LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN121218MA.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	3.011	3	4	19	rVB	113952	136814	2.80%	0.365%
2	6.987	675	680	690	rVB2	40912	74879	1.53%	0.200%
3	7.158	704	709	717	rVB	36964	60327	1.24%	0.161%
4	7.352	735	742	750	rVB	50986	80119	1.64%	0.214%
5	7.822	816	822	833	rBV	121125	199160	4.08%	0.532%
6	8.522	936	941	955	rVB	57103	110864	2.27%	0.296%
7	8.905	994	1006	1012	rBV4	40569	99597	2.04%	0.266%
8	8.993	1015	1021	1027	rVV	74836	123425	2.53%	0.330%
9	9.146	1043	1047	1056	rVB6	21831	50440	1.03%	0.135%
10	9.522	1107	1111	1122	rVB4	34306	79100	1.62%	0.211%
11	9.710	1126	1143	1148	rBV5	77449	220927	4.52%	0.590%
12	9.781	1148	1155	1161	rBV5	40489	91878	1.88%	0.245%
13	10.005	1187	1193	1199	rBV3	58498	121204	2.48%	0.324%
14	10.240	1228	1233	1238	rBV	67445	111188	2.28%	0.297%
15	10.305	1239	1244	1249	rVB2	45134	77356	1.58%	0.207%
16	10.487	1271	1275	1279	rBV2	39901	65385	1.34%	0.175%
17	10.616	1293	1297	1303	rVB	160545	286496	5.87%	0.765%
18	10.734	1310	1317	1321	rBV3	79547	170981	3.50%	0.456%
19	10.810	1326	1330	1338	rVB5	50654	109986	2.25%	0.294%
20	10.963	1349	1356	1360	rBV5	35021	68834	1.41%	0.184%
21	11.022	1360	1366	1370	rBV6	24653	55336	1.13%	0.148%
22	11.075	1370	1375	1381	rVB5	49892	106447	2.18%	0.284%
23	11.216	1393	1399	1400	rBV5	36055	60530	1.24%	0.162%
24	11.287	1407	1411	1418	rVB5	100508	181014	3.71%	0.483%
25	11.422	1430	1434	1438	rVB3	46265	71124	1.46%	0.190%
26	11.516	1443	1450	1456	rVB4	98129	206510	4.23%	0.551%
27	11.604	1456	1465	1469	rBV	484152	768948	15.75%	2.053%
28	11.646	1469	1472	1476	rVV3	112713	186942	3.83%	0.499%
29	11.693	1476	1480	1488	rVB2	91566	221355	4.53%	0.591%
30	11.799	1494	1498	1504	rBV5	50915	105632	2.16%	0.282%
31	11.863	1505	1509	1514	rBV5	40545	82405	1.69%	0.220%
32	11.993	1527	1531	1535	rBV	75342	125818	2.58%	0.336%
33	12.204	1563	1567	1569	rBV3	69878	108338	2.22%	0.289%
34	12.281	1576	1580	1584	rBV	111524	161561	3.31%	0.431%

LSC Area Percent Report

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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN121218MA.M
Title : SVOA CALIBRATION

35	12.410	1598	1602	1605	rBV3	63433	98892	2.03%	0.264%
36	12.499	1614	1617	1626	rVB2	111795	192170	3.94%	0.513%
37	12.646	1637	1642	1646	rBV5	86390	149703	3.07%	0.400%
38	12.710	1648	1653	1662	rVB2	199348	376571	7.71%	1.005%
39	12.799	1665	1668	1671	rVB5	62231	77215	1.58%	0.206%
40	12.963	1691	1696	1702	rBV	813656	1126969	23.08%	3.009%
41	13.334	1755	1759	1764	rBV5	74878	164227	3.36%	0.438%
42	13.387	1765	1768	1772	rVB3	104748	147109	3.01%	0.393%
43	13.493	1782	1786	1792	rVB3	157489	267979	5.49%	0.715%
44	13.640	1804	1811	1816	rVB3	357572	859987	17.61%	2.296%
45	13.728	1823	1826	1829	rBV4	82133	105092	2.15%	0.281%
46	13.781	1830	1835	1840	rVV	474484	851377	17.44%	2.273%
47	13.834	1840	1844	1847	rVV	362053	546215	11.19%	1.458%
48	13.869	1847	1850	1853	rVV	422445	565458	11.58%	1.510%
49	13.916	1853	1858	1863	rVB	1181108	1609864	32.97%	4.298%
50	13.975	1865	1868	1871	rVB2	146386	183725	3.76%	0.490%
51	14.022	1872	1876	1879	rBV	173018	246055	5.04%	0.657%
52	14.087	1884	1887	1890	rBV4	107677	143860	2.95%	0.384%
53	14.157	1896	1899	1901	rBV2	123835	170780	3.50%	0.456%
54	14.187	1901	1904	1910	rVB5	227999	351665	7.20%	0.939%
55	14.275	1915	1919	1924	rVB3	398650	656319	13.44%	1.752%
56	14.410	1937	1942	1944	rBV3	280045	463829	9.50%	1.238%
57	14.510	1956	1959	1960	rBV2	100847	112937	2.31%	0.302%
58	14.534	1961	1963	1968	rVB3	201313	261168	5.35%	0.697%
59	14.669	1981	1986	1995	rVB2	413528	873698	17.89%	2.333%
60	14.763	1996	2002	2009	rBV5	189482	584764	11.98%	1.561%
61	14.857	2010	2018	2026	rVB2	432341	1196191	24.50%	3.194%
62	14.940	2028	2032	2040	rBV5	444198	1128477	23.11%	3.013%
63	15.081	2051	2056	2061	rBV2	399702	778657	15.95%	2.079%
64	15.134	2062	2065	2068	rVV	277450	372295	7.62%	0.994%
65	15.175	2068	2072	2076	rVB3	238074	392183	8.03%	1.047%
66	15.240	2078	2083	2088	rBV3	398552	963661	19.74%	2.573%
67	15.287	2088	2091	2094	rVV2	304085	401573	8.22%	1.072%
68	15.340	2096	2100	2104	rVB4	195894	362049	7.41%	0.967%
69	15.463	2118	2121	2124	rBV3	183970	245162	5.02%	0.655%
70	15.504	2125	2128	2133	rVV3	176073	320523	6.56%	0.856%
71	15.645	2149	2152	2154	rBV	155376	197443	4.04%	0.527%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : F9H34

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

72	15.692	2154	2160	2171	rVB	1294988	2442458	50.02%	6.521%
73	15.910	2194	2197	2201	rVB2	279747	375503	7.69%	1.002%
74	16.181	2235	2243	2247	rBV	2679189	4882913	100.00%	13.036%
75	16.281	2257	2260	2263	rBV2	192864	267493	5.48%	0.714%
76	16.939	2370	2372	2375	rBV2	191979	188638	3.86%	0.504%
77	16.992	2376	2381	2385	rVV	1439132	2076496	42.53%	5.544%
78	17.216	2416	2419	2424	rVB3	375061	511405	10.47%	1.365%
79	17.592	2479	2483	2489	rBV	450366	677931	13.88%	1.810%
80	18.369	2612	2615	2620	rVB	150349	175181	3.59%	0.468%
81	19.004	2719	2723	2727	rBV2	309563	416644	8.53%	1.112%
82	19.610	2822	2826	2830	rBV	259052	329534	6.75%	0.880%
83	19.751	2847	2850	2853	rBV	74994	94238	1.93%	0.252%
84	21.398	3125	3130	3142	rVB	556539	743130	15.22%	1.984%
85	22.033	3234	3238	3244	rVB	151225	199853	4.09%	0.534%
86	22.169	3258	3261	3267	rVB	50274	63368	1.30%	0.169%
87	22.427	3302	3305	3310	rVB	41248	51973	1.06%	0.139%
88	22.945	3389	3393	3397	rBV	62064	91253	1.87%	0.244%
89	23.527	3488	3492	3494	rBV2	56697	82961	1.70%	0.221%
90	23.574	3494	3500	3507	rVB	232648	459120	9.40%	1.226%
91	23.721	3518	3525	3536	rVB2	349342	697864	14.29%	1.863%
92	24.963	3731	3736	3745	rVB	44007	96130	1.97%	0.257%
93	25.463	3816	3821	3829	rVB3	28938	64310	1.32%	0.172%
94	27.786	4208	4216	4226	rVB2	44344	141645	2.90%	0.378%

Sum of corrected areas: 37456803

LSC Report - Integrated Chromatogram

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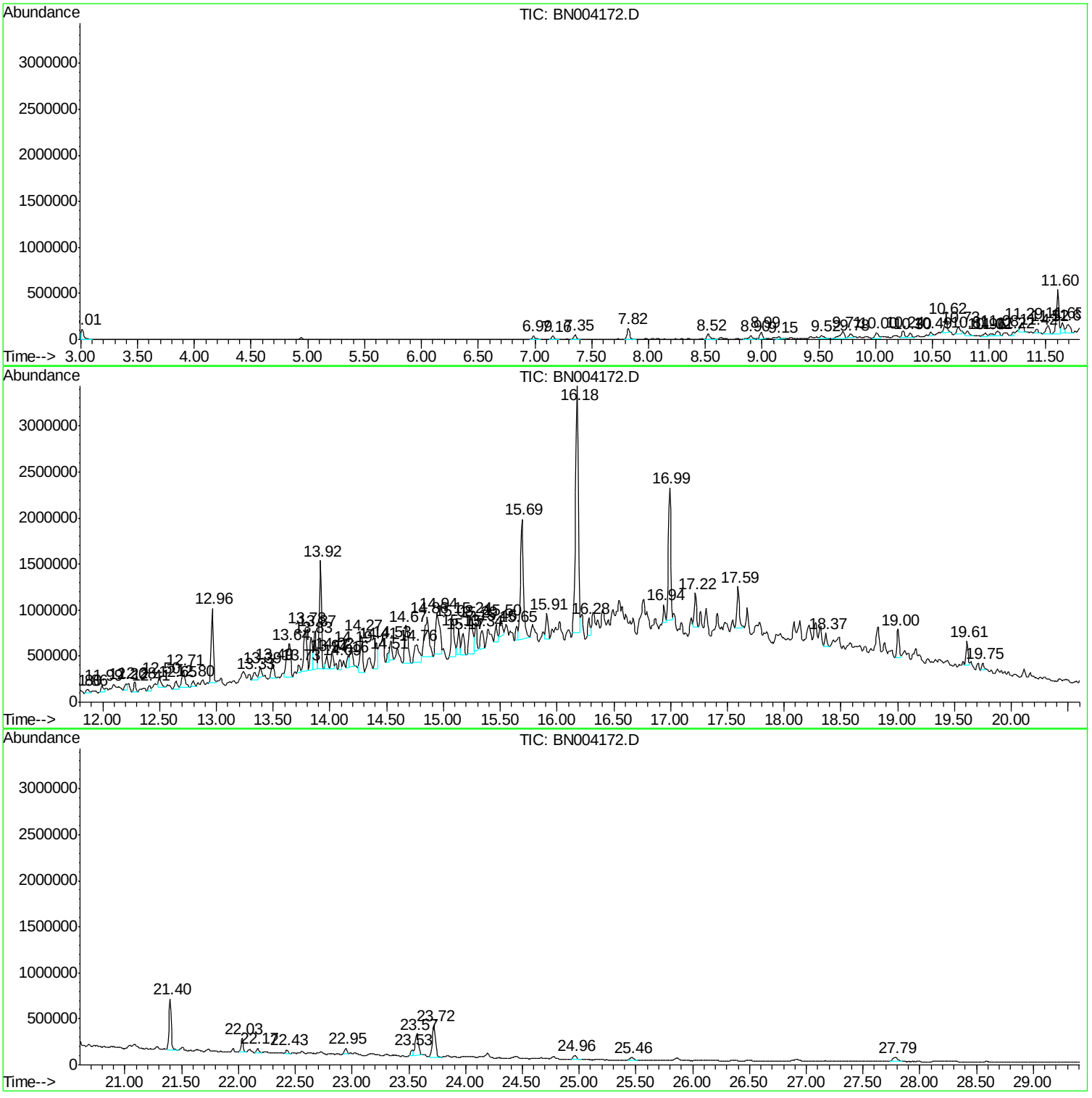
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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\BN122118\
Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

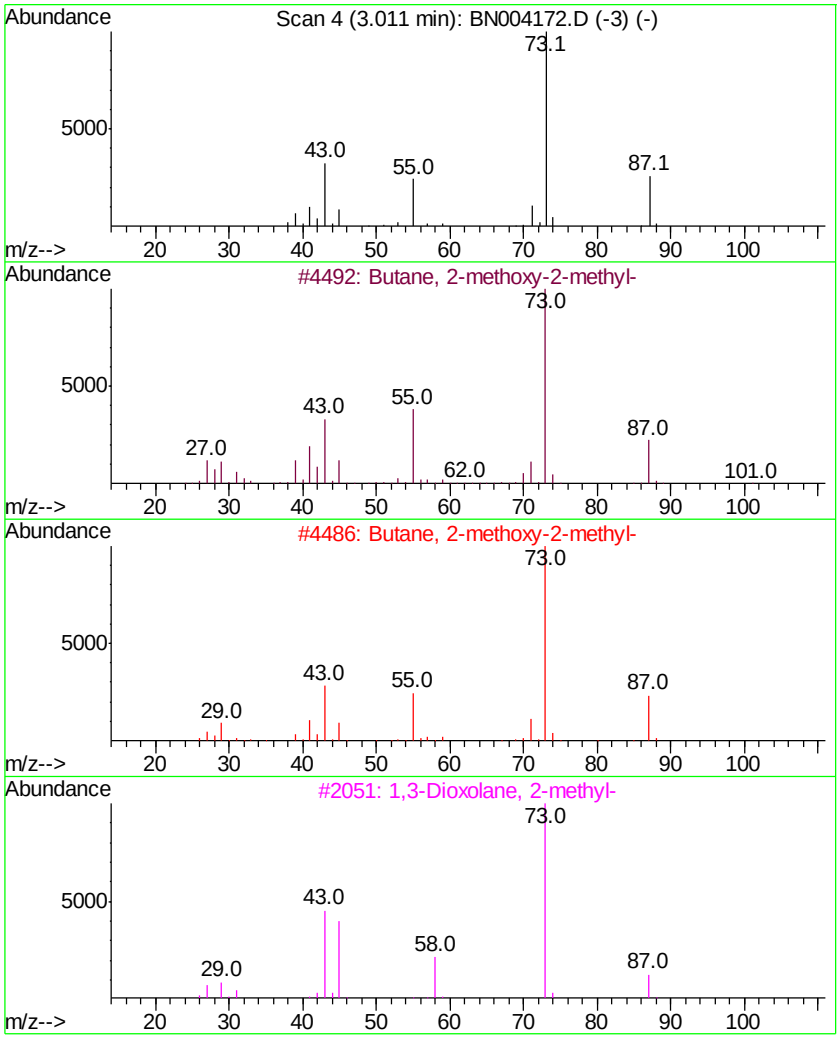
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

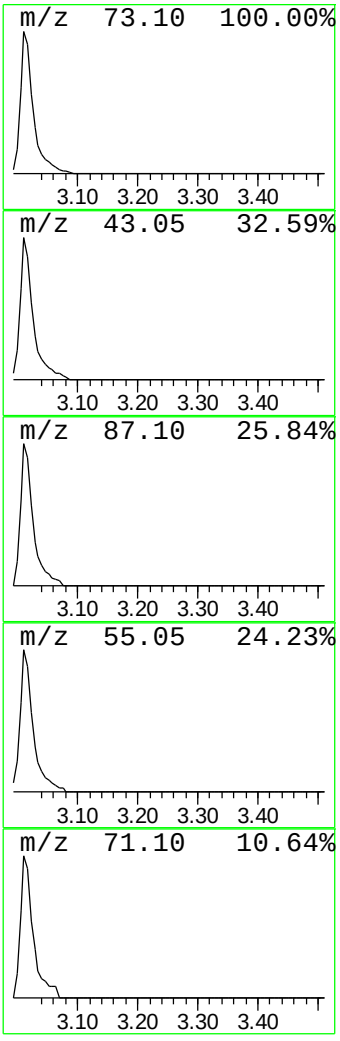
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	13.74 ng/ul	136814	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

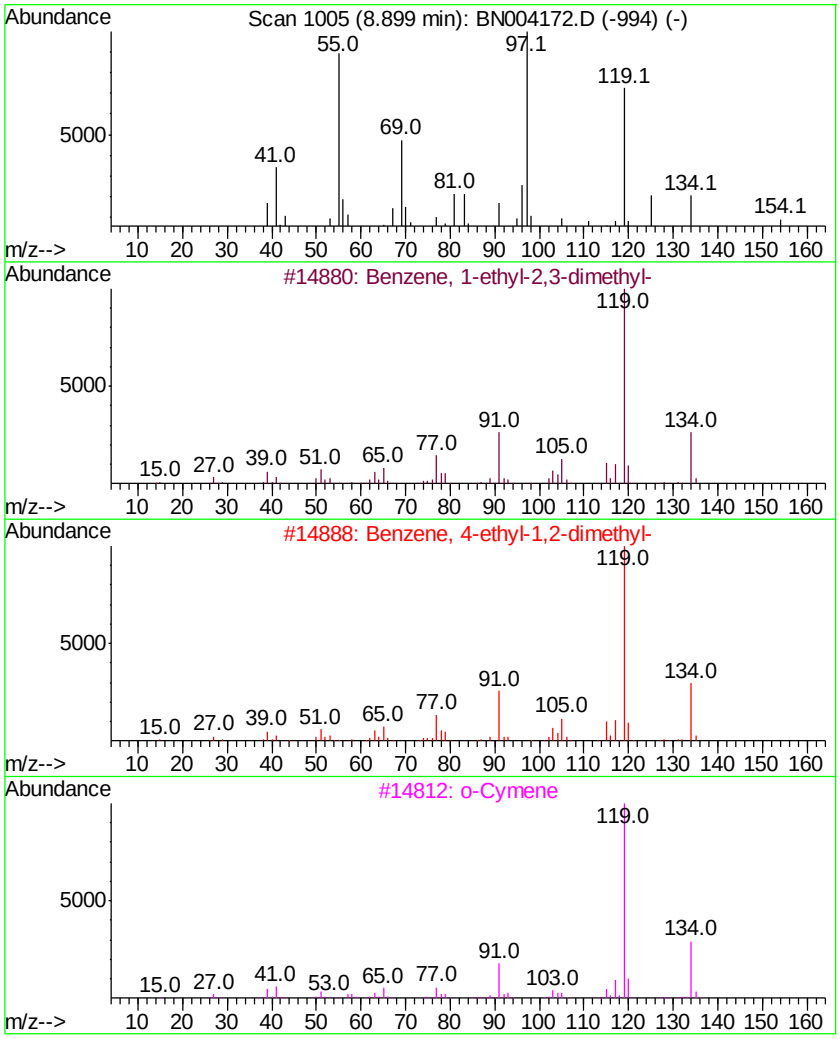
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

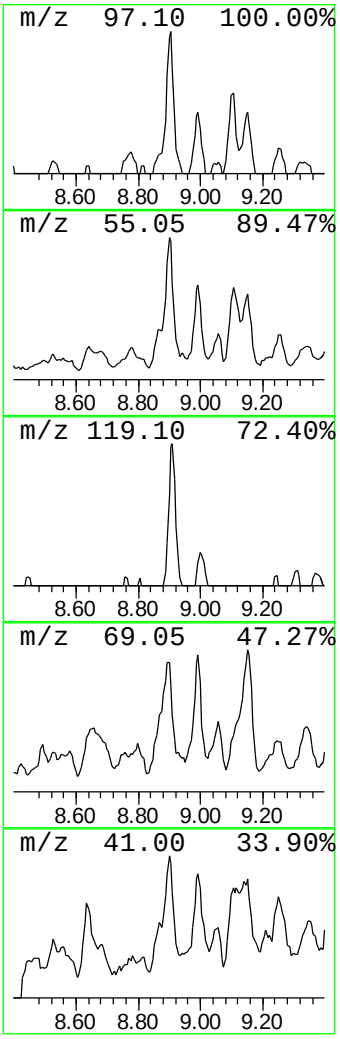
****

Peak Number 2 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	10.00 ng/ul	99597	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	41
3	o-Cymene	134	C10H14	000527-84-4	41
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5	o-Cymene	134	C10H14	000527-84-4	38





Library Search Compound Report

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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

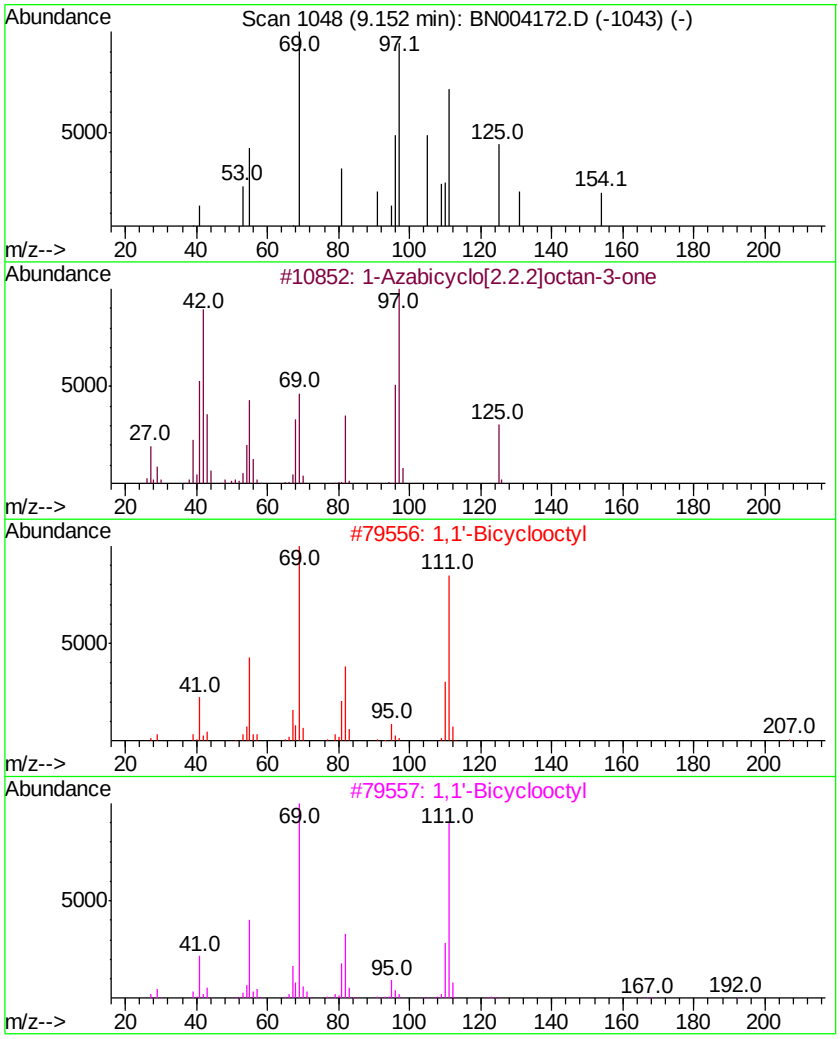
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

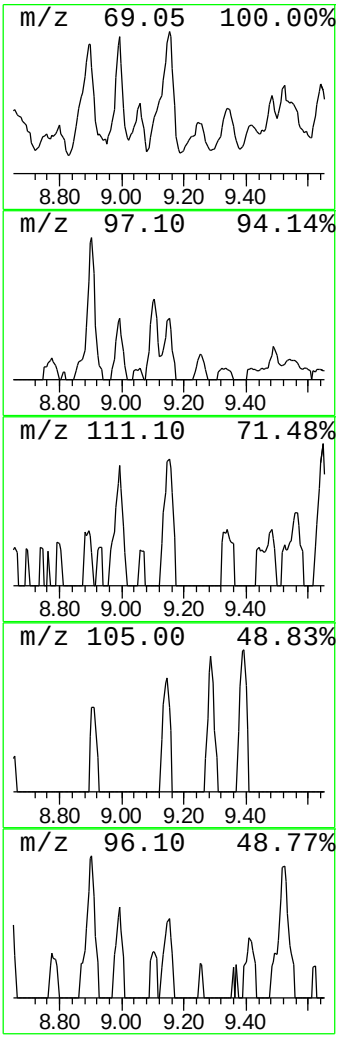
****

Peak Number 3 unknown-02 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	5.07 ng/ul	50440	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Azabicyclo[2.2.2]octan-3-one	125	C7H11NO	003731-38-2	27
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	17
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	17
4	2-Fluoro-3-methylpyridine	111	C6H6FN	017282-04-1	9
5	1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	9





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

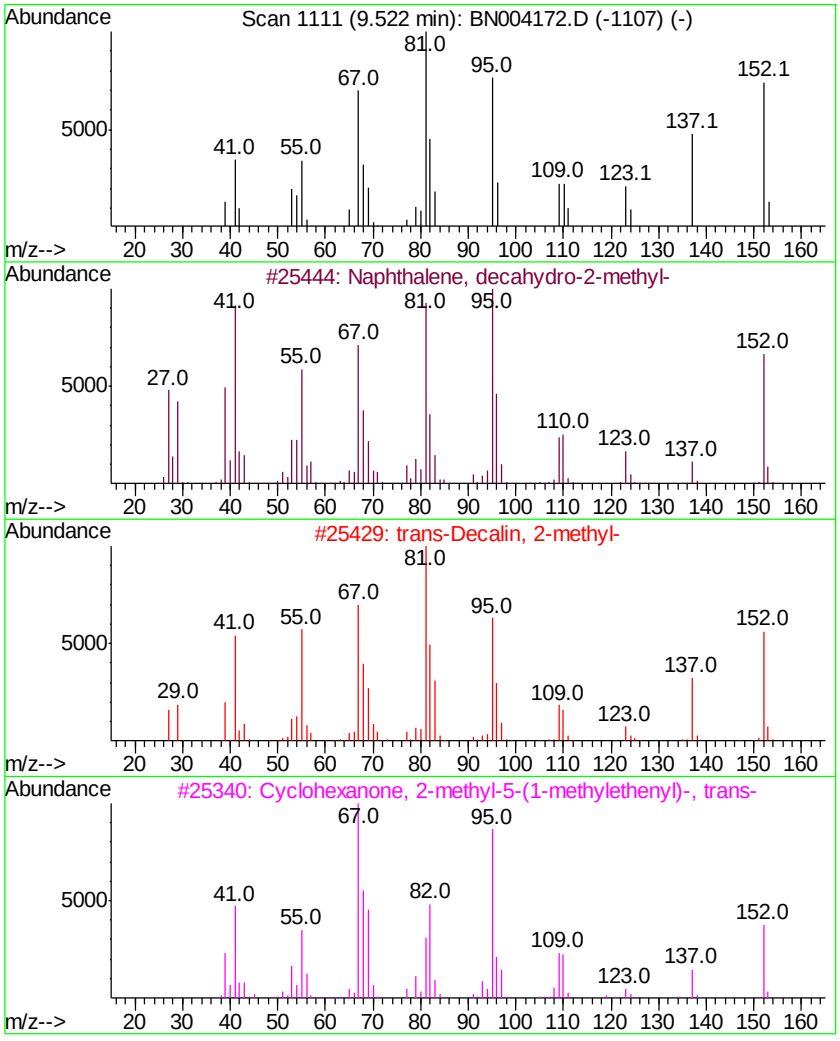
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

