LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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	3.081	11	16	25	rBV4	45376	104029	7.03%	0.433%
2	3.528	88	92	104	rVB2	84682	158661	10.72%	0.660%
3	3.905	151	156	166	rVB3	47634	95567	6.45%	0.398%
4	4.017	166	175	188	rBV	691859	1230602	83.11%	5.120%
5	4.181	196	203	207	rBV3	33323	65881	4.45%	0.274%
6	4.311	216	225	227	rBV2	97120	153572	10.37%	0.639%
7	4.340	227	230	238	rVV	119870	184551	12.46%	0.768%
8	5.022	339	346	360	rVB6	48168	146632	9.90%	0.610%
9	5.328	391	398	404	rBV	799475	1190570	80.41%	4.953%
10	5.458	413	420	422	rBV	977882	1480626	100.00%	6.160%
11	5.681	451	458	467	rBV4	32780	74792	5.05%	0.311%
12	5.828	475	483	491	rVV2	431236	815281	55.06%	3.392%
13	6.299	553	563	568	rBV3	62003	122806	8.29%	0.511%
14	6.434	581	586	597	rVB4	36974	94856	6.41%	0.395%
15	6.787	640	646	651	rBV2	105269	162872	11.00%	0.678%
16	6.893	659	664	669	rBV	287320	436138	29.46%	1.815%
17	6.958	669	675	680	rVV	224409	354982	23.98%	1.477%
18	7.028	681	687	693	rVB	220255	347431	23.47%	1.446%
19	7.199	711	716	723	rVV	212788	352397	23.80%	1.466%
20	7.281	725	730	738	rVV2	34433	68861	4.65%	0.286%
21	7.411	747	752	755	rVV	130409	191526	12.94%	0.797%
22	7.458	755	760	773	rVB	715761	1108430	74.86%	4.612%
23	7.758	805	811	816	rVB4	39714	68535	4.63%	0.285%
24	7.822	816	822	829	rBV2	124638	230095	15.54%	0.957%
25	7.922	834	839	846	rVV	296074	451732	30.51%	1.879%
26	8.093	861	868	877	rVB5	46360	104926	7.09%	0.437%
27	8.187	877	884	897	rBV	317088	533823	36.05%	2.221%
28	8.293	897	902	907	rBV5	43398	82232	5.55%	0.342%
29	8.352	907	912	920	rVB	140957	234548	15.84%	0.976%
30	8.440	920	927	938	rBV3	142684	323698	21.86%	1.347%
31	8.528	938	942	950	rVB4	28471	62791	4.24%	0.261%
32	8.752	976	980	985	rBV	52148	75027	5.07%	0.312%
33	8.805	985	989	996	rBV	53374	87574	5.91%	0.364%
34	8.905	996	1006	1015	rVB2	121573	261939	17.69%	1.090%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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	8.993	1015	1021	1032	rBV3	193090	452784	30.58%	1.884%
36	9.240	1057	1063	1069	rBV	54716	91920	6.21%	0.382%
37	9.428	1090	1095	1100	rBV	49606	75109	5.07%	0.312%
38	9.487	1100	1105	1116	rVB	83639	146678	9.91%	0.610%
39	9.581	1116	1121	1127	rBV3	41758	67883	4.58%	0.282%
40	9.710	1132	1143	1150	rBV5	36255	98836	6.68%	0.411%
41	9.852	1161	1167	1180	rVB	88276	174296	11.77%	0.725%
42	10.005	1181	1193	1206	rBV3	250886	500217	33.78%	2.081%
43	10.110	1206	1211	1216	rBV4	32700	70112	4.74%	0.292%
44	10.246	1228	1234	1240	rVB	61970	100837	6.81%	0.420%
45	10.446	1262	1268	1272	rBV6	40632	91571	6.18%	0.381%
46	10.552	1281	1286	1289	rBV	68441	93744	6.33%	0.390%
47	10.616	1292	1297	1301	rVV	177275	289342	19.54%	1.204%
48	10.669	1301	1306	1311	rVV	476942	764625	51.64%	3.181%
49	11.052	1364	1371	1379	rVB	58588	144677	9.77%	0.602%
50	11.604	1459	1465	1468	rBV3	27411	61399	4.15%	0.255%
51	11.704	1474	1482	1493	rVB5	38504	129754	8.76%	0.540%
52	11.810	1493	1500	1510	rBV2	68779	140492	9.49%	0.585%
53	12.016	1528	1535	1542	rBV4	74524	195555	13.21%	0.814%
54	12.175	1552	1562	1565	rBV9	36829	100162	6.76%	0.417%
55	12.216	1566	1569	1573	rVV5	30894	66541	4.49%	0.277%
56	12.275	1574	1579	1584	rVV	217405	345506	23.34%	1.437%
57	12.499	1608	1617	1623	rVB2	198519	335963	22.69%	1.398%
58	12.569	1623	1629	1637	rBV8	49128	136073	9.19%	0.566%
59	12.799	1661	1668	1674	rVV5	42052	95794	6.47%	0.399%
60	12.863	1674	1679	1685	rVV4	78121	165116	11.15%	0.687%
61	12.922	1685	1689	1692	rVV	42283	74738	5.05%	0.311%
62	12.957	1692	1695	1706	rVB9	51190	121820	8.23%	0.507%
63	13.251	1738	1745	1755	rBV3	65182	190299	12.85%	0.792%
64	13.487	1780	1785	1787	rBV	42111	63813	4.31%	0.265%
65	13.616	1799	1807	1809	rBV3	68951	139331	9.41%	0.580%
66	13.693	1815	1820	1829	rBV8	43861	88973	6.01%	0.370%
67	13.775	1829	1834	1838	rVV	81593	141590	9.56%	0.589%
68	13.828	1838	1843	1846	rVV2	88686	154161	10.41%	0.641%
69	13.863	1846	1849	1853	rVV	74667	96459	6.51%	0.401%
70	13.910	1853	1857	1860	rVB2	54750	69853	4.72%	0.291%
71	13.957	1860	1865	1870	rVB3	65165	114269	7.72%	0.475%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

72	14.104	1885	1890	1894	rBV2	74427	112012	7.57%	0.466%
73	14.157	1894	1899	1911	rVB	110472	233917	15.80%	0.973%
74	14.275	1911	1919	1924	rBV9	33562	85456	5.77%	0.356%
75	14.457	1944	1950	1958	rBV2	307351	522943	35.32%	2.176%
76	14.651	1975	1983	1991	rBV9	34166	96902	6.54%	0.403%
77	14.845	2014	2016	2024	rVB5	33735	59389	4.01%	0.247%
78	14.934	2026	2031	2034	rBV3	36513	61009	4.12%	0.254%
79	15.275	2086	2089	2094	rVB	50104	63043	4.26%	0.262%
80	15.451	2114	2119	2124	rVV	121362	158103	10.68%	0.658%
81	16.140	2231	2236	2243	rBV2	36425	88415	5.97%	0.368%
82	17.210	2412	2418	2422	rBV2	355559	538329	36.36%	2.240%
83	17.245	2422	2424	2429	rVV	59953	83874	5.66%	0.349%
84	17.304	2429	2434	2440	rVB	152417	216569	14.63%	0.901%
85	18.075	2561	2565	2570	rBV	150454	220034	14.86%	0.915%
86	18.128	2571	2574	2581	rVB	59792	84057	5.68%	0.350%
87	19.604	2820	2825	2838	rVB	182604	254756	17.21%	1.060%
88	21.075	3072	3075	3085	rVB	65809	116120	7.84%	0.483%
89	21.398	3124	3130	3135	rBV	588580	780182	52.69%	3.246%
90	21.504	3145	3148	3152	rVB2	46721	59809	4.04%	0.249%
91	21.951	3219	3224	3229	rVB2	72321	93690	6.33%	0.390%
92	22.422	3299	3304	3312	rBV	105238	147474	9.96%	0.614%
93	22.551	3322	3326	3332	rVB	96825	137994	9.32%	0.574%
94	22.939	3387	3392	3399	rBV	147432	224311	15.15%	0.933%
95	23.521	3484	3491	3495	rBV	125402	255026	17.22%	1.061%
96	23.574	3495	3500	3508	rVB	141361	260439	17.59%	1.084%
97	23.721	3517	3525	3535	rVB	456003	885698	59.82%	3.685%
98	24.186	3598	3604	3612	rBV	116217	238297	16.09%	0.991%
99	24.951	3727	3734	3742	rBV	78793	179983	12.16%	0.749%
100	25.839	3879	3885	3900	rVB2	48648	129221	8.73%	0.538%

Sum of corrected areas: 24035327

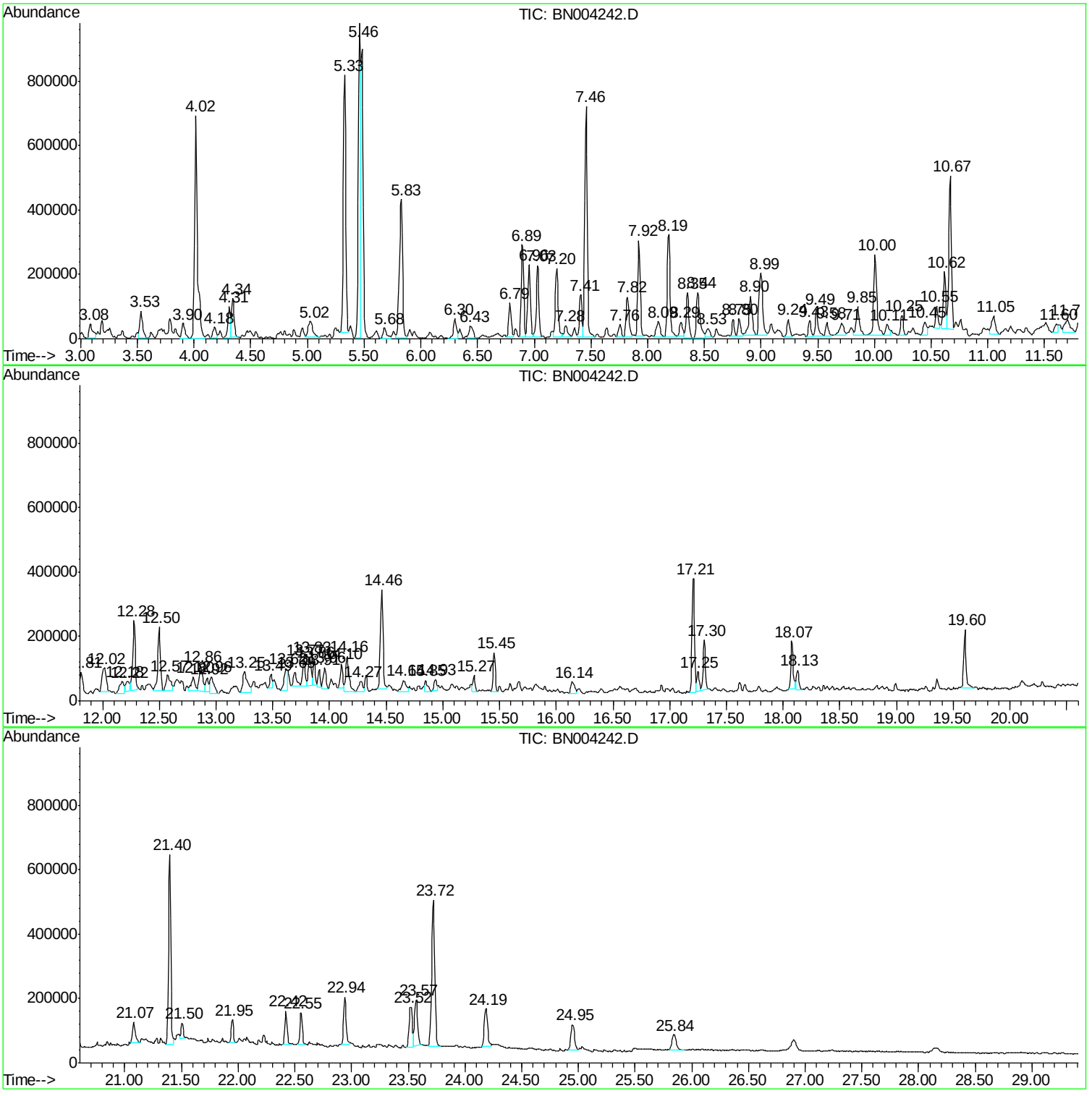
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

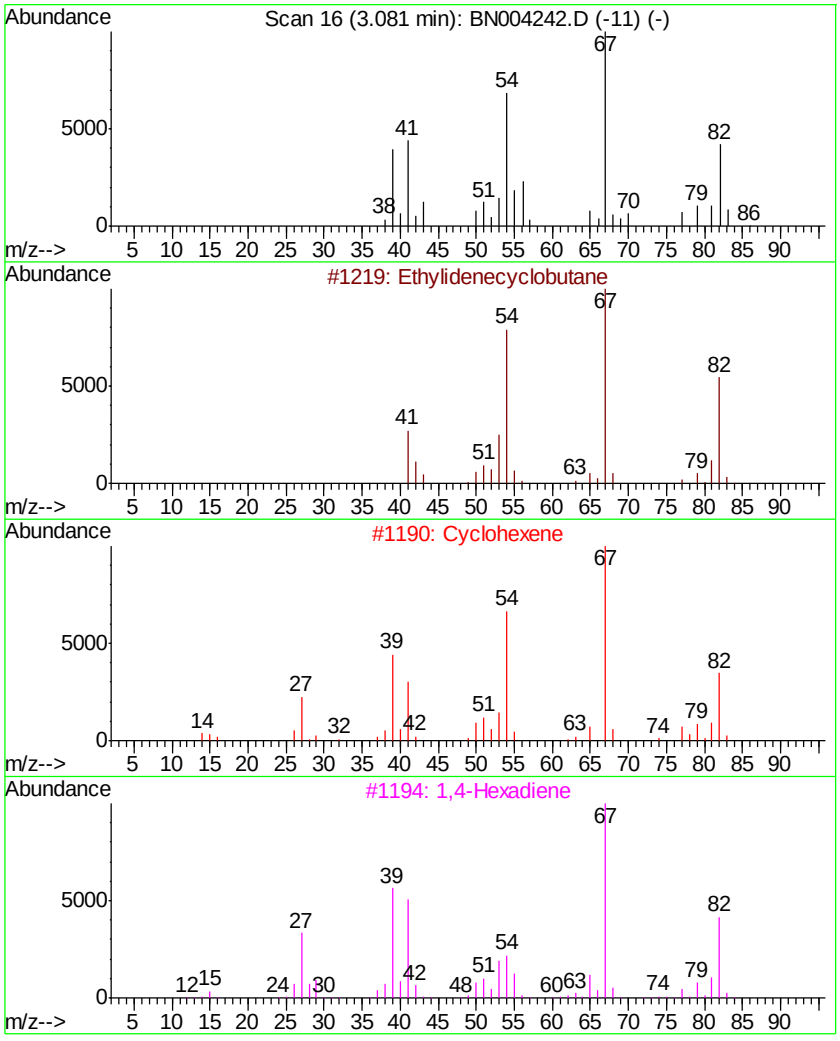
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

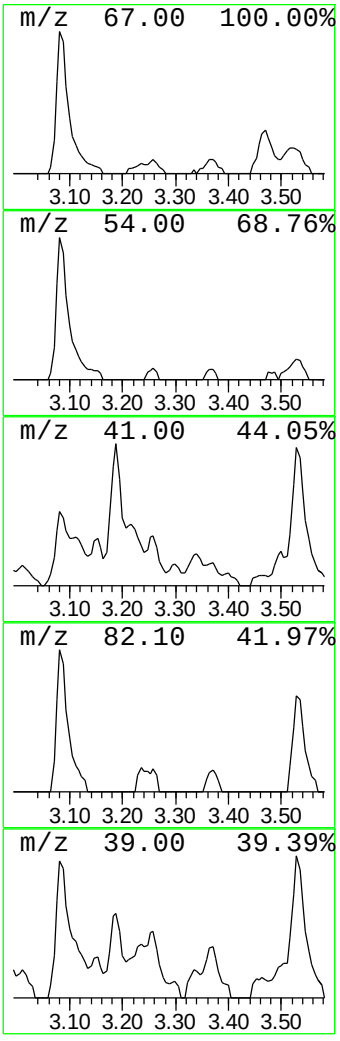
****

Peak Number 1 Ethylidenecyclobutane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	9.04 ng/ul	104029	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclobutane	82	C6H10	001528-21-8	87
2	Cyclohexene	82	C6H10	000110-83-8	83
3	1,4-Hexadiene	82	C6H10	000592-45-0	76
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	68
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

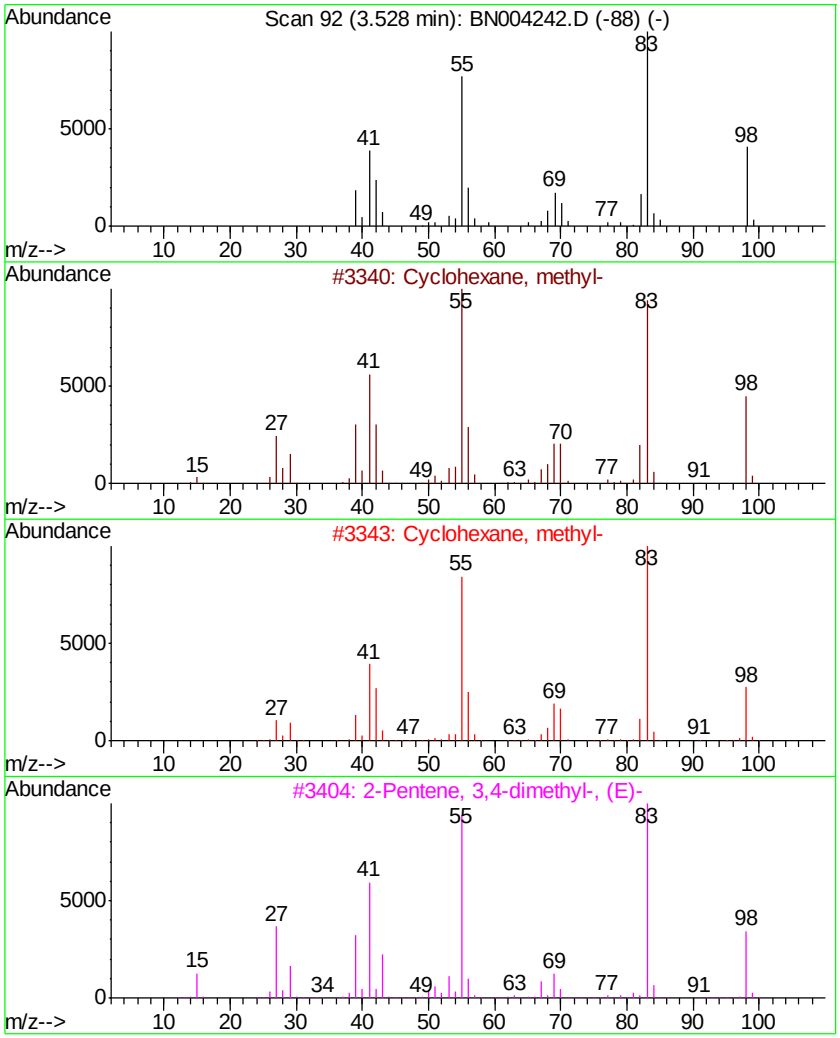
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

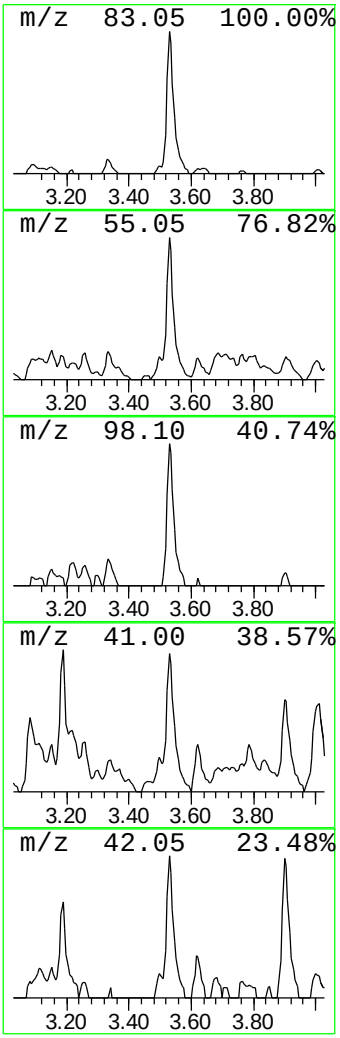
****

Peak Number 2 (DEL) Alkane: Cyclic3.53 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	13.79 ng/ul	158661	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	76
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	72
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64
4	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64
5	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

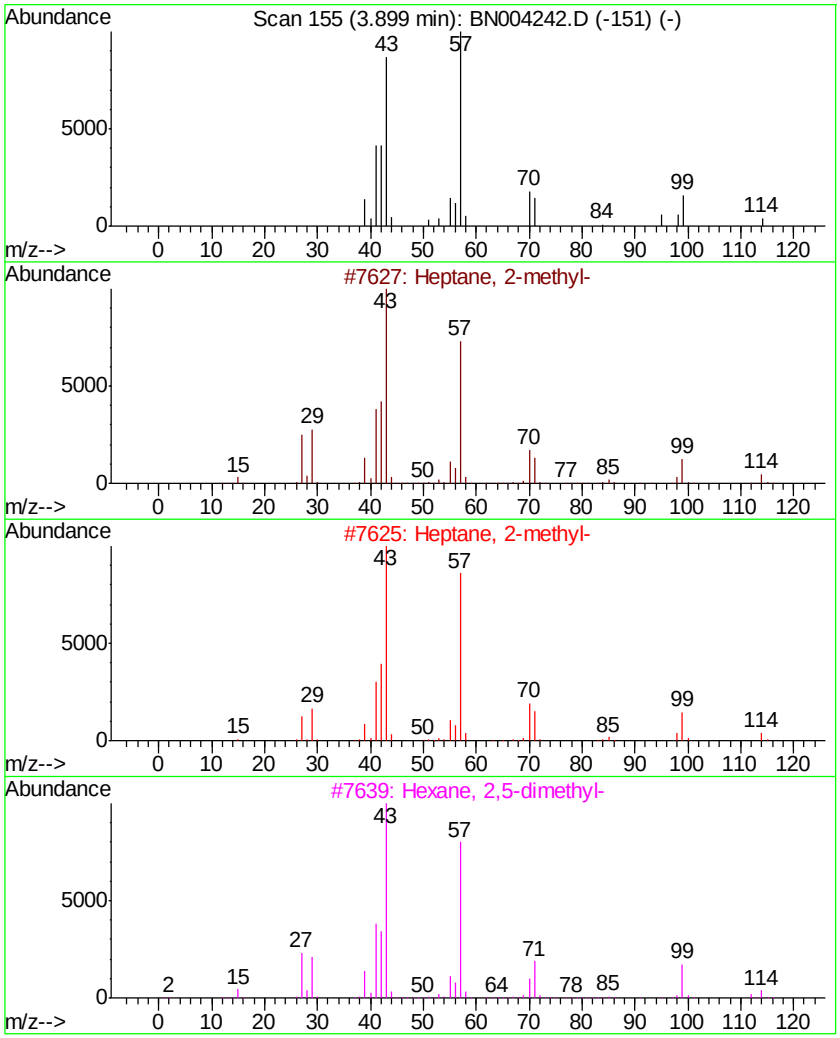
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

