LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023133.D
Acq On : 11 Oct 2019 17:08
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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	3.252	42	45	52	rBV	28377	36950	0.90%	0.081%
2	3.764	129	132	139	rVB	22088	30743	0.75%	0.067%
3	3.887	149	153	160	rVB	20842	35818	0.87%	0.078%
4	3.981	164	169	175	rVV	225901	295623	7.19%	0.648%
5	4.275	215	219	223	rBV	16635	26595	0.65%	0.058%
6	4.340	225	230	237	rVB3	18758	40810	0.99%	0.089%
7	5.293	387	392	400	rVV	141085	205263	4.99%	0.450%
8	5.422	409	414	430	rVB	179393	397052	9.66%	0.870%
9	5.769	467	473	474	rBV	52009	72640	1.77%	0.159%
10	5.793	474	477	482	rVV2	85775	129631	3.15%	0.284%
11	6.752	633	640	649	rBV	60950	113990	2.77%	0.250%
12	6.863	649	659	663	rVV	86646	147587	3.59%	0.323%
13	6.940	663	672	687	rVB3	457314	1067007	25.96%	2.337%
14	7.099	693	699	706	rBV	371043	606971	14.77%	1.330%
15	7.163	706	710	715	rVB	29914	46216	1.12%	0.101%
16	7.257	720	726	728	rVV3	19090	31556	0.77%	0.069%
17	7.305	728	734	743	rVB	510800	821530	19.99%	1.799%
18	7.416	743	753	758	rBV2	104250	211135	5.14%	0.462%
19	7.769	805	813	819	rBV	646575	1023475	24.90%	2.242%
20	7.834	819	824	829	rVV	73973	122516	2.98%	0.268%
21	7.905	829	836	841	rVB2	32319	82658	2.01%	0.181%
22	7.993	846	851	860	rVV2	42783	76872	1.87%	0.168%
23	8.140	871	876	882	rVB	20107	33322	0.81%	0.073%
24	8.316	900	906	912	rVV2	29476	45489	1.11%	0.100%
25	8.410	917	922	927	rBV2	42748	70751	1.72%	0.155%
26	8.475	927	933	940	rVV	344434	550811	13.40%	1.207%
27	8.593	947	953	960	rVB	75786	133505	3.25%	0.292%
28	8.869	993	1000	1003	rBV3	32873	58904	1.43%	0.129%
29	8.922	1003	1009	1017	rVV	452054	777339	18.91%	1.703%
30	8.999	1018	1022	1026	rVV	44026	64900	1.58%	0.142%
31	9.087	1033	1037	1050	rVV3	26760	52008	1.27%	0.114%
32	9.451	1095	1099	1107	rVB3	15371	27205	0.66%	0.060%
33	9.640	1122	1131	1138	rBV	387090	644624	15.68%	1.412%
34	9.804	1155	1159	1164	rVV2	18978	32011	0.78%	0.070%

LSC Area Percent Report

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Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

35	9.963	1181	1186	1189	rBV2	24176	44567	1.08%	0.098%
36	10.181	1214	1223	1231	rVB	537217	920890	22.40%	2.017%
37	10.263	1231	1237	1243	rBV2	19933	34689	0.84%	0.076%
38	10.481	1267	1274	1278	rBV	20914	32677	0.79%	0.072%
39	10.557	1278	1287	1292	rVV	813345	1450789	35.29%	3.178%
40	10.604	1292	1295	1301	rVV	140411	212505	5.17%	0.465%
41	10.693	1301	1310	1320	rVV2	61698	158901	3.87%	0.348%
42	11.204	1391	1397	1406	rBV	79918	151355	3.68%	0.332%
43	11.534	1449	1453	1457	rVV6	17089	31318	0.76%	0.069%
44	11.592	1459	1463	1471	rVV6	12980	29341	0.71%	0.064%
45	11.987	1525	1530	1537	rVB	59148	84764	2.06%	0.186%
46	12.187	1559	1564	1565	rVV2	39698	58464	1.42%	0.128%
47	12.222	1565	1570	1578	rVB	135226	229301	5.58%	0.502%
48	12.440	1601	1607	1614	rBV	66503	105150	2.56%	0.230%
49	12.739	1652	1658	1666	rBV2	61924	133096	3.24%	0.292%
50	12.898	1681	1685	1691	rBV5	14288	34486	0.84%	0.076%
51	13.198	1731	1736	1738	rBV2	28171	41259	1.00%	0.090%
52	13.234	1738	1742	1747	rVV	171130	245600	5.97%	0.538%
53	13.328	1754	1758	1762	rVB4	21145	31715	0.77%	0.069%
54	13.434	1772	1776	1779	rBV	23002	32810	0.80%	0.072%
55	13.504	1784	1788	1792	rBV2	22898	34789	0.85%	0.076%
56	13.581	1792	1801	1808	rVV2	40814	105068	2.56%	0.230%
57	13.728	1821	1826	1831	rBV3	45384	84280	2.05%	0.185%
58	13.781	1831	1835	1836	rVV	49592	61623	1.50%	0.135%
59	13.816	1836	1841	1845	rVV	949416	1277035	31.07%	2.797%
60	13.863	1845	1849	1853	rVB	381991	514504	12.52%	1.127%
61	13.939	1858	1862	1871	rVB4	48617	91391	2.22%	0.200%
62	14.098	1879	1889	1901	rBV	1189450	1809939	44.03%	3.965%
63	14.316	1921	1926	1932	rBV	95610	142678	3.47%	0.313%
64	14.404	1932	1941	1948	rBV2	1169958	1853466	45.09%	4.060%
65	14.469	1948	1952	1954	rBV4	38632	59586	1.45%	0.131%
66	14.610	1971	1976	1981	rBV	127452	212966	5.18%	0.466%
67	14.757	1997	2001	2005	rBV4	31509	47825	1.16%	0.105%
68	14.822	2007	2012	2016	rVV4	41637	79853	1.94%	0.175%
69	14.881	2017	2022	2026	rVB2	93054	136707	3.33%	0.299%
70	15.075	2052	2055	2058	rVB4	23617	29674	0.72%	0.065%
71	15.263	2084	2087	2091	rVB	73218	87490	2.13%	0.192%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : JLM92

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	15.316	2092	2096	2101	rVV	60343	86127	2.10%	0.189%
73	15.398	2104	2110	2115	rVV	1422508	1981243	48.20%	4.340%
74	15.445	2116	2118	2123	rVV2	35376	46221	1.12%	0.101%
75	15.516	2126	2130	2136	rVB	141803	202060	4.92%	0.443%
76	15.616	2144	2147	2152	rBV5	37045	75540	1.84%	0.165%
77	15.663	2152	2155	2160	rVB2	57996	84138	2.05%	0.184%
78	15.792	2173	2177	2182	rBV2	266333	381493	9.28%	0.836%
79	15.875	2188	2191	2195	rVB2	37319	43050	1.05%	0.094%
80	15.957	2201	2205	2212	rBV3	66193	111029	2.70%	0.243%
81	16.028	2212	2217	2222	rBV	1109265	1575635	38.33%	3.451%
82	16.069	2222	2224	2230	rVB	236155	259321	6.31%	0.568%
83	16.128	2230	2234	2237	rBV2	97093	138976	3.38%	0.304%
84	16.239	2250	2253	2255	rBV2	36309	48612	1.18%	0.106%
85	16.392	2276	2279	2283	rBV	90905	101479	2.47%	0.222%
86	16.551	2304	2306	2310	rVB2	48891	56407	1.37%	0.124%
87	17.045	2386	2390	2394	rBV2	97102	129009	3.14%	0.283%
88	17.145	2402	2407	2412	rBV2	1299379	1831848	44.56%	4.013%
89	17.245	2419	2424	2433	rVB2	1459843	2105044	51.21%	4.611%
90	17.351	2437	2442	2451	rVB2	533230	787851	19.17%	1.726%
91	17.933	2537	2541	2546	rBV	151234	218918	5.33%	0.480%
92	18.051	2558	2561	2568	rVB3	269966	362193	8.81%	0.793%
93	18.551	2643	2646	2650	rVB	250665	291112	7.08%	0.638%
94	19.539	2810	2814	2818	rBV2	1738005	2515698	61.20%	5.510%
95	20.063	2901	2903	2906	rBV3	405079	376815	9.17%	0.825%
96	20.098	2906	2909	2912	rVB	479739	517848	12.60%	1.134%
97	21.051	3068	3071	3080	rVB	2135402	3008765	73.19%	6.590%
98	21.251	3102	3105	3112	rVB	3049646	3528600	85.84%	7.729%
99	21.333	3116	3119	3123	rVB	1585868	1871728	45.53%	4.100%
100	21.939	3217	3222	3232	rVB3	2163370	4110664	100.00%	9.004%

Sum of corrected areas: 45653482

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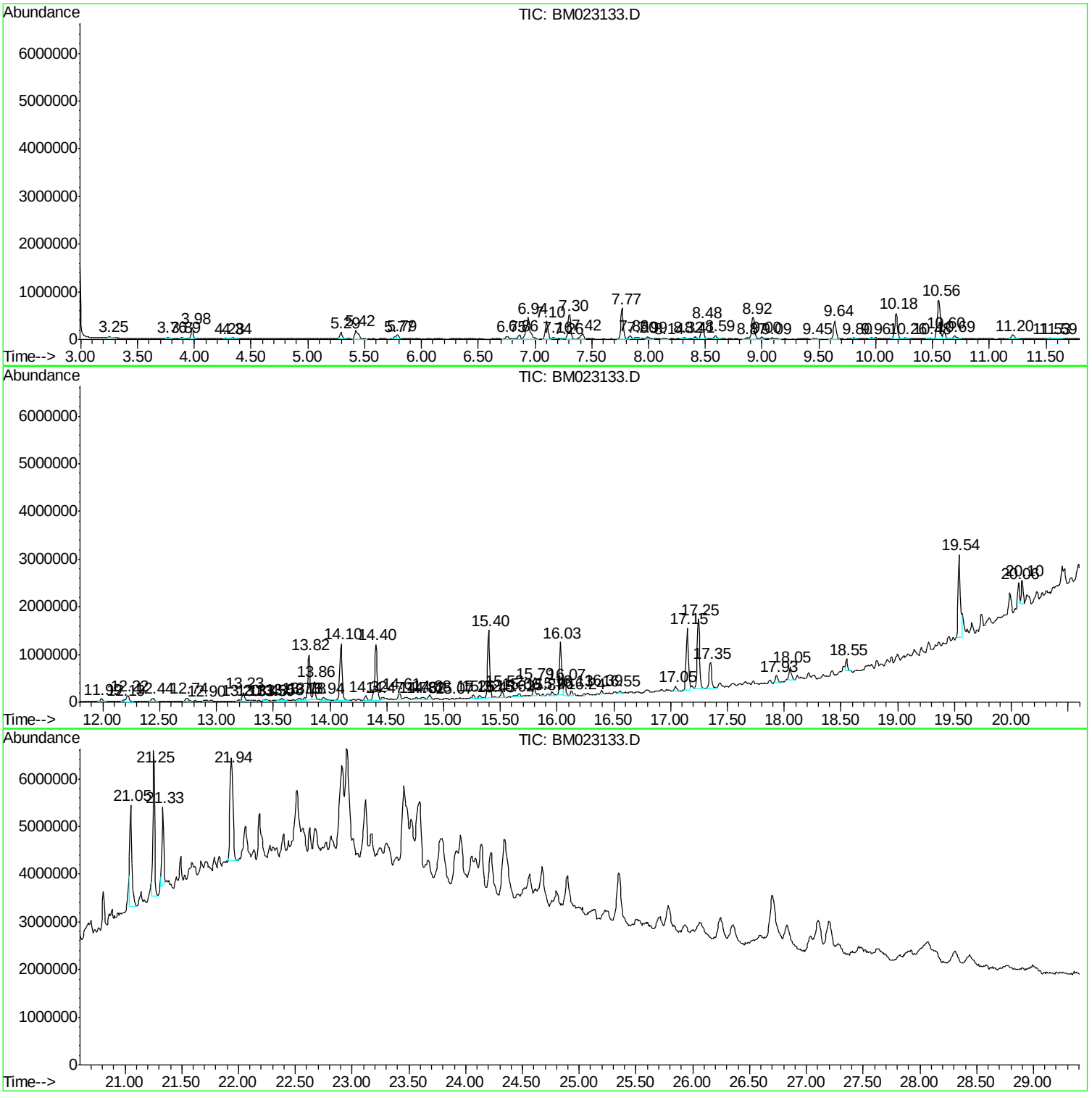
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