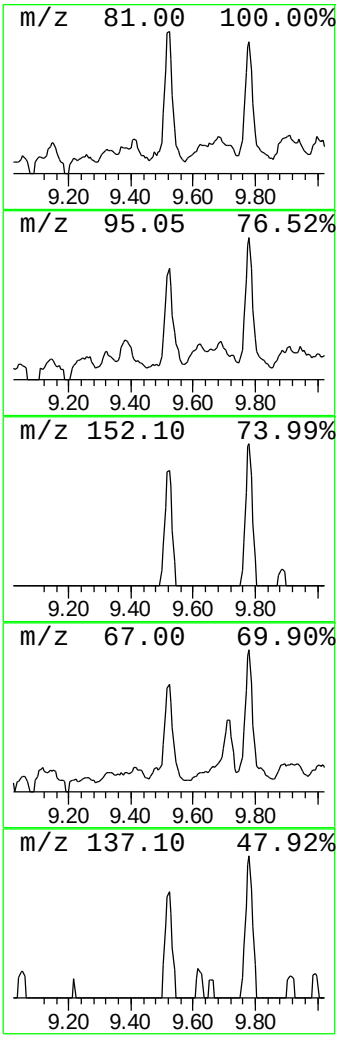
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	5.52 ng/ul	79100	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

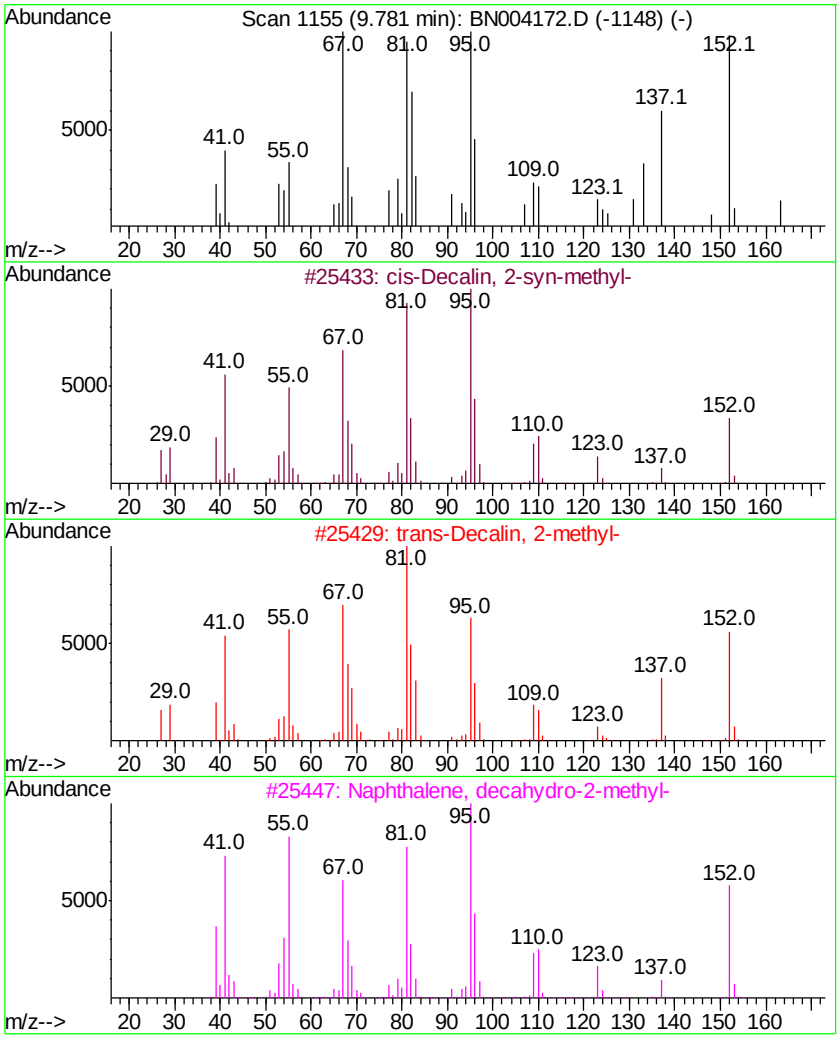
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

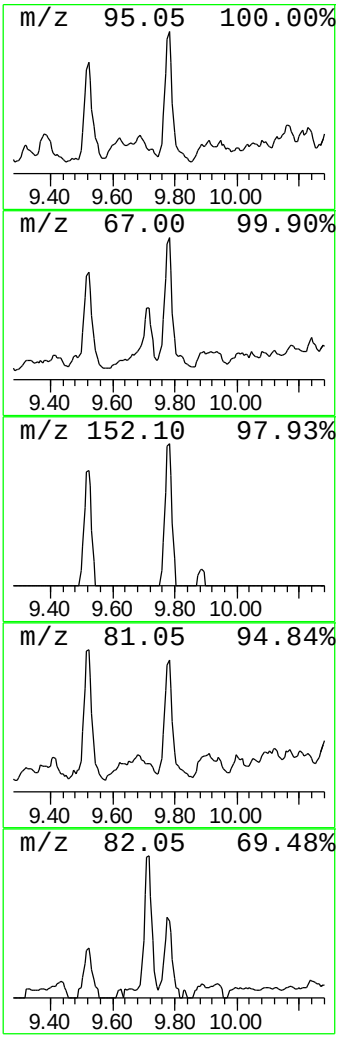
****

Peak Number 5 cis-Decalin, 2-syn-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	6.41 ng/ul	91878	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	95
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58





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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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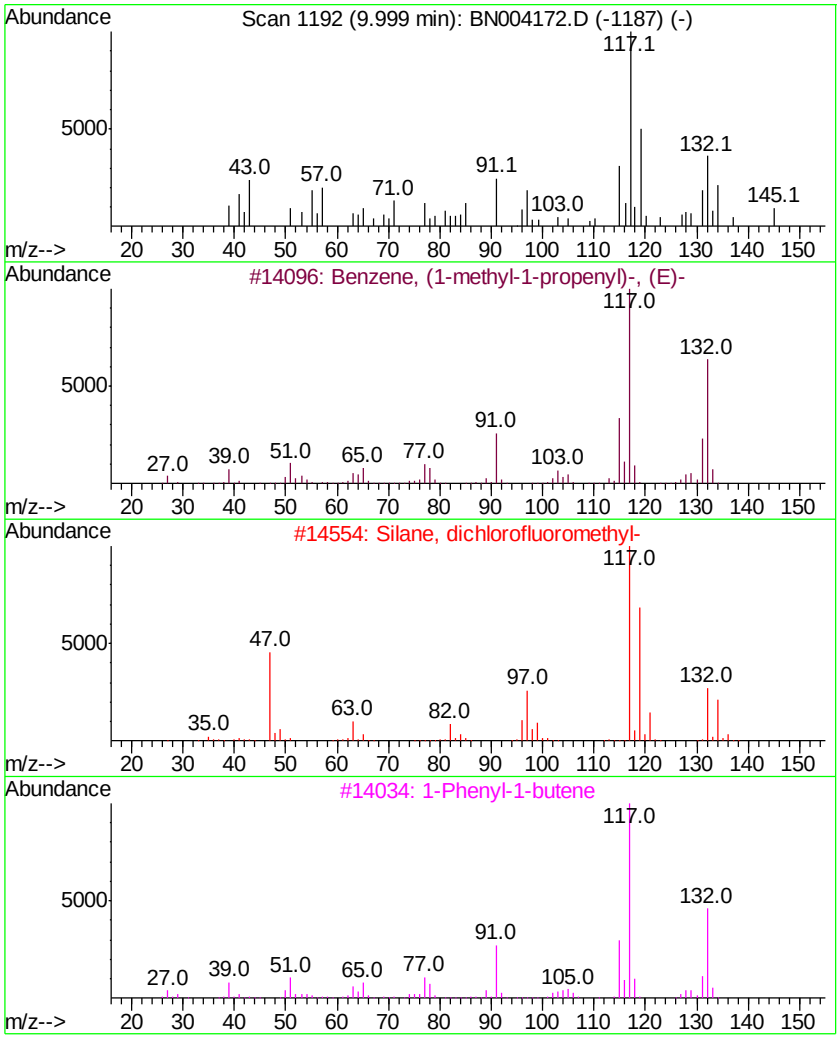
Quant Title : SVOA CALIBRATION

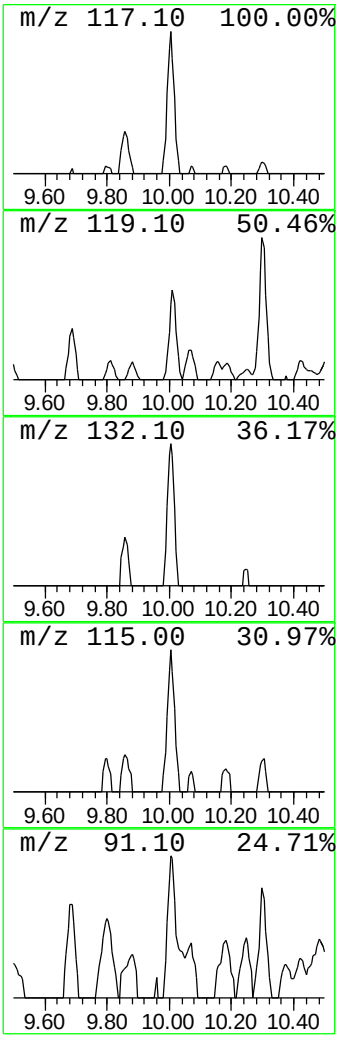
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (1-methyl-1-propen... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	8.46 ng/ul	121204	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
2	Silane, dichlorofluoromethyl-	132	CH3Cl2FSi	000420-58-6	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60





Library Search Compound Report

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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

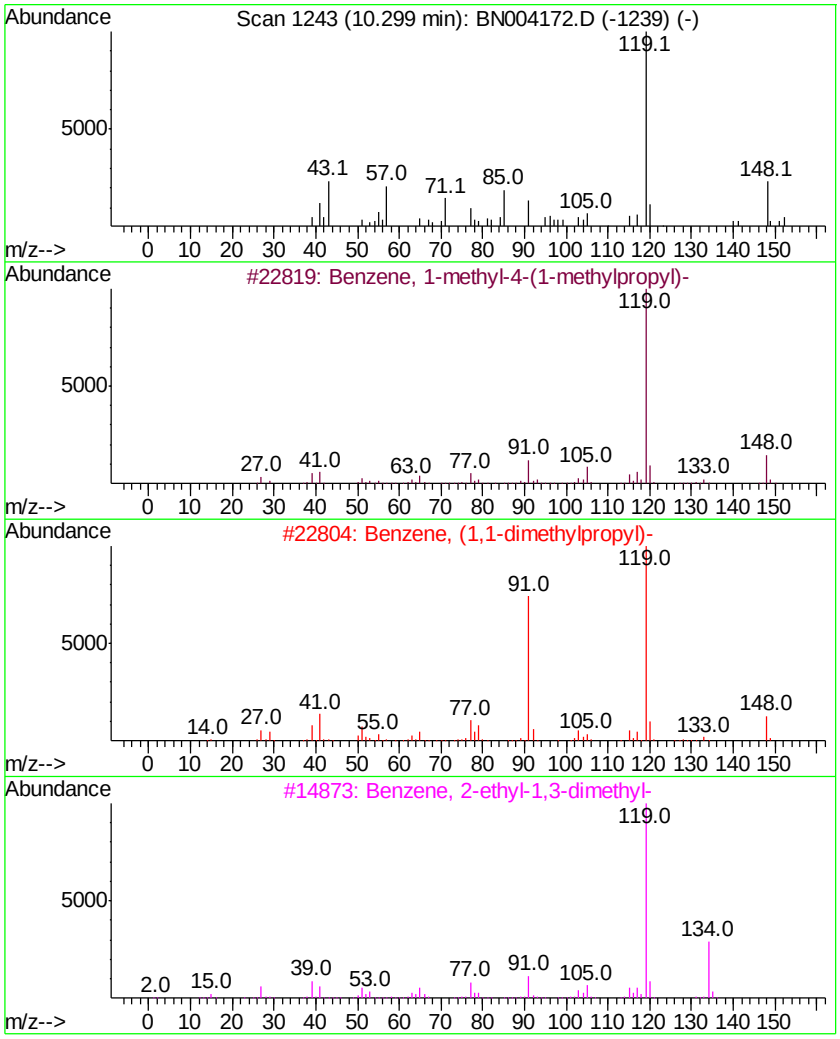
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

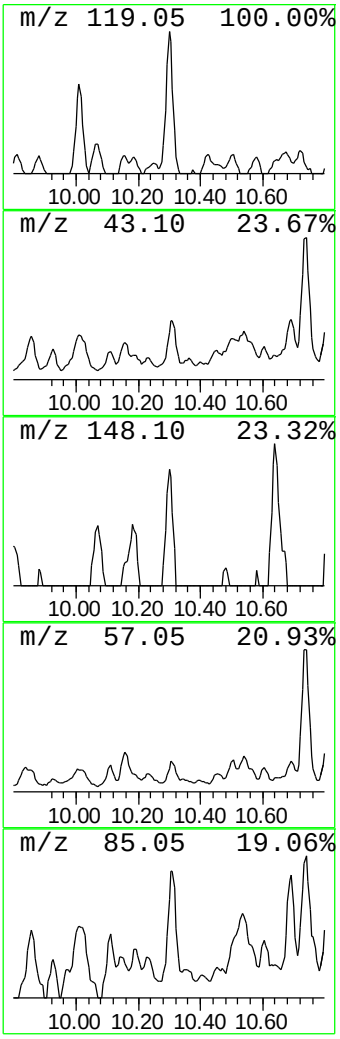
****

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	5.40 ng/ul	77356	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	52
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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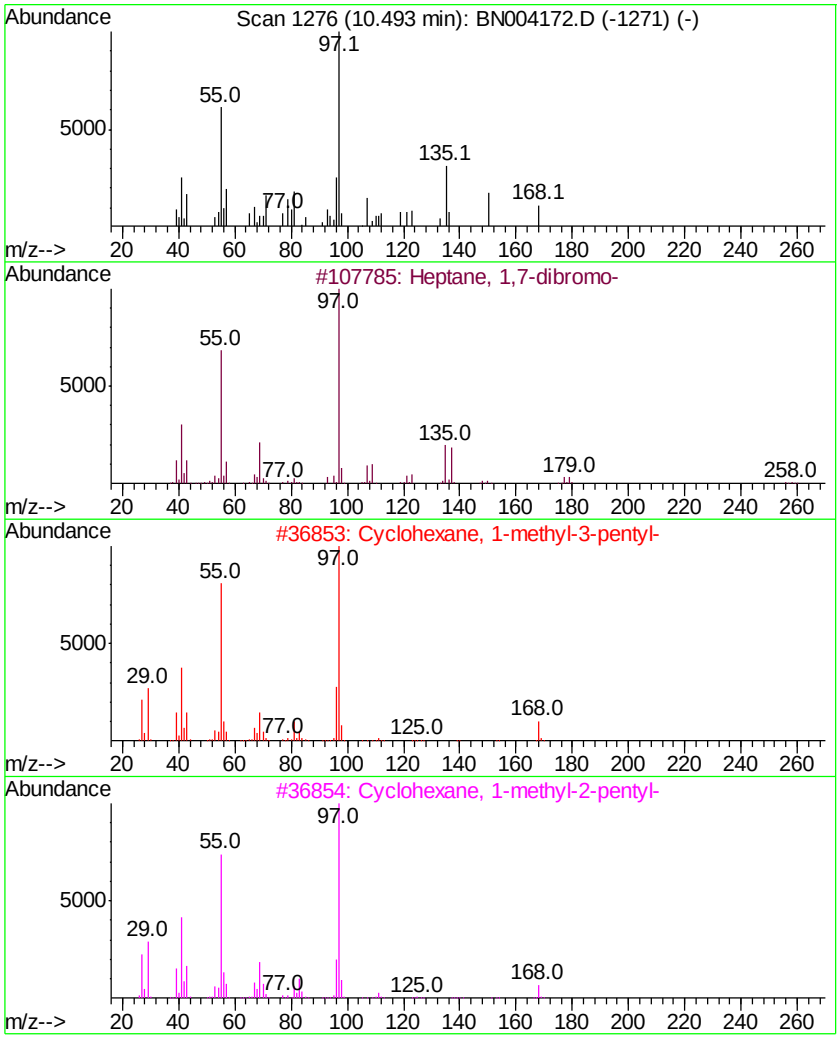
Quant Title : SVOA CALIBRATION

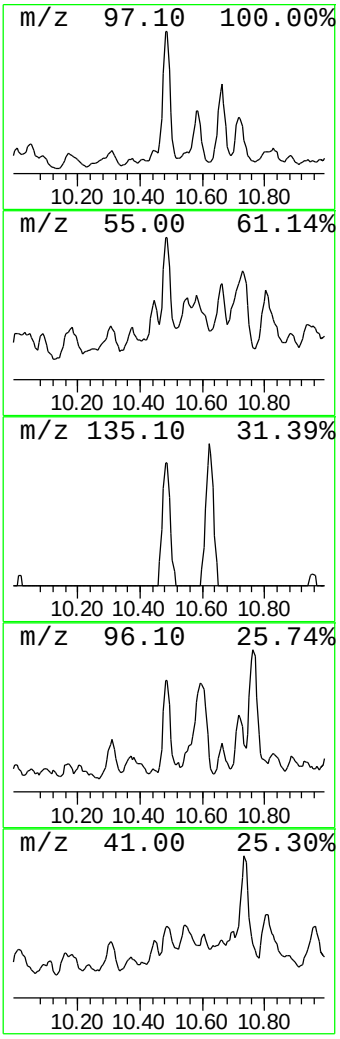
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	4.56 ng/ul	65385	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 1,7-dibromo-	256	C7H14Br2	004549-31-9	50
2	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	49
3	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	47
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	43
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	43





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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

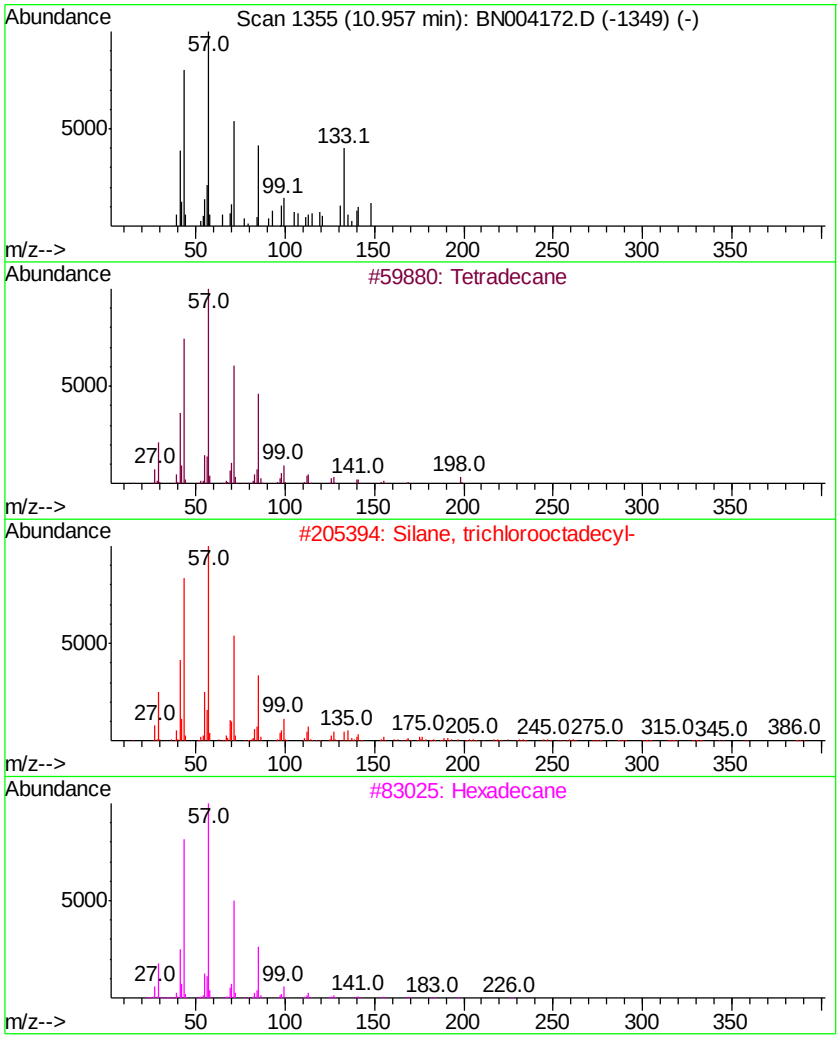
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

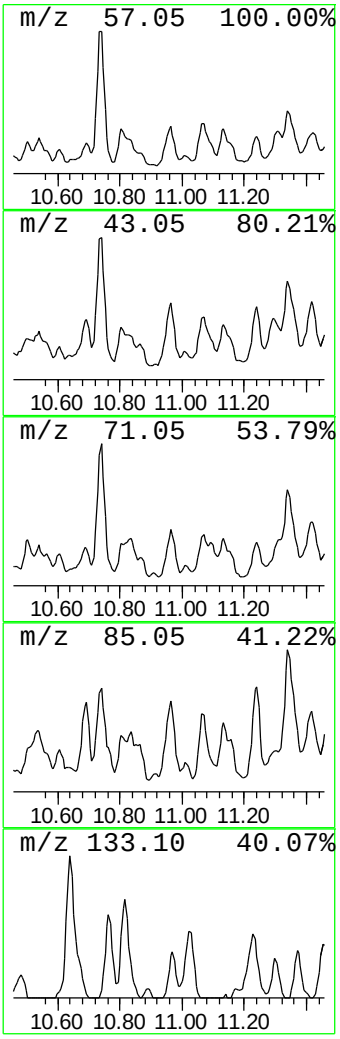
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	4.81 ng/ul	68834	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	52
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	50
3	Hexadecane	226	C16H34	000544-76-3	47
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	43
5	Heptadecane	240	C17H36	000629-78-7	43





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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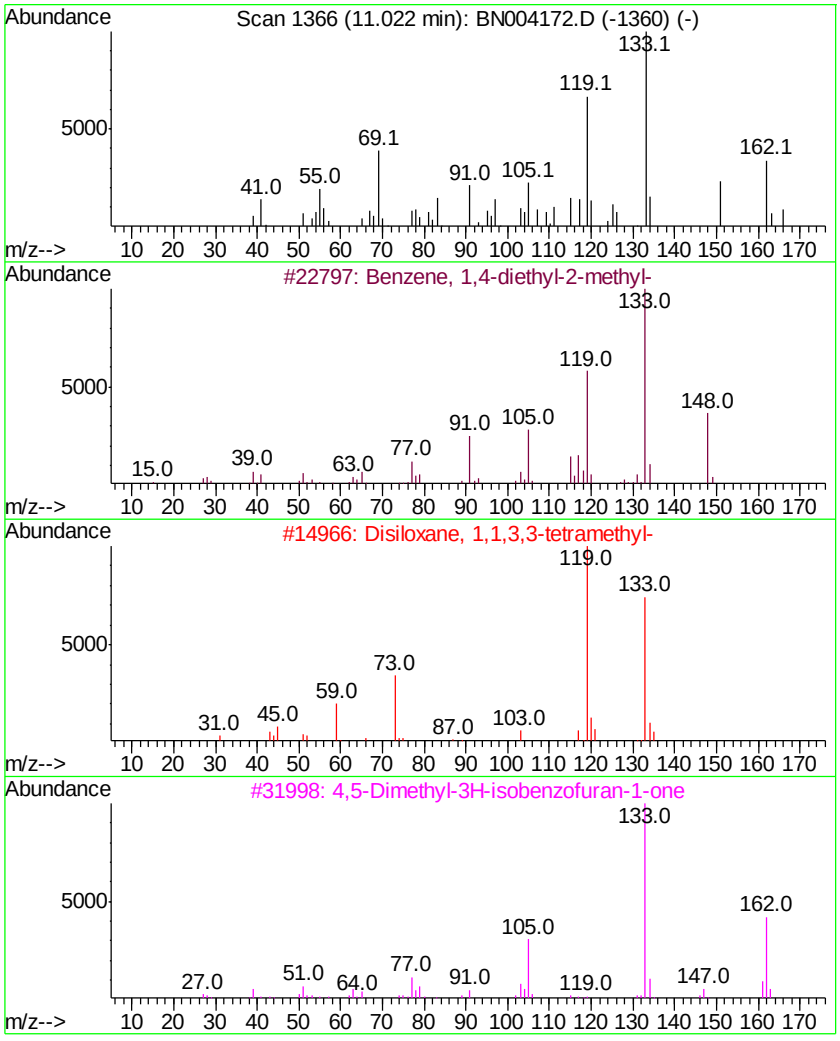
Quant Title : SVOA CALIBRATION

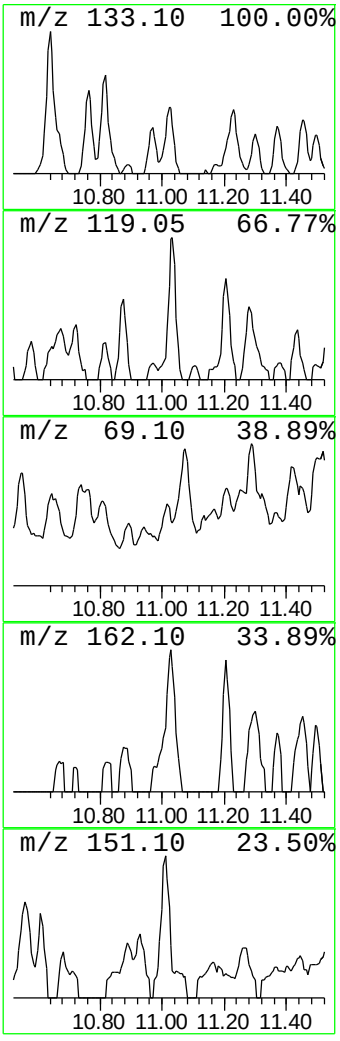
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.86 ng/ul	55336	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	53
2	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	49
3	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	46
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	43
5	Tricyclo[6.2.1.0(2,6)]undeca-2(6...	162	C10H14N2	1000302-79-4	43





