LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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	3.304	50	54	68	rVV	2731696	3304528	39.71%	1.897%
2	4.004	164	173	186	rVB	3407501	4930968	59.26%	2.830%
3	4.269	212	218	224	rBV	506588	642927	7.73%	0.369%
4	4.446	243	248	256	rBV	807807	1052923	12.65%	0.604%
5	4.898	318	325	335	rVV	829490	1145559	13.77%	0.658%
6	5.322	390	397	404	rVB	1016806	1463307	17.59%	0.840%
7	5.451	413	419	436	rVB	3538222	7264735	87.31%	4.170%
8	5.822	476	482	494	rVB	3008175	4522298	54.35%	2.596%
9	6.792	639	647	656	rBV2	456079	932311	11.20%	0.535%
10	6.898	656	665	670	rVV	1524869	2334851	28.06%	1.340%
11	6.957	670	675	683	rVV3	966652	1938230	23.29%	1.113%
12	7.034	683	688	695	rVB	871561	1319186	15.85%	0.757%
13	7.134	699	705	711	rBV	910501	1435074	17.25%	0.824%
14	7.198	711	716	725	rVB	802572	1198216	14.40%	0.688%
15	7.334	730	739	748	rVV	1067743	1734607	20.85%	0.996%
16	7.457	752	760	769	rVB	3497337	5511402	66.24%	3.164%
17	7.798	810	818	823	rBV	1238626	2050423	24.64%	1.177%
18	7.922	833	839	848	rVB	1285175	2115607	25.43%	1.214%
19	8.175	873	882	888	rVB2	987371	2605485	31.31%	1.496%
20	8.345	906	911	917	rVB2	371843	709951	8.53%	0.408%
21	8.445	922	928	933	rBV2	560051	905754	10.89%	0.520%
22	8.504	933	938	944	rVB	958276	1496654	17.99%	0.859%
23	8.757	976	981	985	rBV	315112	469326	5.64%	0.269%
24	8.810	985	990	996	rVB	309751	481146	5.78%	0.276%
25	8.910	996	1007	1010	rBV	661065	1150509	13.83%	0.660%
26	8.951	1010	1014	1019	rBV	857017	1289072	15.49%	0.740%
27	9.222	1054	1060	1071	rBV2	703684	1388317	16.69%	0.797%
28	9.428	1090	1095	1100	rVV	369468	595001	7.15%	0.342%
29	9.486	1100	1105	1113	rVV	561905	913402	10.98%	0.524%
30	9.563	1113	1118	1124	rVV	521030	783364	9.41%	0.450%
31	9.675	1129	1137	1144	rBV	1000269	1761391	21.17%	1.011%
32	9.775	1144	1154	1162	rBV	3207661	5513040	66.26%	3.165%
33	9.845	1162	1166	1170	rBV	317228	459432	5.52%	0.264%
34	9.998	1186	1192	1200	rVV2	924650	2012632	24.19%	1.155%

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Instrument : BNA_M
ClientSampleId : BFDM5

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

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Peak separation: 5

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

35	10.075	1200	1205	1213	rVB	2080360	3440765	41.35%	1.975%
36	10.222	1221	1230	1238	rVB3	1975197	4189483	50.35%	2.405%
37	10.463	1267	1271	1275	rVV	294673	494779	5.95%	0.284%
38	10.510	1275	1279	1284	rVV	664176	1077999	12.96%	0.619%
39	10.592	1284	1293	1297	rVV	1750235	3475496	41.77%	1.995%
40	10.645	1297	1302	1309	rVV	4966369	8320617	100.00%	4.776%
41	10.733	1309	1317	1327	rVV4	717336	1967252	23.64%	1.129%
42	10.863	1334	1339	1348	rVB	294116	516550	6.21%	0.297%
43	10.957	1348	1355	1360	rBV	421660	758502	9.12%	0.435%
44	11.039	1366	1369	1376	rVB	221914	378518	4.55%	0.217%
45	11.133	1378	1385	1389	rBV	799952	1333327	16.02%	0.765%
46	11.180	1389	1393	1402	rVB2	226375	466384	5.61%	0.268%
47	11.422	1429	1434	1439	rVV	865929	1475871	17.74%	0.847%
48	11.616	1461	1467	1472	rBV2	621217	1070816	12.87%	0.615%
49	11.669	1472	1476	1480	rVV	456376	829534	9.97%	0.476%
50	11.704	1480	1482	1490	rVB4	347042	547412	6.58%	0.314%
51	11.792	1490	1497	1508	rVB5	178502	427668	5.14%	0.245%
52	11.933	1512	1521	1526	rBV	538248	1069789	12.86%	0.614%
53	12.257	1570	1576	1581	rVV	2303090	3530907	42.44%	2.027%
54	12.474	1604	1613	1619	rVB	1793889	2936019	35.29%	1.685%
55	12.639	1635	1641	1645	rBV4	230329	482167	5.79%	0.277%
56	12.774	1659	1664	1671	rBV4	211255	388605	4.67%	0.223%
57	13.280	1745	1750	1758	rVB3	730024	1364649	16.40%	0.783%
58	13.616	1795	1807	1815	rBV5	382432	1322249	15.89%	0.759%
59	13.757	1826	1831	1836	rVV	628922	1268357	15.24%	0.728%
60	13.810	1836	1840	1842	rVV	534781	809880	9.73%	0.465%
61	13.845	1842	1846	1851	rVV	2567413	3757660	45.16%	2.157%
62	13.892	1851	1854	1858	rVV	1292774	1778175	21.37%	1.021%
63	13.992	1865	1871	1875	rVV2	294933	501043	6.02%	0.288%
64	14.127	1888	1894	1904	rVV	2941809	4913614	59.05%	2.820%
65	14.210	1904	1908	1912	rVV	276617	380661	4.57%	0.219%
66	14.286	1914	1921	1925	rVV4	211295	404913	4.87%	0.232%
67	14.345	1925	1931	1936	rVB5	356935	693422	8.33%	0.398%
68	14.439	1939	1947	1954	rVV	2416840	4328904	52.03%	2.485%
69	14.498	1954	1957	1963	rVB	505303	727021	8.74%	0.417%
70	14.639	1973	1981	1986	rBV6	335613	659113	7.92%	0.378%
71	14.833	2010	2014	2021	rVB3	200968	413897	4.97%	0.238%

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Instrument : BNA_M
ClientSampleId : BFDM5

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	14.951	2031	2034	2045	rBV4	238631	433941	5.22%	0.249%
73	15.327	2095	2098	2102	rVB	497088	637832	7.67%	0.366%
74	15.427	2110	2115	2121	rVB	3578753	5178704	62.24%	2.973%
75	15.480	2121	2124	2128	rVB2	309680	388415	4.67%	0.223%
76	15.545	2129	2135	2142	rVB	1114235	1619812	19.47%	0.930%
77	15.757	2167	2171	2176	rBV	334938	526395	6.33%	0.302%
78	16.157	2235	2239	2241	rBV3	395234	527371	6.34%	0.303%
79	16.998	2379	2382	2395	rVB2	322248	526749	6.33%	0.302%
80	17.174	2407	2412	2416	rBV2	2453152	3459247	41.57%	1.986%
81	17.215	2416	2419	2424	rVV	646855	923727	11.10%	0.530%
82	17.274	2424	2429	2439	rVB	3726495	5431016	65.27%	3.117%
83	17.362	2440	2444	2450	rBV2	390027	694045	8.34%	0.398%
84	17.545	2471	2475	2478	rBV2	311273	455945	5.48%	0.262%
85	17.680	2495	2498	2503	rVB	373792	468165	5.63%	0.269%
86	18.080	2562	2566	2572	rVB2	838444	1253831	15.07%	0.720%
87	18.374	2613	2616	2623	rBV	399263	552571	6.64%	0.317%
88	18.845	2692	2696	2700	rBV2	277927	412487	4.96%	0.237%
89	18.945	2709	2713	2715	rBV2	255411	422376	5.08%	0.242%
90	19.009	2721	2724	2730	rBV2	371933	454783	5.47%	0.261%
91	19.174	2749	2752	2755	rBV2	341386	436374	5.24%	0.250%
92	19.233	2759	2762	2766	rVB	431993	552929	6.65%	0.317%
93	19.356	2779	2783	2786	rBV2	530408	738575	8.88%	0.424%
94	19.568	2814	2819	2834	rBV	3833616	6275120	75.42%	3.602%
95	19.762	2849	2852	2854	rBV3	324242	462963	5.56%	0.266%
96	19.892	2871	2874	2878	rBV3	328243	625939	7.52%	0.359%
97	20.121	2911	2913	2917	rVB	361014	393899	4.73%	0.226%
98	21.356	3119	3123	3127	rBV	2472399	2951385	35.47%	1.694%
99	23.480	3479	3484	3490	rBV	2294881	4153153	49.91%	2.384%
100	23.627	3503	3509	3516	rVB	1713944	3321842	39.92%	1.907%

Sum of corrected areas: 174213237

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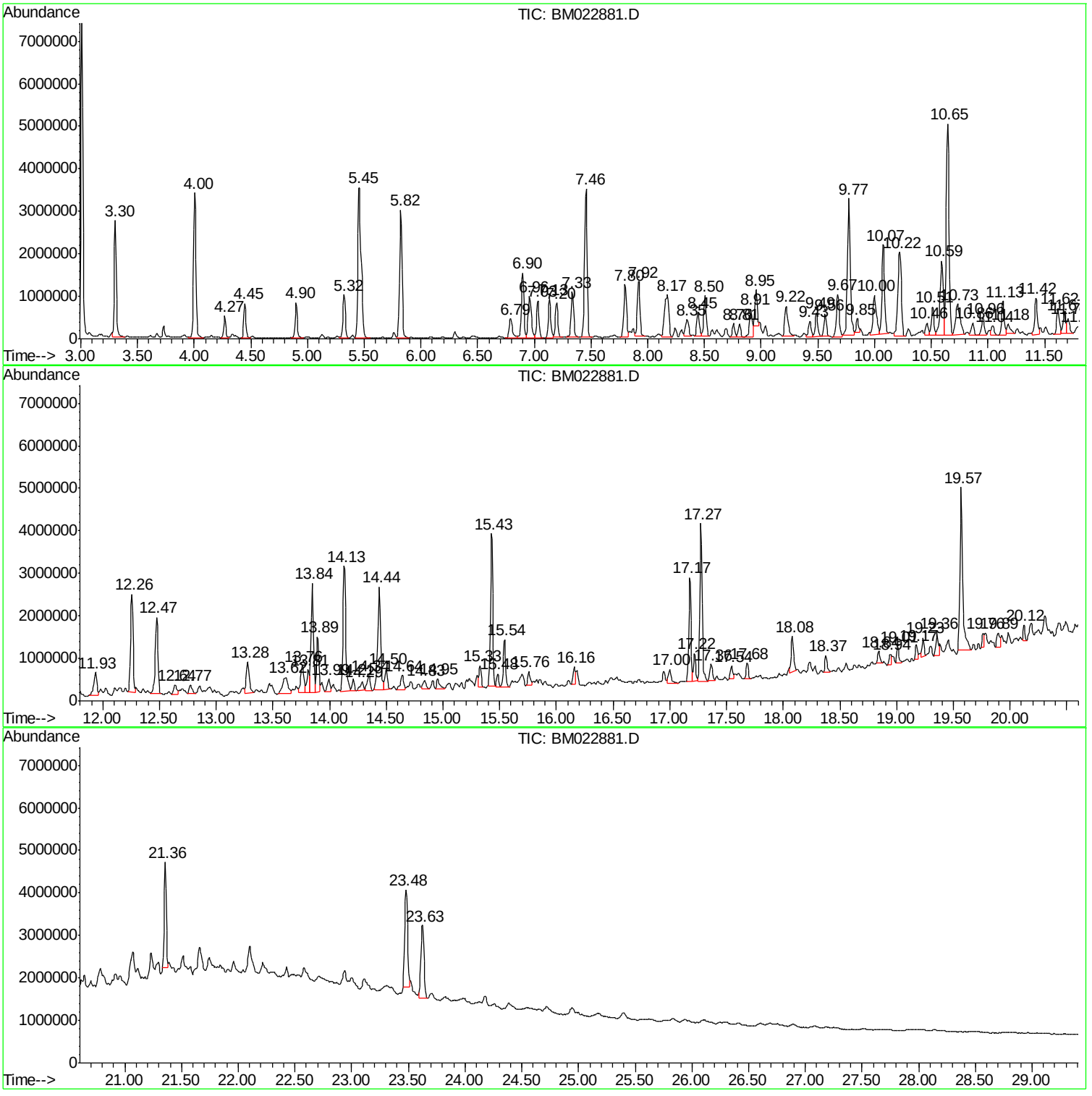
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDM5

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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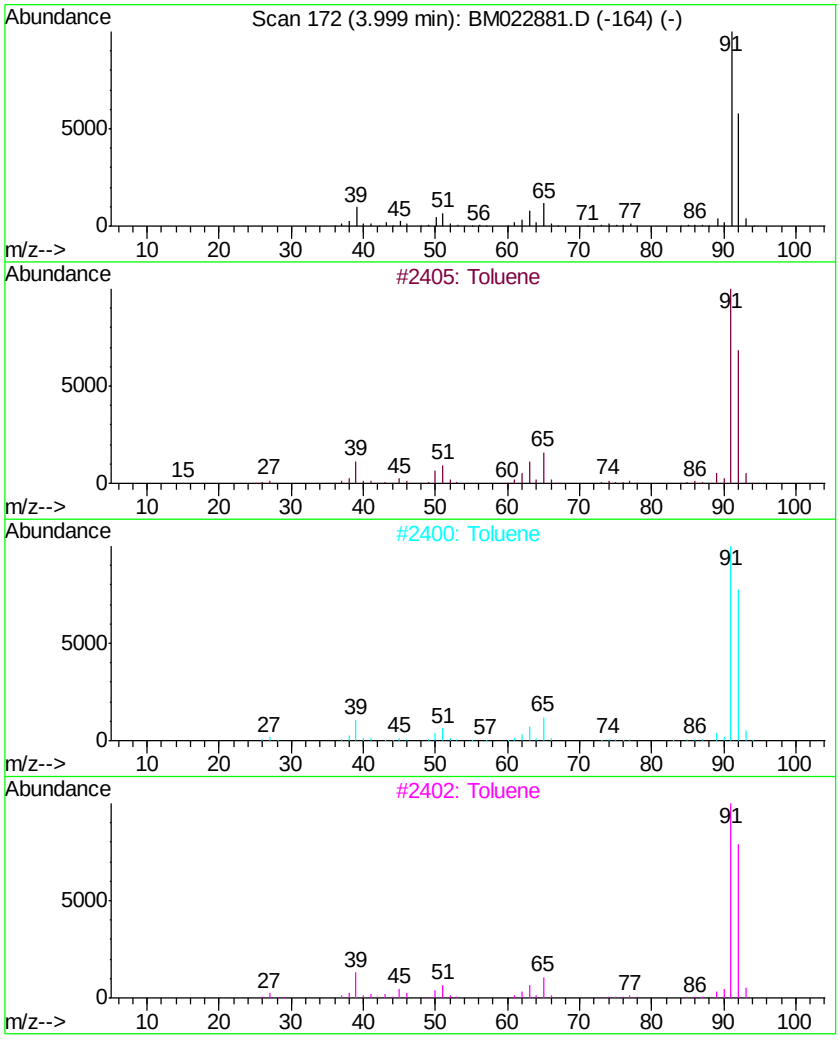
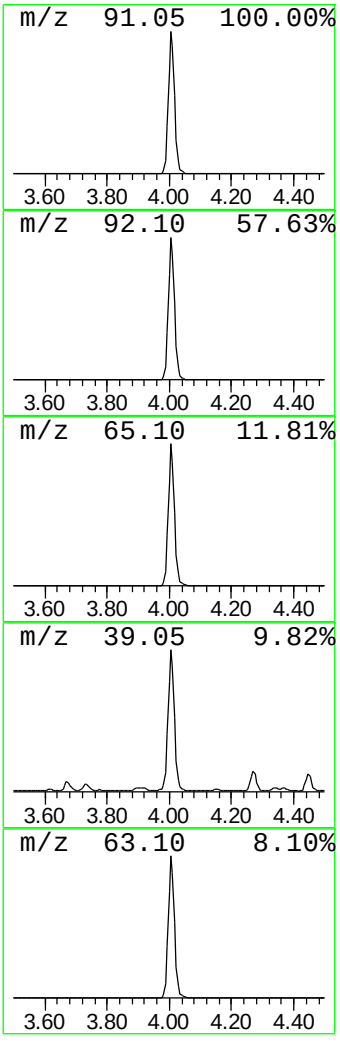
****

Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	48.10 ng/ul	4930970	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





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

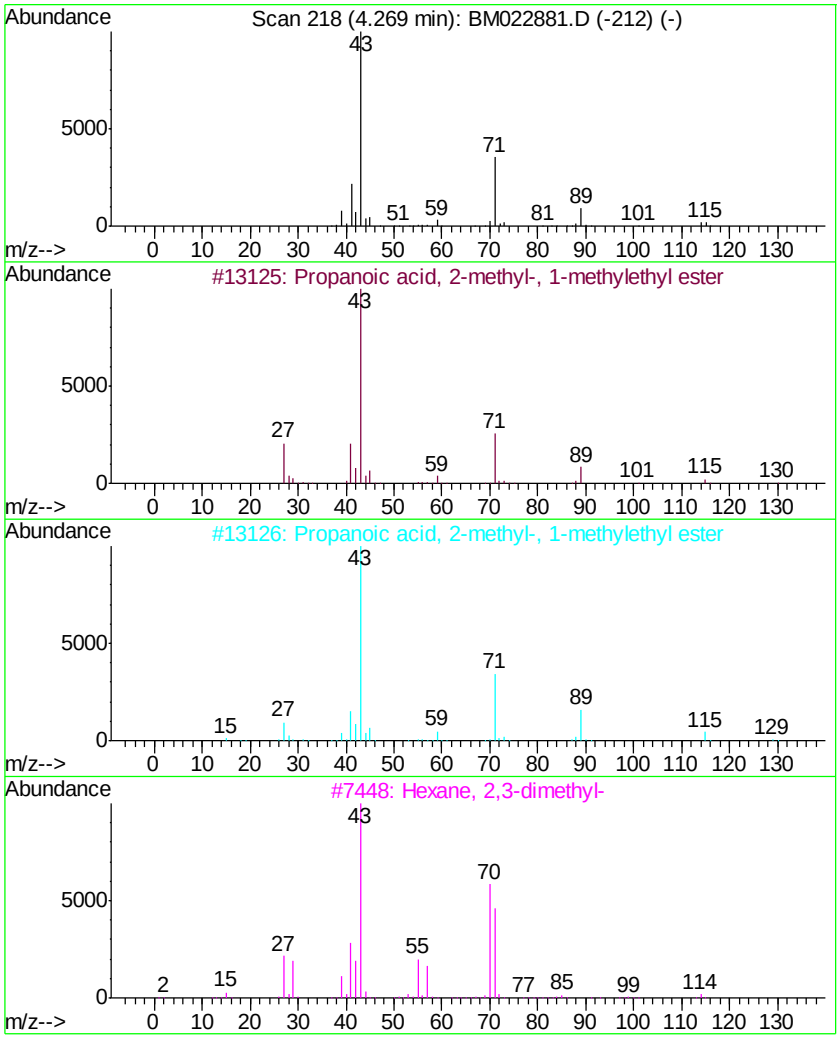
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

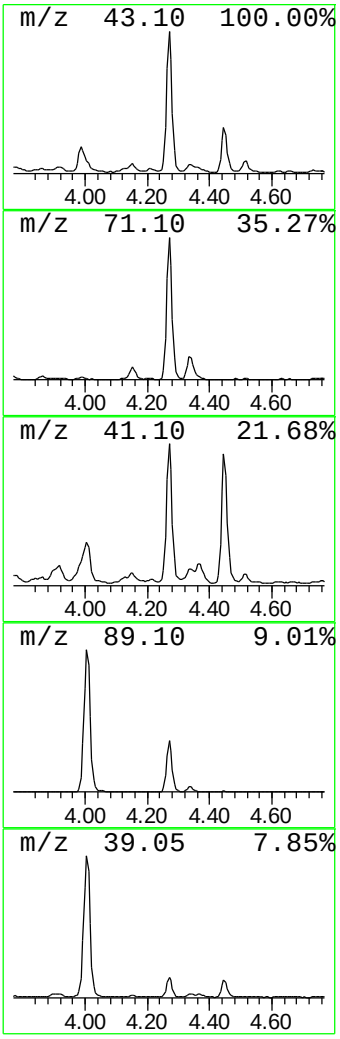
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	6.27 ng/ul	642927	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	40
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	39





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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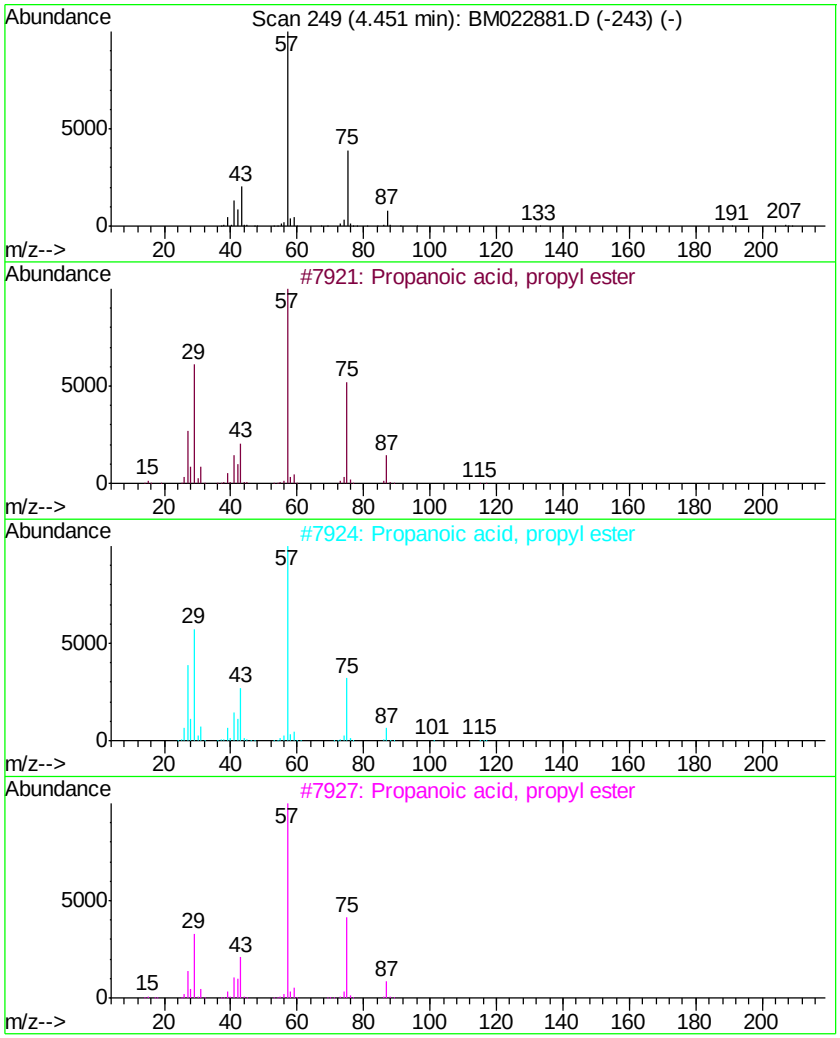
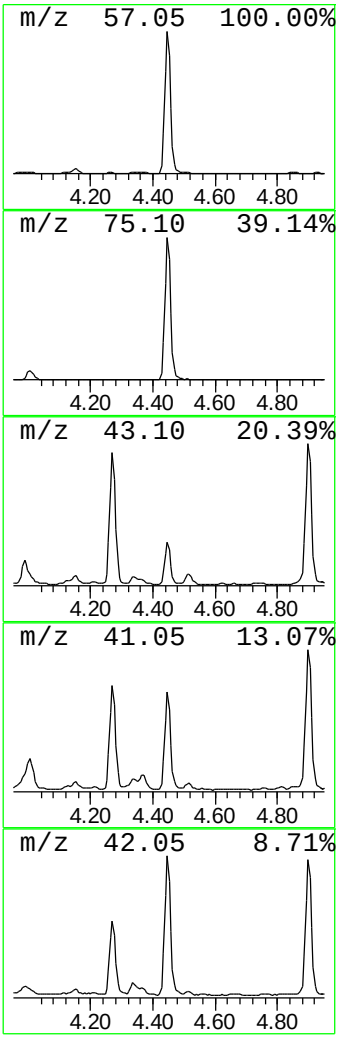
****
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	10.27 ng/ul	1052920	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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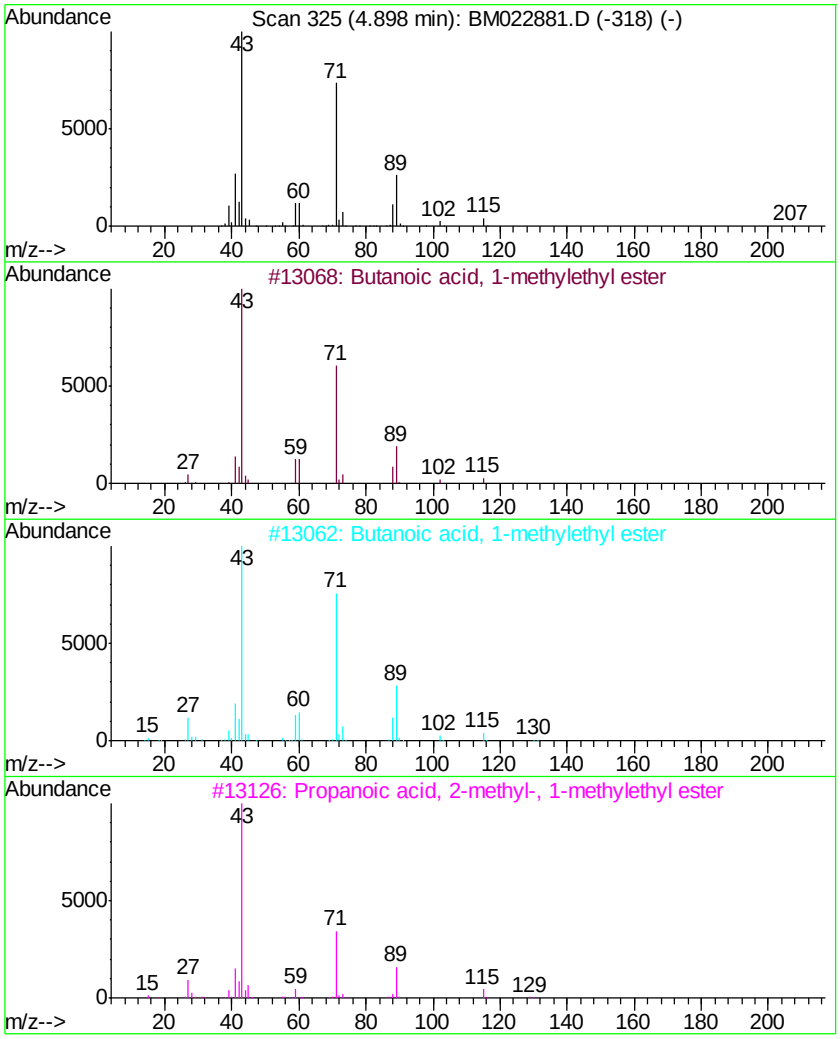
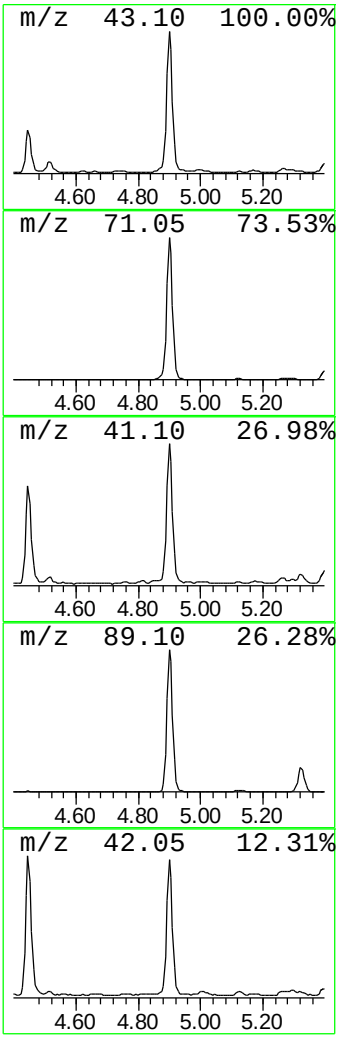
Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	11.17 ng/ul	1145560	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