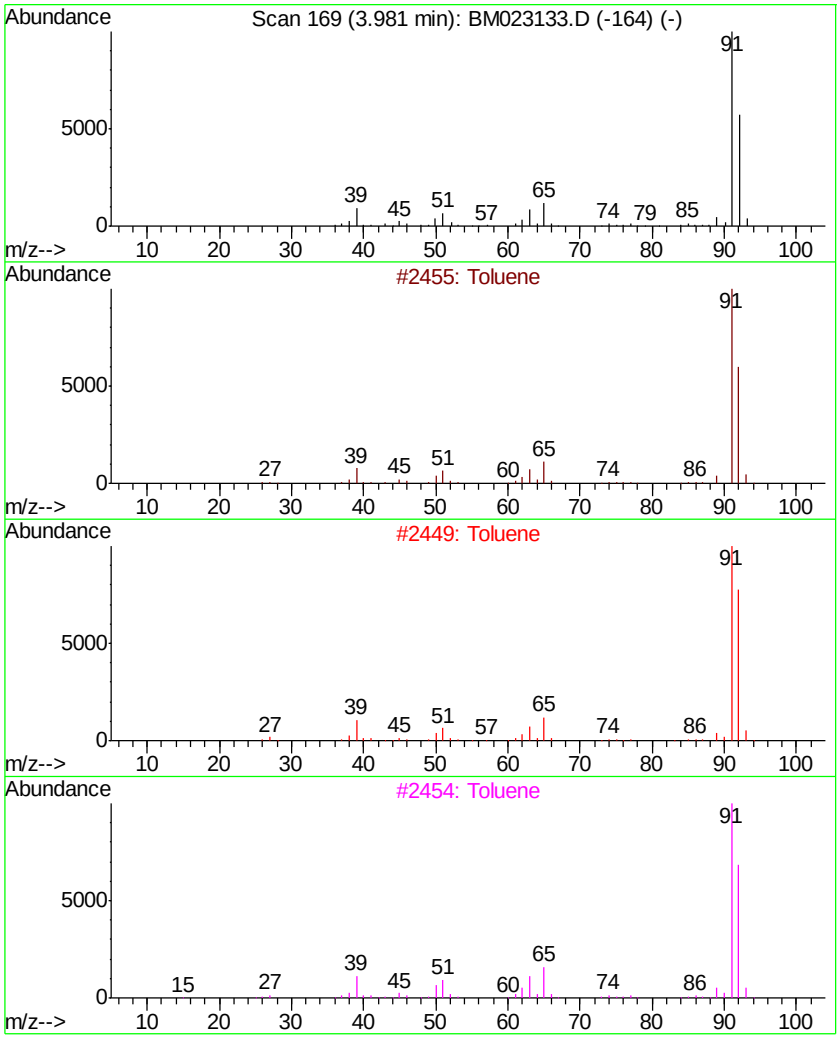
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

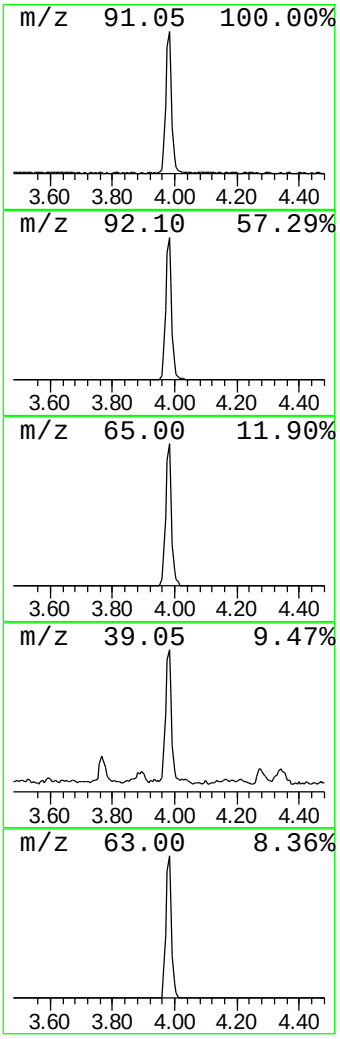
****

Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	5.78 ng/ul	295623	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	93
3	Toluene	92	C7H8	000108-88-3	93
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023133.D
Acq On : 11 Oct 2019 17:08
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

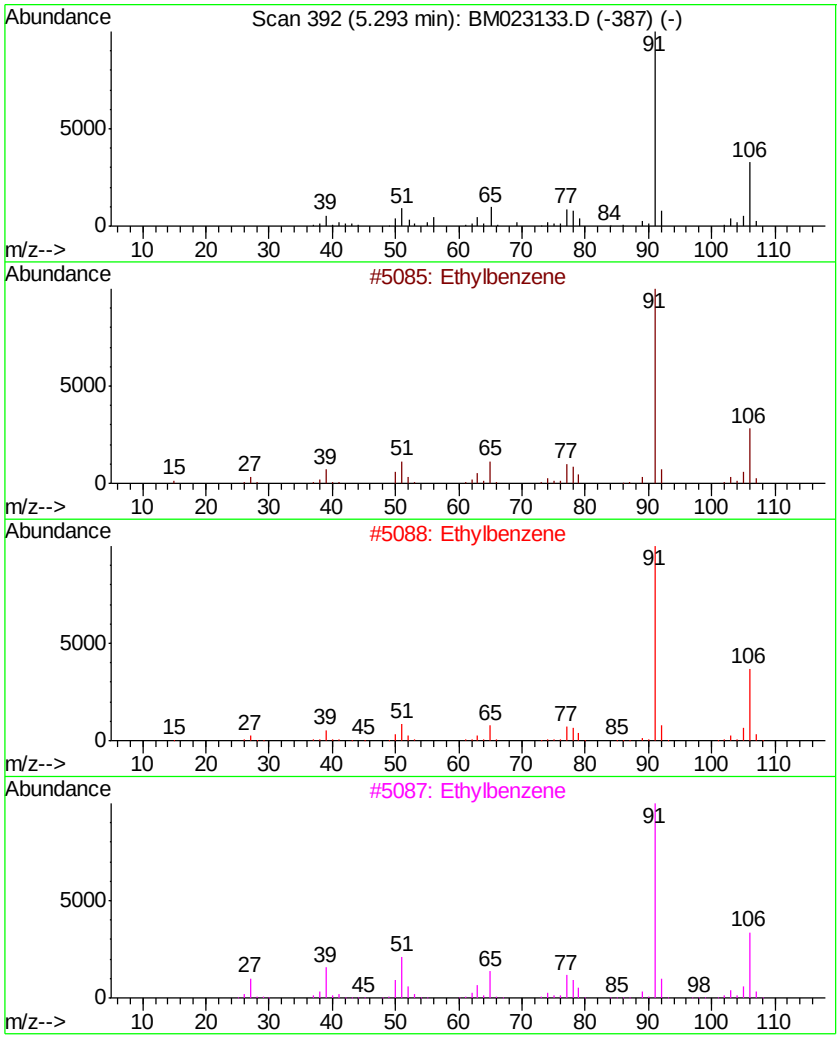
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

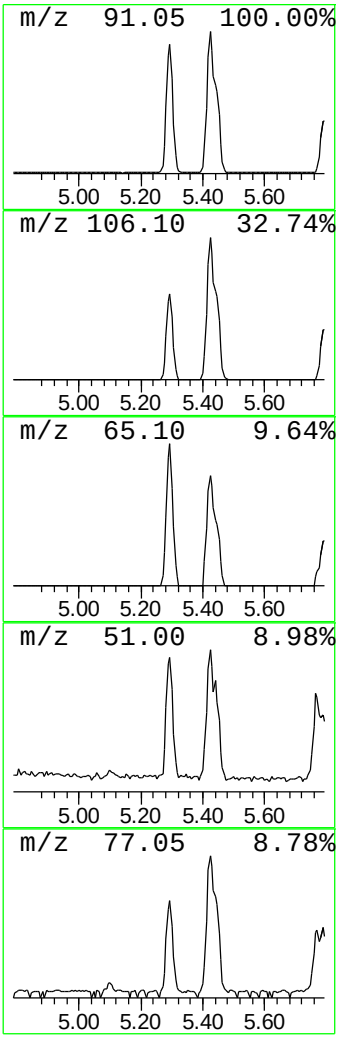
****

Peak Number 2 Ethylbenzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.01 ng/ul	205263	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	90
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	o-Xylene	106	C8H10	000095-47-6	87