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

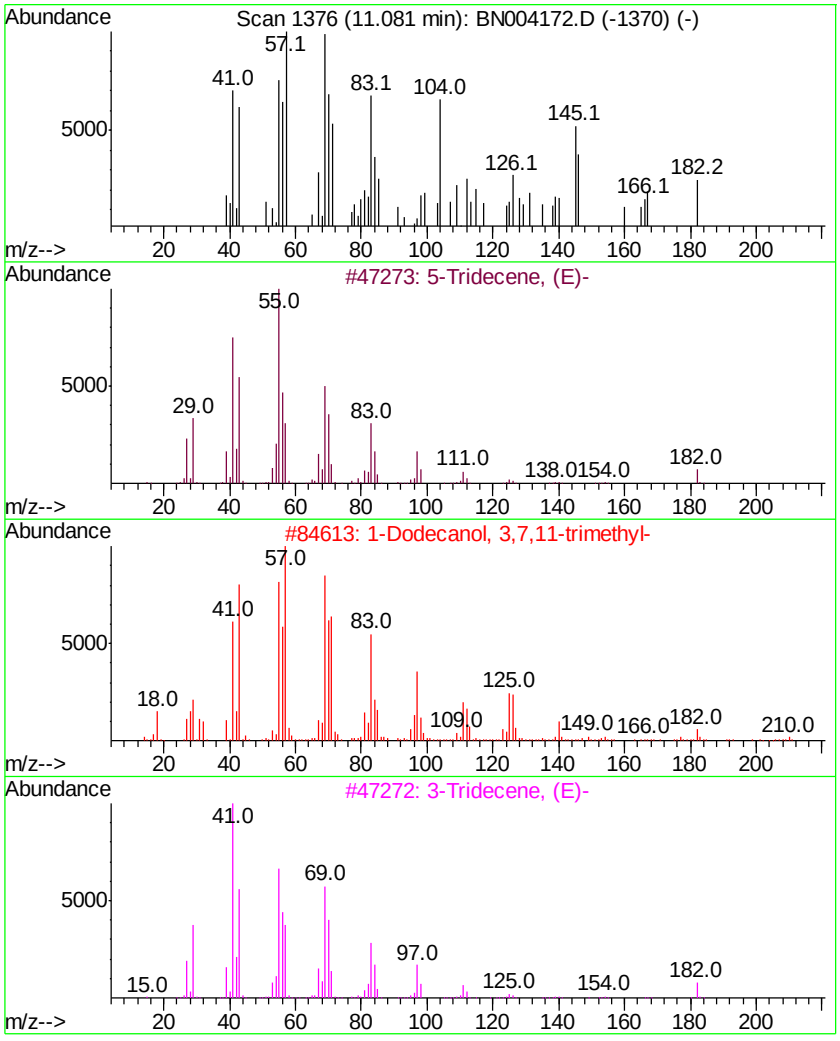
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

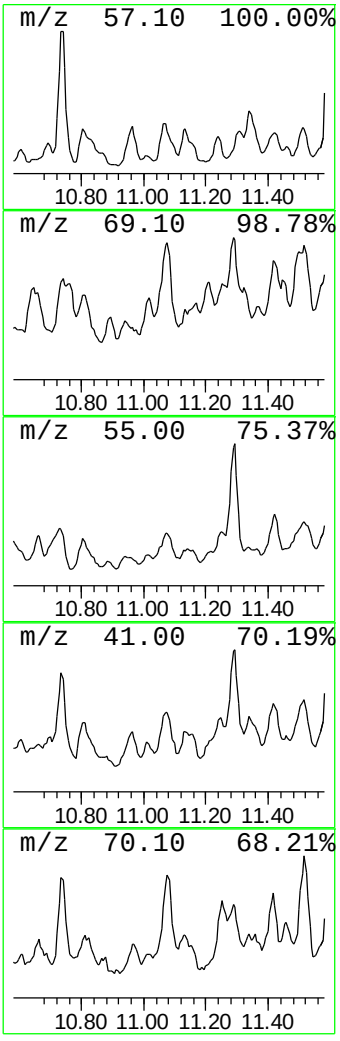
****

Peak Number 11 (DEL) Alkane: Cyclic11.08 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	7.43 ng/ul	106447	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tridecene, (E)-	182	C13H26	023051-84-5	46
2	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	43
3	3-Tridecene, (E)-	182	C13H26	041446-57-5	43
4	3-Undecene, (Z)-	154	C11H22	000821-97-6	41
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	38





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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

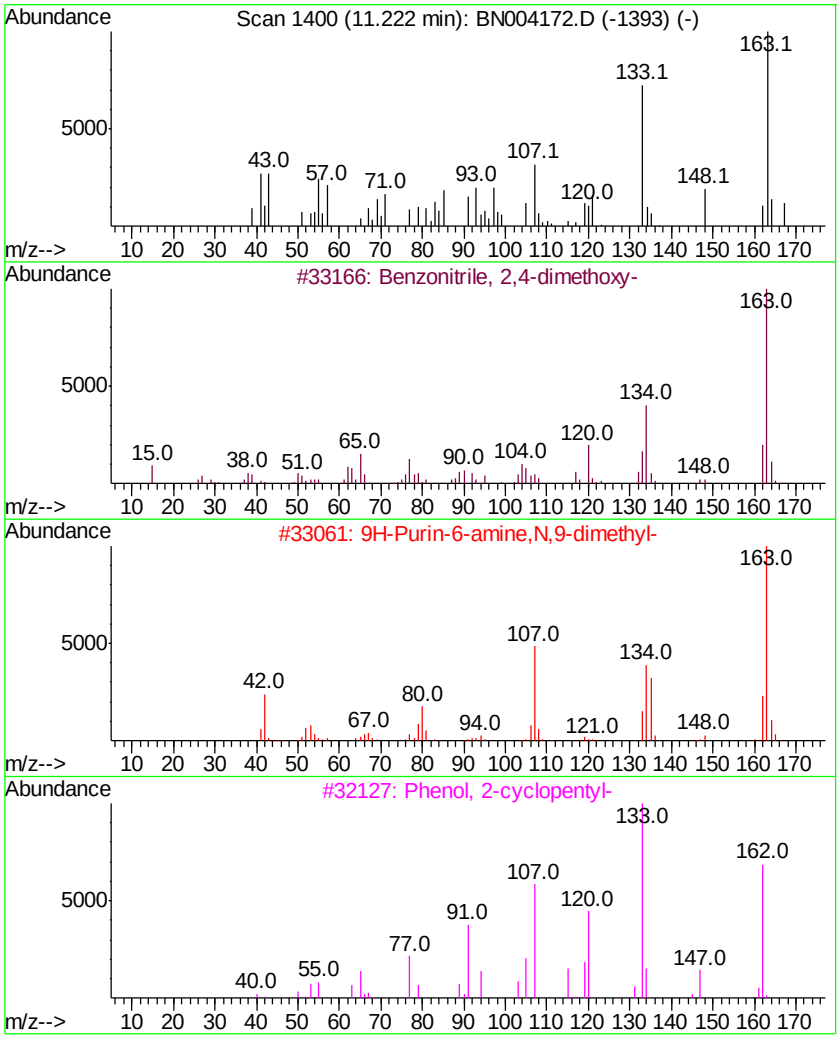
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

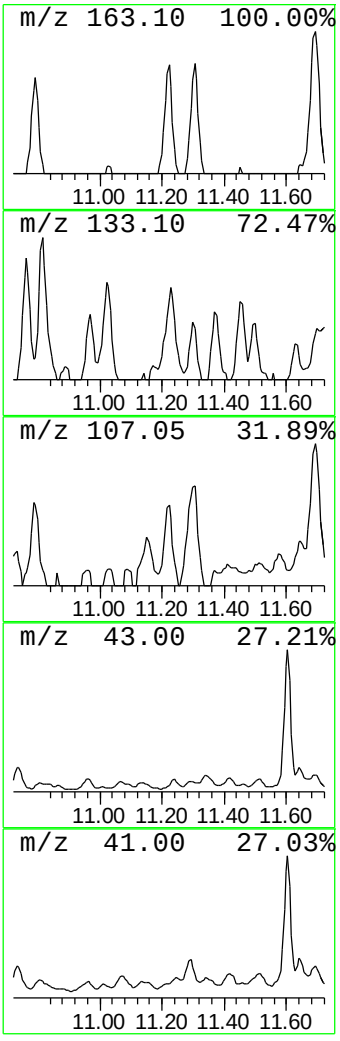
****

Peak Number 12 unknown-03 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.23 ng/ul	60530	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	46
2	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	43
3	Phenol, 2-cyclopentyl-	162	C11H14O	001518-84-9	42
4	6-Amino-2,4-dimethyl-5,7-diazabe...	163	C8H9N3O	022727-43-1	38
5	2,6-Dimethylphenyl isothiocyanate	163	C9H9NS	019241-16-8	38





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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

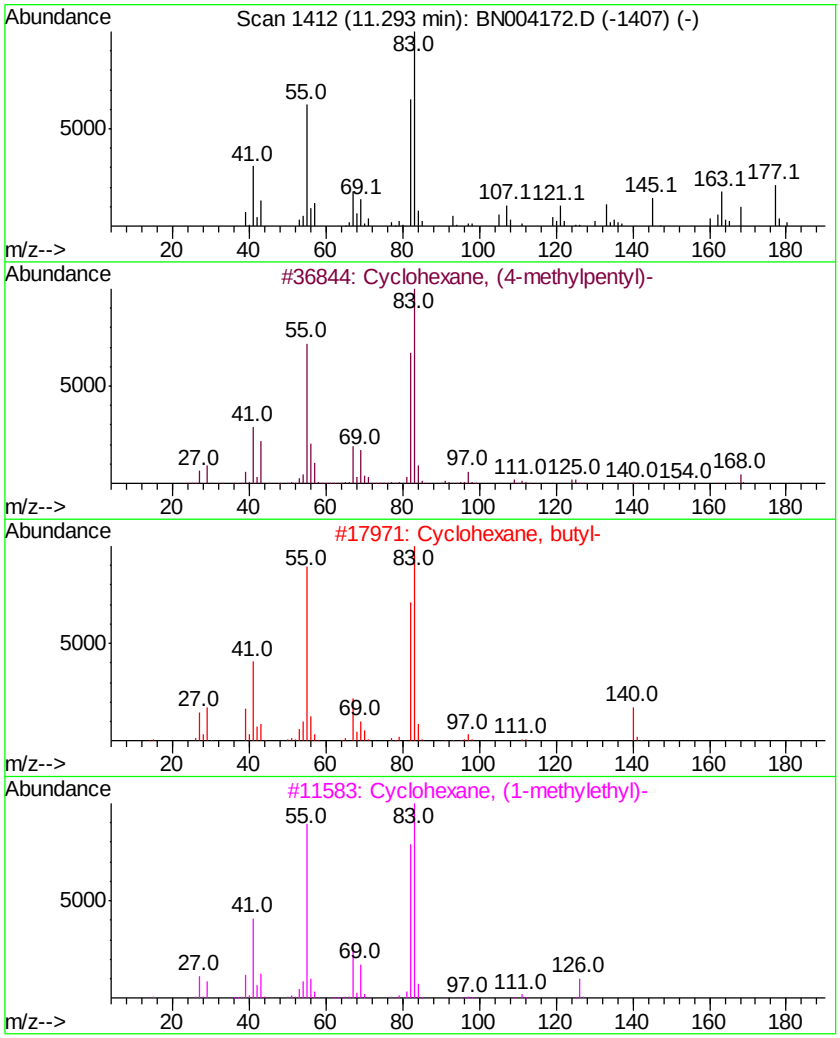
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

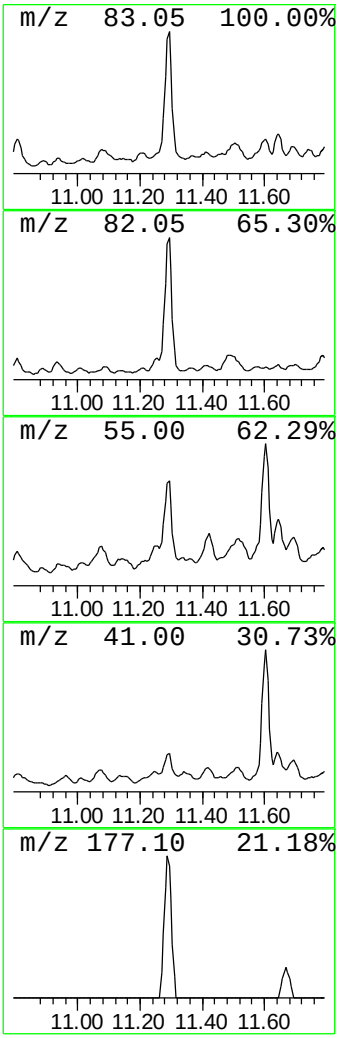
****

Peak Number 13 (DEL) Alkane: Cyclic11.29 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	12.64 ng/ul	181014	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50





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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

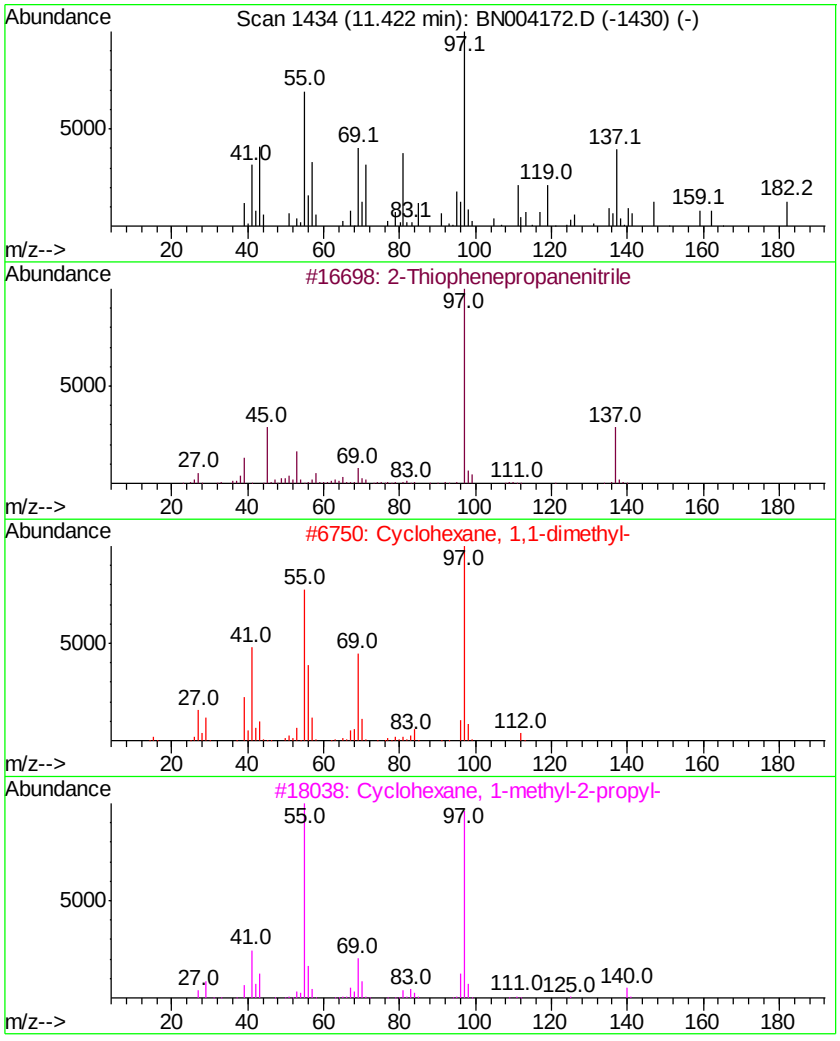
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

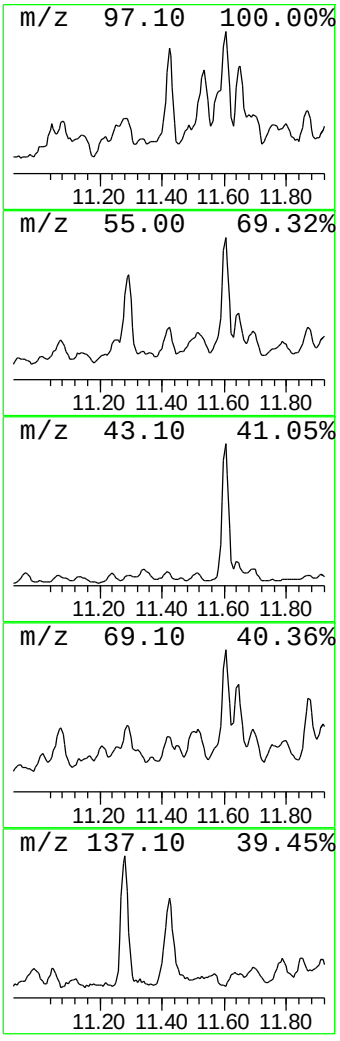
****

Peak Number 14 unknown-04 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	4.97 ng/ul	71124	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenepropanenitrile	137	C7H7NS	005722-13-4	46
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	38
4	Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	35
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	30





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Instrument : BNA_N
ClientSampleId : F9H34

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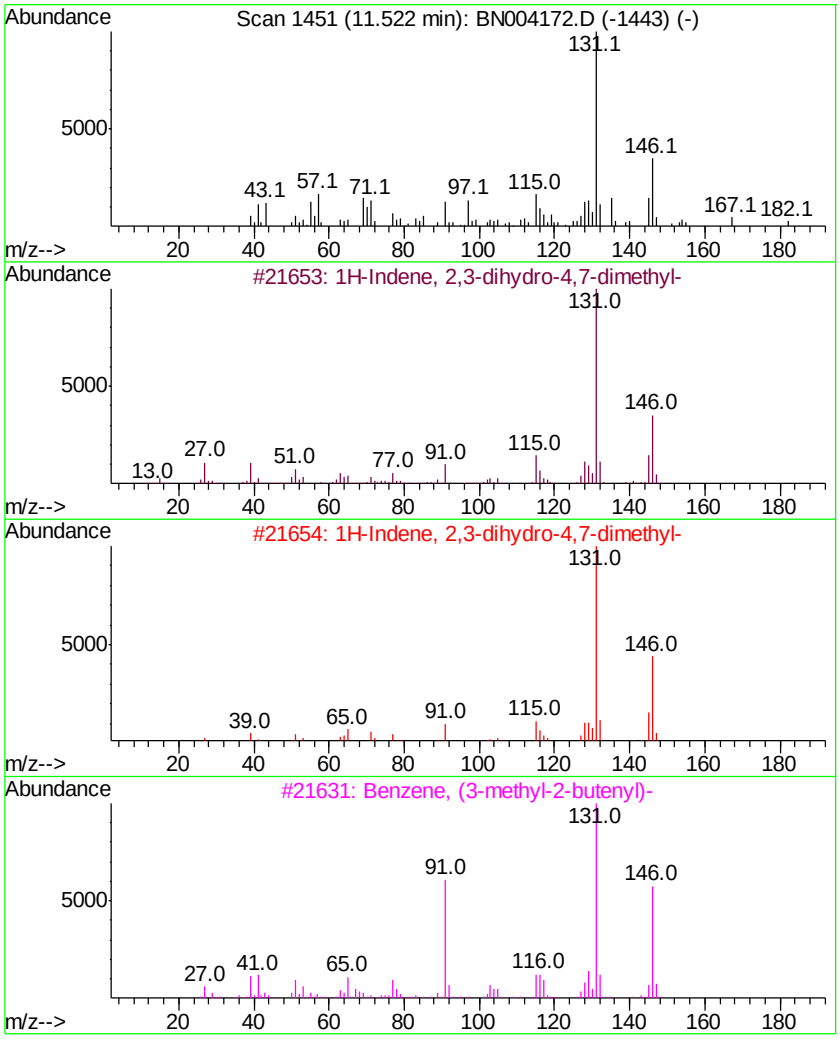
Quant Title : SVOA CALIBRATION

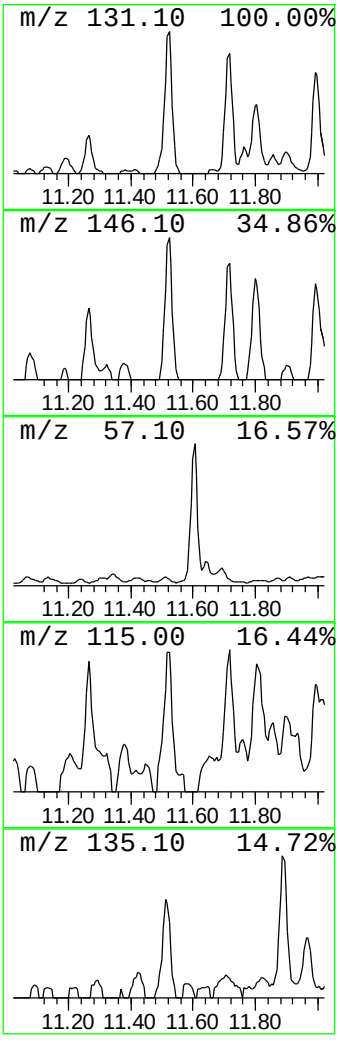
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	14.42 ng/ul	206510	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	95
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94





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Quant Title : SVOA CALIBRATION

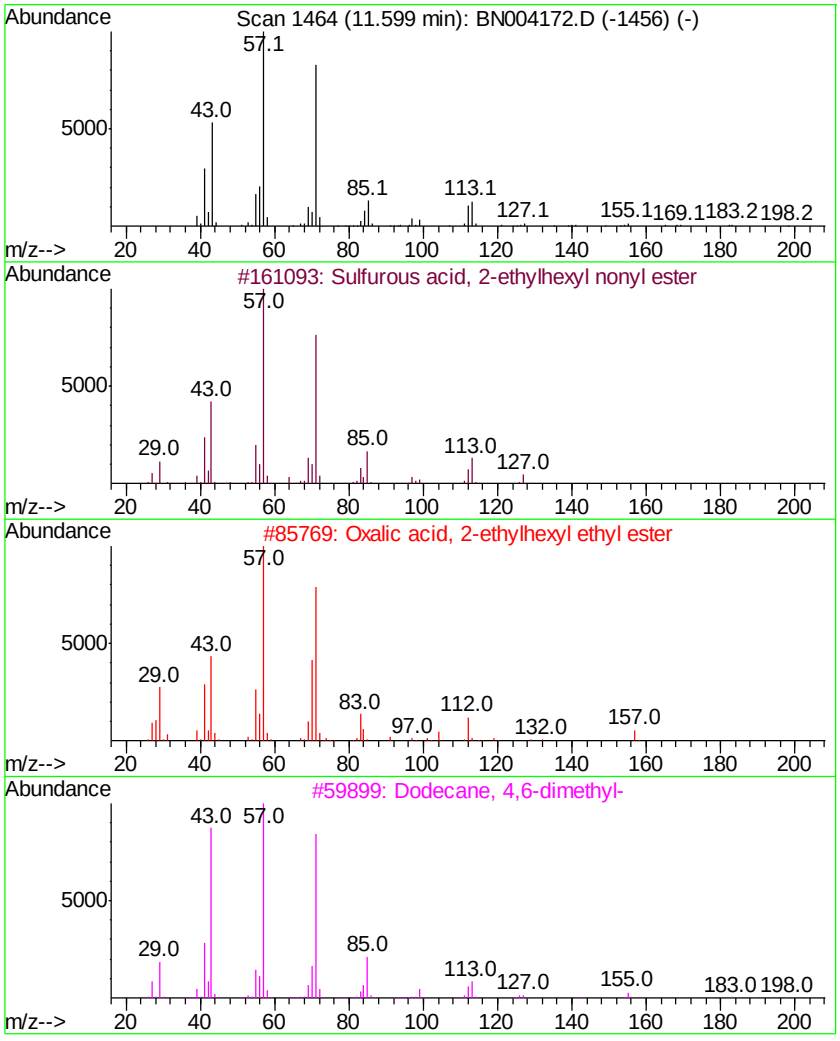
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

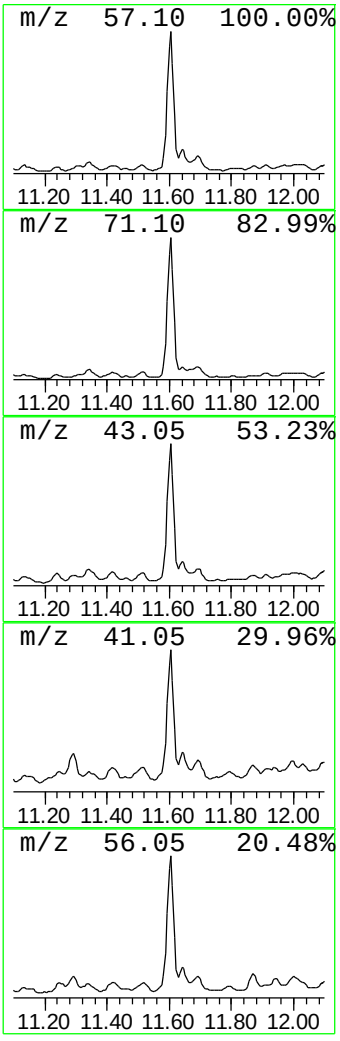
****

Peak Number 16 Sulfurous acid, 2-ethylhexy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	53.68 ng/ul	768948	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

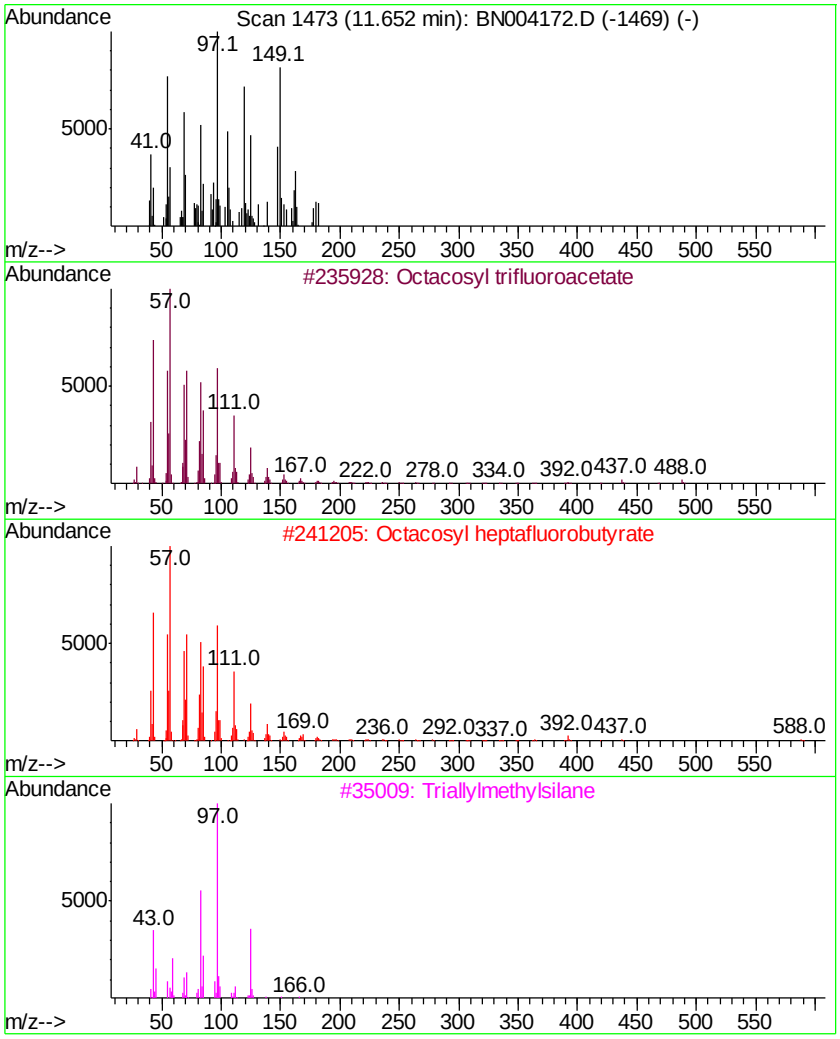
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