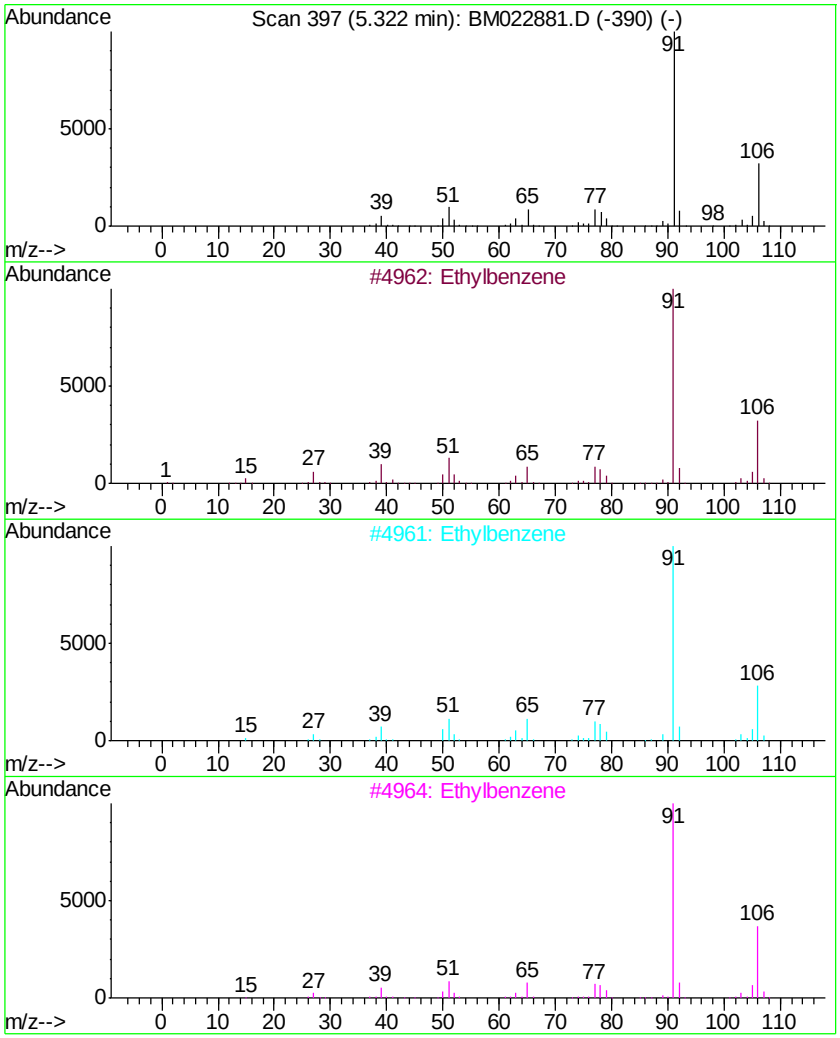
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

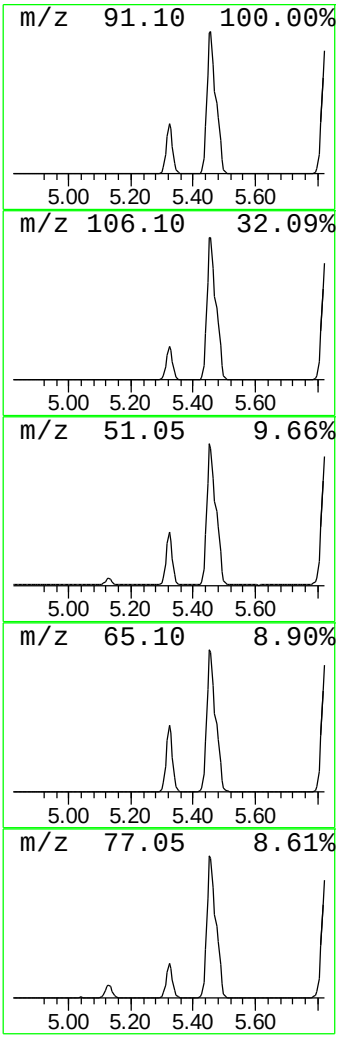
****

Peak Number 5 Ethylbenzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	14.27 ng/ul	1463310	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	p-Xylene	106	C8H10	000106-42-3	64





