LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.687	452	459	470	rBV2	64204	118790	0.15%	0.017%
2	5.910	490	497	501	rBV2	61736	97262	0.12%	0.014%
3	6.005	501	513	522	rBV7	85656	346954	0.43%	0.050%
4	6.093	522	528	533	rBV	372492	571587	0.71%	0.082%
5	6.169	537	541	546	rVB	164673	239874	0.30%	0.034%
6	6.228	546	551	556	rBV3	93061	149709	0.19%	0.021%
7	6.369	570	575	578	rVB5	48627	81551	0.10%	0.012%
8	6.422	578	584	592	rVB4	134276	331454	0.41%	0.047%
9	6.505	592	598	599	rBV3	141303	214533	0.27%	0.031%
10	6.540	599	604	609	rVV	1369859	2092735	2.59%	0.299%
11	6.593	609	613	620	rVB	306062	461766	0.57%	0.066%
12	6.699	627	631	634	rBV2	97299	123653	0.15%	0.018%
13	6.746	634	639	642	rBV3	267789	440113	0.55%	0.063%
14	6.781	642	645	649	rVB2	257997	332149	0.41%	0.047%
15	6.828	649	653	657	rBV2	223511	402921	0.50%	0.058%
16	6.899	657	665	669	rBV2	722520	1554667	1.93%	0.222%
17	6.975	675	678	686	rVB2	713424	1209518	1.50%	0.173%
18	7.058	686	692	697	rBV6	237198	522358	0.65%	0.075%
19	7.116	697	702	707	rBV3	305854	547213	0.68%	0.078%
20	7.205	707	717	725	rBV4	752074	1882617	2.33%	0.269%
21	7.310	725	735	739	rBV4	1080704	2540478	3.15%	0.363%
22	7.357	739	743	745	rBV	554052	760795	0.94%	0.109%
23	7.381	745	747	755	rVB2	807220	1409679	1.75%	0.201%
24	7.463	755	761	765	rBV5	418535	865123	1.07%	0.124%
25	7.510	765	769	772	rBV3	279162	458079	0.57%	0.065%
26	7.557	772	777	778	rBV3	441267	681591	0.84%	0.097%
27	7.616	785	787	790	rBV3	177463	195242	0.24%	0.028%
28	7.657	790	794	798	rVV3	724004	1135410	1.41%	0.162%
29	7.740	804	808	812	rVV4	368389	516538	0.64%	0.074%
30	7.781	812	815	819	rVB4	454092	633504	0.78%	0.091%
31	7.828	819	823	829	rBV3	675284	1150187	1.42%	0.164%
32	7.928	834	840	850	rVB2	2321538	4133552	5.12%	0.591%
33	8.005	850	853	857	rBV2	152151	249562	0.31%	0.036%
34	8.128	867	874	878	rBV4	534812	1298836	1.61%	0.186%

LSC Area Percent Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	8.193	882	885	888	rVV3	401856	480218	0.59%	0.069%
36	8.252	888	895	899	rVV3	1511956	2765881	3.43%	0.395%
37	8.346	908	911	919	rVB5	809298	1687487	2.09%	0.241%
38	8.457	919	930	941	rBV4	2217233	7764272	9.62%	1.110%
39	8.716	965	974	981	rVB7	1430441	3717164	4.61%	0.531%
40	8.775	981	984	987	rBV3	417739	620596	0.77%	0.089%
41	8.822	988	992	998	rVB4	598161	1243401	1.54%	0.178%
42	8.893	999	1004	1009	rBV5	410194	955252	1.18%	0.137%
43	9.010	1020	1024	1029	rVB	1011782	1477820	1.83%	0.211%
44	9.069	1029	1034	1041	rBV2	1993926	3140707	3.89%	0.449%
45	9.222	1052	1060	1064	rBV	1422336	2953569	3.66%	0.422%
46	9.328	1072	1078	1086	rVB2	3726660	7459819	9.24%	1.066%
47	9.399	1086	1090	1093	rBV2	402990	542652	0.67%	0.078%
48	9.599	1120	1124	1130	rVV2	730374	1214356	1.50%	0.174%
49	9.657	1131	1134	1138	rVB3	392147	501020	0.62%	0.072%
50	9.746	1145	1149	1153	rBV3	656593	1222004	1.51%	0.175%
51	9.851	1161	1167	1170	rBV4	692558	1472446	1.82%	0.210%
52	9.893	1171	1174	1178	rVV	534672	892630	1.11%	0.128%
53	10.004	1190	1193	1196	rBV2	506880	599682	0.74%	0.086%
54	10.110	1205	1211	1212	rBV4	1143219	1914832	2.37%	0.274%
55	10.328	1243	1248	1253	rBV	1894232	3463944	4.29%	0.495%
56	10.546	1280	1285	1289	rBV4	1188184	1941682	2.41%	0.277%
57	10.634	1296	1300	1304	rBV	1176100	1871588	2.32%	0.267%
58	10.746	1316	1319	1322	rVB	735247	897824	1.11%	0.128%
59	10.787	1323	1326	1328	rVV3	546164	680118	0.84%	0.097%
60	10.822	1328	1332	1340	rVB2	2911683	5214568	6.46%	0.745%
61	10.893	1341	1344	1347	rBV4	684073	1146815	1.42%	0.164%
62	11.193	1389	1395	1408	rVB2	5800428	15827450	19.61%	2.262%
63	11.328	1415	1418	1428	rVB5	1716260	3418257	4.23%	0.489%
64	11.575	1455	1460	1461	rBV2	1299011	1982274	2.46%	0.283%
65	11.893	1510	1514	1519	rBV4	3217937	6444691	7.98%	0.921%
66	12.457	1605	1610	1616	rVB2	5975508	11137137	13.80%	1.592%
67	12.604	1629	1635	1646	rVB3	11433736	27754488	34.38%	3.967%
68	12.816	1666	1671	1675	rBV	8138414	13962196	17.30%	1.995%
69	13.375	1763	1766	1769	rBV3	3516423	5284603	6.55%	0.755%
70	13.481	1777	1784	1790	rVB2	28172886	56008915	69.39%	8.005%
71	13.581	1796	1801	1805	rBV	22399322	33179984	41.11%	4.742%

LSC Area Percent Report

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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

72	13.787	1831	1836	1841	rBV3	9348921	18406206	22.80%	2.631%
73	13.892	1849	1854	1860	rVB	21536133	37166681	46.05%	5.312%
74	13.992	1868	1871	1873	rBV2	5086744	6863000	8.50%	0.981%
75	14.398	1937	1940	1943	rBV3	4014265	6057729	7.50%	0.866%
76	14.622	1974	1978	1983	rVB	11822293	17927316	22.21%	2.562%
77	14.692	1987	1990	1992	rBV4	3941015	5717563	7.08%	0.817%
78	14.816	2004	2011	2014	rBV3	5708620	15597057	19.32%	2.229%
79	14.857	2015	2018	2025	rVB3	18087895	28972287	35.89%	4.141%
80	14.957	2031	2035	2039	rBV	11330668	15756783	19.52%	2.252%
81	15.375	2101	2106	2114	rVB	20948400	36599307	45.34%	5.231%
82	15.686	2156	2159	2164	rBV2	7372640	12476908	15.46%	1.783%
83	15.869	2179	2190	2195	rBV2	32750764	80717926	100.00%	11.536%
84	16.510	2291	2299	2303	rBV	20439475	46257788	57.31%	6.611%
85	16.545	2303	2305	2312	rVB3	7181192	12244347	15.17%	1.750%
86	16.622	2315	2318	2321	rVV	8891207	11801698	14.62%	1.687%
87	16.675	2323	2327	2335	rVB2	20384612	36067995	44.68%	5.155%
88	17.351	2440	2442	2447	rVB	7990048	8842128	10.95%	1.264%
89	18.039	2557	2559	2563	rVB	5355886	5627218	6.97%	0.804%
90	18.680	2665	2668	2673	rVB3	6895836	8016185	9.93%	1.146%
91	19.263	2763	2767	2774	rVB3	7917708	12658576	15.68%	1.809%
92	19.798	2856	2858	2864	rVB2	3465884	4060670	5.03%	0.580%
93	20.057	2900	2902	2906	rVB	4717528	4998820	6.19%	0.714%
94	24.598	3667	3674	3680	rVB3	2645692	6279641	7.78%	0.897%

Sum of corrected areas: 699706171

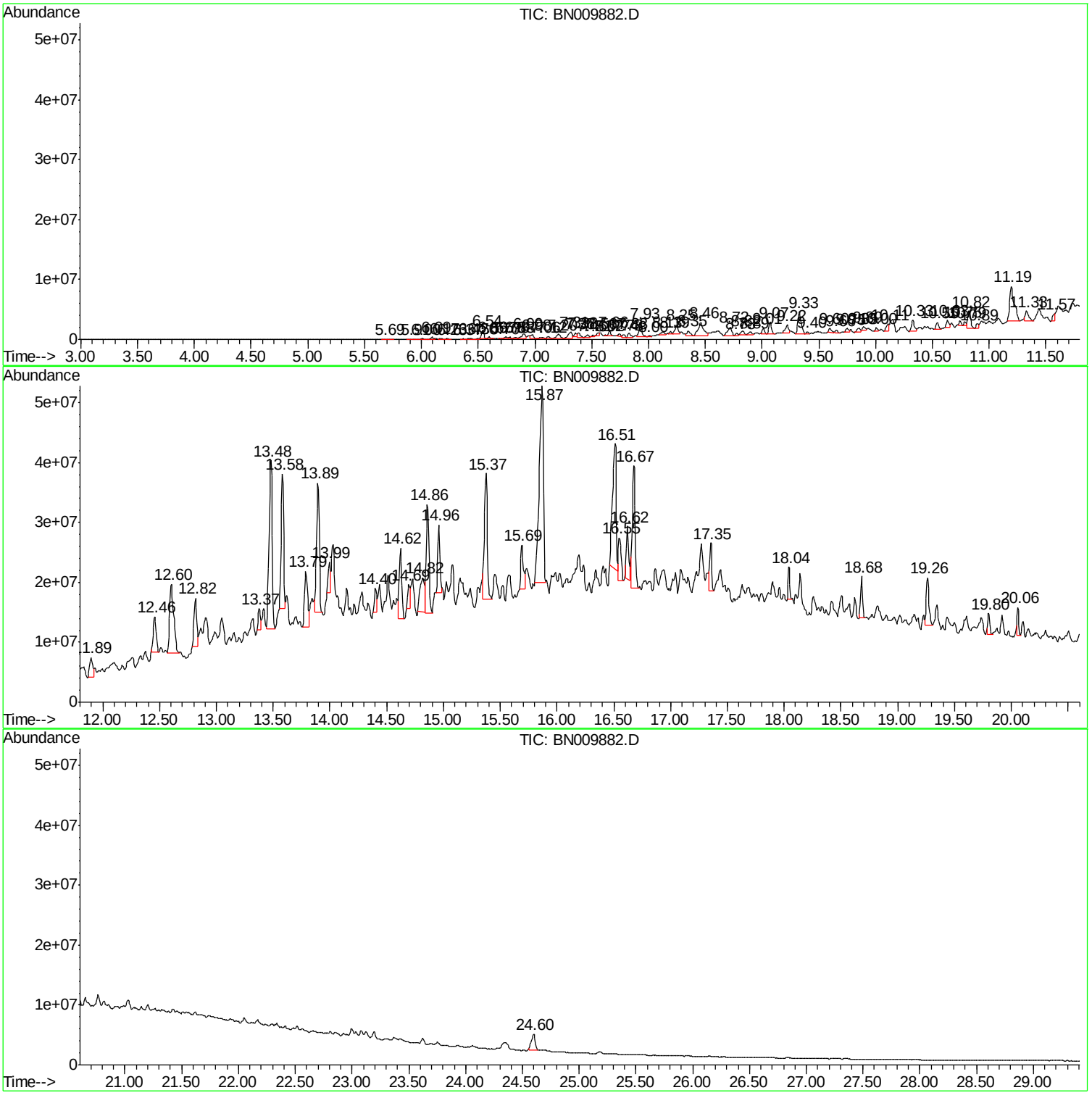
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

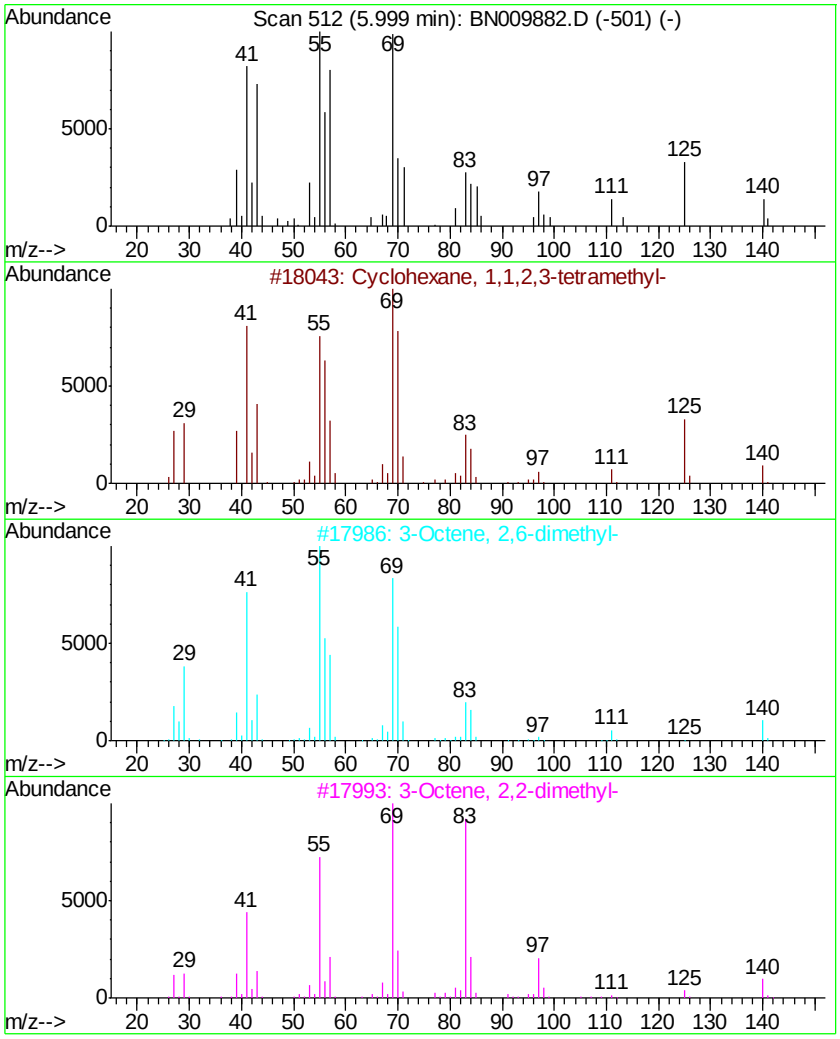
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

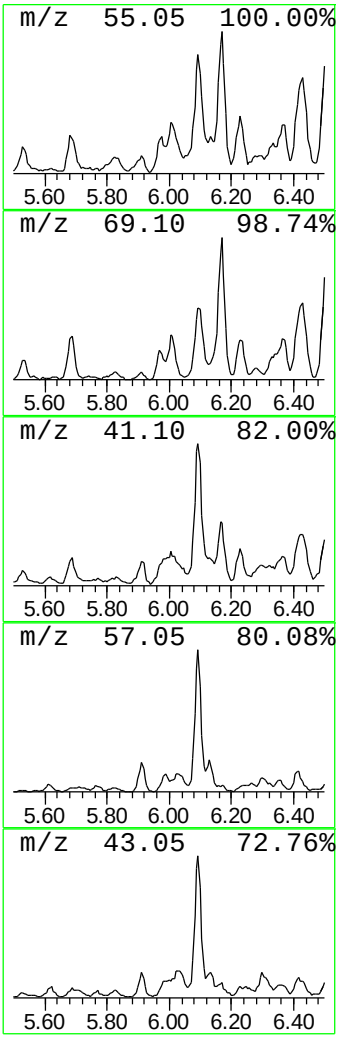
****

Peak Number 1 (DEL) Alkane: Cyclic6.00 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	4.92 ng/ul	346954	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	68
2	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	46
3	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	43
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	43
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

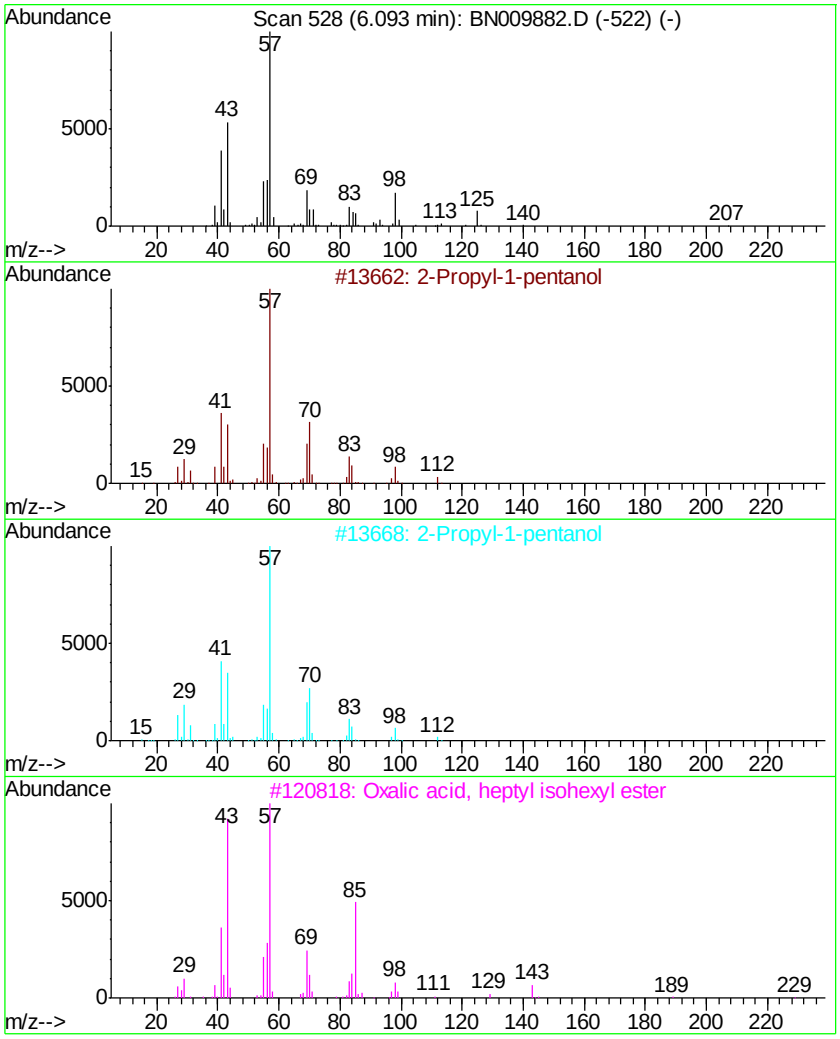
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

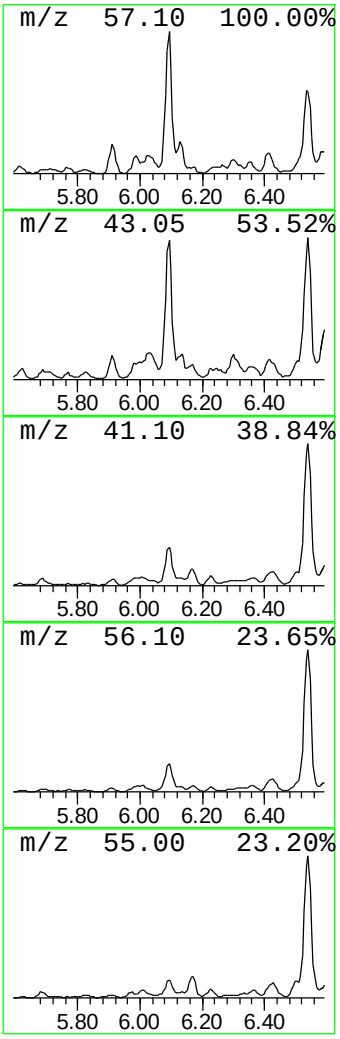
****

Peak Number 2 2-Propyl-1-pentanol Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	8.11 ng/ul	571587	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	53
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

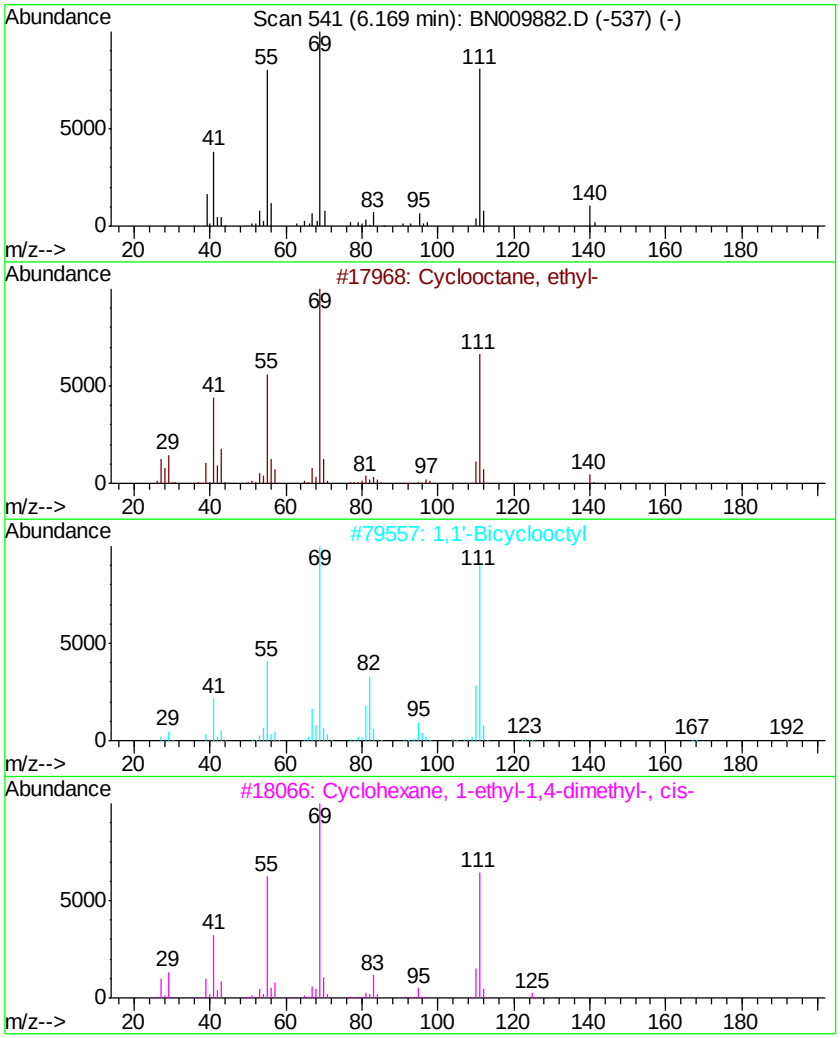
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

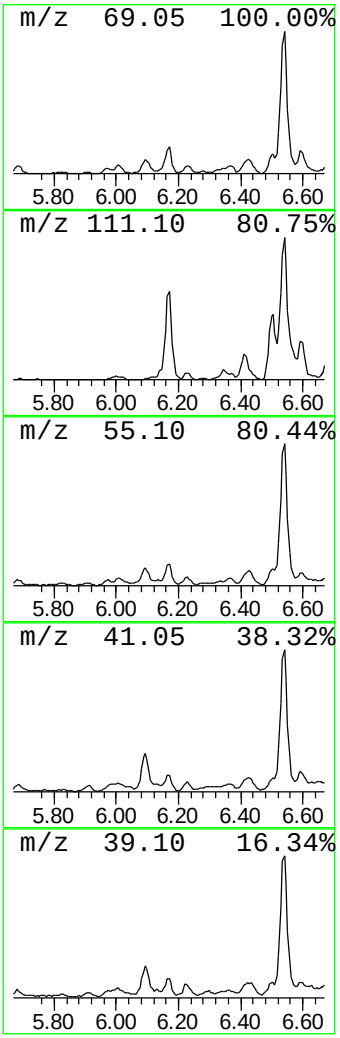
****

Peak Number 3 (DEL) Alkane: Cyclic6.17 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	3.40 ng/ul	239874	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, ethyl-	140	C10H20	013152-02-8	78
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	72
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	64
4	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	64
5	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

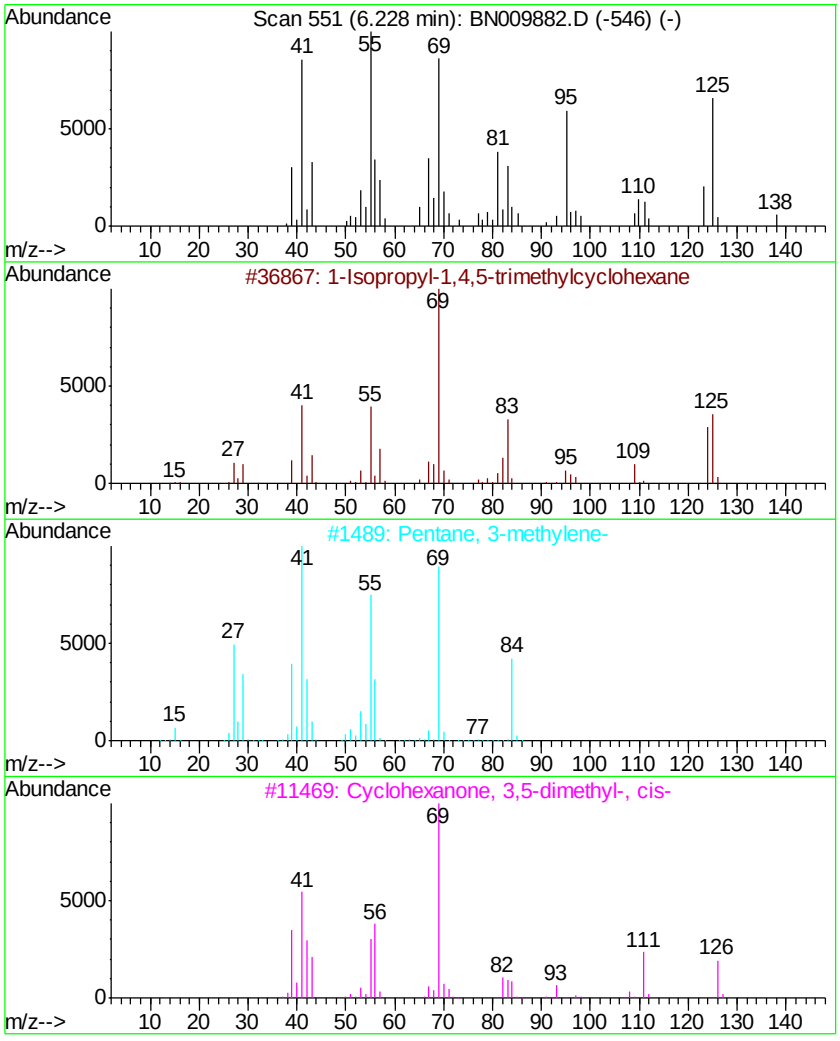
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

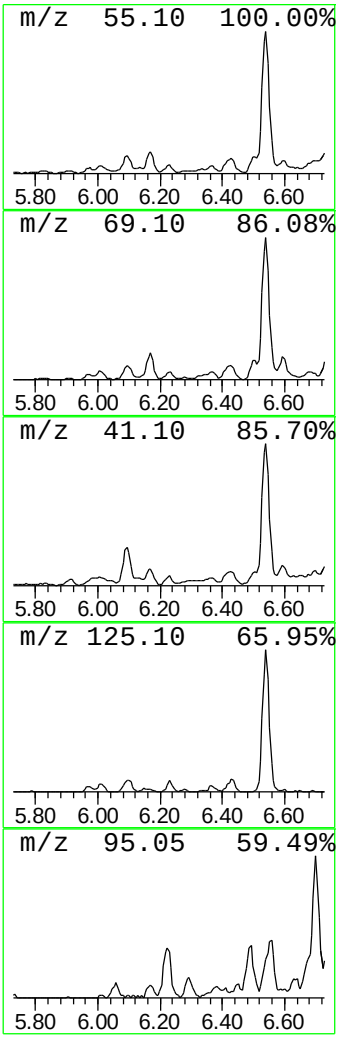
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	2.12 ng/ul	149709	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	38
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	38
3	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	35
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	35
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

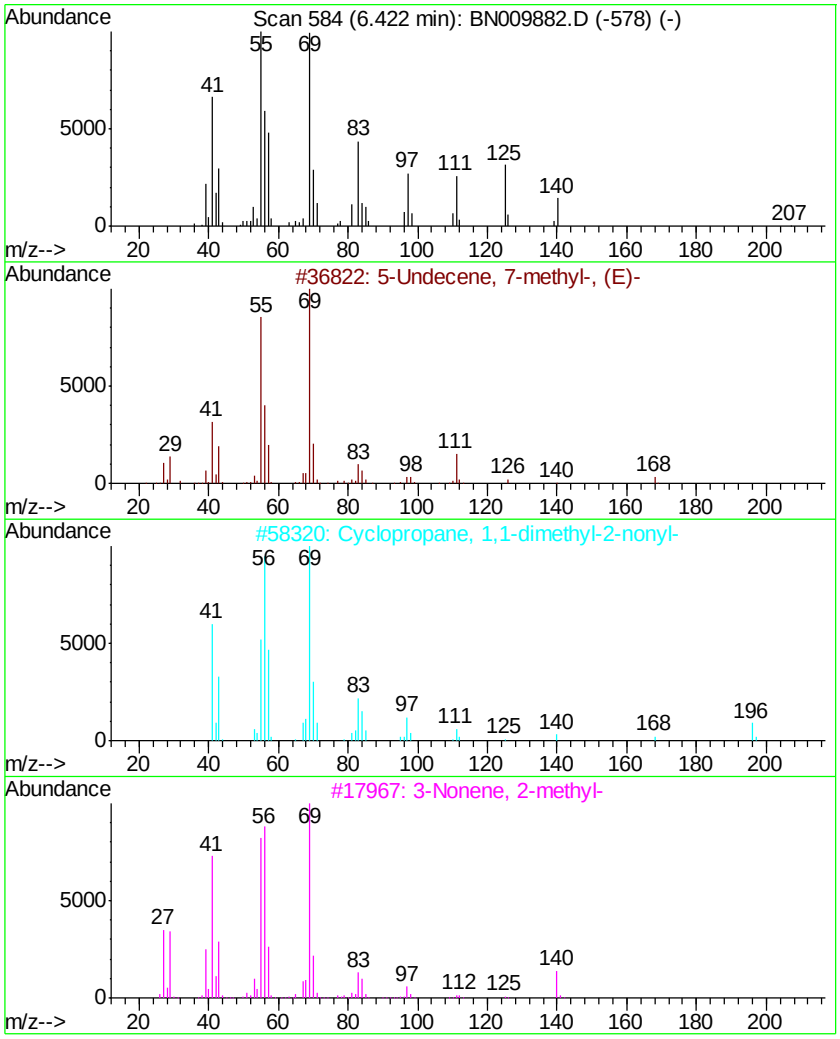
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

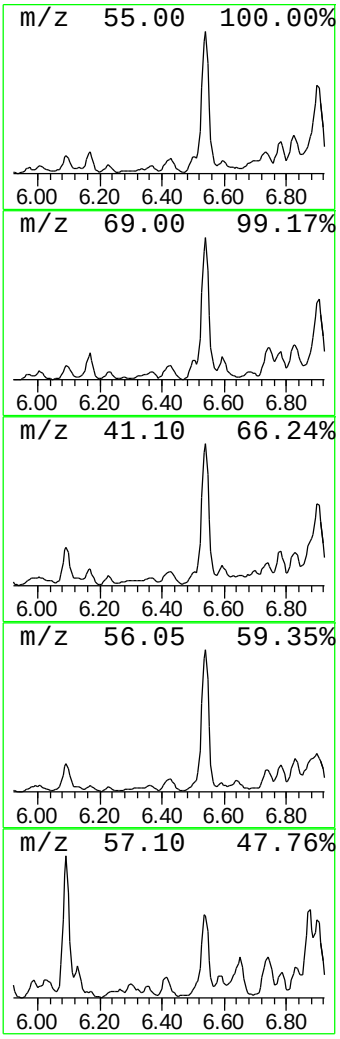
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	4.70 ng/ul	331454	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	53
2	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	50
3	3-Nonene, 2-methyl-	140	C10H20	053966-53-3	49
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	47
5	Triallylsilane	152	C9H16Si	001116-62-7	43





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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

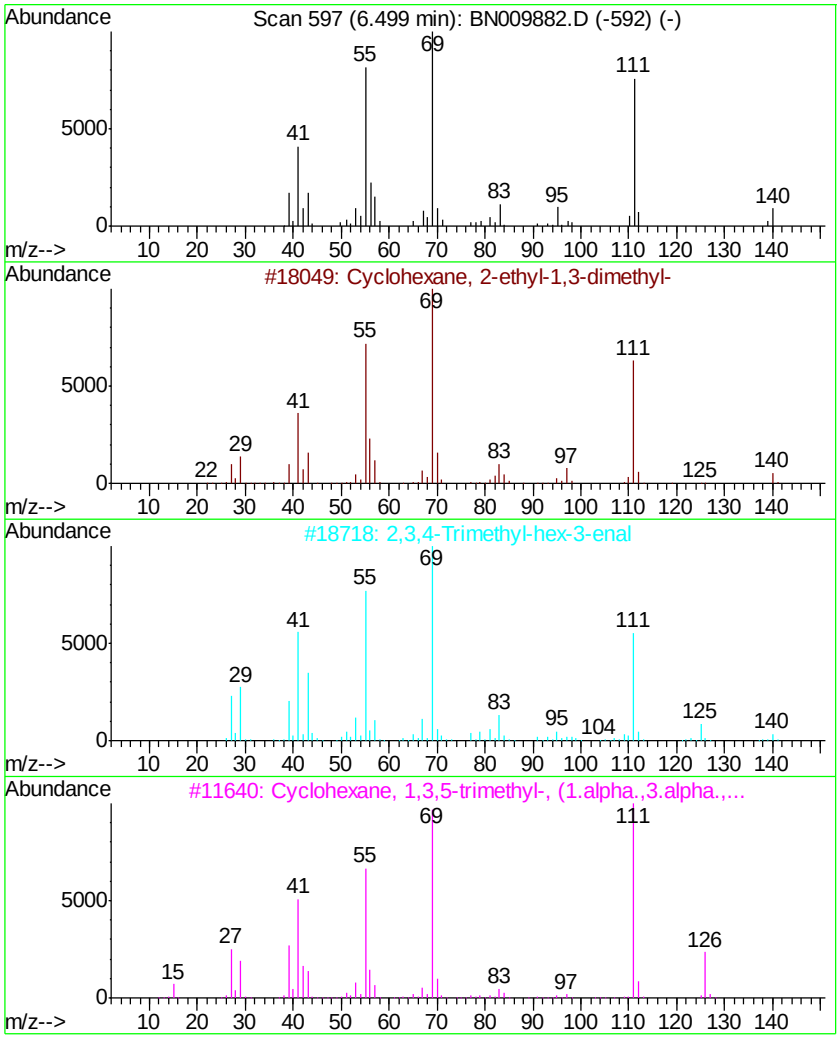
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