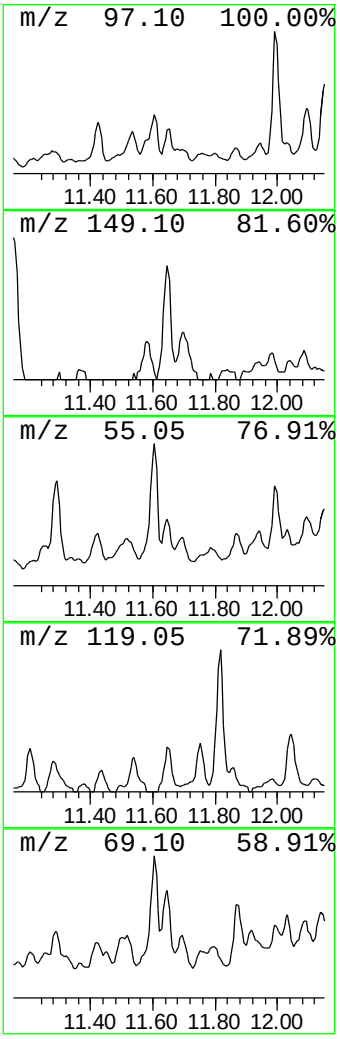
****

Peak Number 17 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	13.05 ng/ul	186942	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	38
2	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	38
3	Triallylmethylsilane	166	C10H18Si	001112-91-0	38
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	35
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	35





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

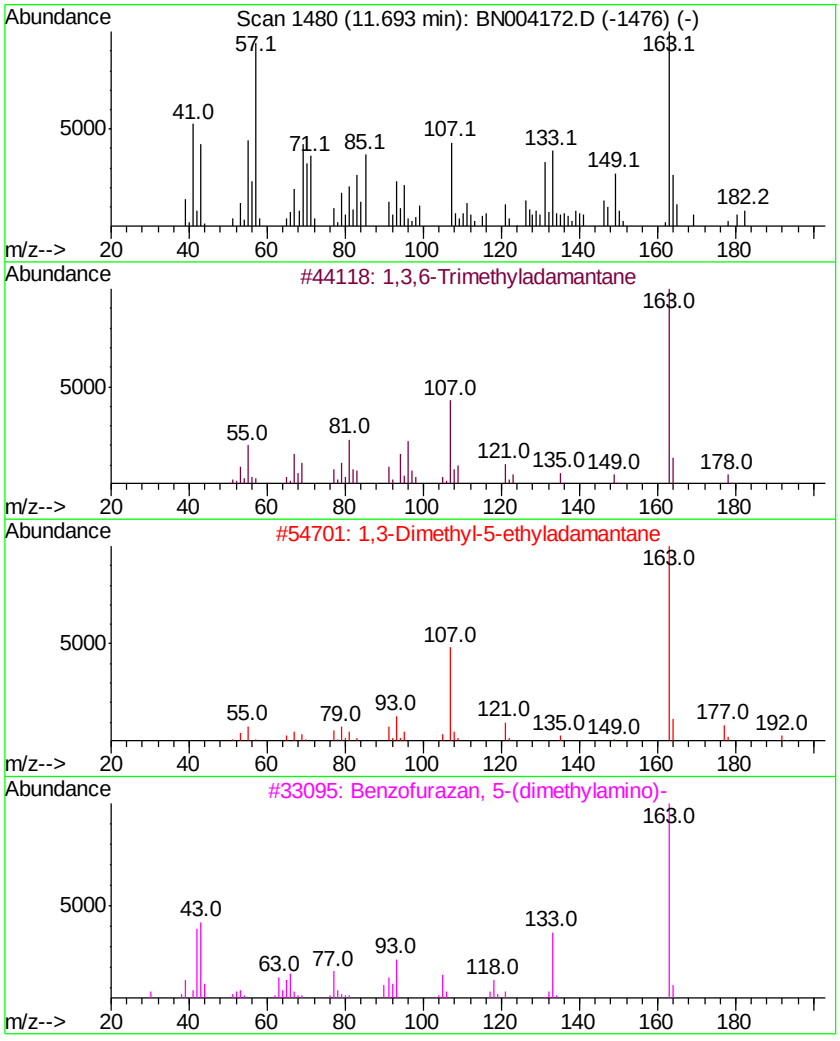
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

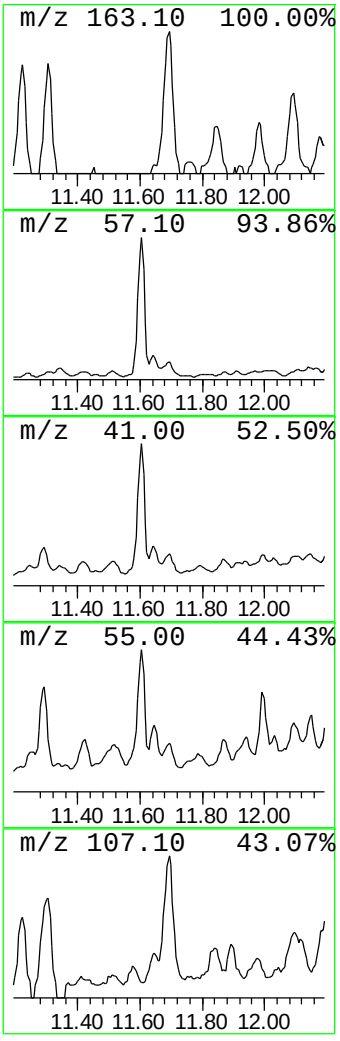
****

Peak Number 18 unknown-06 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	15.45 ng/ul	221355	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	43
2	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	35
3	Benzofurazan, 5-(dimethylamino)-	163	C8H9N3O	006124-22-7	35
4	N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	35
5	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	32





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

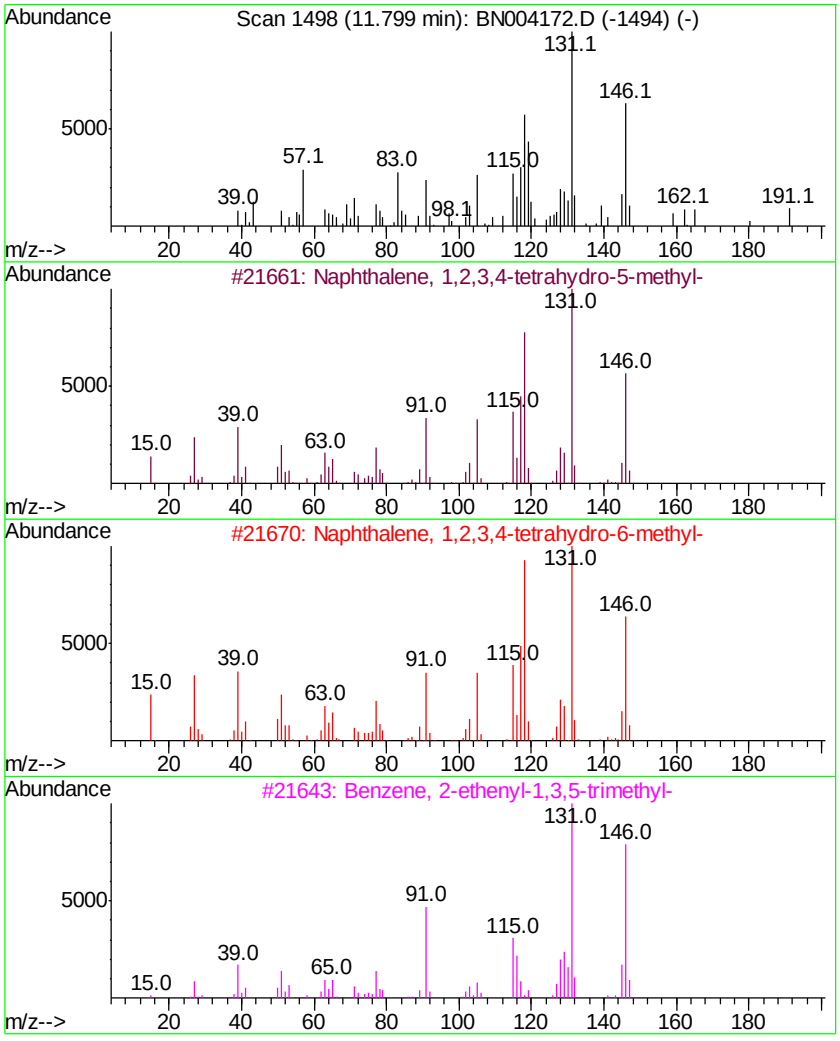
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

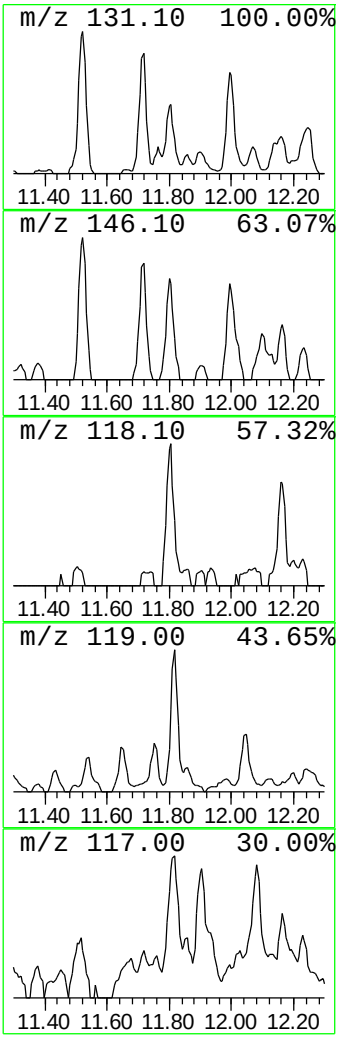
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.37 ng/ul	105632	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	92
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

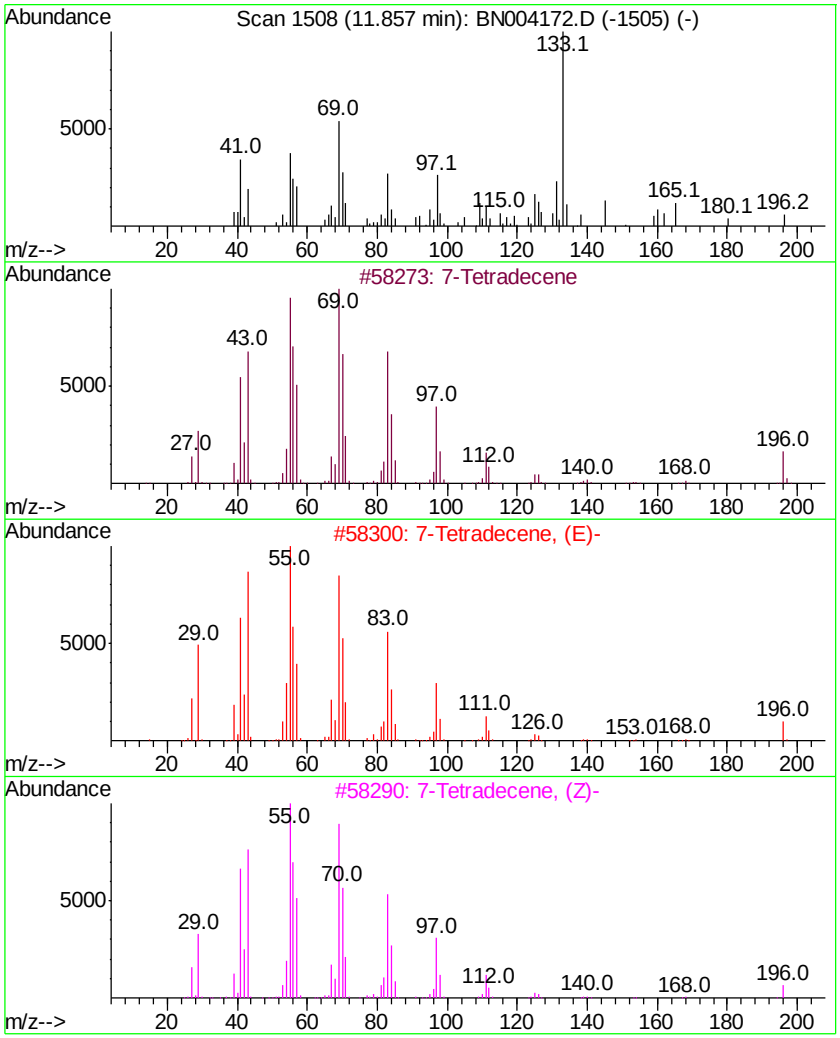
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

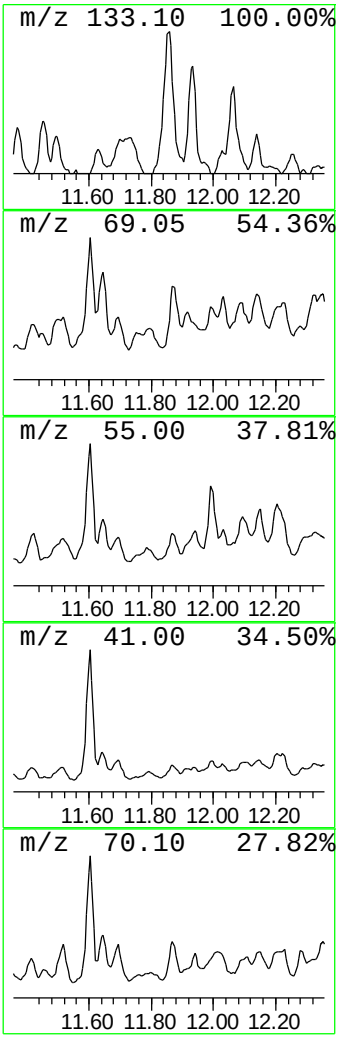
****

Peak Number 20 (DEL) Alkane: Cyclic11.86 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.75 ng/ul	82405	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene	196	C14H28	010374-74-0	53
2	7-Tetradecene, (E)-	196	C14H28	041446-63-3	46
3	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	46
4	3-Tetradecene, (E)-	196	C14H28	041446-68-8	41
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	38





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

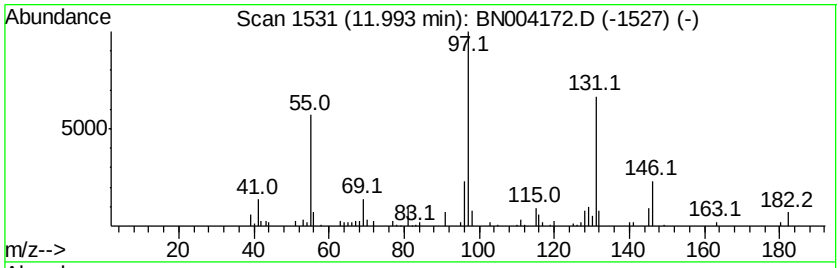
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

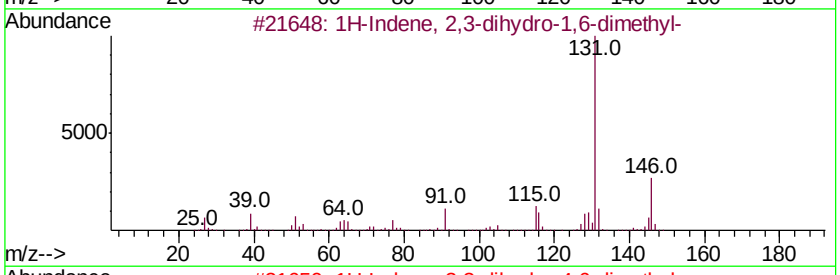
****

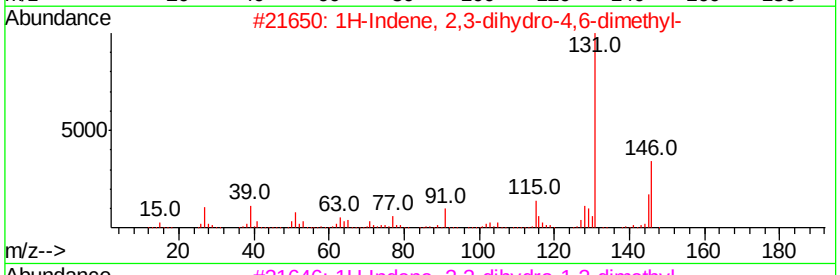
Peak Number 21 unknown-07 Concentration Rank 40

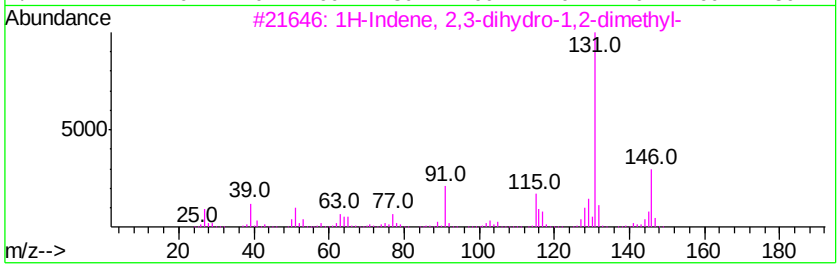
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	8.78 ng/ul	125818	Naphthalene-d8	10.62

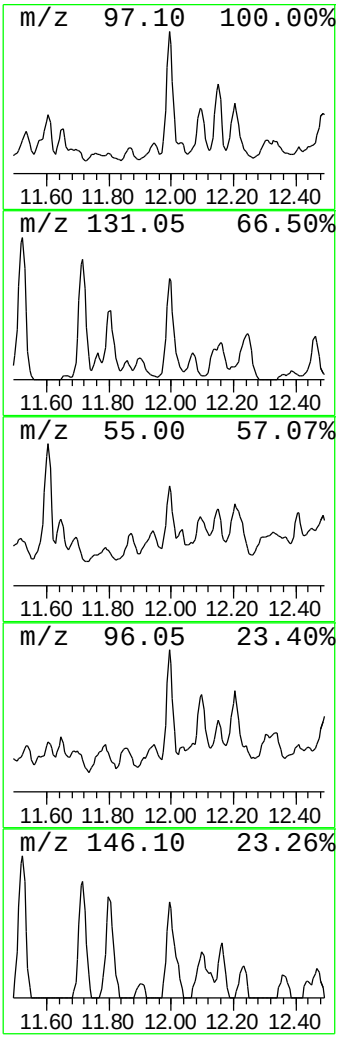
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	46
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	46
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46











Library Search Compound Report

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Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

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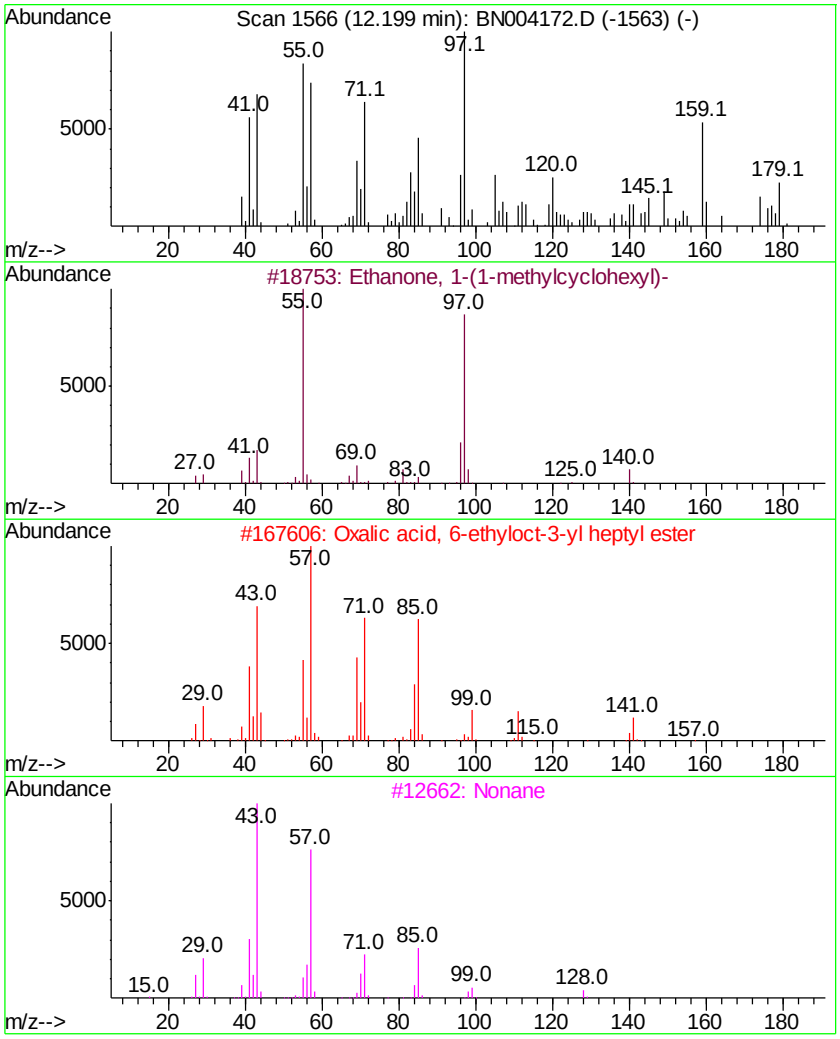
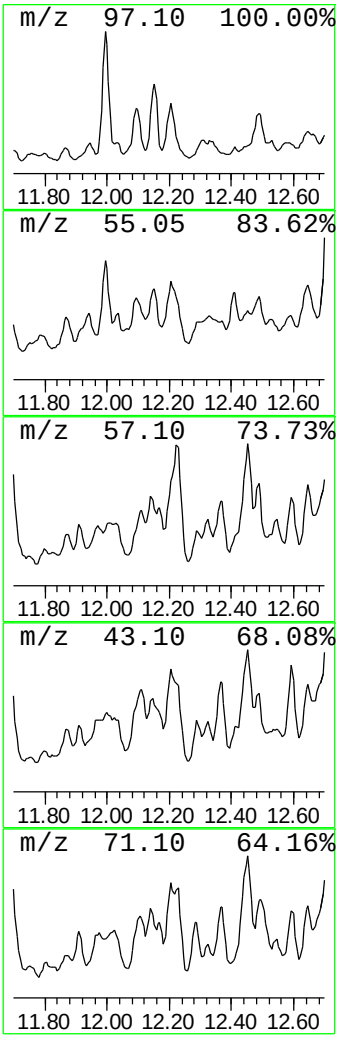
Peak Number 22 unknown-08 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	7.56 ng/ul	108338	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	22
2	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	18
3	Nonane	128	C9H20	000111-84-2	15
4	(R,S)-5-Ethyl-6-methyl-3E-hepten...	154	C10H18O	057283-79-1	14
5	4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	14





Library Search Compound Report

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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

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

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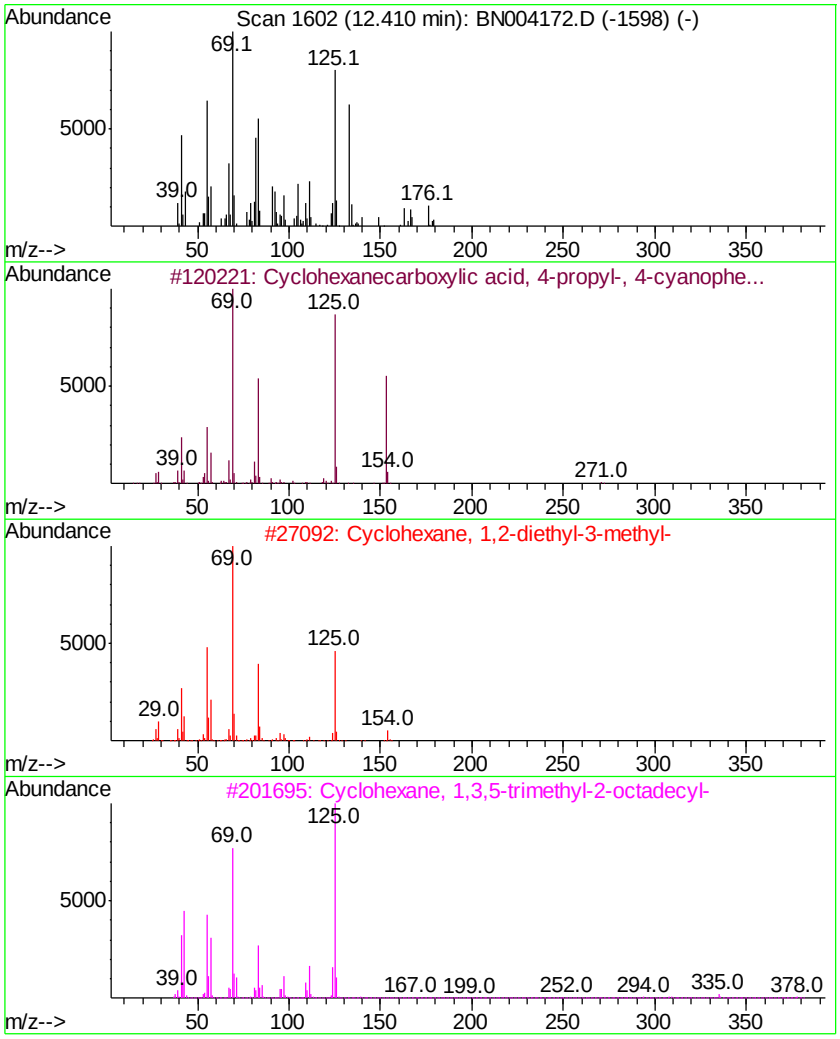
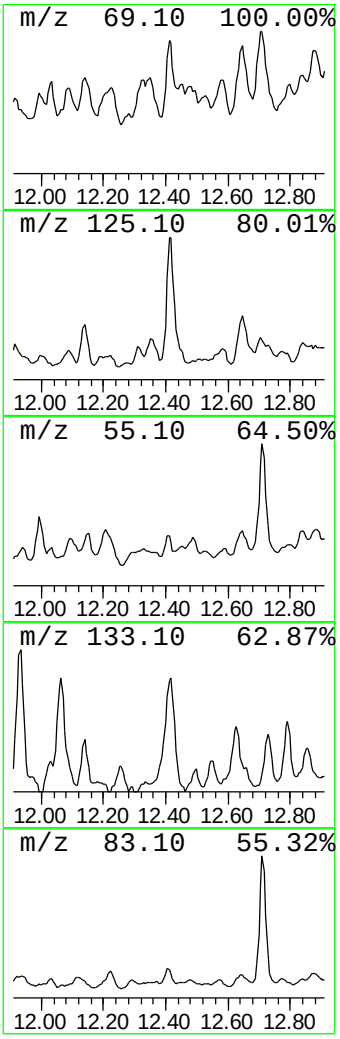
Peak Number 23 unknown-09 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	6.90 ng/ul	98892	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	47
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	47
3	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	46
4	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	43
5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