Library Search Compound Report

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Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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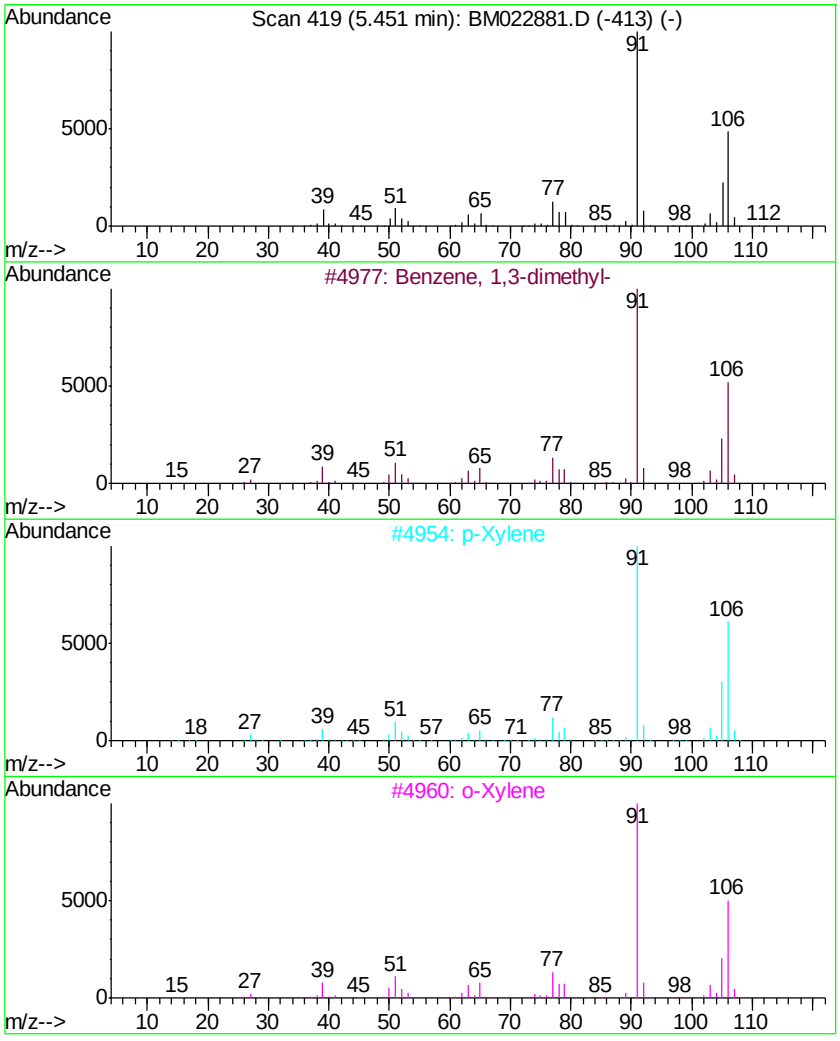
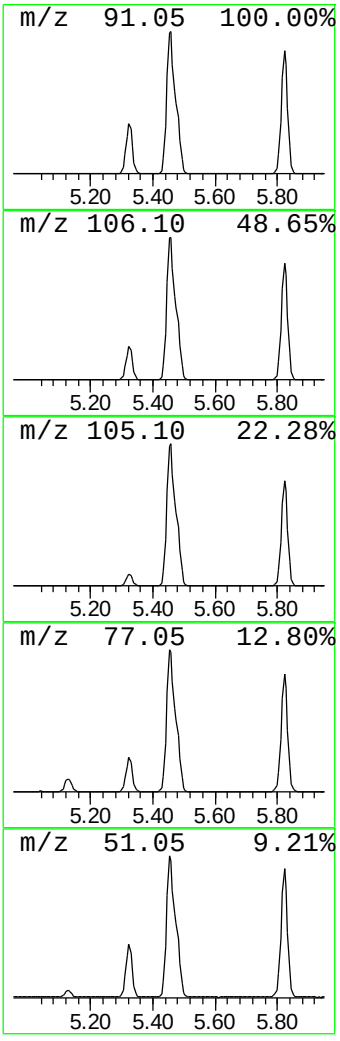
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	70.86 ng/ul	7264740	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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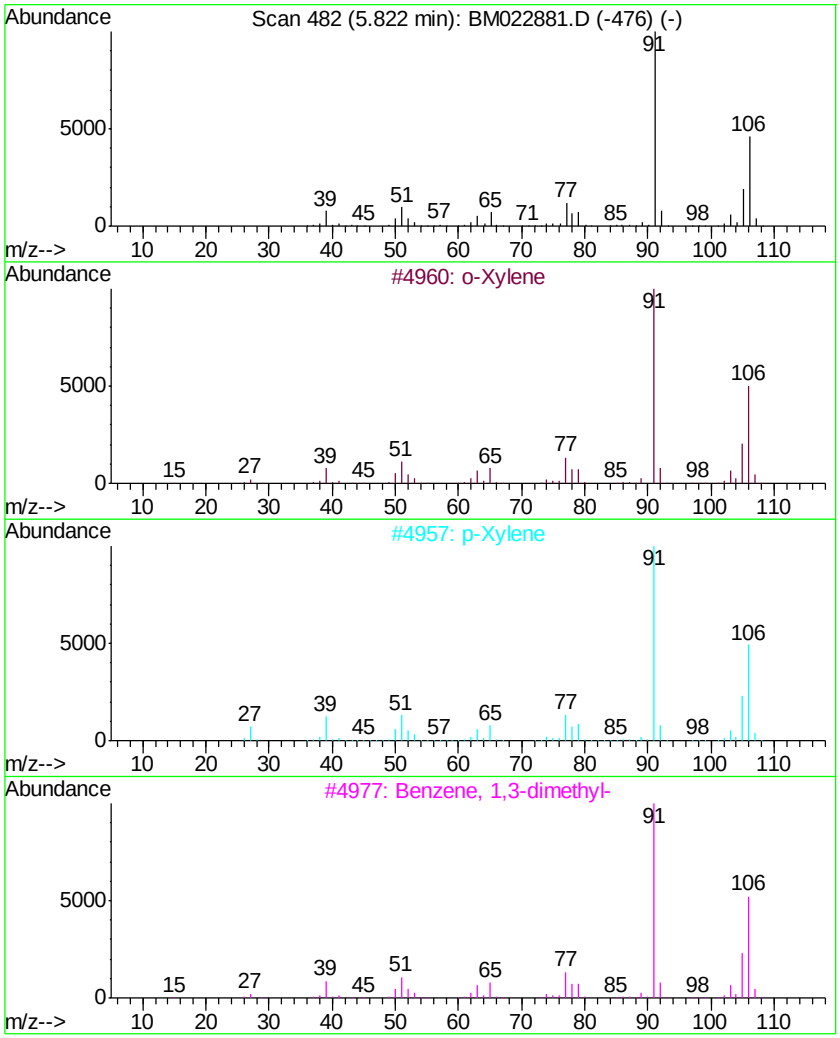
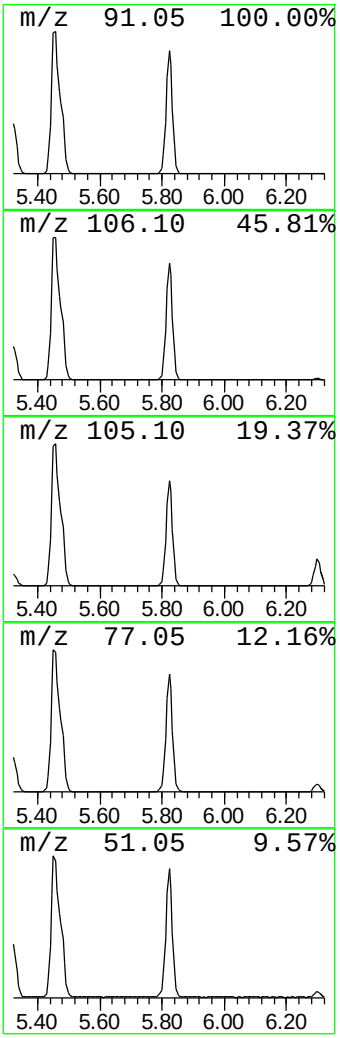
Peak Number 7 o-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	44.11 ng/ul	4522300	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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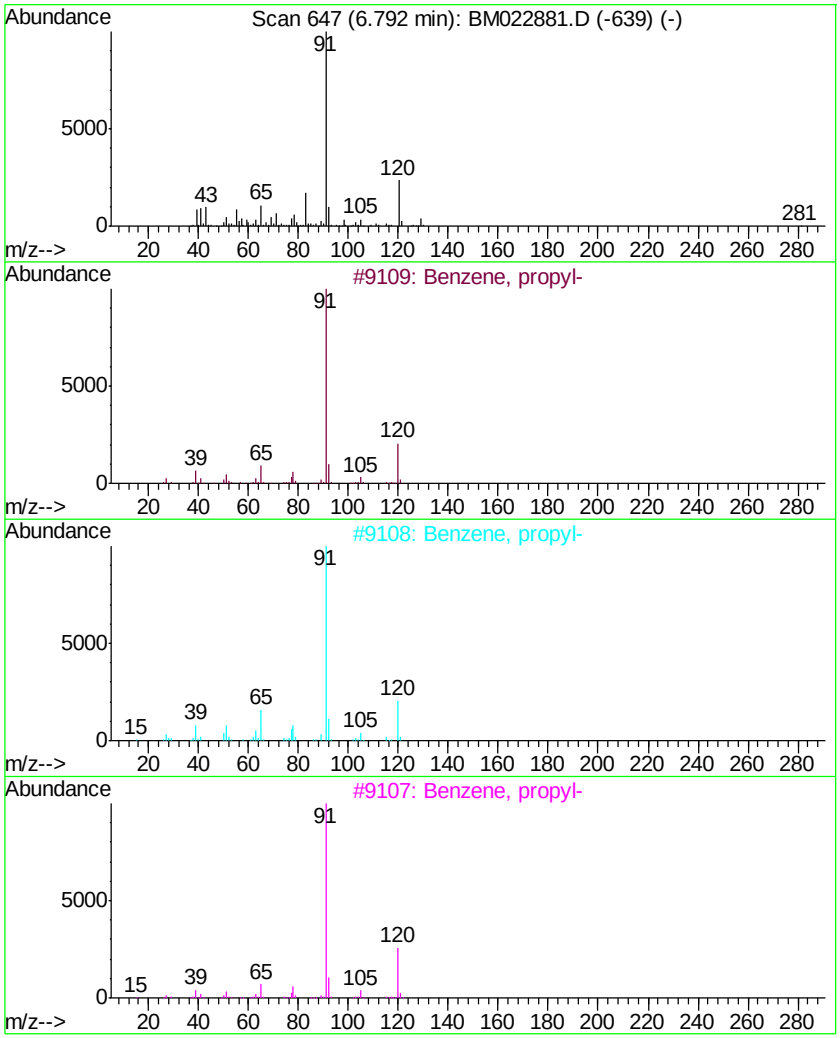
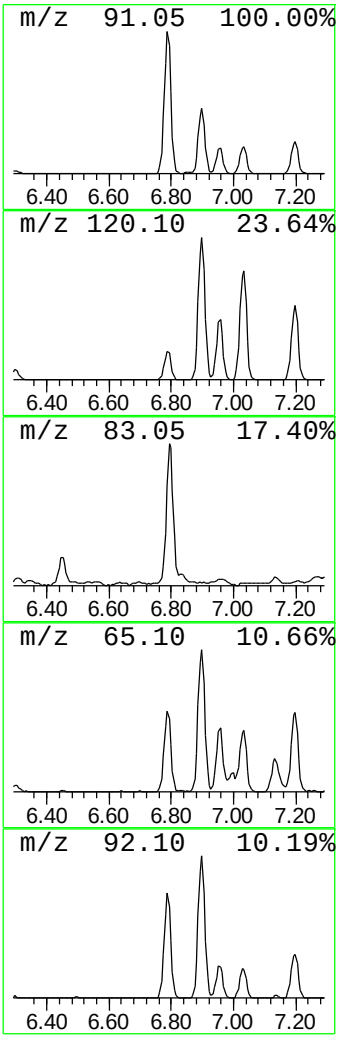
Peak Number 8 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	9.09 ng/ul	932311	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	68
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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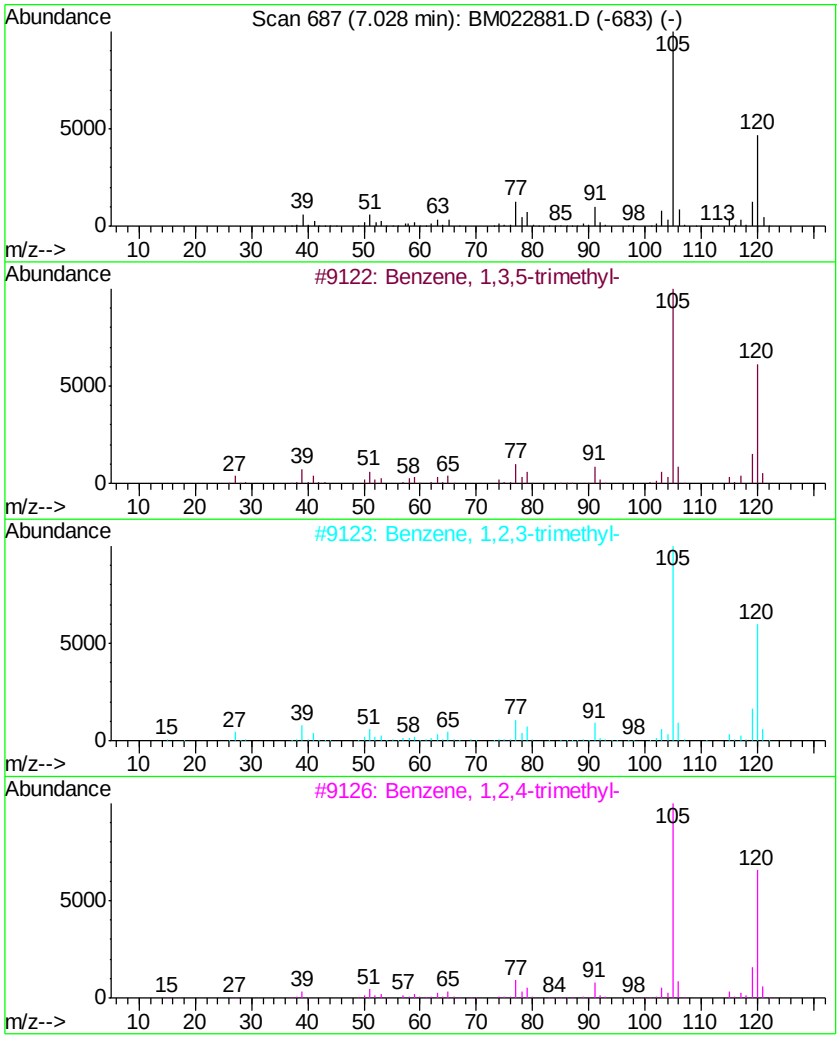
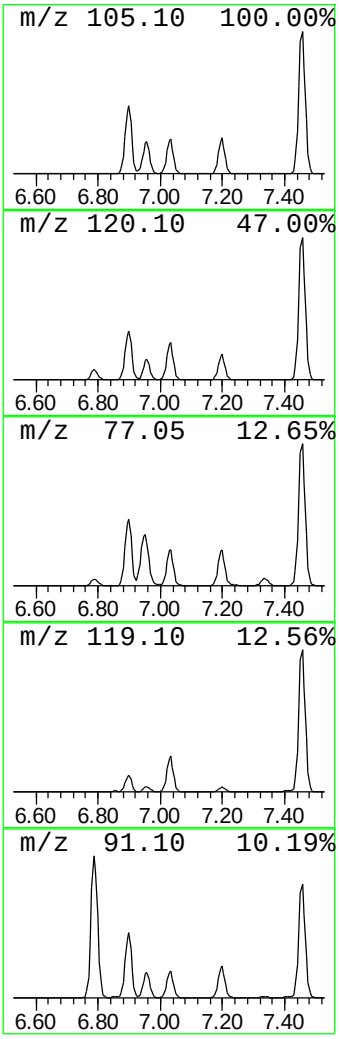
Peak Number 10 Benzene, 1,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	12.87 ng/ul	1319190	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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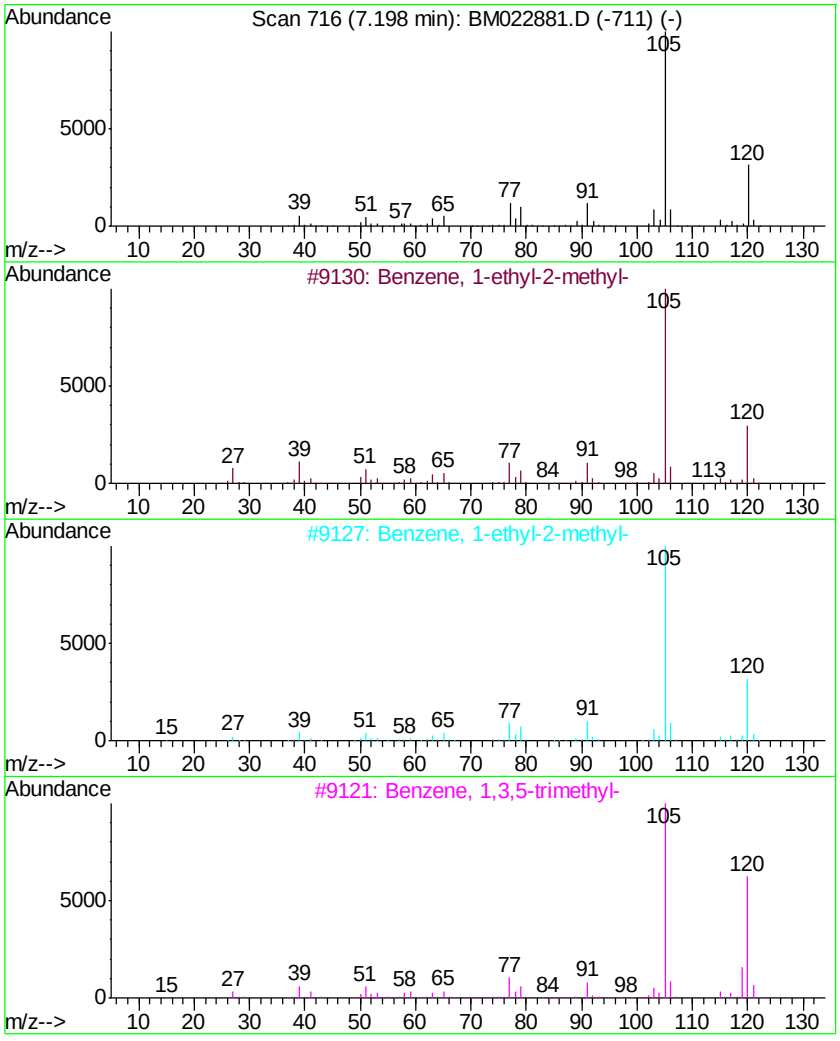
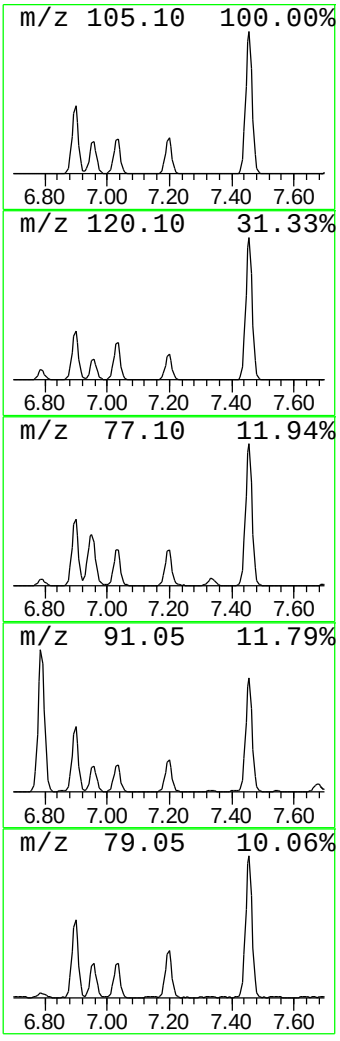
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	11.69 ng/ul	1198220	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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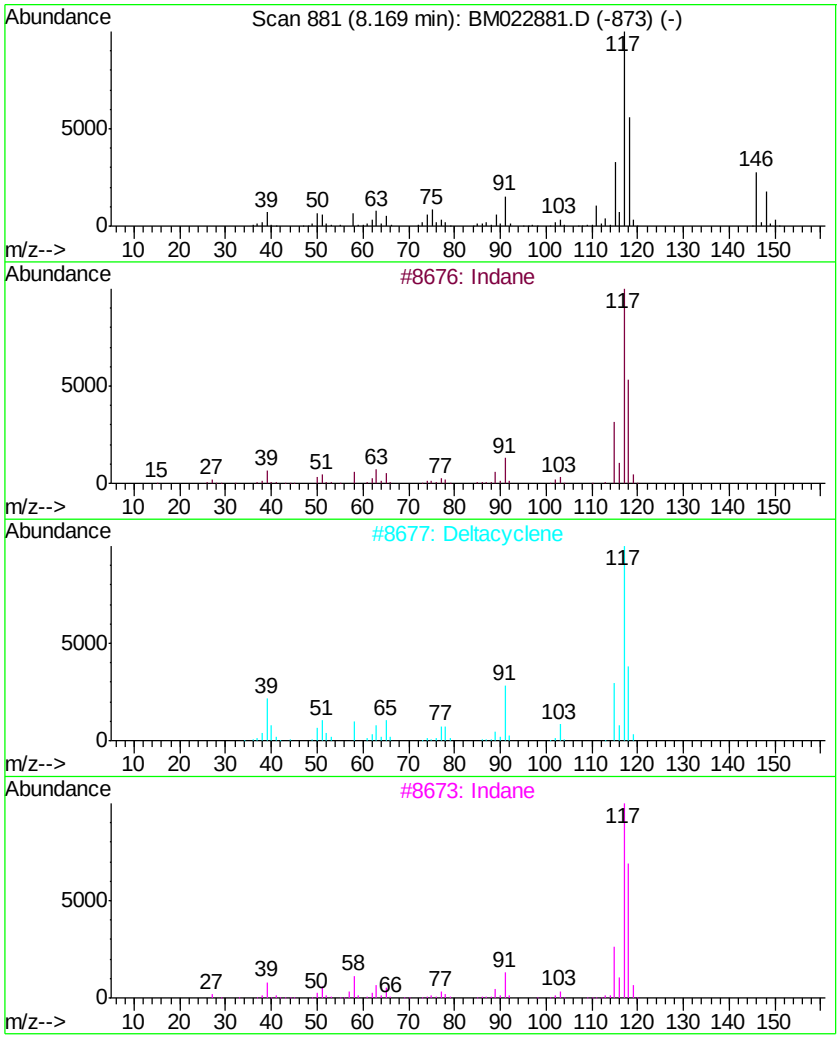
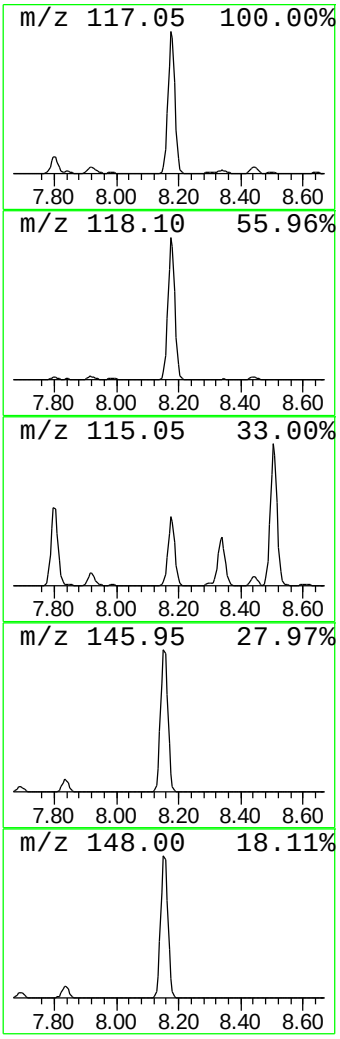