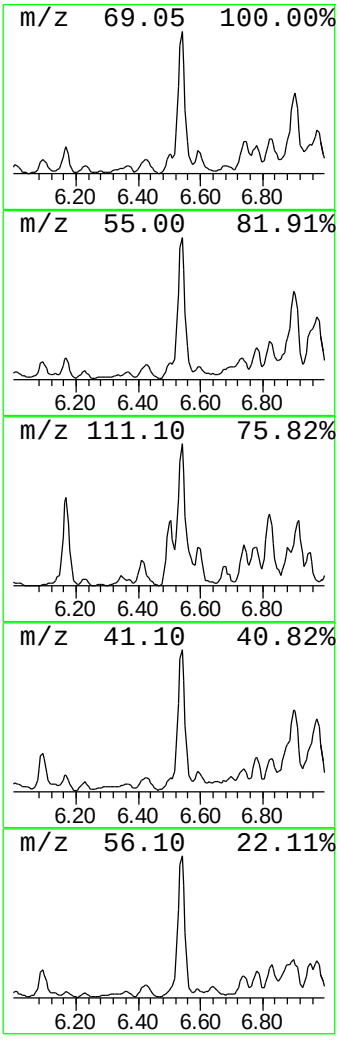
****

Peak Number 6 (DEL) Alkane: Cyclic6.50 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	3.04 ng/ul	214533	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	87
2	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	80
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	72
5	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	64





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ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

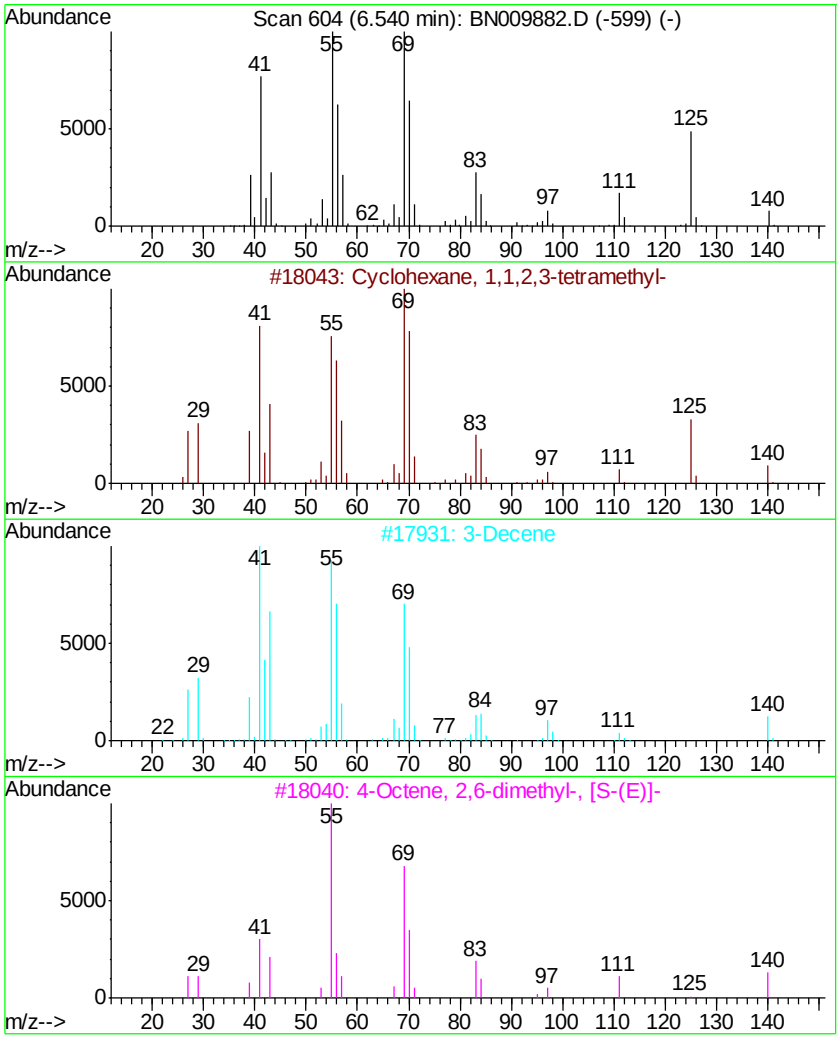
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

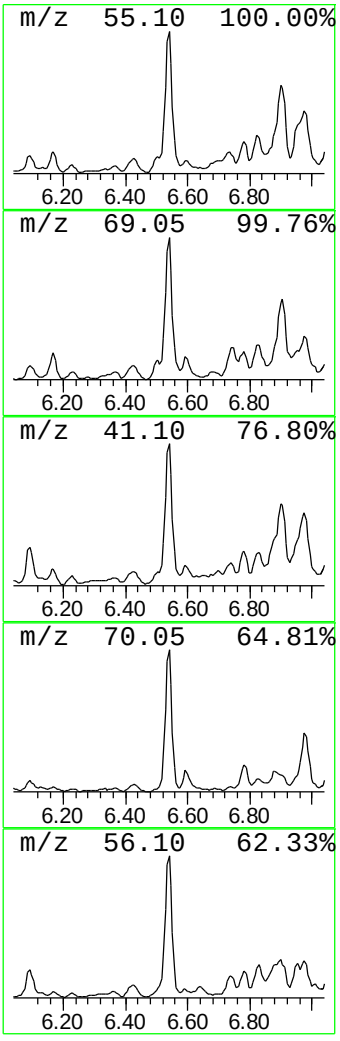
****

Peak Number 7 (DEL) Alkane: Cyclic6.54 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	29.69 ng/ul	2092740	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	93
2	3-Decene	140	C10H20	019398-37-9	68
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	68
4	4-Decene	140	C10H20	019689-18-0	64
5	trans-3-Decene	140	C10H20	019150-21-1	64





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ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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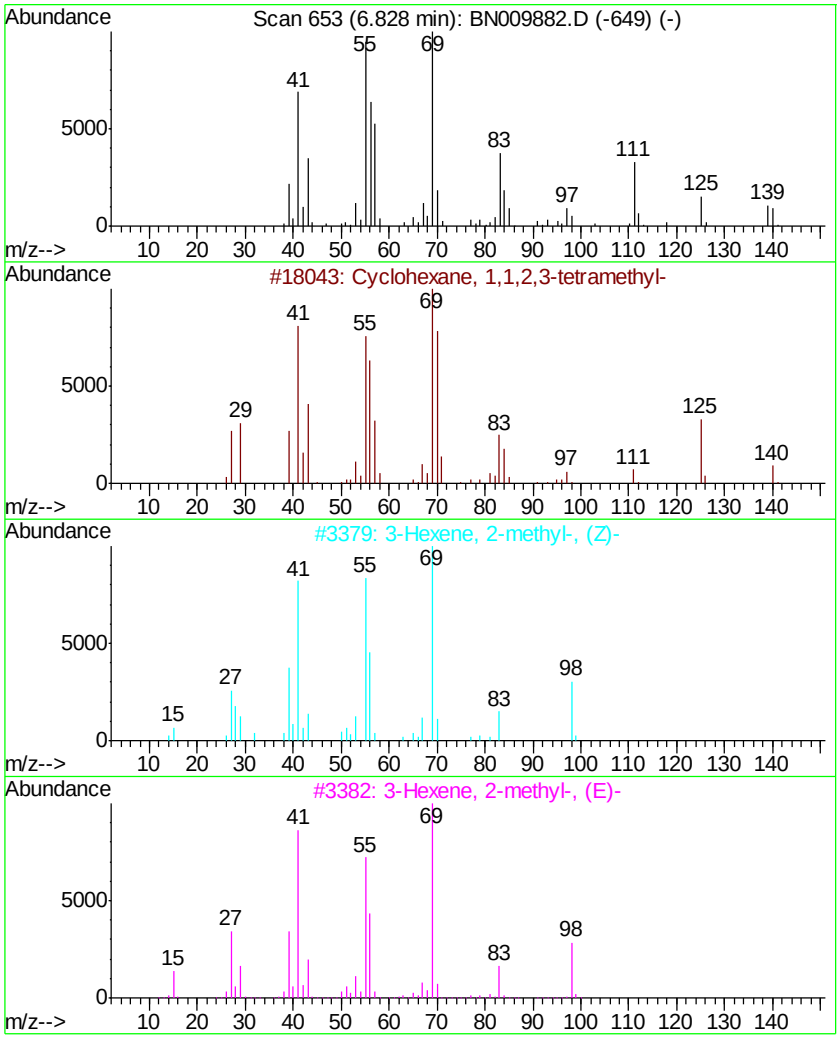
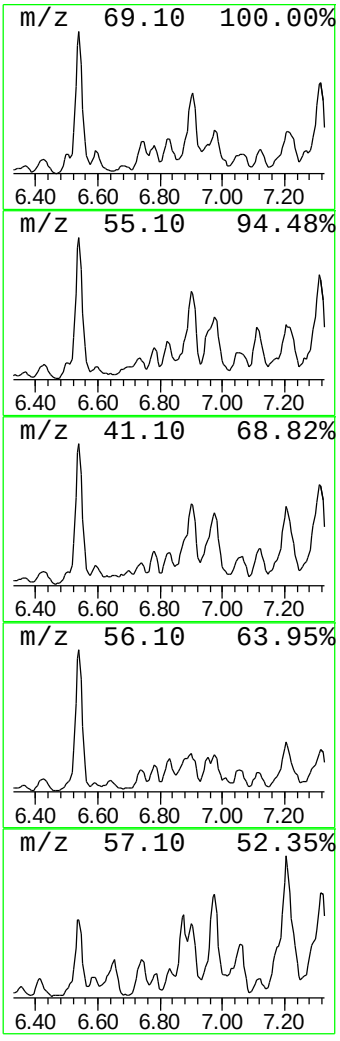
Peak Number 8 (DEL) Alkane: Cyclic6.83 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	5.72 ng/ul	402921	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	74
2	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	49
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	49
4	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	43
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	43





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ClientSampleId : C5AT7

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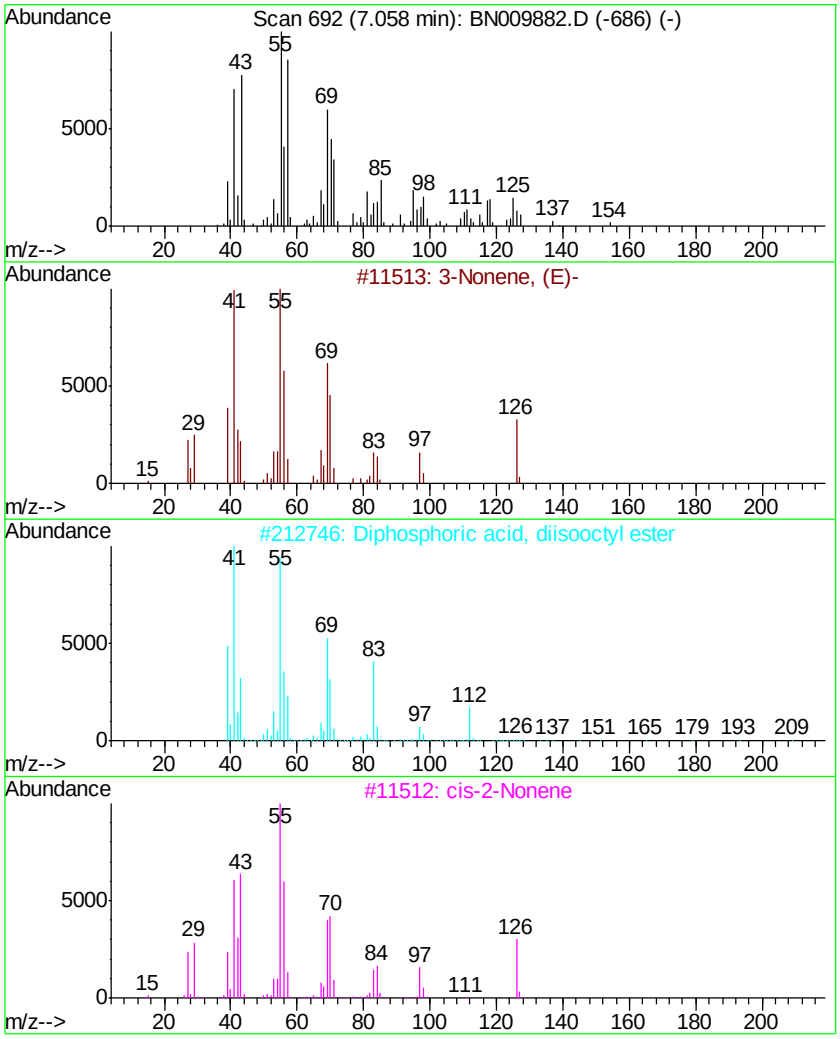
Quant Title : SVOA CALIBRATION

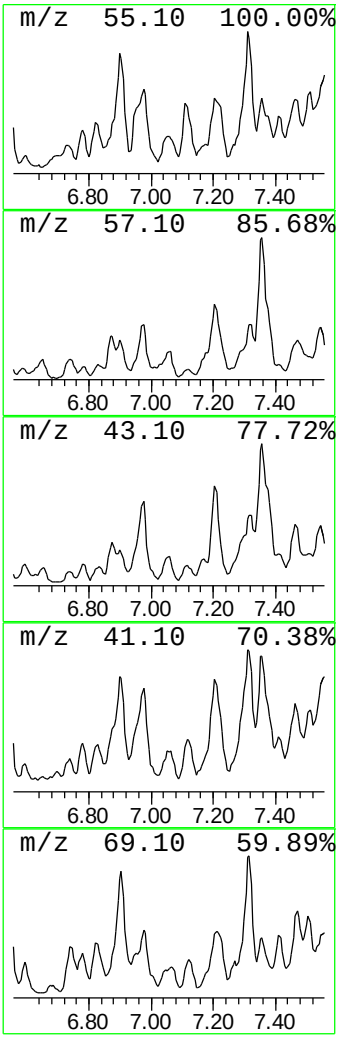
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	7.41 ng/ul	522358	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonene, (E)-	126	C9H18	020063-92-7	60
2	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	49
3	cis-2-Nonene	126	C9H18	006434-77-1	49
4	cis-3-Nonene	126	C9H18	020237-46-1	46
5	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	46





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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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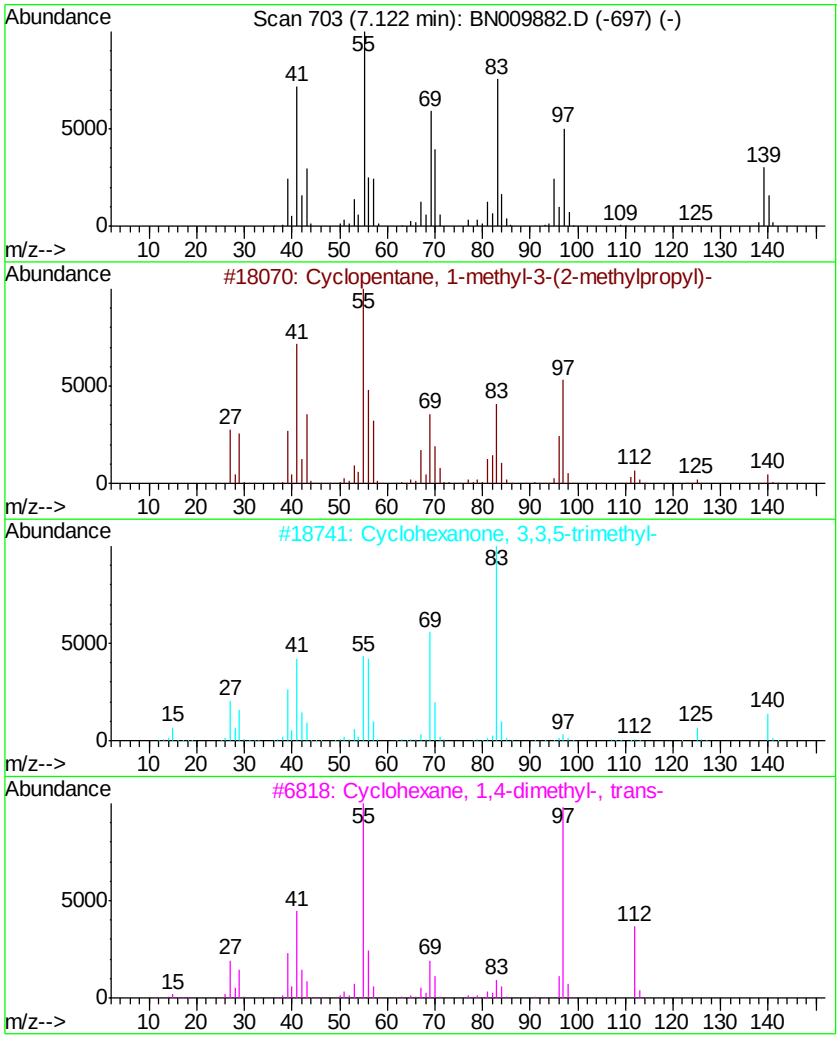
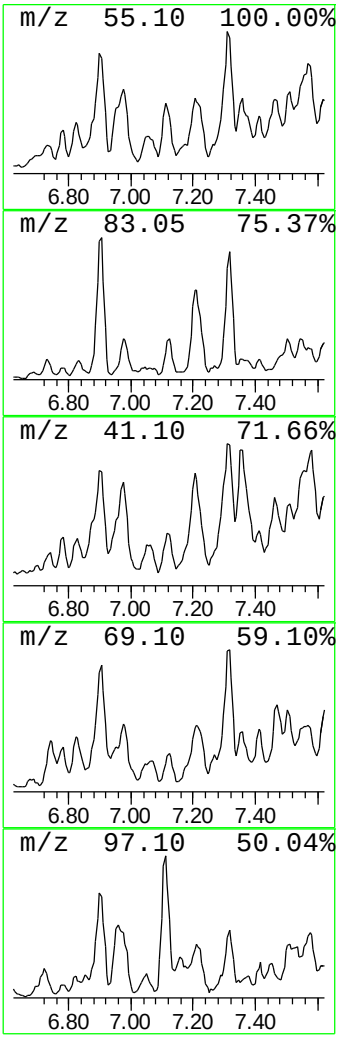
Peak Number 10 (DEL) Alkane: Cyclic7.12 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	7.76 ng/ul	547213	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	76
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	43
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	43
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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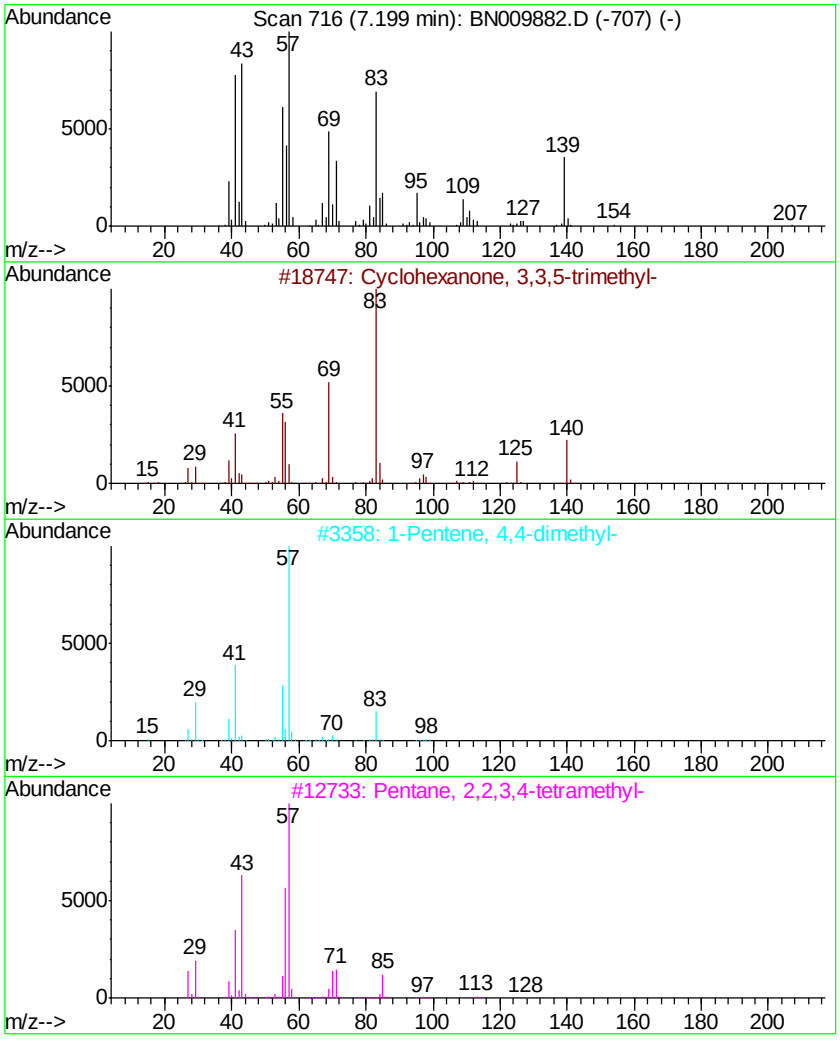
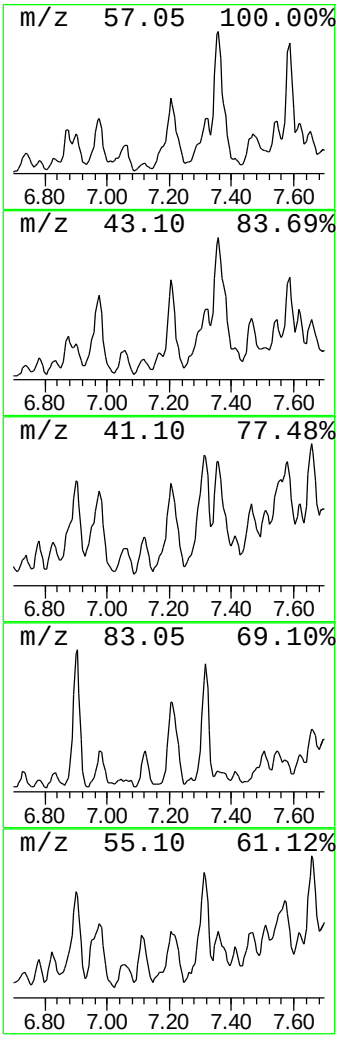
Peak Number 11 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	26.71 ng/ul	1882620	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	43
2	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	35
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	35
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35
5	4-Decene	140	C10H20	019689-18-0	35





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Misc :
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Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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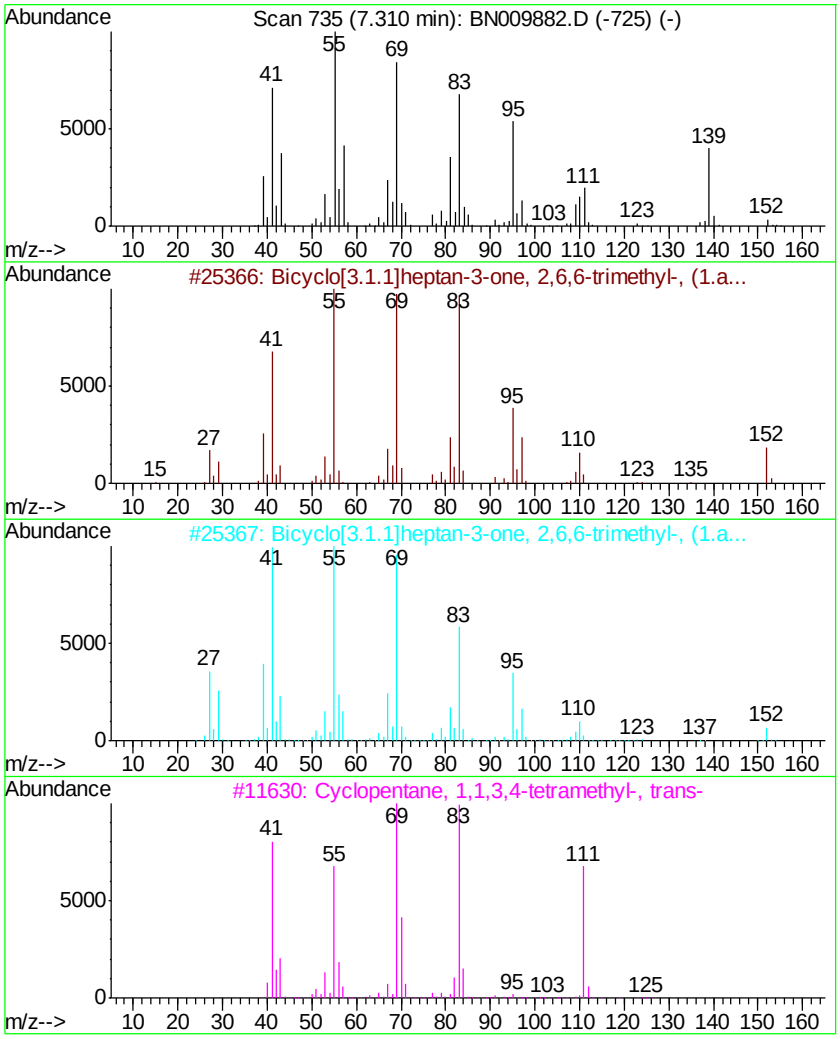
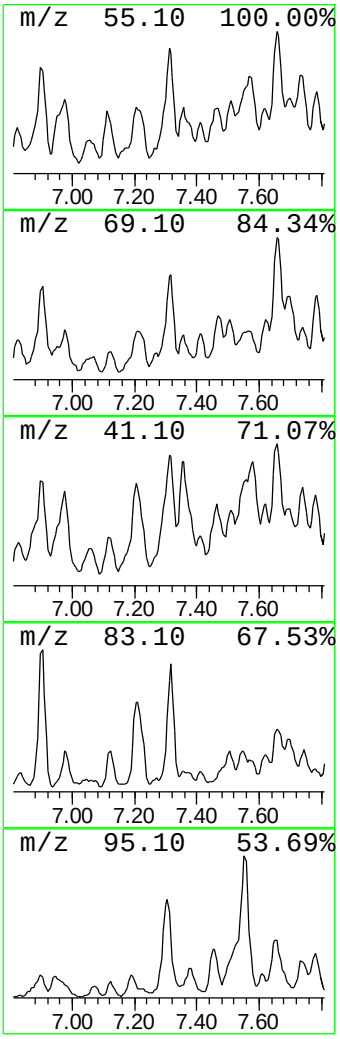
Peak Number 12 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	36.04 ng/ul	2540480	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	50
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	50
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38
4	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	38
5	2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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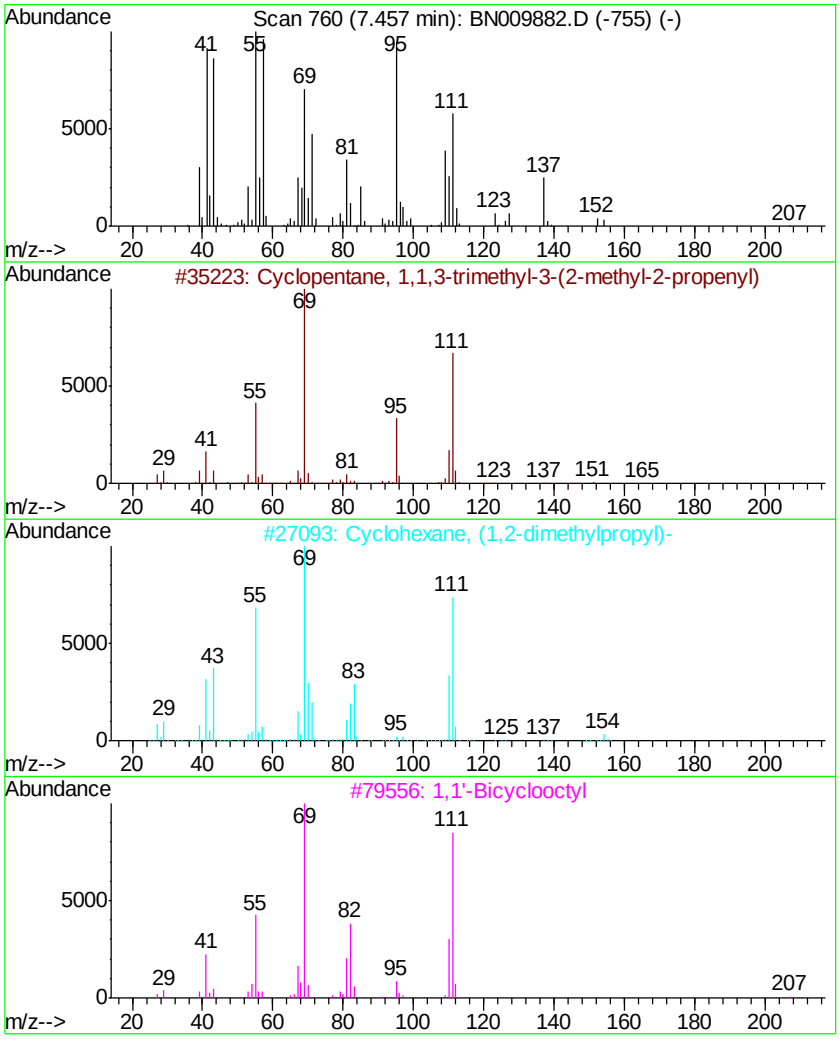
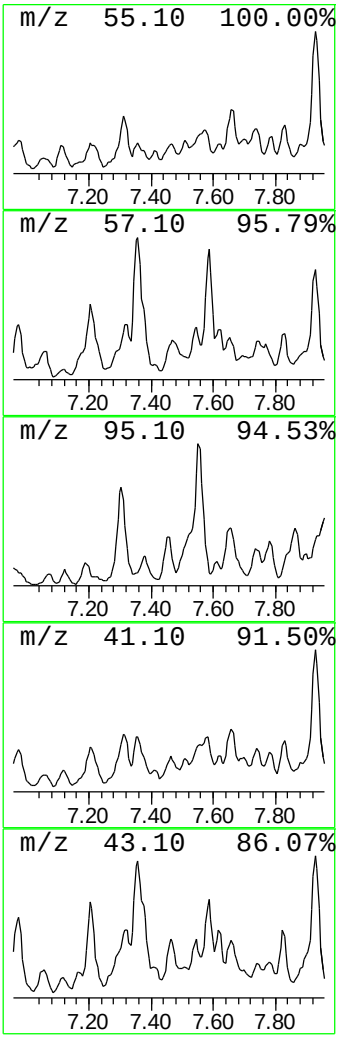
Peak Number 13 Cyclopentane, 1,1,3-trimeth... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	12.27 ng/ul	865123	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	50
2	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	49
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
4	Cyclooctane, ethyl-	140	C10H20	013152-02-8	47
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	46





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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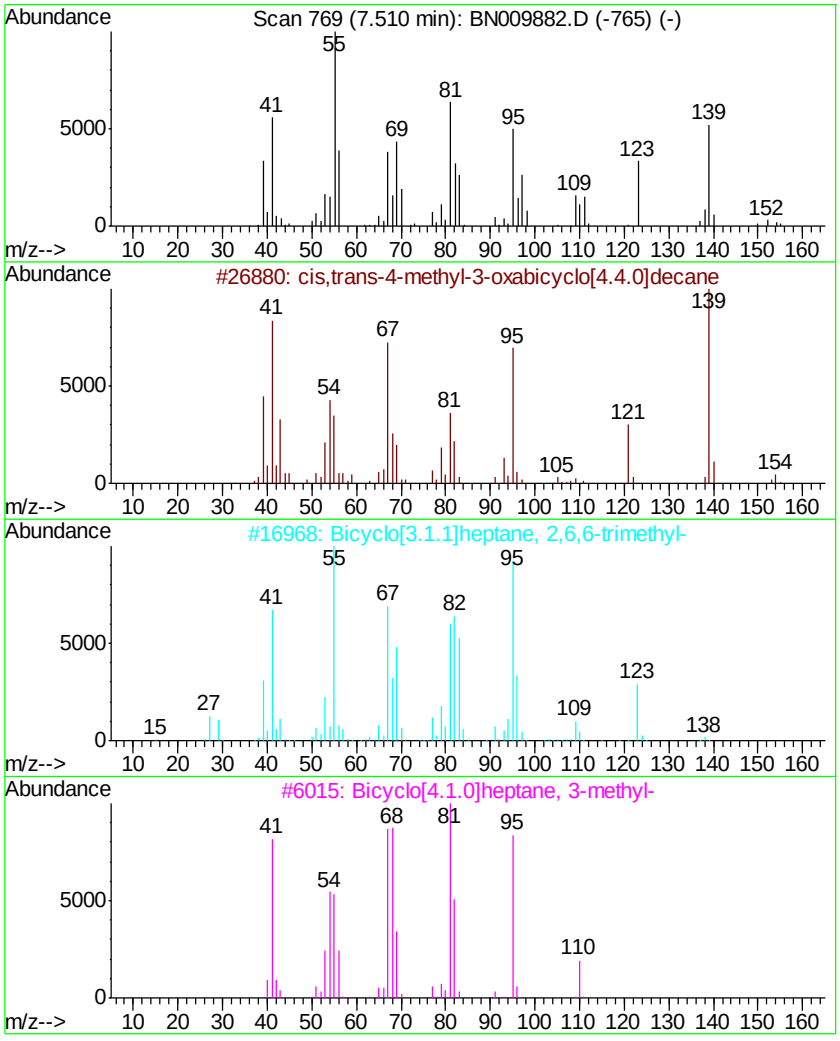
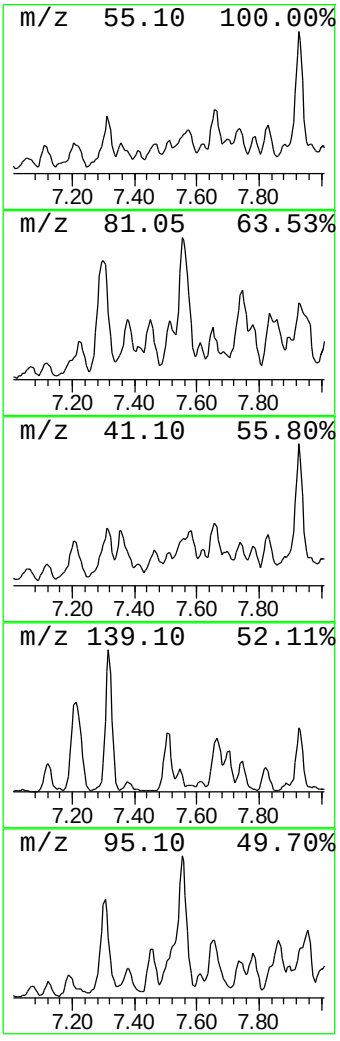
Peak Number 14 unknown-02 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	6.50 ng/ul	458079	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-4-methyl-3-oxabicyclo[...	154	C10H18O	1000216-89-8	43
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38
3	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	30
4	2(1H)Pyrimidinone,4-amino-1,N-di...	139	C6H9N3O	006220-49-1	30
5	Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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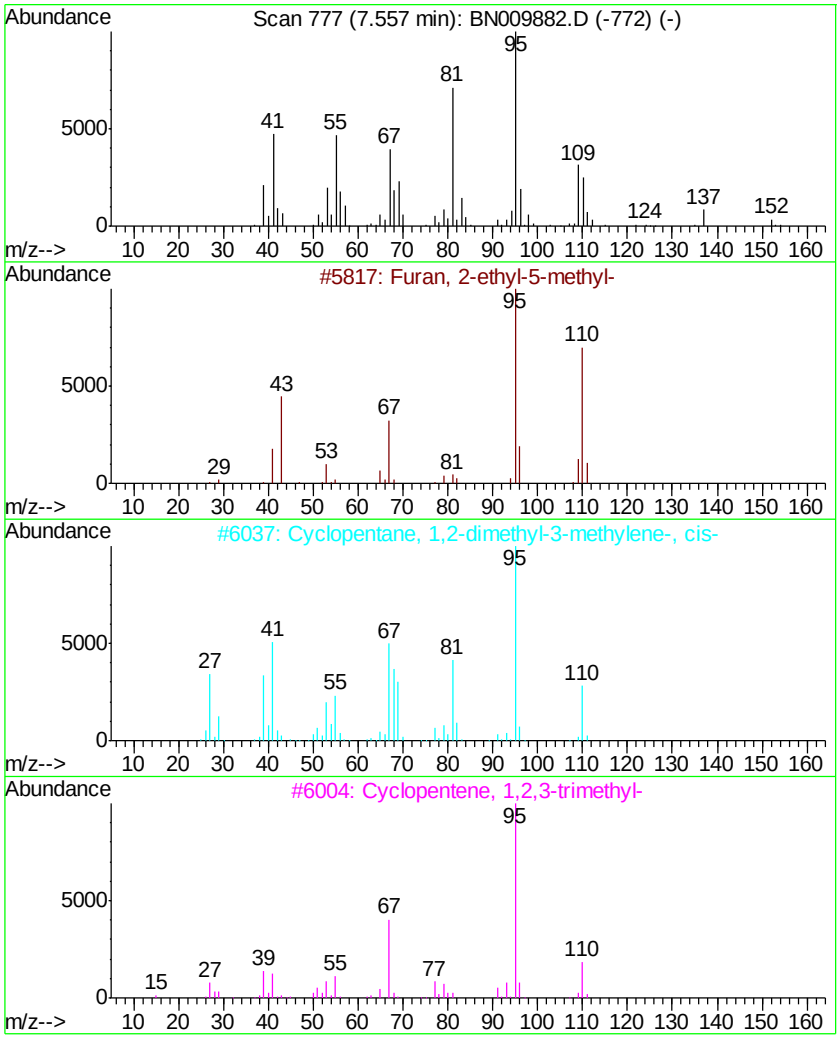
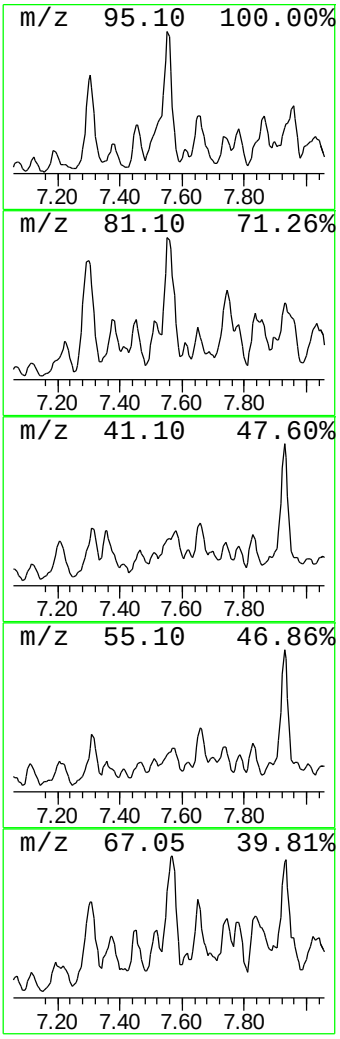
Peak Number 15 Furan, 2-ethyl-5-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	9.67 ng/ul	681591	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64
2	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	64
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	58
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	58
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	58