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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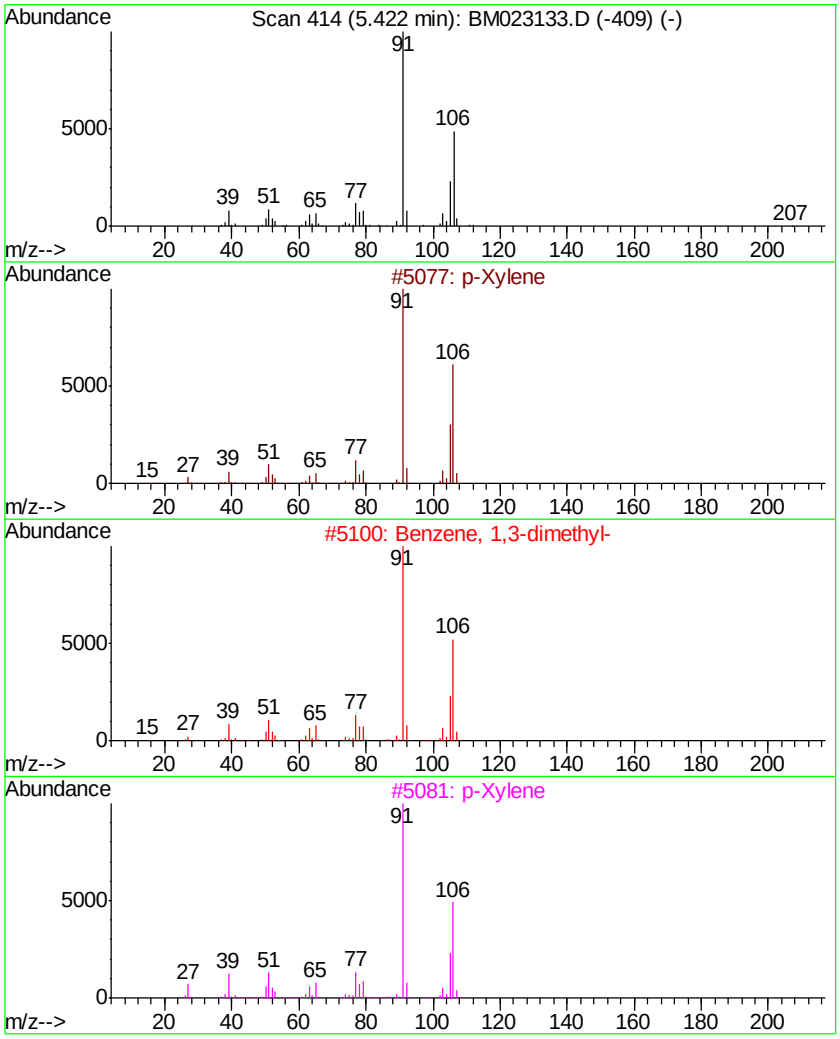
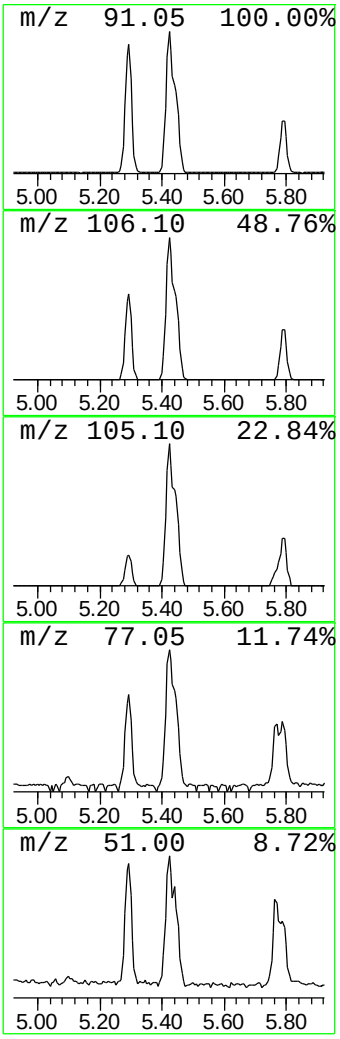
Peak Number 3 p-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	7.76 ng/ul	397052	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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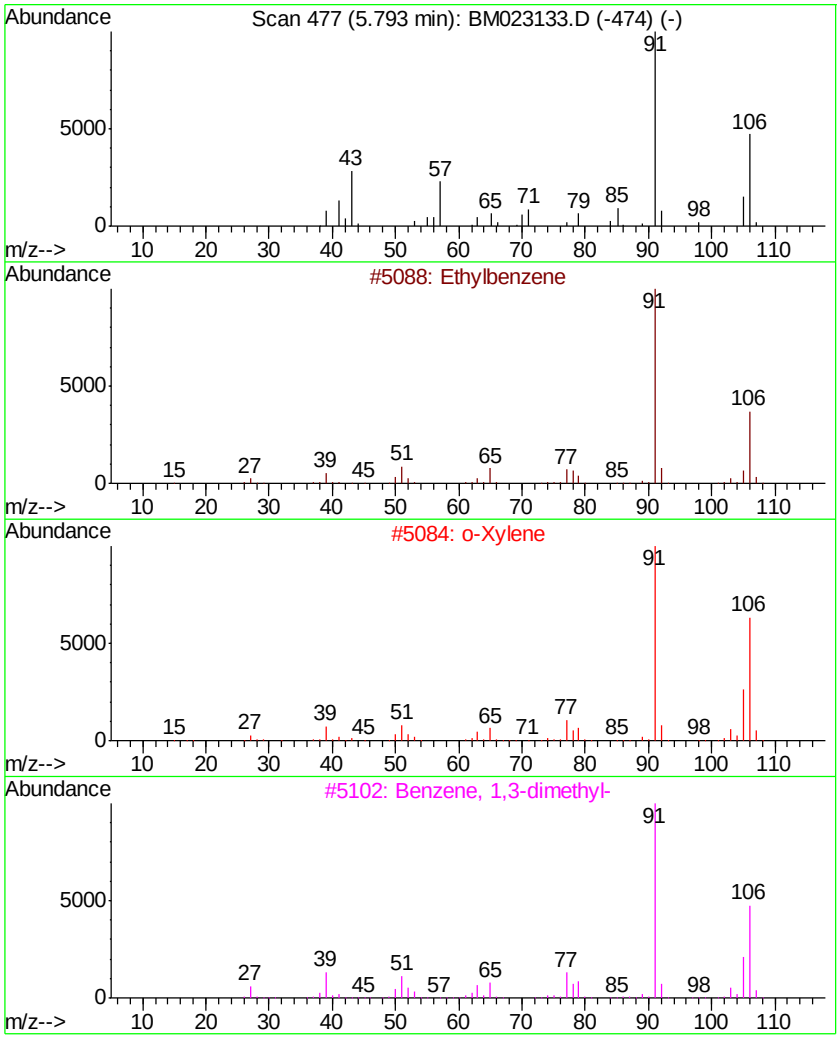
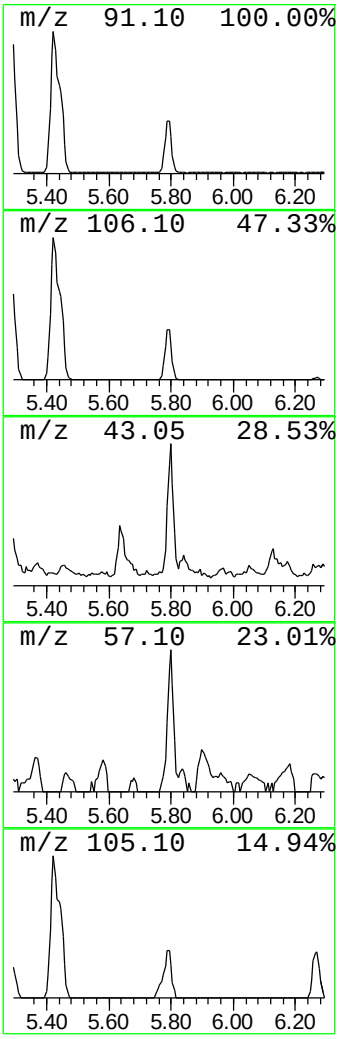
Peak Number 4 o-Xylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	2.53 ng/ul	129631	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	59
2	o-Xylene	106	C8H10	000095-47-6	42
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	42
4	p-Xylene	106	C8H10	000106-42-3	42
5	o-Xylene	106	C8H10	000095-47-6	42





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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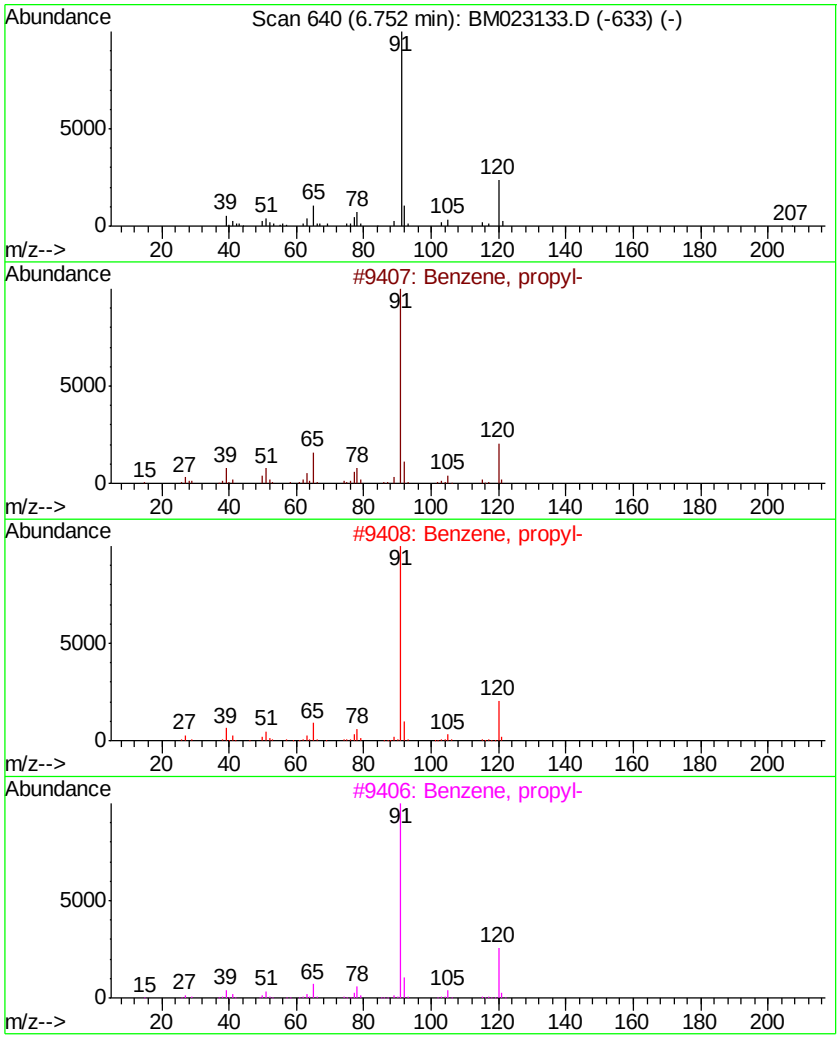
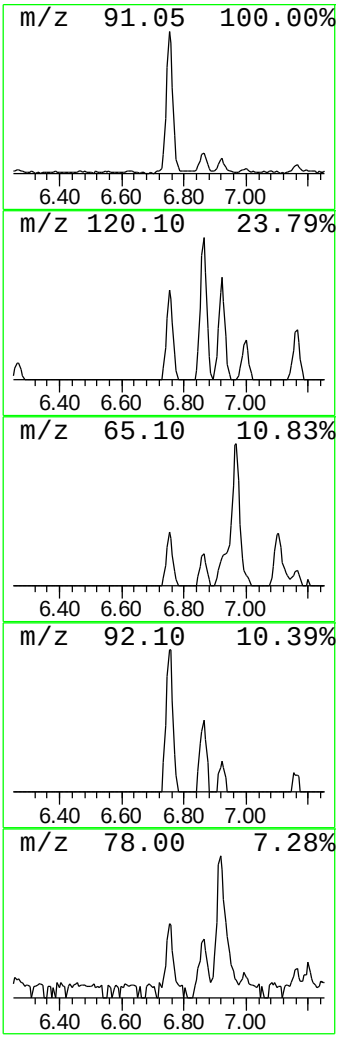
Peak Number 5 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	2.23 ng/ul	113990	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
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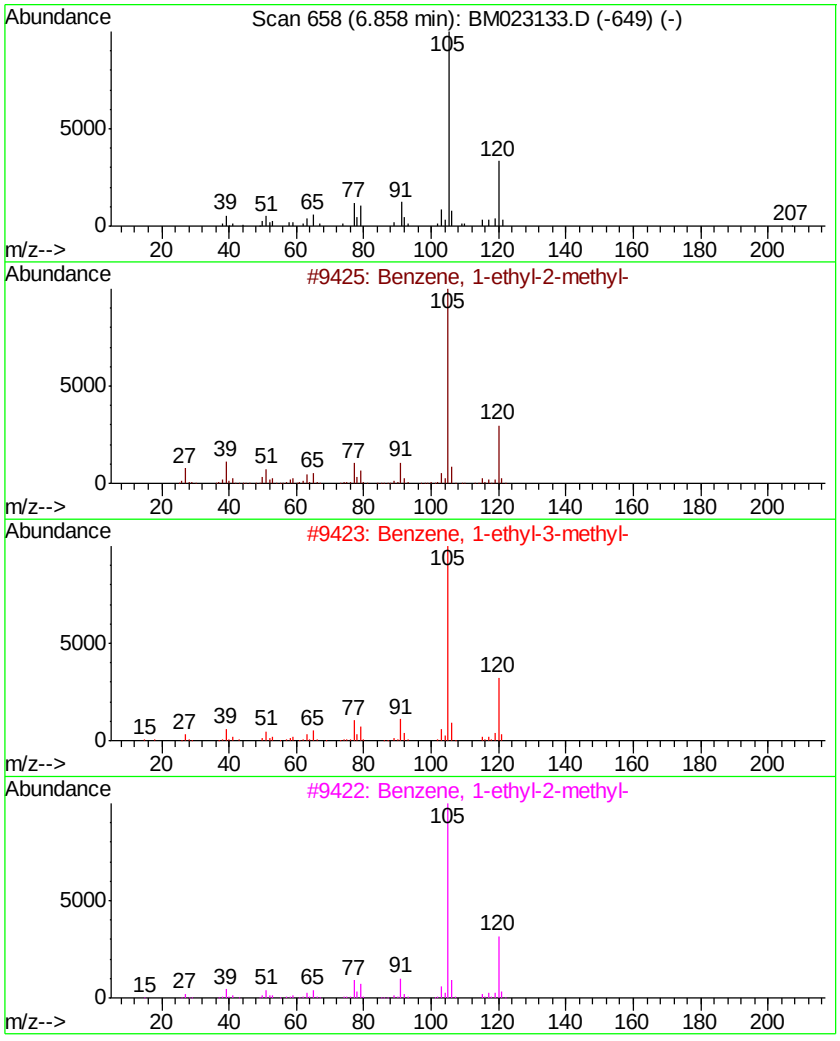
Quant Title : SVOA CALIBRATION

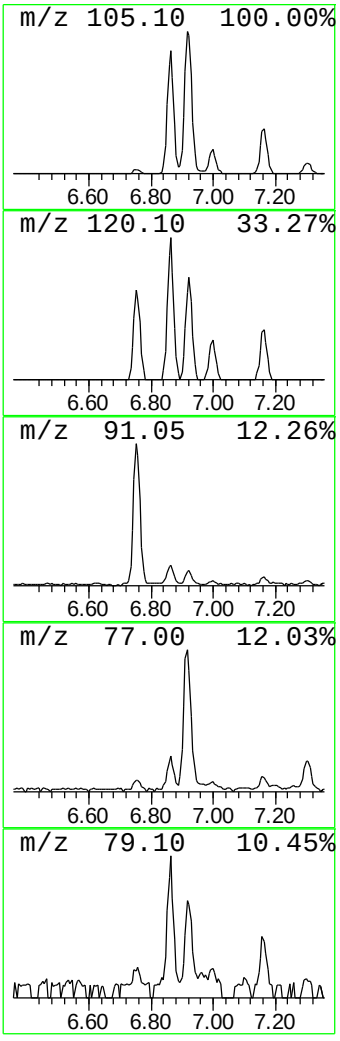
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	2.88 ng/ul	147587	1,4-Dichlorobenzene-d4	7.77