Peak Number 14 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	25.41 ng/ul	2605490	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Indane	118	C9H10	000496-11-7	60
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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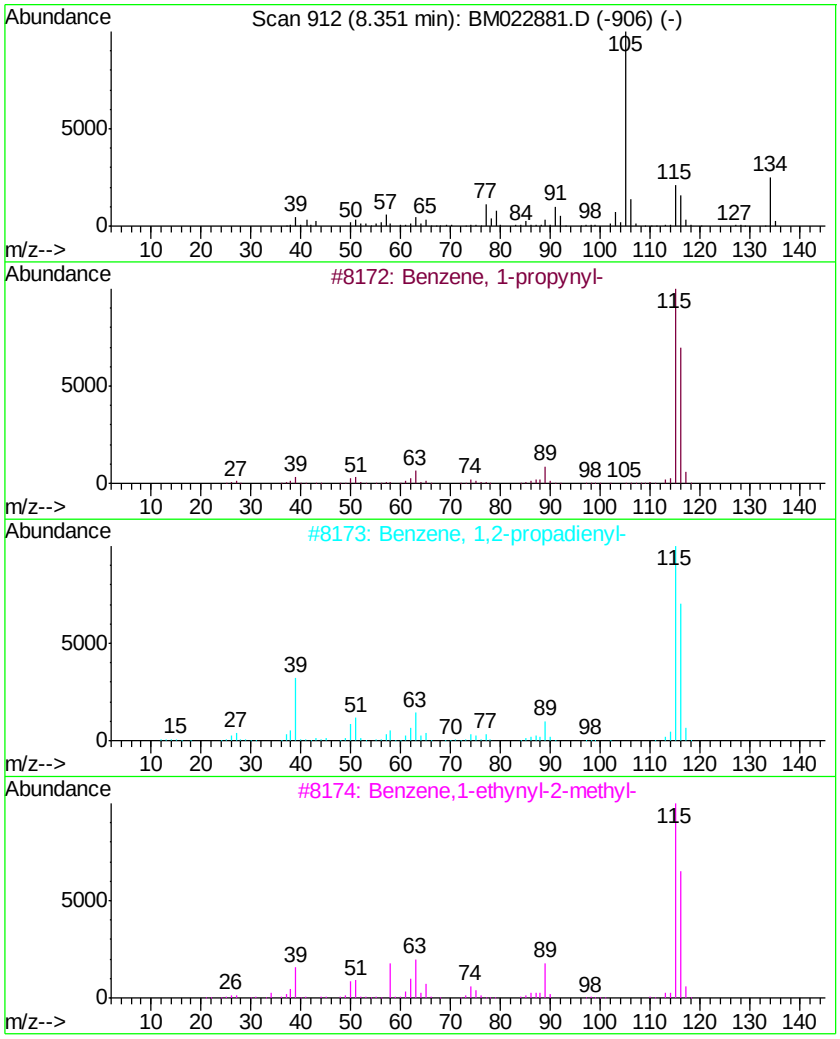
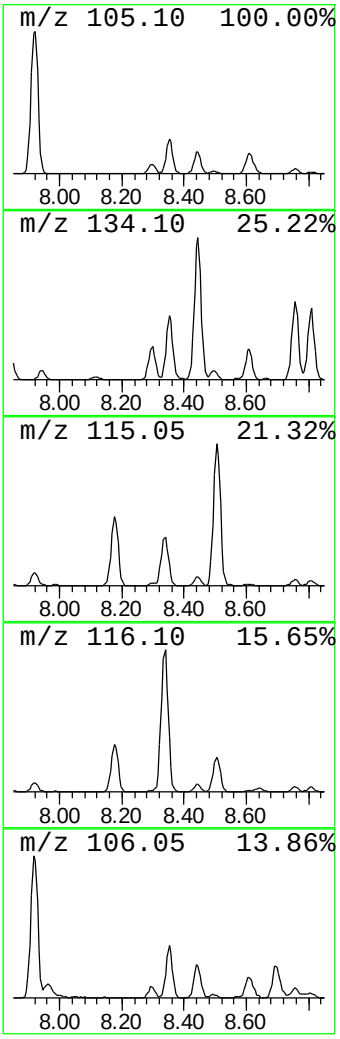
Peak Number 15 Benzene, 1-propynyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	6.92 ng/ul	709951	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	50
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	49
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	46
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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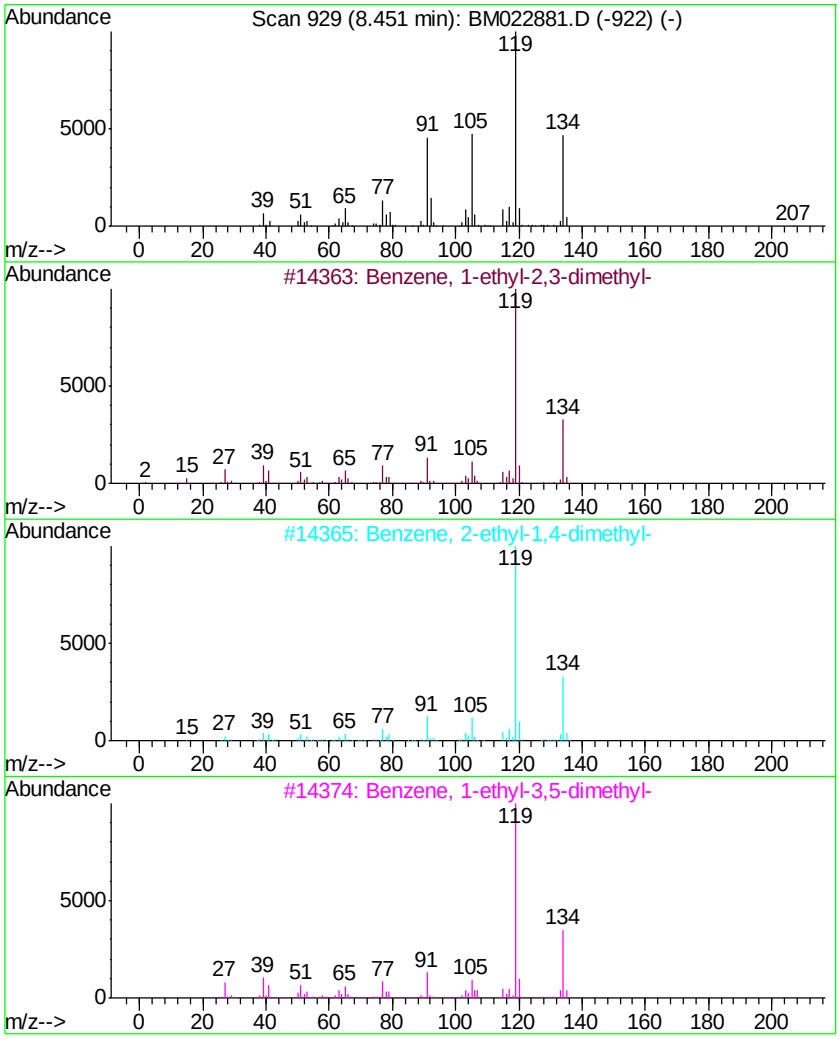
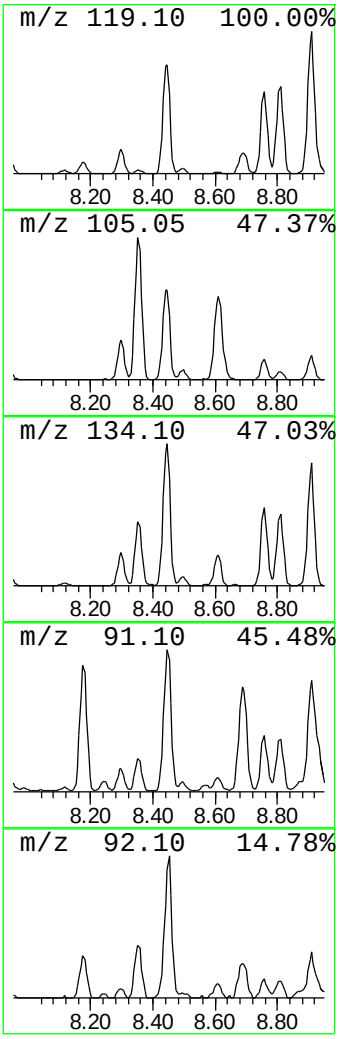
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	8.83 ng/ul	905754	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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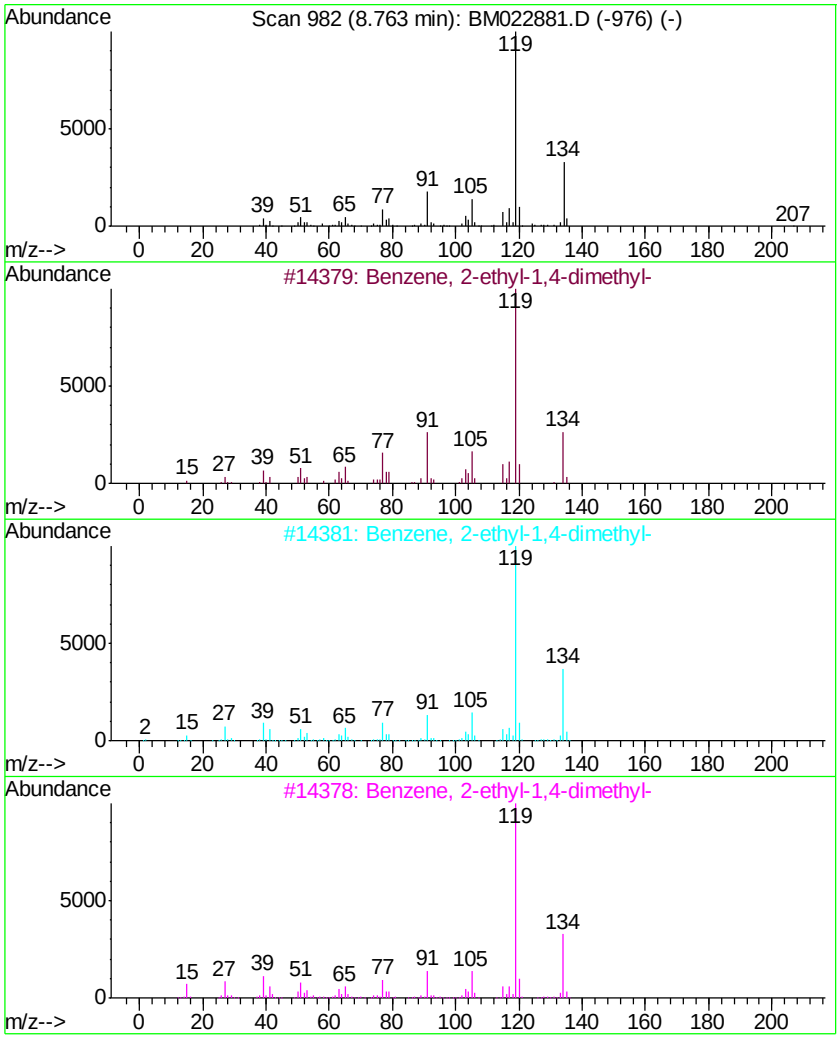
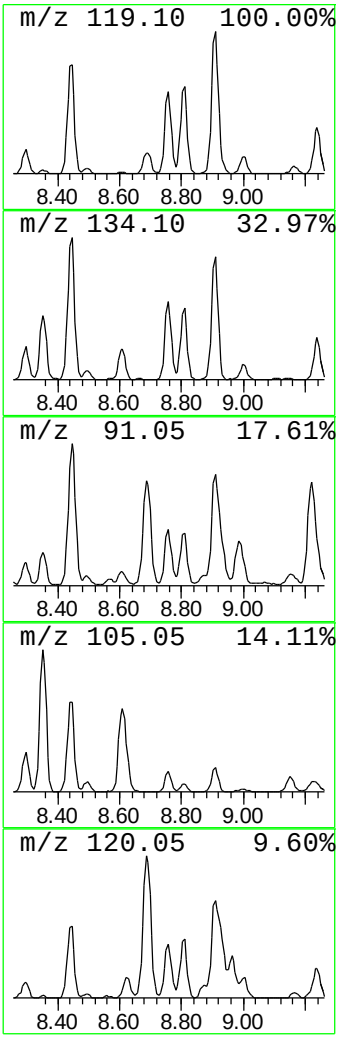
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.58 ng/ul	469326	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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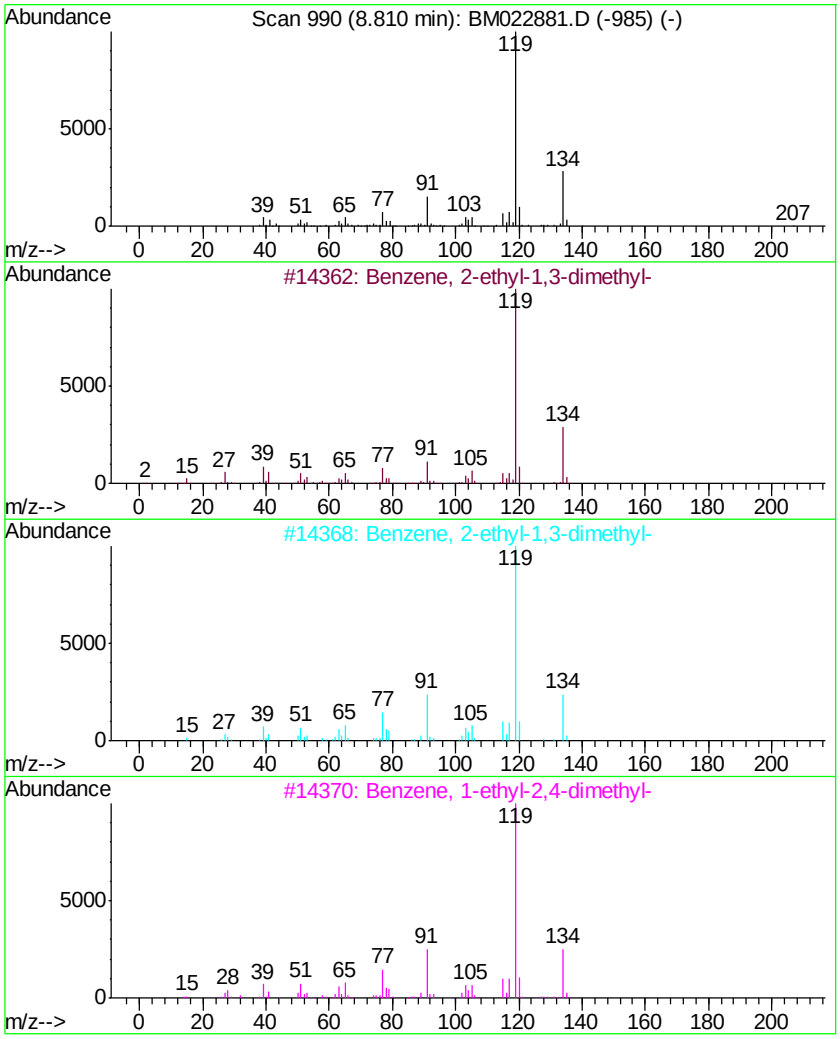
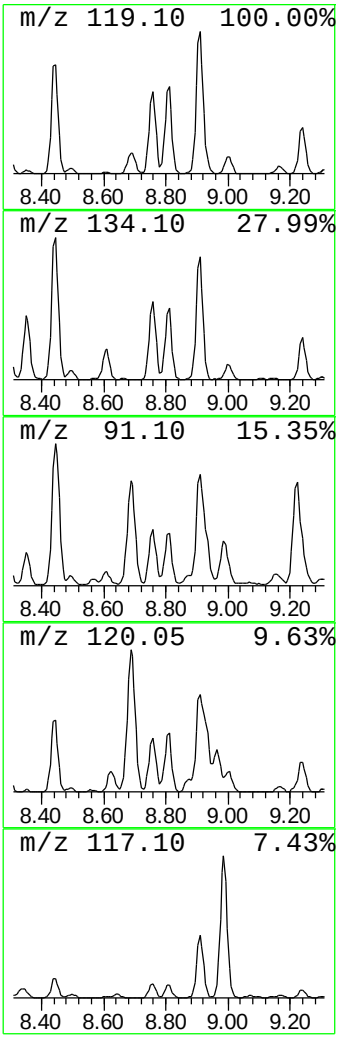
Peak Number 18 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.69 ng/ul	481146	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Phenol, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	7.99 ng/ul	1388320	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
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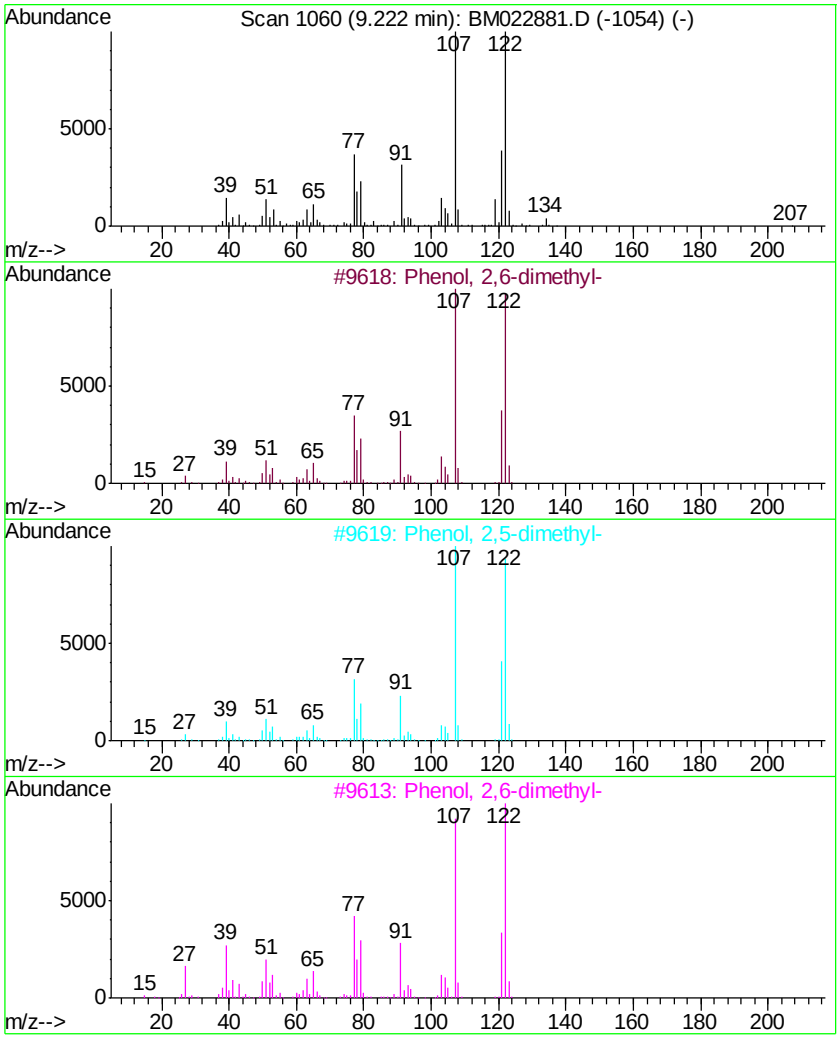