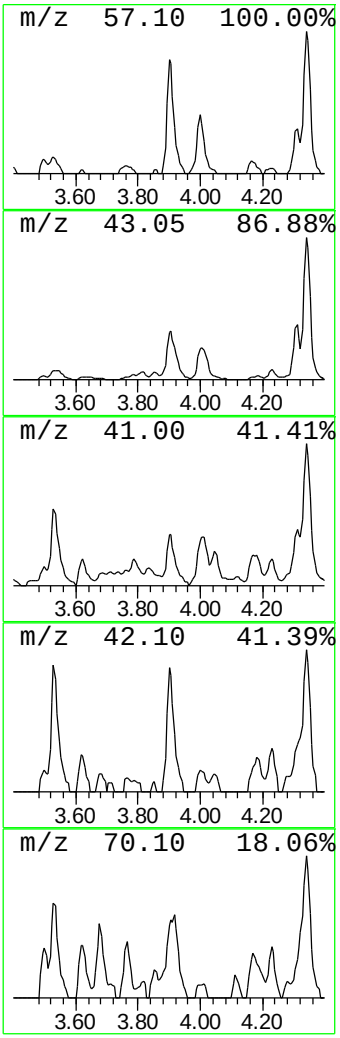
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	8.31 ng/ul	95567	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

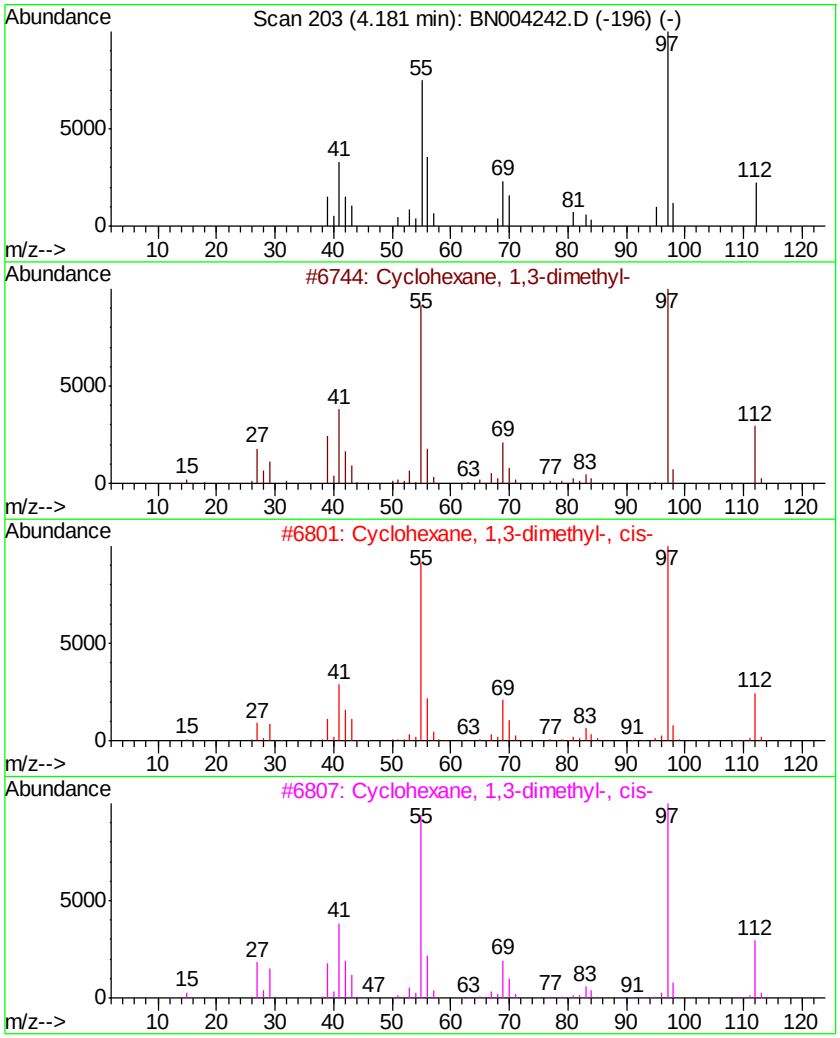
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

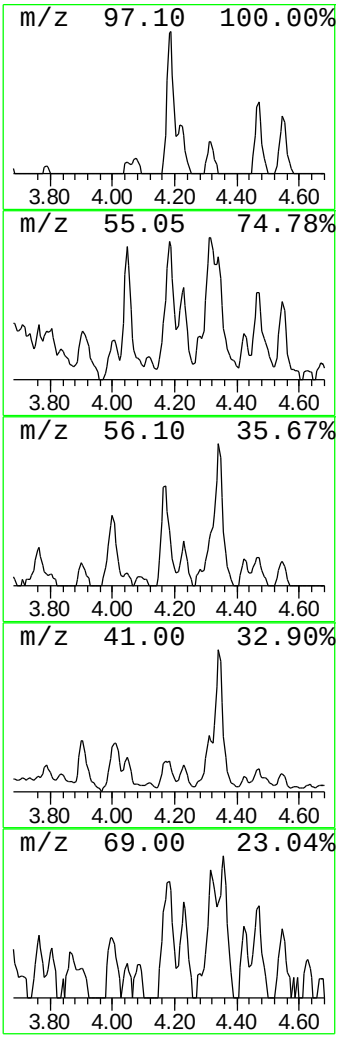
****

Peak Number 5 (DEL) Alkane: Cyclic4.18 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	5.73 ng/ul	65881	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	87
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	86
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

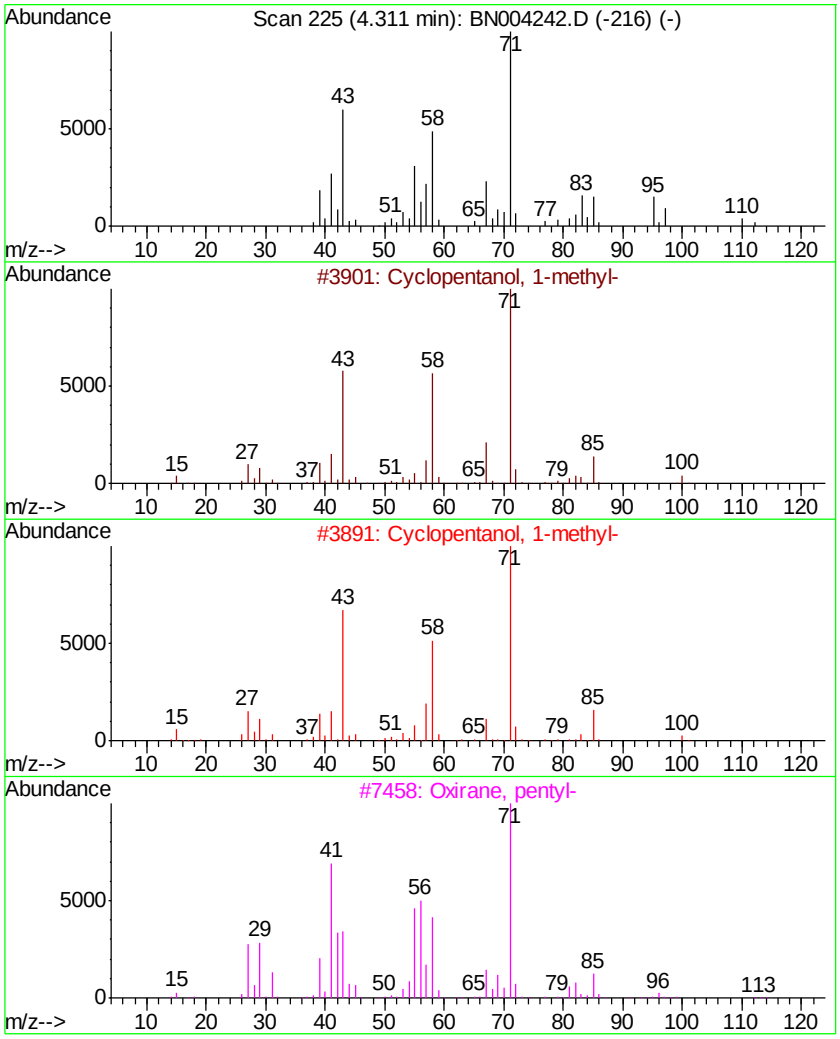
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

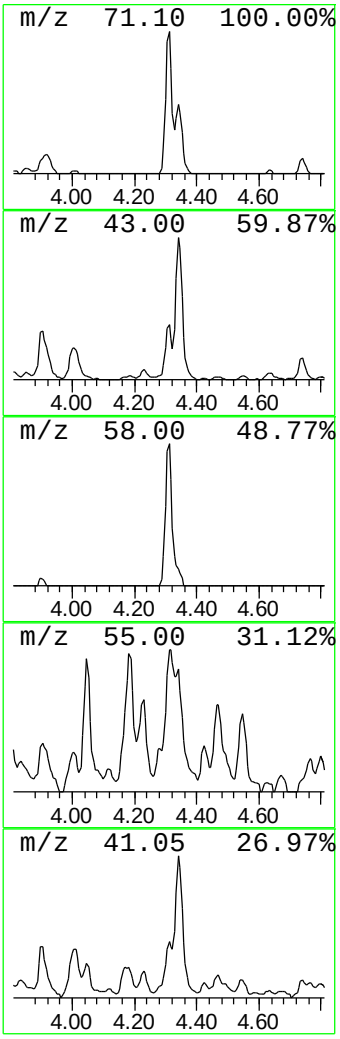
****

Peak Number 6 Cyclopentanol, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	13.35 ng/ul	153572	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	64
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	59
3	Oxirane, pentyl-	114	C7H14O	005063-65-0	45
4	Ether, methyl 1-octadecenyl	282	C19H38O	026537-06-4	45
5	2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	43





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Sample : J6489-12DL 2X
Misc :
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Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

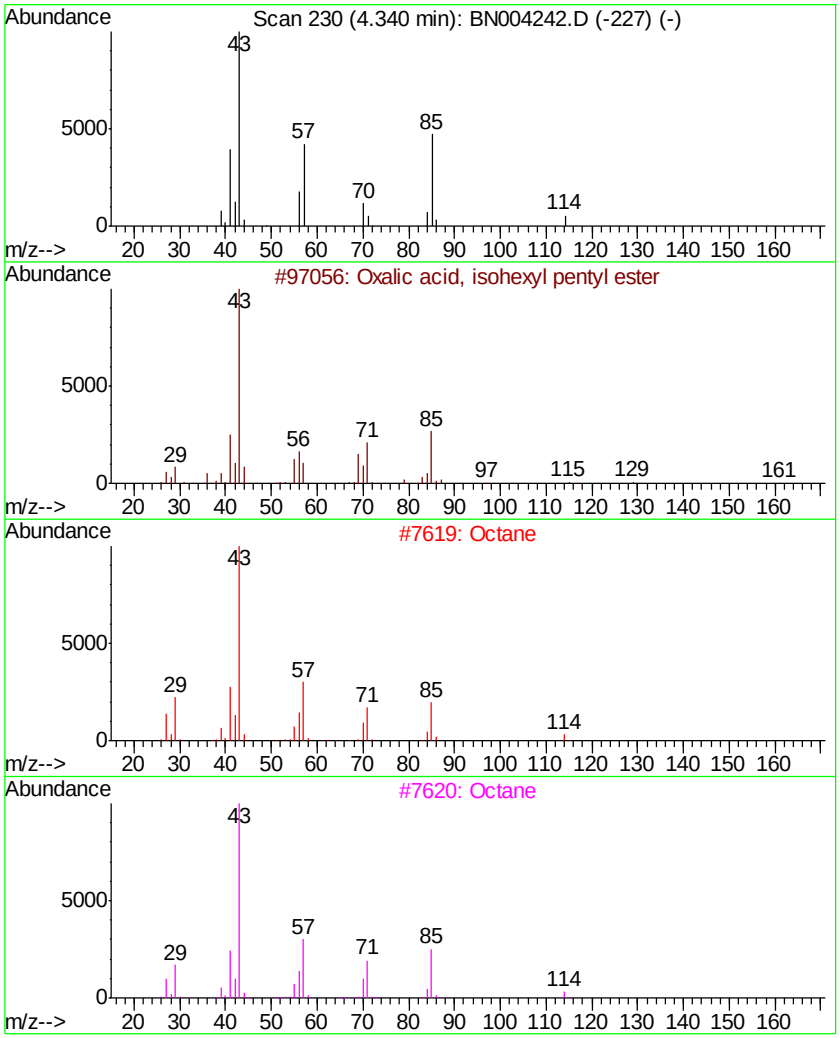
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

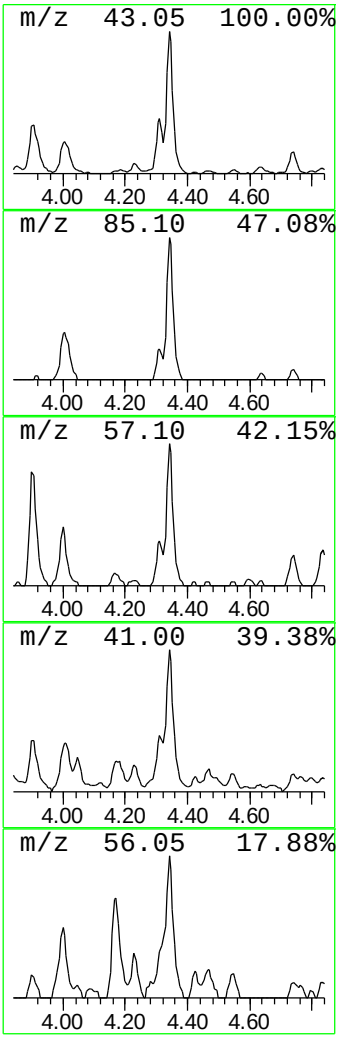
****

Peak Number 7 Oxalic acid, isohexyl penty... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	16.04 ng/ul	184551	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	72
2	Octane	114	C8H18	000111-65-9	64
3	Octane	114	C8H18	000111-65-9	64
4	Octane	114	C8H18	000111-65-9	64
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64





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Quant Title : SVOA CALIBRATION

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

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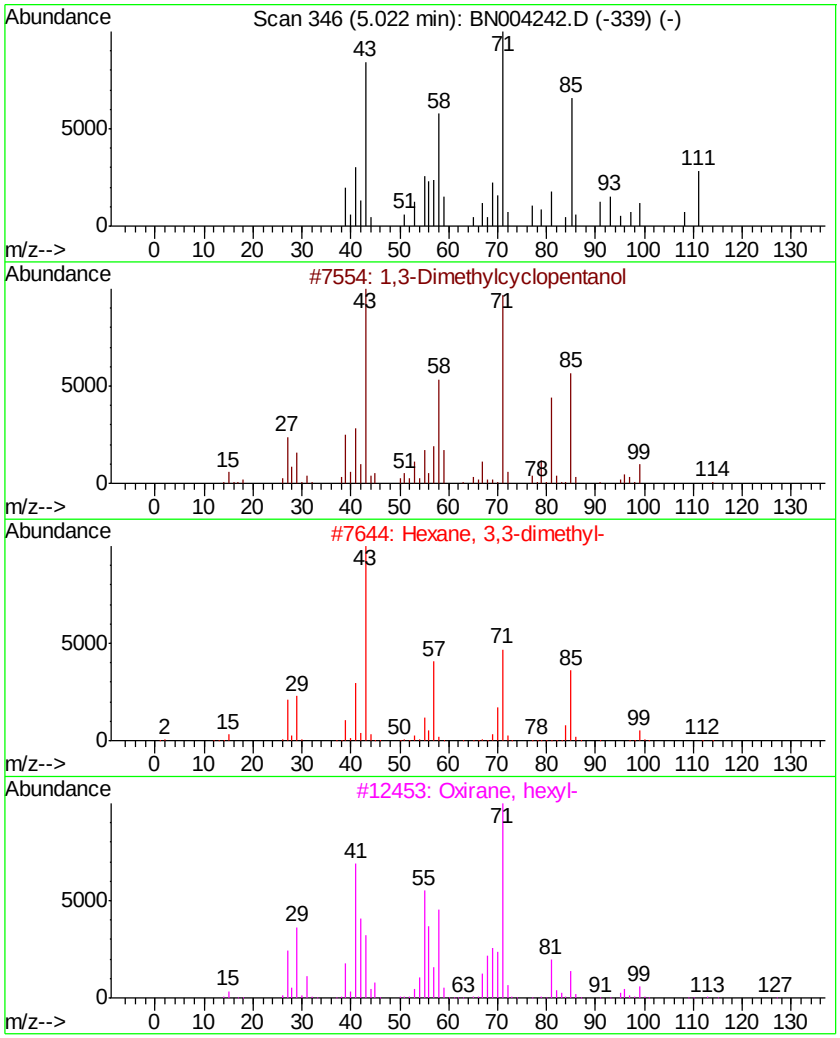
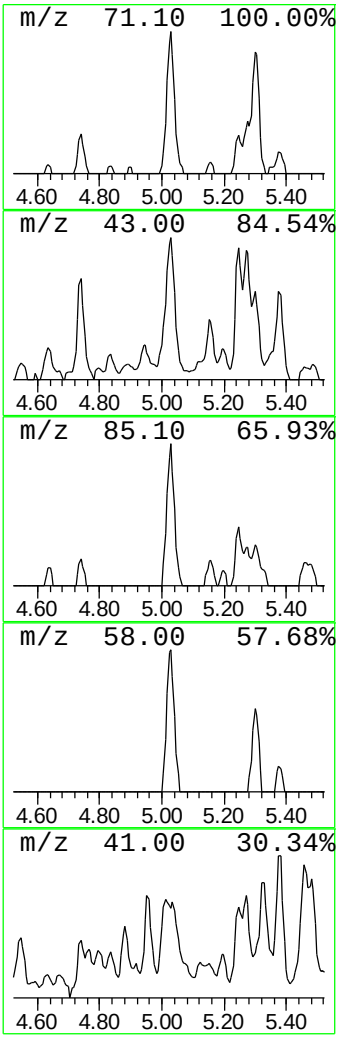
Peak Number 8 1,3-Dimethylcyclopentanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	12.75 ng/ul	146632	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
3	Oxirane, hexyl-	128	C8H16O	002984-50-1	43
4	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	38
5	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	38





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Quant Title : SVOA CALIBRATION

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

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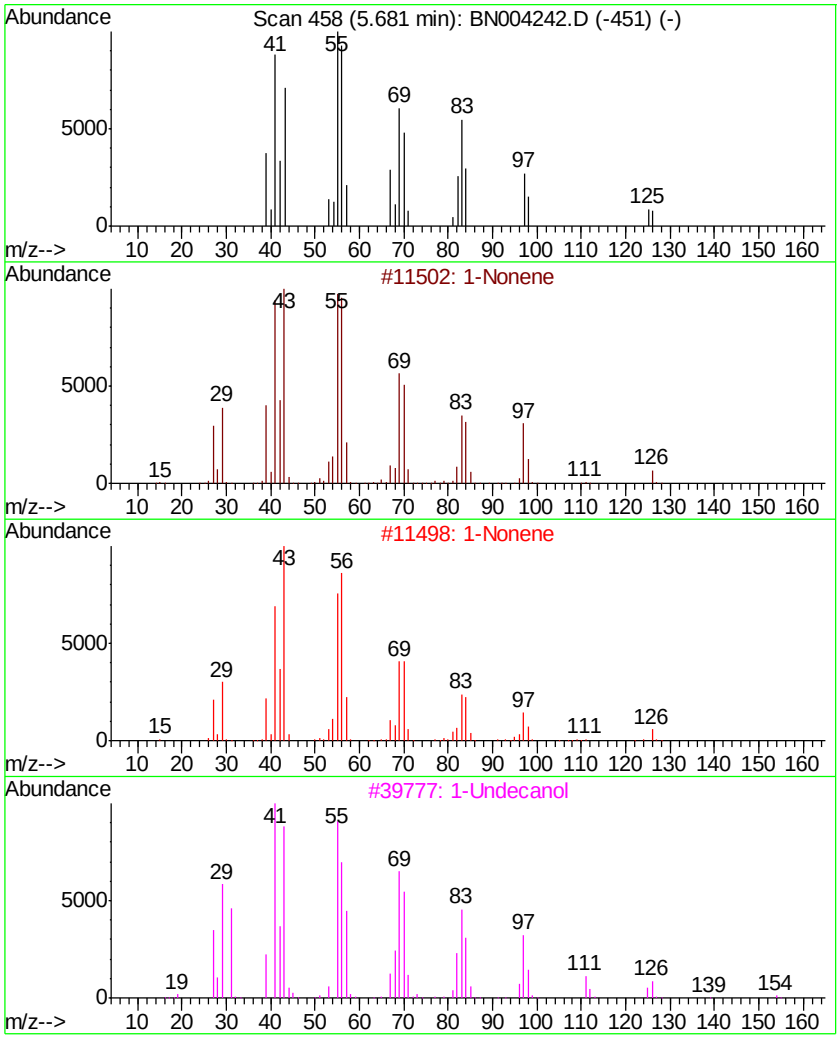
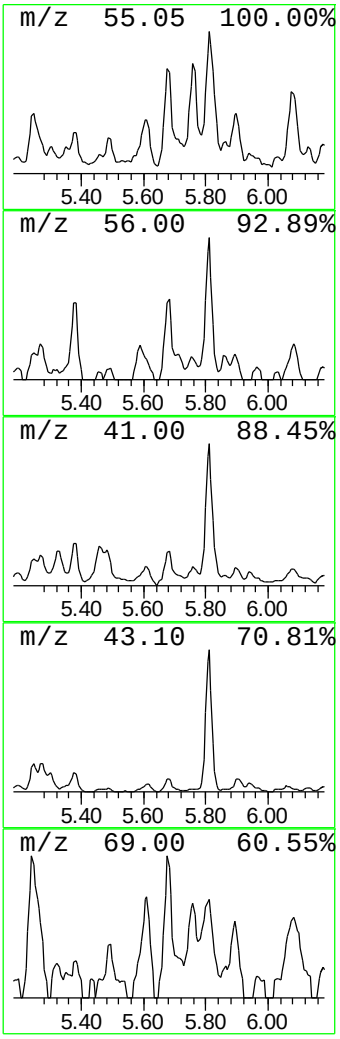
Peak Number 11 (DEL) Alkane: Cyclic5.68 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	6.50 ng/ul	74792	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene	126	C9H18	000124-11-8	93
2	1-Nonene	126	C9H18	000124-11-8	81
3	1-Undecanol	172	C11H24O	000112-42-5	72
4	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	72
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	52