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-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Acq On : 11 Oct 2019 17:08
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

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Quant Title : SVOA CALIBRATION

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

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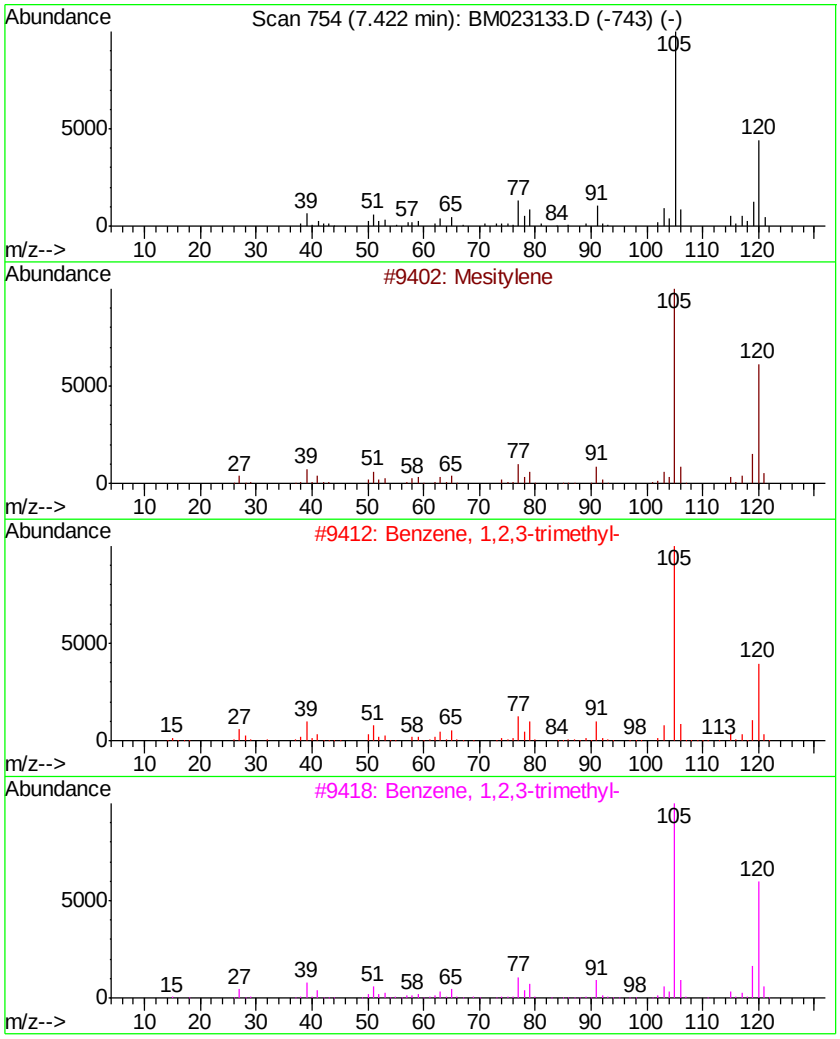
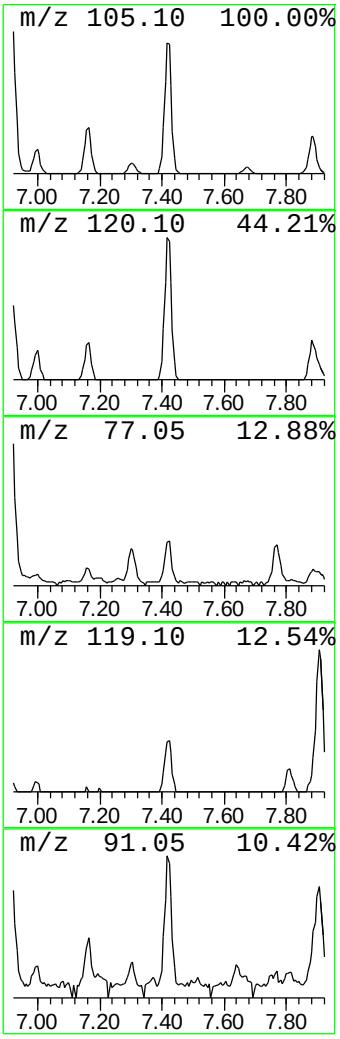
Peak Number 7 Mesitylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	4.13 ng/ul	211135	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





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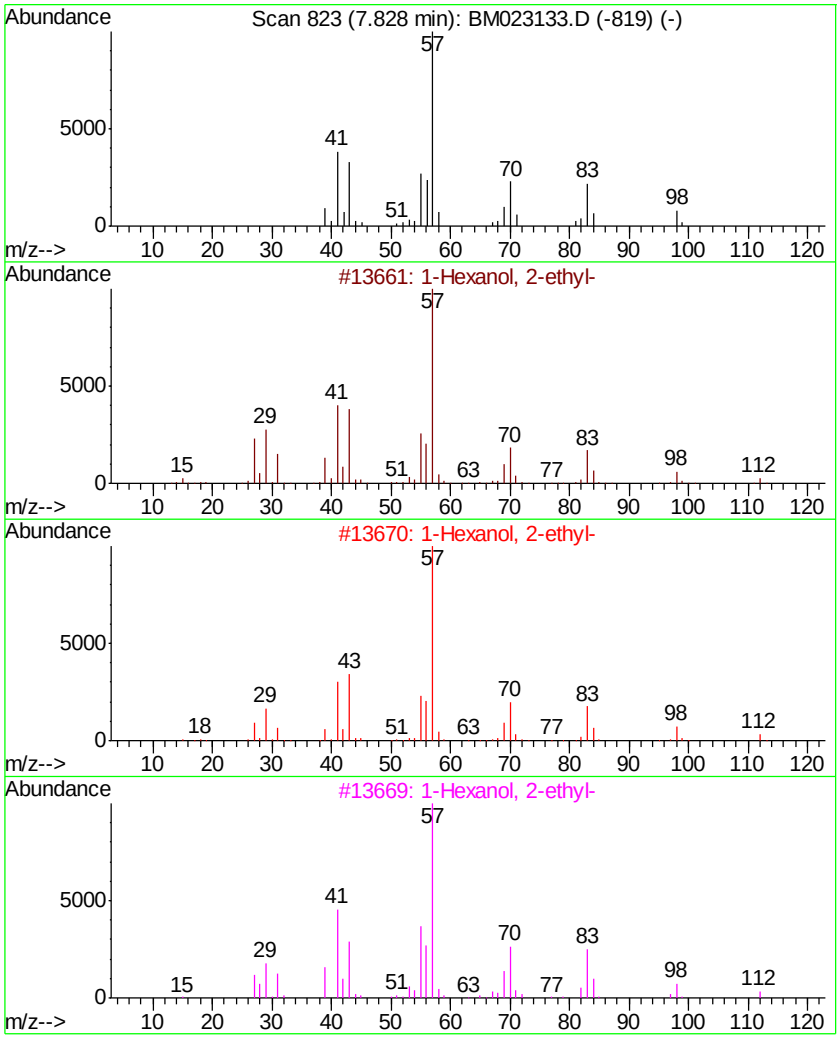
Quant Title : SVOA CALIBRATION

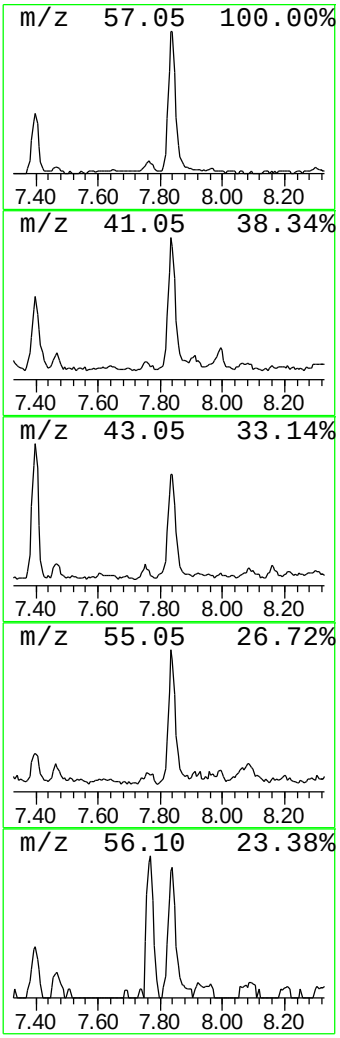
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.39 ng/ul	122516	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	47





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Instrument : BNA_M
ClientSampleId : JLM92

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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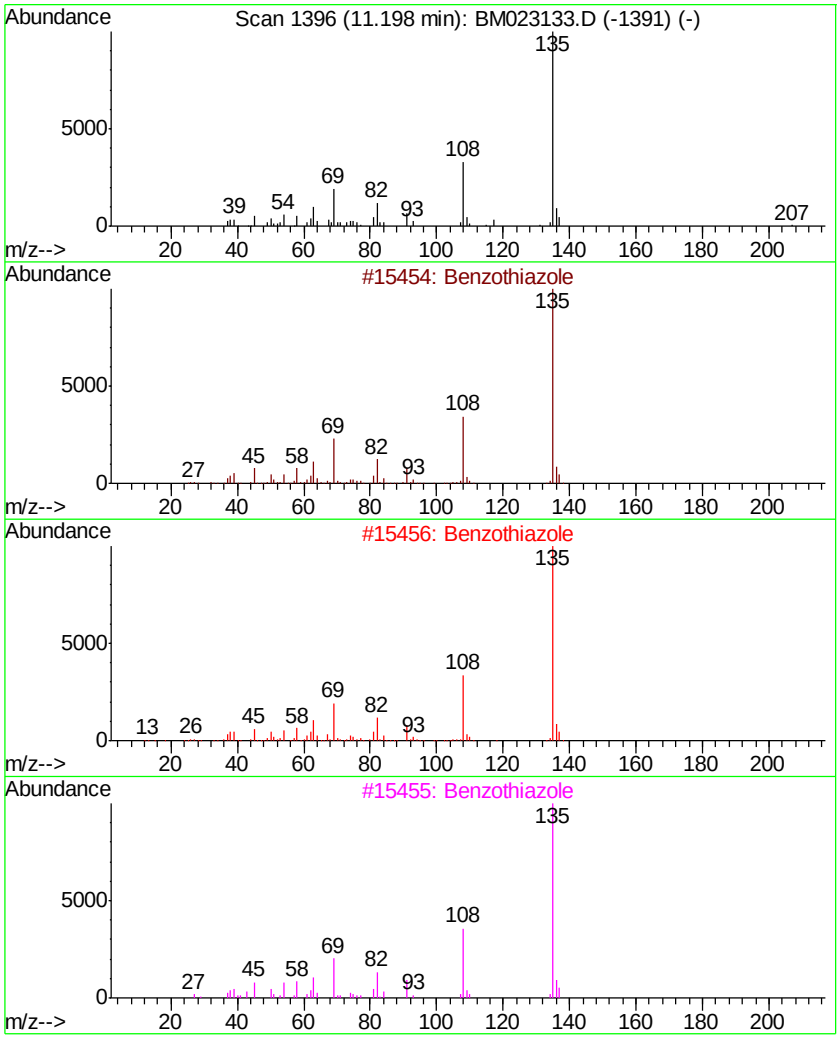
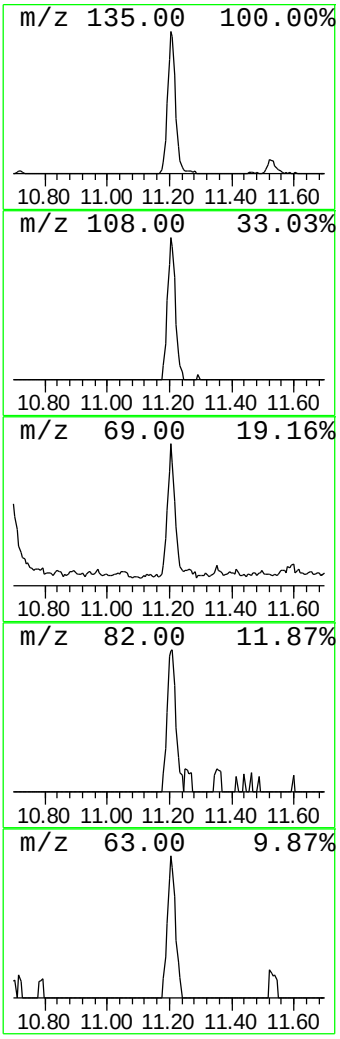
Peak Number 9 Benzothiazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.09 ng/ul	151355	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	95
2	Benzothiazole	135	C7H5NS	000095-16-9	95
3	Benzothiazole	135	C7H5NS	000095-16-9	94
4	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	91
5	Benzothiazole	135	C7H5NS	000095-16-9	86