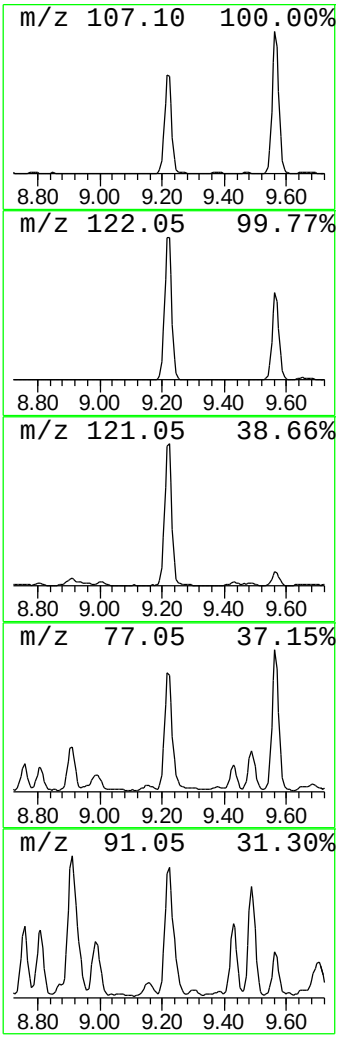

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ClientSampleId : BFDM5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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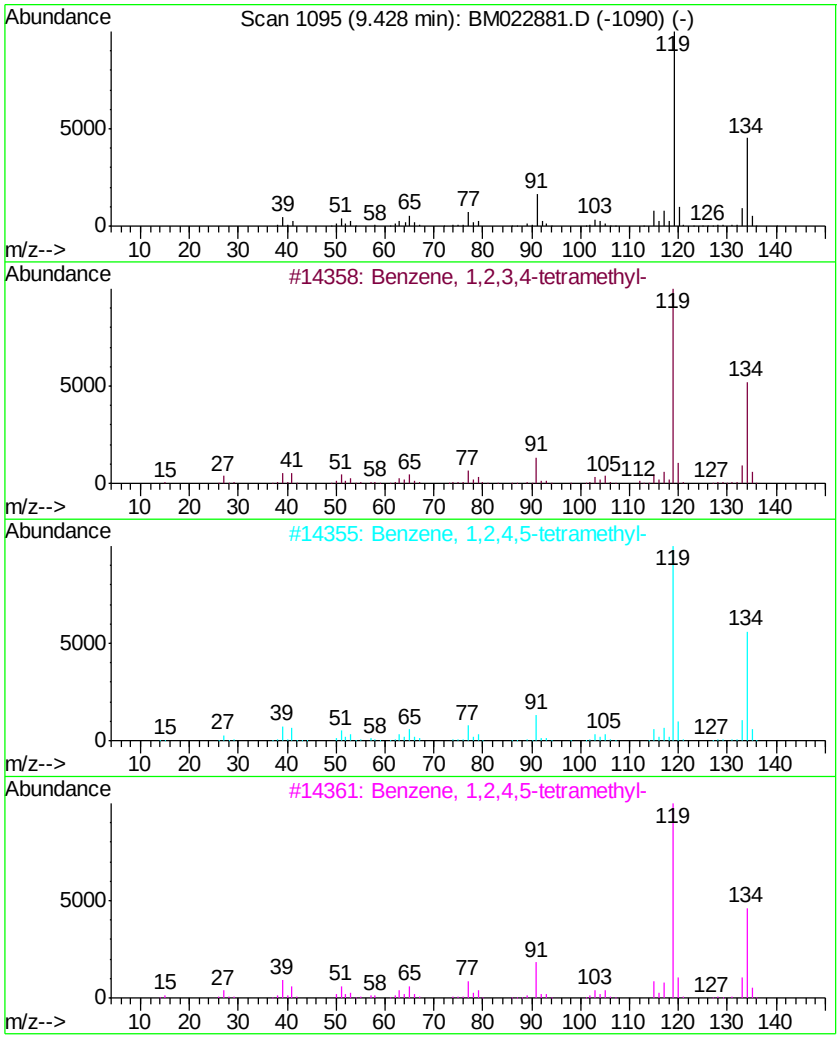
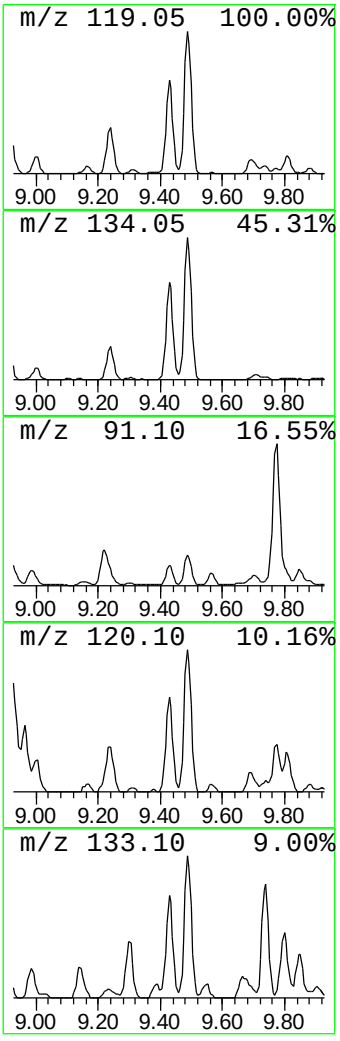
Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.42 ng/ul	595001	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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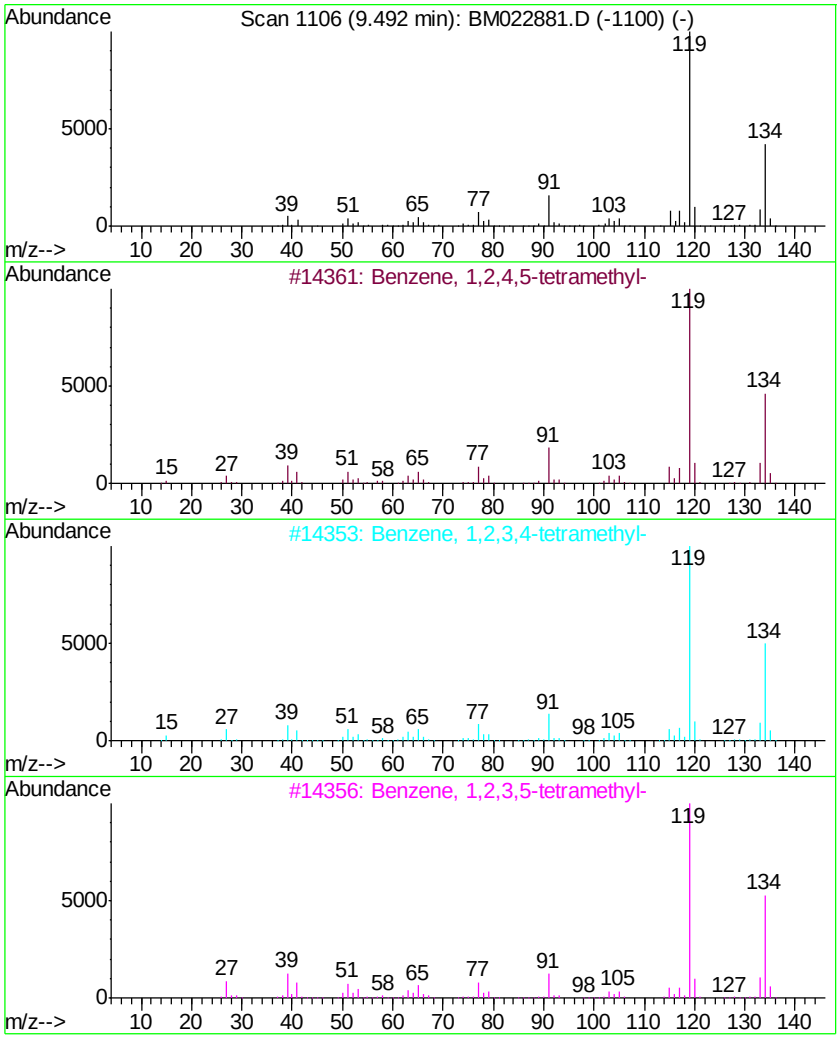
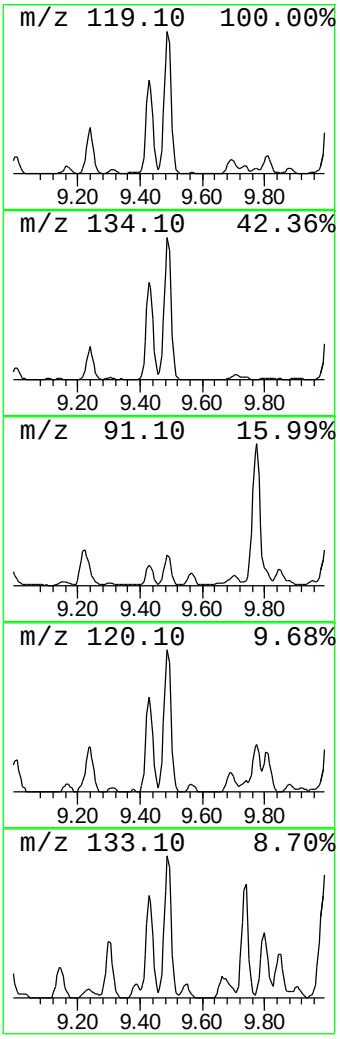
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	5.26 ng/ul	913402	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





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Misc :
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Instrument : BNA_M
ClientSampleId : BFDM5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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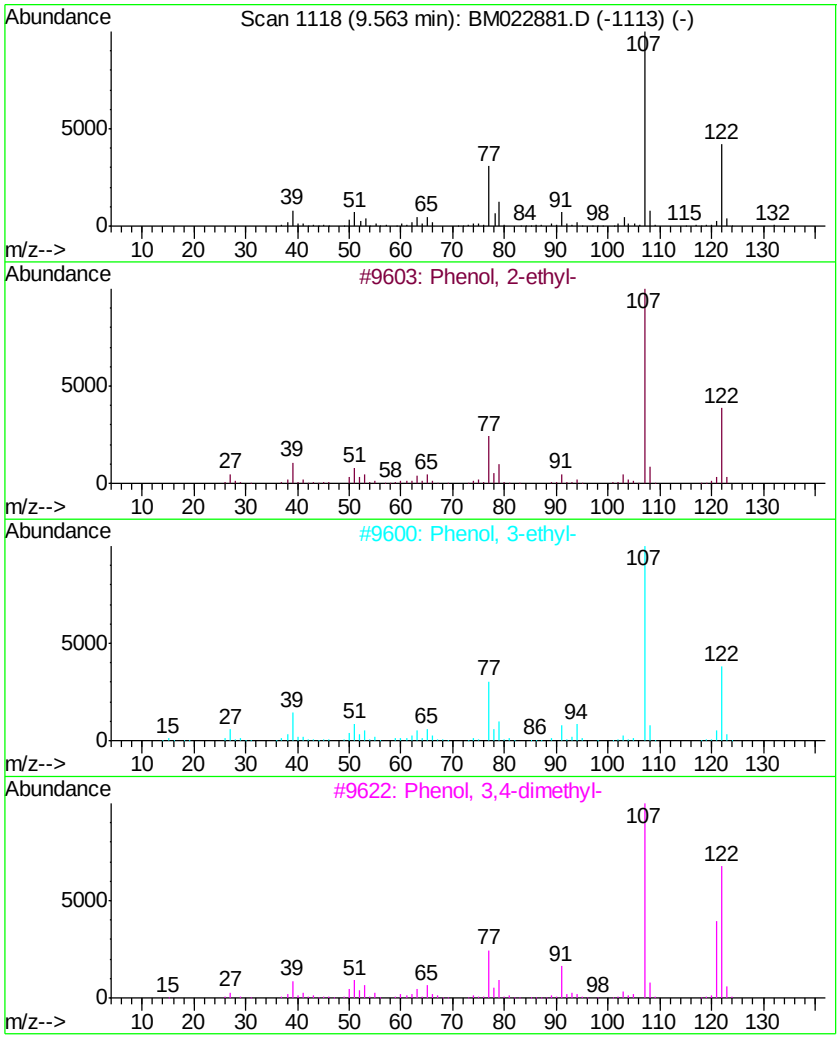
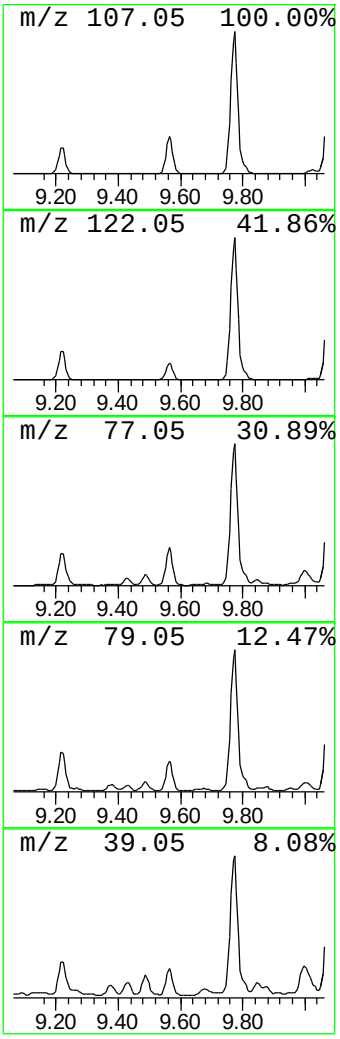
Peak Number 22 Phenol, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.51 ng/ul	783364	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90