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

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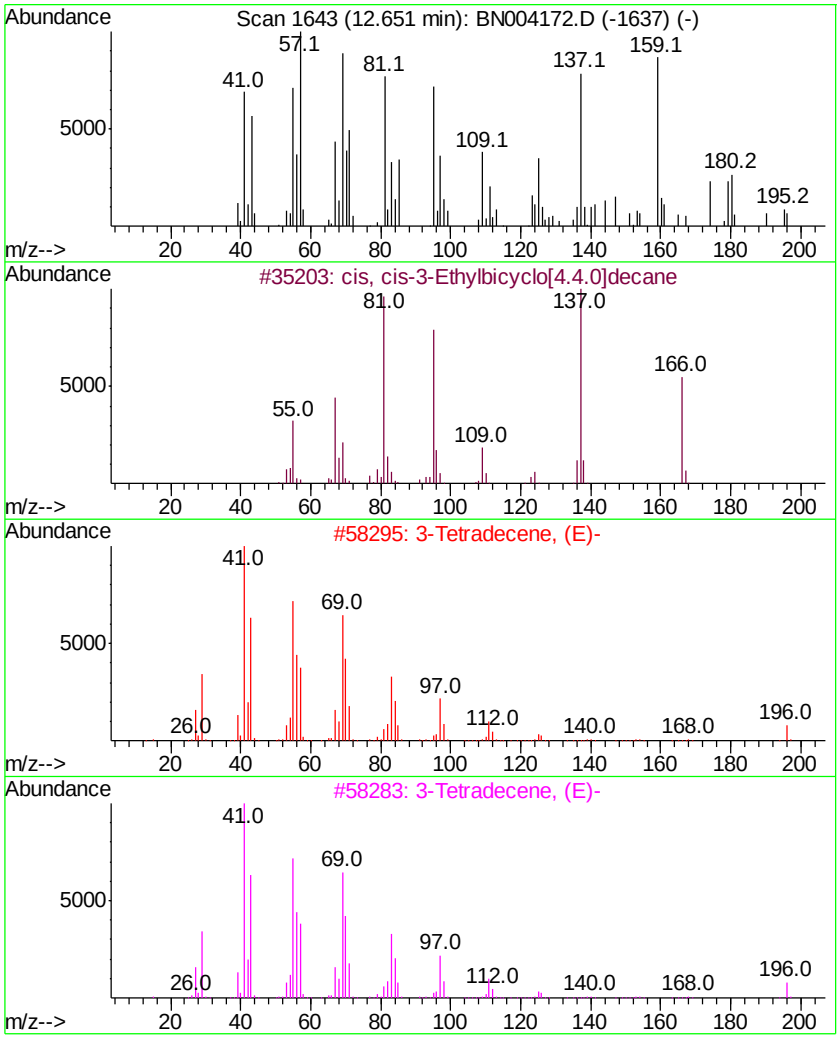
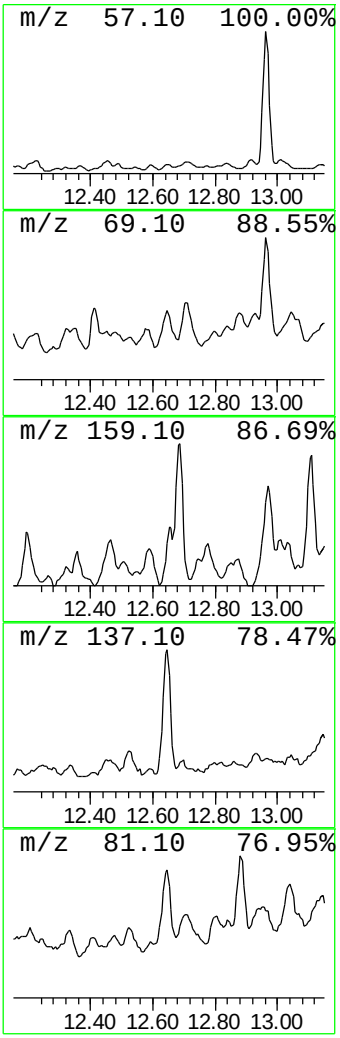
Peak Number 25 unknown-10 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	26.51 ng/ul	149703	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	43
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	40
3	3-Tetradecene, (E)-	196	C14H28	041446-68-8	40
4	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
5	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	38





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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

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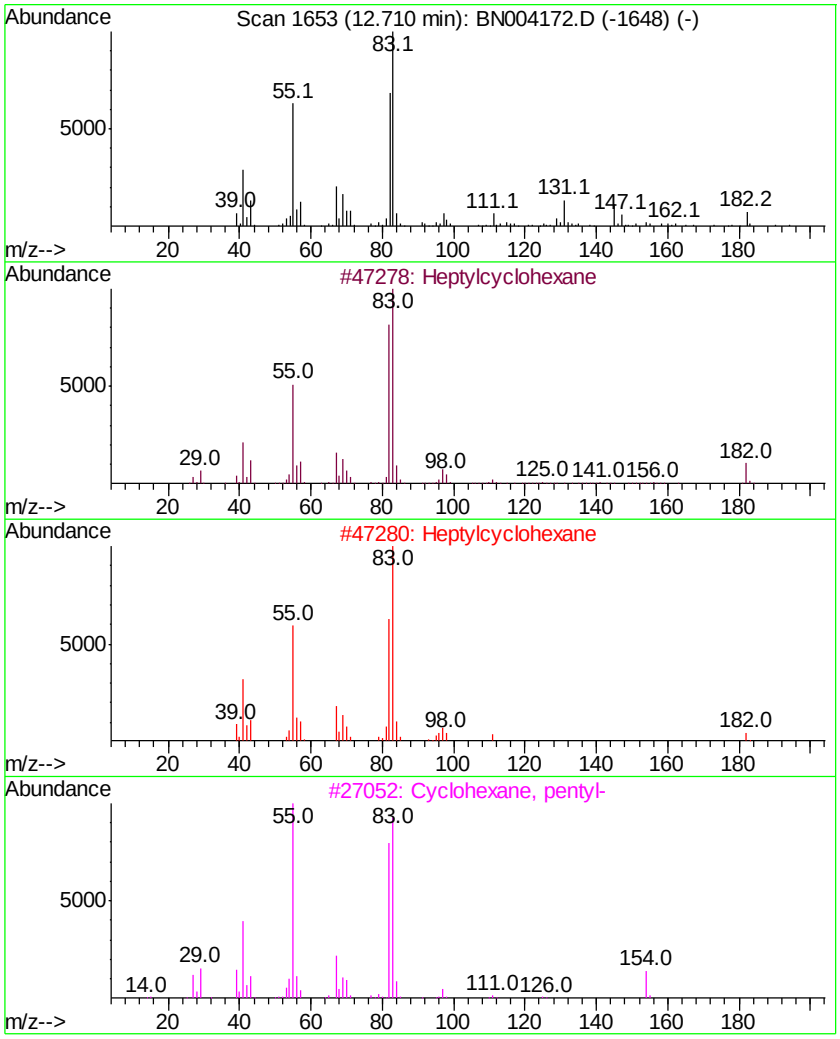
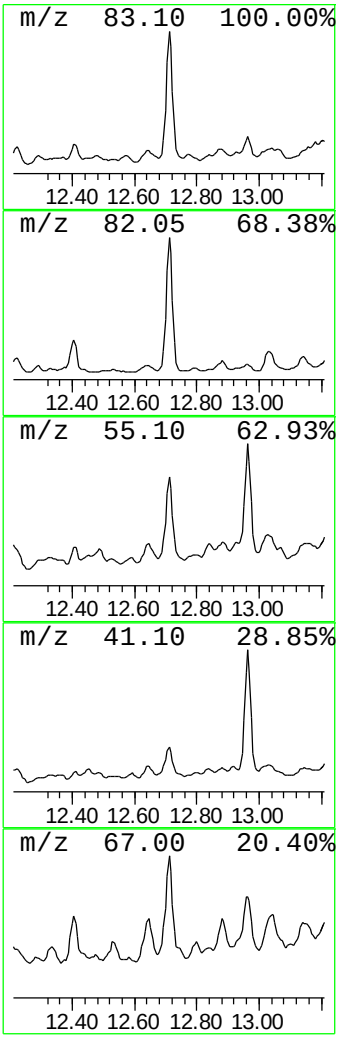
Peak Number 26 (DEL) Alkane: Cyclic12.71 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	66.69 ng/ul	376571	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	74
2	Heptylcyclohexane	182	C13H26	005617-41-4	64
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

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

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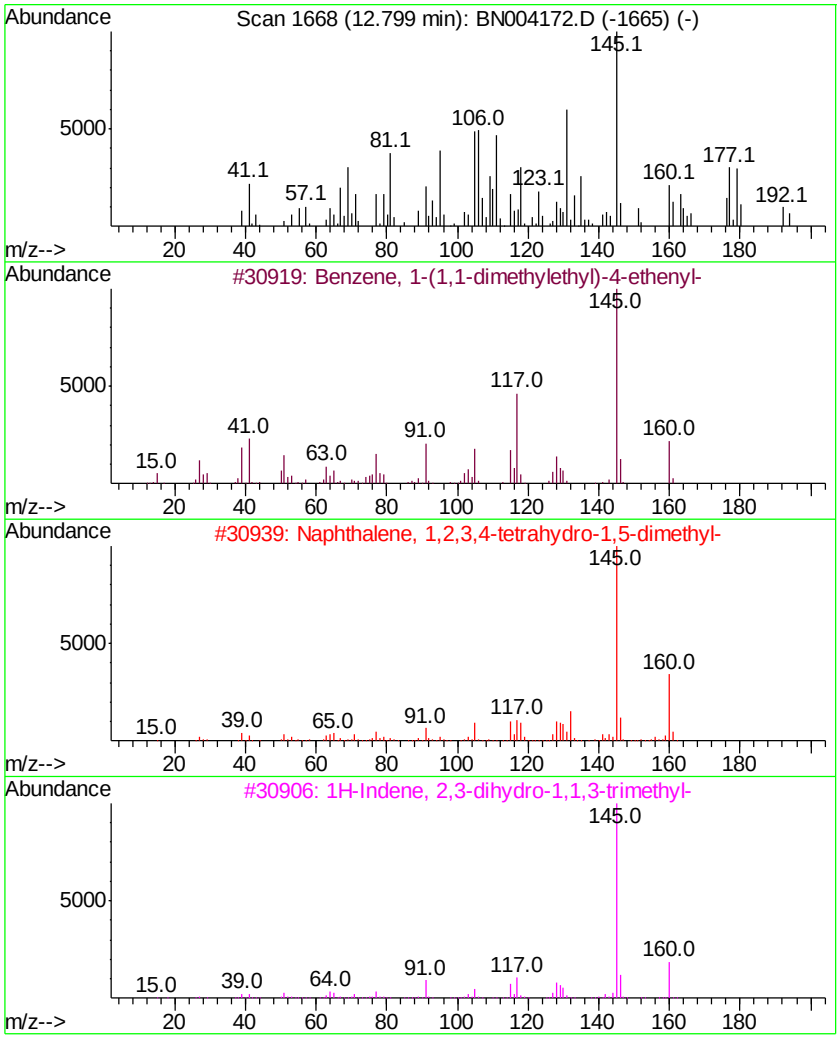
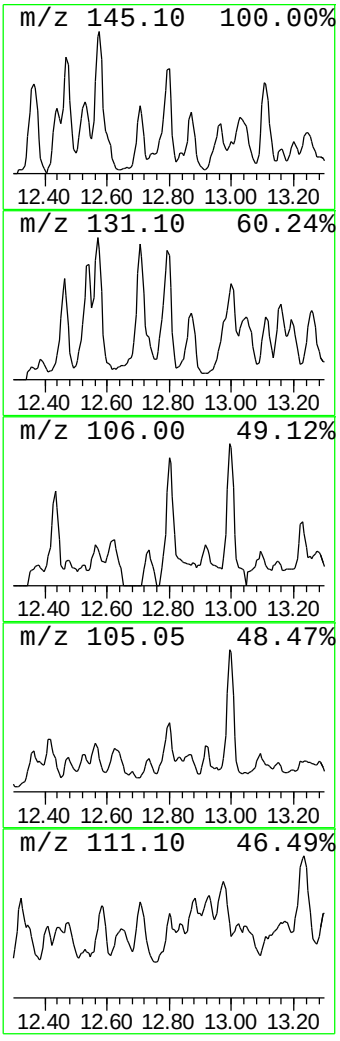
Peak Number 27 unknown-11 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	13.67 ng/ul	77215	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	35
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	35
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	20
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	20
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	20





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

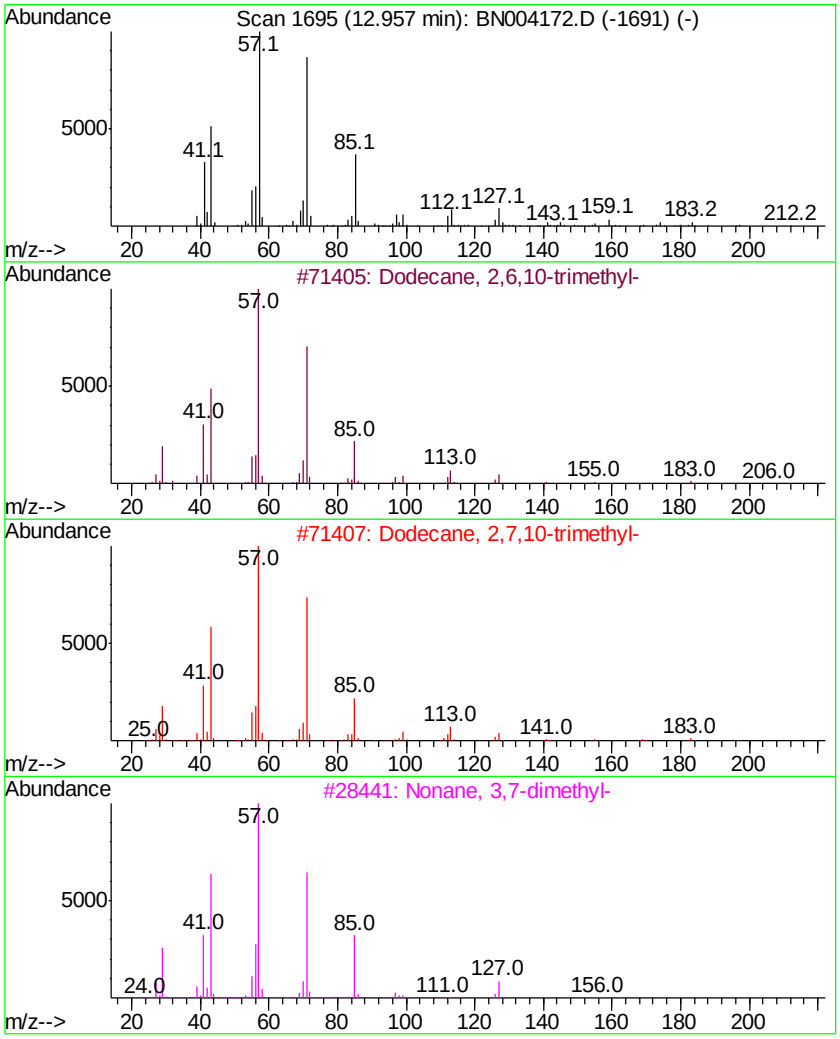
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

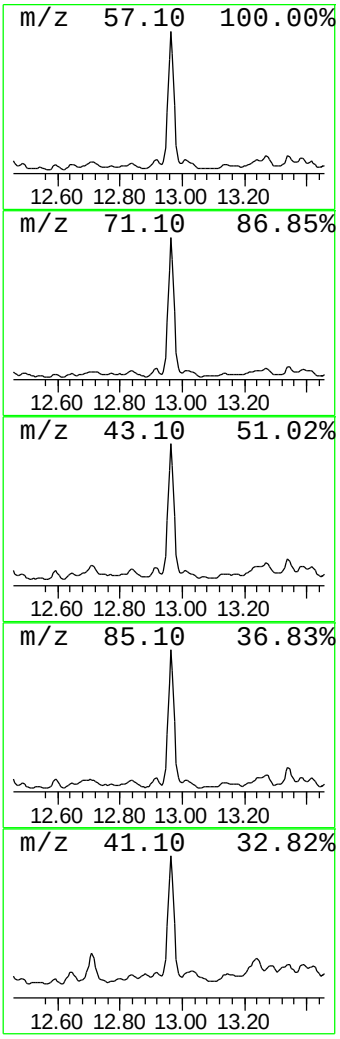
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	199.58 ng/ul	1126970	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
4	Decane, 5-propyl-	184	C13H28	017312-62-8	72
5	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

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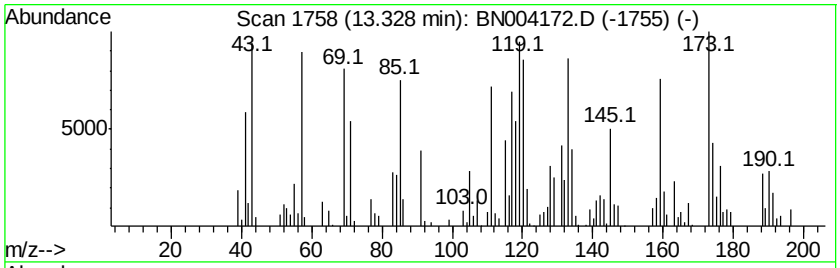
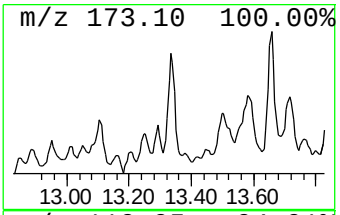
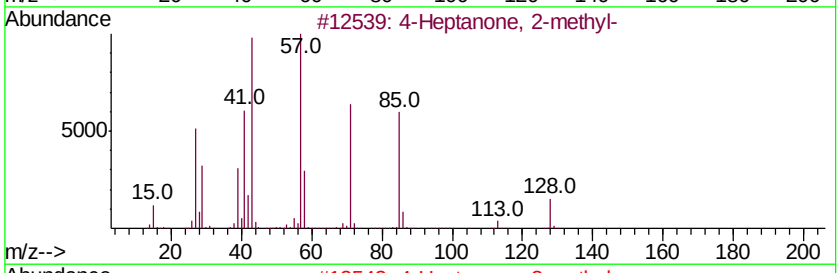
Peak Number 29 unknown-12 Concentration Rank 23

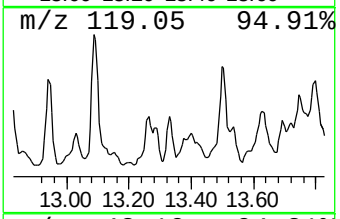
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	29.08 ng/ul	164227	Acenaphthene-d10	14.46

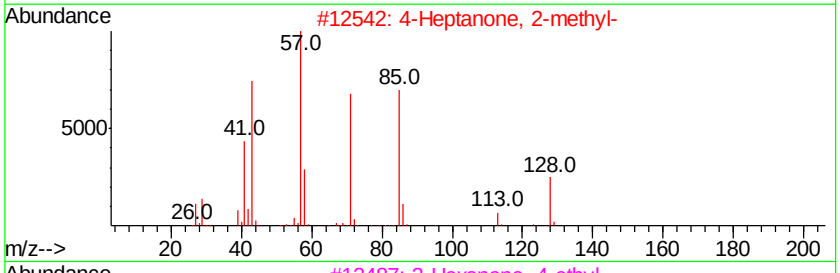
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	38
2	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	30
3	3-Hexanone, 4-ethyl-	128	C8H16O	006137-12-8	25
4	Propanal, butylhydrazone	128	C7H16N2	020607-75-4	11
5	Benzyl(ethenyl)dimethylsilane	176	C11H16Si	018001-46-2	11

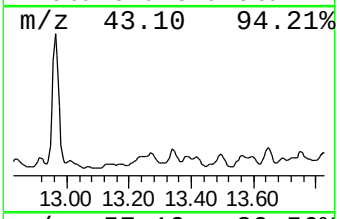


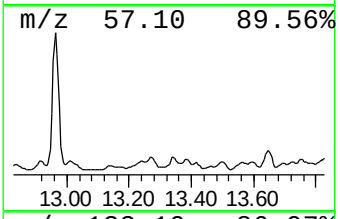


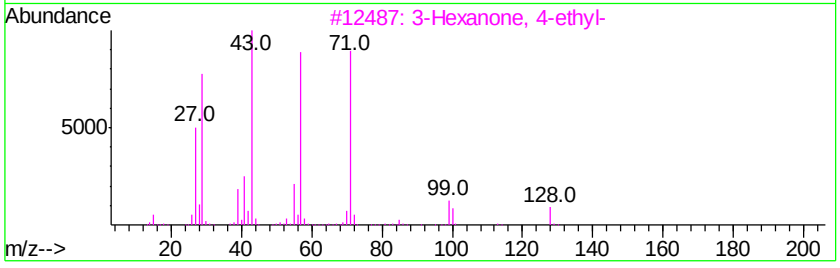


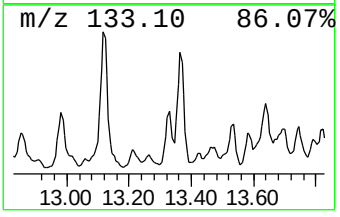












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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

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

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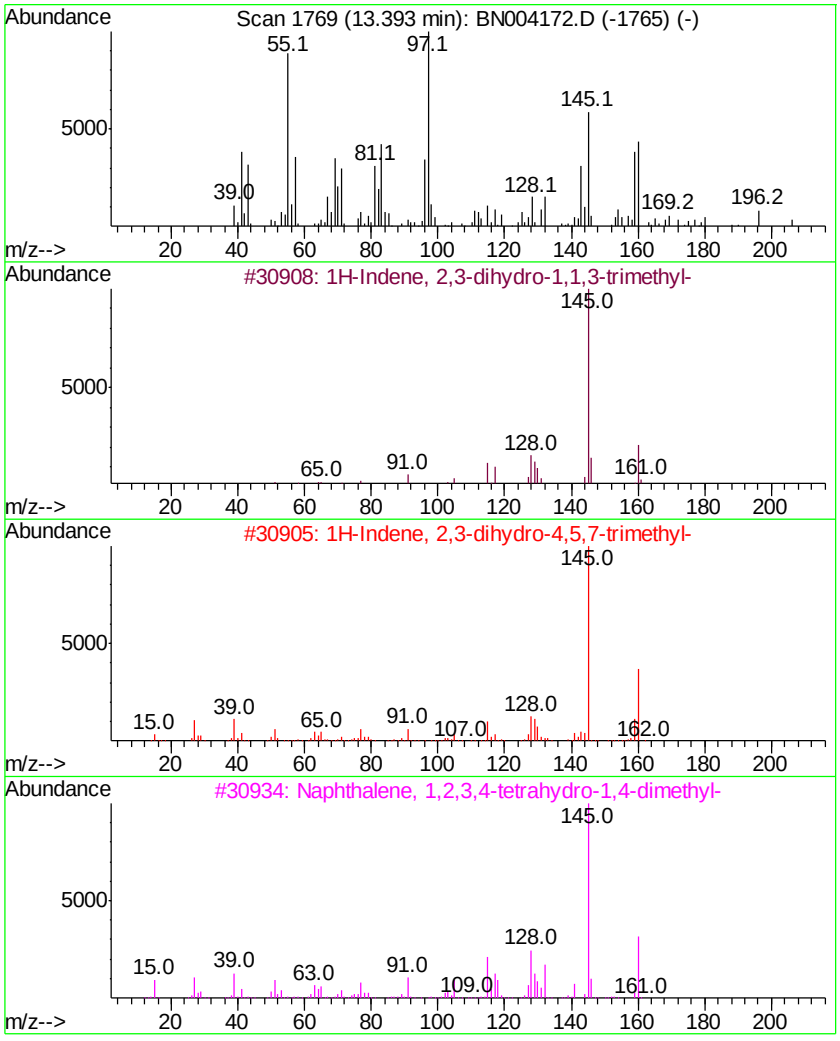
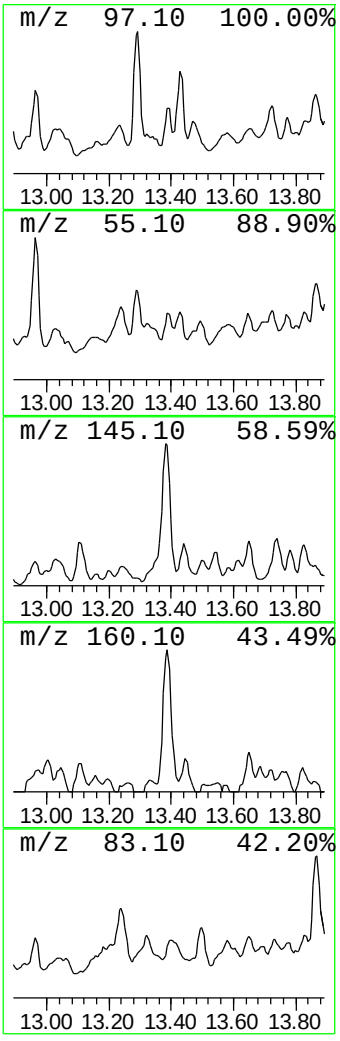
Peak Number 30 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	26.05 ng/ul	147109	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
2	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	49
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49





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ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