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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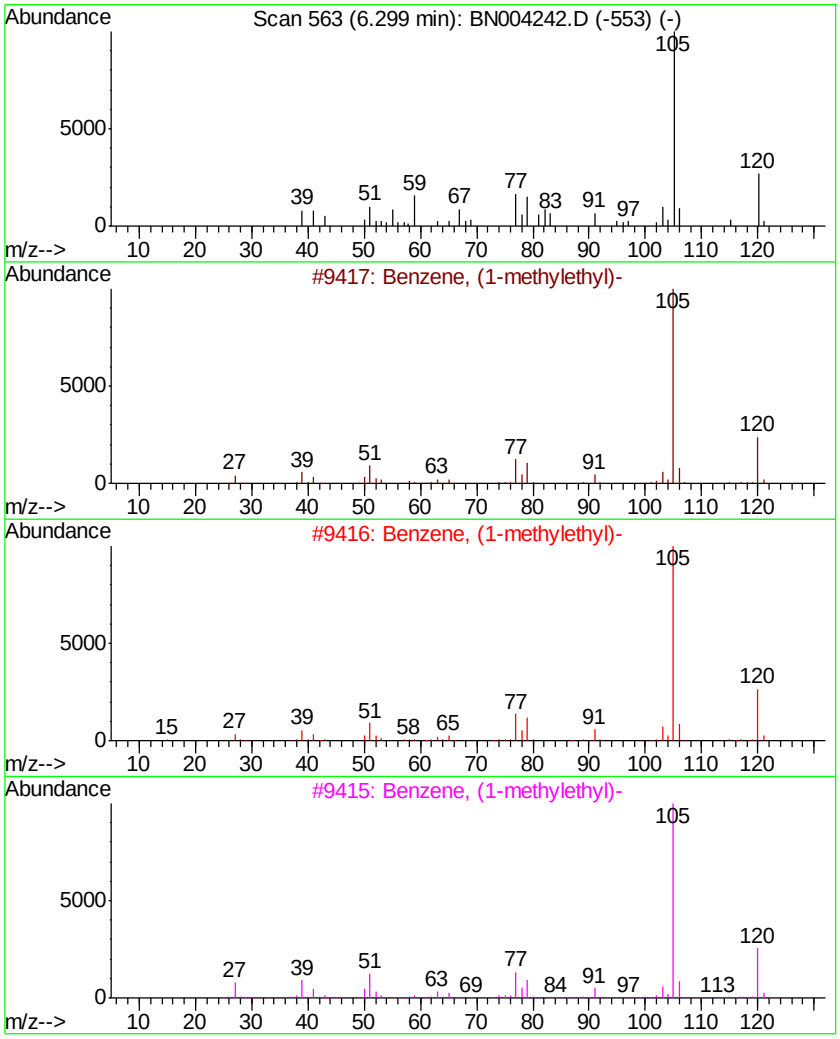
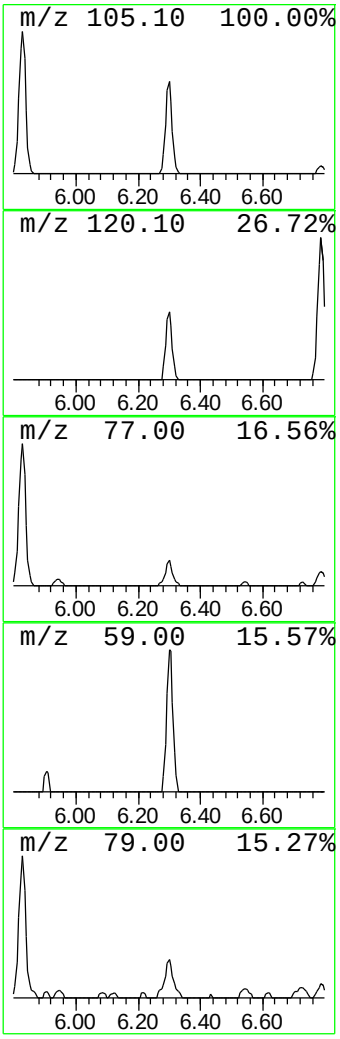
Peak Number 13 Benzene, (1-methylethyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	10.67 ng/ul	122806	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





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Sample : J6489-12DL 2X
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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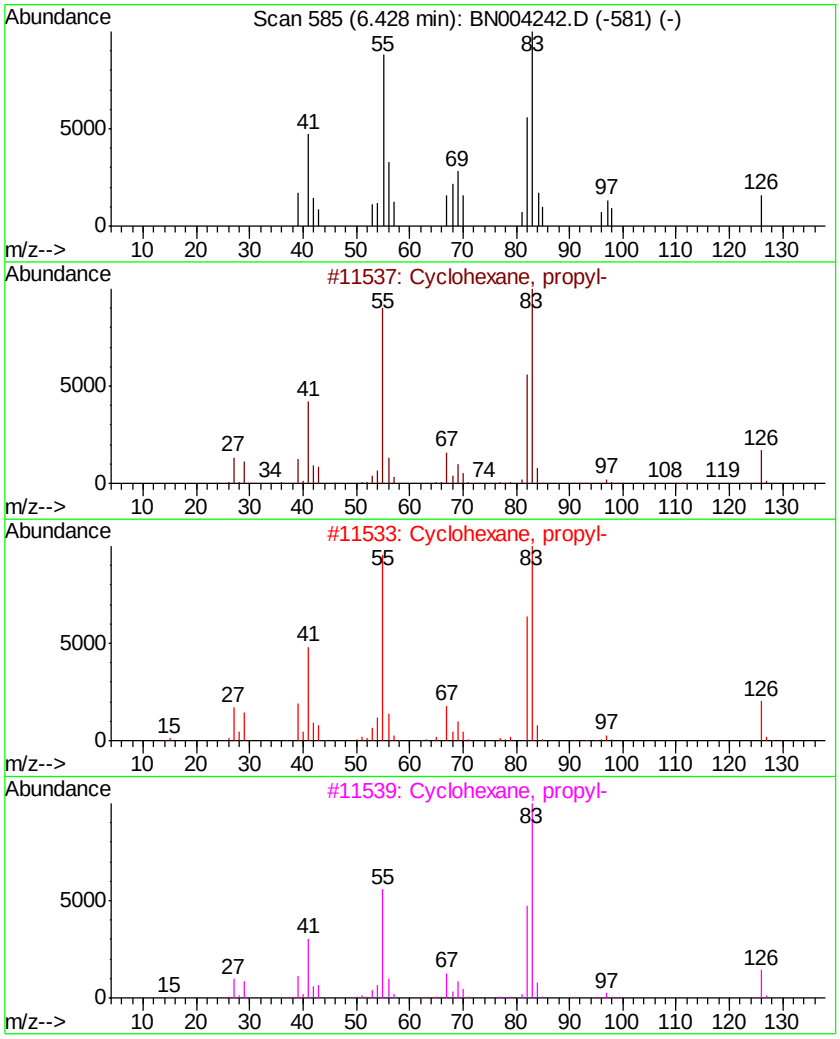
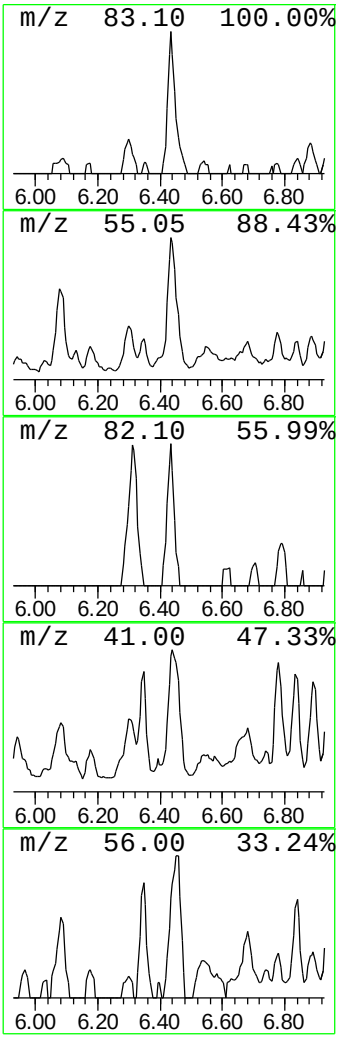
Peak Number 14 (DEL) Alkane: Cyclic6.43 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	8.24 ng/ul	94856	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	38





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Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

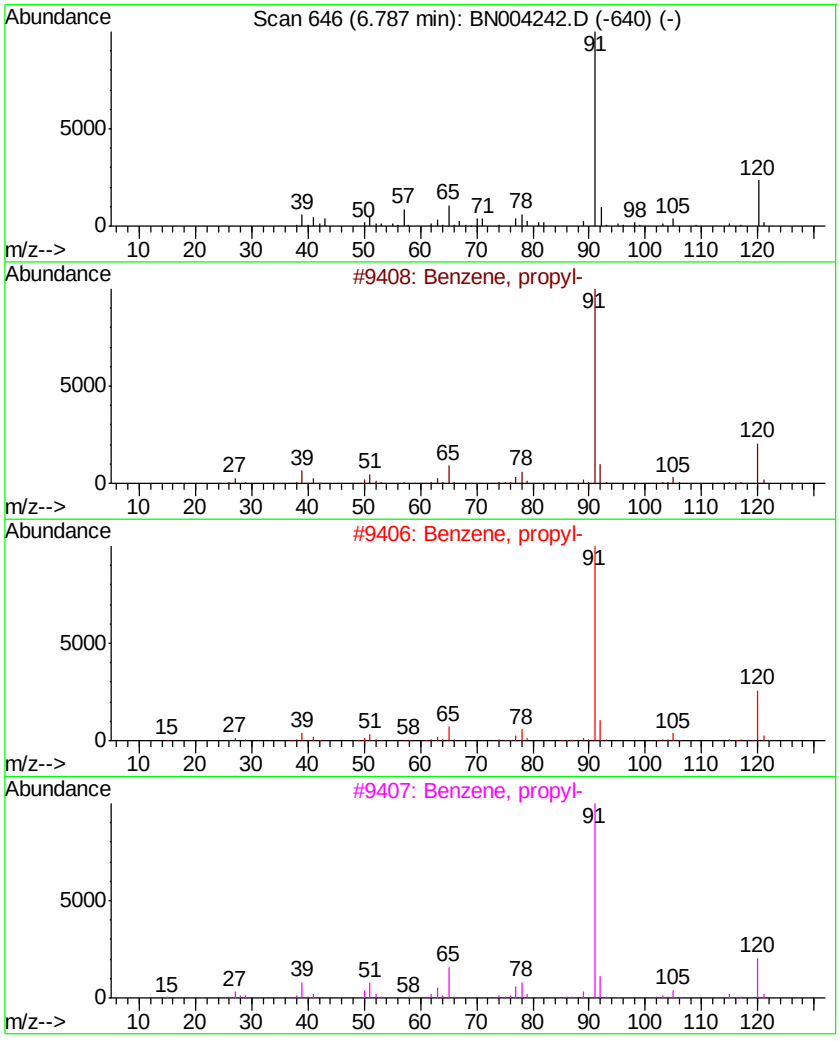
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

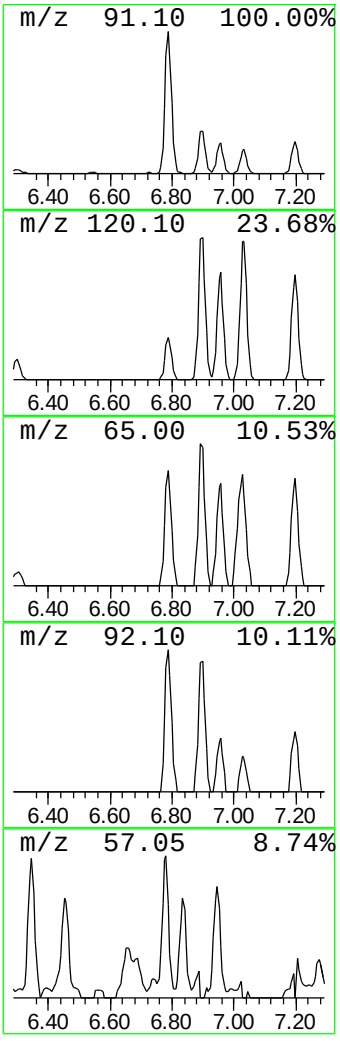
****

Peak Number 15 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	14.16 ng/ul	162872	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





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ALS Vial : 9 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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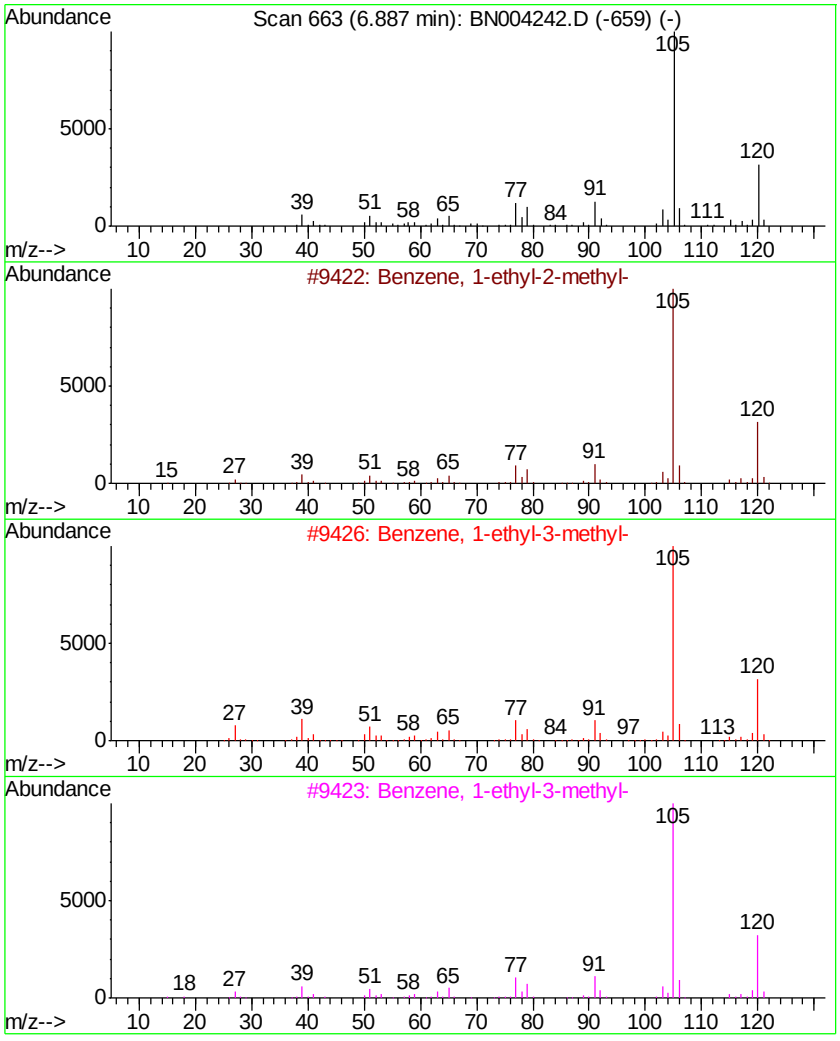
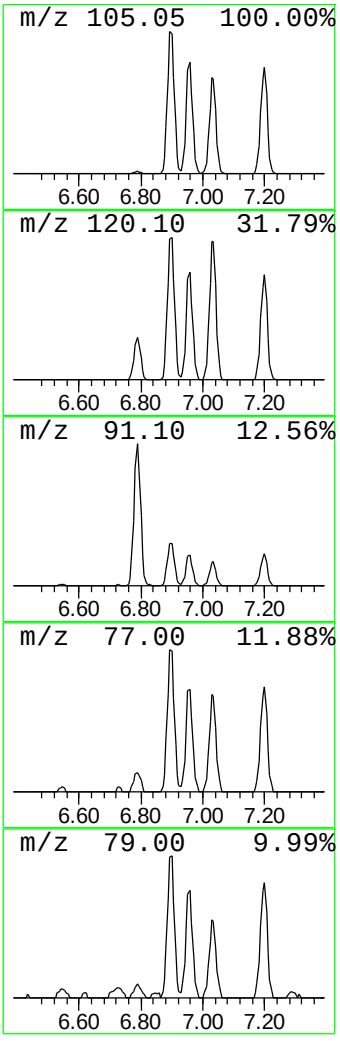
Peak Number 16 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	37.91 ng/ul	436138	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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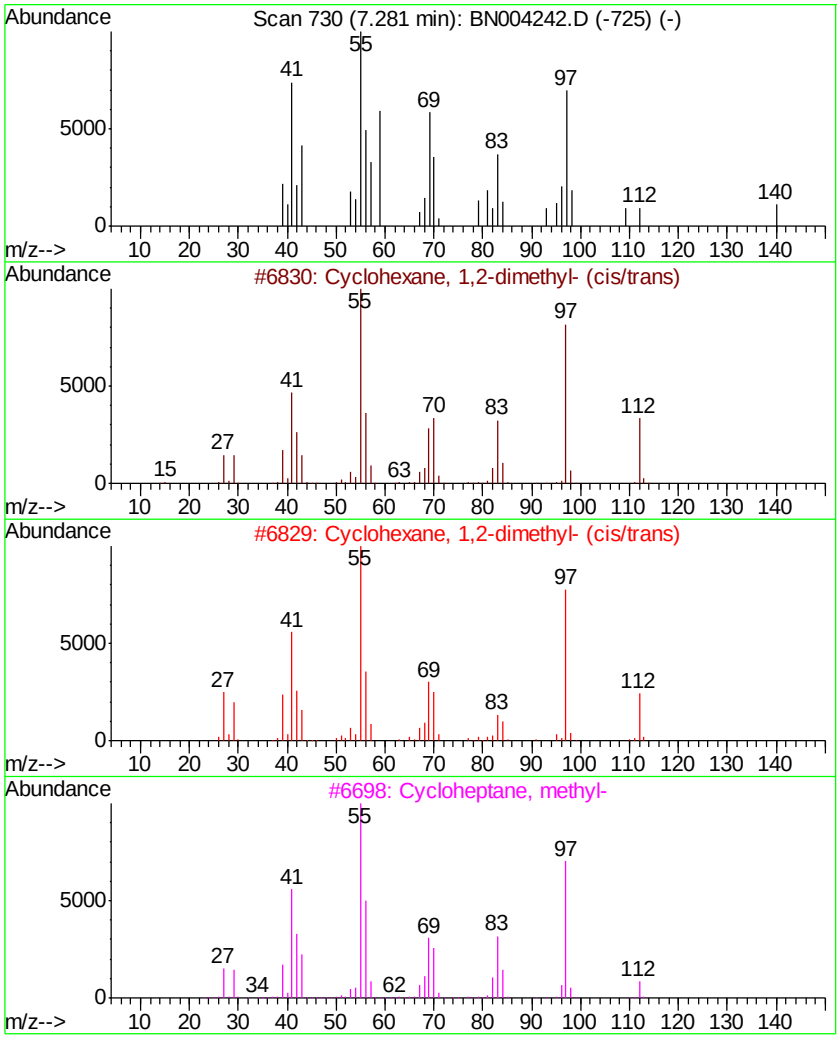
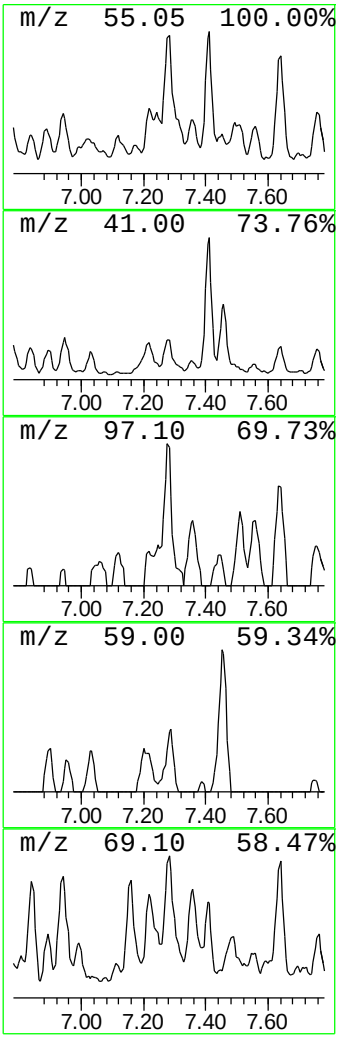
Peak Number 17 (DEL) Alkane: Cyclic7.28 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	5.99 ng/ul	68861	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	50
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	43
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	43
4	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	38
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	30