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Instrument : BNA_M
ClientSampleId : BFDM5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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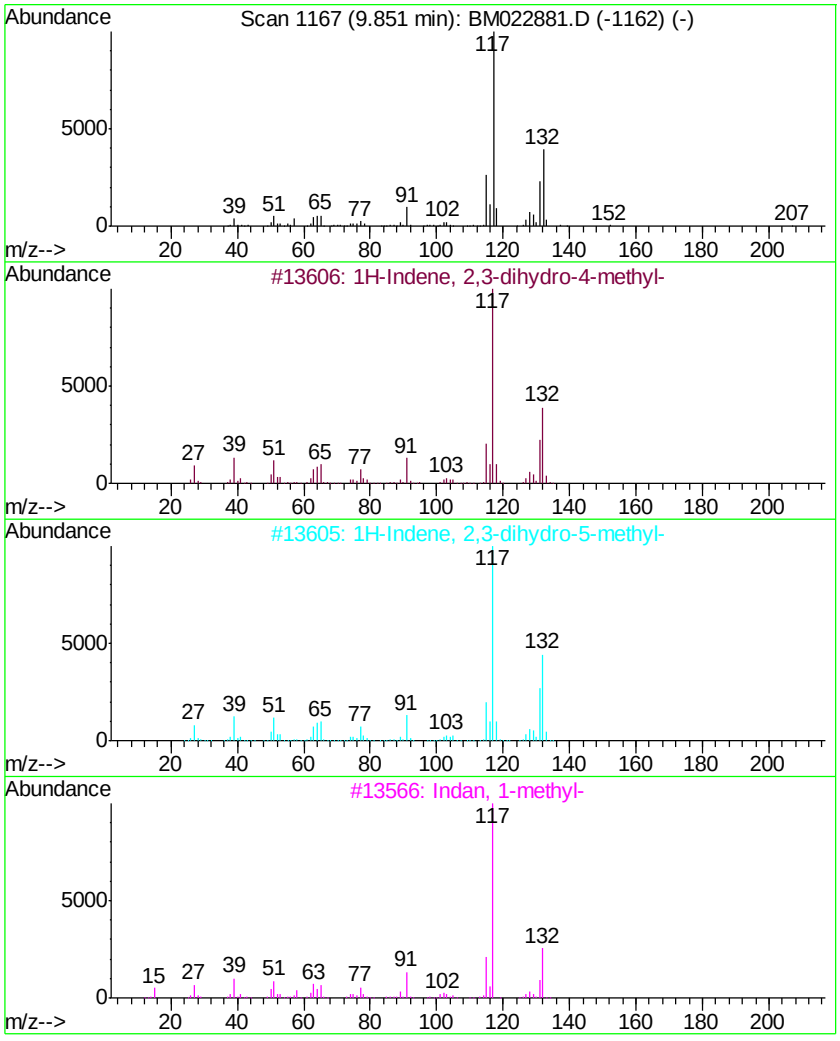
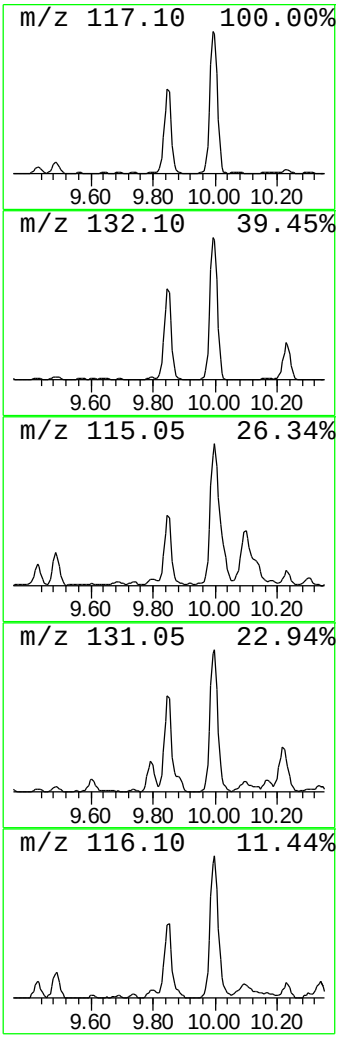
Peak Number 23 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.64 ng/ul	459432	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	83
4	Indan, 1-methyl-	132	C10H12	000767-58-8	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Instrument : BNA_M
ClientSampleId : BFDM5

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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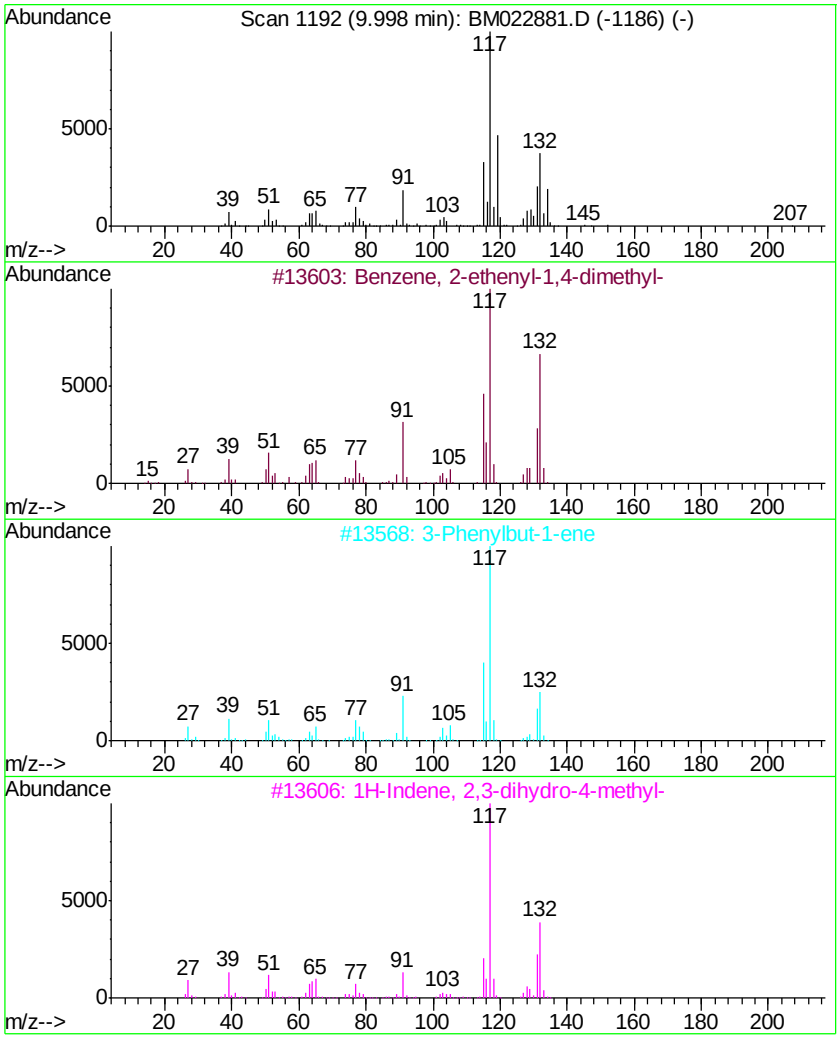
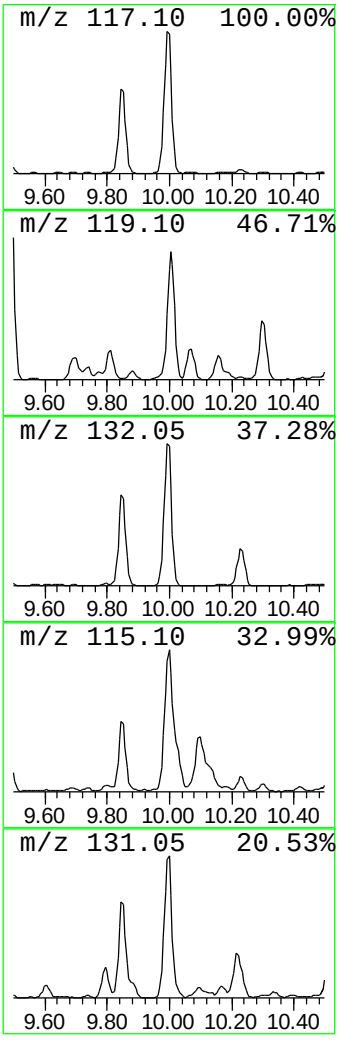
Peak Number 24 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	11.58 ng/ul	2012630	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	70





Library Search Compound Report

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Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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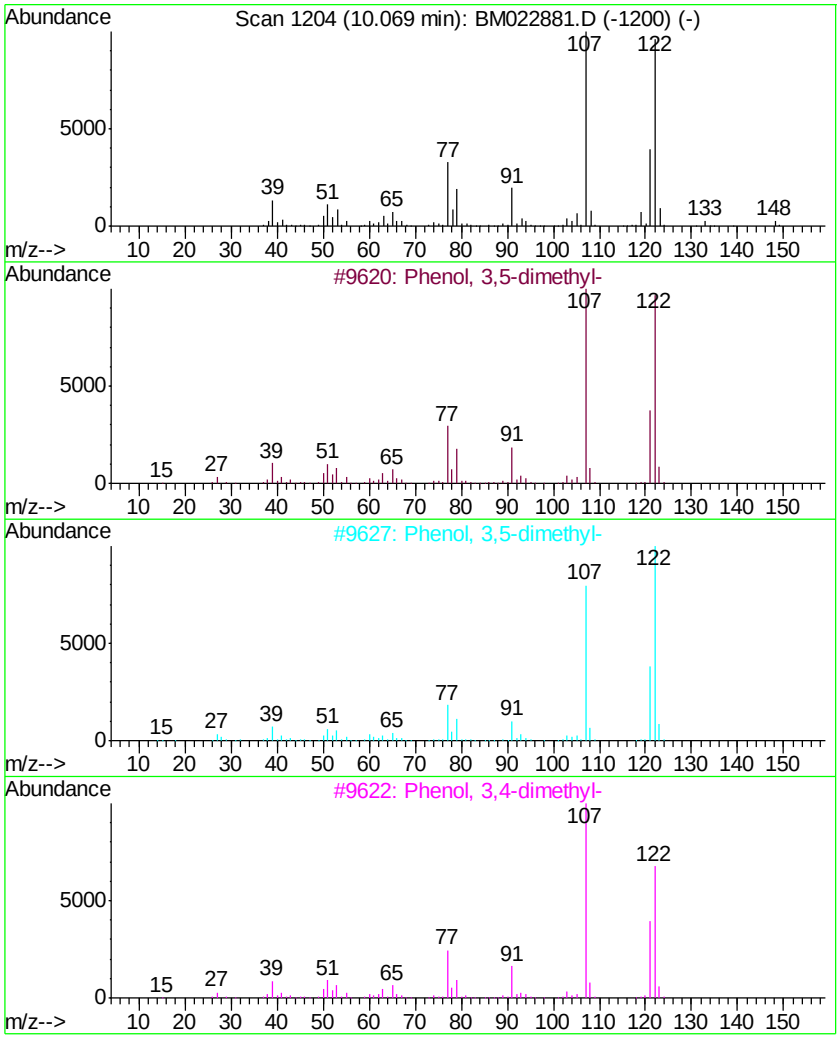
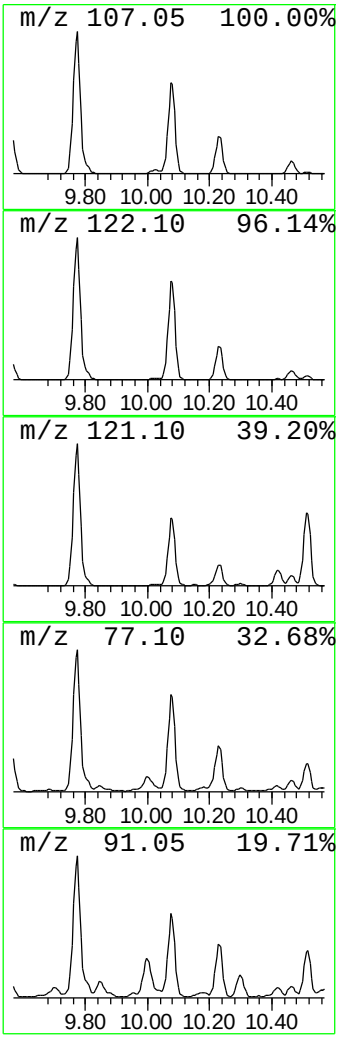
Peak Number 25 Phenol, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	19.80 ng/ul	3440770	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93