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Instrument : BNA_M
ClientSampleId : JLM92

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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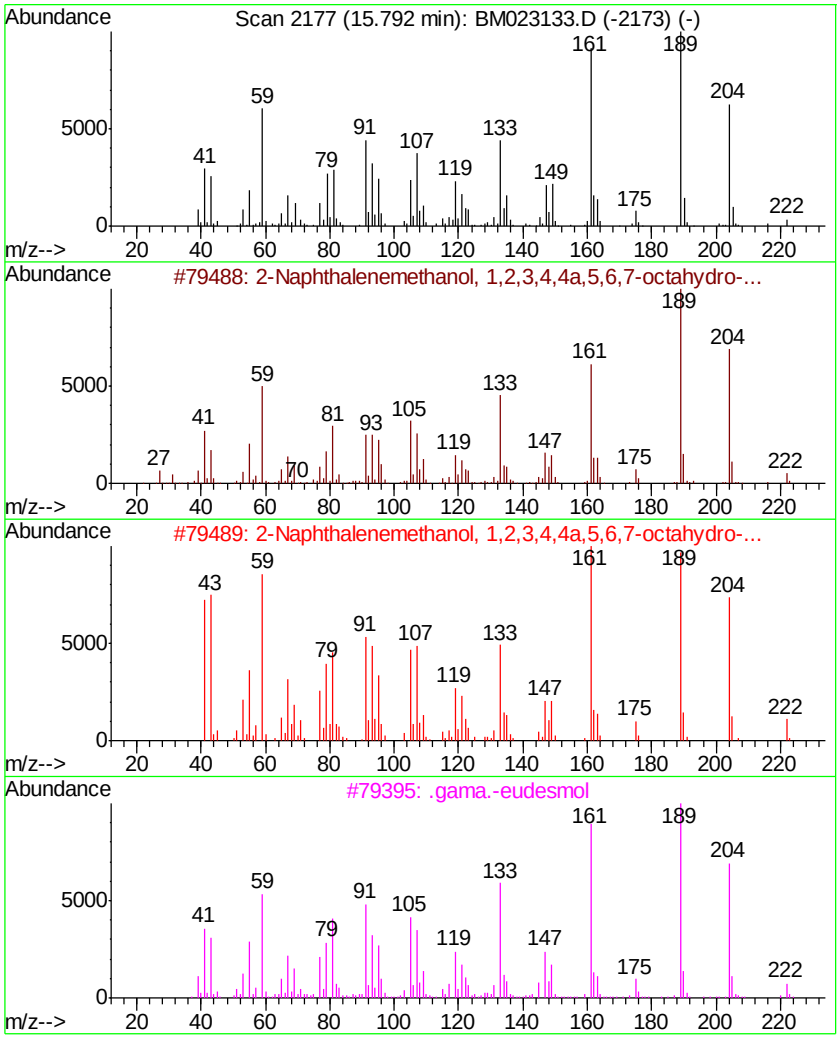
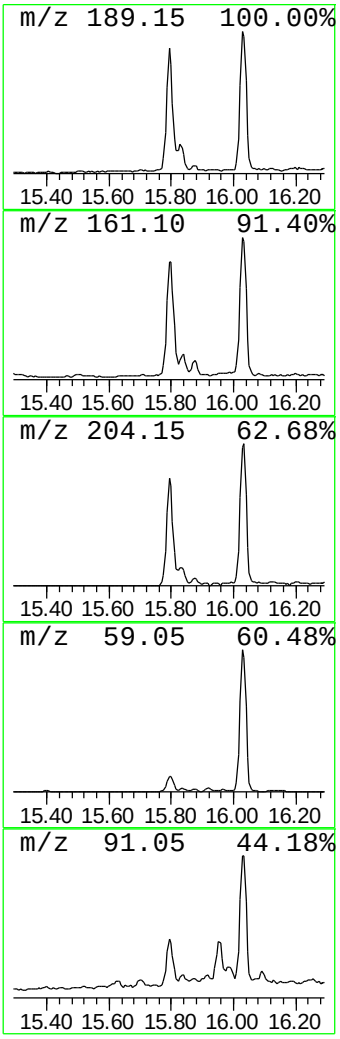
Peak Number 10 2-Naphthalenemethanol, 1,2,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	4.17 ng/ul	381493	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	96
2	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	91
3	.gama.-eudesmol	222	C15H26O	1000374-18-5	91
4	.delta.-Selinene	204	C15H24	028624-23-9	89
5	.delta.-Selinene	204	C15H24	028624-23-9	86





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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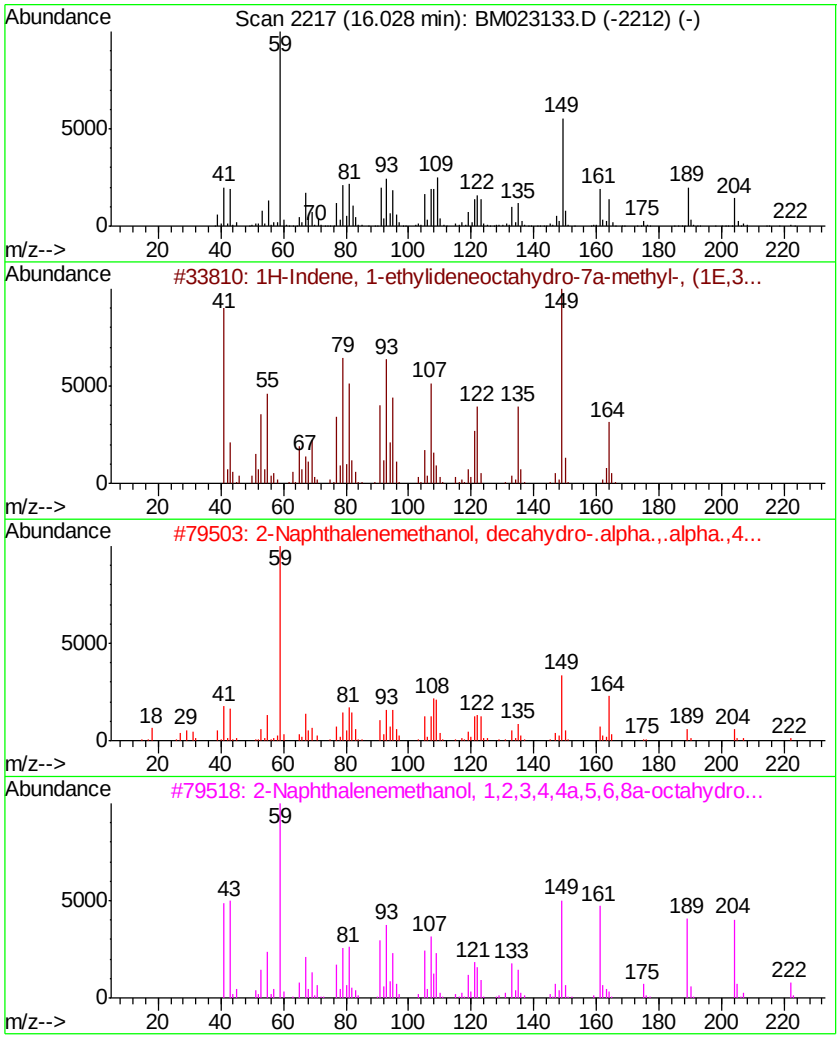
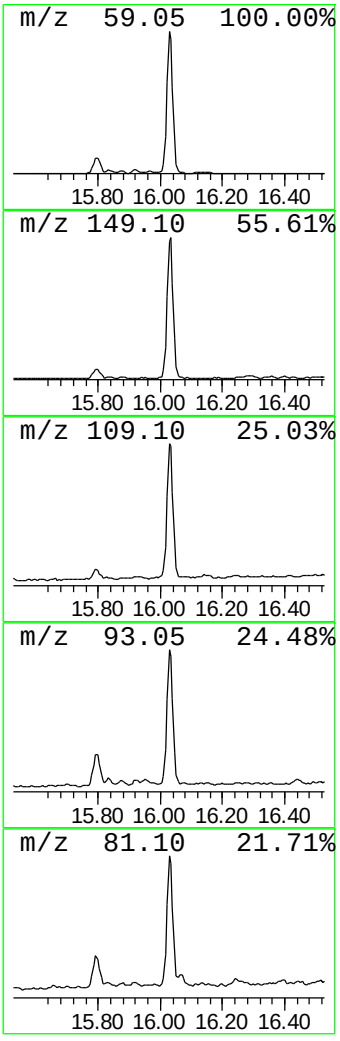
Peak Number 11 1H-Indene, 1-ethylideneocta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	17.20 ng/ul	1575640	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-68-6	90
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	83
3	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	72
4	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-69-7	64
5	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	079254-46-9	64





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Operator : JU
Sample : K5124-16
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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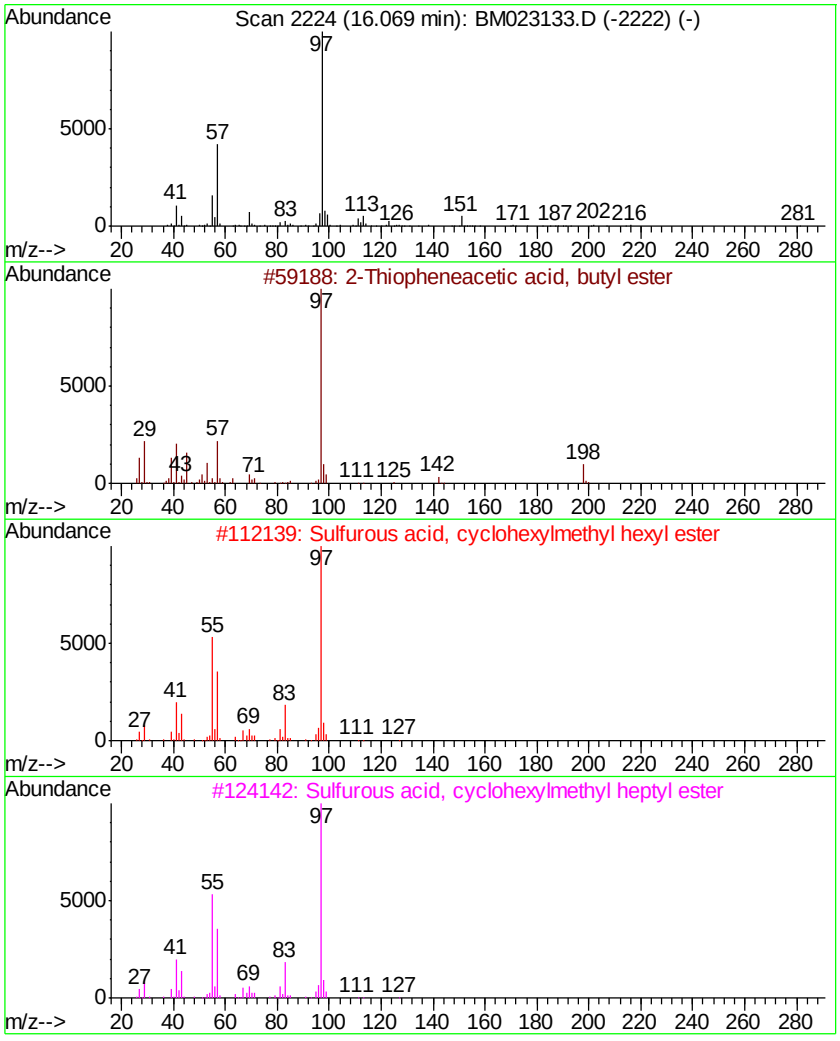
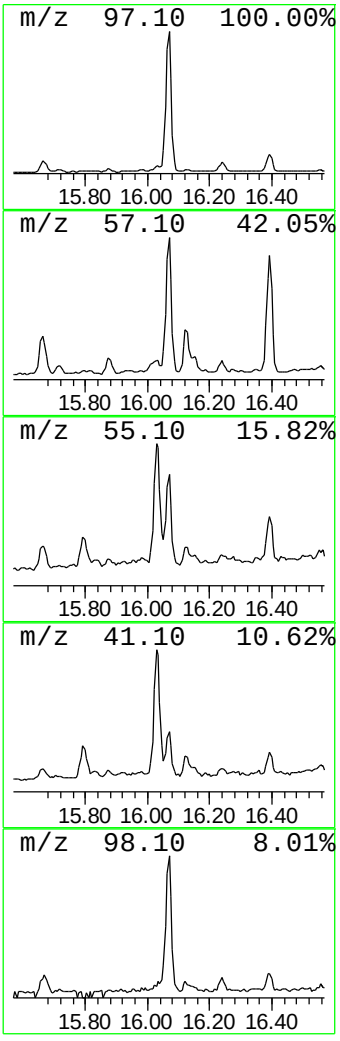
Peak Number 12 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.83 ng/ul	259321	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, butyl ester	198	C10H14O2S	060639-72-7	39
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	39
3	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	38
4	Ethyl 2-thiopheneacetate	170	C8H10O2S	057382-97-5	38
5	2-Butyne-1,4-diamine, N,N'-diethyl-	140	C8H16N2	000112-22-1	38