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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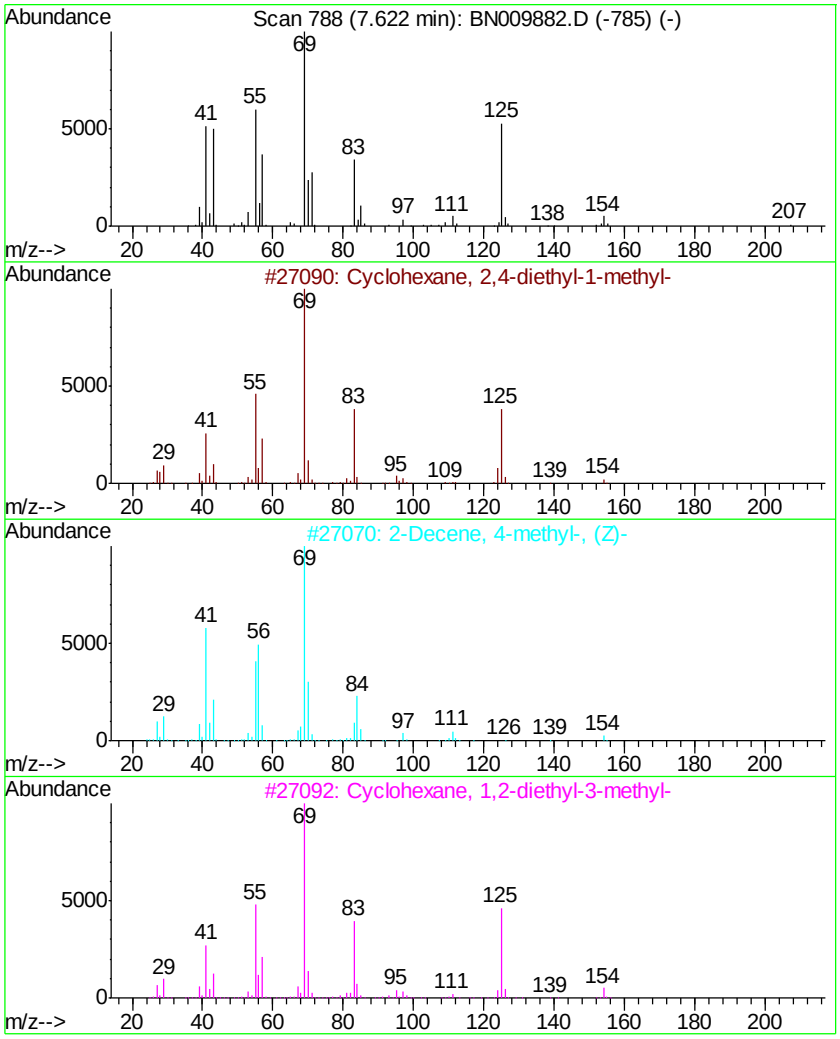
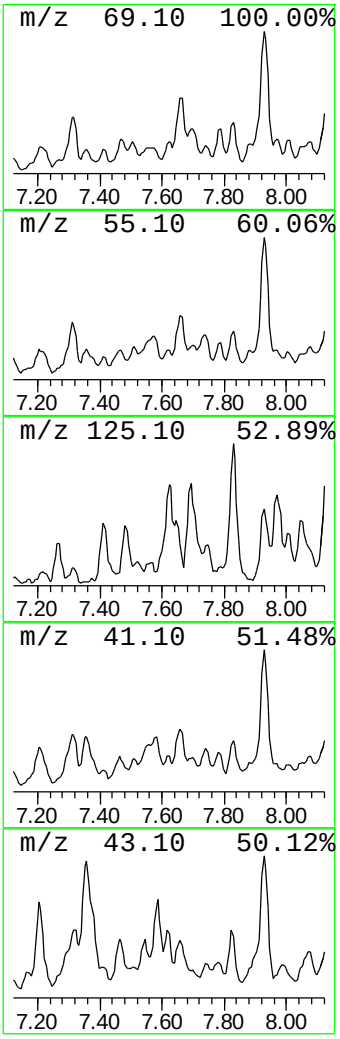
Peak Number 16 (DEL) Alkane: Cyclic7.62 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	2.77 ng/ul	195242	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	64
2	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	47
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	45
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	45
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	45





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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

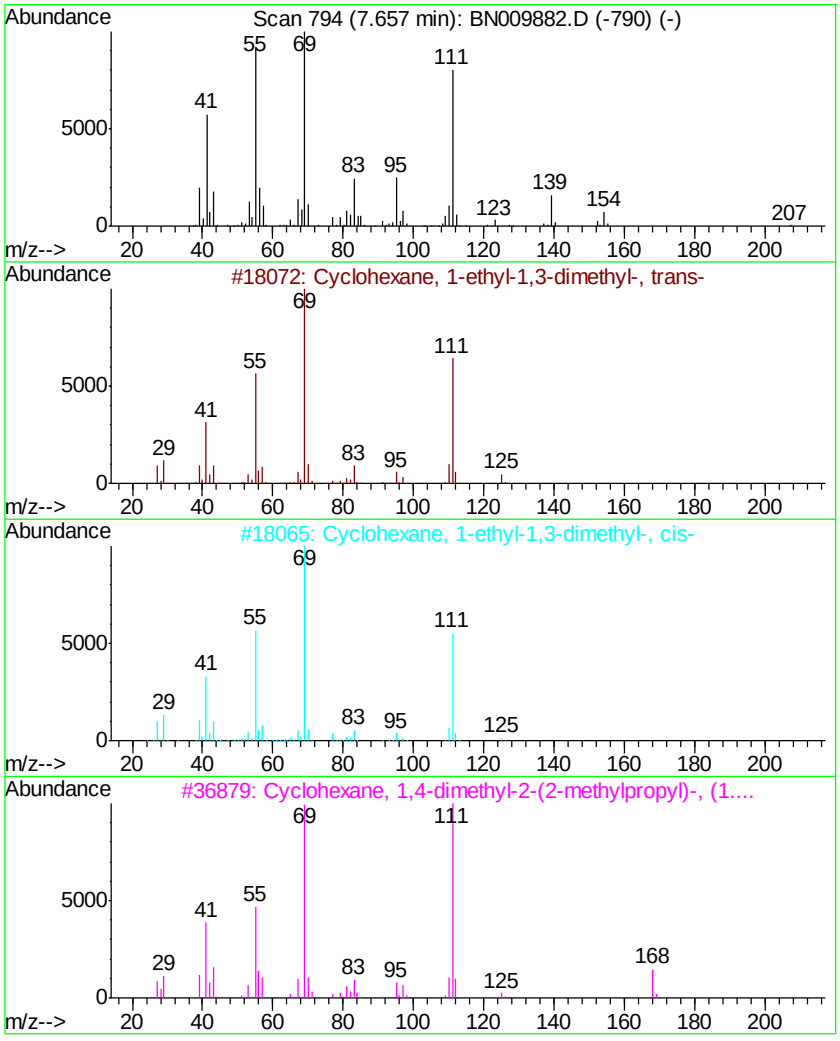
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

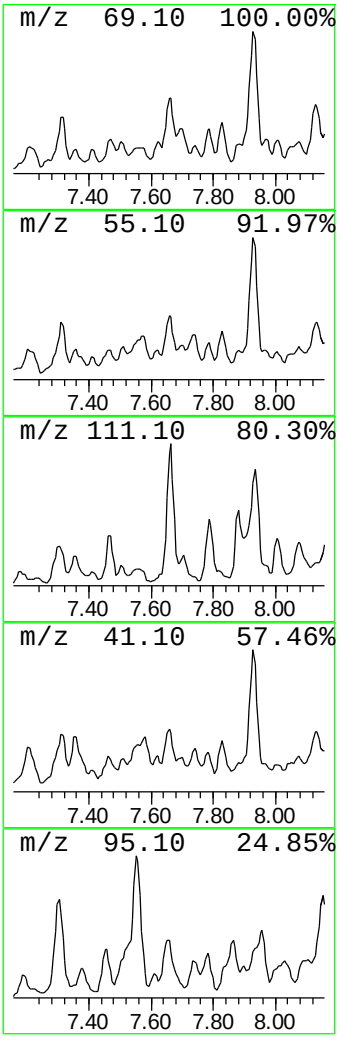
****

Peak Number 17 (DEL) Alkane: Cyclic7.66 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	16.11 ng/ul	1135410	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	59
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	59
3	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	59
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43





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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

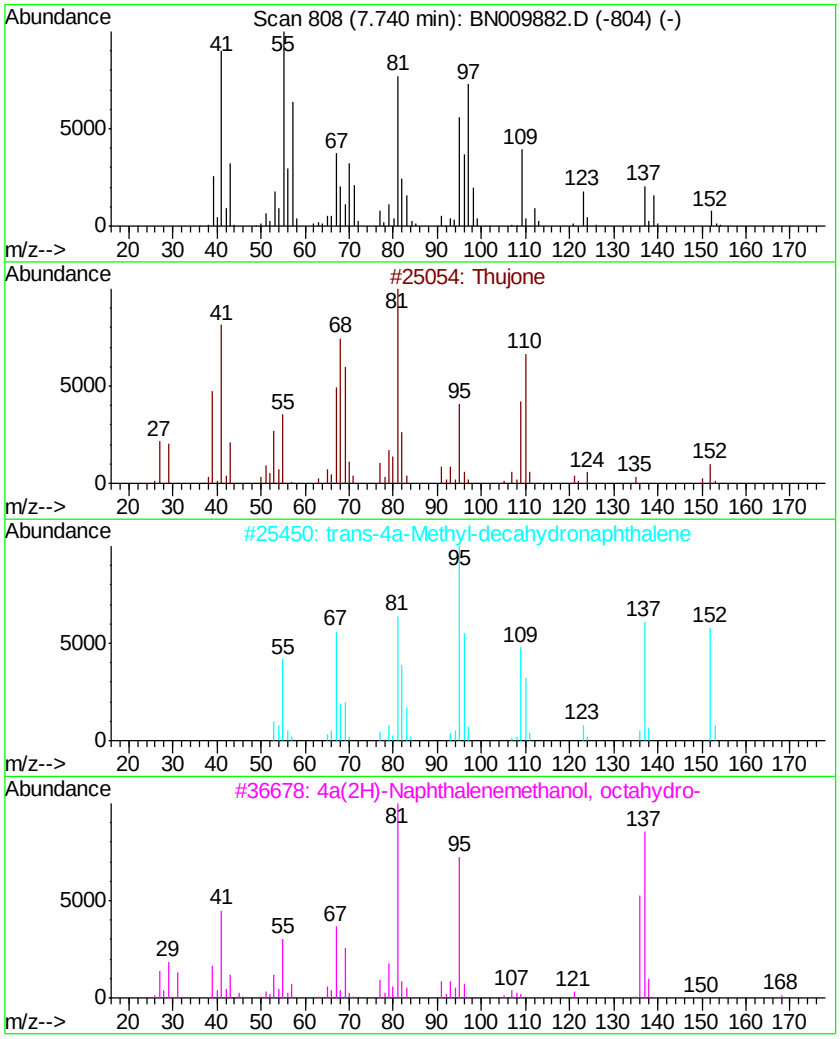
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

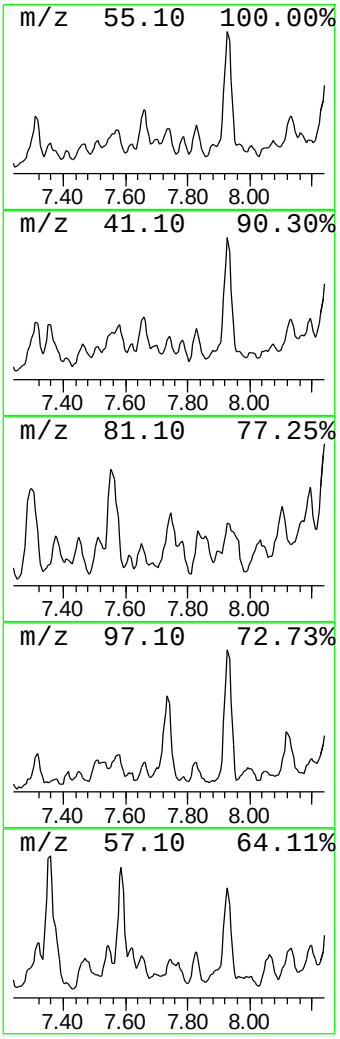
****

Peak Number 18 unknown-03 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	7.33 ng/ul	516538	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thujone	152	C10H16O	000546-80-5	43
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	38
3	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	35
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	30
5	Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	27





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

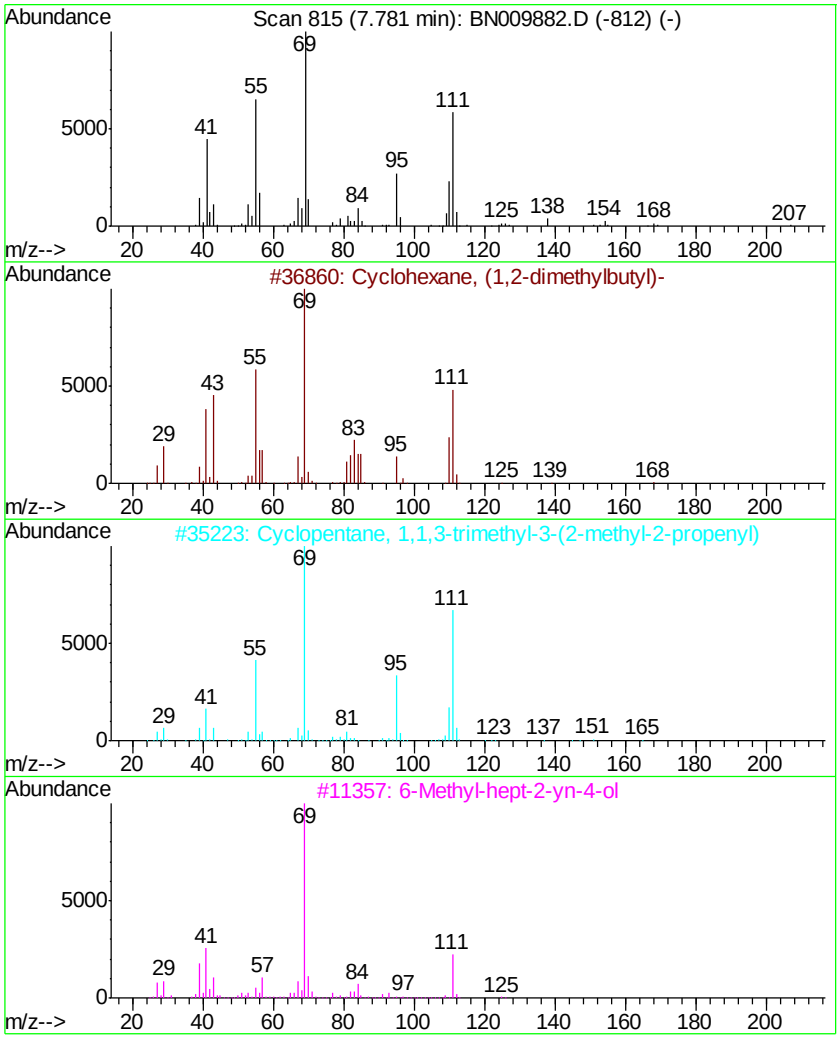
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

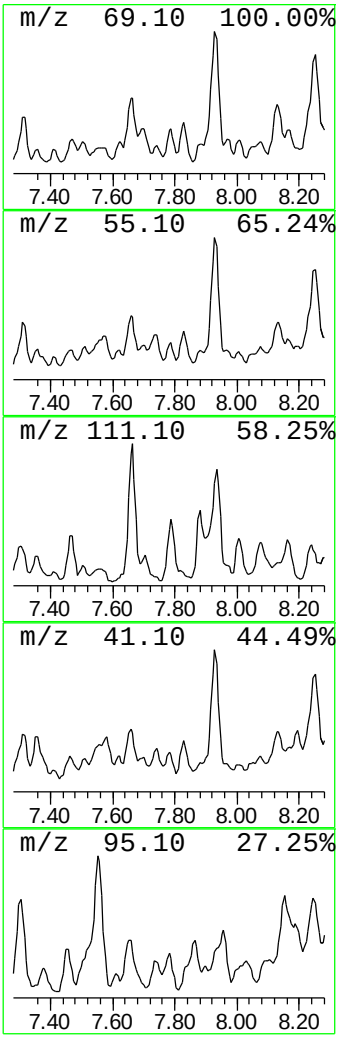
****

Peak Number 19 (DEL) Alkane: Cyclic7.78 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	8.99 ng/ul	633504	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	64
2	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	64
3	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	59
4	Cyclooctanemethanol	142	C9H18O	003637-63-6	53
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	53





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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

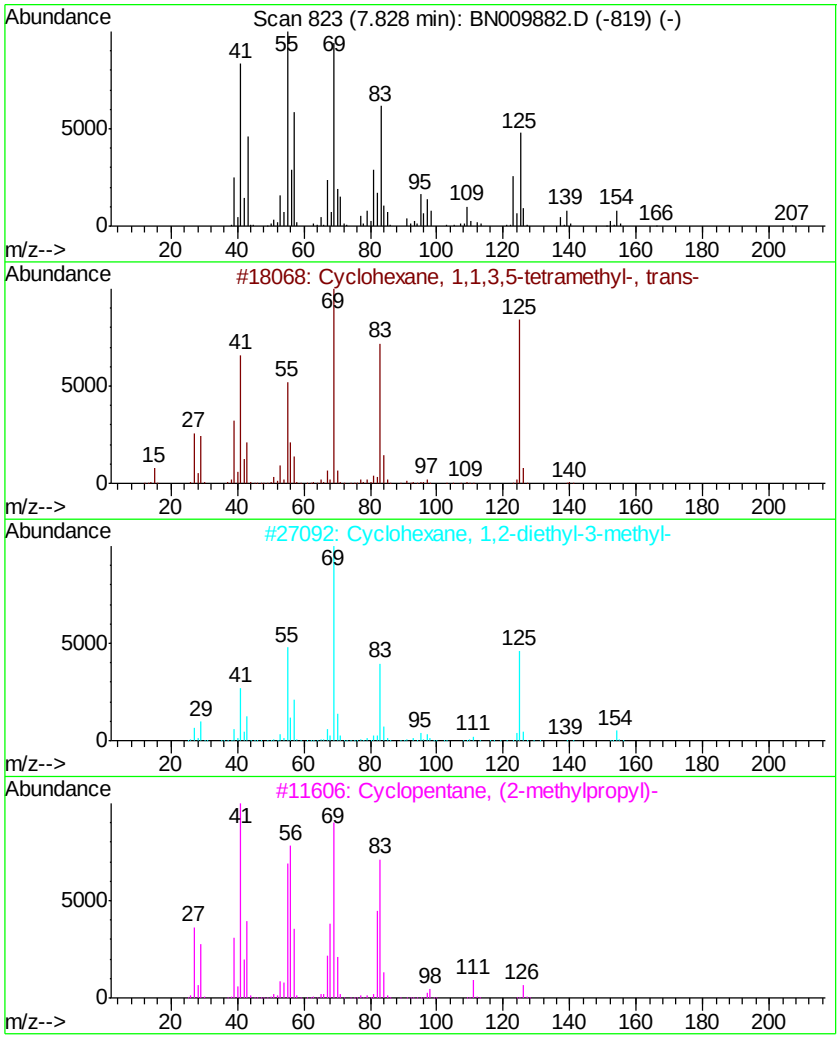
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

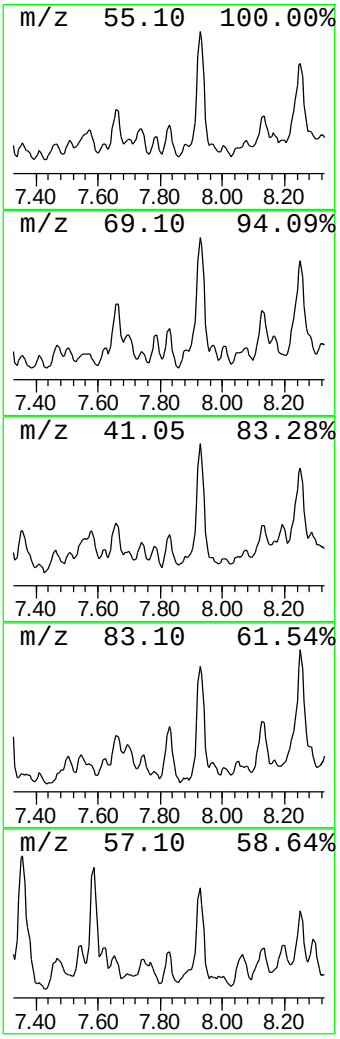
****

Peak Number 20 (DEL) Alkane: Cyclic7.83 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	16.32 ng/ul	1150190	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	52
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
4	4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	47
5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	43





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

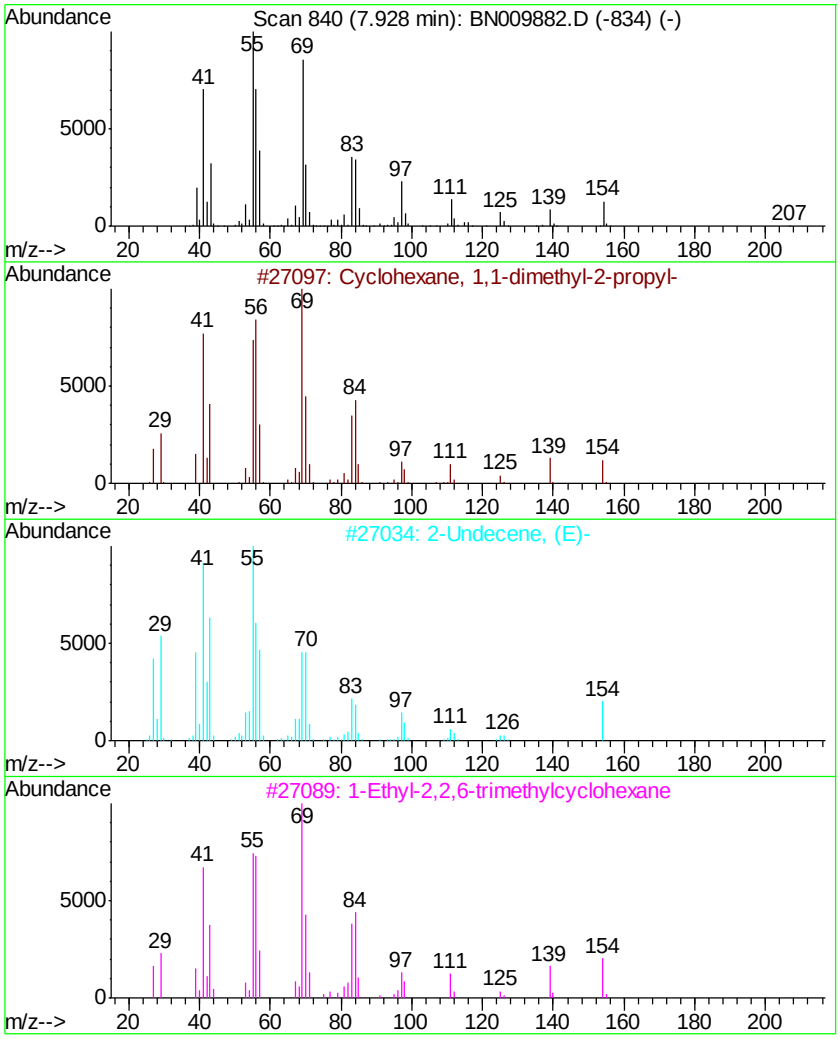
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

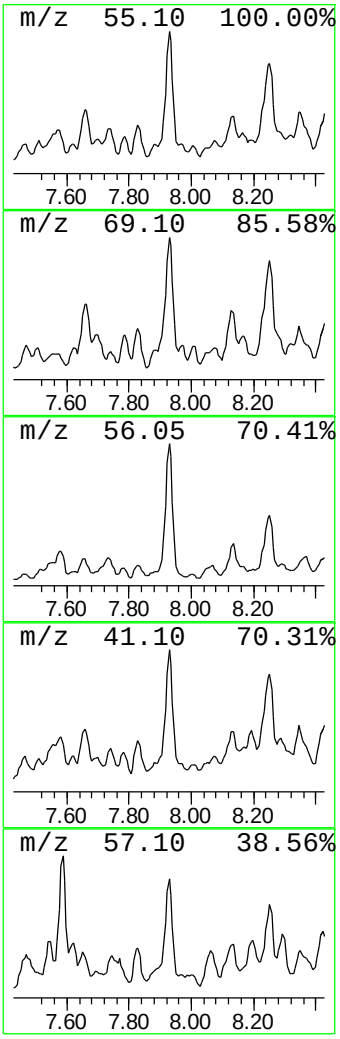
****

Peak Number 21 (DEL) Alkane: Cyclic7.93 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	58.65 ng/ul	4133550	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	93
2	2-Undecene, (E)-	154	C11H22	000693-61-8	87
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	86
4	4-Undecene, (E)-	154	C11H22	000693-62-9	86
5	Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	86





Library Search Compound Report

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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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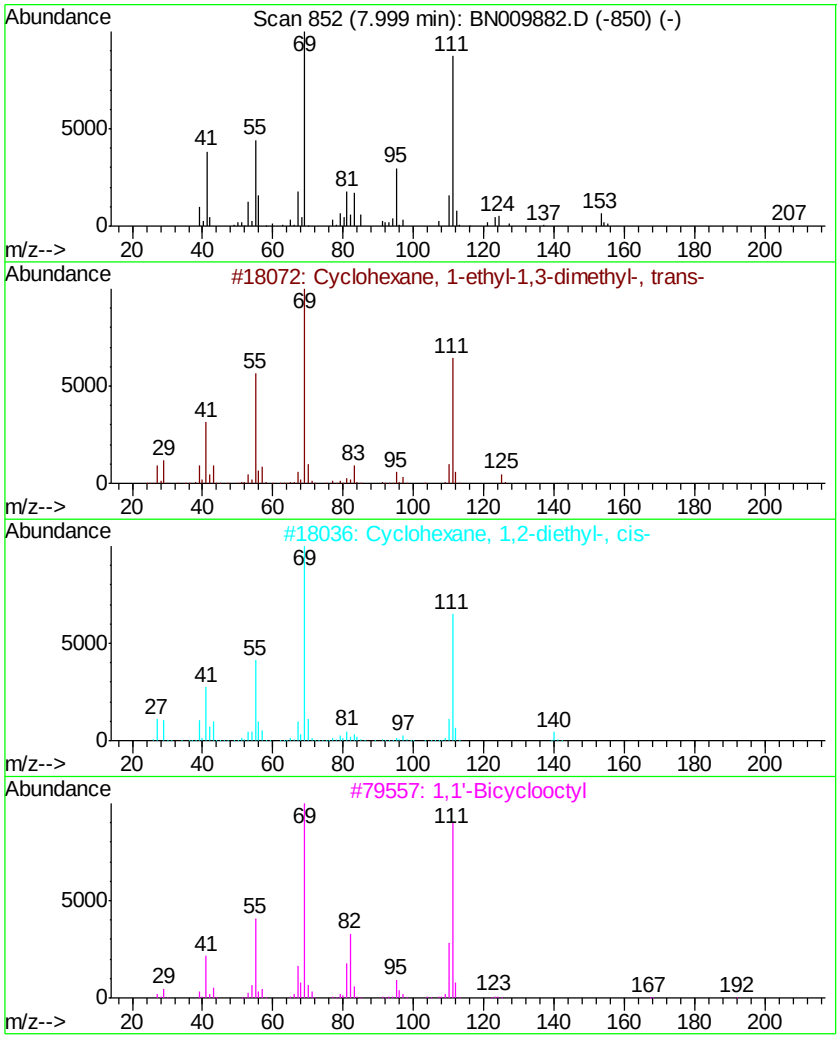
Quant Title : SVOA CALIBRATION

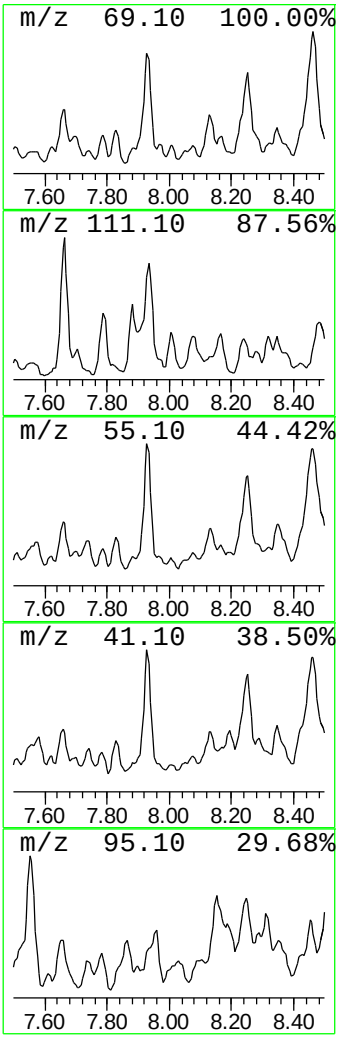
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic8.00 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.54 ng/ul	249562	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	64
2	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	59
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	59
4	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	59
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	59





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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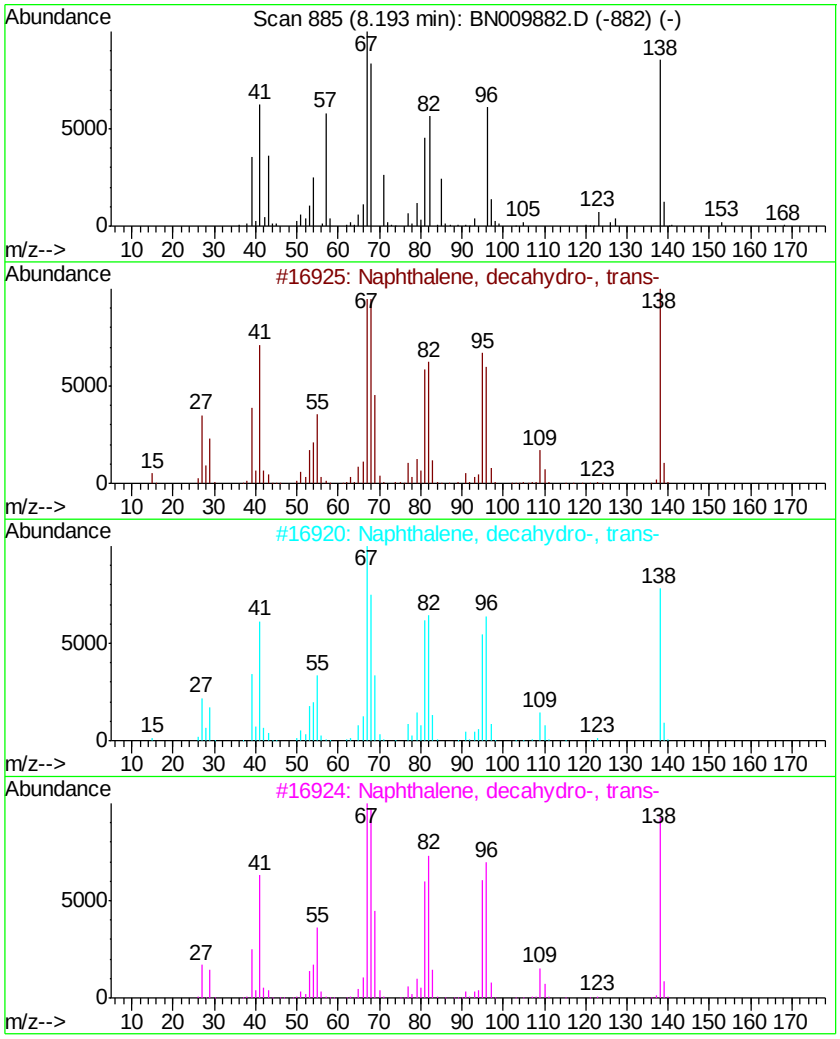
Quant Title : SVOA CALIBRATION