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

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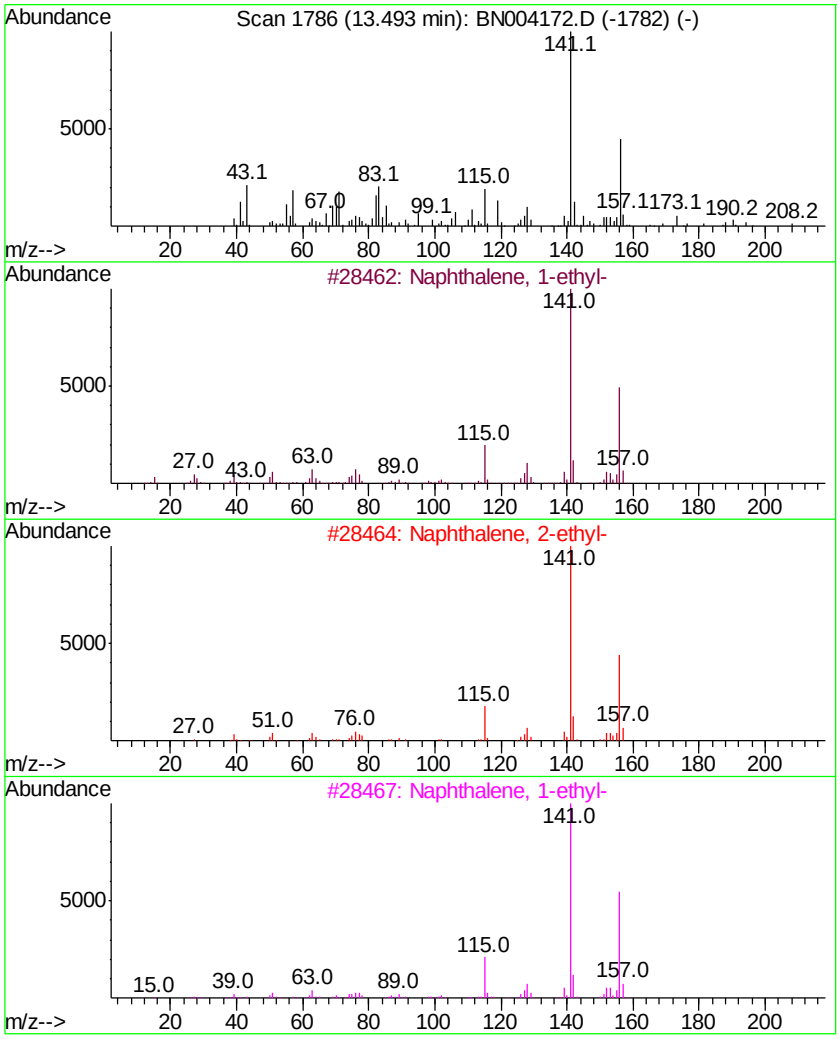
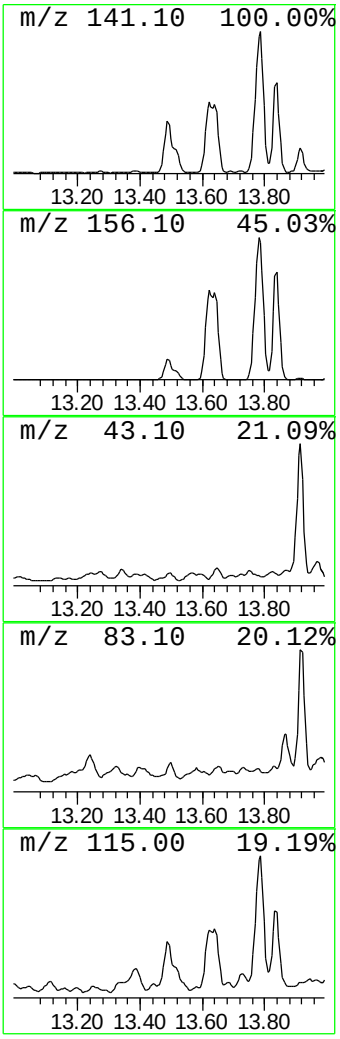
Peak Number 31 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	47.46 ng/ul	267979	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





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ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

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

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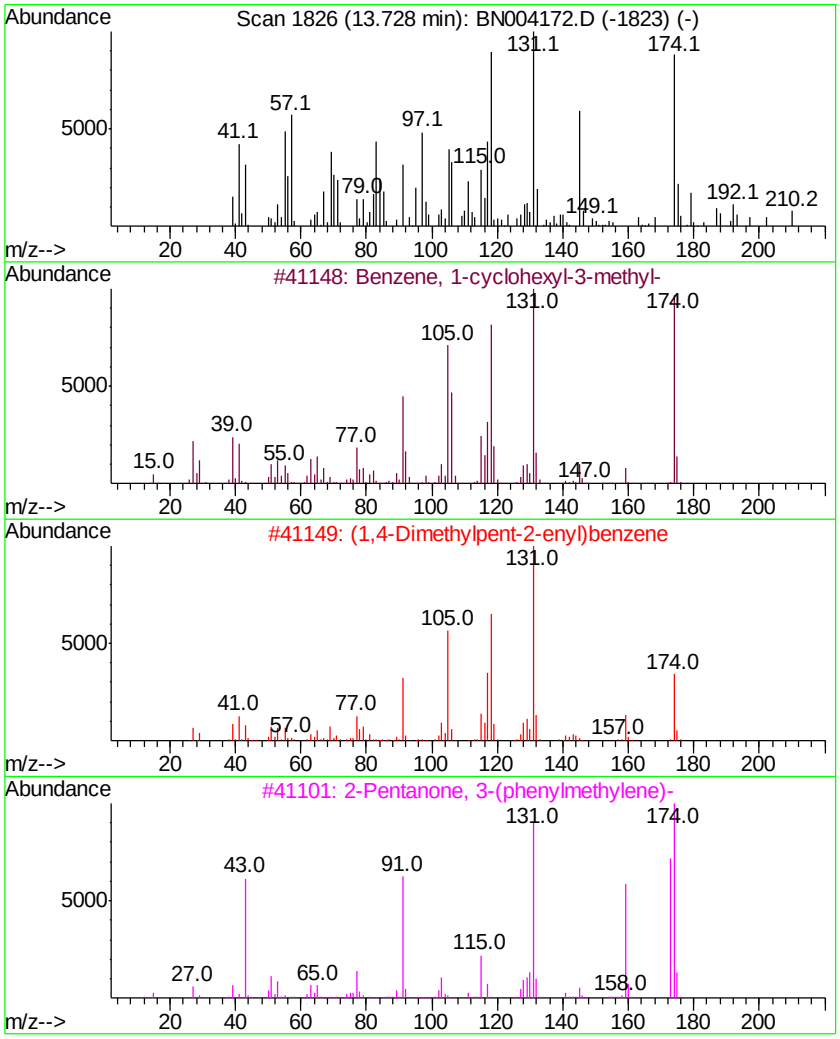
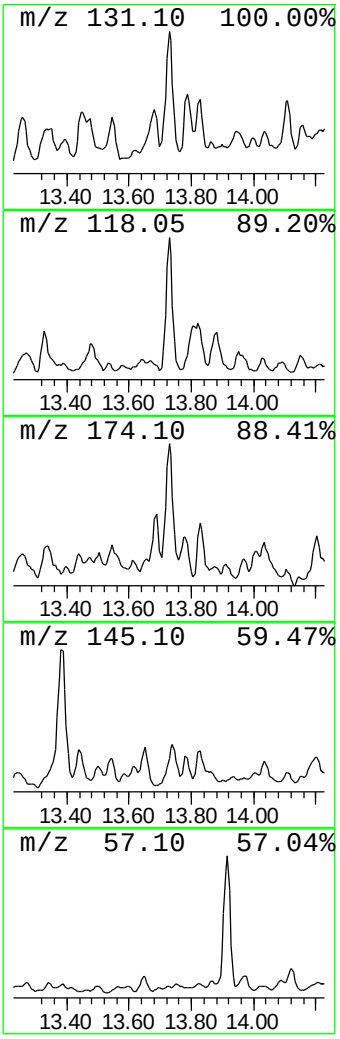
Peak Number 33 Benzene, 1-cyclohexyl-3-met... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	18.61 ng/ul	105092	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	64
2	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	60
3	2-Pentanone, 3-(phenylmethylene)-	174	C12H14O	003437-89-6	38
4	2H-1-Benzopyran-2-one 3,4-dimethyl-	174	C11H10O2	004281-39-4	38
5	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	38





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ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

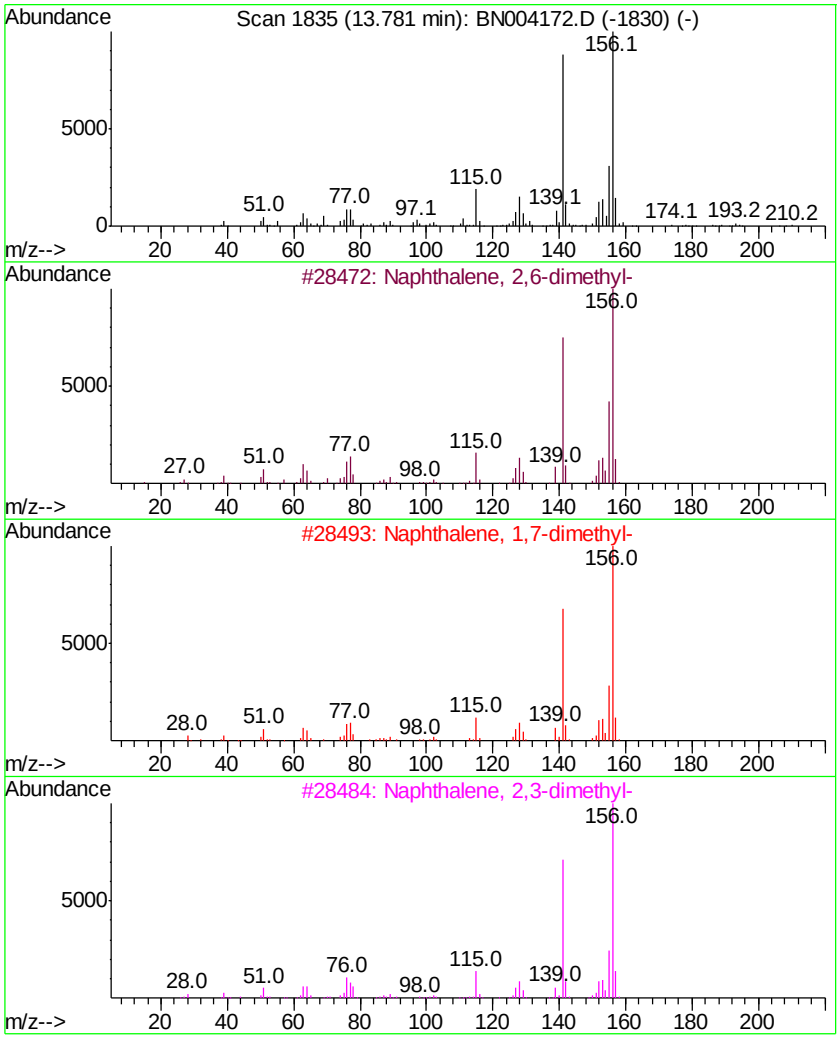
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

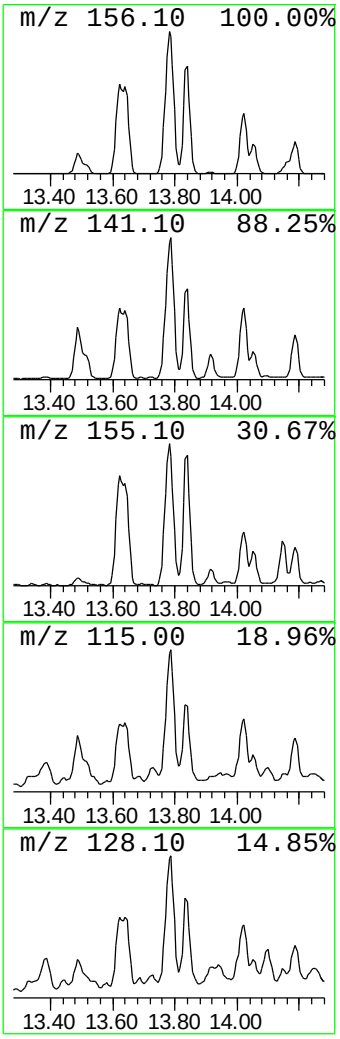
****

Peak Number 34 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	150.77 ng/ul	851377	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Quant Title : SVOA CALIBRATION

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

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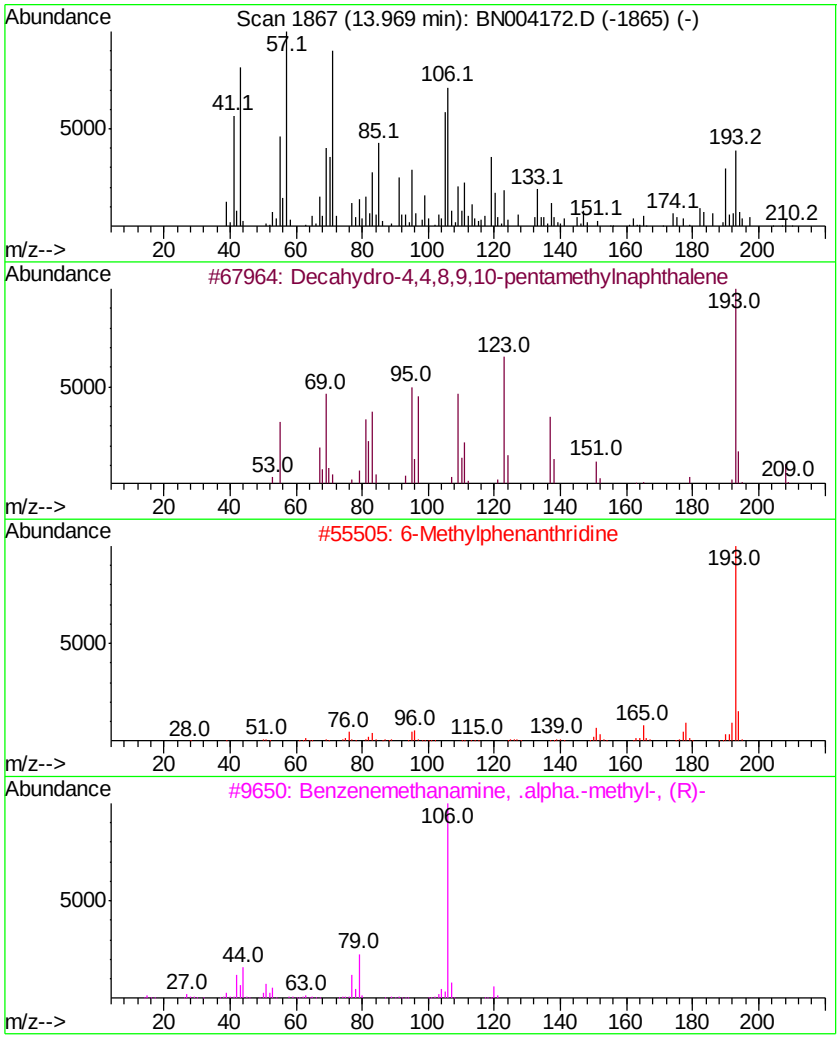
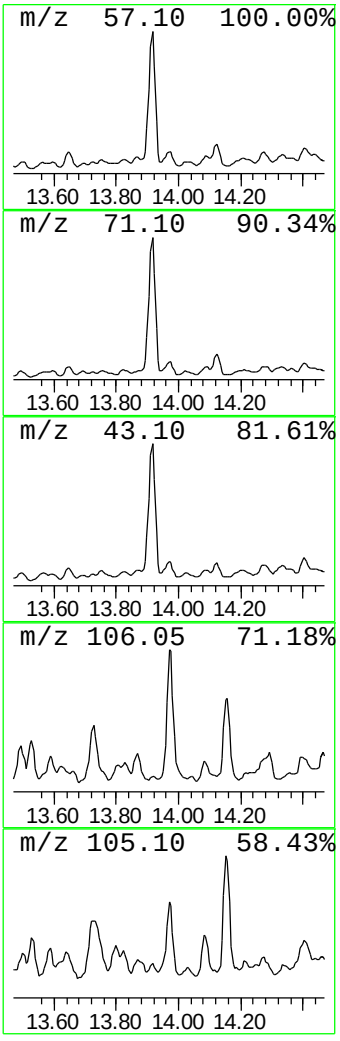
Peak Number 35 unknown-13 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	32.54 ng/ul	183725	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30
2	6-Methylphenanthridine	193	C14H11N	003955-65-5	15
3	Benzenemethanamine, .alpha.-meth...	121	C8H11N	003886-69-9	15
4	alpha.-Methylbenzylamine	121	C8H11N	000618-36-0	15
5	Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	14





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Quant Title : SVOA CALIBRATION

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

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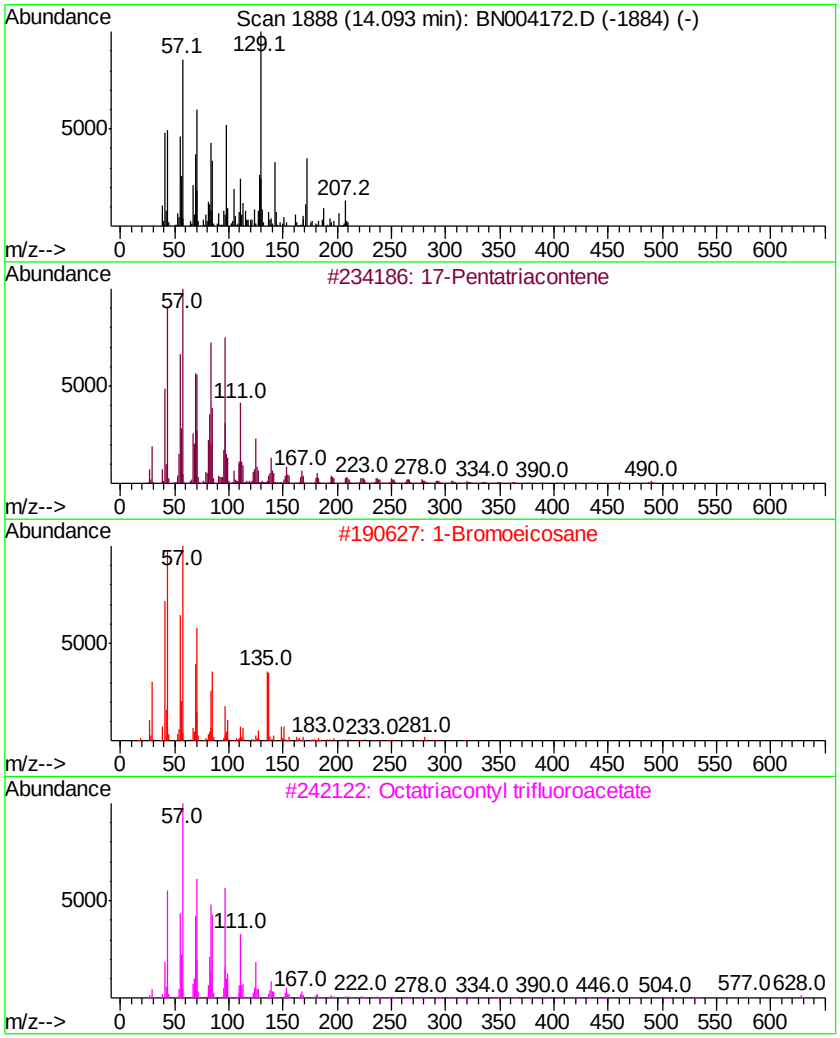
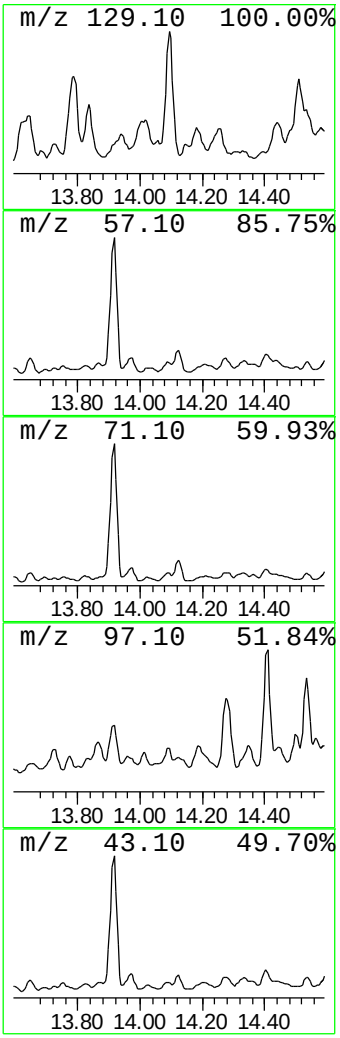
Peak Number 37 (DEL) Alkane: Cyclic14.09 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	25.48 ng/ul	143860	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	25
2	1-Bromoeicosane	360	C20H41Br	004276-49-7	25
3	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	25
4	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	22
5	Tritetracontane	605	C43H88	007098-21-7	22





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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

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

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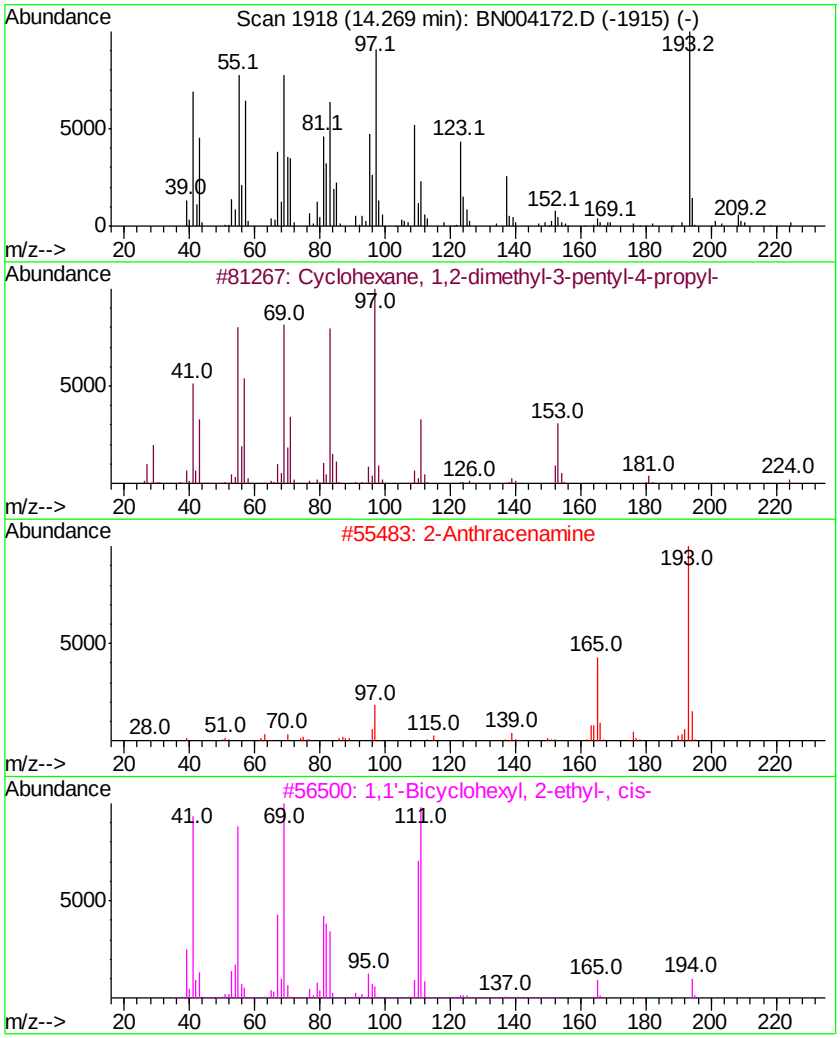
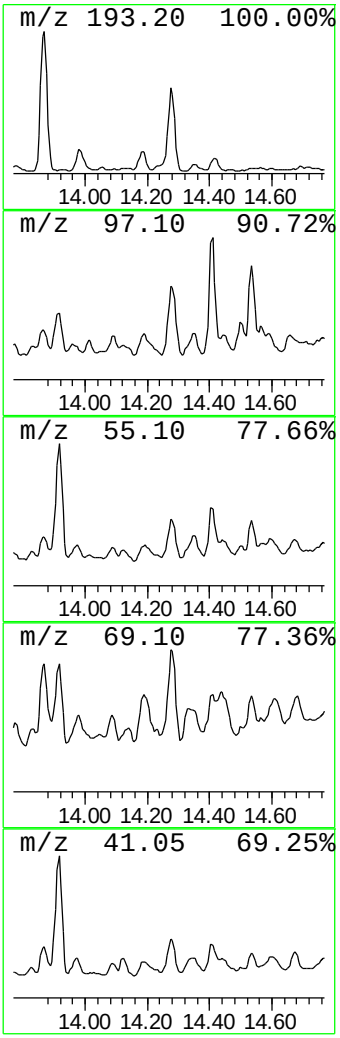
Peak Number 38 (DEL) Alkane: Cyclic14.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	116.23 ng/ul	656319	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	80
2	2-Anthracenamine	193	C14H11N	000613-13-8	41
3	1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	25
4	4-Hepten-3-one, 4-methyl-	126	C8H14O	022319-31-9	25
5	1-Cyclohexyl-1-(4-methylcyclohex...	208	C15H28	002027-12-5	22





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Quant Title : SVOA CALIBRATION