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Instrument : BNA_M
ClientSampleId : JLM92

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Quant Title : SVOA CALIBRATION

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

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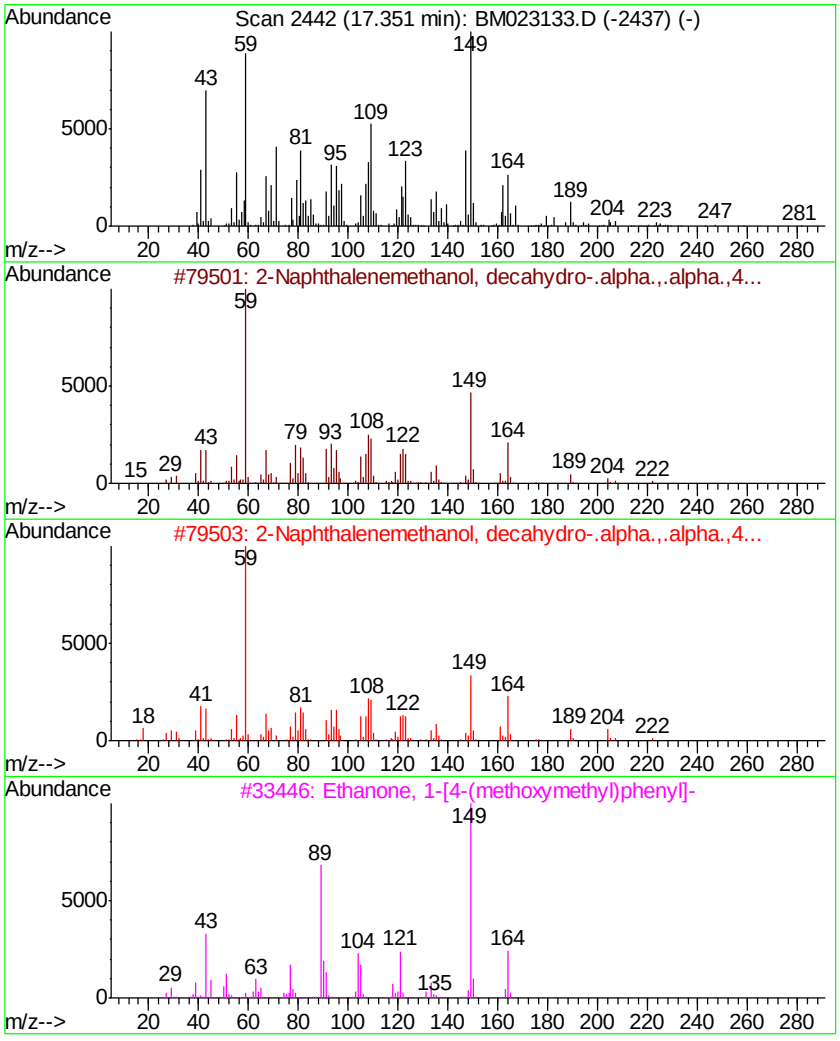
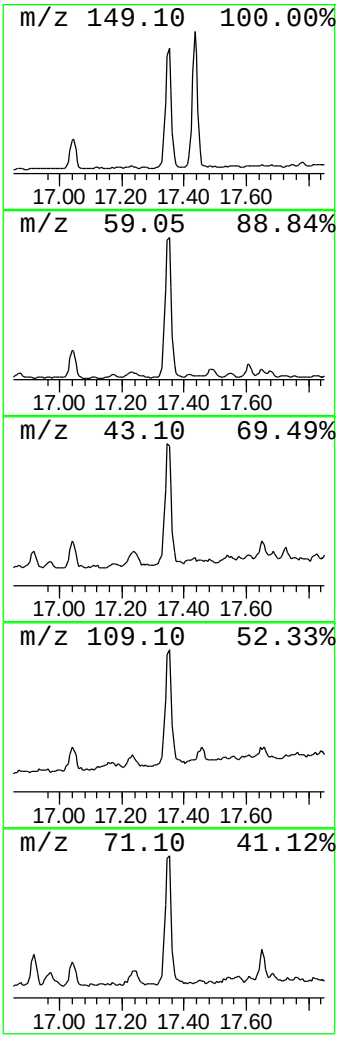
Peak Number 13 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	8.60 ng/ul	787851	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	27
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	27
3	Ethanone, 1-[4-(methoxymethyl)ph...	164	C10H12O2	022072-50-0	25
4	Phthalic acid, propyl 2,2,2-trif...	366	C19H17F3O4	1000377-70-0	22
5	Cyclohexane, 1,1,4,4-tetramethyl...	164	C12H20	1000154-20-4	18





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Quant Title : SVOA CALIBRATION

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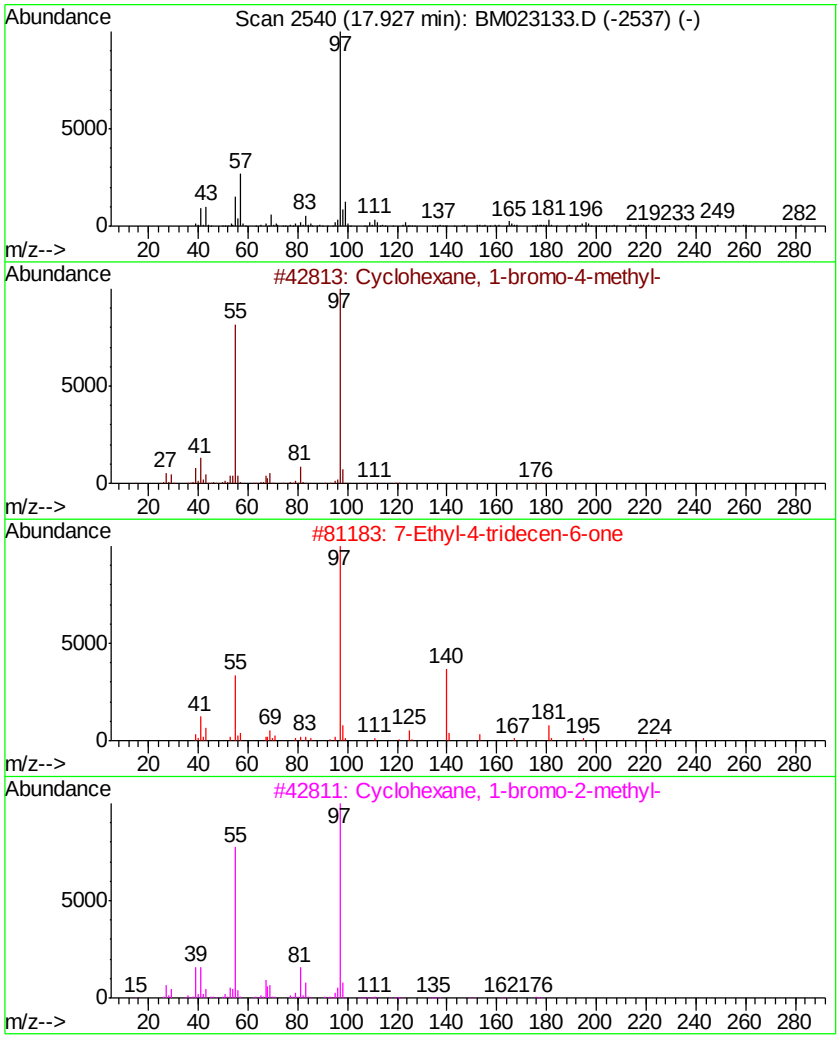
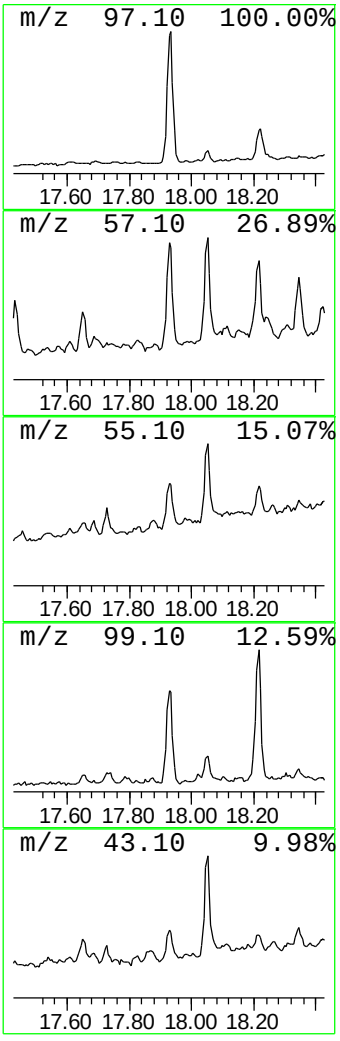
Peak Number 14 Cyclohexane, 1-bromo-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.39 ng/ul	218918	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	53
2	7-Ethyl-4-tridecen-6-one	224	C15H28O	1000374-07-1	53
3	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	53
4	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	52
5	Thiophene, 2-isohexyl-	168	C10H16S	004861-59-0	45





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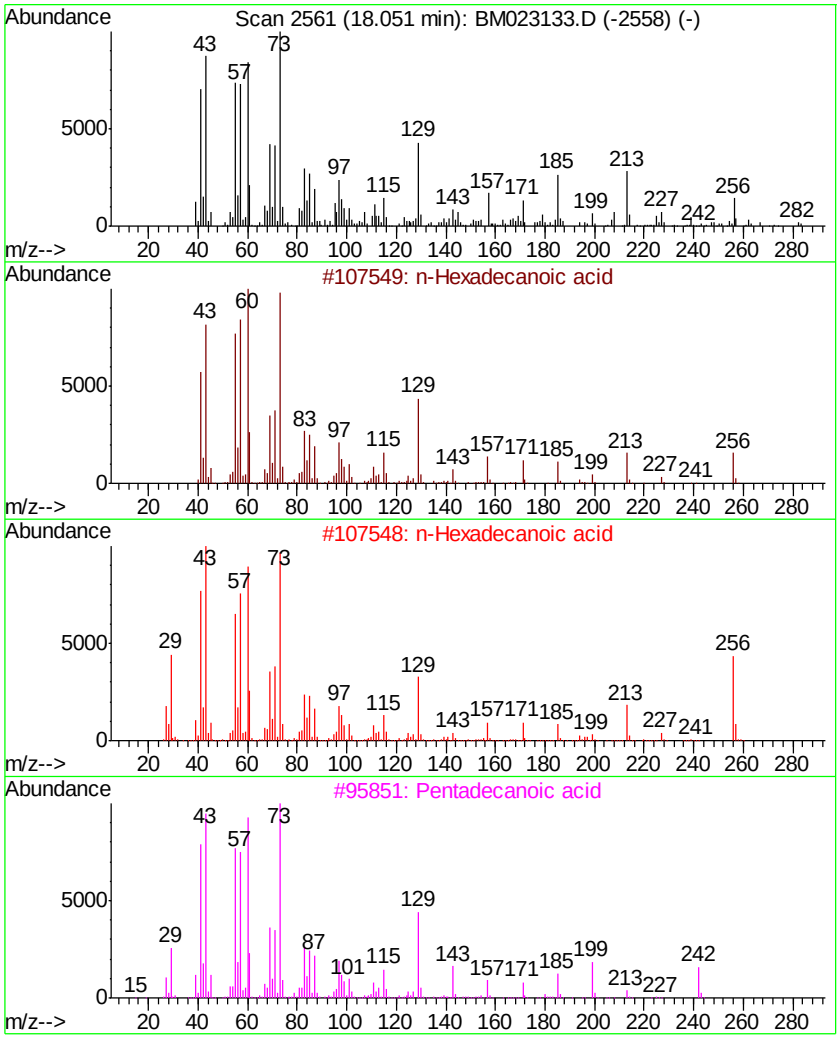
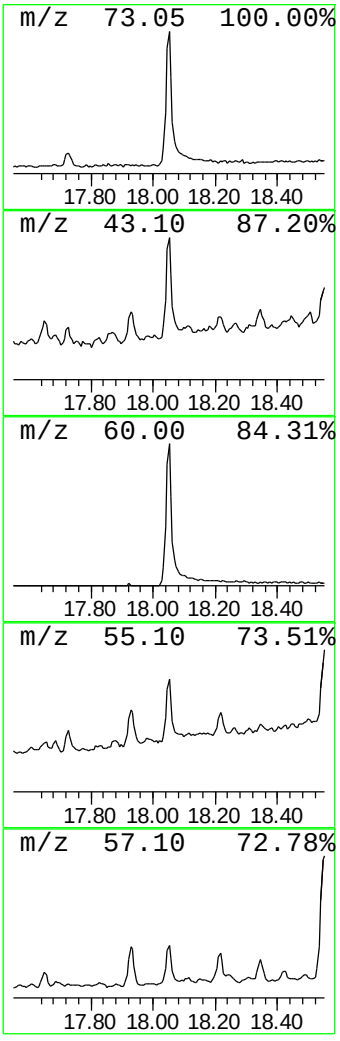
Peak Number 15 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.95 ng/ul	362193	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Quant Title : SVOA CALIBRATION