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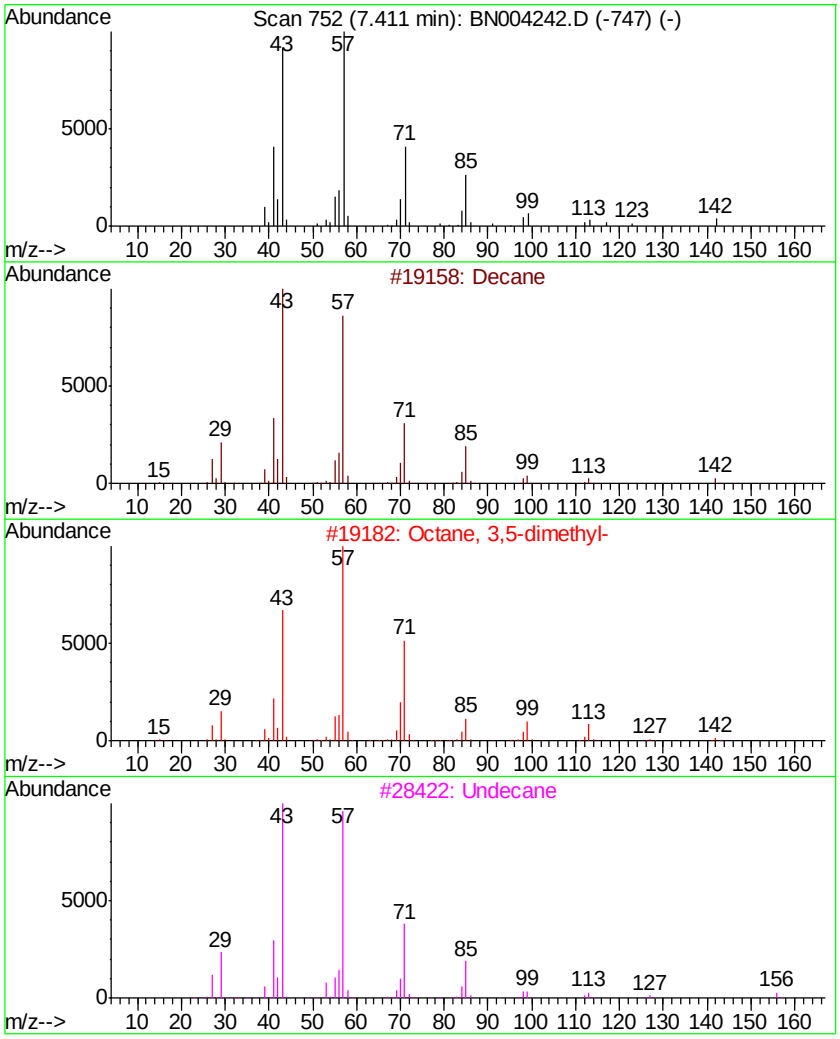
Quant Title : SVOA CALIBRATION

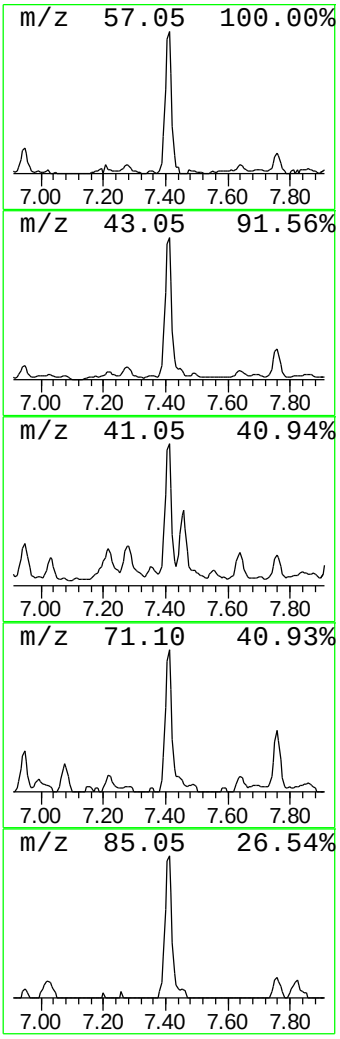
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	16.65 ng/ul	191526	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	80
3	Undecane	156	C11H24	001120-21-4	78
4	Nonane	128	C9H20	000111-84-2	72
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64





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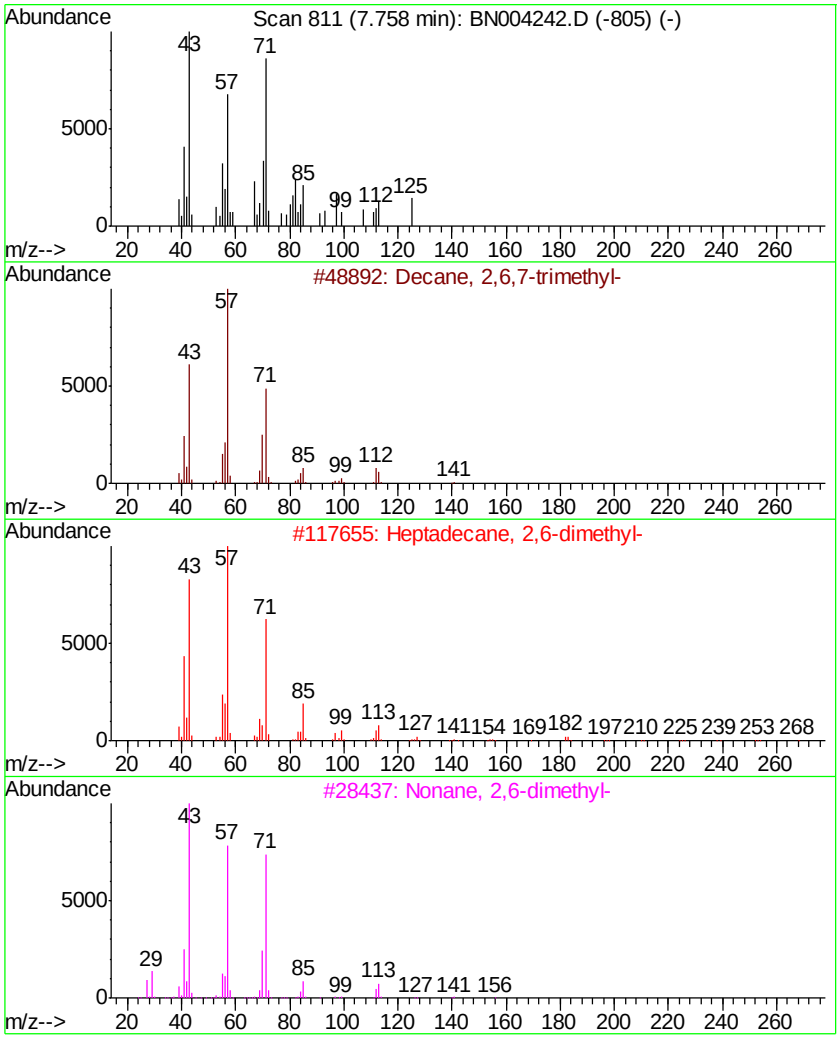
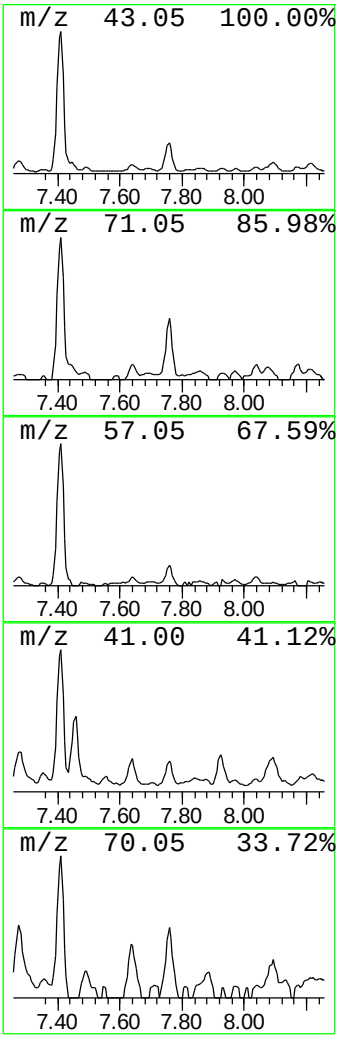
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	5.96 ng/ul	68535	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	50
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	49
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47





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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 21 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	39.26 ng/ul	451732	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
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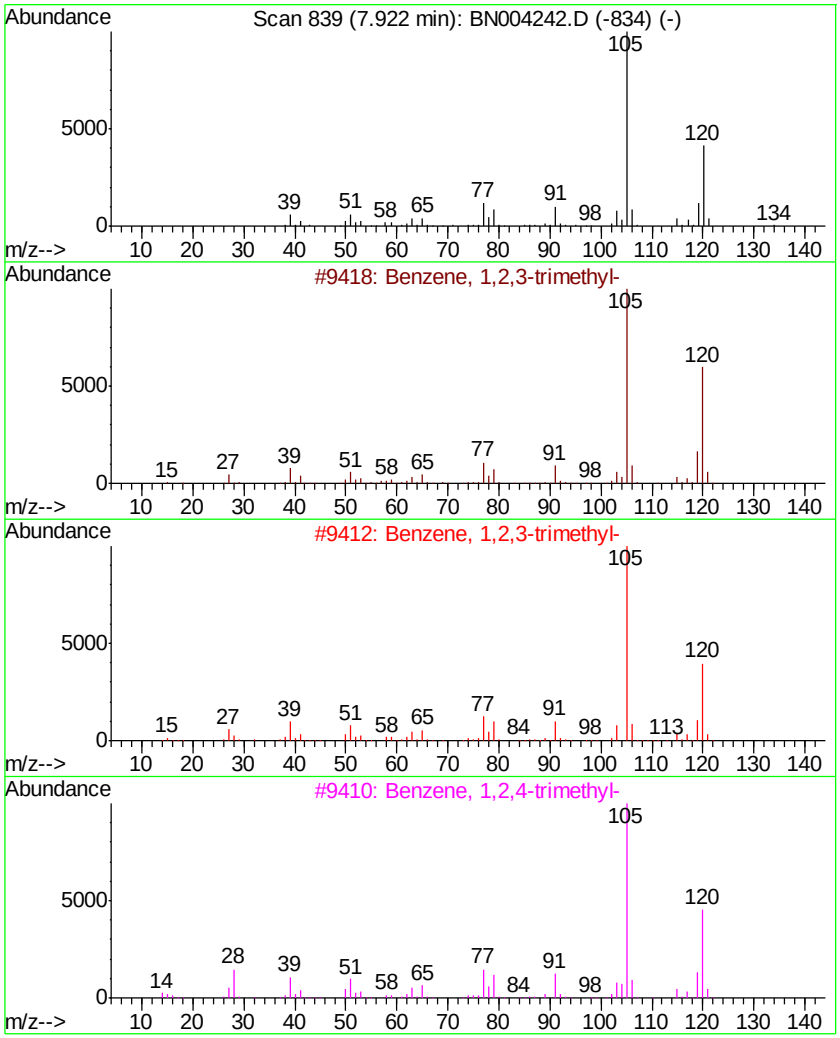

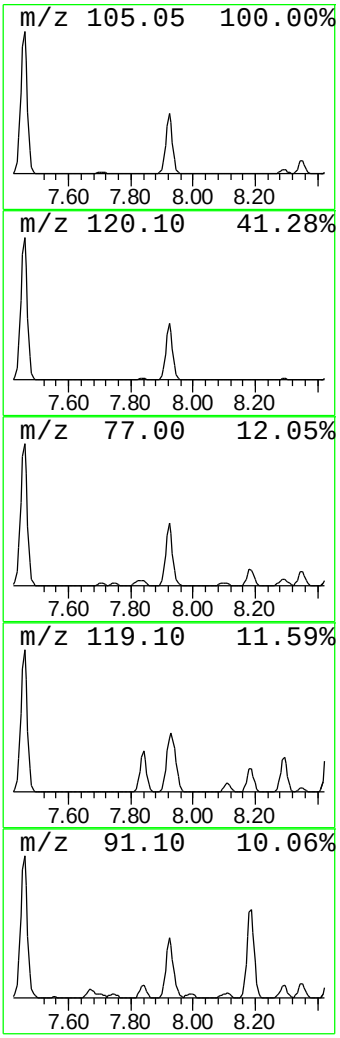

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ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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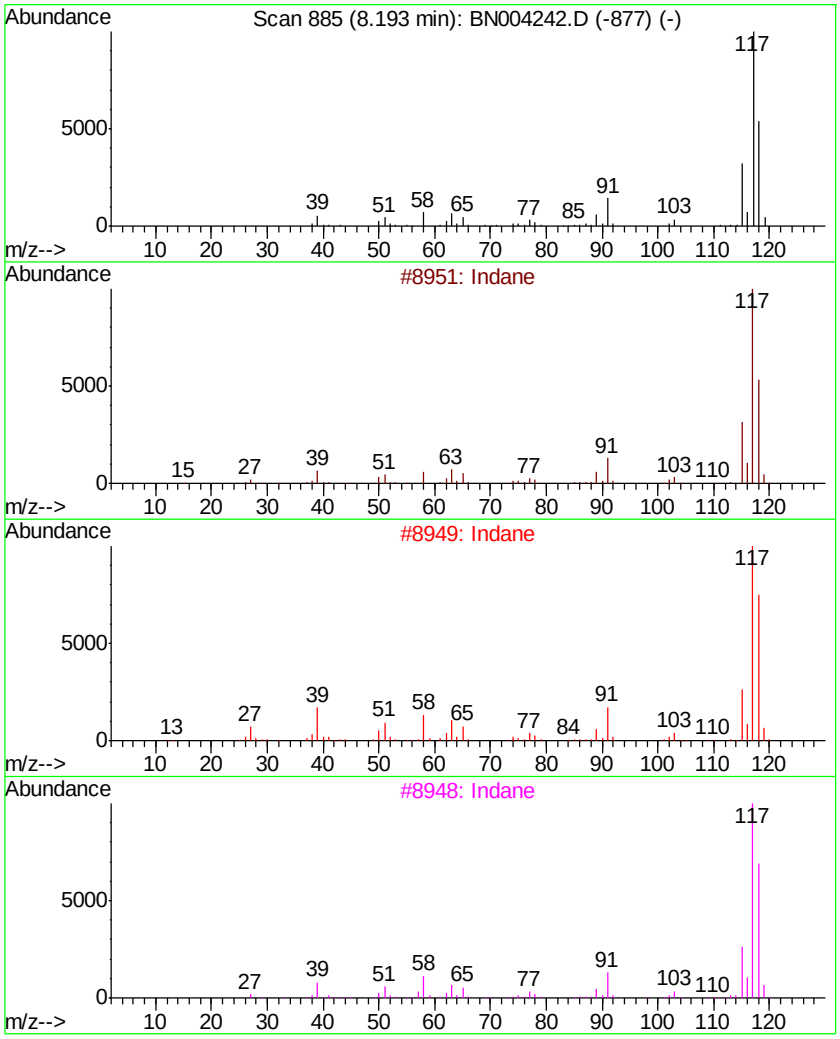
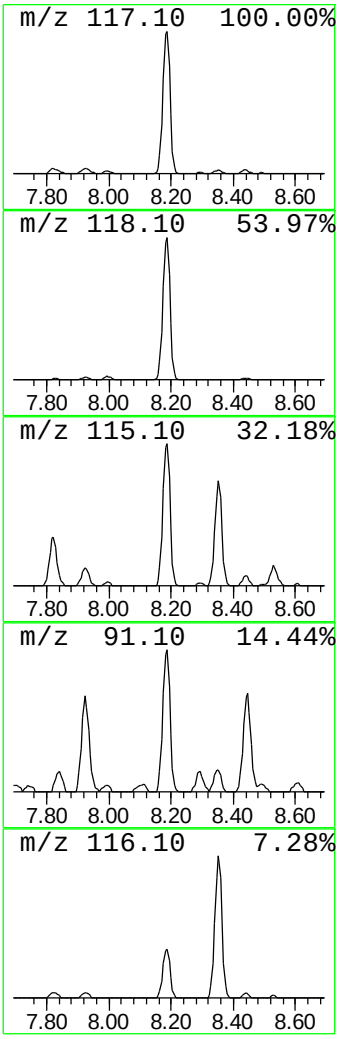
Peak Number 23 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	46.40 ng/ul	533823	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Library Search Compound Report

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Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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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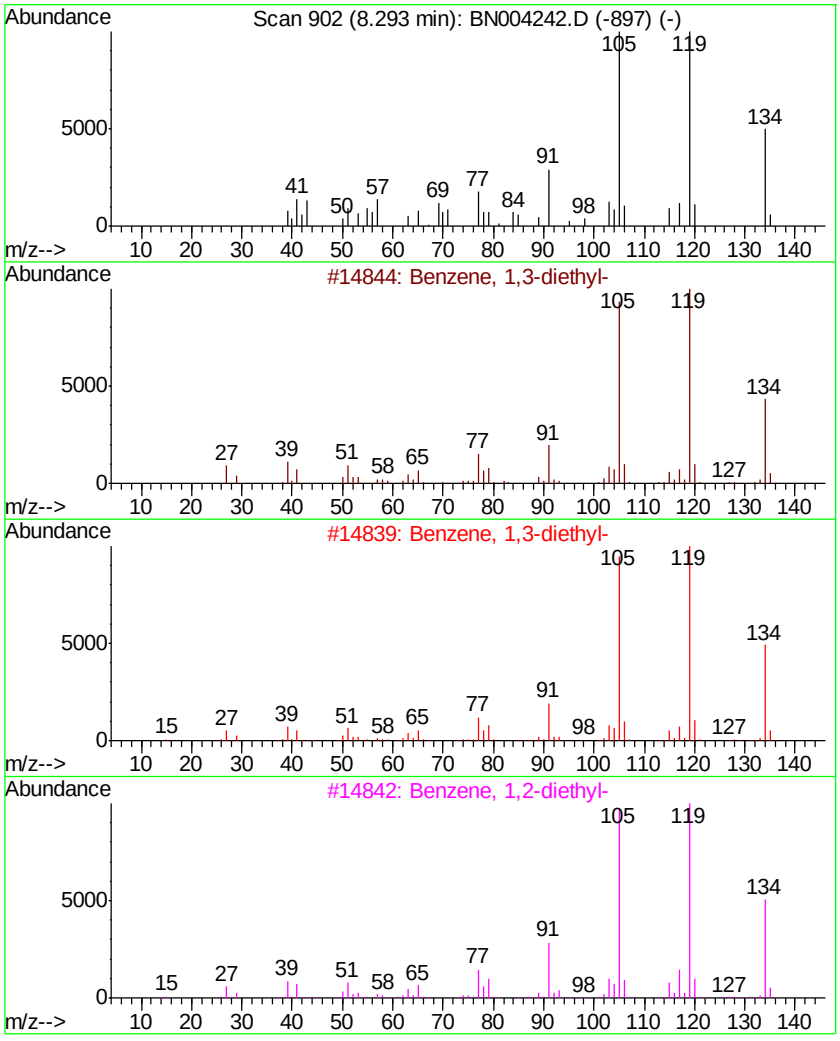
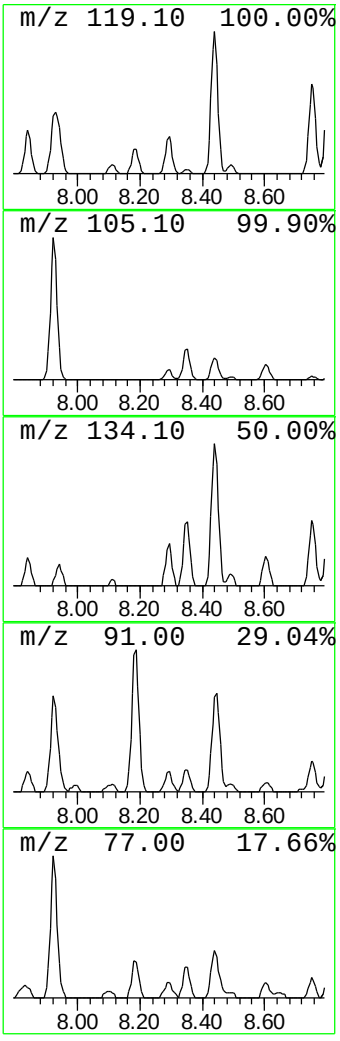
Peak Number 24 Benzene, 1,3-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	7.15 ng/ul	82232	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





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Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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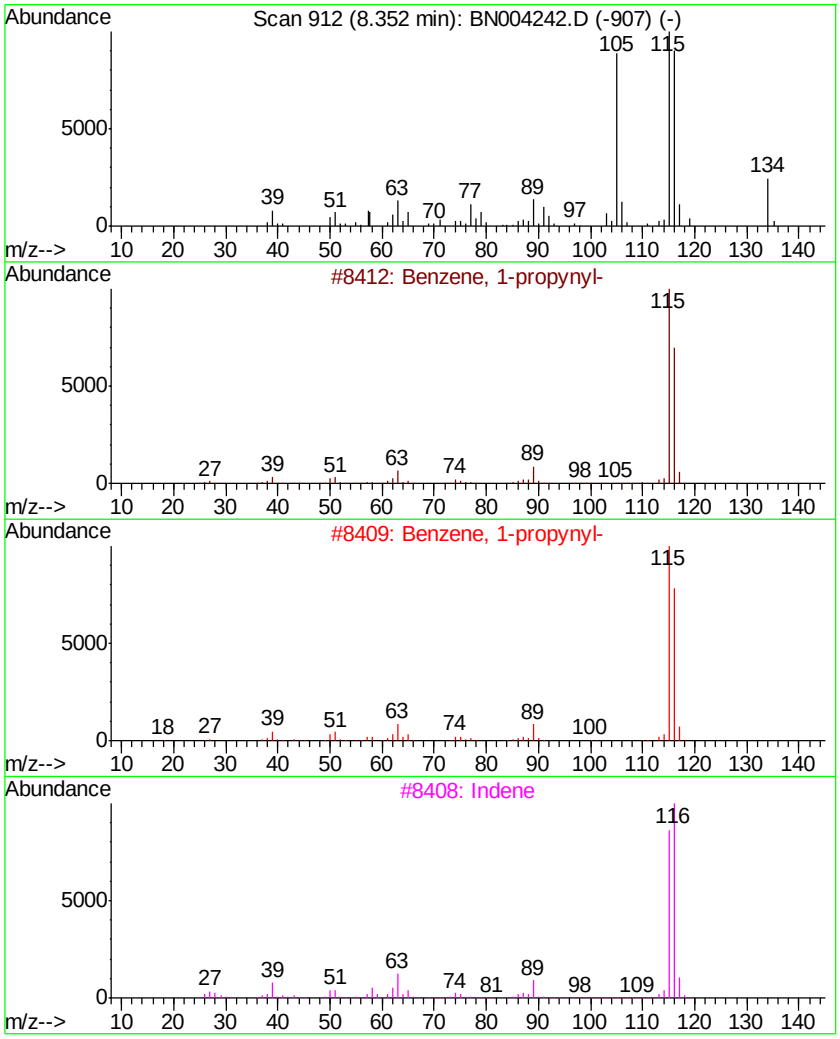
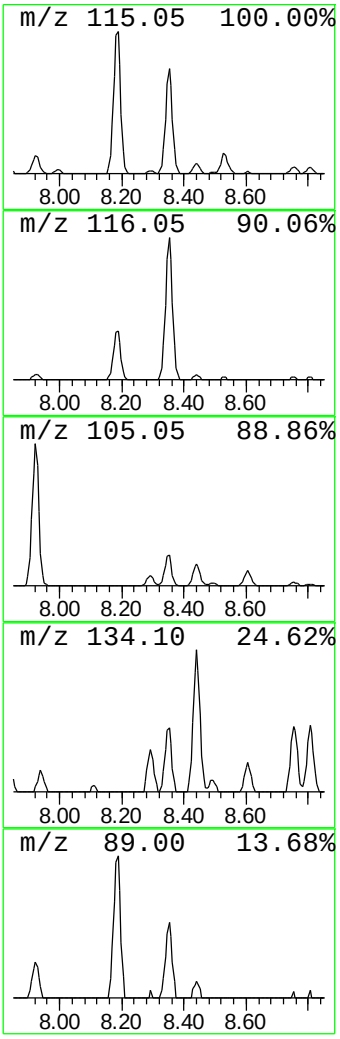
Peak Number 25 Benzene, 1-propynyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	20.39 ng/ul	234548	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	Indene	116	C9H8	000095-13-6	93
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	89
5	Indene	116	C9H8	000095-13-6	87