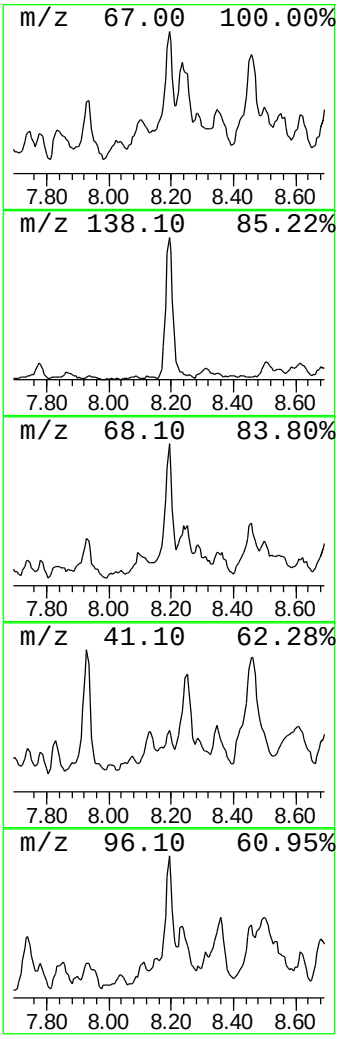
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, decahydro-, tr... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.81 ng/ul	480218	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	76
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	58
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	53





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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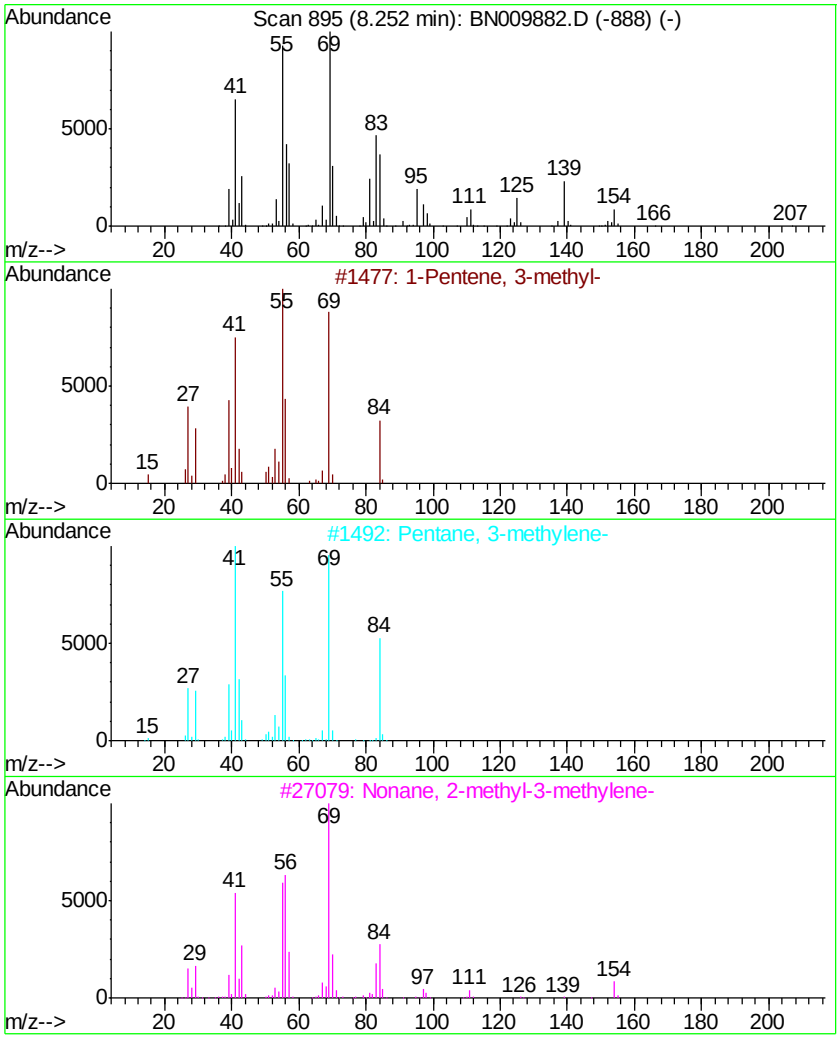
Quant Title : SVOA CALIBRATION

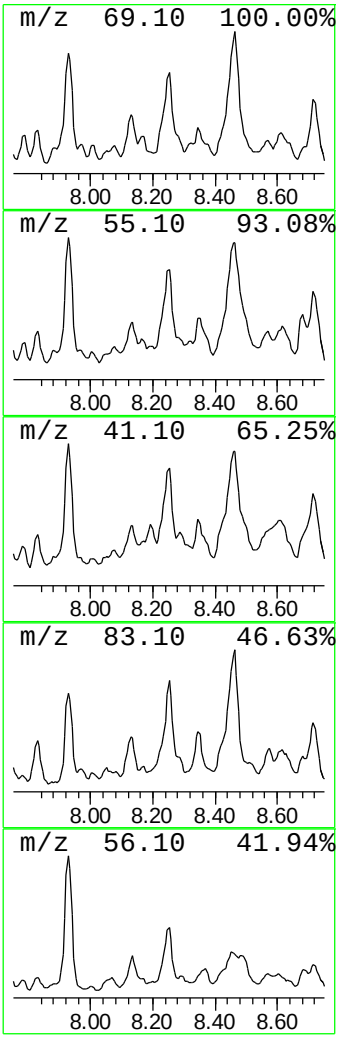
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	39.24 ng/ul	2765880	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	46
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	46
3	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	43
5	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	41





Library Search Compound Report

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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

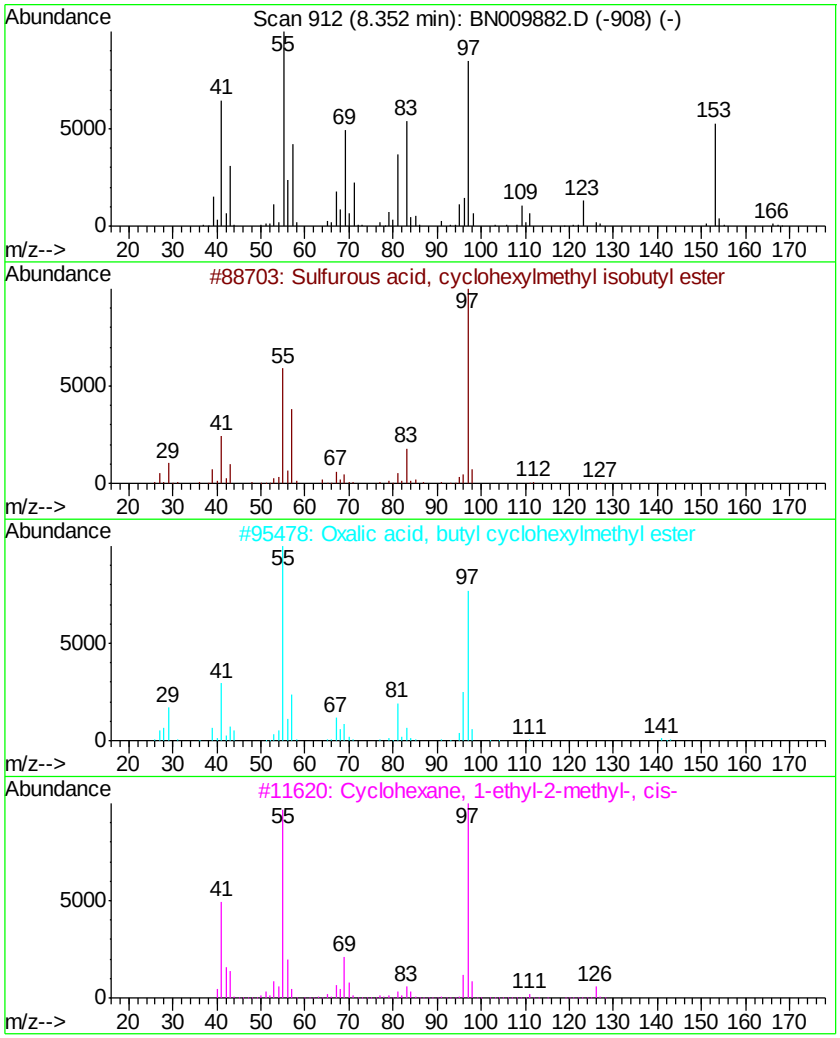
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

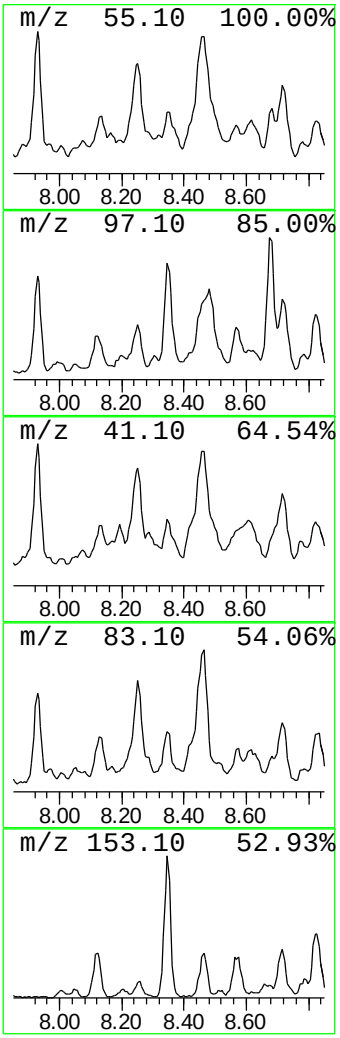
****

Peak Number 25 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	23.94 ng/ul	1687490	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	47
2	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	35
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	35
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	35
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	27





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

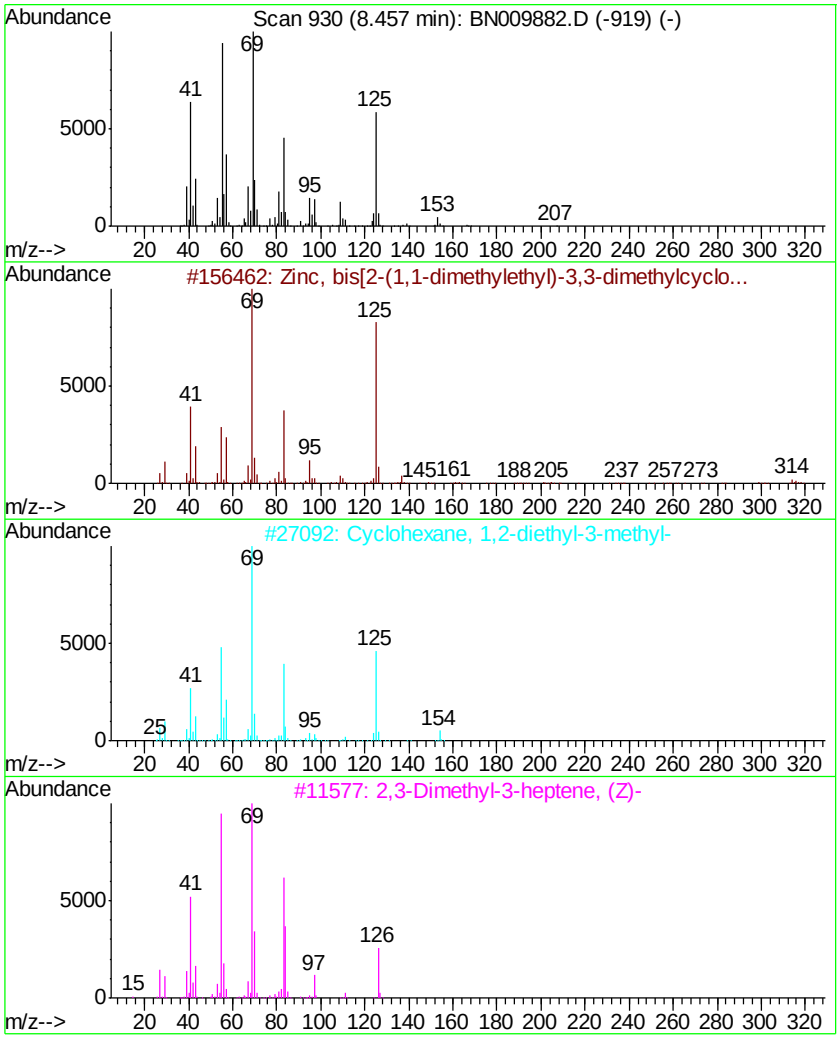
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

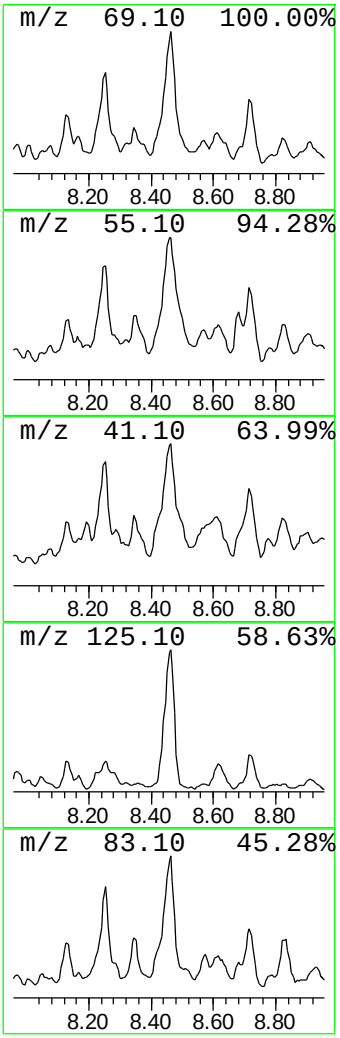
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	110.16 ng/ul	7764270	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	59
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	59
3	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	50
4	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	43
5	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	42





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Quant Title : SVOA CALIBRATION

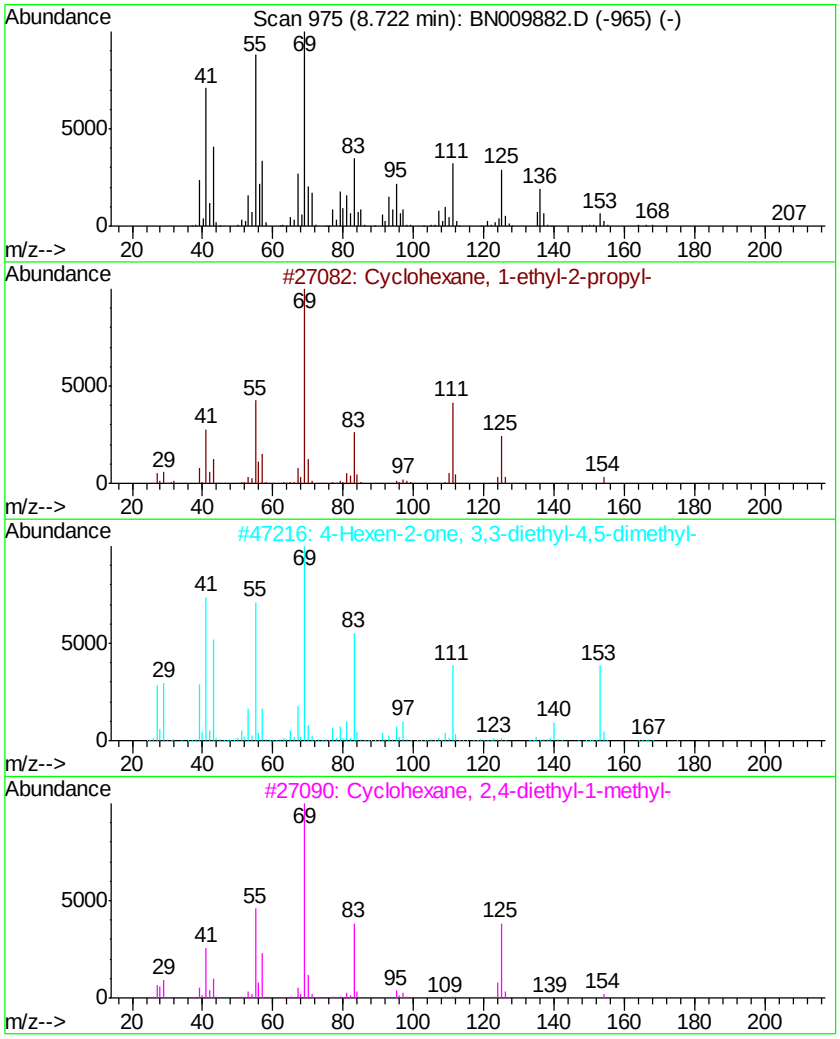
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

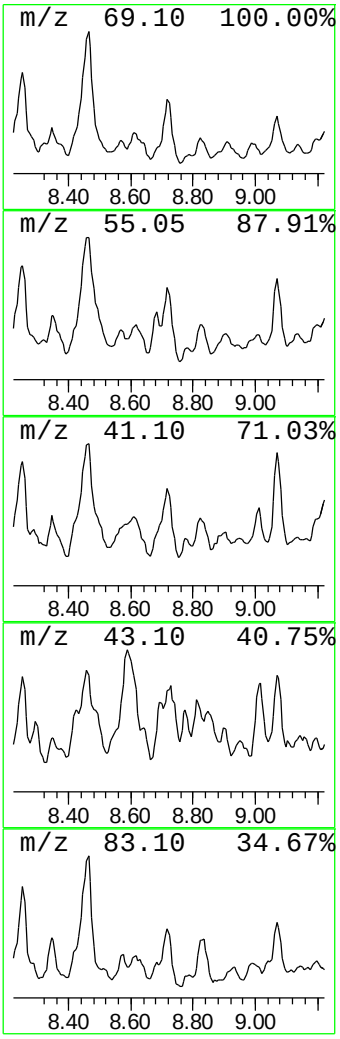
****

Peak Number 27 (DEL) Alkane: Cyclic8.72 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	52.74 ng/ul	3717160	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	52
2	4-Hexen-2-one, 3,3-diethyl-4,5-d...	182	C12H22O	1000149-30-4	50
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	47
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
5	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	43





Library Search Compound Report

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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

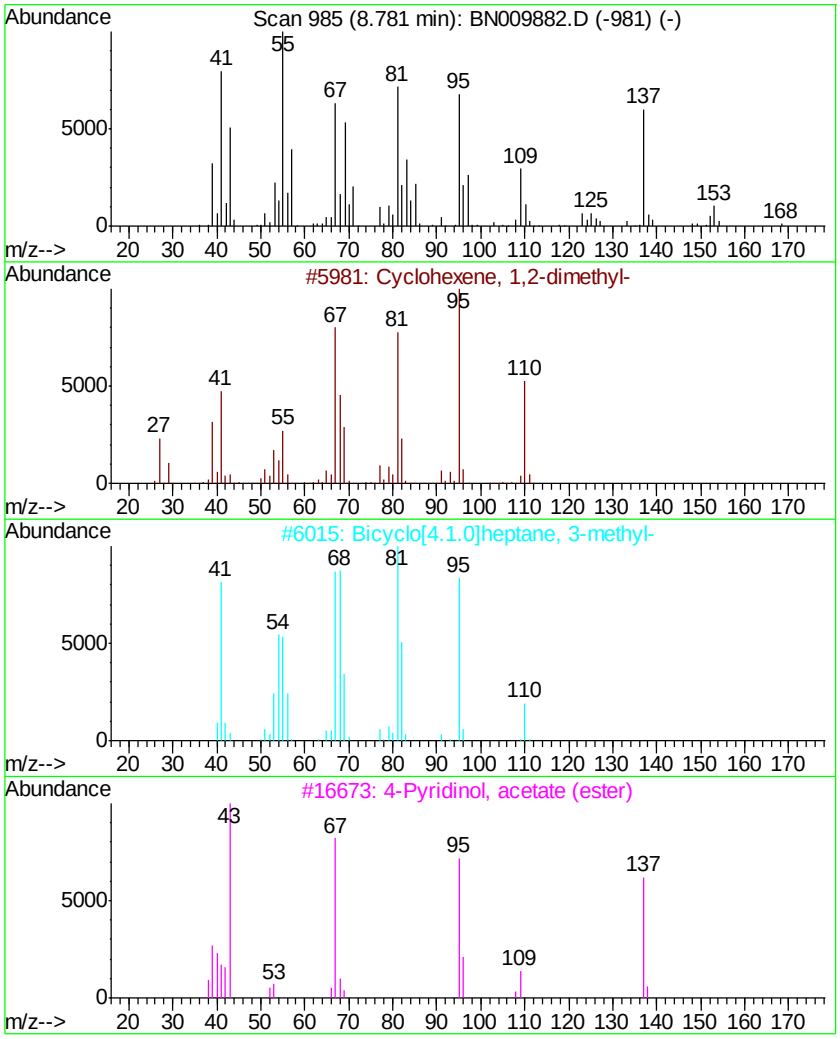
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

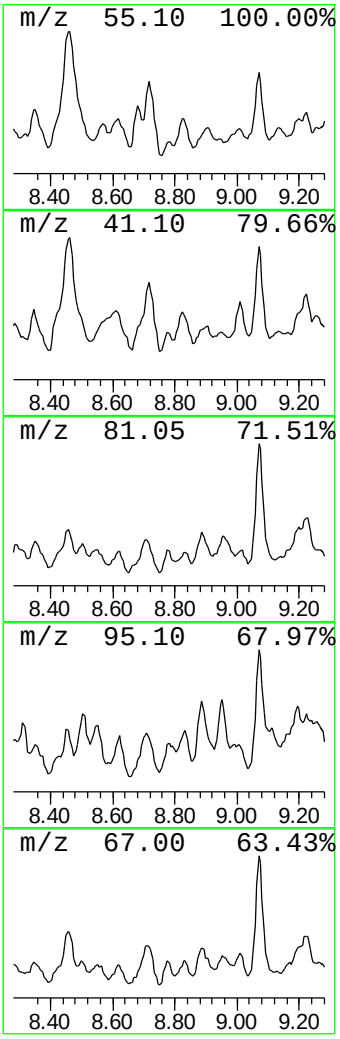
****

Peak Number 28 Cyclohexene, 1,2-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	6.48 ng/ul	620596	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	55
2	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	49
3	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	49
4	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	42
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	42





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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

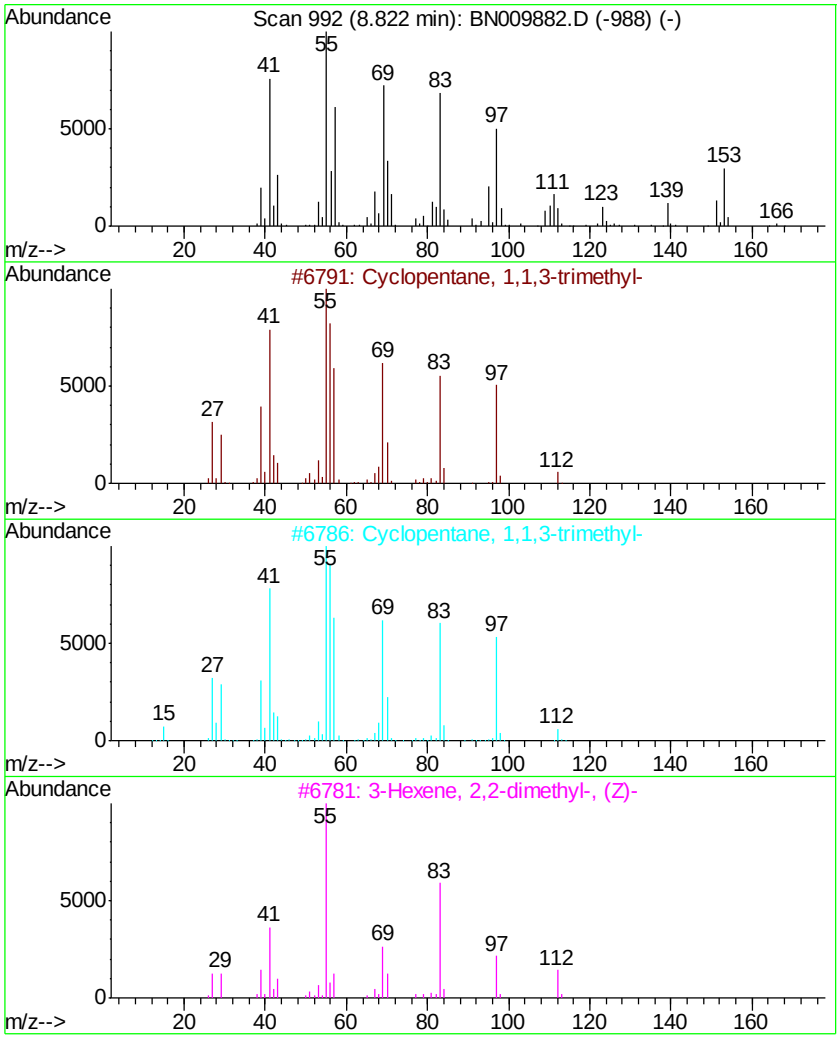
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

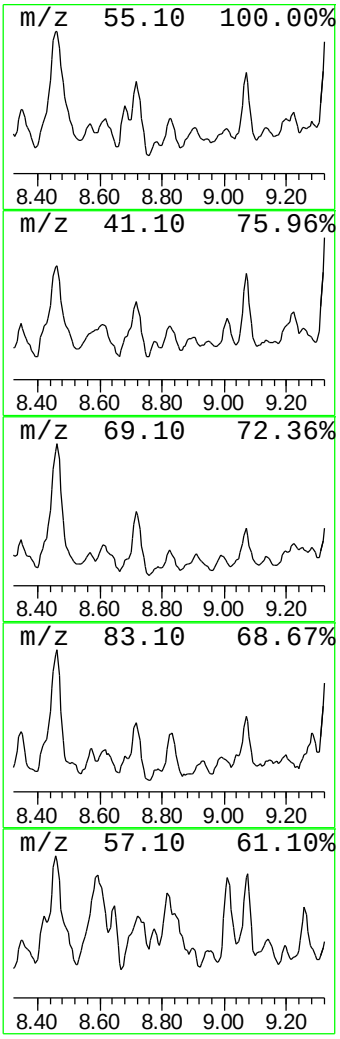
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic8.82 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	12.99 ng/ul	1243400	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	50
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	45
3	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	25
4	2,4-Pentadien-1-ol, 3-ethyl-, (2Z)-	112	C7H12O	1000142-17-6	22
5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	18





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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

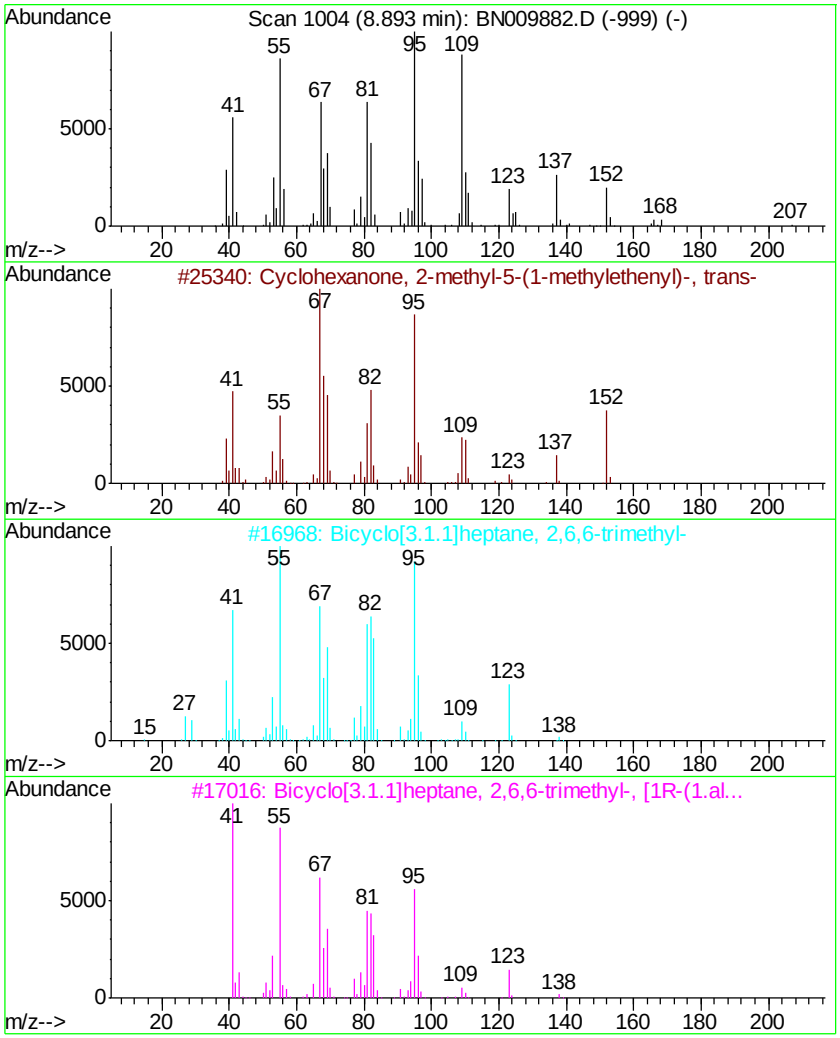
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

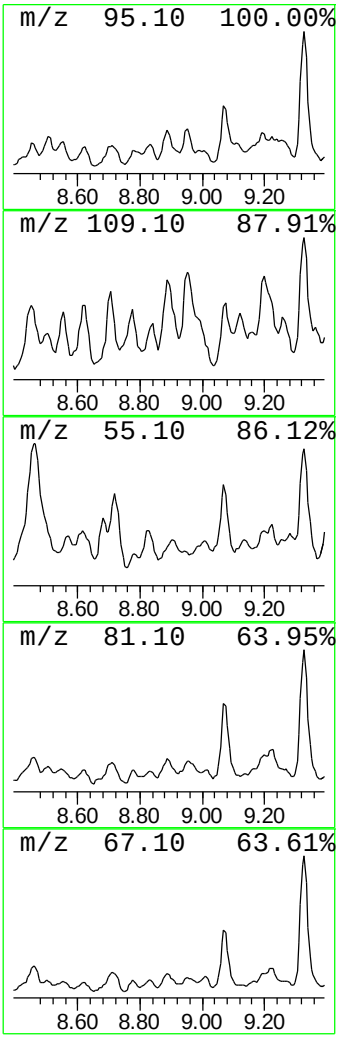
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Cyclohexanone, 2-methyl-5-(... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	9.98 ng/ul	955252	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	62
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	49
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	46
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	45
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	38





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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

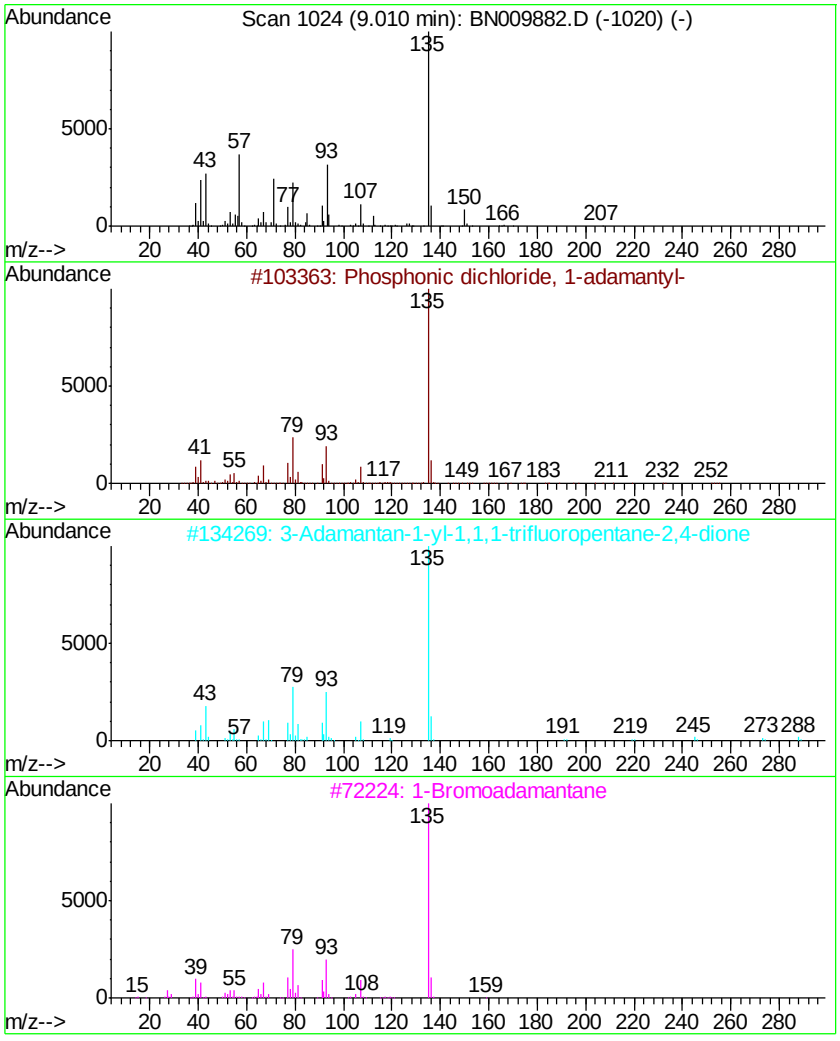
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

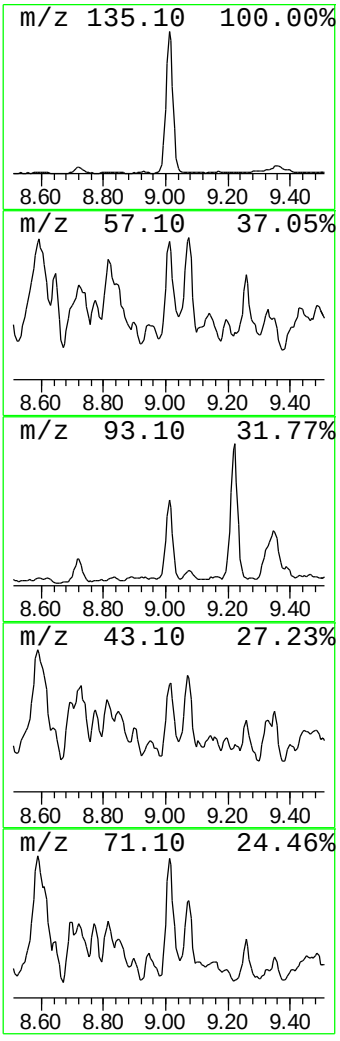
****

Peak Number 31 Phosphonic dichloride, 1-ad... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	15.44 ng/ul	1477820	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	64
2	3-Adamantan-1-yl-1,1,1-trifluoro...	288	C15H19F3O2	1000311-44-8	64
3	1-Bromoadamantane	214	C10H15Br	000768-90-1	64
4	Chloroacetic acid, 1-adamantylme...	242	C13H19ClO2	083813-49-4	64
5	1-Bromoadamantane	214	C10H15Br	000768-90-1	64