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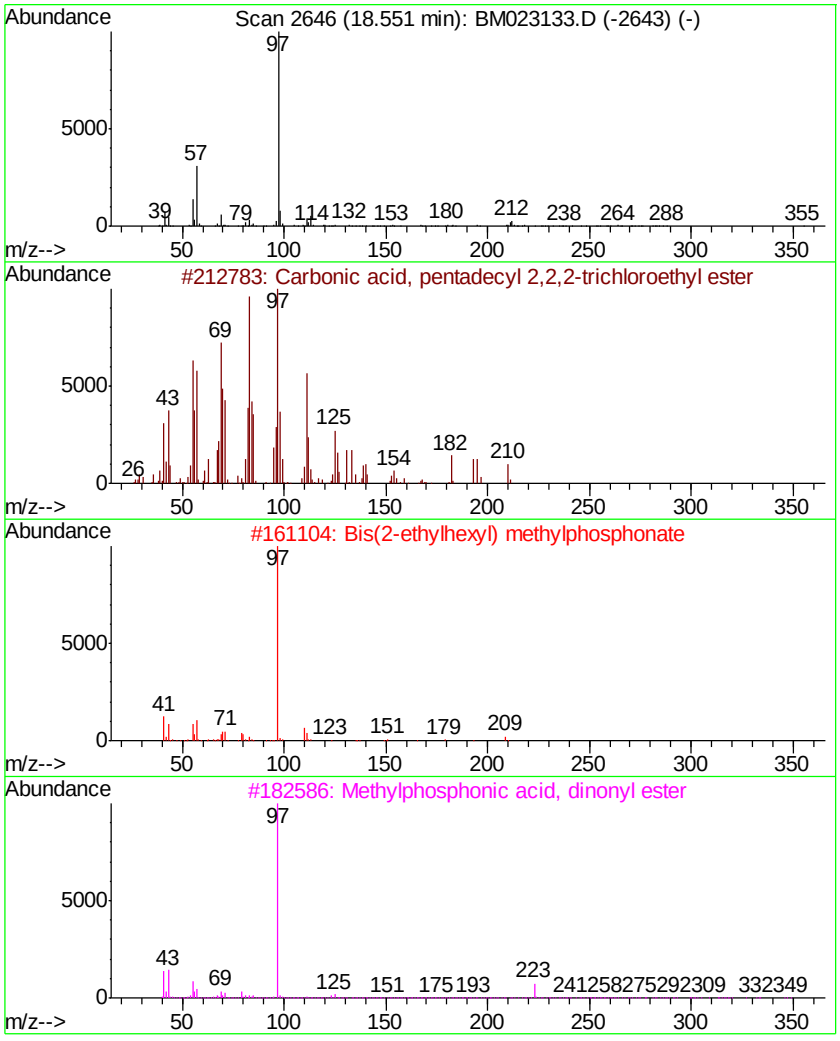
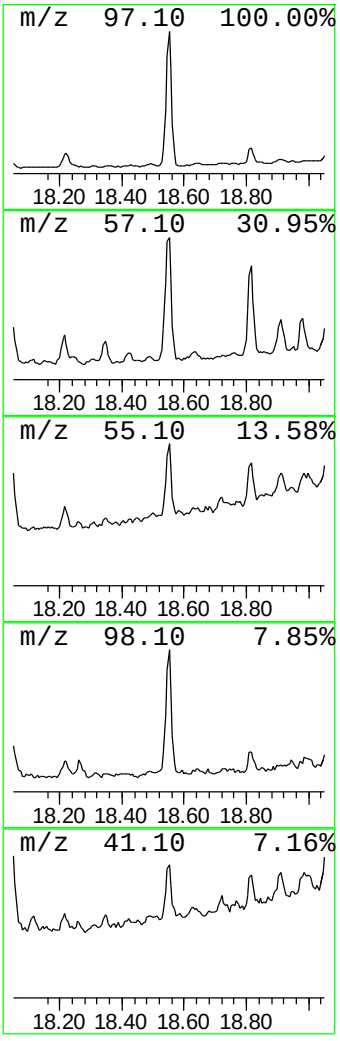
Peak Number 16 Carbonic acid, pentadecyl 2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.18 ng/ul	291112	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, pentadecyl 2,2,2-...	402	C18H33Cl3O3	1000314-56-1	64
2	Bis(2-ethylhexyl) methylphosphonate	320	C17H37O3P	1000298-35-3	50
3	Methylphosphonic acid, dinonyl e...	348	C19H41O3P	095428-88-9	45
4	Bis(3,7-dimethyloctyl) methylpho...	376	C21H45O3P	1000298-35-2	45
5	Pyridine, 2,3,4,5-tetrahydro-6-p...	125	C8H15N	001604-01-9	39





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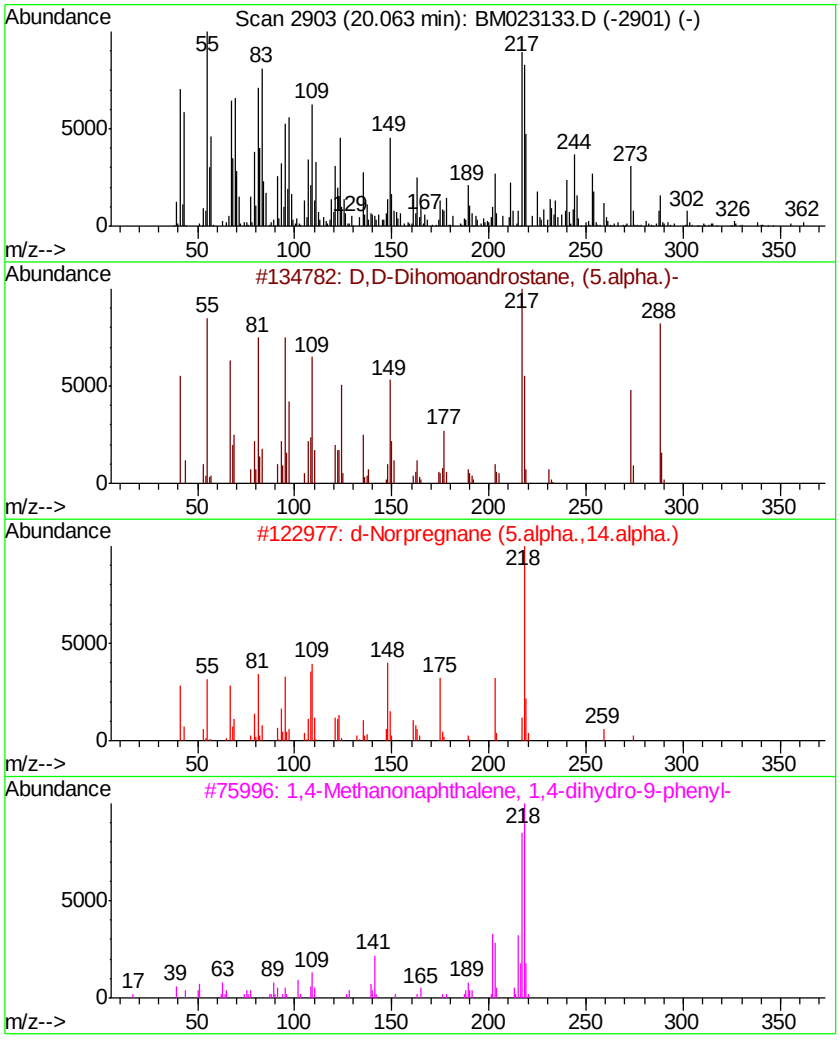
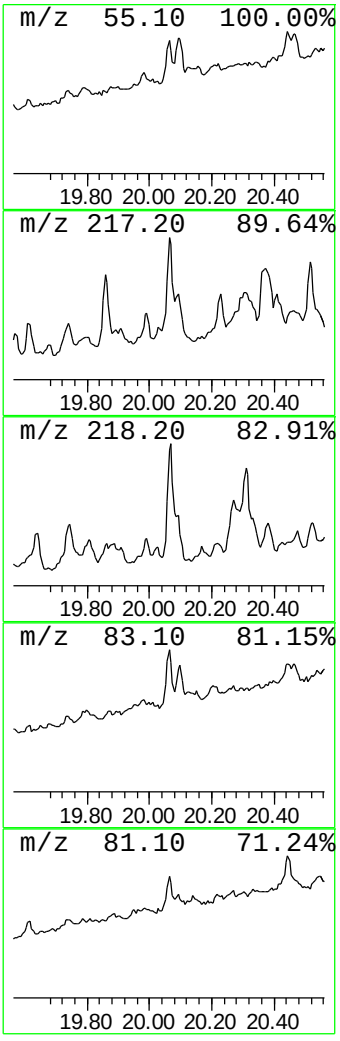
Peak Number 17 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	4.03 ng/ul	376815	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D,D-Dihomoandrostane, (5.alpha.)-	288	C21H36	035575-54-3	38
2	d-Norpregnane (5.alpha.,14.alpha.)	274	C20H34	1000281-13-7	22
3	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	22
4	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	18
5	10-Oxa-4-azatricyclo[5.2.1.0(2.6...	315	C16H13NO6	342394-48-3	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023133.D
Acq On : 11 Oct 2019 17:08
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

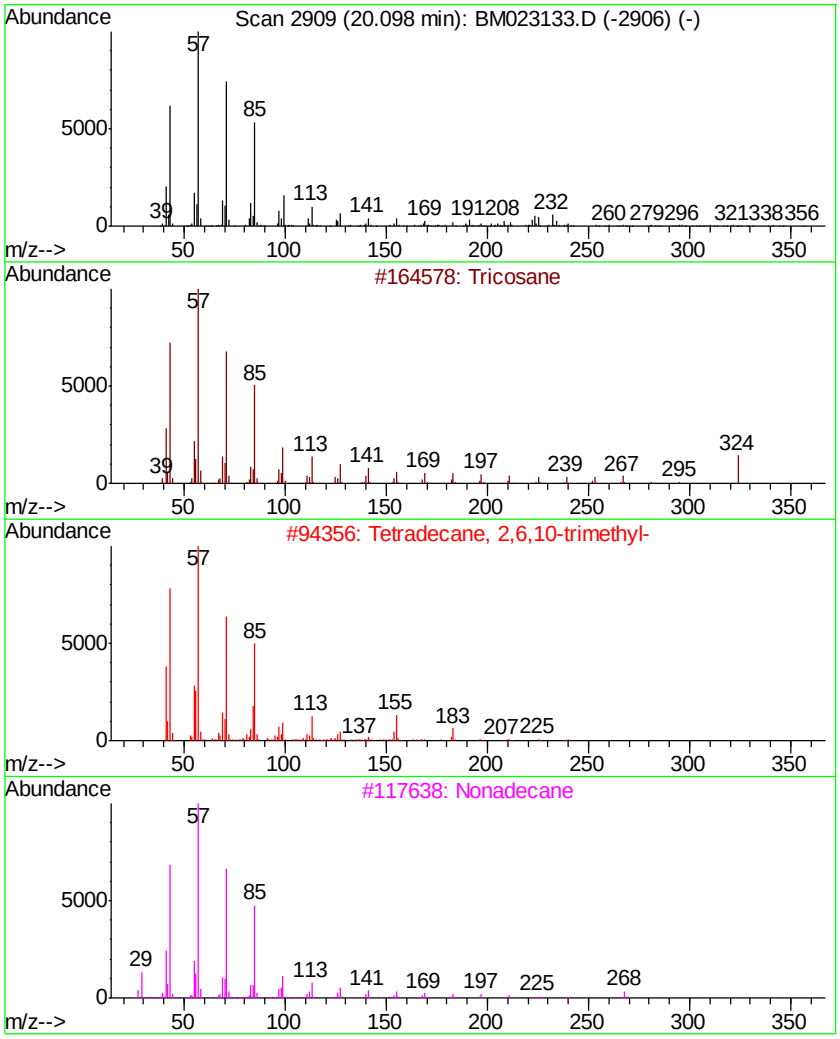
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