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

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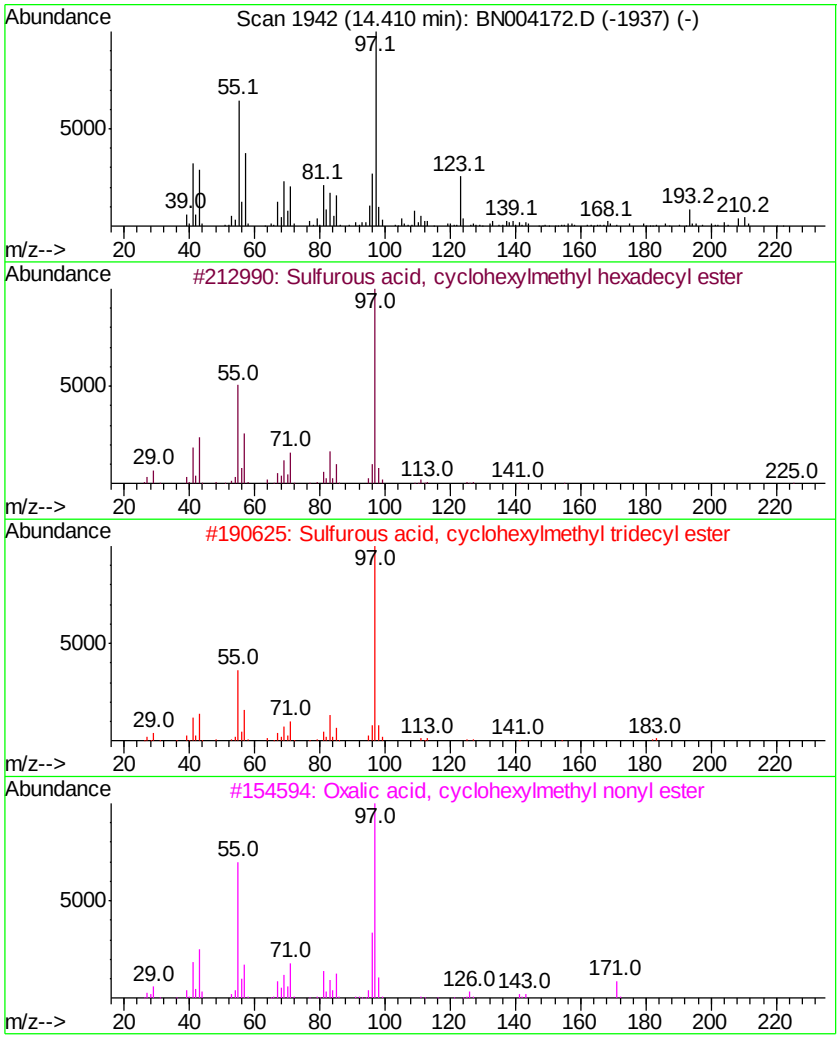
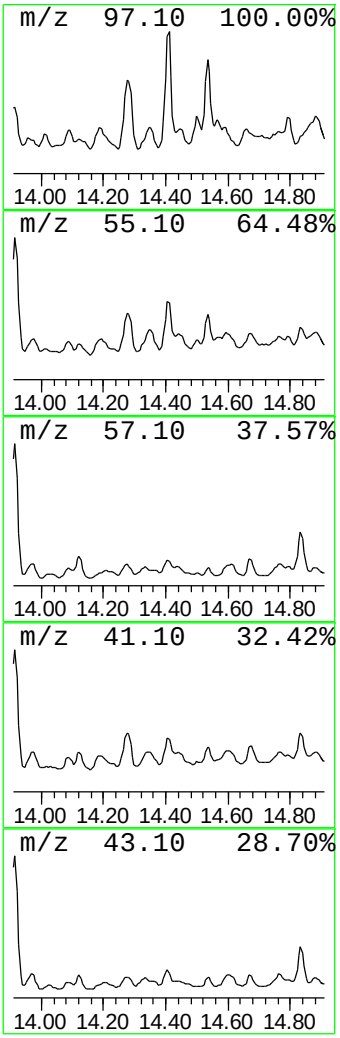
Peak Number 39 Sulfurous acid, cyclohexylm... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	82.14 ng/ul	463829	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	58
2	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	58
3	Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	58
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
5	Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	53





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Quant Title : SVOA CALIBRATION

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

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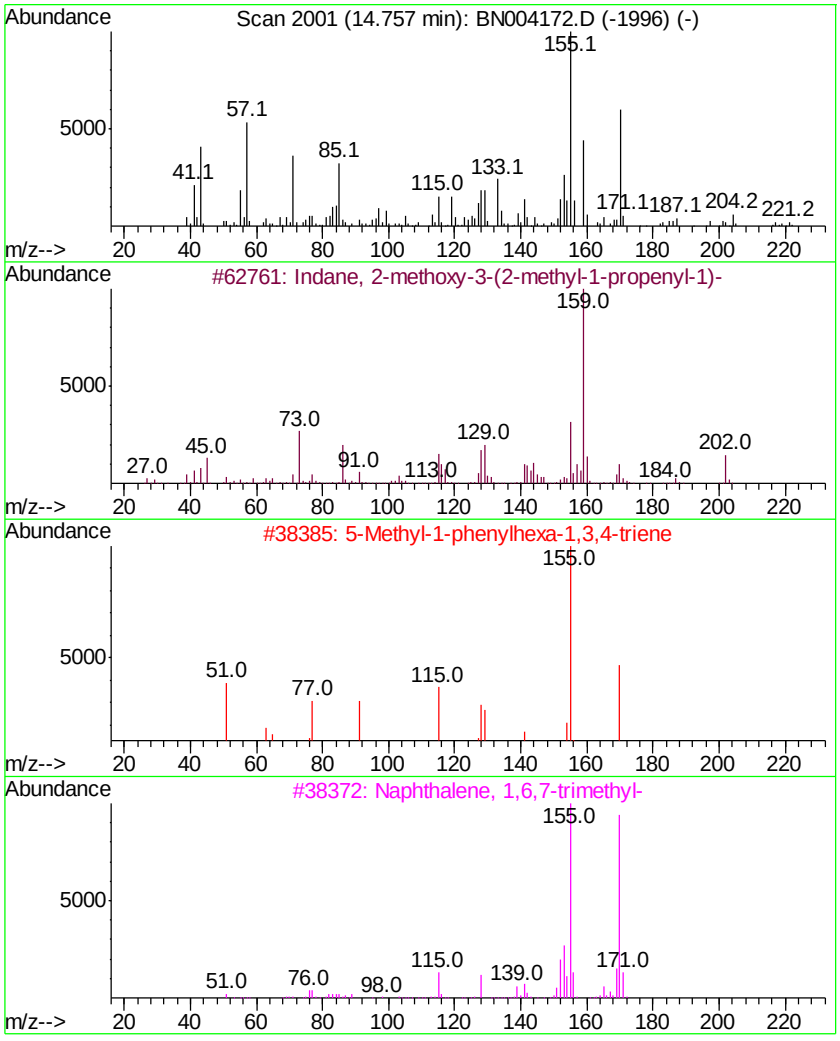
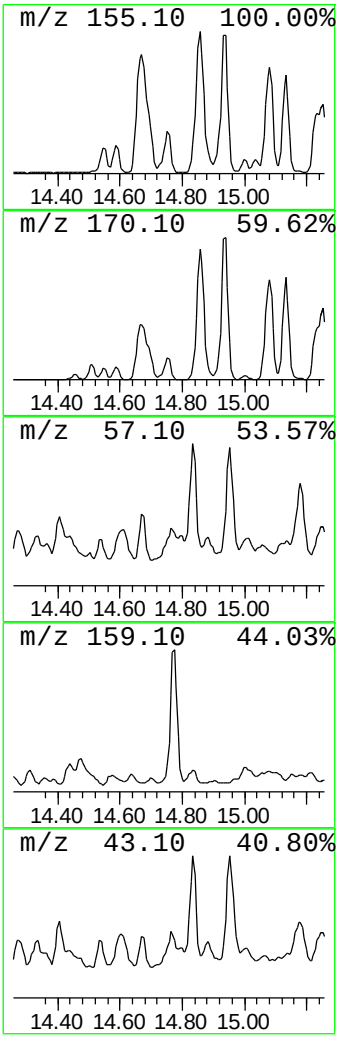
Peak Number 40 unknown-14 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	103.56 ng/ul	584764	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane, 2-methoxy-3-(2-methyl-1-...	202	C14H18O	1000196-88-7	27
2	5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	25
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	20
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	18
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	18





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Quant Title : SVOA CALIBRATION

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

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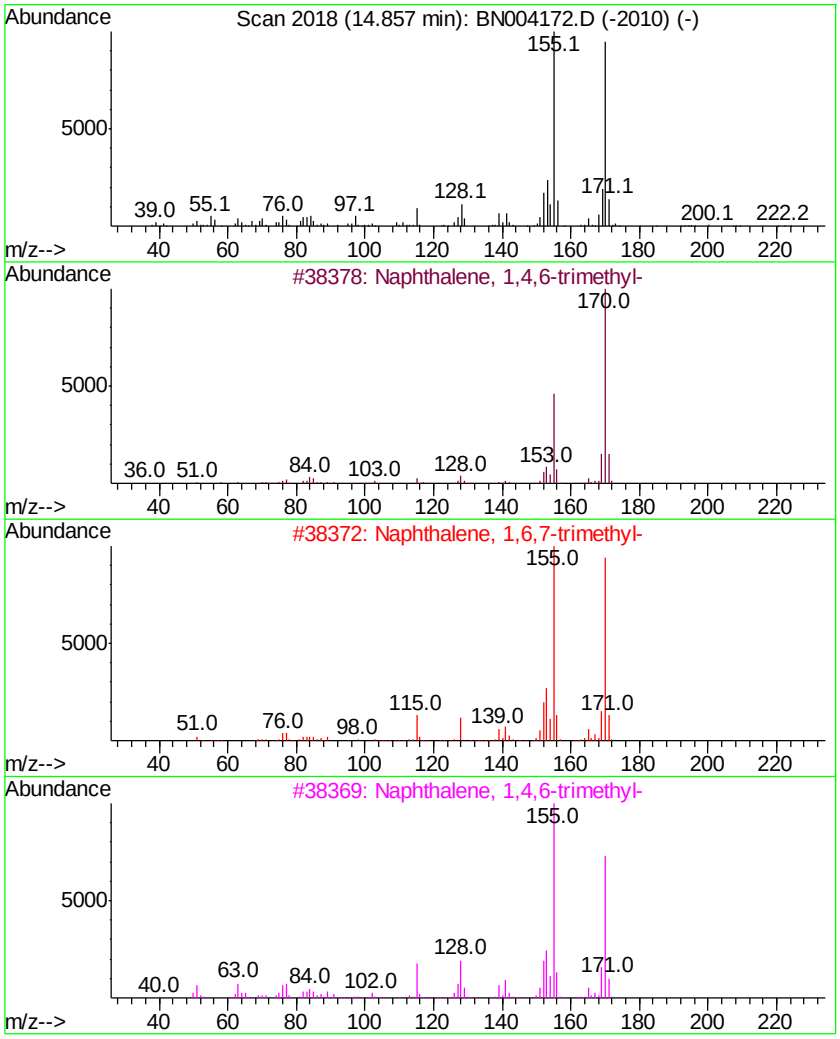
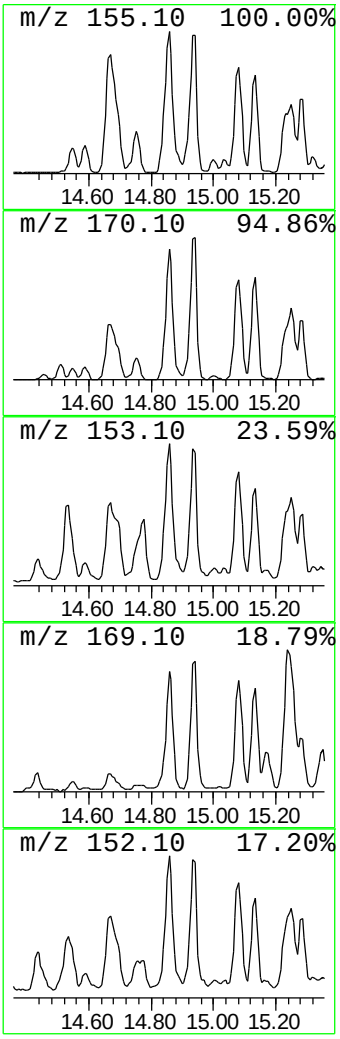
Peak Number 41 Naphthalene, 1,4,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	211.83 ng/ul	1196190	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Library Search Compound Report

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Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

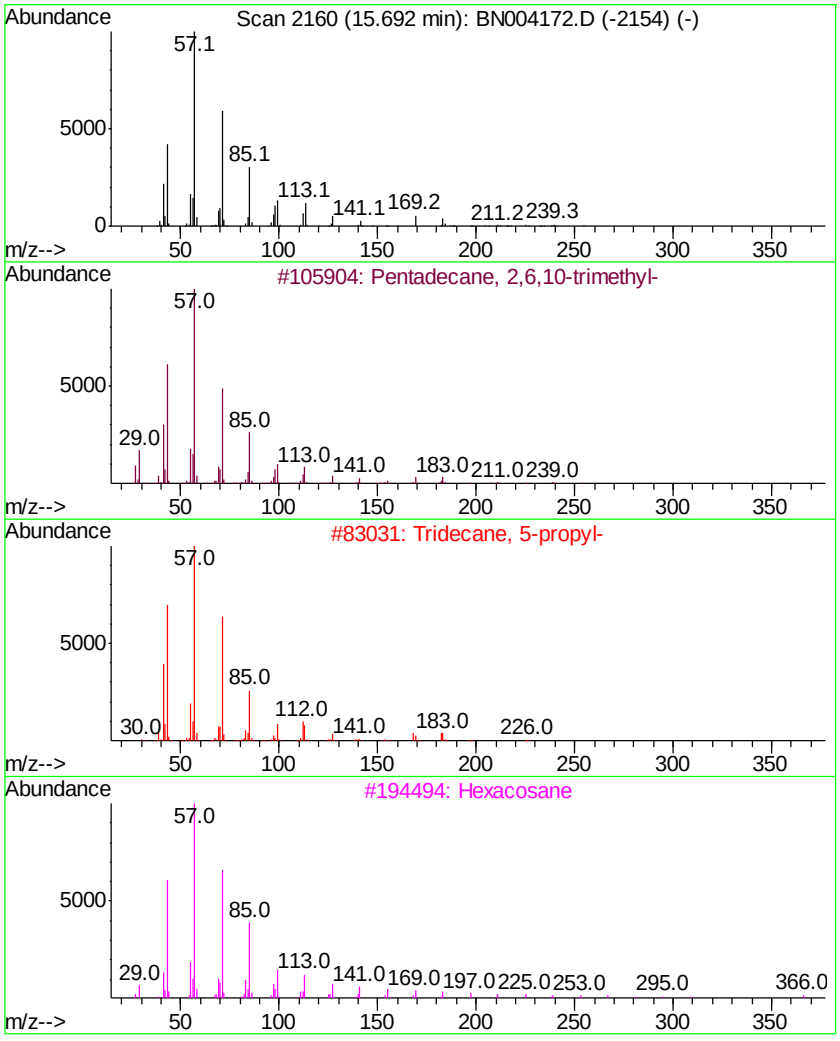
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

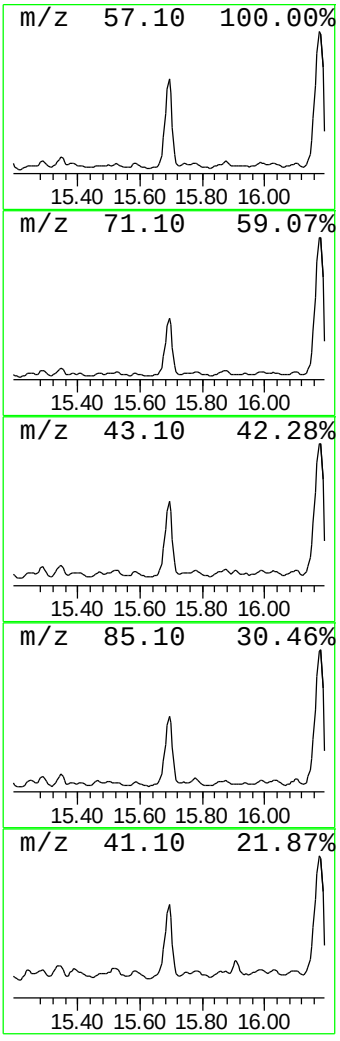
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	432.54 ng/ul	2442460	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Hexacosane	366	C26H54	000630-01-3	86
4	Heptacosane	380	C27H56	000593-49-7	80
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	70





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Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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Quant Title : SVOA CALIBRATION

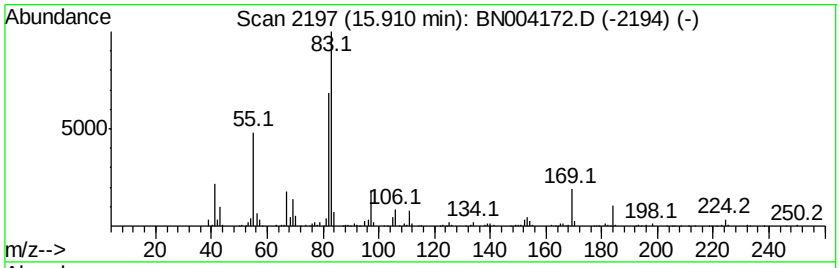
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

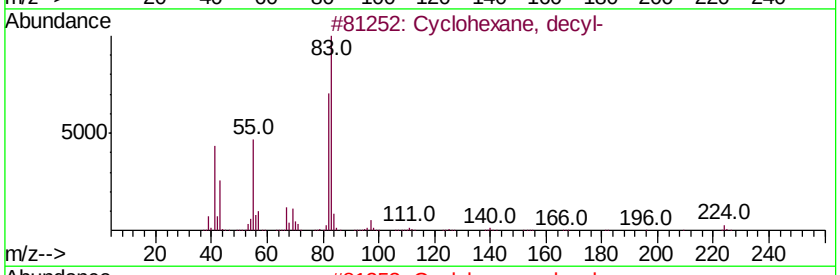
****

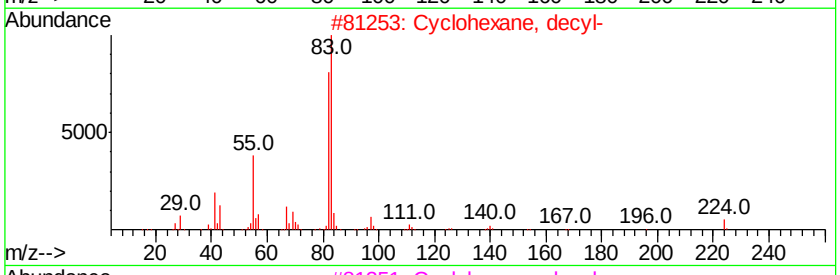
Peak Number 50 (DEL) Alkane: Cyclic15.91 Concentration Rank 31

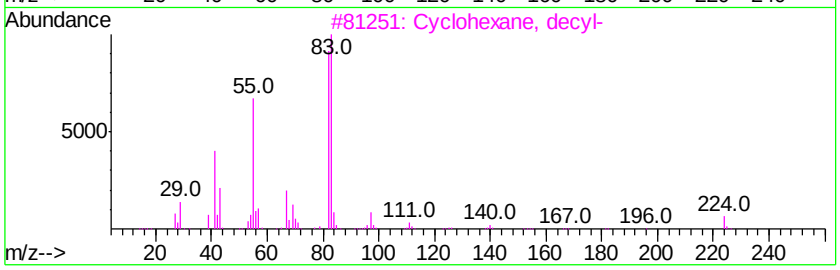
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	14.69 ng/ul	375503	Phenanthrene-d10	17.22

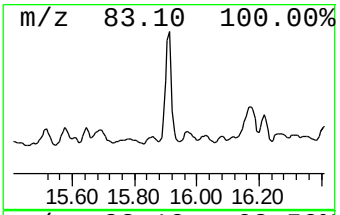
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, decyl-	224	C16H32	001795-16-0	70
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	62
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	62
4	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	62
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	58

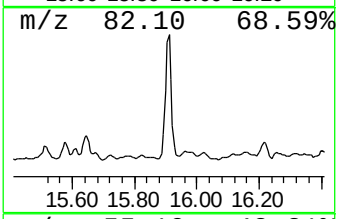


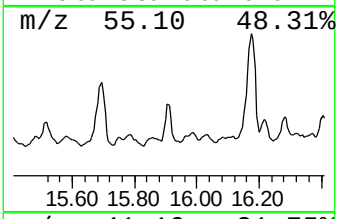


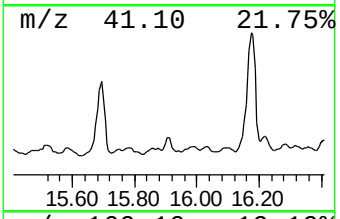


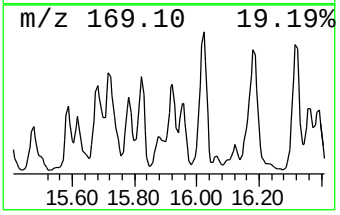












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Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

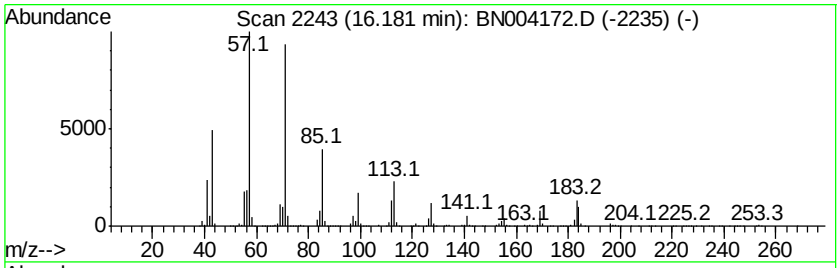
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

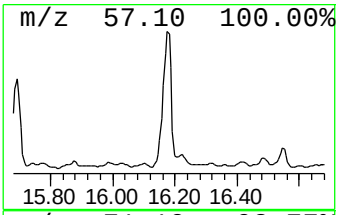
****

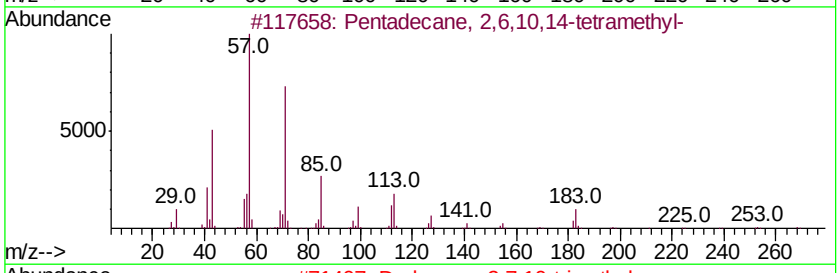
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 5

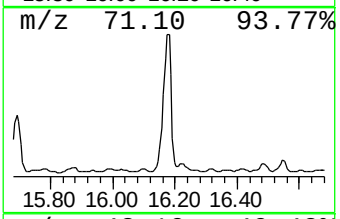
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	190.96 ng/ul	4882910	Phenanthrene-d10	17.22

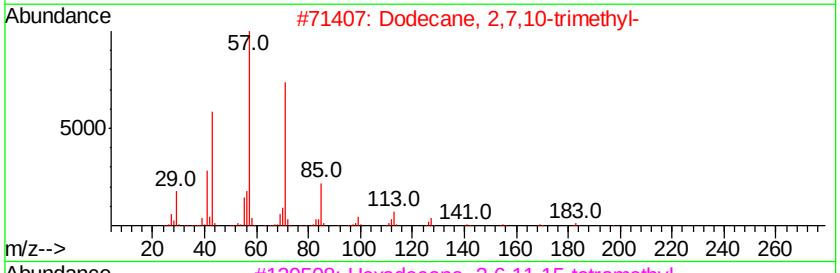
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80

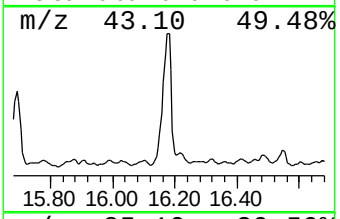


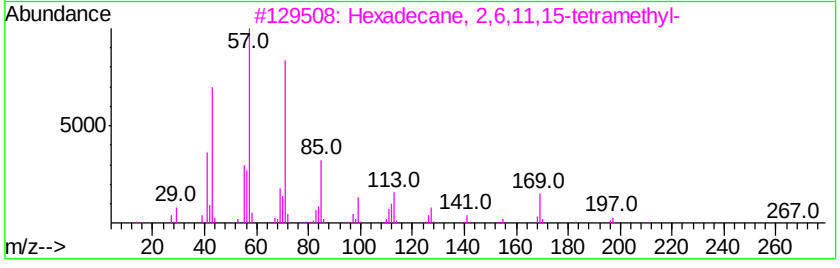


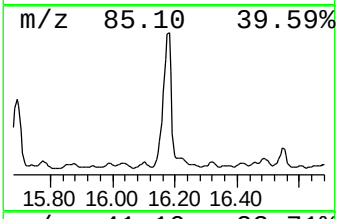


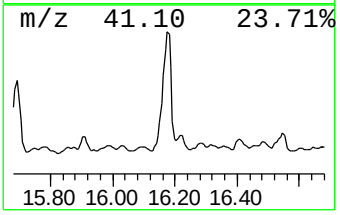












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Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

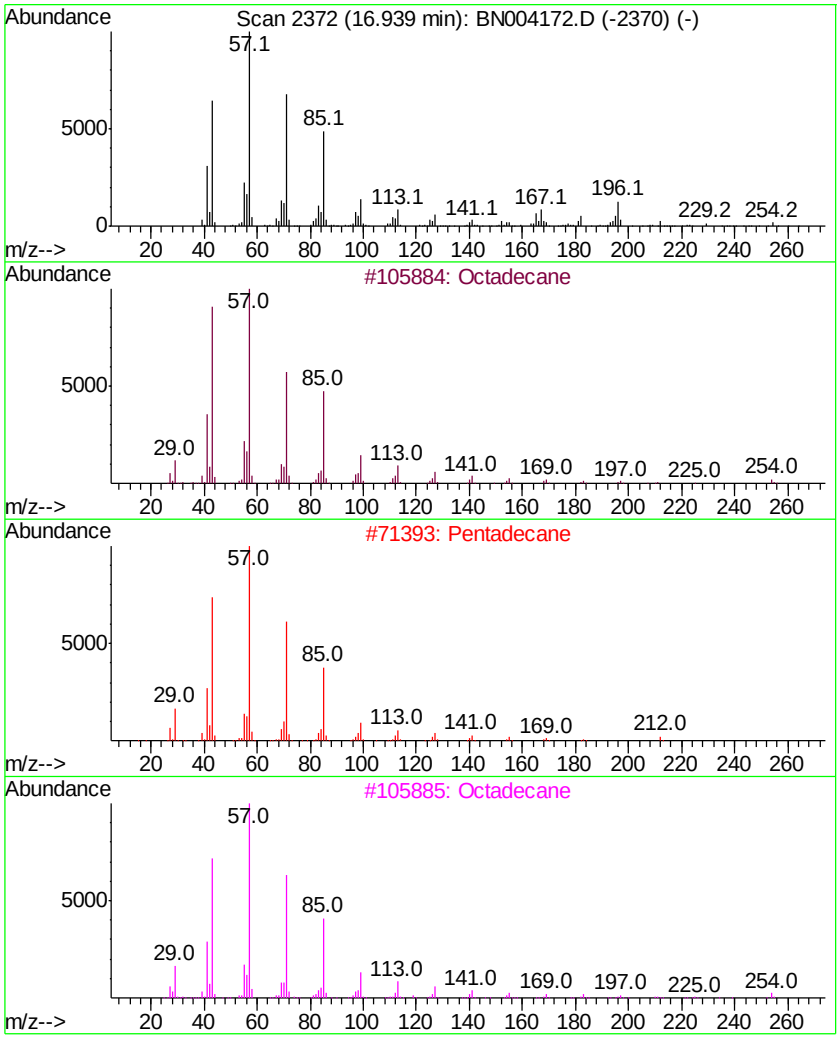
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