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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

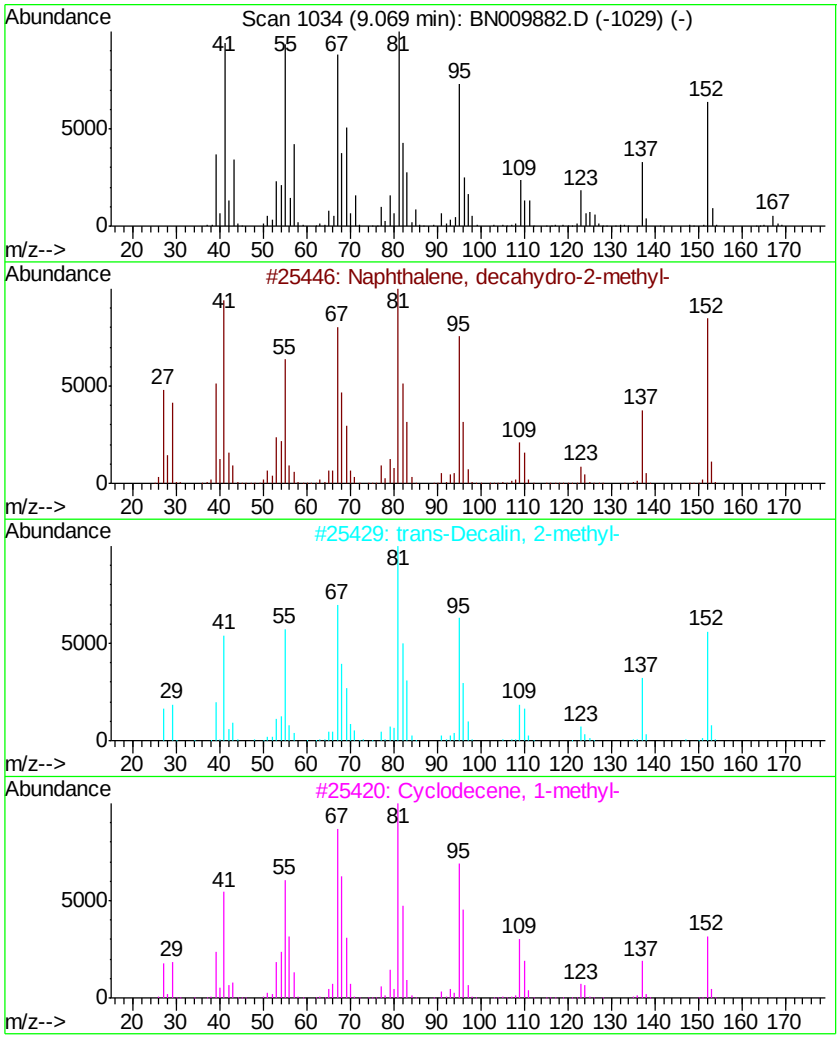
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

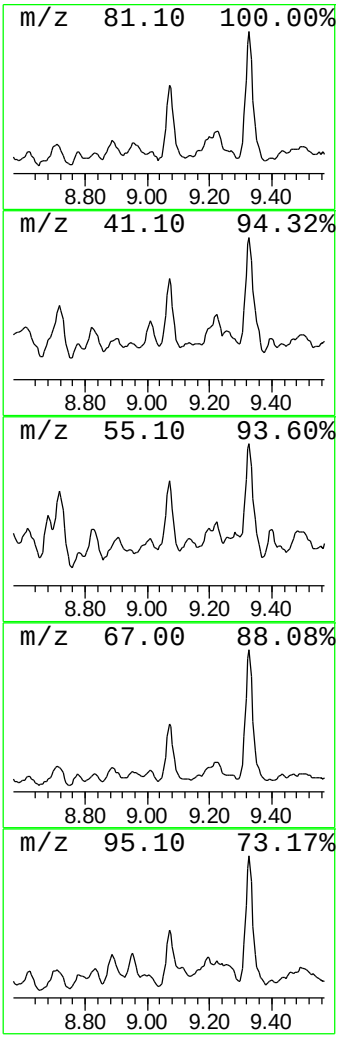
****

Peak Number 32 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	32.80 ng/ul	3140710	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	99
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	74
4	7-Hexadecyne	222	C16H30	074685-28-2	72
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	70





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

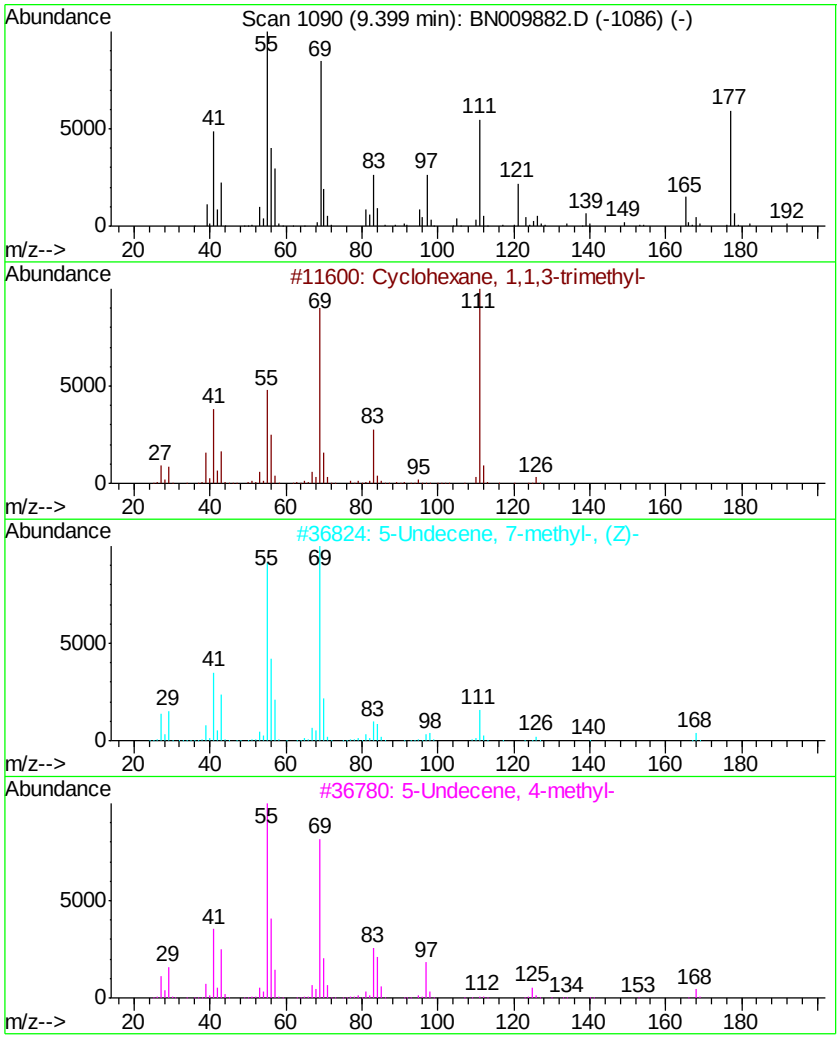
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

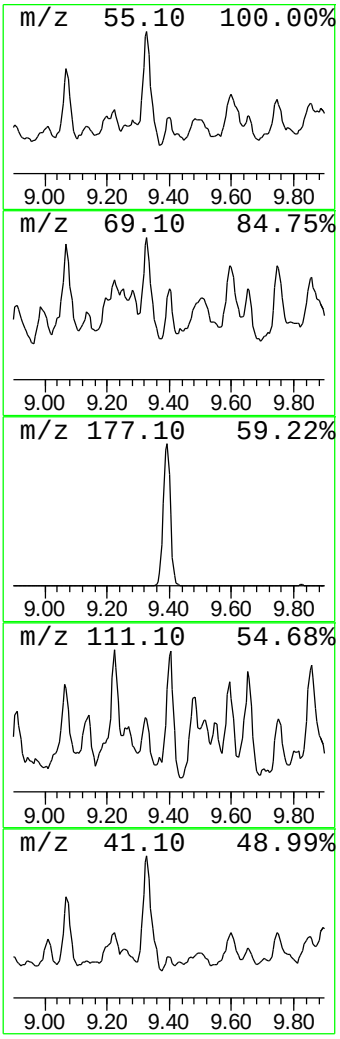
****

Peak Number 33 (DEL) Alkane: Cyclic9.40 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.67 ng/ul	542652	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
2	5-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-62-9	49
3	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	49
4	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	49
5	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46





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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

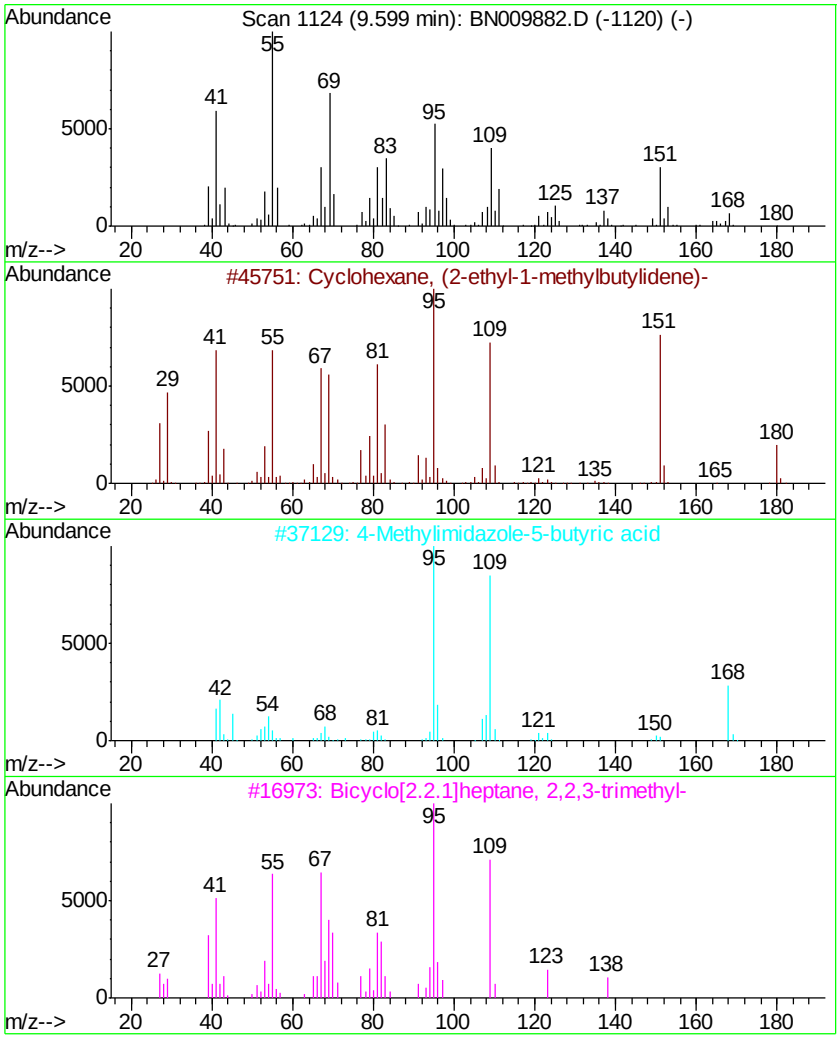
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

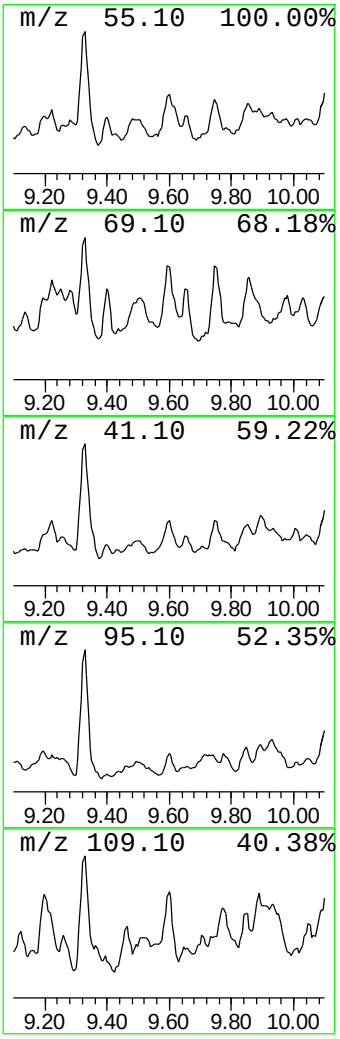
****

Peak Number 34 unknown-05 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	12.68 ng/ul	1214360	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	43
2	4-Methylimidazole-5-butyric acid	168	C8H12N2O2	1000129-14-7	38
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	30
4	8-Methyloctahydrocoumarin	168	C10H16O2	021197-56-8	27
5	Iridomyrmecin	168	C10H16O2	000485-43-8	25





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

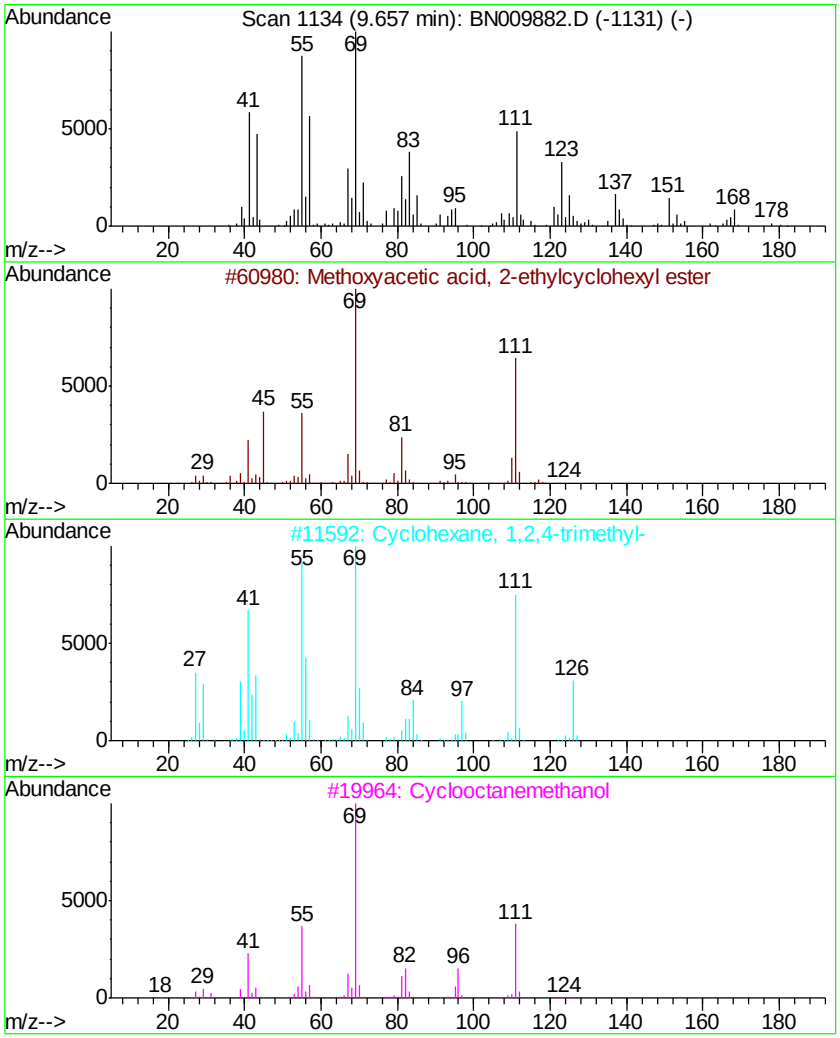
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

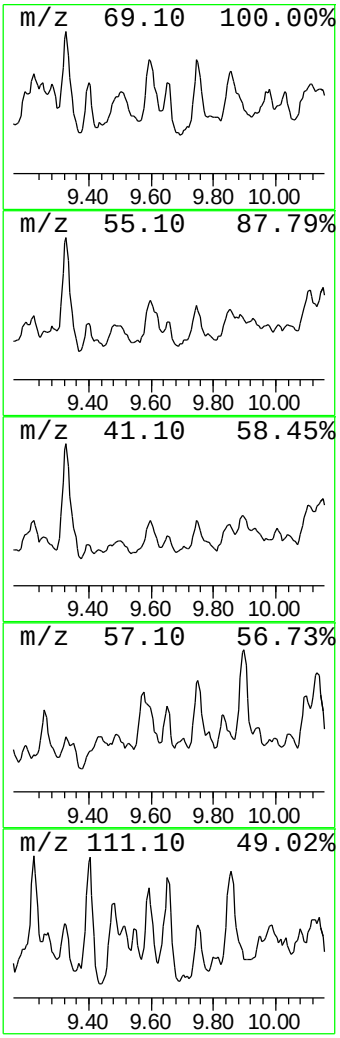
****

Peak Number 35 unknown-06 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	5.23 ng/ul	501020	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	47
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
3	Cyclooctanemethanol	142	C9H18O	003637-63-6	47
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	47
5	4-Allyl-1,6-heptadiene-4-ol	152	C10H16O	010202-75-2	43





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Sample : L1418-06
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Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

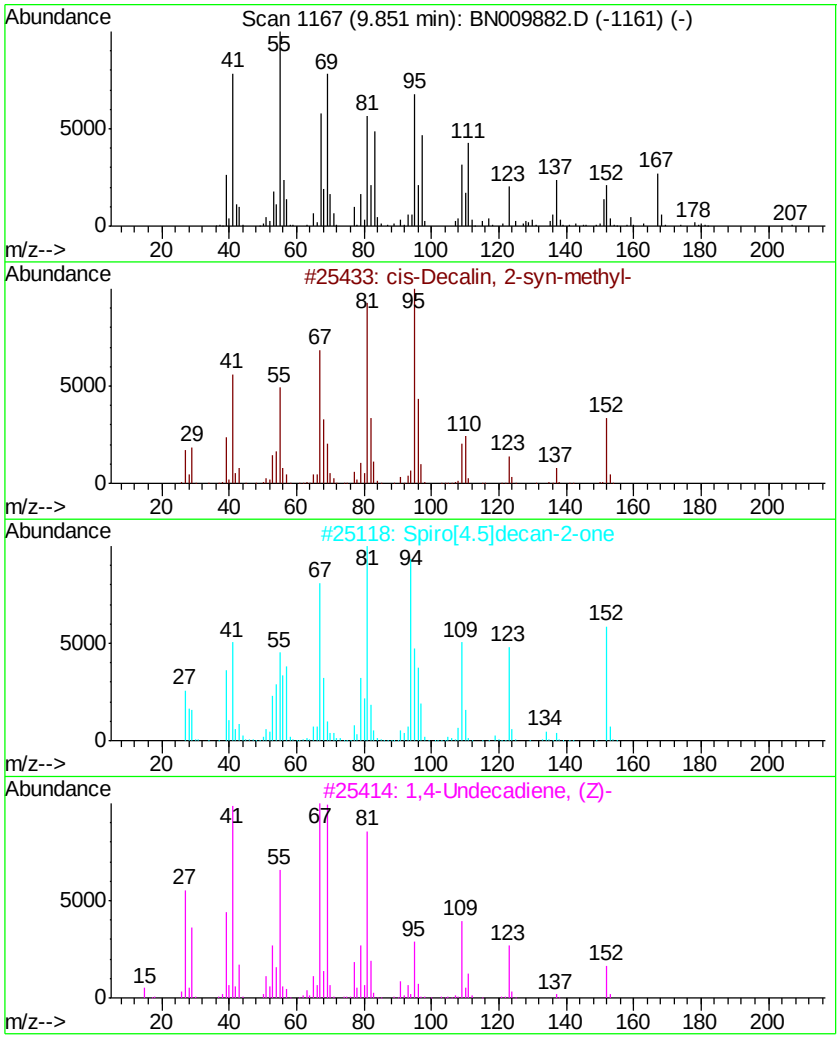
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

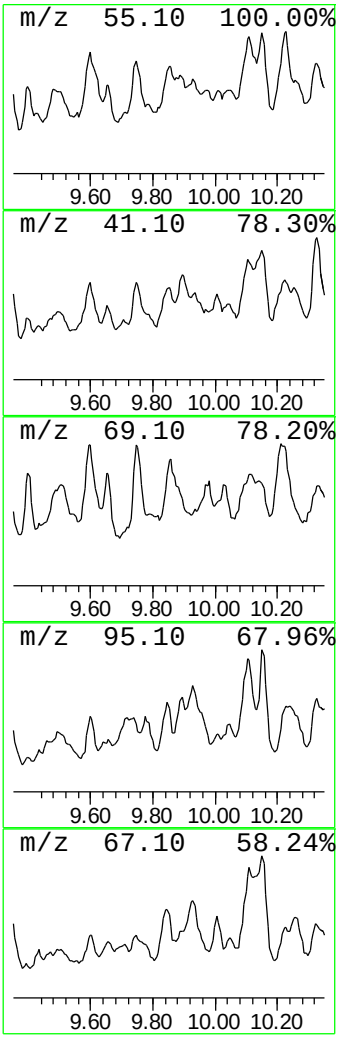
****

Peak Number 36 unknown-07 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	15.38 ng/ul	1472450	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	35
2	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	35
3	1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	35
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	30
5	Carane, 4,5-epoxy-, trans	152	C10H16O	006909-20-2	25





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

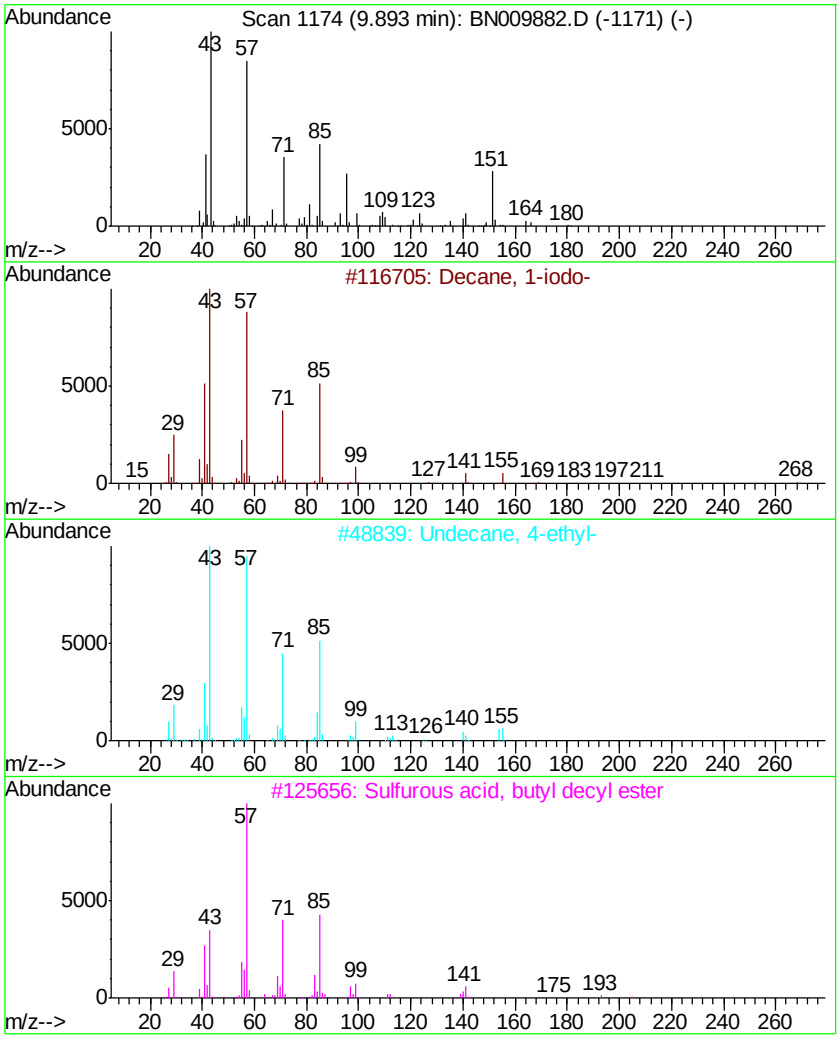
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

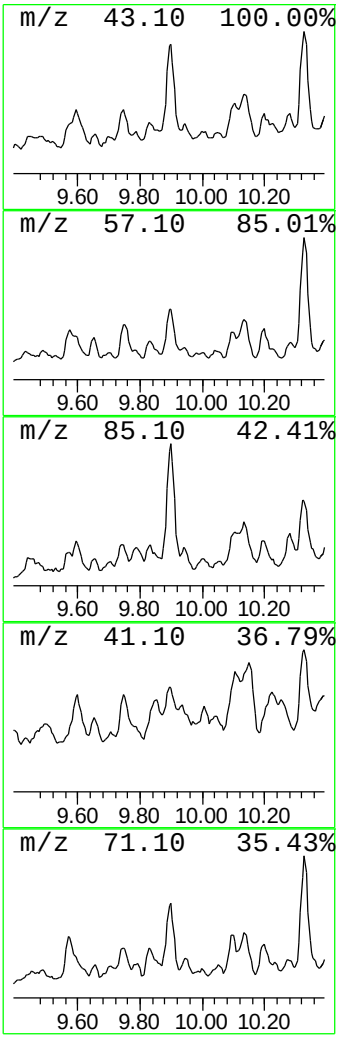
****

Peak Number 37 unknown-08 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	9.32 ng/ul	892630	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	43
2	Undecane, 4-ethyl-	184	C13H28	017312-59-3	38
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
4	Tridecane, 5-methyl-	198	C14H30	025117-31-1	37
5	Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	35





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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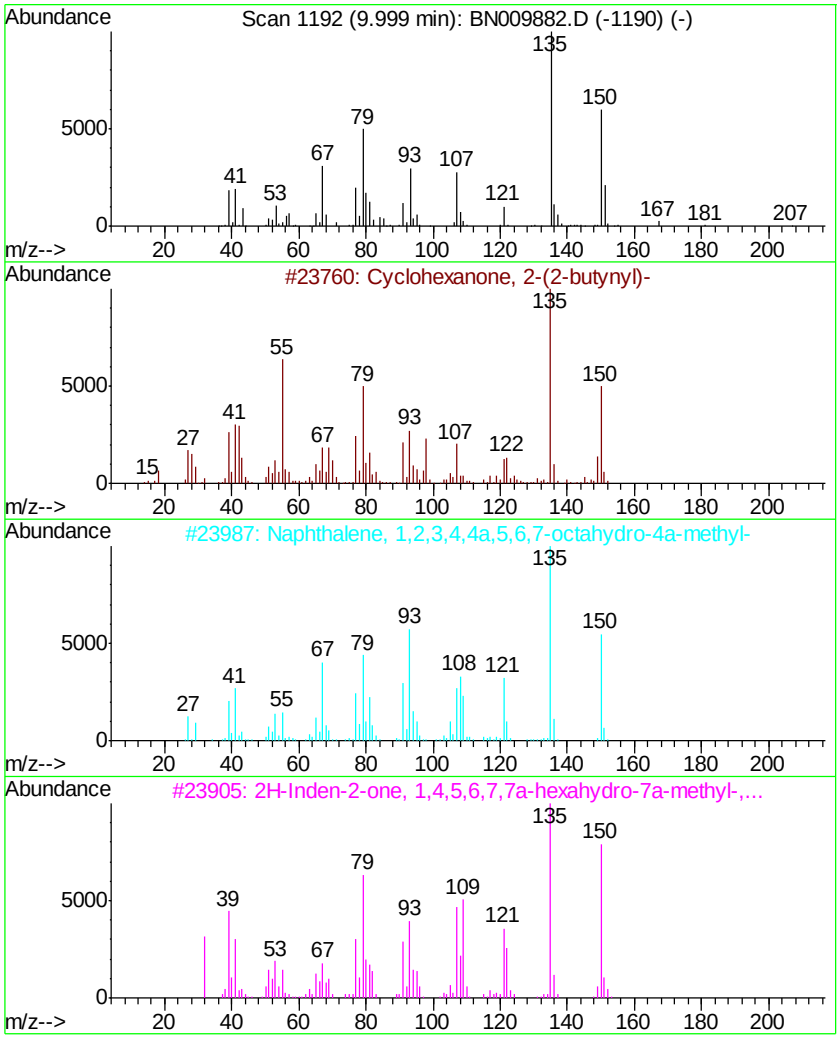
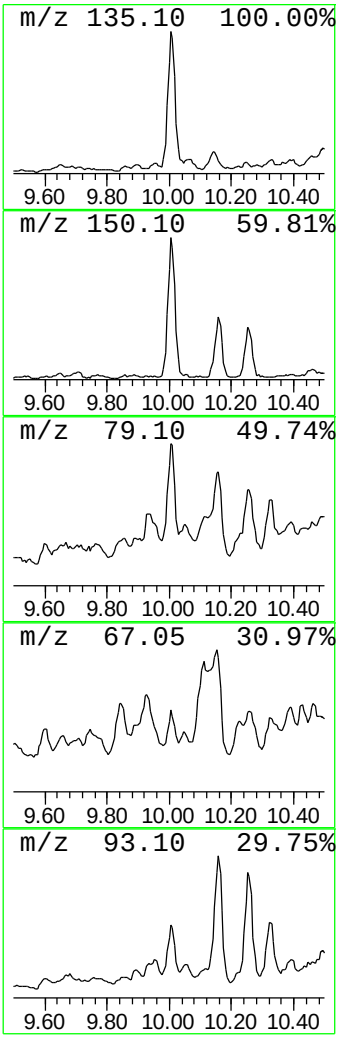
Peak Number 38 Cyclohexanone, 2-(2-butynyl)- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	6.26 ng/ul	599682	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	83
2	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	81
3	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	76
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
5	p-Cymen-7-ol	150	C10H14O	000536-60-7	53





Library Search Compound Report

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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

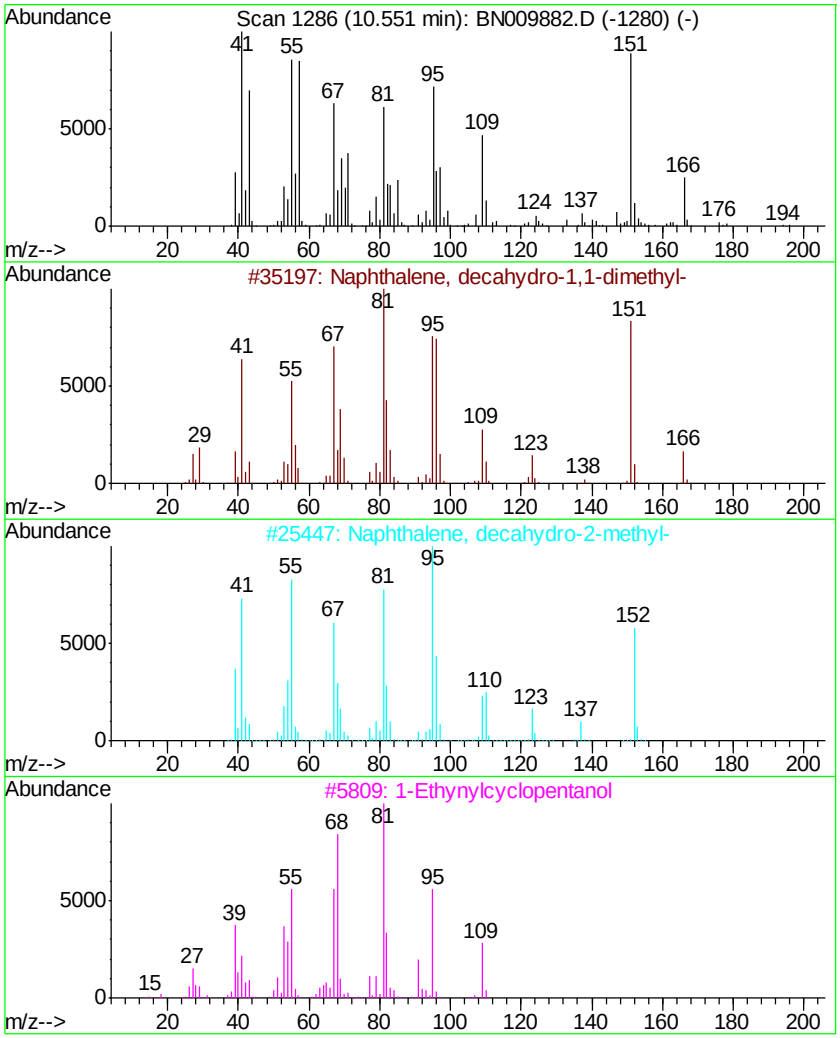
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

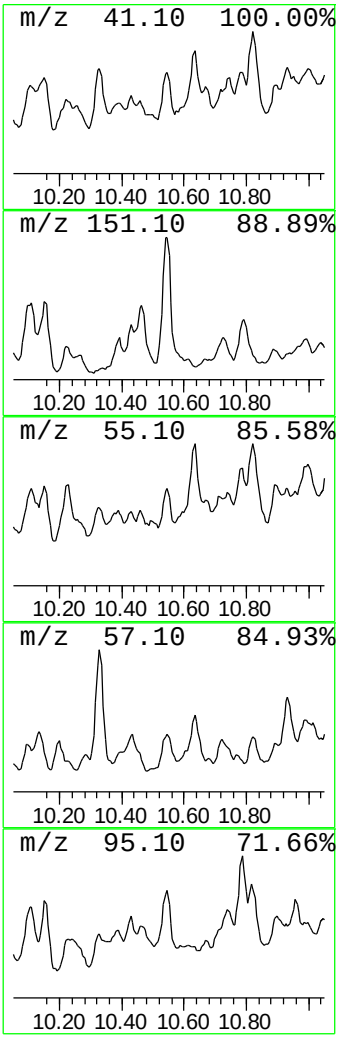
****

Peak Number 39 Naphthalene, decahydro-1,1-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	20.28 ng/ul	1941680	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	81
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
3	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	41
4	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	41
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38





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Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