Library Search Compound Report

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Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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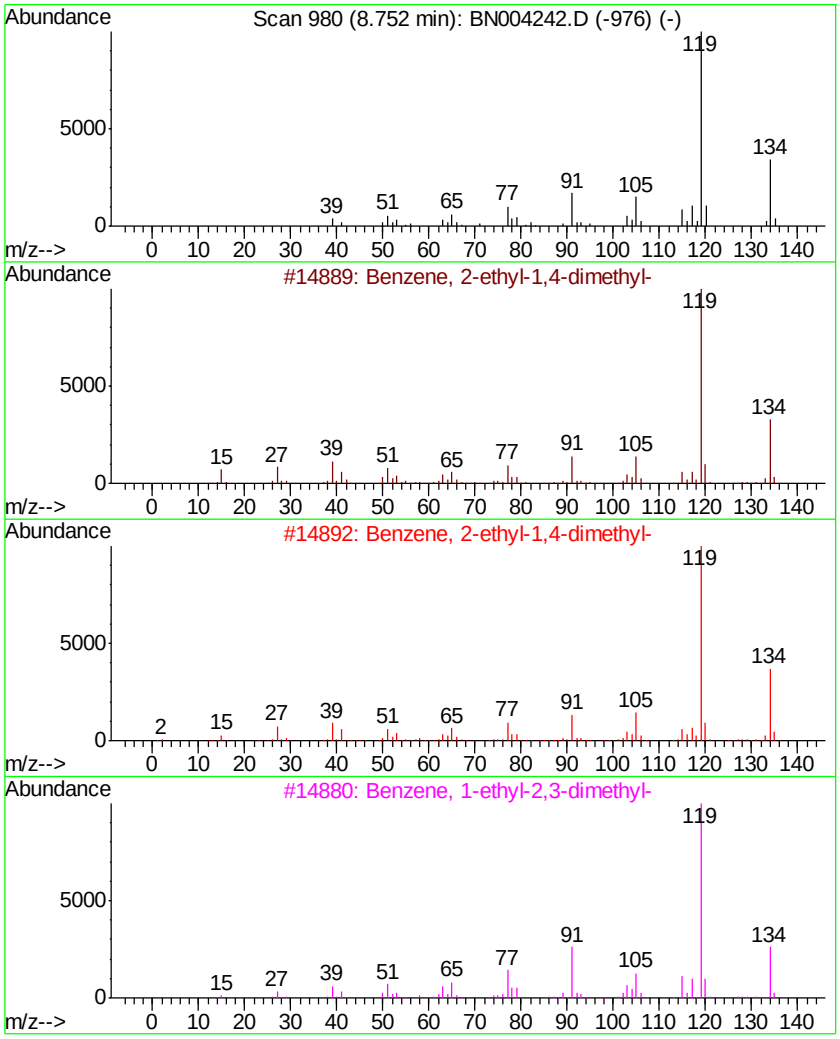
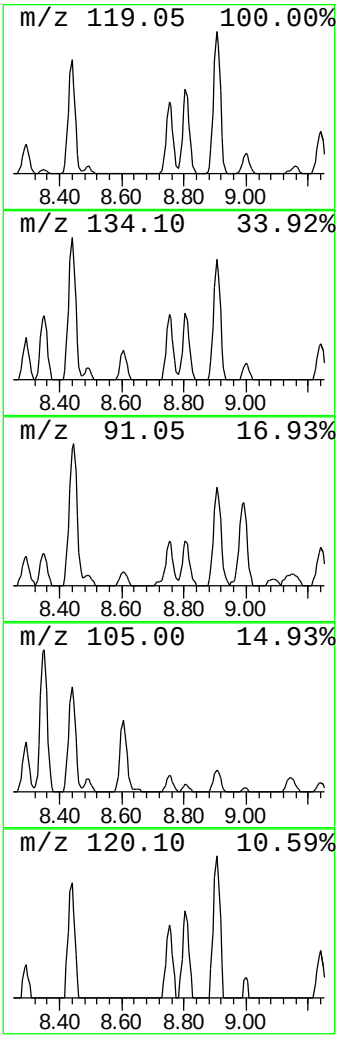
Peak Number 27 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	6.52 ng/ul	75027	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





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Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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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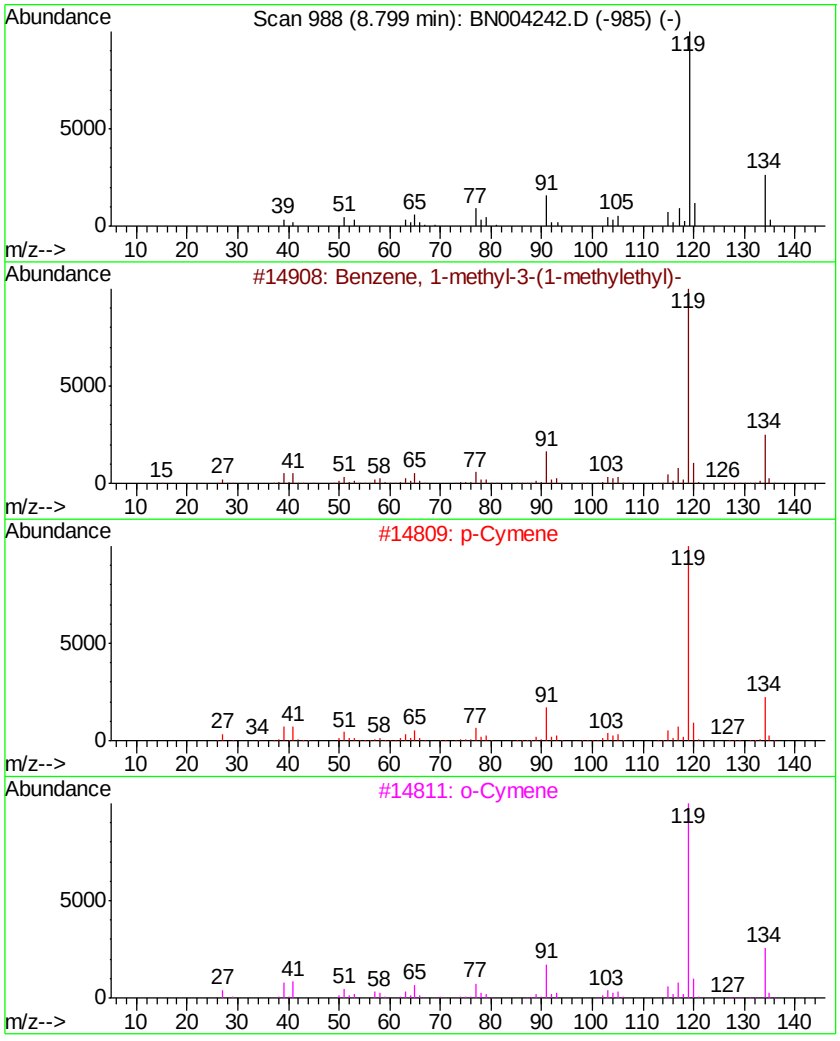
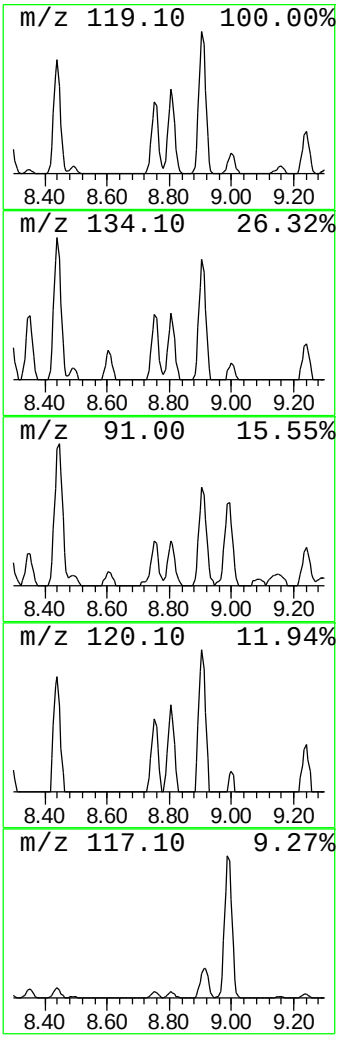
Peak Number 28 Benzene, 1-methyl-3-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	7.61 ng/ul	87574	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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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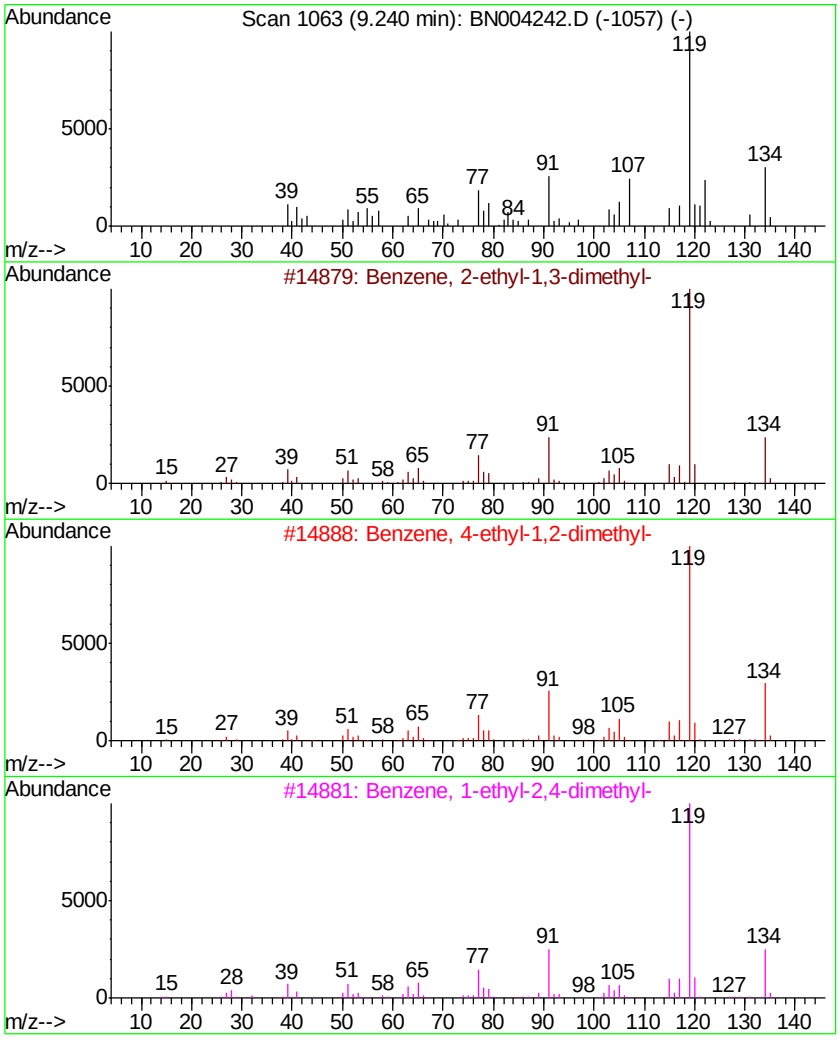
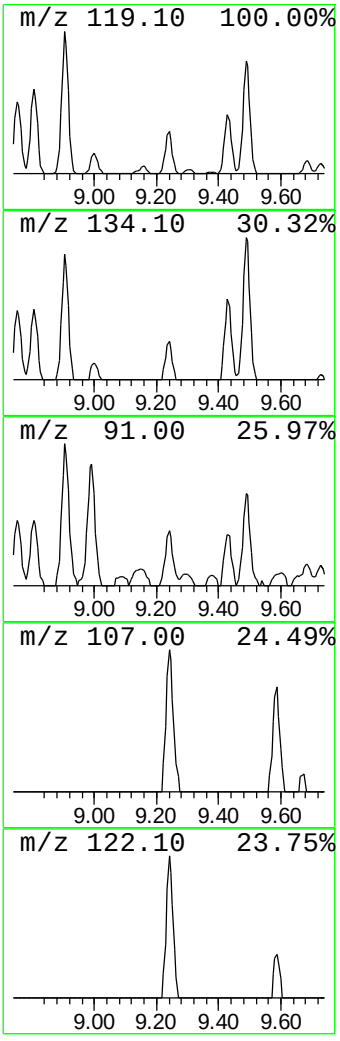
Peak Number 30 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	6.35 ng/ul	91920	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70





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Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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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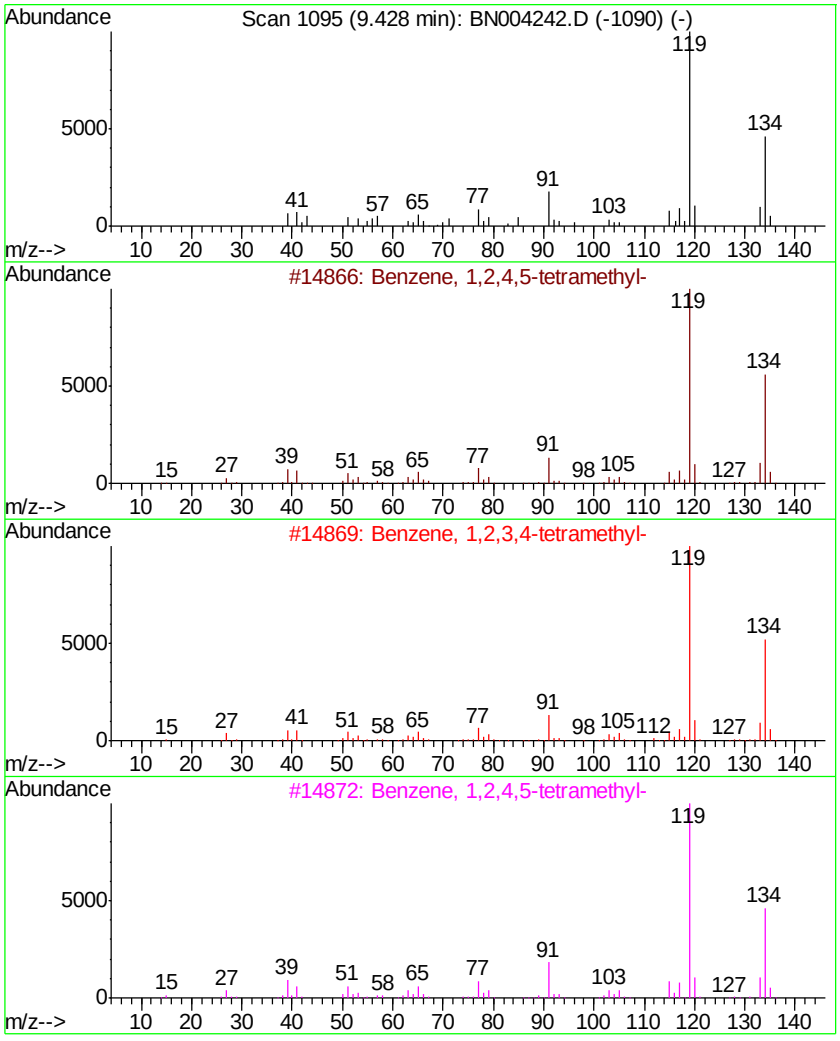
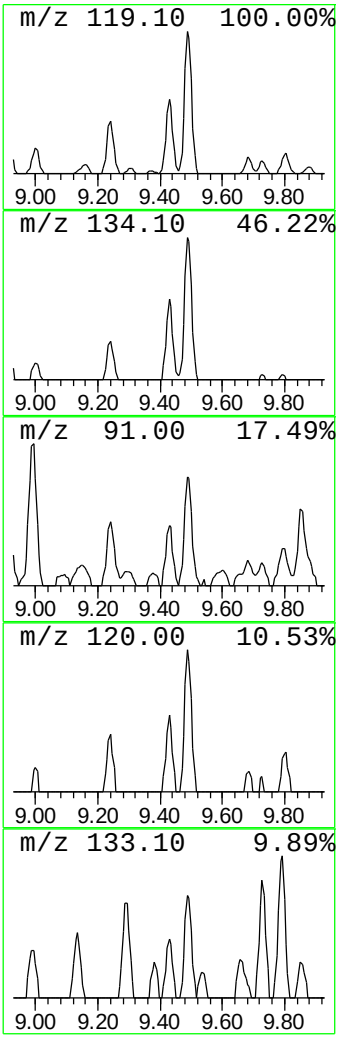
Peak Number 31 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	5.19 ng/ul	75109	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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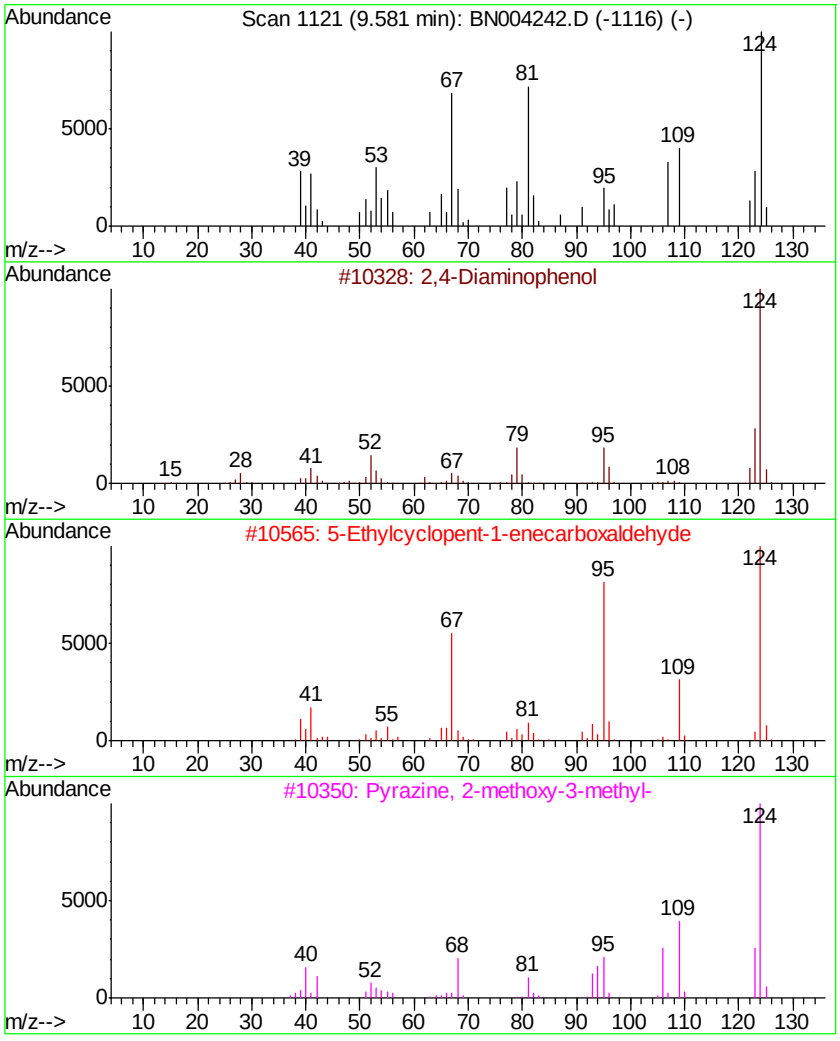
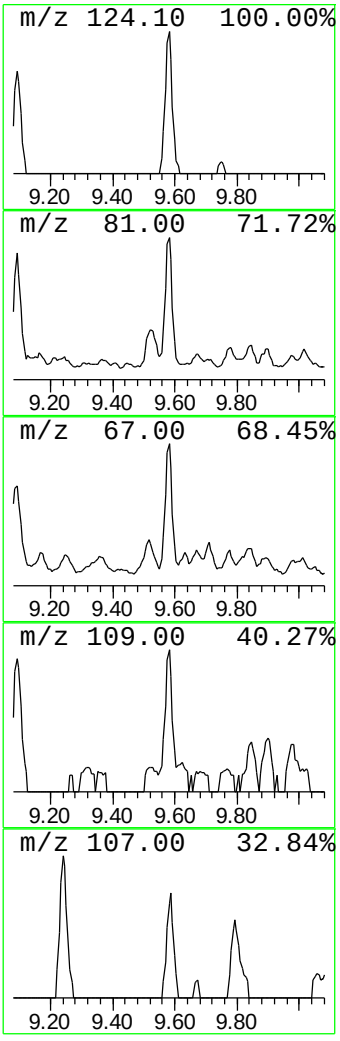
Peak Number 33 2,4-Diaminophenol Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	4.69 ng/ul	67883	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diaminophenol	124	C6H8N2O	000095-86-3	53
2	5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	50
3	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	49
4	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	47
5	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	43