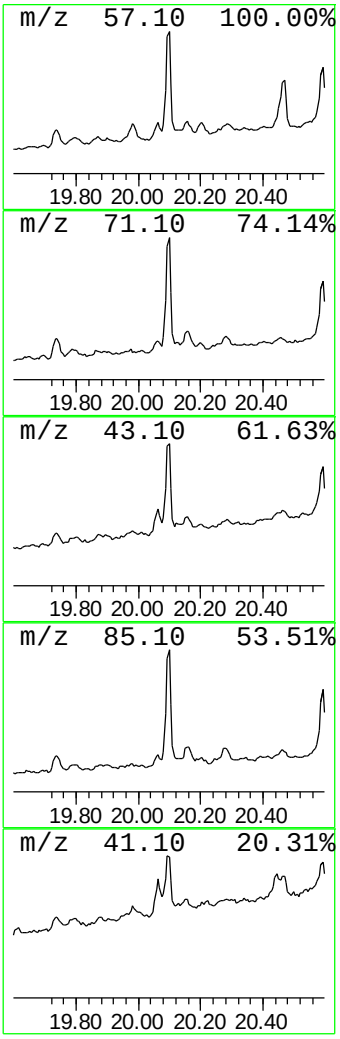
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	5.53 ng/ul	517848	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023133.D
Acq On : 11 Oct 2019 17:08
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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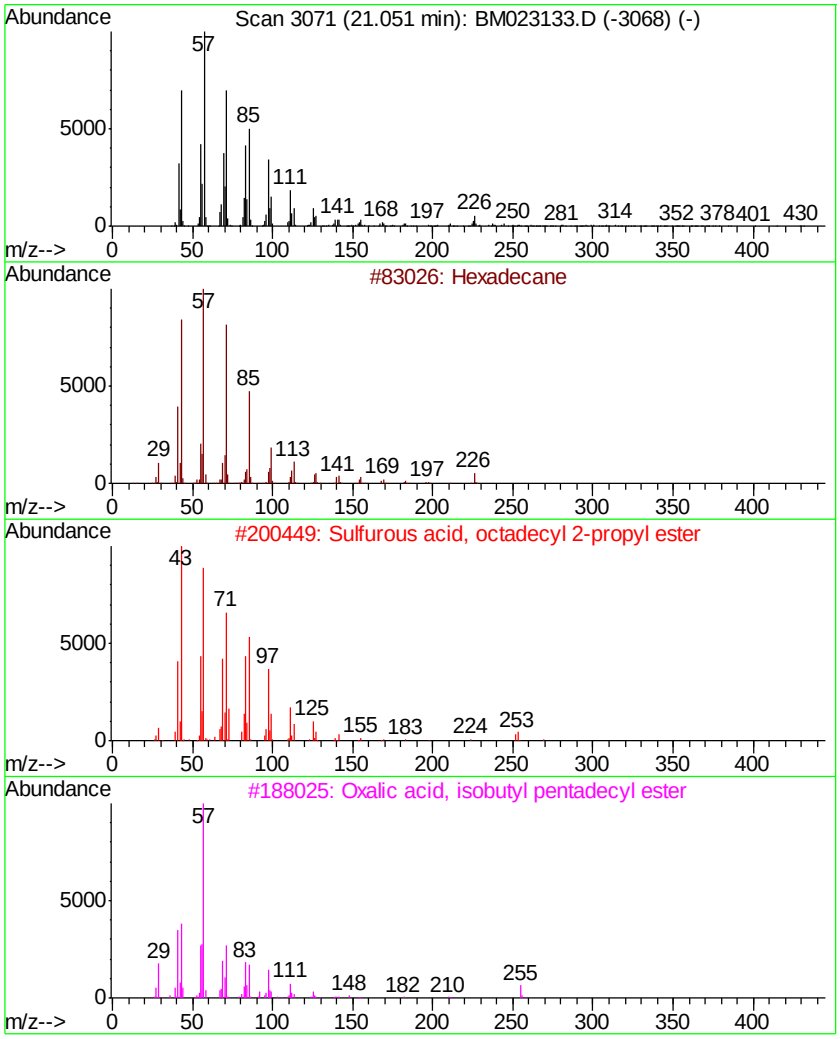
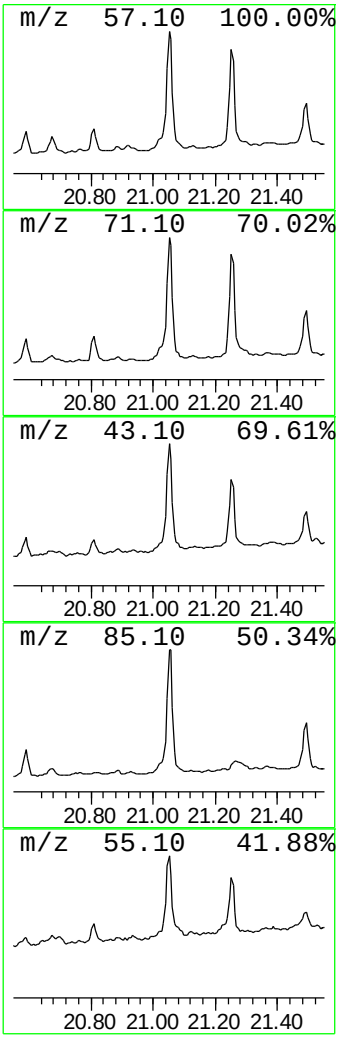
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	32.15 ng/ul	3008770	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023133.D
Acq On : 11 Oct 2019 17:08
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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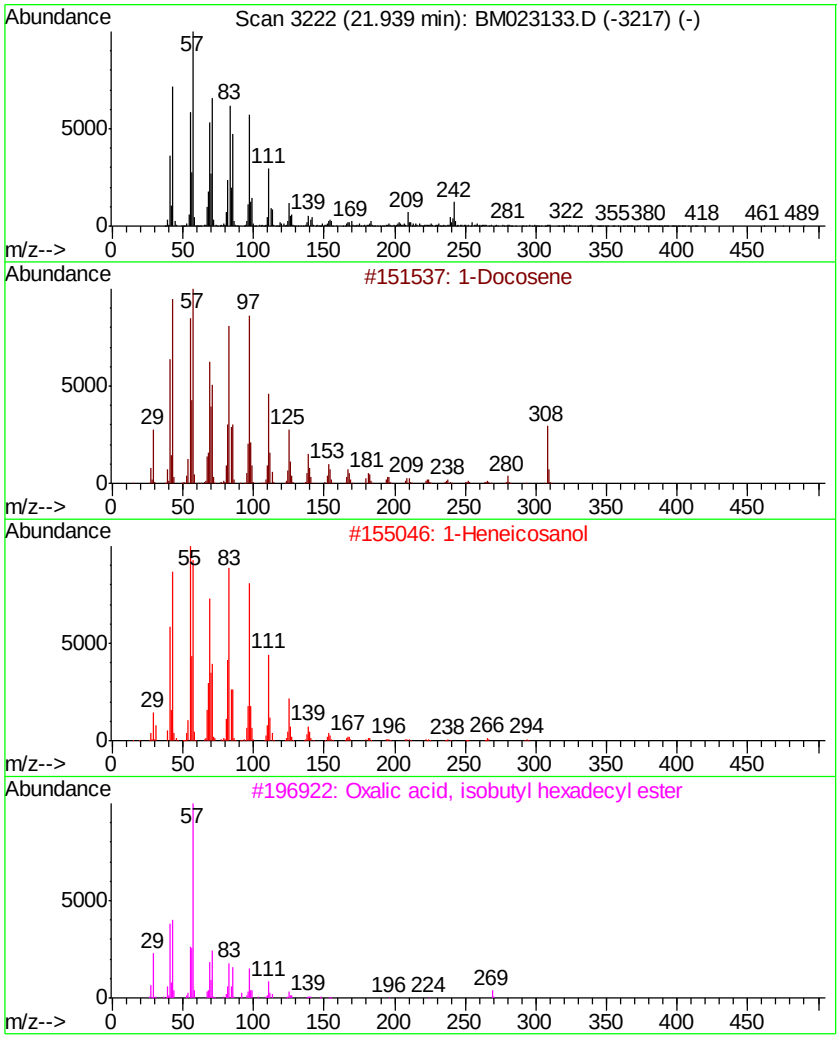
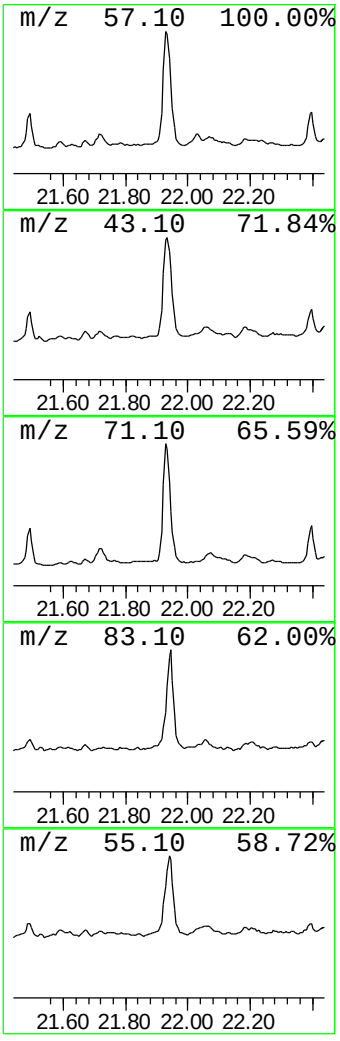
Peak Number 20 (DEL) Alkane: Cyclic21.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	43.92 ng/ul	4110660	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	92
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101119\
Data File : BM023133.D
Acq On : 11 Oct 2019 17:08
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Toluene	3.98	5.8	ng/ul	295623	1	7.77	1023480	20.0
Ethylbenzene	5.29	4.0	ng/ul	205263	1	7.77	1023480	20.0
p-Xylene	5.42	7.8	ng/ul	397052	1	7.77	1023480	20.0
o-Xylene	5.79	2.5	ng/ul	129631	1	7.77	1023480	20.0
Benzene, propyl-	6.75	2.2	ng/ul	113990	1	7.77	1023480	20.0
Benzene, 1-ethyl-...	6.86	2.9	ng/ul	147587	1	7.77	1023480	20.0
Mesitylene	7.42	4.1	ng/ul	211135	1	7.77	1023480	20.0
1-Hexanol, 2-ethyl-	7.83	2.4	ng/ul	122516	1	7.77	1023480	20.0
Benzothiazole	11.20	2.1	ng/ul	151355	2	10.56	1450790	20.0
2-Naphthalenemeth...	15.79	4.2	ng/ul	381493	4	17.15	1831850	20.0
1H-Indene, 1-ethy...	16.03	17.2	ng/ul	1575640	4	17.15	1831850	20.0
unknown-01	16.07	2.8	ng/ul	259321	4	17.15	1831850	20.0
unknown-02	17.35	8.6	ng/ul	787851	4	17.15	1831850	20.0
Cyclohexane, 1-br...	17.93	2.4	ng/ul	218918	4	17.15	1831850	20.0
n-Hexadecanoic acid	18.05	4.0	ng/ul	362193	4	17.15	1831850	20.0
Carbonic acid, pe...	18.55	3.2	ng/ul	291112	4	17.15	1831850	20.0
unknown-03	20.06	4.0	ng/ul	376815	5	21.33	1871730	20.0
(DEL) Alkane: Str...	20.10	5.5	ng/ul	517848	5	21.33	1871730	20.0
(DEL) Alkane: Str...	21.05	32.1	ng/ul	3008770	5	21.33	1871730	20.0
(DEL) Alkane: Cyc...	21.94	43.9	ng/ul	4110660	5	21.33	1871730	20.0