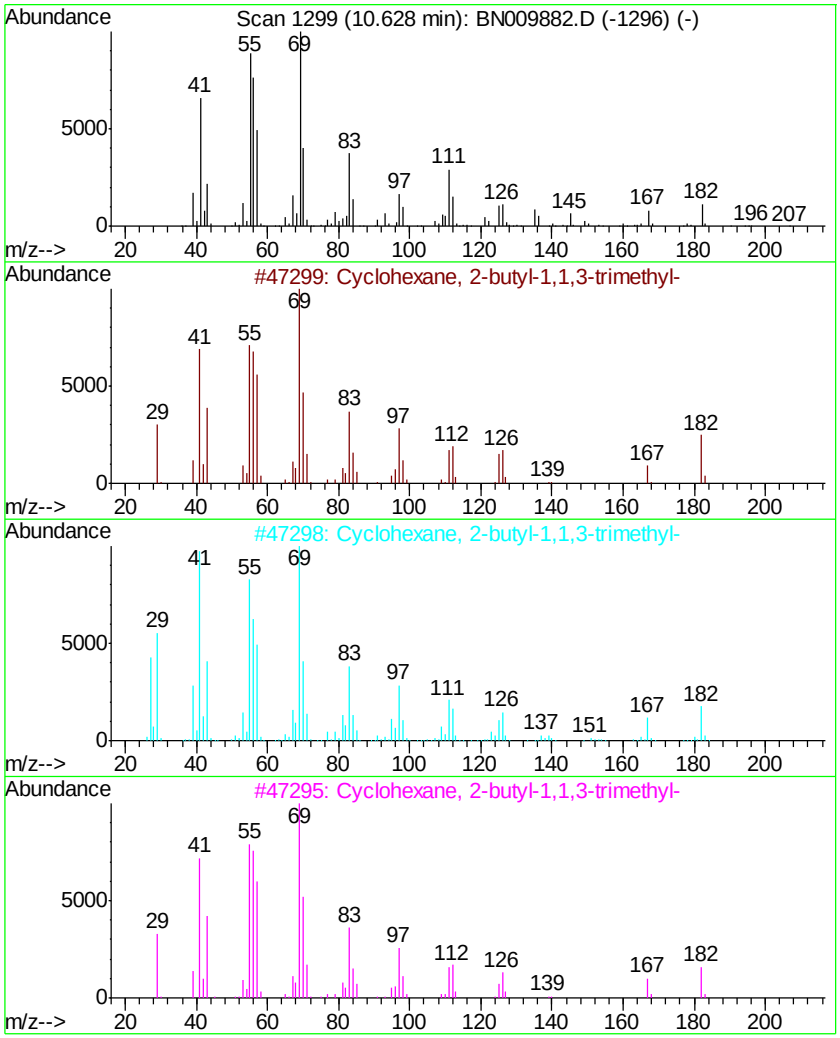
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

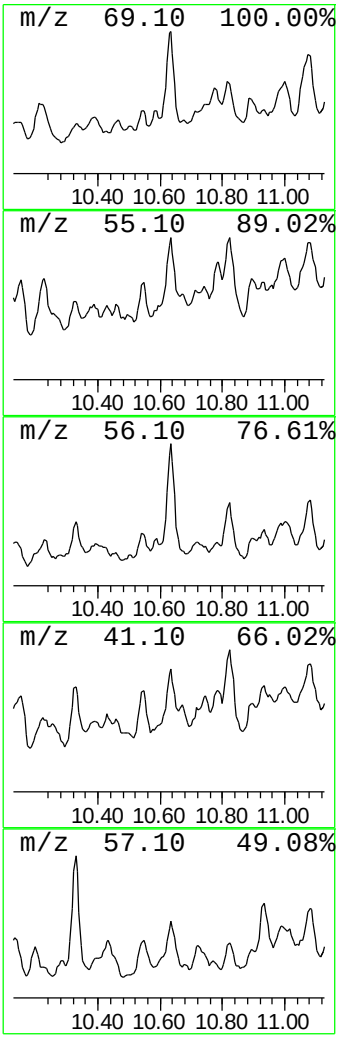
****

Peak Number 40 (DEL) Alkane: Cyclic10.63 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	19.55 ng/ul	1871590	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
4	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	90
5	4-Undecene, 2-methyl-, (E)-	168	C12H24	028665-57-8	76





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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

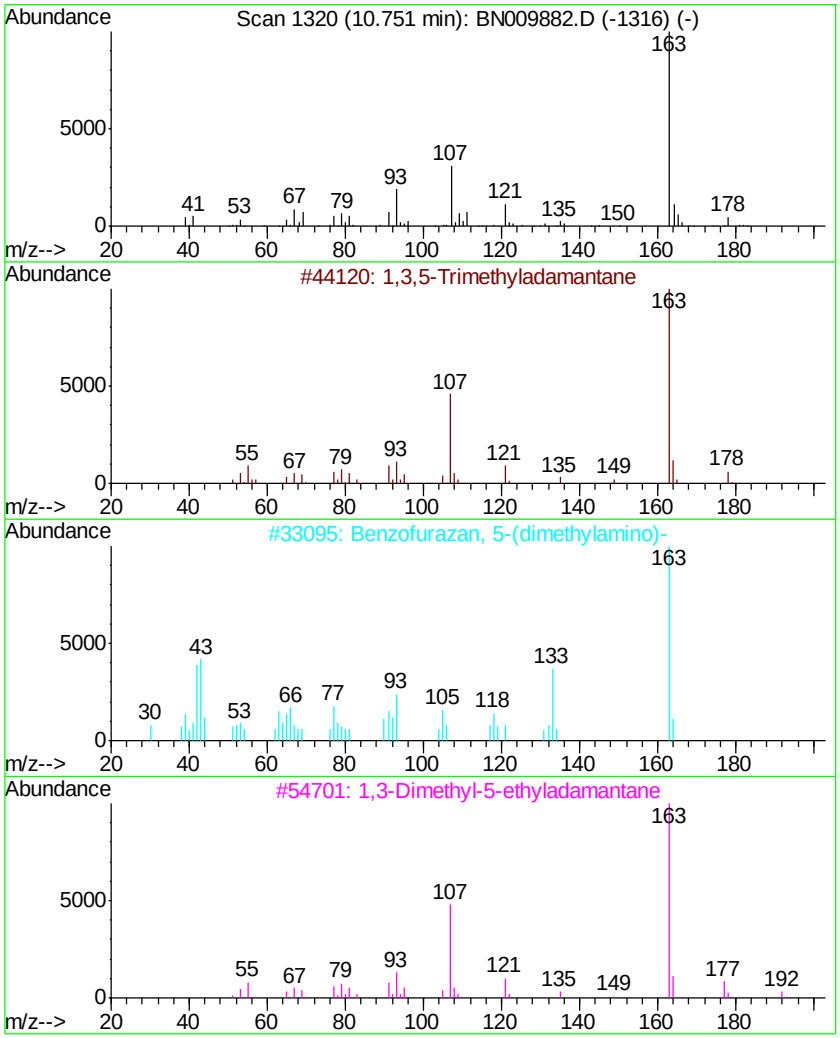
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

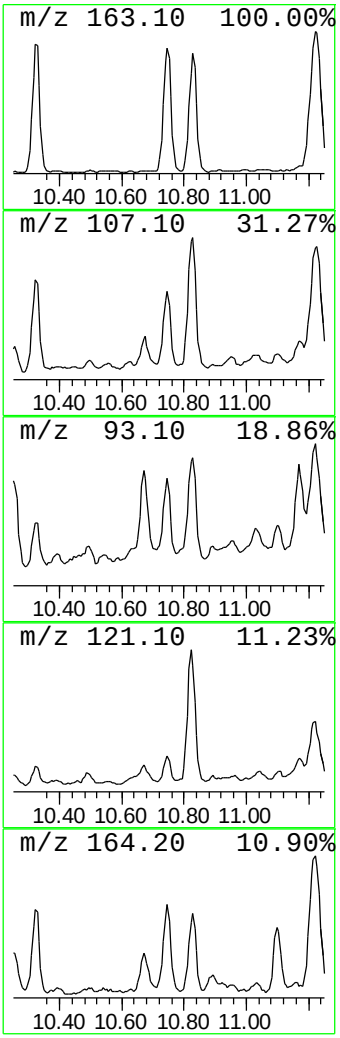
****

Peak Number 41 1,3,5-Trimethyladamantane Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	9.38 ng/ul	897824	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	81
2	Benzofurazan, 5-(dimethylamino)-	163	C8H9N3O	006124-22-7	53
3	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	50
4	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	50
5	s-Triazolo[4,3-a]pyrazine, 3-ami...	163	C7H9N5	019855-02-8	47





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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

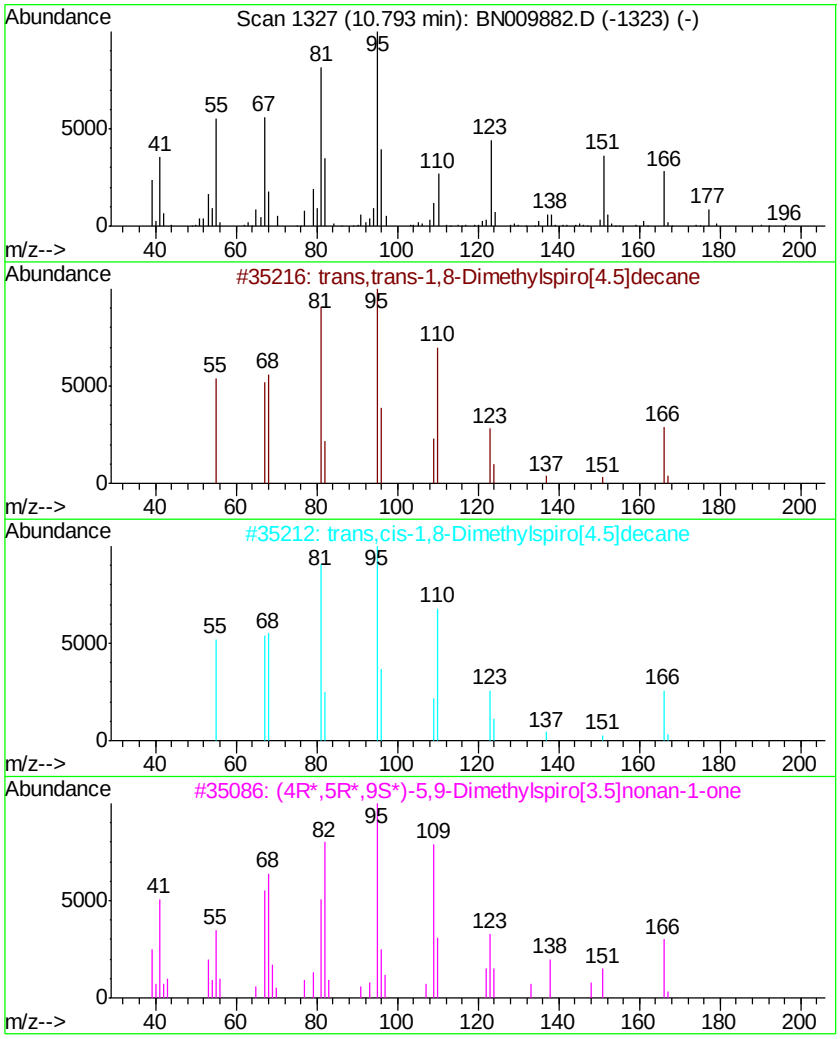
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

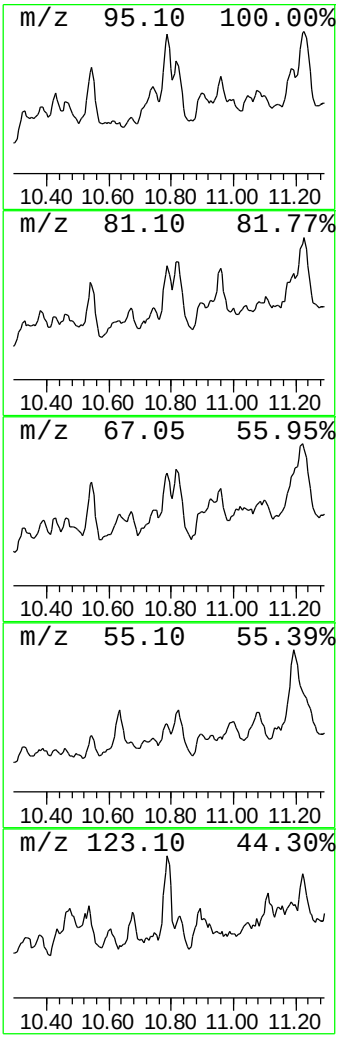
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 trans,trans-1,8-Dimethylspi... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	7.10 ng/ul	680118	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	81
2	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	76
3	(4R*,5R*,9S*)-5,9-Dimethylspiro[...	166	C11H18O	063088-19-7	58
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	46
5	cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	46





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

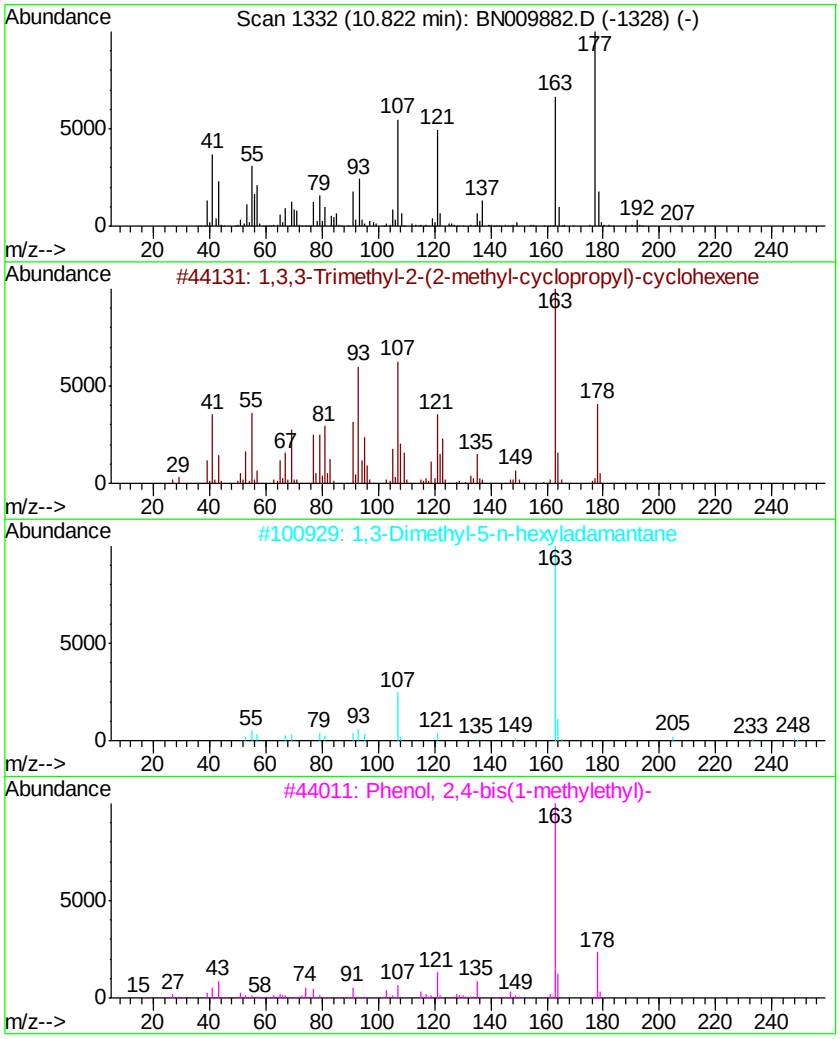
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

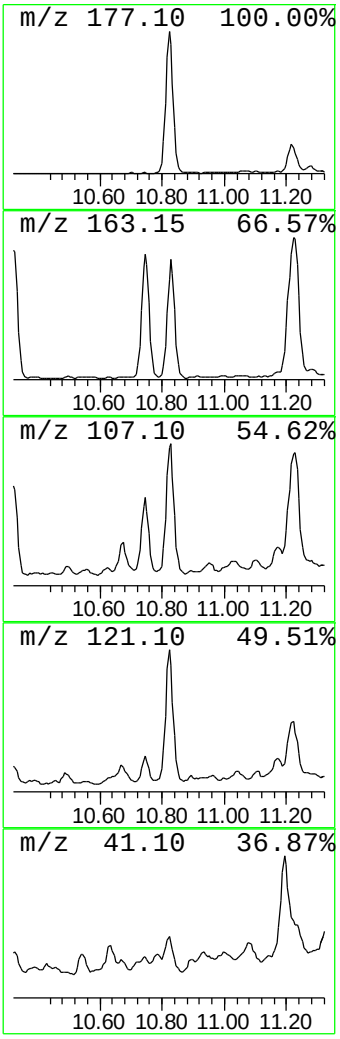
****

Peak Number 43 unknown-09 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	54.47 ng/ul	5214570	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,3-Trimethyl-2-(2-methyl-cycl...	178	C13H22	285129-06-8	35
2	1,3-Dimethyl-5-n-hexyladamantane	248	C18H32	052873-50-4	35
3	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	30
4	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	27
5	N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	27





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

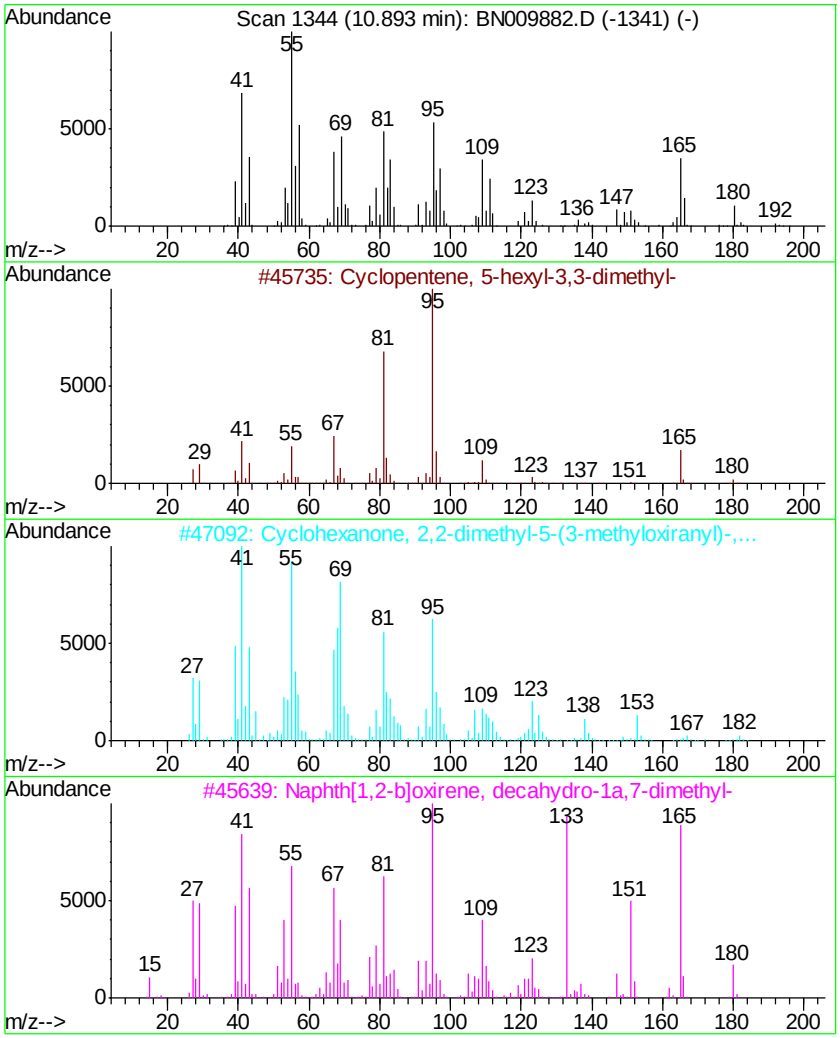
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

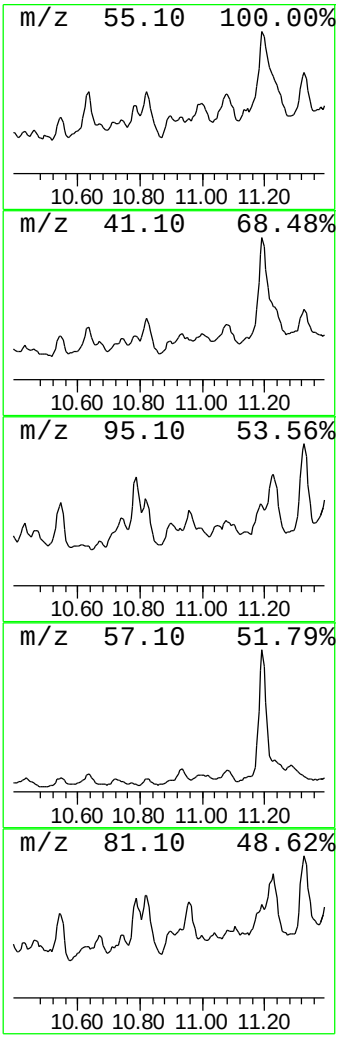
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Cyclopentene, 5-hexyl-3,3-d... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	11.98 ng/ul	1146820	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	50
2	Cyclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	45
3	Naphth[1,2-b]oxirene, decahydro-...	180	C12H20O	055976-08-4	43
4	Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	43
5	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	38





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

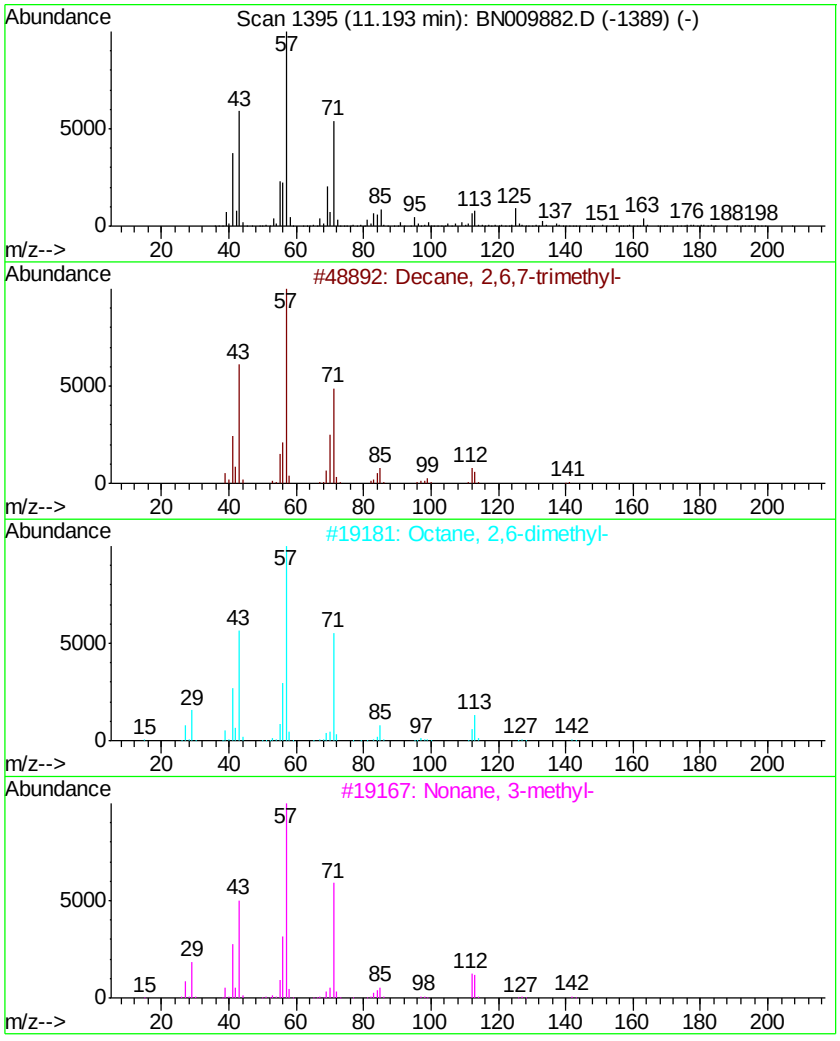
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

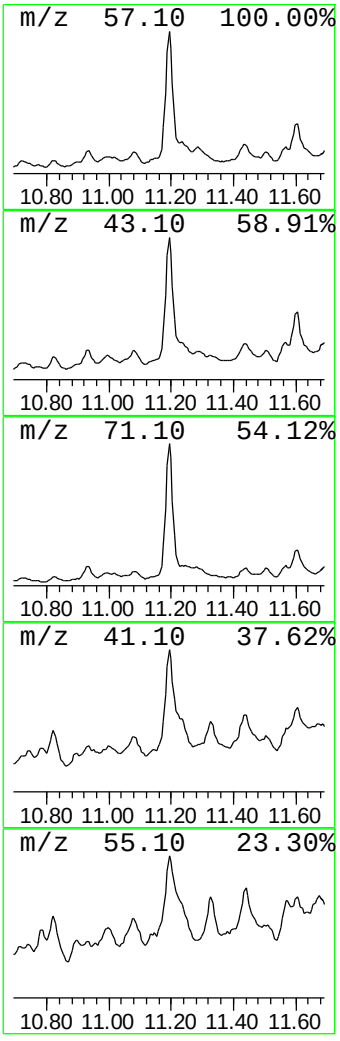
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	165.31 ng/ul	15827500	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

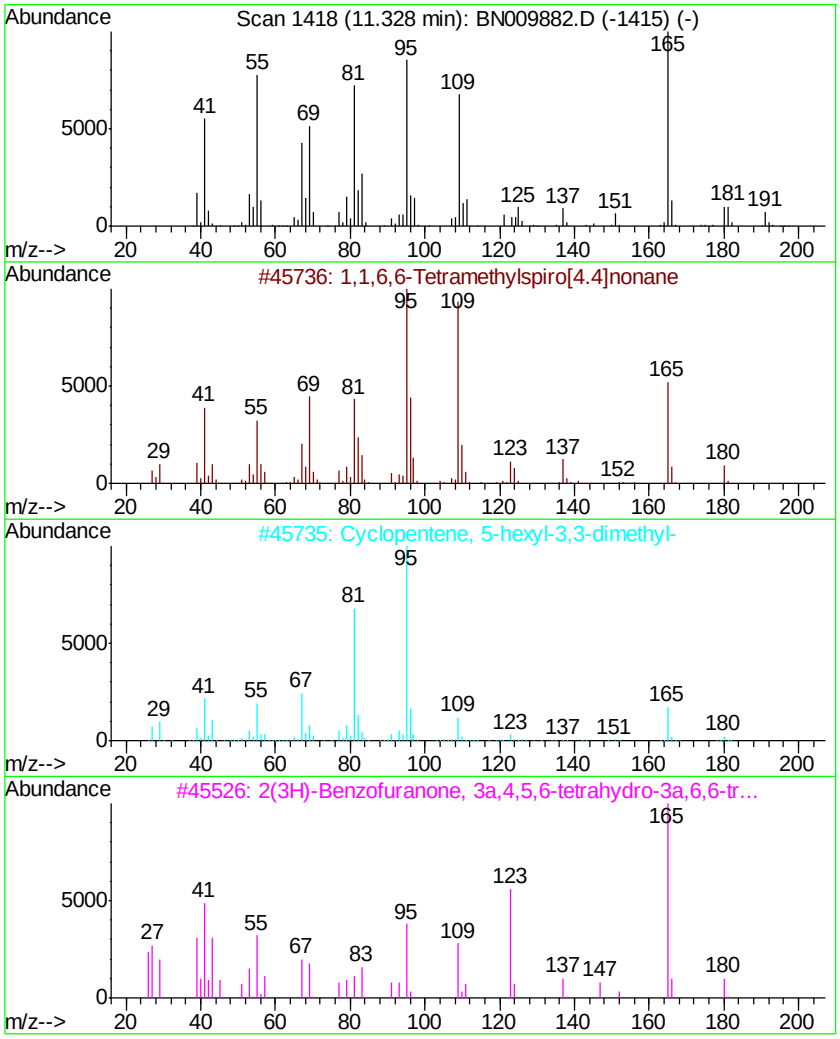
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

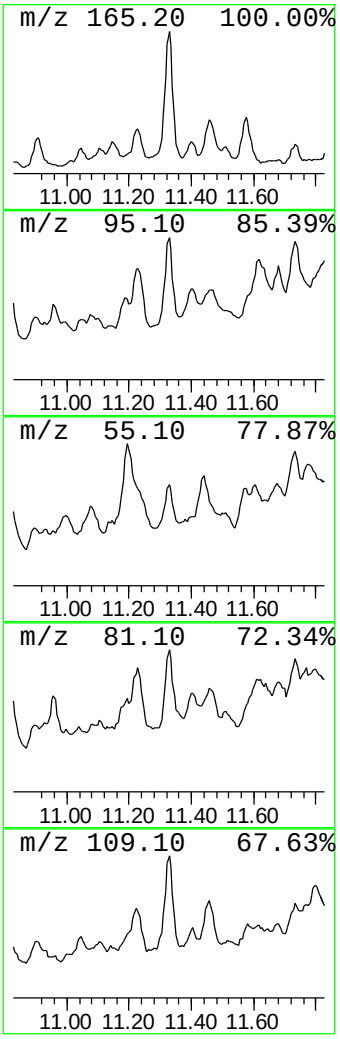
****

Peak Number 46 unknown-10 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	35.70 ng/ul	3418260	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	49
2	Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	49
3	2(3H)-Benzofuranone, 3a,4,5,6-te...	180	C11H16O2	016778-26-0	43
4	cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	38
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	30





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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

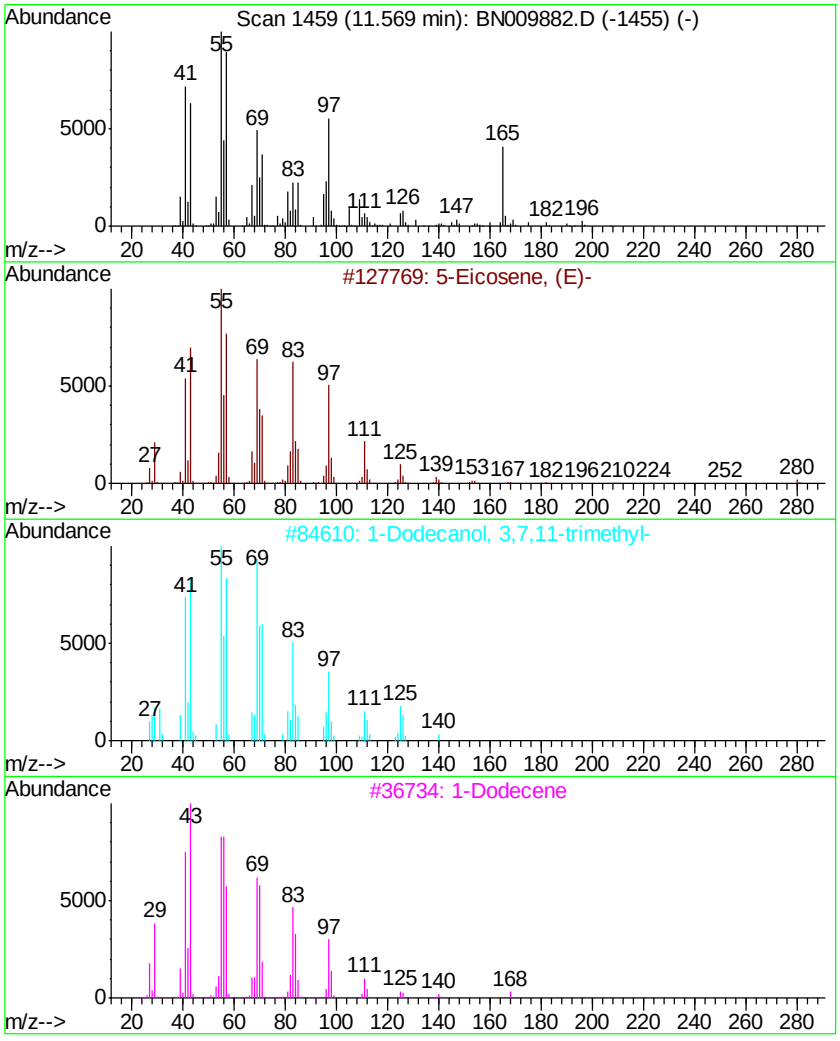
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

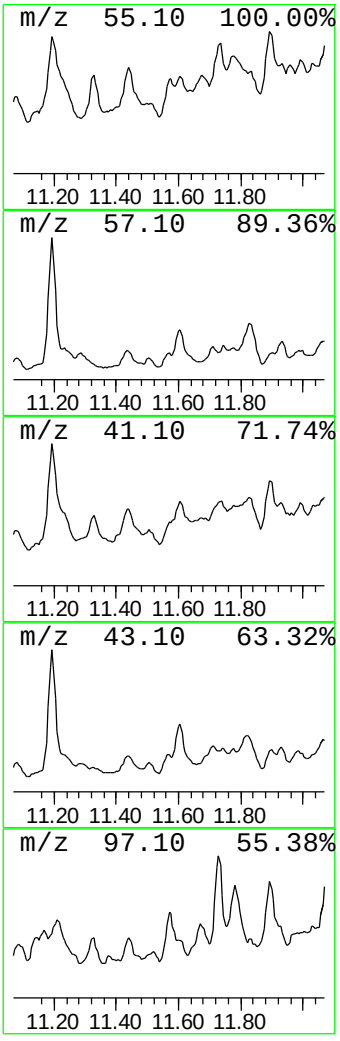
****

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	20.70 ng/ul	1982270	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	46
2	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	27
3	1-Dodecene	168	C12H24	000112-41-4	25
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	15





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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

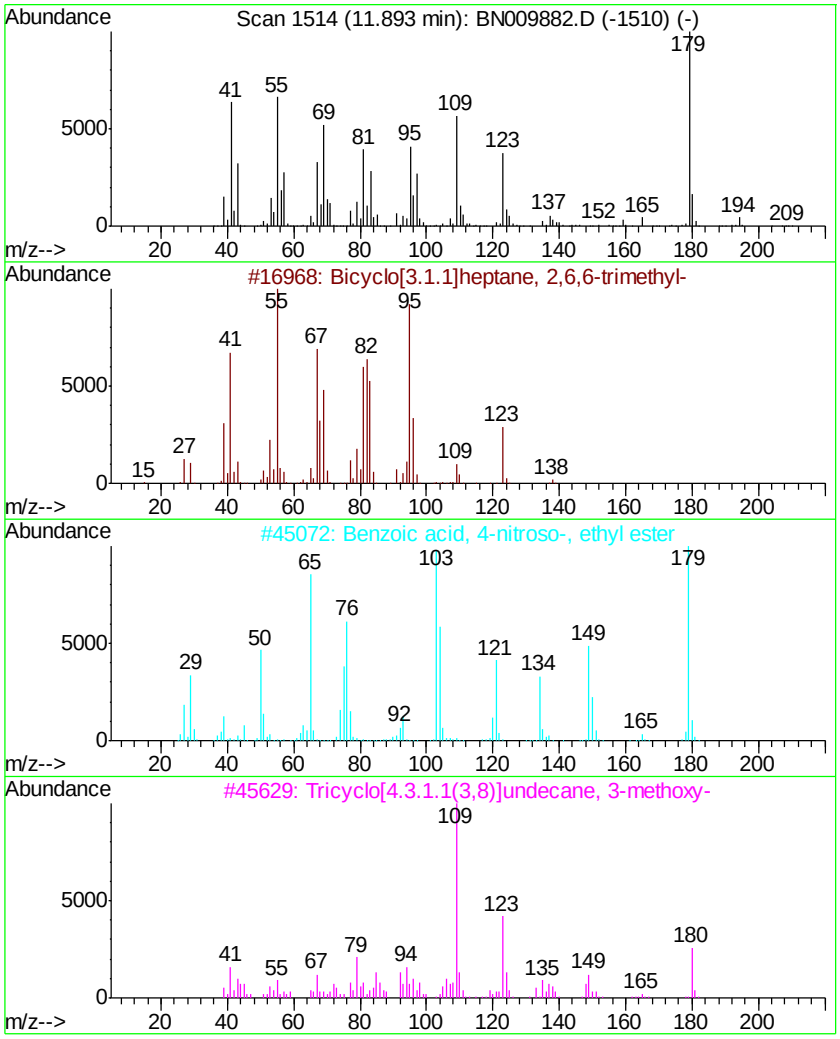
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