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Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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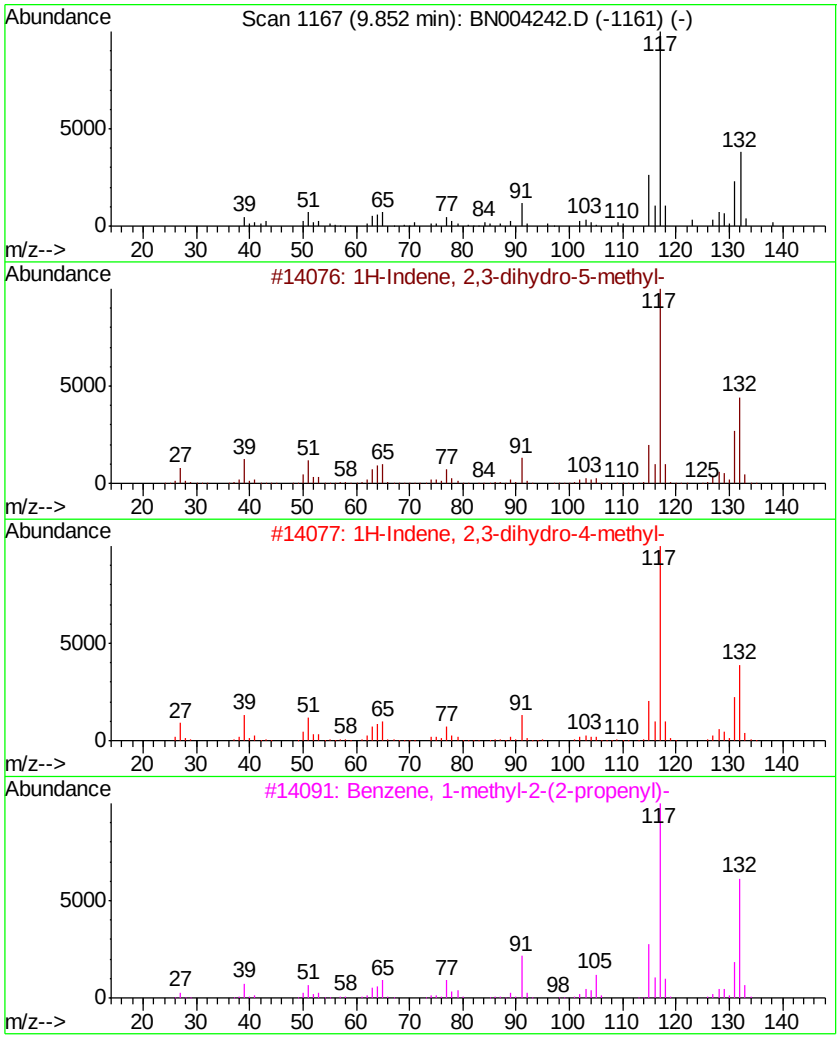
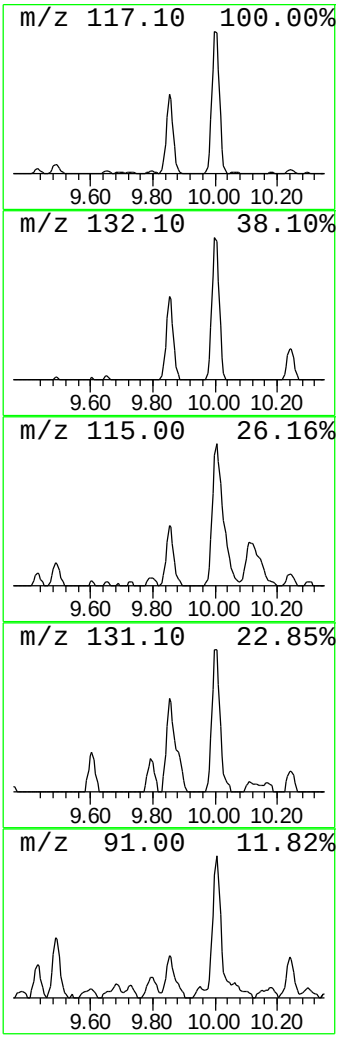
Peak Number 34 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	12.05 ng/ul	174296	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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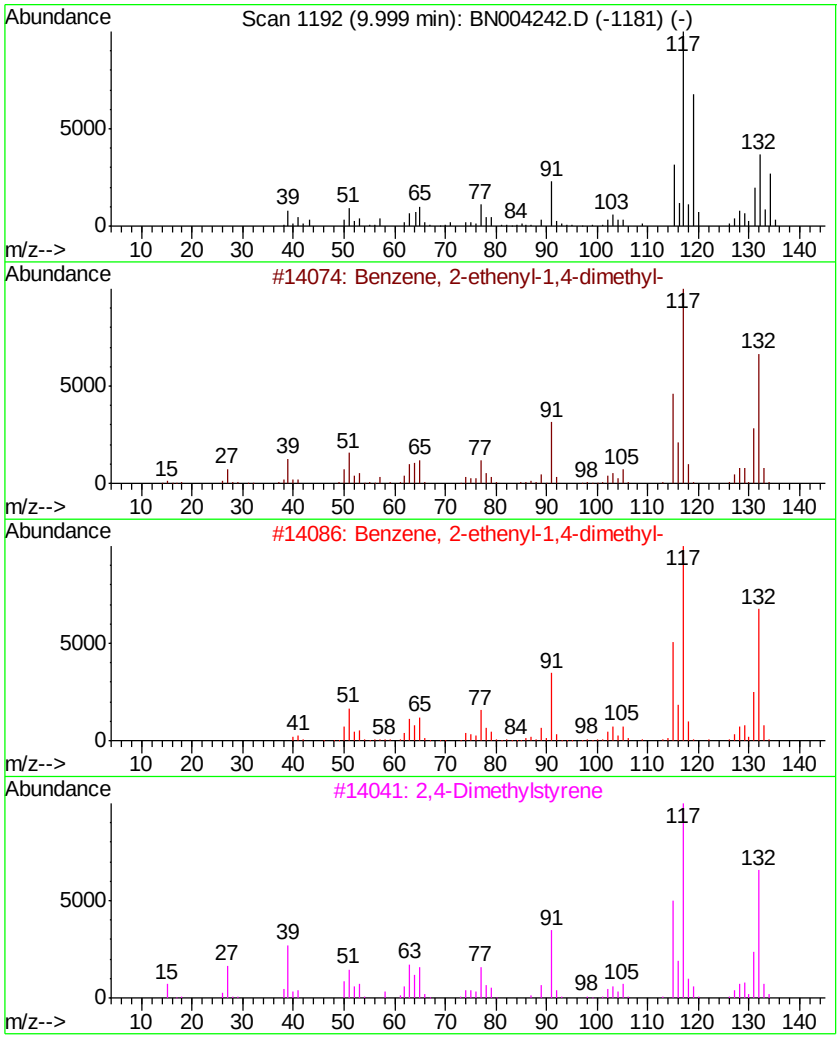
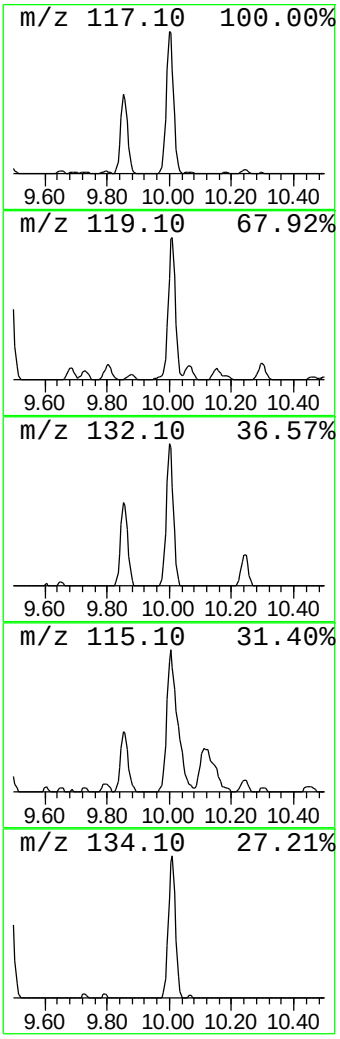
Peak Number 35 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	34.58 ng/ul	500217	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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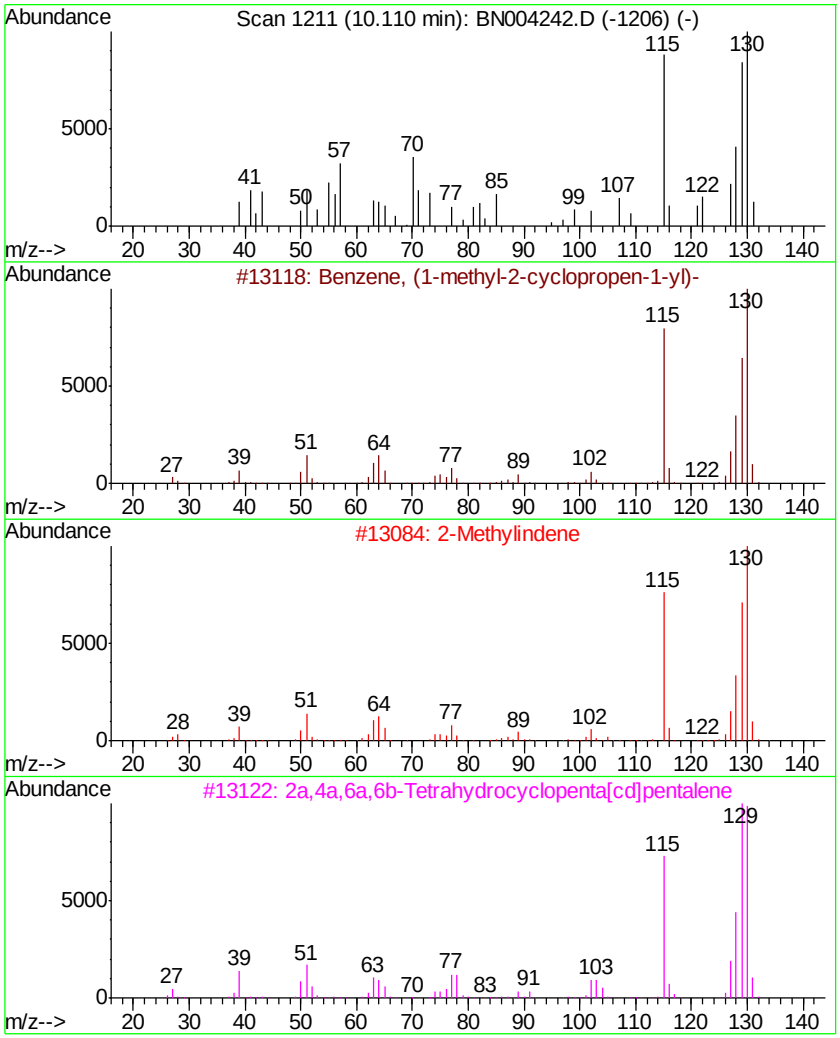
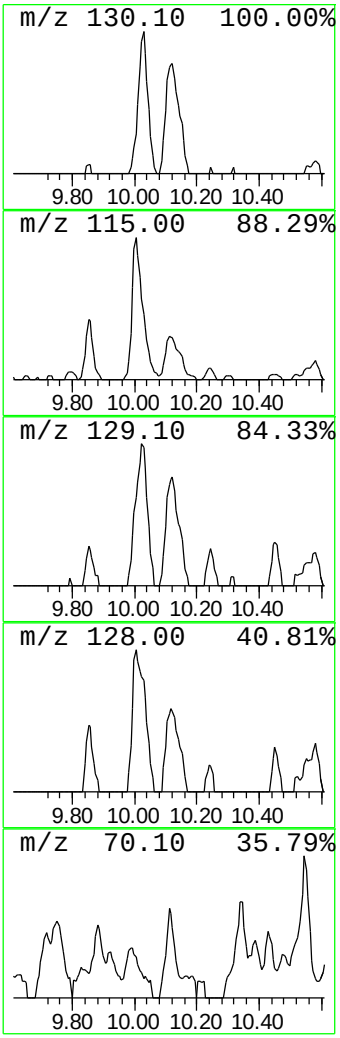
Peak Number 36 Benzene, (1-methyl-2-cyclop... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	4.85 ng/ul	70112	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
2	2-Methylindene	130	C10H10	002177-47-1	93
3	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	93
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	81





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Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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Quant Title : SVOA CALIBRATION

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

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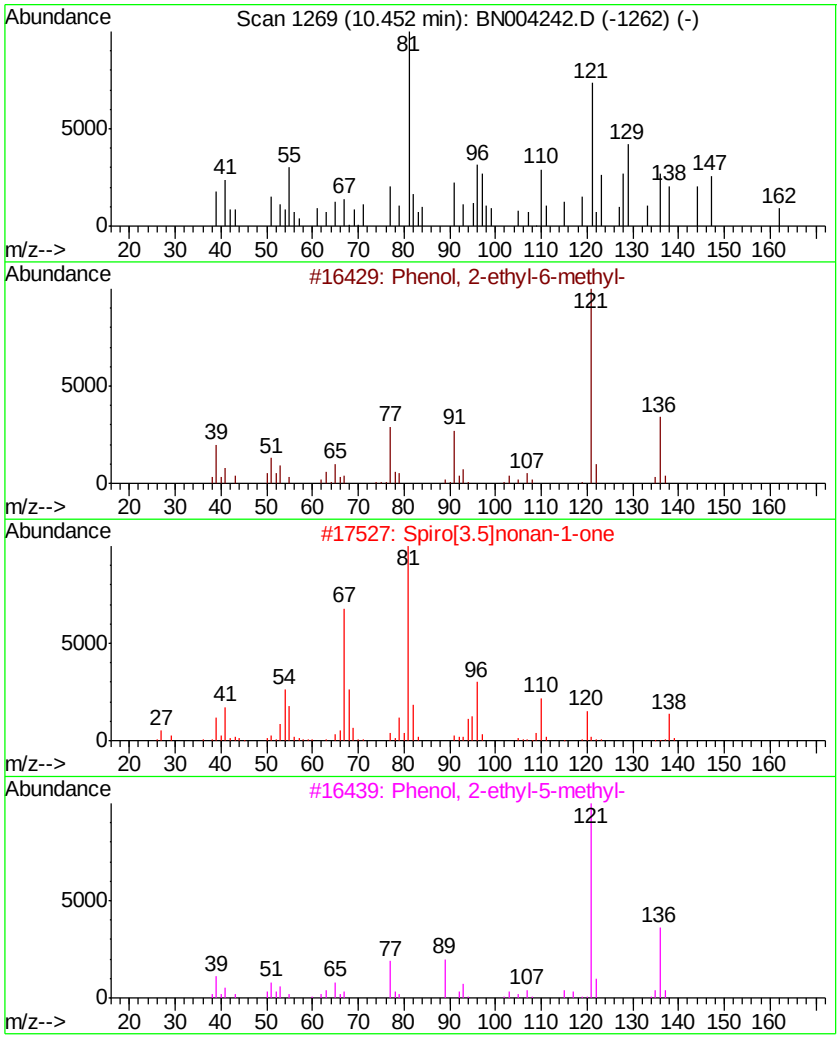
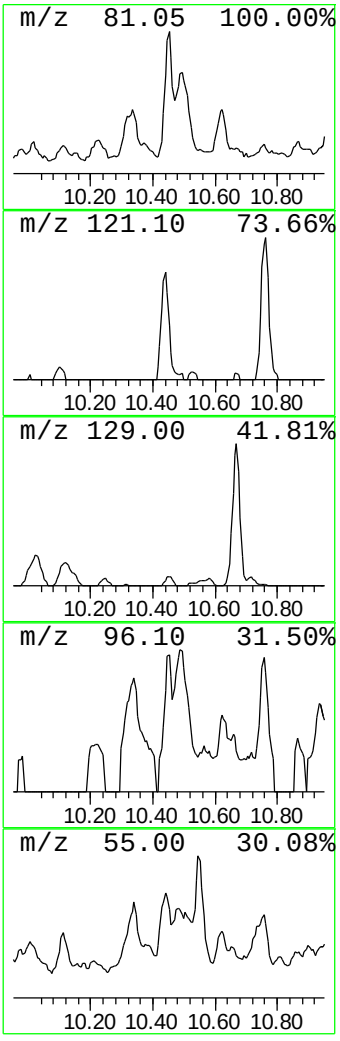
Peak Number 37 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	6.33 ng/ul	91571	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	35
2	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	30
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	20
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	18
5	1,3-Cyclohexadiene, 1,2,6,6-tetr...	136	C10H16	000514-96-5	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

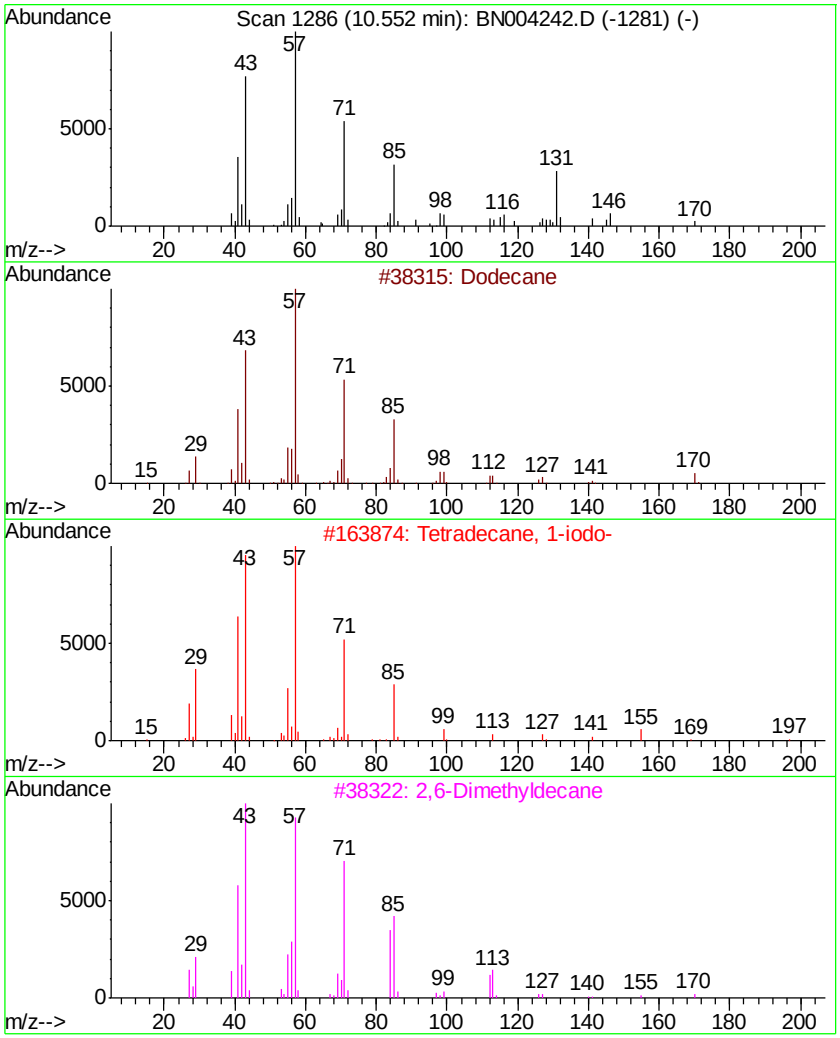
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

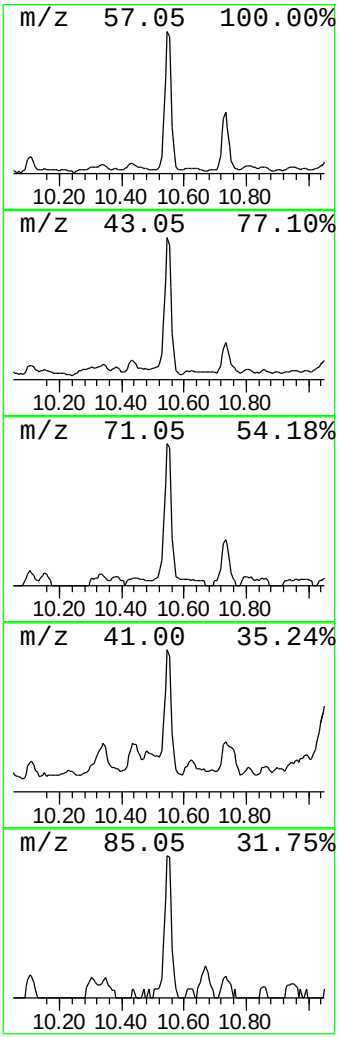
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	6.48 ng/ul	93744	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	52
4	Hexadecane	226	C16H34	000544-76-3	52
5	Tridecane	184	C13H28	000629-50-5	52





Library Search Compound Report

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Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

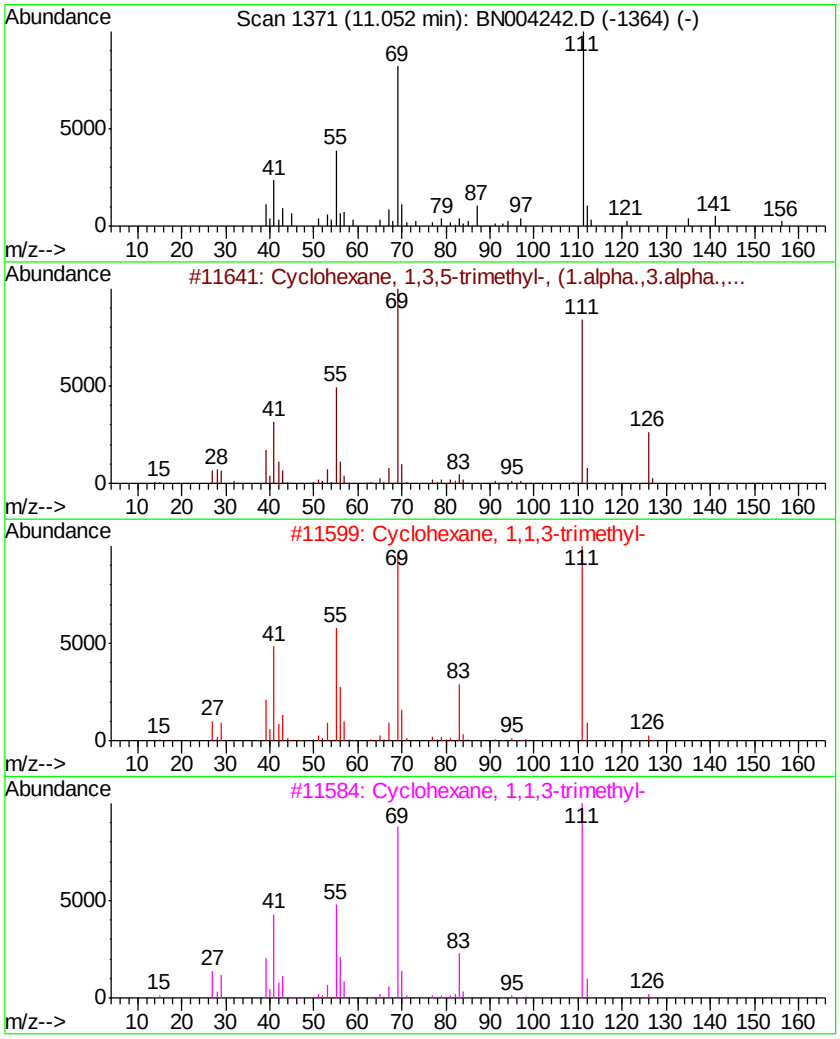
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