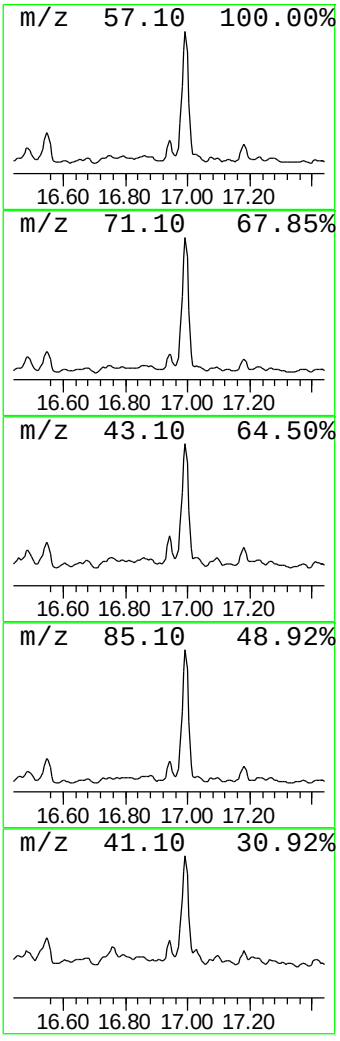
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	7.38 ng/ul	188638	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Pentadecane	212	C15H32	000629-62-9	97
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	76





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

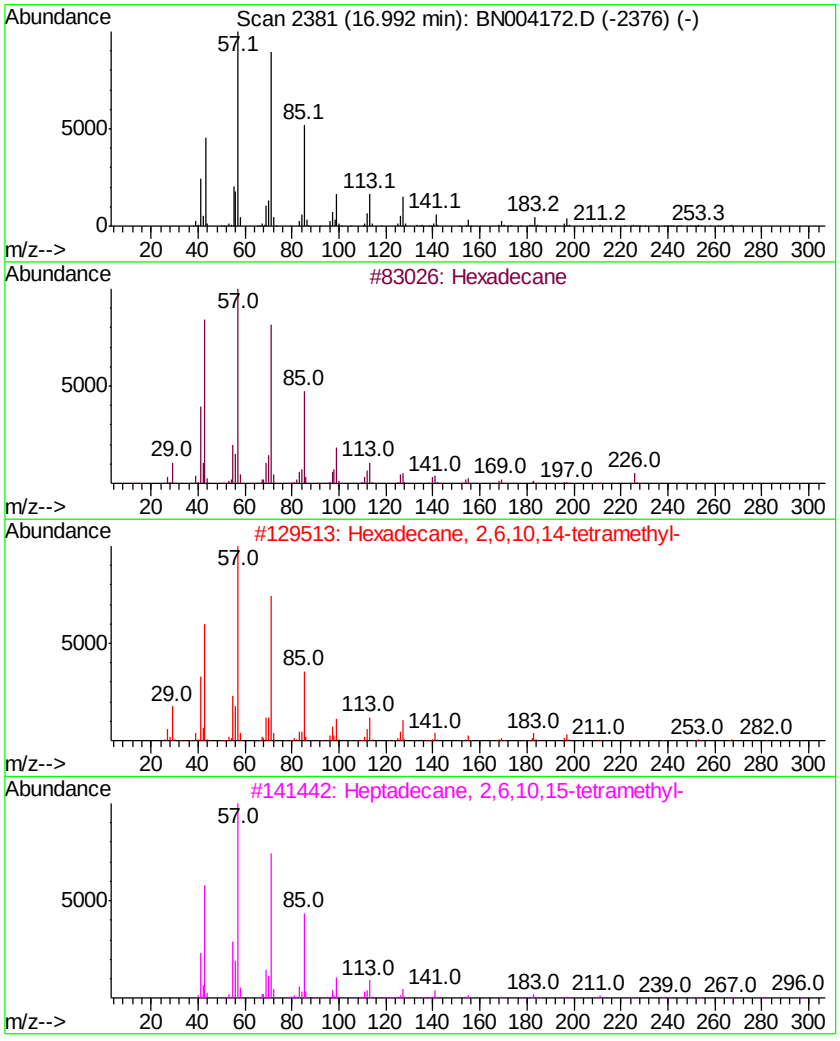
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

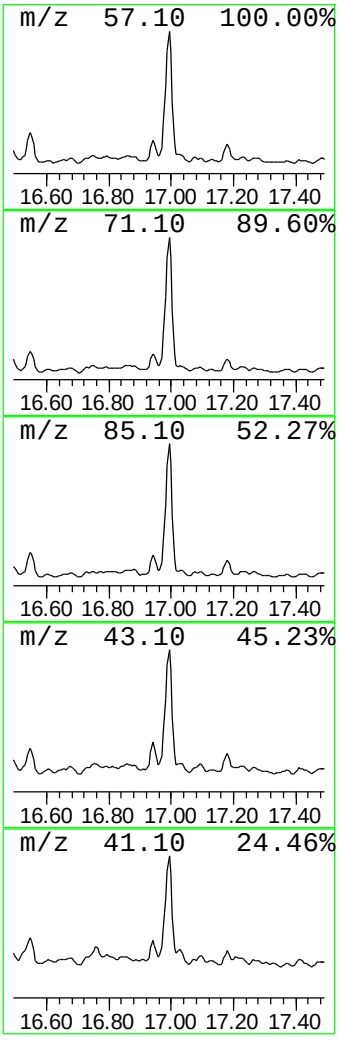
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	81.21 ng/ul	2076500	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Heptadecane	240	C17H36	000629-78-7	80





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Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

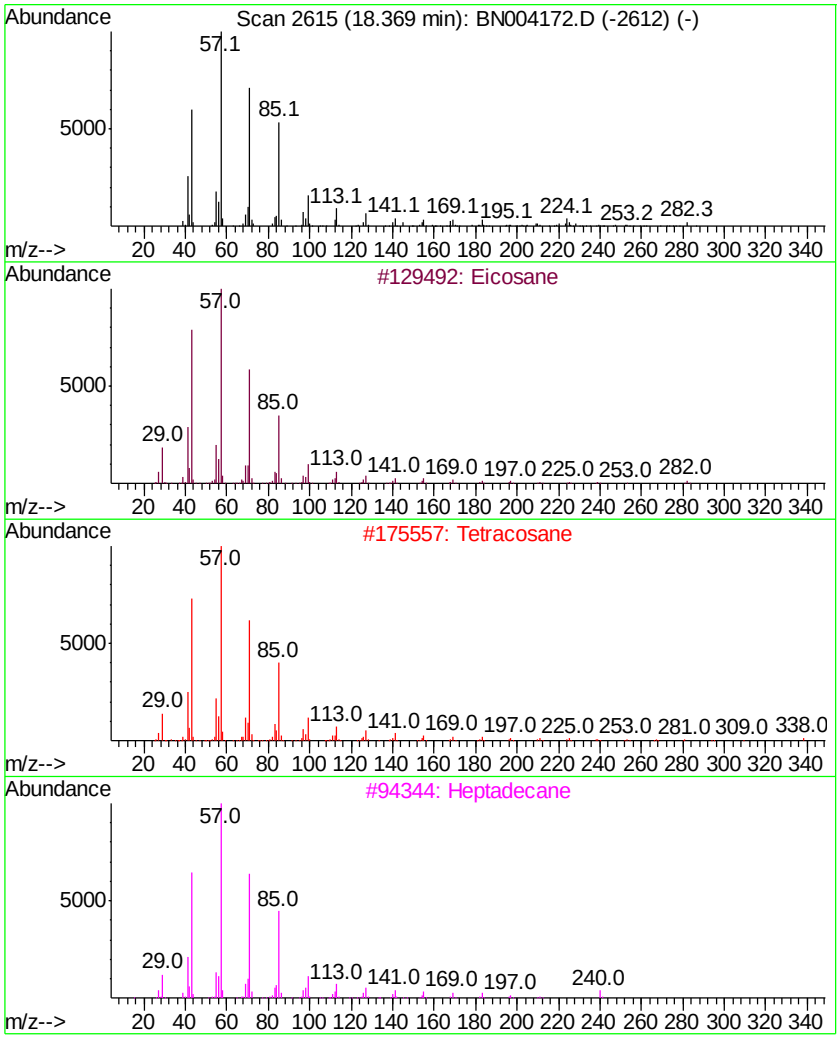
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

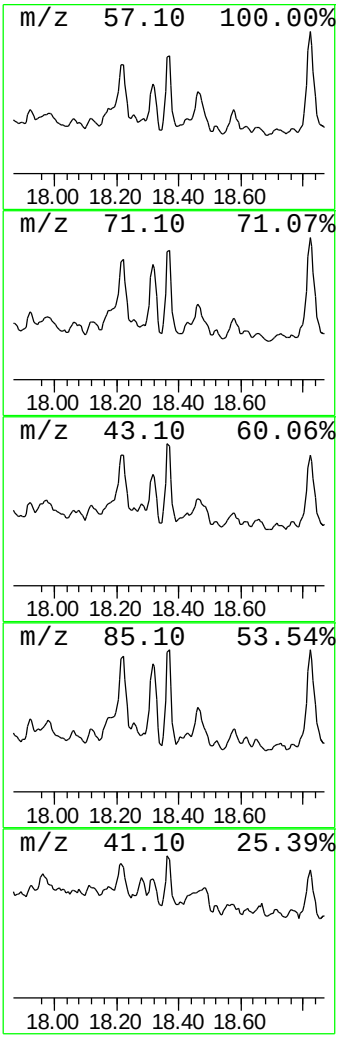
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	6.85 ng/ul	175181	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Eicosane	282	C20H42	000112-95-8	86





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Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

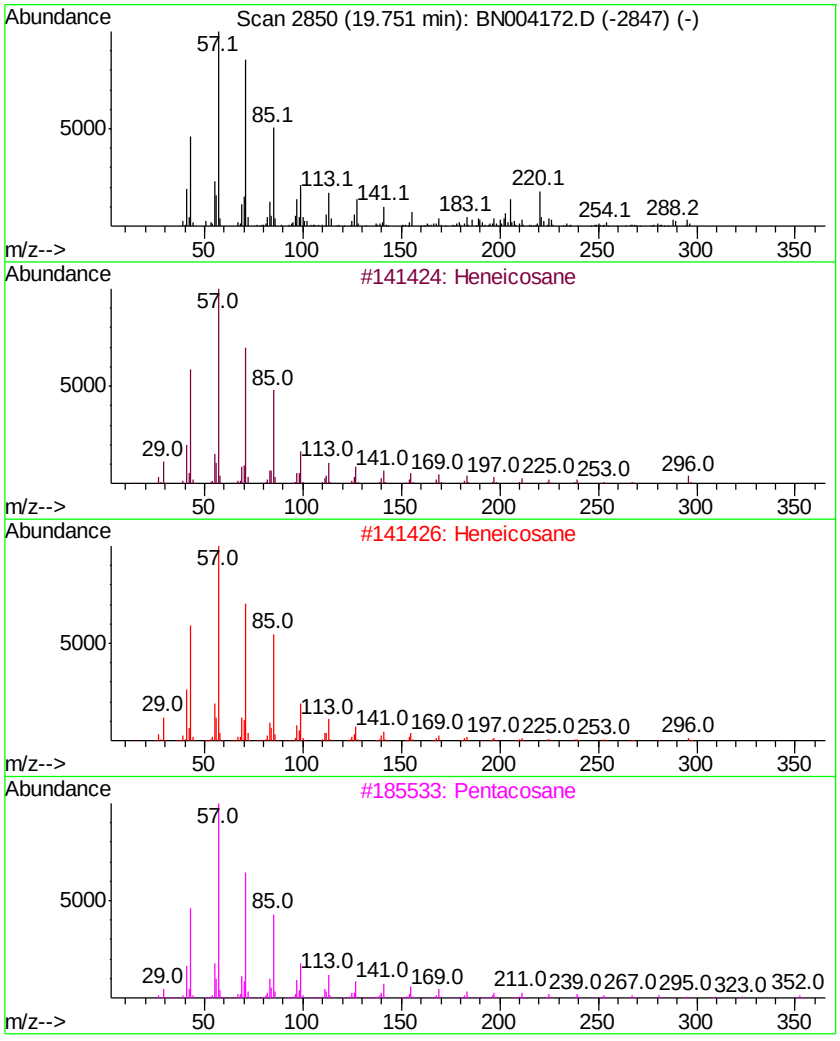
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

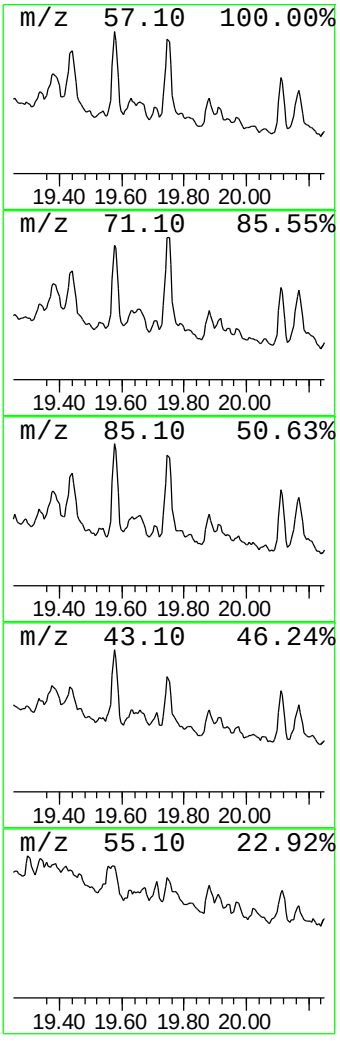
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.54 ng/ul	94238	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Heptacosane	380	C27H56	000593-49-7	83





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

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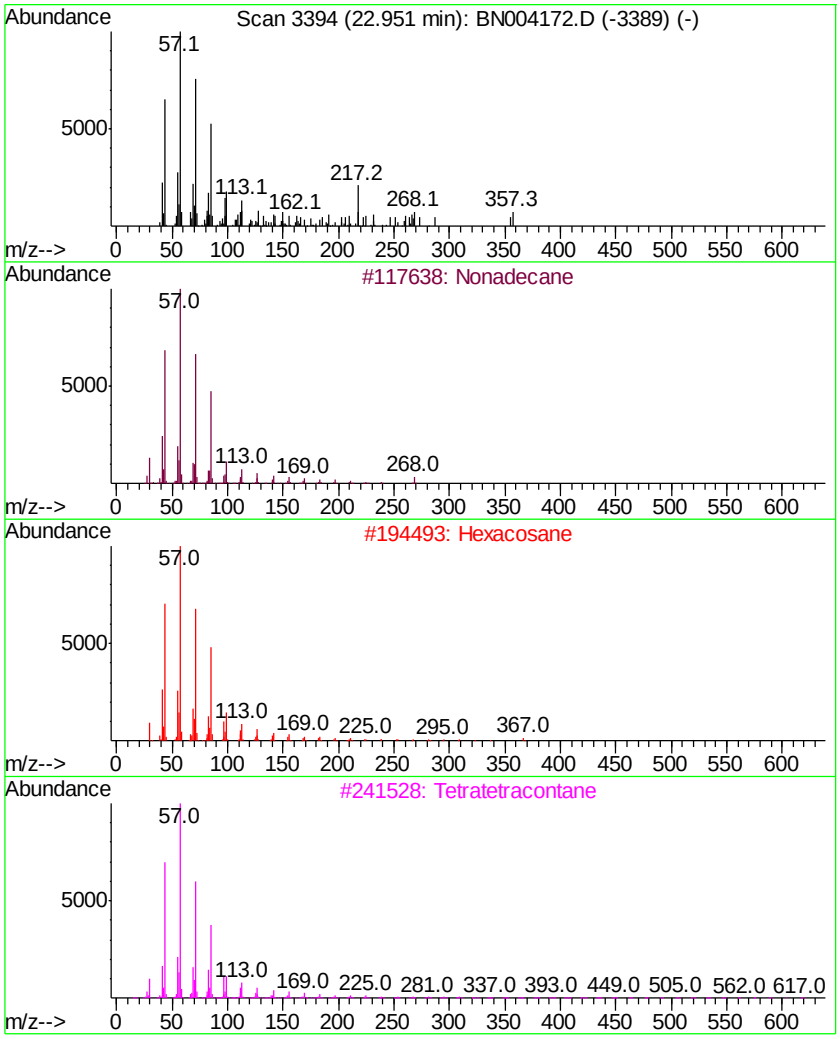
Quant Title : SVOA CALIBRATION

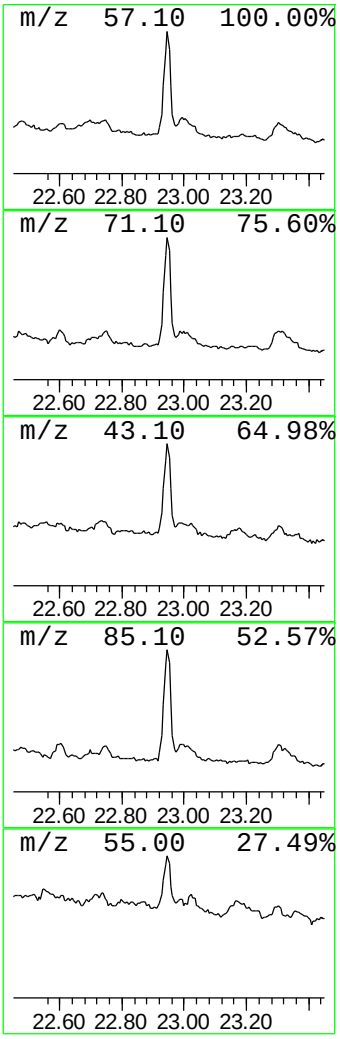
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.62 ng/ul	91253	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Hexacosane	366	C26H54	000630-01-3	64
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Eicosane	282	C20H42	000112-95-8	64





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Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

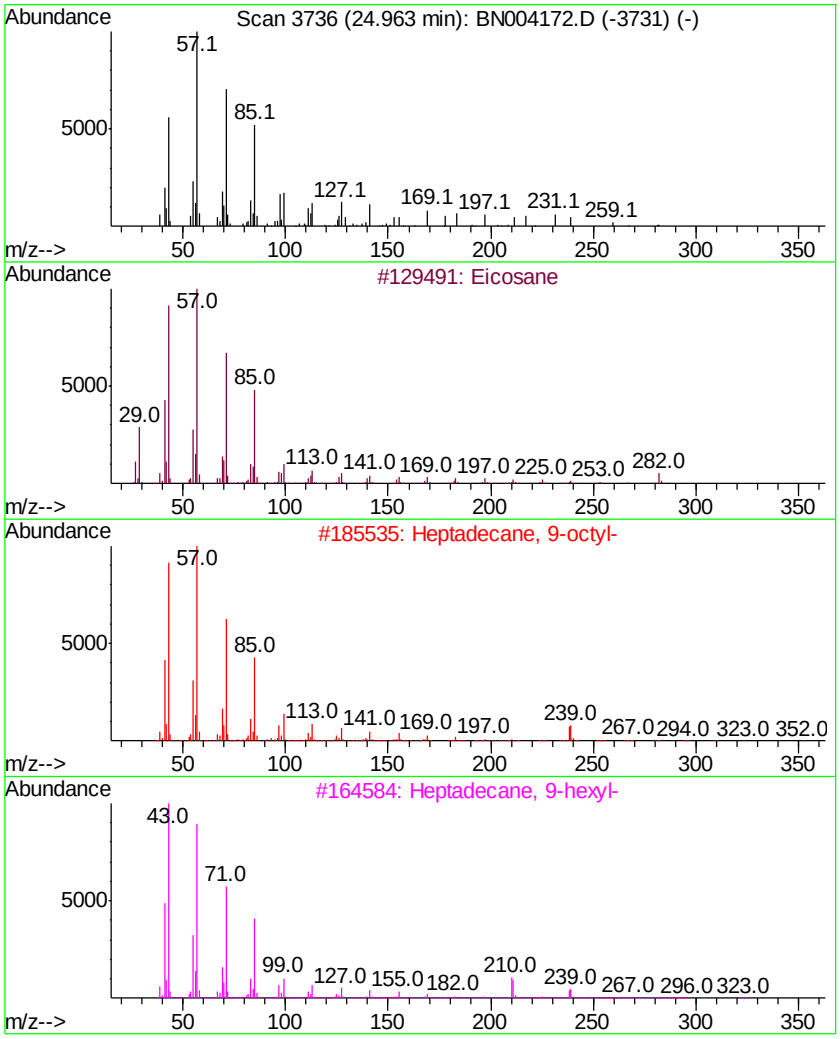
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

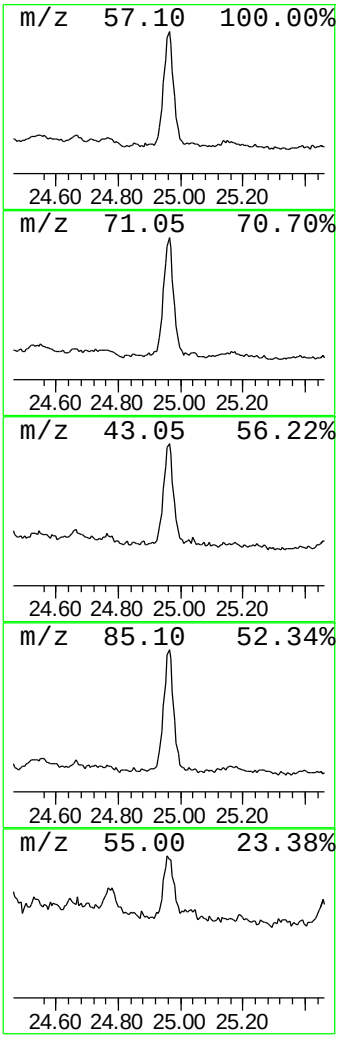
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	2.75 ng/ul	96130	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptacosane	380	C27H56	000593-49-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
Data File : BN004172.D
Acq On : 21 Dec 2018 22:13
Operator : JU/SJ
Sample : J6420-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9H34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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
Butane, 2-methoxy...	3.01	13.7	ng/ul	136814	1	7.82	199160	20.0
unknown-01	8.90	10.0	ng/ul	99597	1	7.82	199160	20.0
unknown-02	9.15	5.1	ng/ul	50440	1	7.82	199160	20.0
Naphthalene, deca...	9.52	5.5	ng/ul	79100	2	10.62	286496	20.0
cis-Decalin, 2-sy...	9.78	6.4	ng/ul	91878	2	10.62	286496	20.0
Benzene, (1-methy...	10.00	8.5	ng/ul	121204	2	10.62	286496	20.0
Benzene, 1-methyl...	10.30	5.4	ng/ul	77356	2	10.62	286496	20.0
(DEL) Alkane: Str...	10.49	4.6	ng/ul	65385	2	10.62	286496	20.0
(DEL) Alkane: Str...	10.96	4.8	ng/ul	68834	2	10.62	286496	20.0
Benzene, 1,4-diet...	11.02	3.9	ng/ul	55336	2	10.62	286496	20.0
(DEL) Alkane: Cyc...	11.08	7.4	ng/ul	106447	2	10.62	286496	20.0
unknown-03	11.22	4.2	ng/ul	60530	2	10.62	286496	20.0
(DEL) Alkane: Cyc...	11.29	12.6	ng/ul	181014	2	10.62	286496	20.0
unknown-04	11.42	5.0	ng/ul	71124	2	10.62	286496	20.0
1H-Indene, 2,3-di...	11.52	14.4	ng/ul	206510	2	10.62	286496	20.0
Sulfurous acid, 2...	11.60	53.7	ng/ul	768948	2	10.62	286496	20.0
unknown-05	11.65	13.1	ng/ul	186942	2	10.62	286496	20.0
unknown-06	11.69	15.4	ng/ul	221355	2	10.62	286496	20.0
Naphthalene, 1,2,...	11.80	7.4	ng/ul	105632	2	10.62	286496	20.0
(DEL) Alkane: Cyc...	11.86	5.8	ng/ul	82405	2	10.62	286496	20.0
unknown-07	11.99	8.8	ng/ul	125818	2	10.62	286496	20.0
unknown-08	12.20	7.6	ng/ul	108338	2	10.62	286496	20.0
unknown-09	12.41	6.9	ng/ul	98892	2	10.62	286496	20.0
unknown-10	12.65	26.5	ng/ul	149703	3	14.46	112937	20.0
(DEL) Alkane: Cyc...	12.71	66.7	ng/ul	376571	3	14.46	112937	20.0
unknown-11	12.80	13.7	ng/ul	77215	3	14.46	112937	20.0
(DEL) Alkane: Str...	12.96	199.6	ng/ul	1126970	3	14.46	112937	20.0
unknown-12	13.33	29.1	ng/ul	164227	3	14.46	112937	20.0
1H-Indene, 2,3-di...	13.39	26.1	ng/ul	147109	3	14.46	112937	20.0
Naphthalene, 1-et...	13.49	47.5	ng/ul	267979	3	14.46	112937	20.0
Benzene, 1-cycloh...	13.73	18.6	ng/ul	105092	3	14.46	112937	20.0
Naphthalene, 2,6-...	13.78	150.8	ng/ul	851377	3	14.46	112937	20.0
unknown-13	13.97	32.5	ng/ul	183725	3	14.46	112937	20.0
(DEL) Alkane: Cyc...	14.09	25.5	ng/ul	143860	3	14.46	112937	20.0
(DEL) Alkane: Cyc...	14.27	116.2	ng/ul	656319	3	14.46	112937	20.0
Sulfurous acid, c...	14.41	82.1	ng/ul	463829	3	14.46	112937	20.0
unknown-14	14.76	103.6	ng/ul	584764	3	14.46	112937	20.0
Naphthalene, 1,4,...	14.86	211.8	ng/ul	1196190	3	14.46	112937	20.0
(DEL) Alkane: Str...	15.69	432.5	ng/ul	2442460	3	14.46	112937	20.0
(DEL) Alkane: Cyc...	15.91	14.7	ng/ul	375503	4	17.22	511405	20.0
(DEL) Alkane: Str...	16.18	191.0	ng/ul	4882910	4	17.22	511405	20.0
(DEL) Alkane: Str...	16.94	7.4	ng/ul	188638	4	17.22	511405	20.0
(DEL) Alkane: Str...	16.99	81.2	ng/ul	2076500	4	17.22	511405	20.0
(DEL) Alkane: Str...	18.37	6.8	ng/ul	175181	4	17.22	511405	20.0
(DEL) Alkane: Str...	19.75	2.5	ng/ul	94238	5	21.40	743130	20.0
(DEL) Alkane: Str...	22.95	2.6	ng/ul	91253	6	23.72	697864	20.0
(DEL) Alkane: Str...	24.96	2.8	ng/ul	96130	6	23.72	697864	20.0