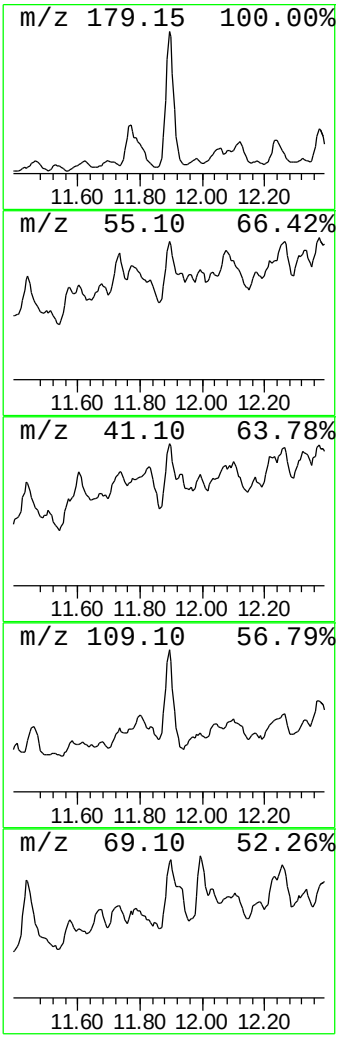
****

Peak Number 48 unknown-11 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	67.31 ng/ul	6444690	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38
2	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	22
3	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-92-0	18
4	(-)-trans-Pinane	138	C10H18	033626-25-4	18
5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	18





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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

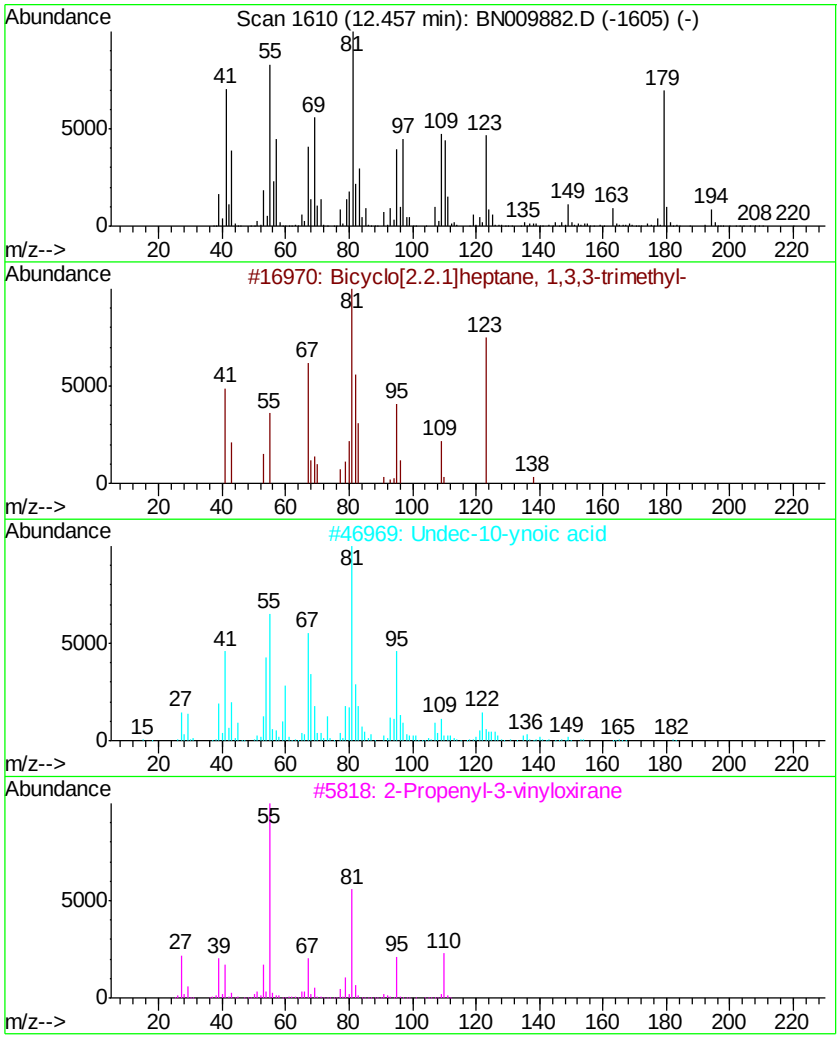
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

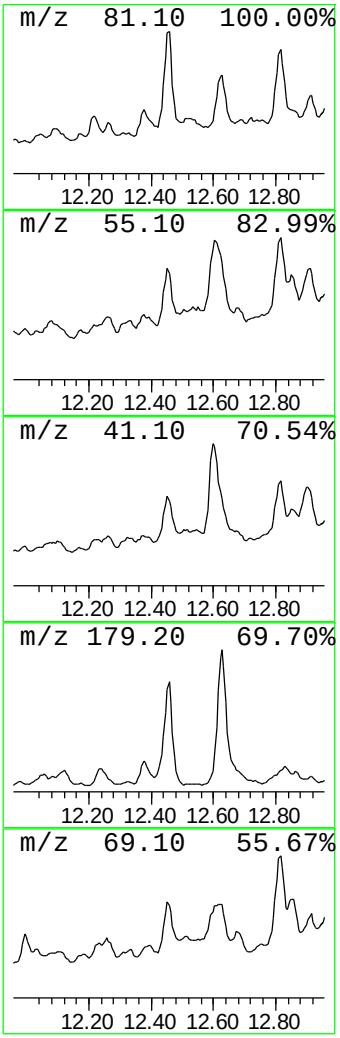
****

Peak Number 49 Bicyclo[2.2.1]heptane, 1,3,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	32.46 ng/ul	11137100	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	55
2	Undec-10-ynoic acid	182	C11H18O2	002777-65-3	41
3	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	38
4	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	38
5	Zinc, bis[2,2-dimethyl-3-(2-meth...	310	C18H30Zn	074842-24-3	35





Library Search Compound Report

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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

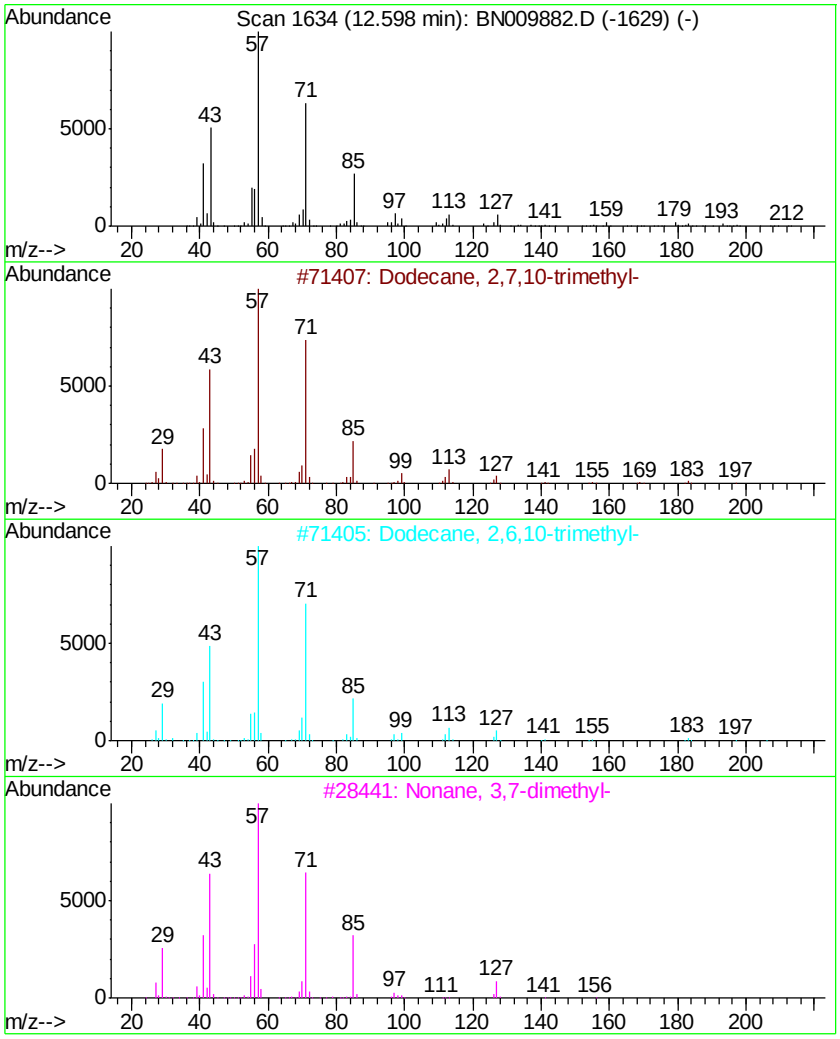
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

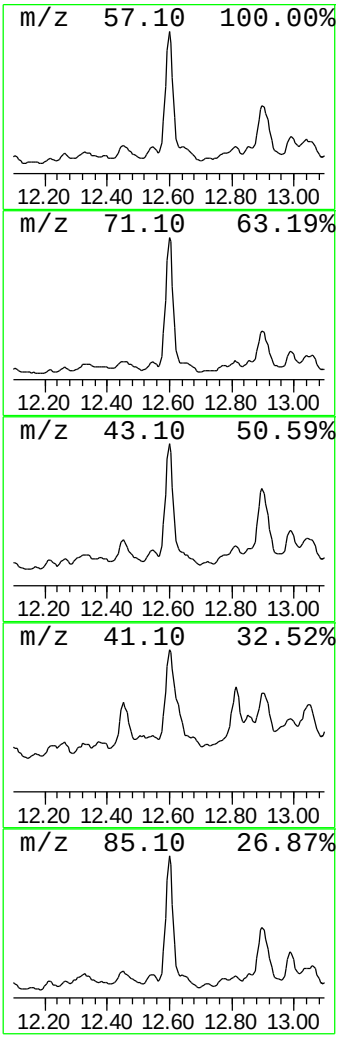
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	80.88 ng/ul	27754500	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	62
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53





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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

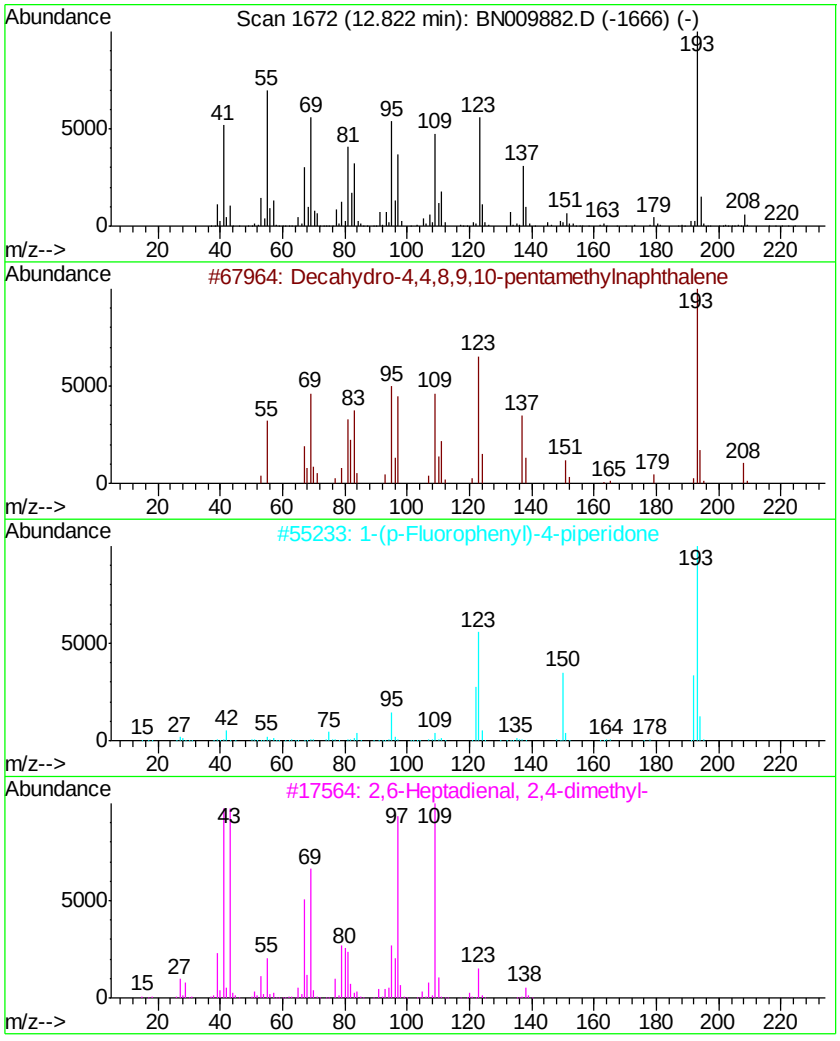
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

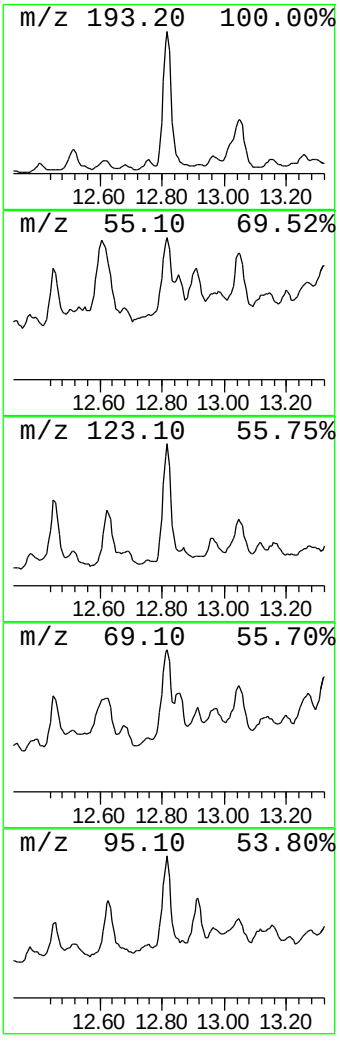
****

Peak Number 51 Decahydro-4,4,8,9,10-pentam... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	40.69 ng/ul	13962200	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	96
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	35
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
5	2-Anthracenamine	193	C14H11N	000613-13-8	22





Library Search Compound Report

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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

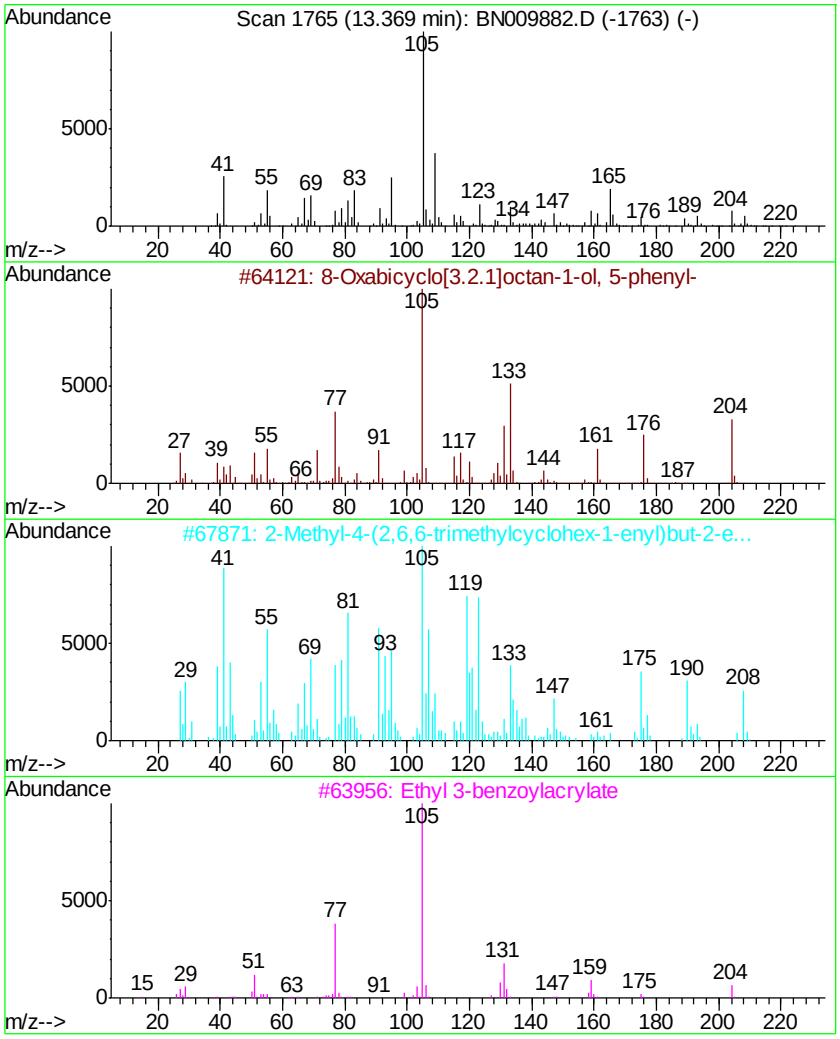
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

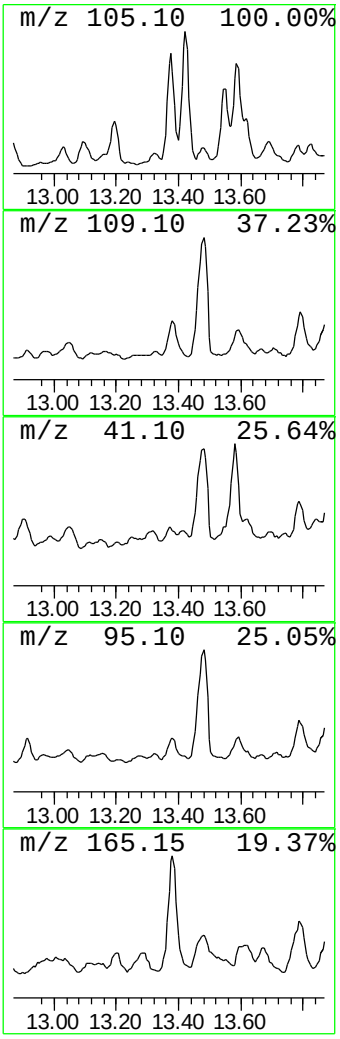
****

Peak Number 52 unknown-12 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	15.40 ng/ul	5284600	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Oxabicyclo[3.2.1]octan-1-ol, 5...	204	C13H16O2	106165-82-6	11
2	2-Methyl-4-(2,6,6-trimethylcyclo...	208	C14H24O	062924-17-8	10
3	Ethyl 3-benzoylacrylate	204	C12H12O3	017450-56-5	10
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	10
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	10





Library Search Compound Report

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Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

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Quant Title : SVOA CALIBRATION

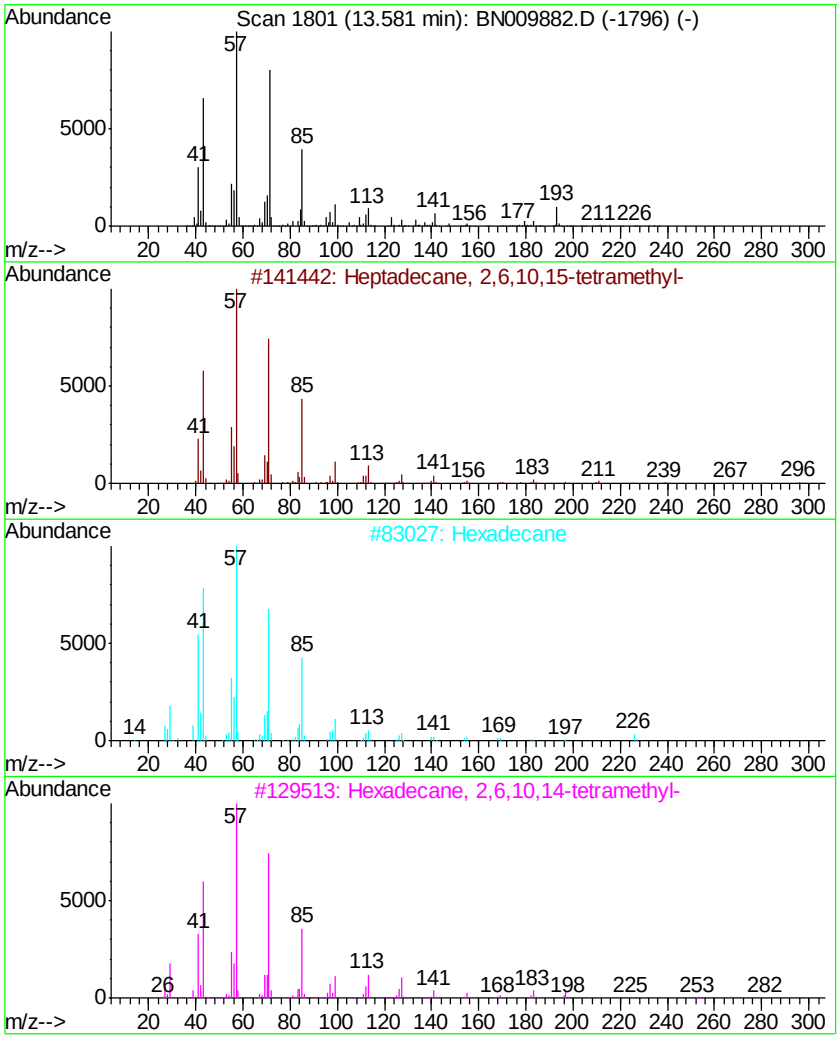
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

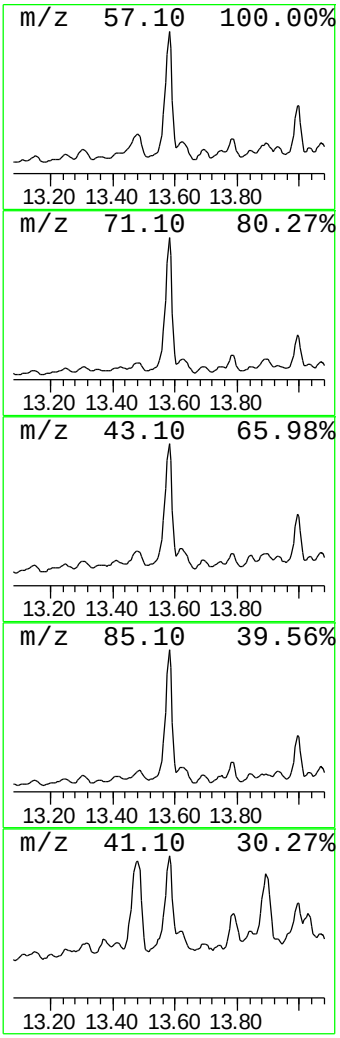
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	96.69 ng/ul	33180000	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68





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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

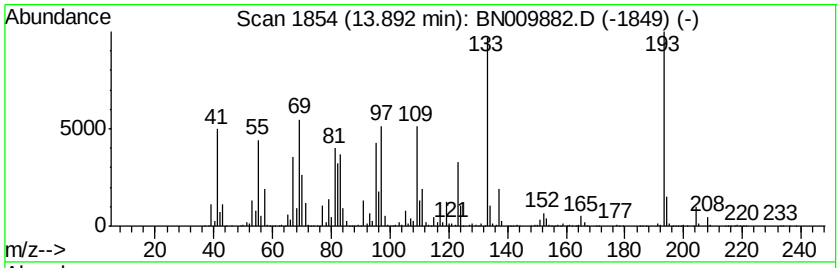
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

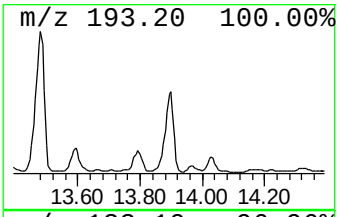
****

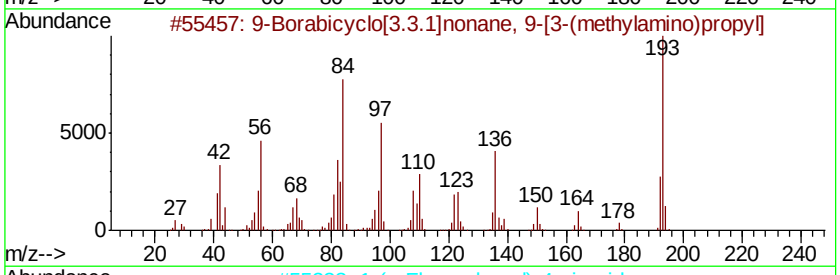
Peak Number 54 unknown-13 Concentration Rank 3

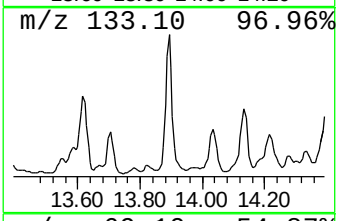
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	108.31 ng/ul	37166700	Acenaphthene-d10	14.06

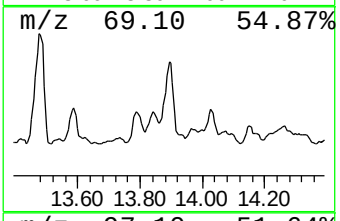
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	35
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	27
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	11
4	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	10
5	Acridine, 9-methyl-	193	C14H11N	000611-64-3	10

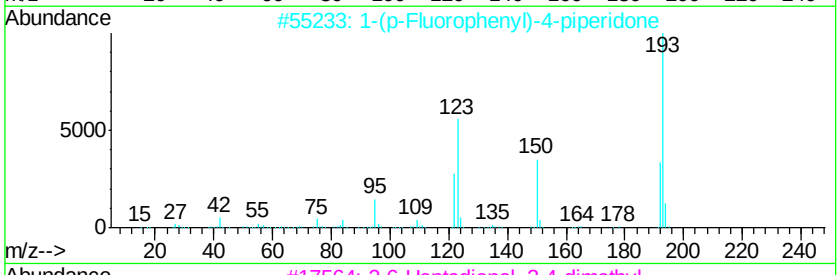


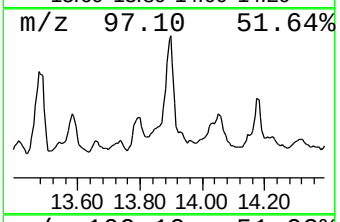


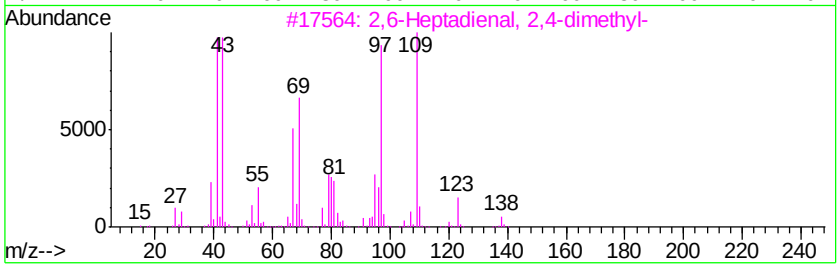


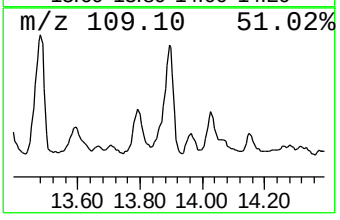












Library Search Compound Report

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Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

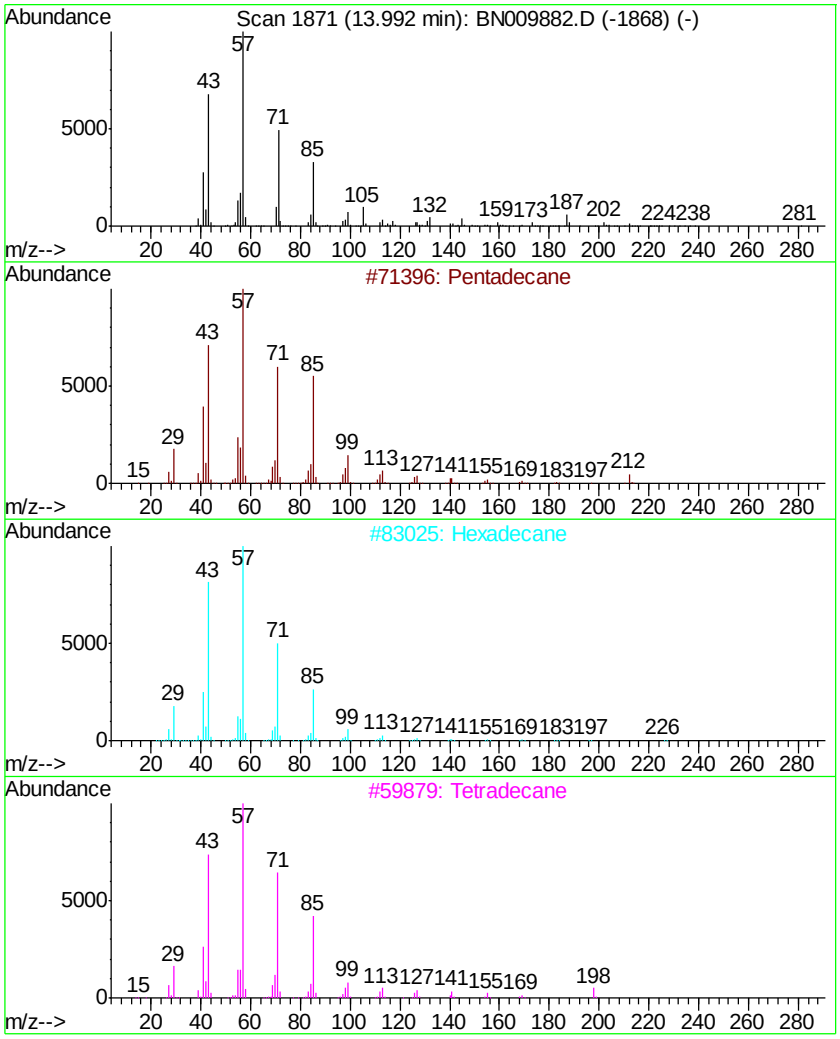
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

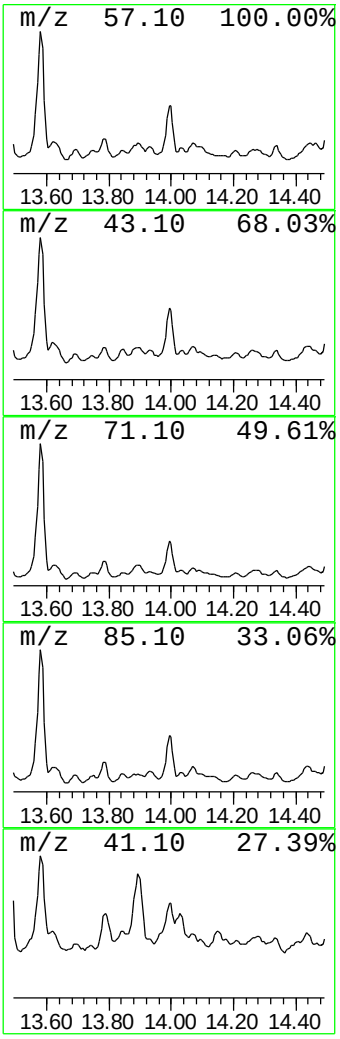
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	20.00 ng/ul	6863000	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	58
3	Tetradecane	198	C14H30	000629-59-4	58
4	Pentadecane	212	C15H32	000629-62-9	58
5	Undecane	156	C11H24	001120-21-4	58





Library Search Compound Report

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Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

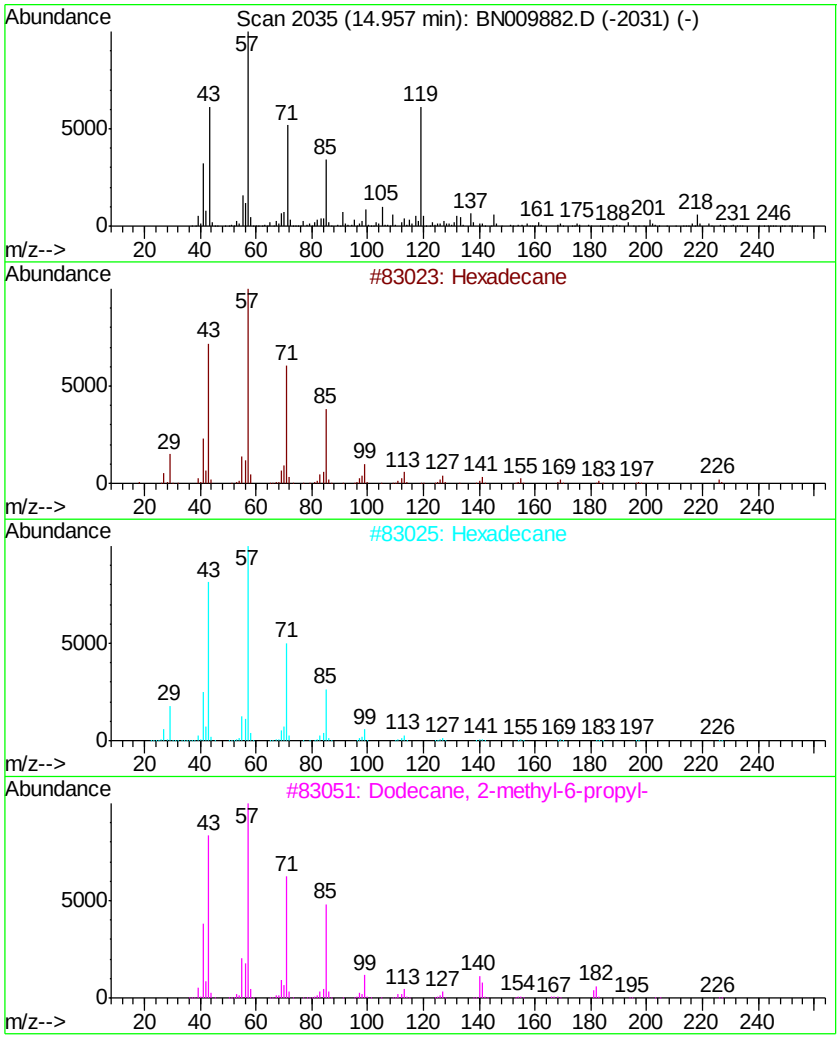
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

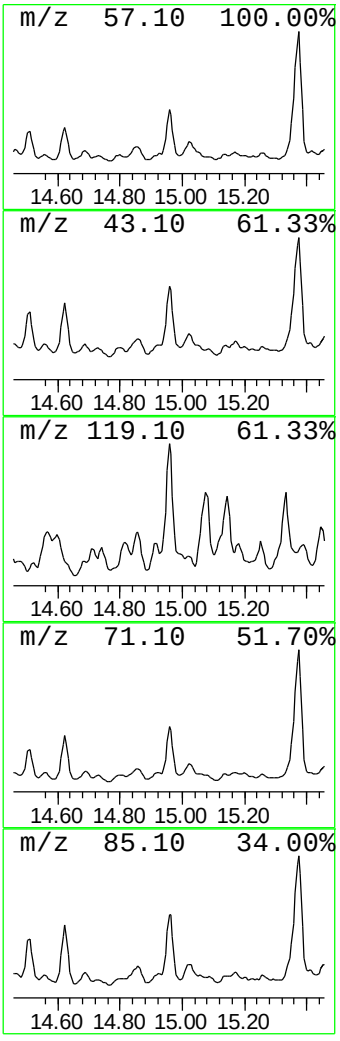
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	45.92 ng/ul	15756800	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	55
2	Hexadecane	226	C16H34	000544-76-3	49
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	46
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	41
5	Octadecane	254	C18H38	000593-45-3	38