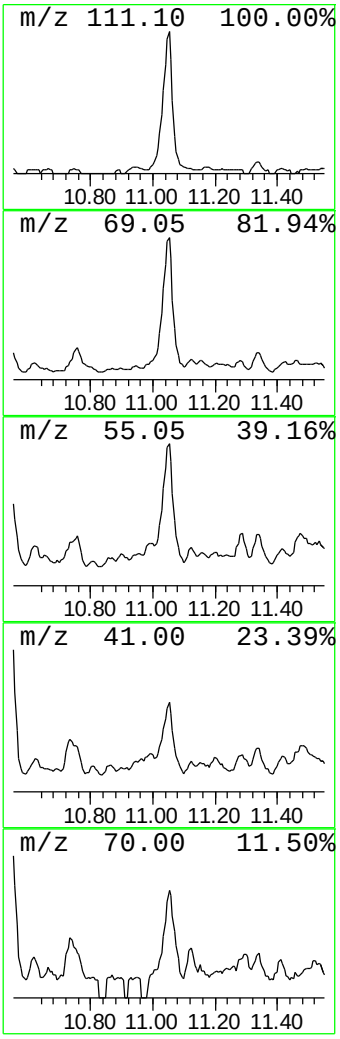
****

Peak Number 39 (DEL) Alkane: Cyclic11.05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	10.00 ng/ul	144677	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	72
5	Cyclooctane, ethyl-	140	C10H20	013152-02-8	64





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Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

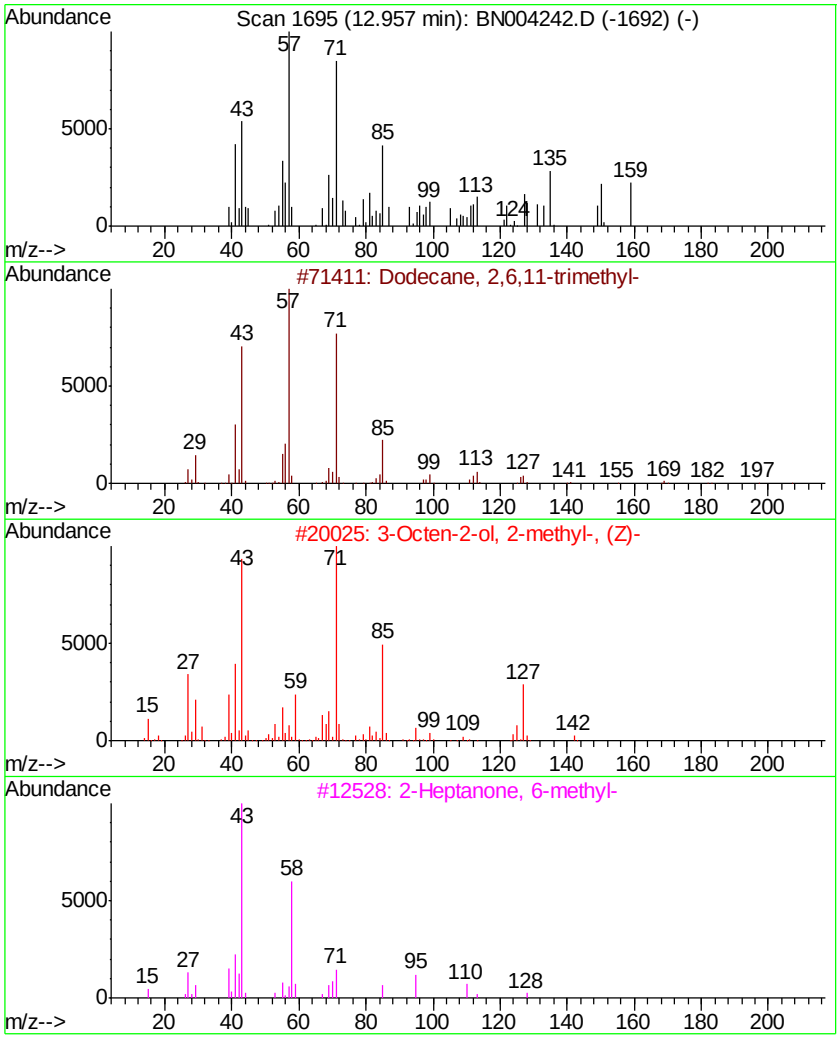
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

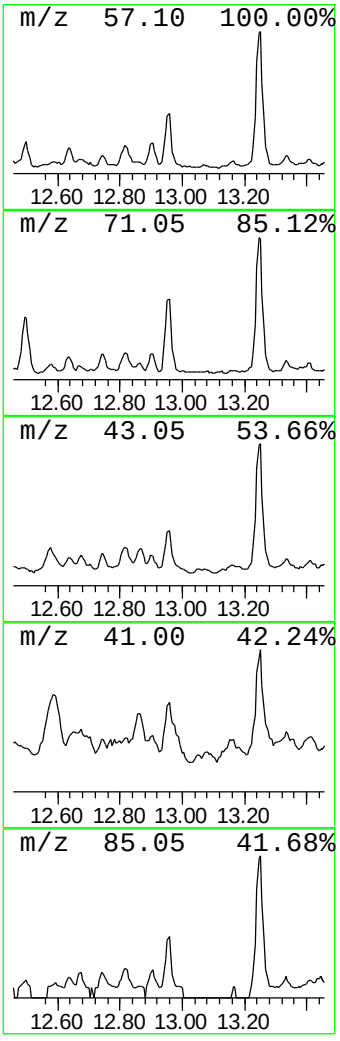
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.66 ng/ul	121820	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
2	3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	43
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	43
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5	Docosane	310	C22H46	000629-97-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

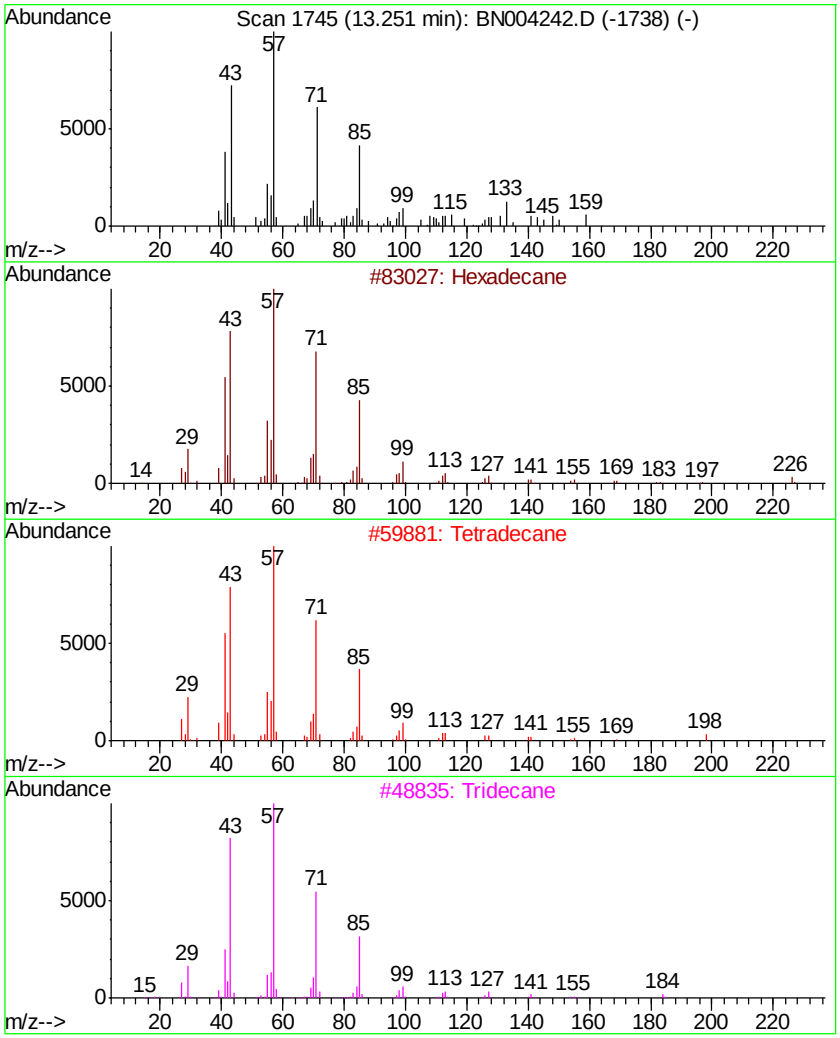
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

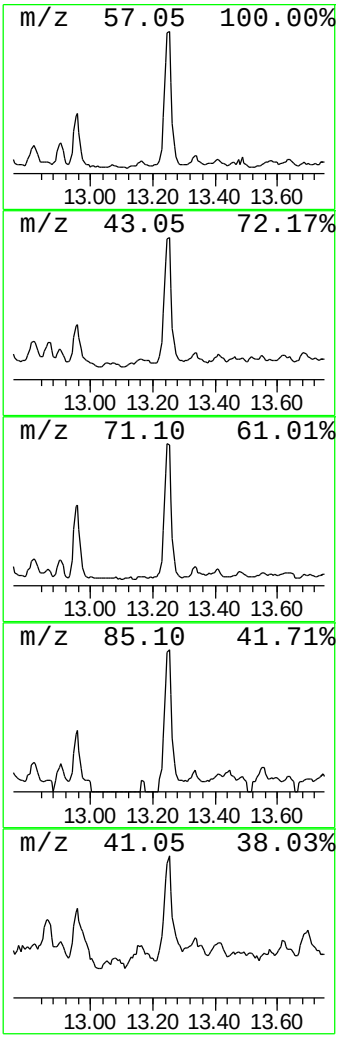
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	7.28 ng/ul	190299	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Tetradecane	198	C14H30	000629-59-4	74
3	Tridecane	184	C13H28	000629-50-5	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

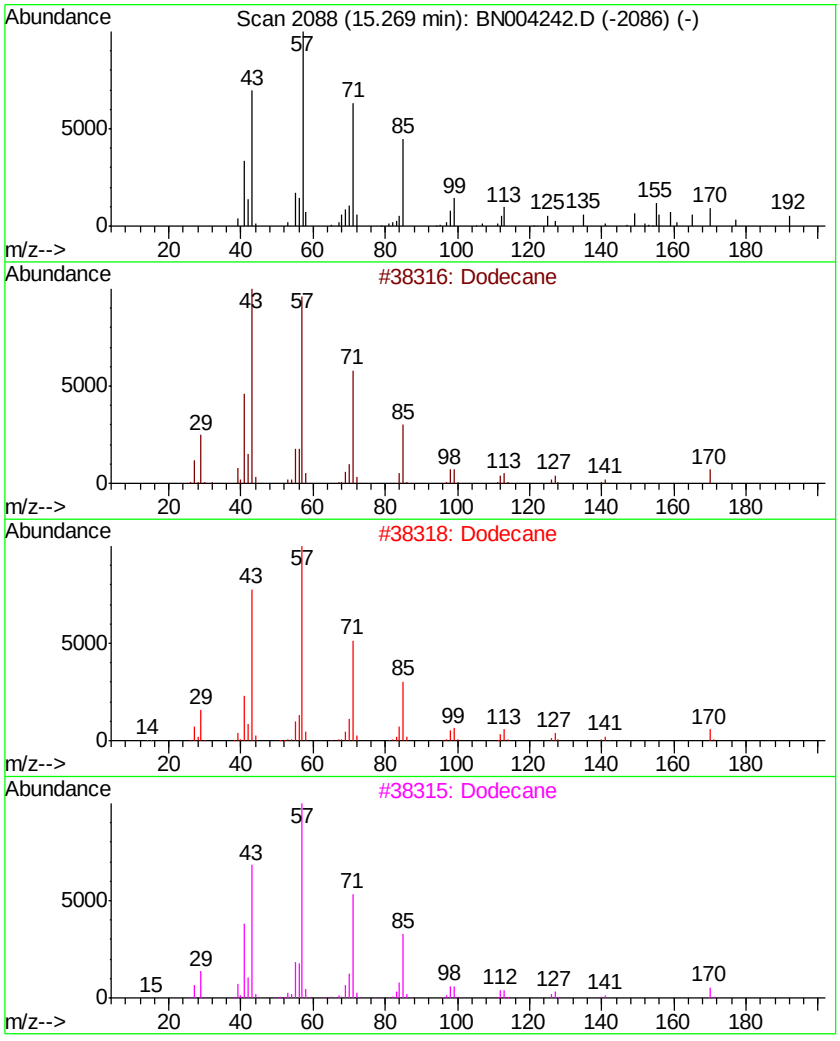
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

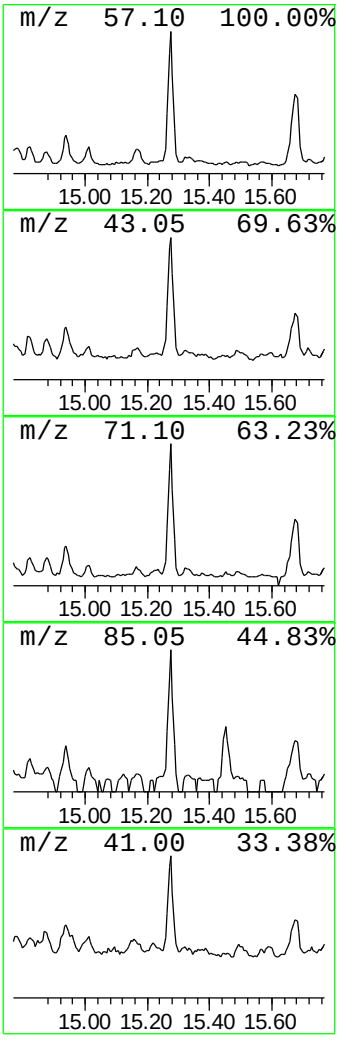
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.41 ng/ul	63043	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	81
2	Dodecane	170	C12H26	000112-40-3	74
3	Dodecane	170	C12H26	000112-40-3	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Tetradecane	198	C14H30	000629-59-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

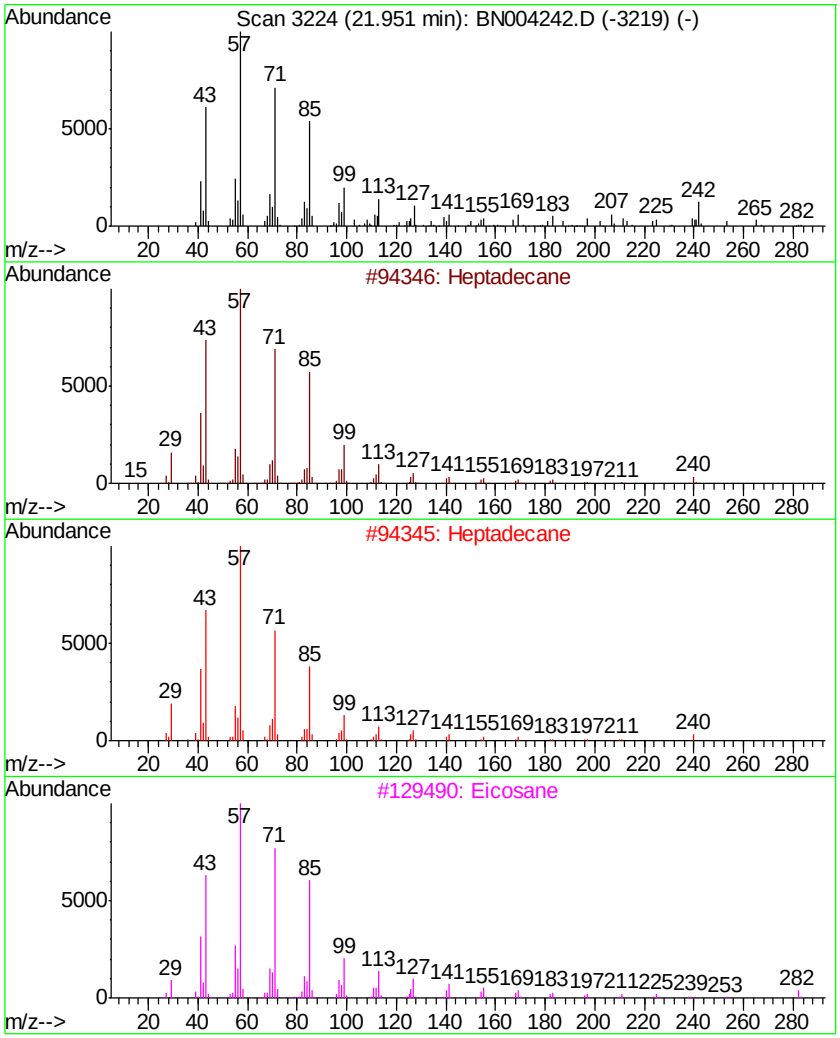
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

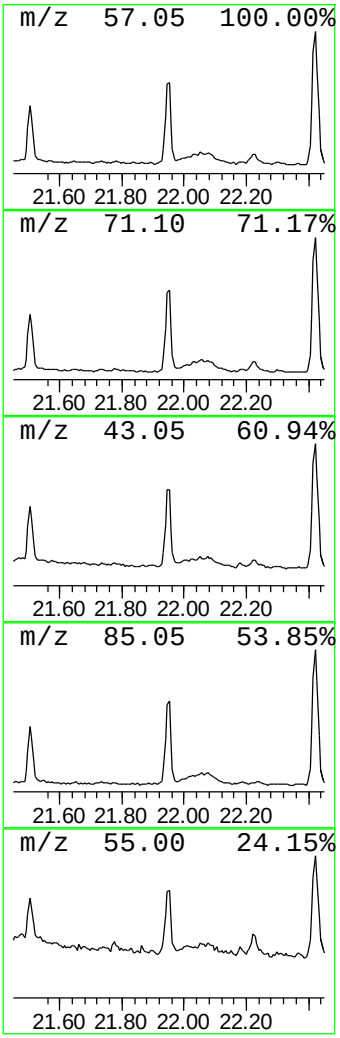
****

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.40 ng/ul	93690	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	98
2	Heptadecane	240	C17H36	000629-78-7	95
3	Eicosane	282	C20H42	000112-95-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	87





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Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

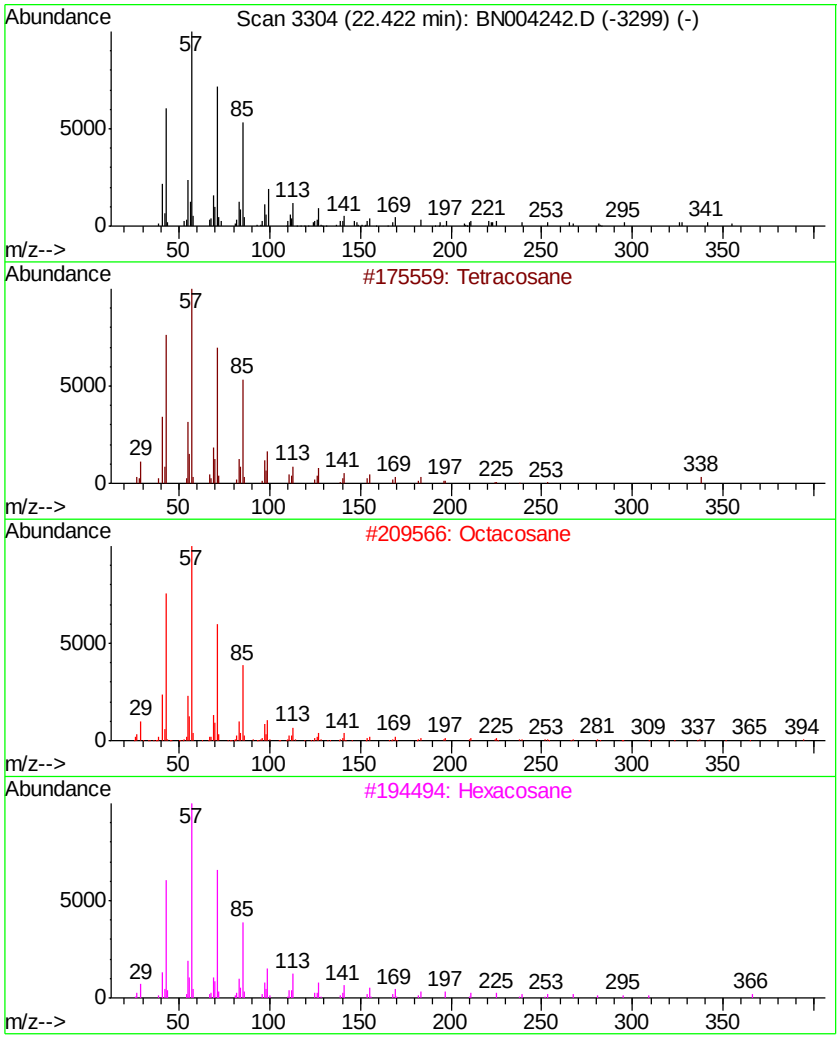
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