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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

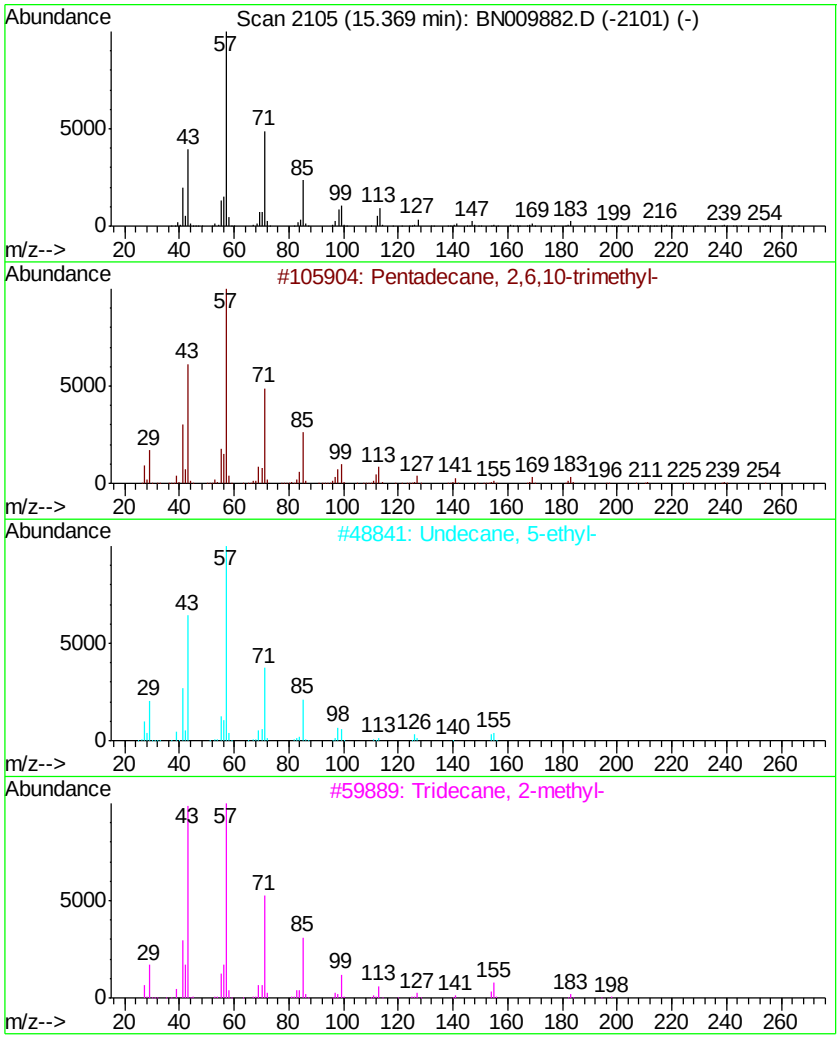
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

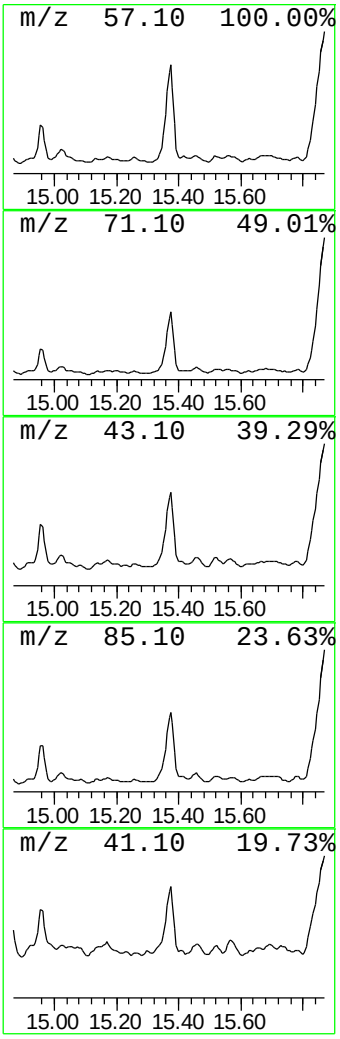
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	106.66 ng/ul	36599300	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	50





Library Search Compound Report

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Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

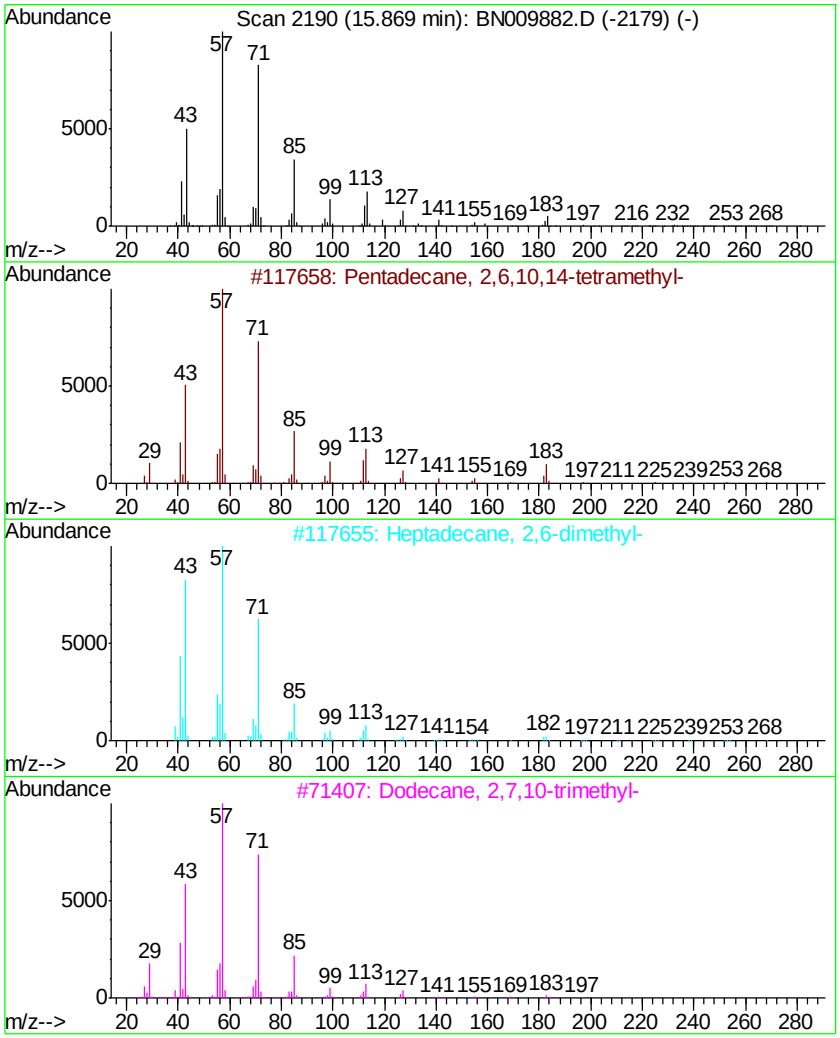
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

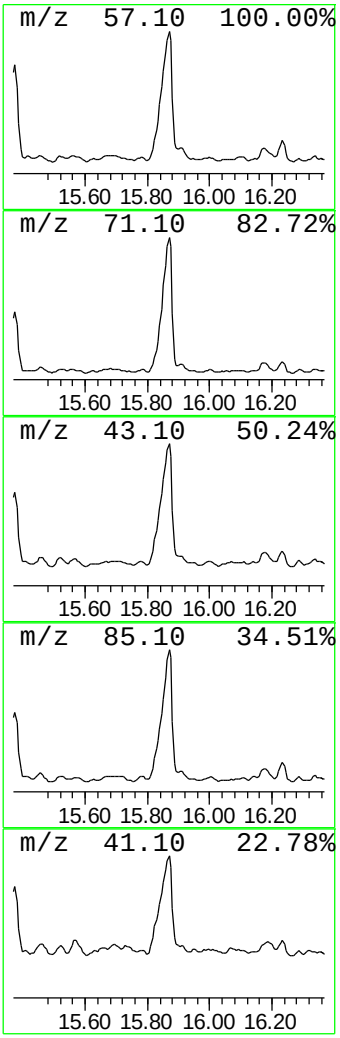
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	44.76 ng/ul	80717900	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

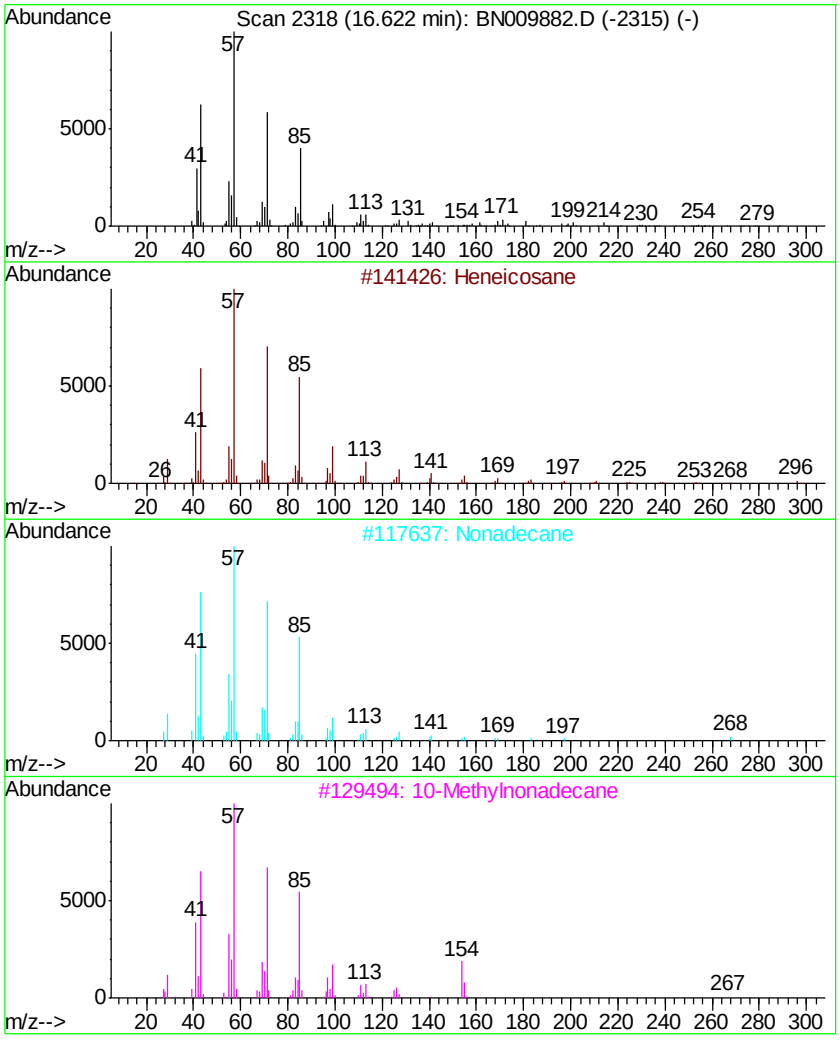
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

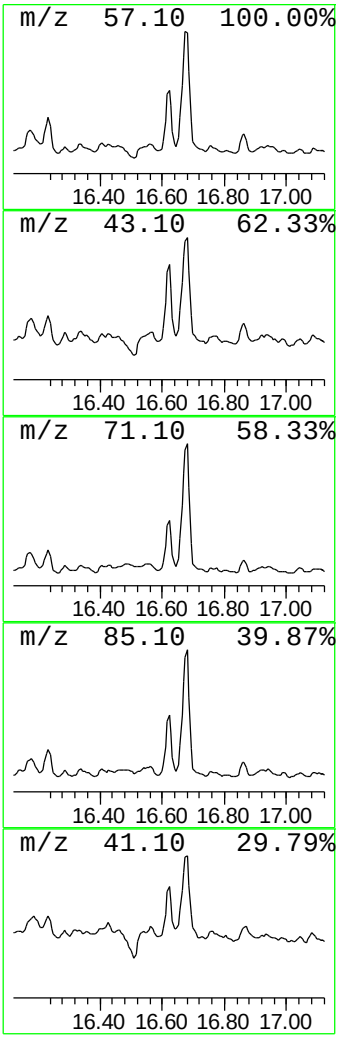
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	6.54 ng/ul	11801700	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonadecane	268	C19H40	000629-92-5	83
3	10-Methylnonadecane	282	C20H42	056862-62-5	83
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

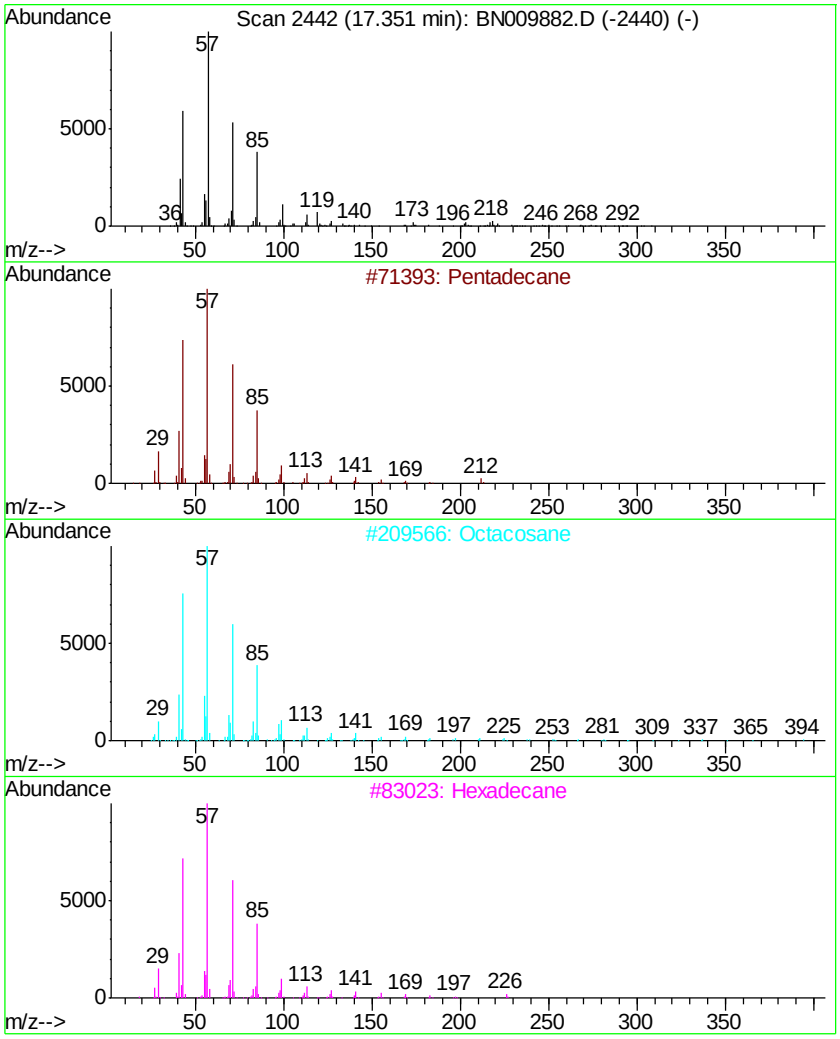
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

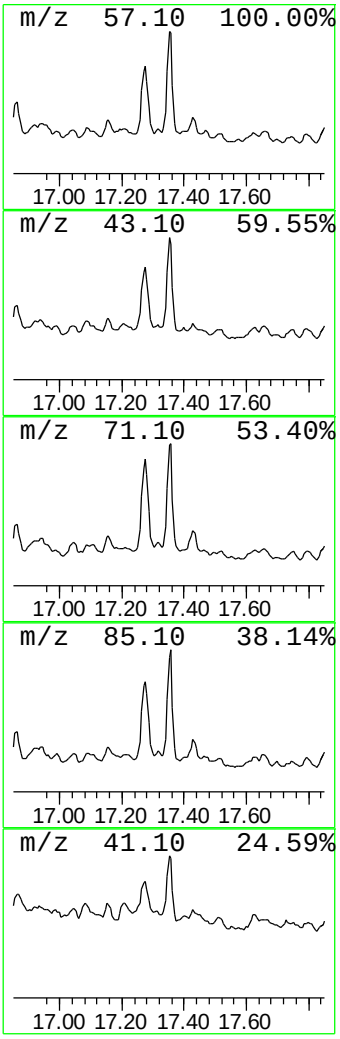
****

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	4.90 ng/ul	8842130	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tetradecane	198	C14H30	000629-59-4	72
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

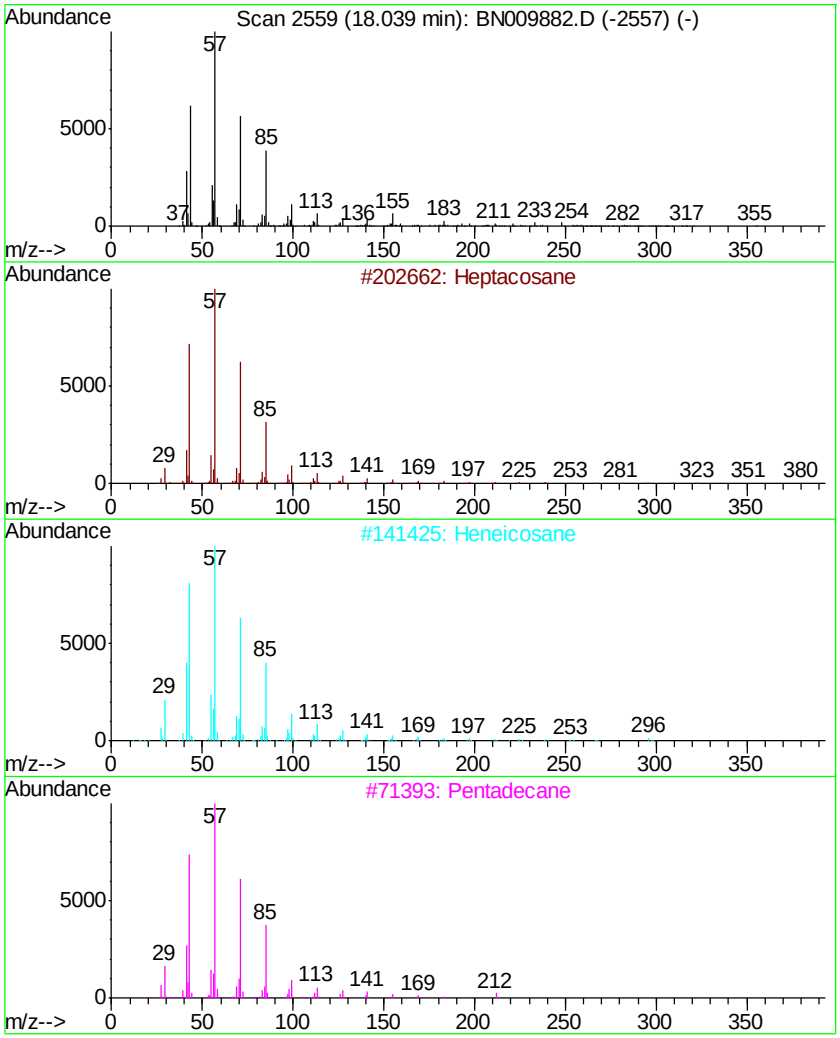
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

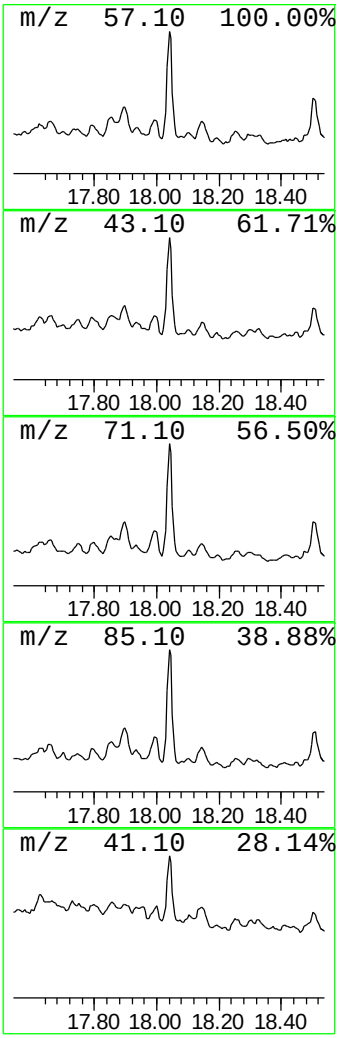
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.12 ng/ul	5627220	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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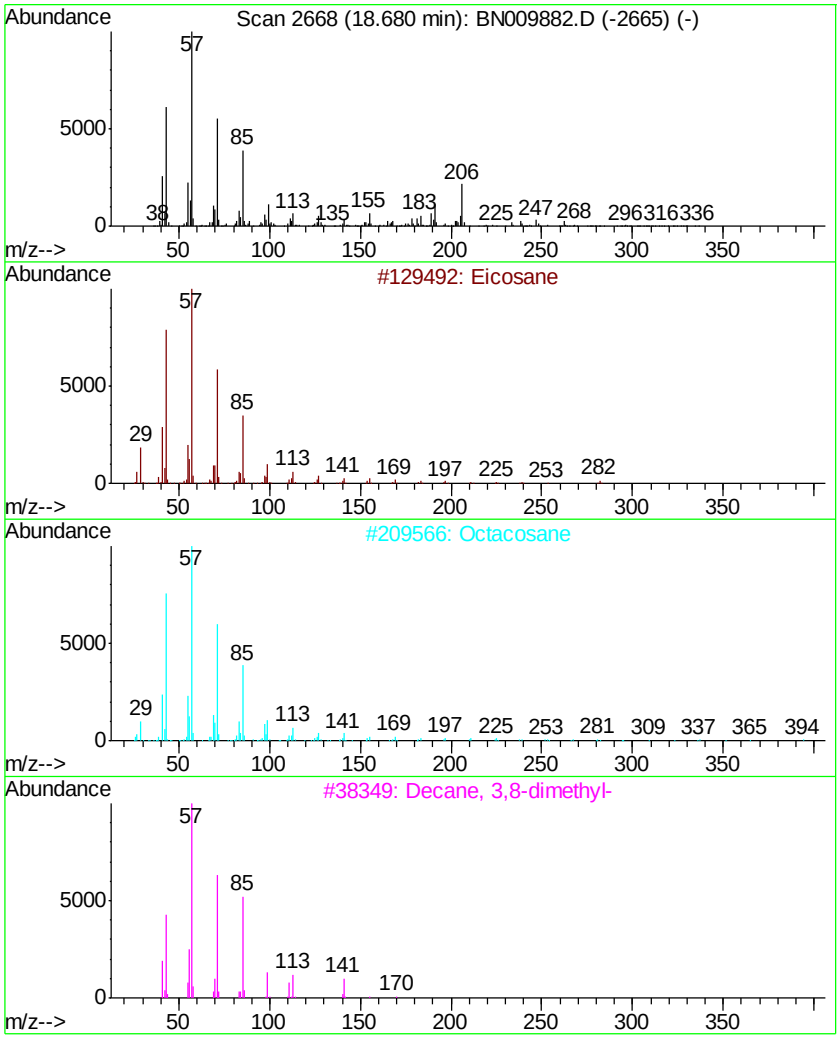
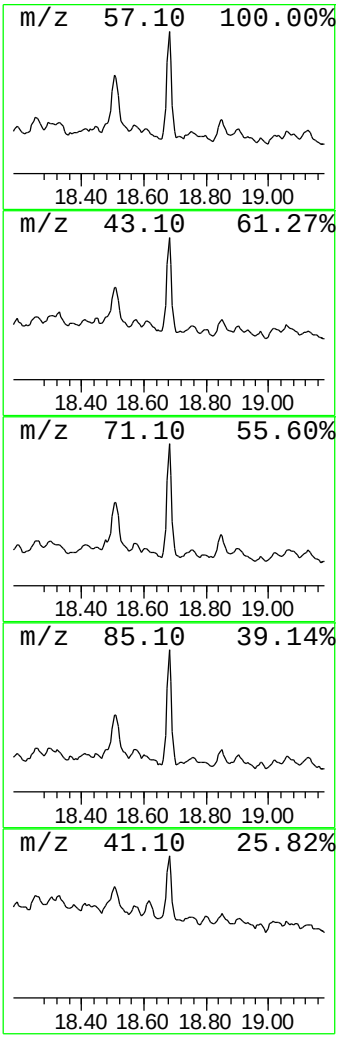
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.45 ng/ul	8016190	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	70
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
4	Heptacosane	380	C27H56	000593-49-7	70
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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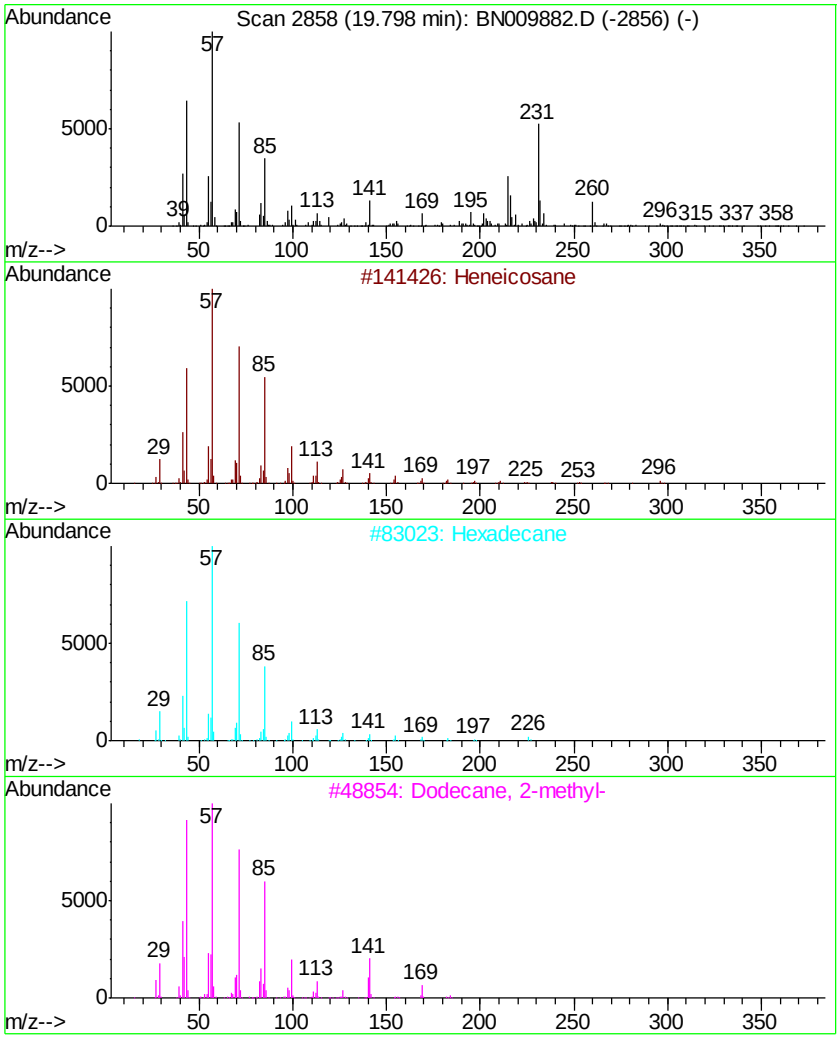
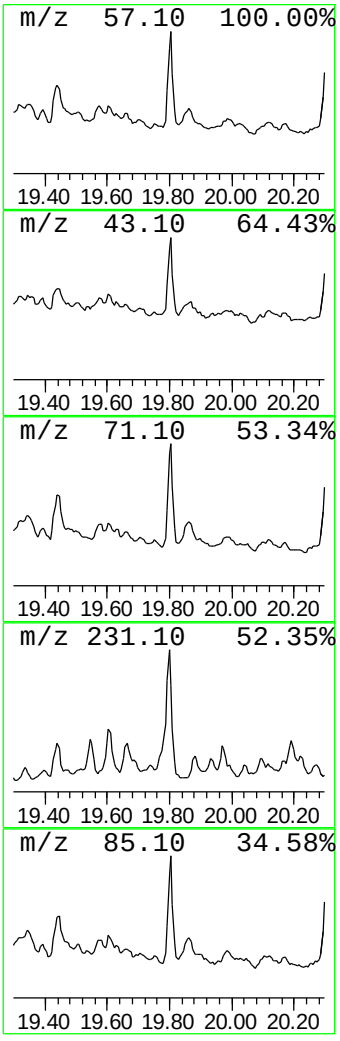
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	16.25 ng/ul	4060670	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	66
4	Octacosane	394	C28H58	000630-02-4	38
5	Heptacosane	380	C27H56	000593-49-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009882.D
Acq On : 25 Feb 2020 02:28
Operator : CG/JU
Sample : L1418-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.00	4.9	ng/ul	346954	1	7.39	1409680	20.0
2-Propyl-1-pentanol	6.09	8.1	ng/ul	571587	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	6.17	3.4	ng/ul	239874	1	7.39	1409680	20.0
(DEL) Alkane: Str...	6.23	2.1	ng/ul	149709	1	7.39	1409680	20.0
(DEL) Alkane: Str...	6.42	4.7	ng/ul	331454	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	6.50	3.0	ng/ul	214533	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	6.54	29.7	ng/ul	2092740	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	6.83	5.7	ng/ul	402921	1	7.39	1409680	20.0
(DEL) Alkane: Str...	7.06	7.4	ng/ul	522358	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	7.12	7.8	ng/ul	547213	1	7.39	1409680	20.0
unknown-01	7.20	26.7	ng/ul	1882620	1	7.39	1409680	20.0
Bicyclo[3.1.1]hep...	7.31	36.0	ng/ul	2540480	1	7.39	1409680	20.0
Cyclopentane, 1,1...	7.46	12.3	ng/ul	865123	1	7.39	1409680	20.0
unknown-02	7.51	6.5	ng/ul	458079	1	7.39	1409680	20.0
Furan, 2-ethyl-5-...	7.56	9.7	ng/ul	681591	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	7.62	2.8	ng/ul	195242	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	7.66	16.1	ng/ul	1135410	1	7.39	1409680	20.0
unknown-03	7.74	7.3	ng/ul	516538	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	7.78	9.0	ng/ul	633504	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	7.83	16.3	ng/ul	1150190	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	7.93	58.6	ng/ul	4133550	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	8.00	3.5	ng/ul	249562	1	7.39	1409680	20.0
Naphthalene, deca...	8.19	6.8	ng/ul	480218	1	7.39	1409680	20.0
(DEL) Alkane: Str...	8.25	39.2	ng/ul	2765880	1	7.39	1409680	20.0
unknown-04	8.35	23.9	ng/ul	1687490	1	7.39	1409680	20.0
Zinc, bis[2-(1,1-...	8.46	110.2	ng/ul	7764270	1	7.39	1409680	20.0
(DEL) Alkane: Cyc...	8.72	52.7	ng/ul	3717160	1	7.39	1409680	20.0
Cyclohexene, 1,2-...	8.78	6.5	ng/ul	620596	2	10.14	1914830	20.0
(DEL) Alkane: Cyc...	8.82	13.0	ng/ul	1243400	2	10.14	1914830	20.0
Cyclohexanone, 2-...	8.89	10.0	ng/ul	955252	2	10.14	1914830	20.0
Phosphonic dichlo...	9.01	15.4	ng/ul	1477820	2	10.14	1914830	20.0
Naphthalene, deca...	9.07	32.8	ng/ul	3140710	2	10.14	1914830	20.0
(DEL) Alkane: Cyc...	9.40	5.7	ng/ul	542652	2	10.14	1914830	20.0
unknown-05	9.60	12.7	ng/ul	1214360	2	10.14	1914830	20.0
unknown-06	9.66	5.2	ng/ul	501020	2	10.14	1914830	20.0
unknown-07	9.85	15.4	ng/ul	1472450	2	10.14	1914830	20.0
unknown-08	9.89	9.3	ng/ul	892630	2	10.14	1914830	20.0
Cyclohexanone, 2-...	10.00	6.3	ng/ul	599682	2	10.14	1914830	20.0
Naphthalene, deca...	10.55	20.3	ng/ul	1941680	2	10.14	1914830	20.0
(DEL) Alkane: Cyc...	10.63	19.6	ng/ul	1871590	2	10.14	1914830	20.0
1,3,5-Trimethylad...	10.75	9.4	ng/ul	897824	2	10.14	1914830	20.0
trans,trans-1,8-D...	10.79	7.1	ng/ul	680118	2	10.14	1914830	20.0
unknown-09	10.82	54.5	ng/ul	5214570	2	10.14	1914830	20.0
Cyclopentene, 5-h...	10.89	12.0	ng/ul	1146820	2	10.14	1914830	20.0
(DEL) Alkane: Str...	11.19	165.3	ng/ul	15827500	2	10.14	1914830	20.0
unknown-10	11.33	35.7	ng/ul	3418260	2	10.14	1914830	20.0
(DEL) Alkane: Str...	11.57	20.7	ng/ul	1982270	2	10.14	1914830	20.0
unknown-11	11.89	67.3	ng/ul	6444690	2	10.14	1914830	20.0
Bicyclo[2.2.1]hep...	12.46	32.5	ng/ul	11137100	3	14.06	6863000	20.0

(DEL) Alkane: Str...	12.60	80.9	ng/ul	27754500	3	14.06	6863000	20.0
Decahydro-4,4,8,9...	12.82	40.7	ng/ul	13962200	3	14.06	6863000	20.0
unknown-12	13.37	15.4	ng/ul	5284600	3	14.06	6863000	20.0
(DEL) Alkane: Str...	13.58	96.7	ng/ul	33180000	3	14.06	6863000	20.0
unknown-13	13.89	108.3	ng/ul	37166700	3	14.06	6863000	20.0
(DEL) Alkane: Str...	13.99	20.0	ng/ul	6863000	3	14.06	6863000	20.0
(DEL) Alkane: Str...	14.96	45.9	ng/ul	15756800	3	14.06	6863000	20.0
(DEL) Alkane: Str...	15.37	106.7	ng/ul	36599300	3	14.06	6863000	20.0
(DEL) Alkane: Str...	15.87	44.8	ng/ul	80717900	4	16.83	36068000	20.0
(DEL) Alkane: Str...	16.62	6.5	ng/ul	11801700	4	16.83	36068000	20.0
(DEL) Alkane: Str...	17.35	4.9	ng/ul	8842130	4	16.83	36068000	20.0
(DEL) Alkane: Str...	18.04	3.1	ng/ul	5627220	4	16.83	36068000	20.0
(DEL) Alkane: Str...	18.68	4.5	ng/ul	8016190	4	16.83	36068000	20.0
(DEL) Alkane: Str...	19.80	16.3	ng/ul	4060670	5	21.03	4998820	20.0

Instrument :
BNA_N
ClientSampleId :
C5AT7