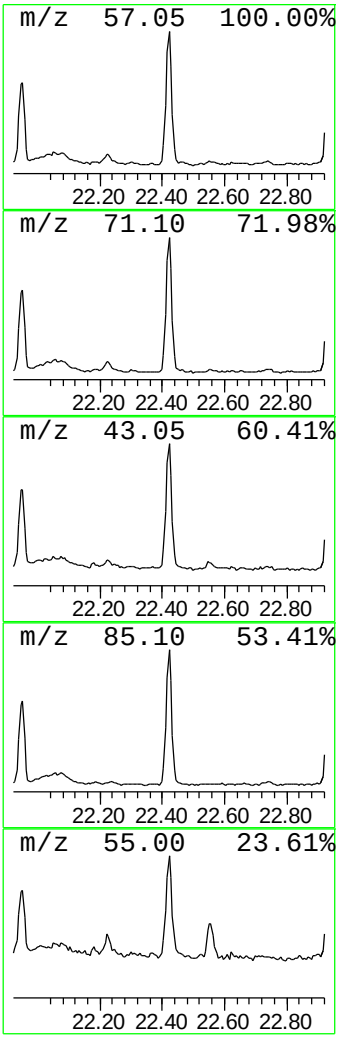
****

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	3.78 ng/ul	147474	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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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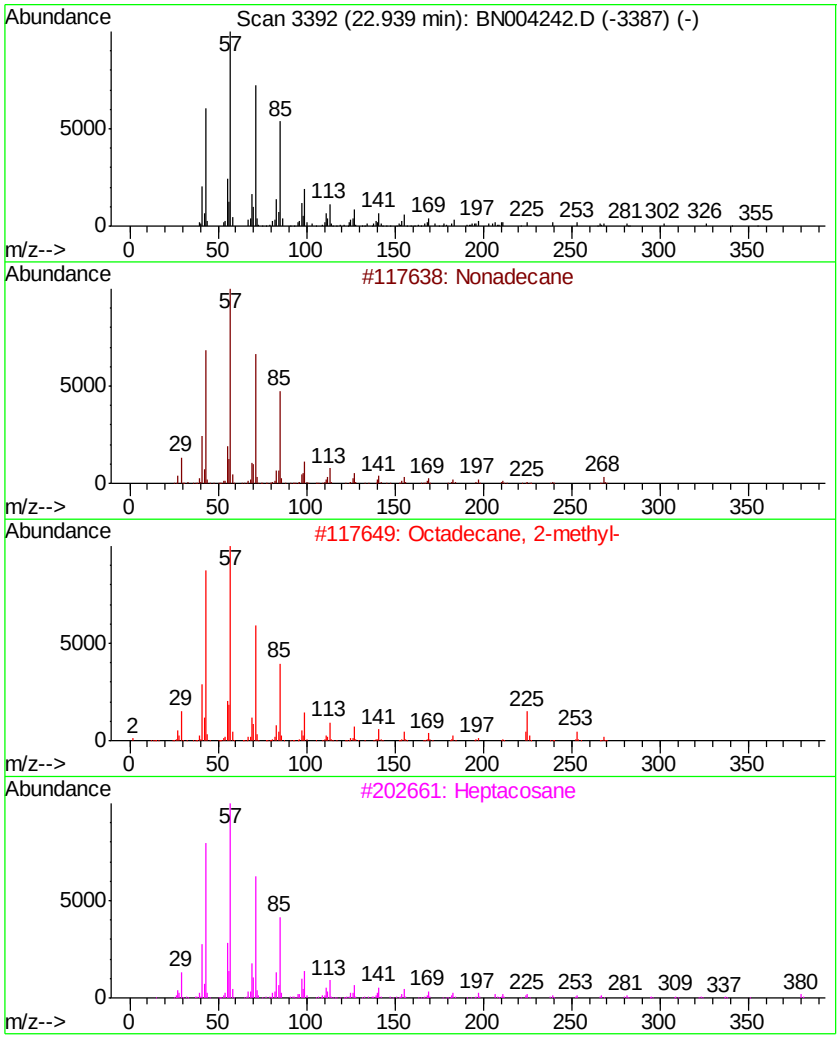
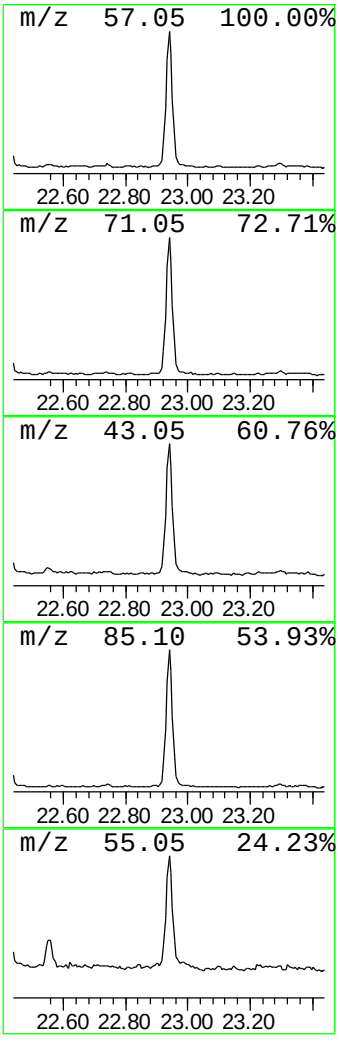
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	5.07 ng/ul	224311	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Octacosane	394	C28H58	000630-02-4	91





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Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

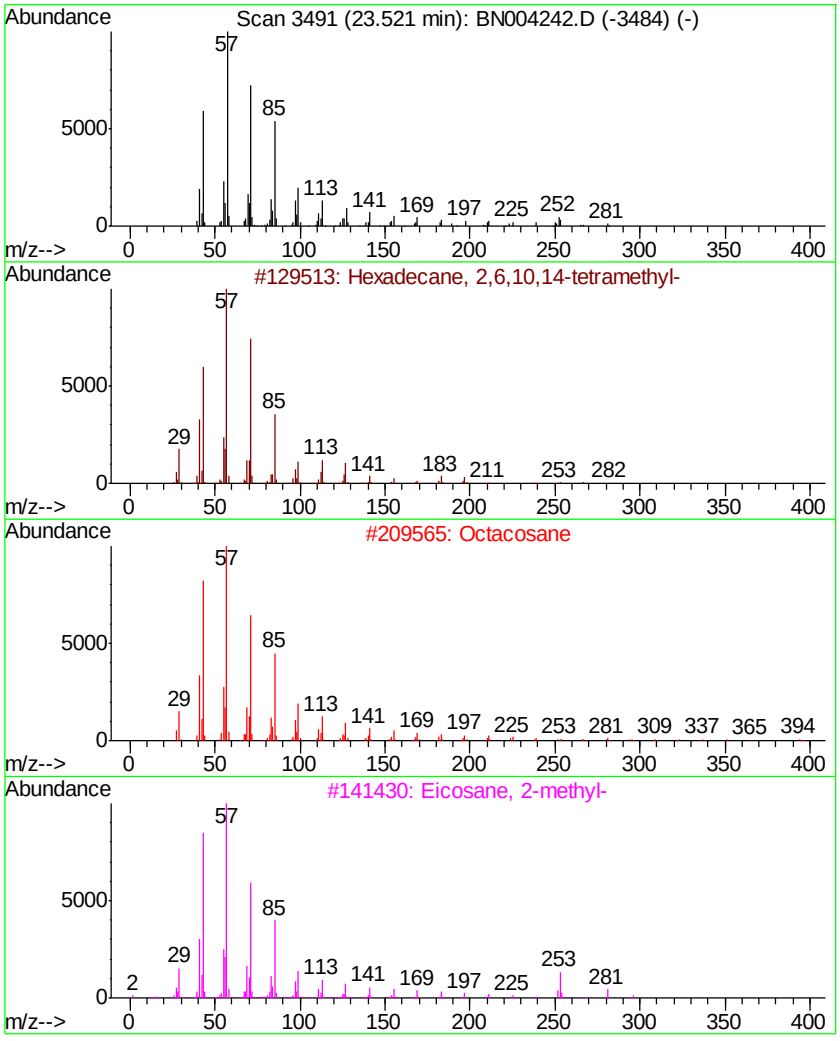
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

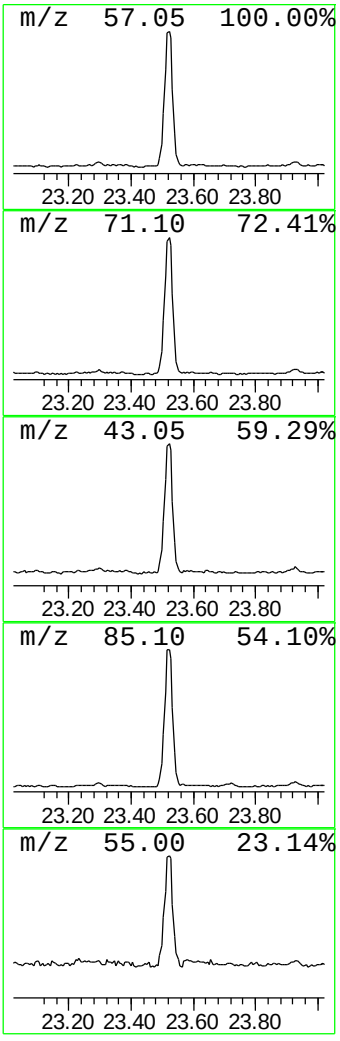
****

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	5.76 ng/ul	255026	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Data File : BN004242.D
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Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

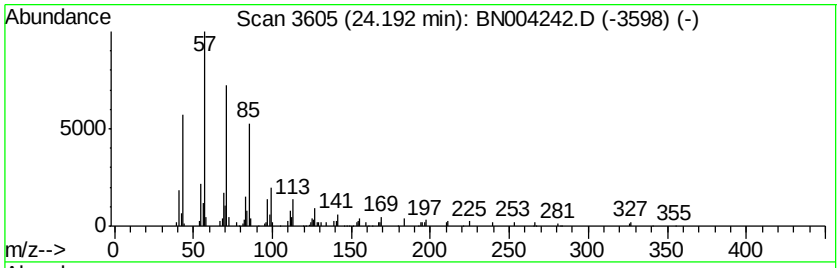
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

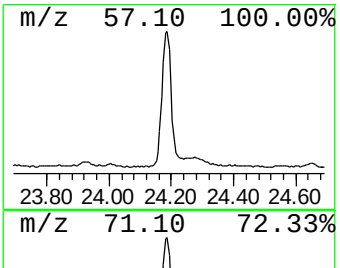
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	5.38 ng/ul	238297	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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

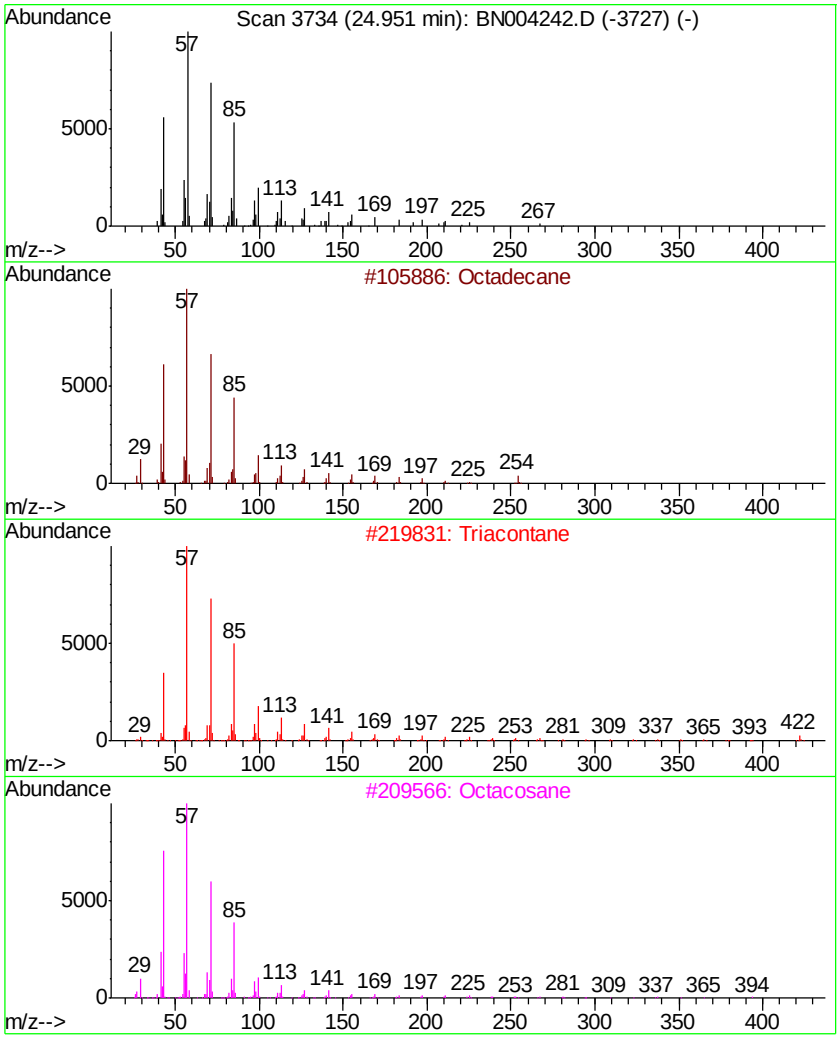
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

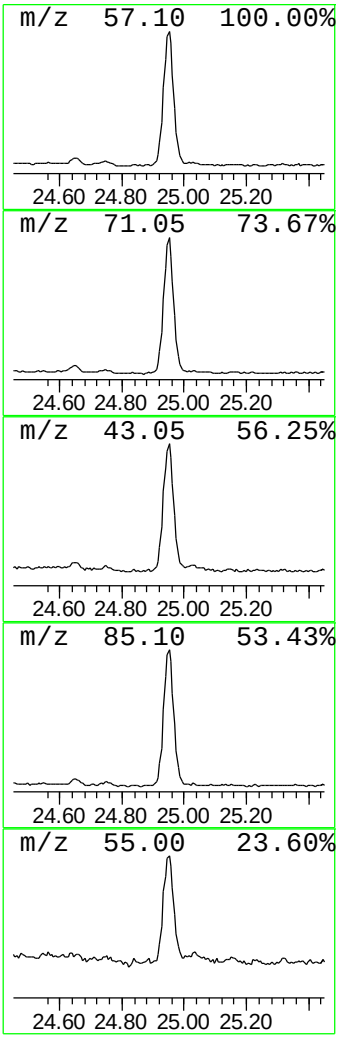
****

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	4.06 ng/ul	179983	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

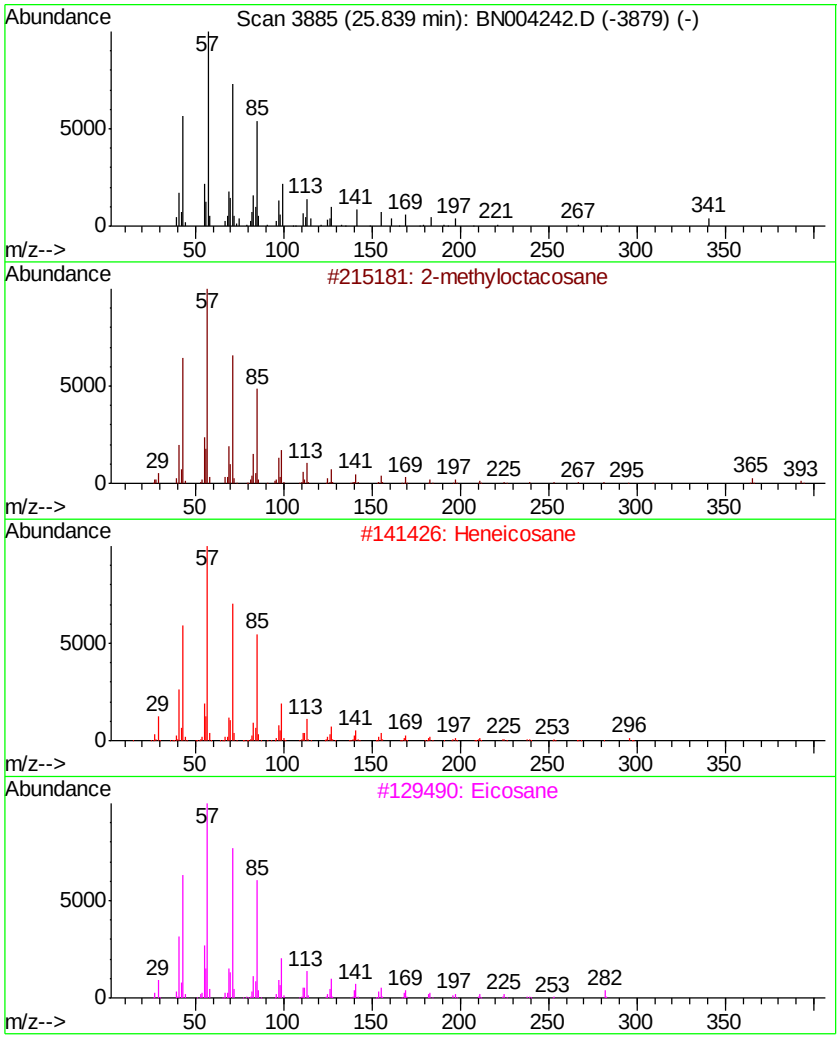
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

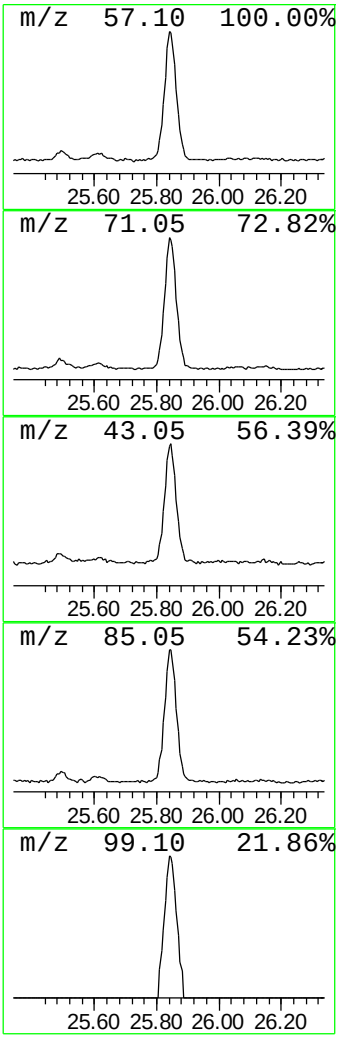
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.92 ng/ul	129221	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004242.D
Acq On : 27 Dec 2018 15:56
Operator : JU/SJ
Sample : J6489-12DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55DL

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
Ethylidenecyclobu...	3.08	9.0	ng/ul	104029	1	7.82	230095	20.0
(DEL) Alkane: Cyc...	3.53	13.8	ng/ul	158661	1	7.82	230095	20.0
(DEL) Alkane: Str...	3.90	8.3	ng/ul	95567	1	7.82	230095	20.0
(DEL) Alkane: Cyc...	4.18	5.7	ng/ul	65881	1	7.82	230095	20.0
Cyclopentanol, 1-...	4.31	13.4	ng/ul	153572	1	7.82	230095	20.0
Oxalic acid, isoh...	4.34	16.0	ng/ul	184551	1	7.82	230095	20.0
1,3-Dimethylcyclo...	5.02	12.8	ng/ul	146632	1	7.82	230095	20.0
(DEL) Alkane: Cyc...	5.68	6.5	ng/ul	74792	1	7.82	230095	20.0
Benzene, (1-methy...	6.30	10.7	ng/ul	122806	1	7.82	230095	20.0
(DEL) Alkane: Cyc...	6.43	8.2	ng/ul	94856	1	7.82	230095	20.0
Benzene, propyl-	6.79	14.2	ng/ul	162872	1	7.82	230095	20.0
Benzene, 1-ethyl-...	6.89	37.9	ng/ul	436138	1	7.82	230095	20.0
(DEL) Alkane: Cyc...	7.28	6.0	ng/ul	68861	1	7.82	230095	20.0
(DEL) Alkane: Str...	7.41	16.6	ng/ul	191526	1	7.82	230095	20.0
(DEL) Alkane: Str...	7.76	6.0	ng/ul	68535	1	7.82	230095	20.0
Benzene, 1,2,3-tr...	7.92	39.3	ng/ul	451732	1	7.82	230095	20.0
Indane	8.19	46.4	ng/ul	533823	1	7.82	230095	20.0
Benzene, 1,3-diet...	8.29	7.2	ng/ul	82232	1	7.82	230095	20.0
Benzene, 1-propynyl-	8.35	20.4	ng/ul	234548	1	7.82	230095	20.0
Benzene, 2-ethyl-...	8.75	6.5	ng/ul	75027	1	7.82	230095	20.0
Benzene, 1-methyl...	8.80	7.6	ng/ul	87574	1	7.82	230095	20.0
Benzene, 2-ethyl-...	9.24	6.3	ng/ul	91920	2	10.62	289342	20.0
Benzene, 1,2,4,5-...	9.43	5.2	ng/ul	75109	2	10.62	289342	20.0
2,4-Diaminophenol	9.58	4.7	ng/ul	67883	2	10.62	289342	20.0
1H-Indene, 2,3-di...	9.85	12.1	ng/ul	174296	2	10.62	289342	20.0
Benzene, 2-etheny...	10.00	34.6	ng/ul	500217	2	10.62	289342	20.0
Benzene, (1-methy...	10.11	4.8	ng/ul	70112	2	10.62	289342	20.0
unknown-01	10.45	6.3	ng/ul	91571	2	10.62	289342	20.0
(DEL) Alkane: Str...	10.55	6.5	ng/ul	93744	2	10.62	289342	20.0
(DEL) Alkane: Cyc...	11.05	10.0	ng/ul	144677	2	10.62	289342	20.0
(DEL) Alkane: Str...	12.96	4.7	ng/ul	121820	3	14.46	522943	20.0
(DEL) Alkane: Str...	13.25	7.3	ng/ul	190299	3	14.46	522943	20.0
(DEL) Alkane: Str...	15.27	2.4	ng/ul	63043	3	14.46	522943	20.0
(DEL) Alkane: Str...	21.95	2.4	ng/ul	93690	5	21.40	780182	20.0
(DEL) Alkane: Str...	22.42	3.8	ng/ul	147474	5	21.40	780182	20.0
(DEL) Alkane: Str...	22.94	5.1	ng/ul	224311	6	23.72	885698	20.0
(DEL) Alkane: Str...	23.52	5.8	ng/ul	255026	6	23.72	885698	20.0
(DEL) Alkane: Str...	24.19	5.4	ng/ul	238297	6	23.72	885698	20.0
(DEL) Alkane: Str...	24.95	4.1	ng/ul	179983	6	23.72	885698	20.0
(DEL) Alkane: Str...	25.84	2.9	ng/ul	129221	6	23.72	885698	20.0