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Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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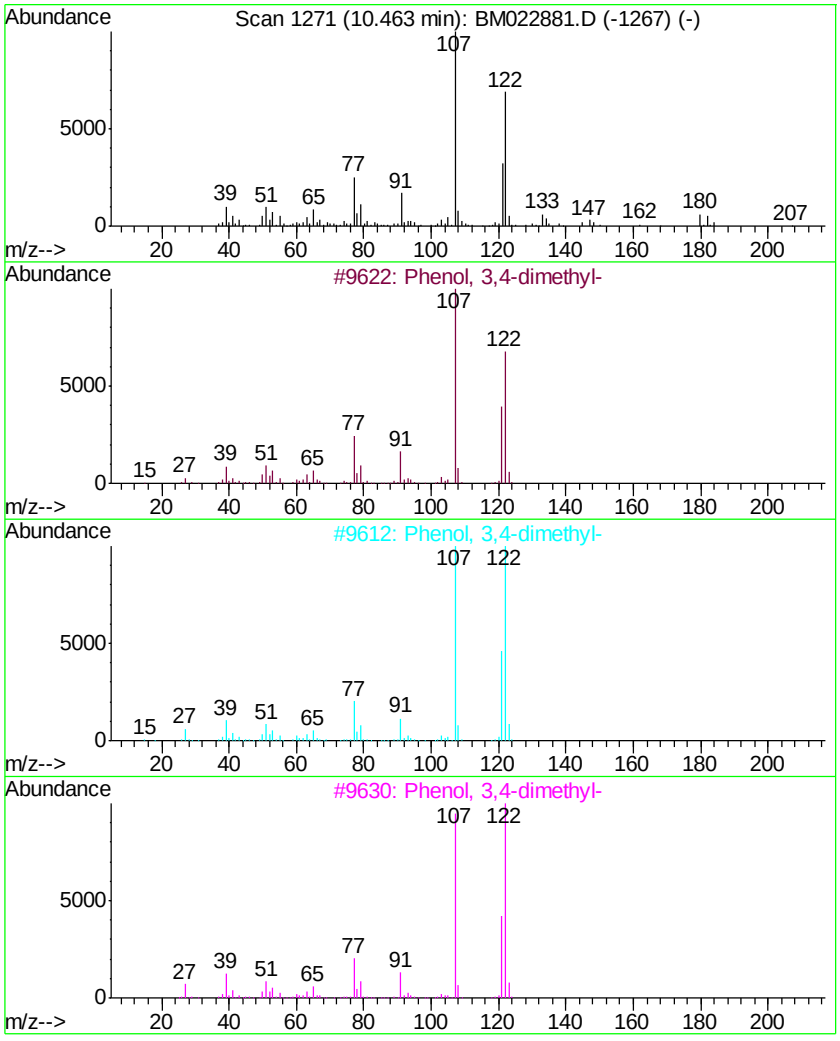
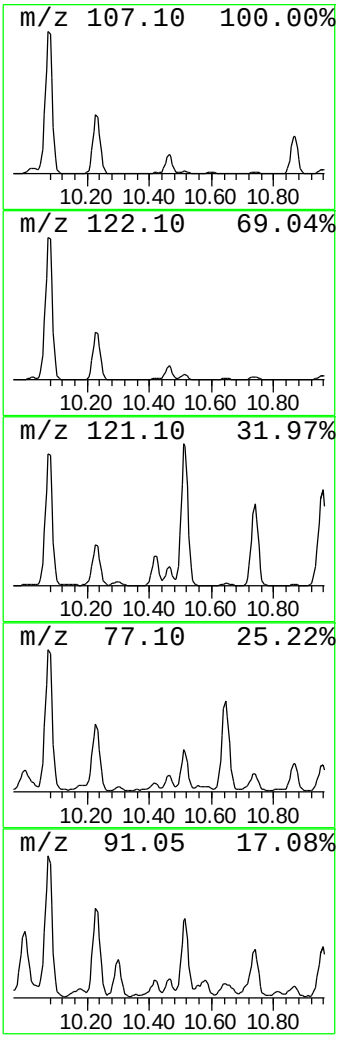
Peak Number 26 Phenol, 3,4-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.85 ng/ul	494779	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





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Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 28 Phenol, 2-propyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.97 ng/ul	516550	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	94
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	91
3	Phenol, 4-propyl-	136	C9H12O	000645-56-7	86
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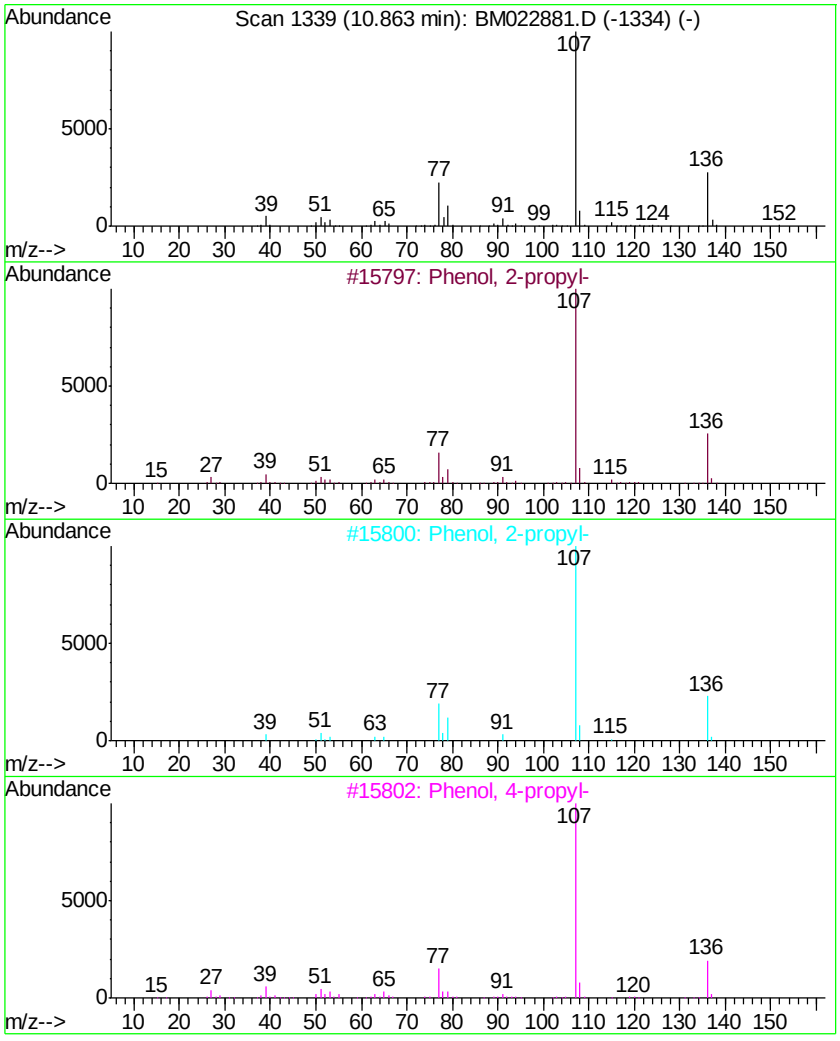

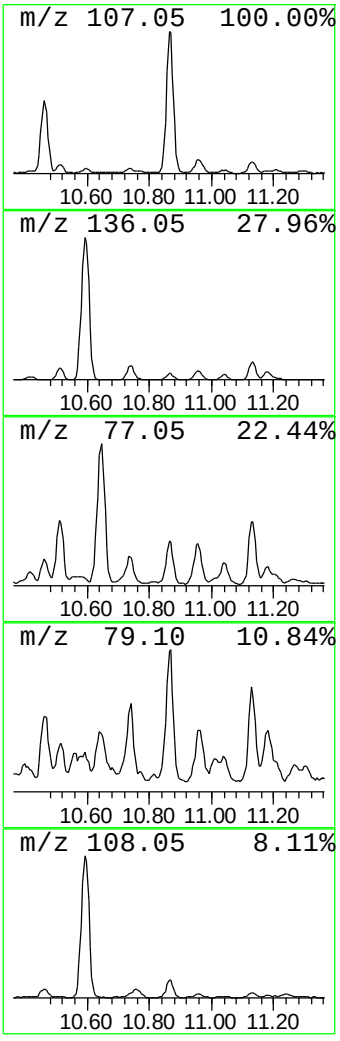

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Instrument : BNA_M
ClientSampleId : BFDM5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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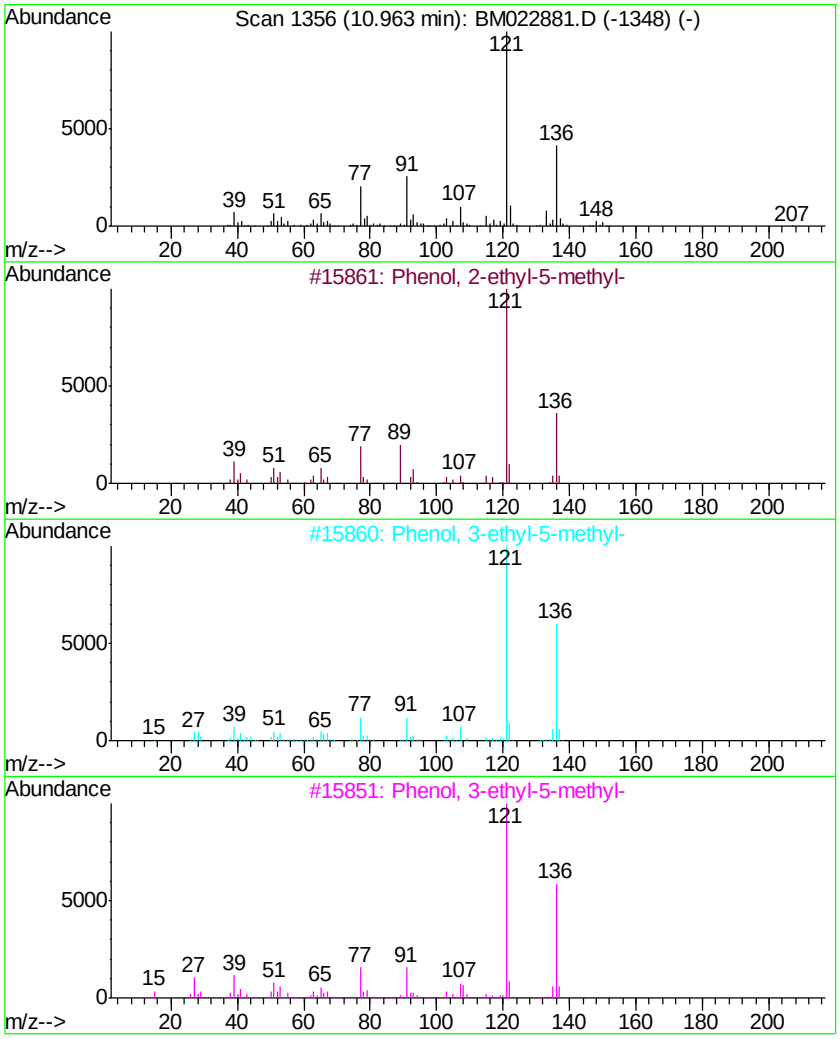
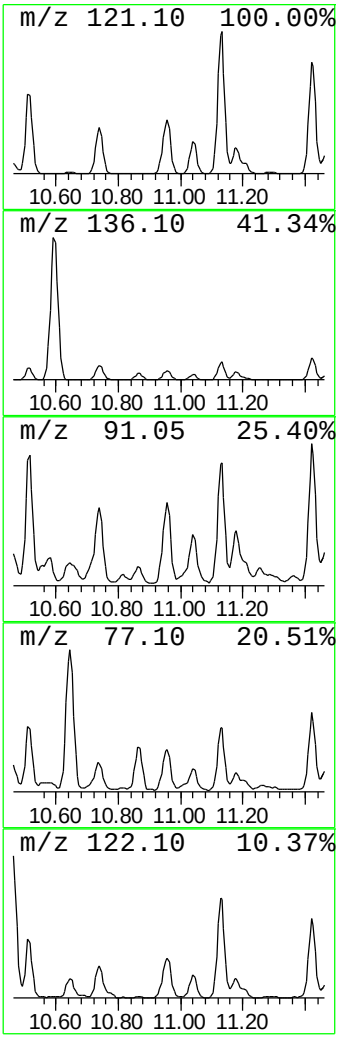
Peak Number 29 Phenol, 2-ethyl-5-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	4.36 ng/ul	758502	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	93
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
5	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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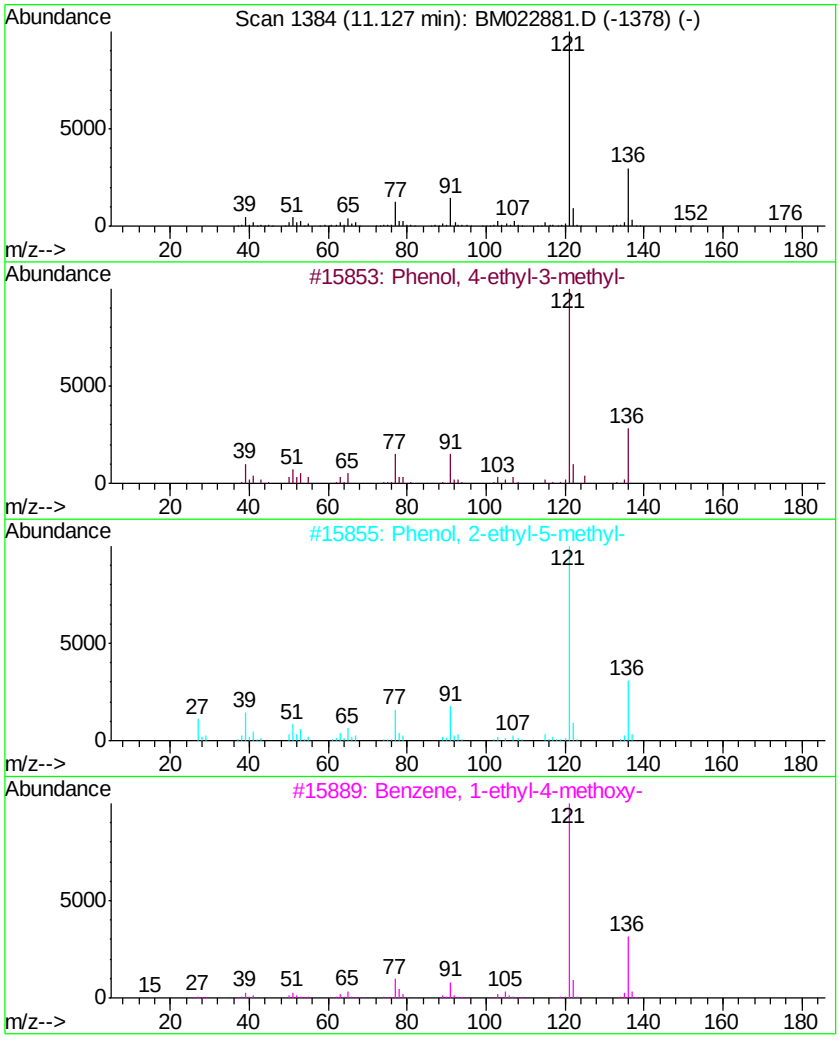
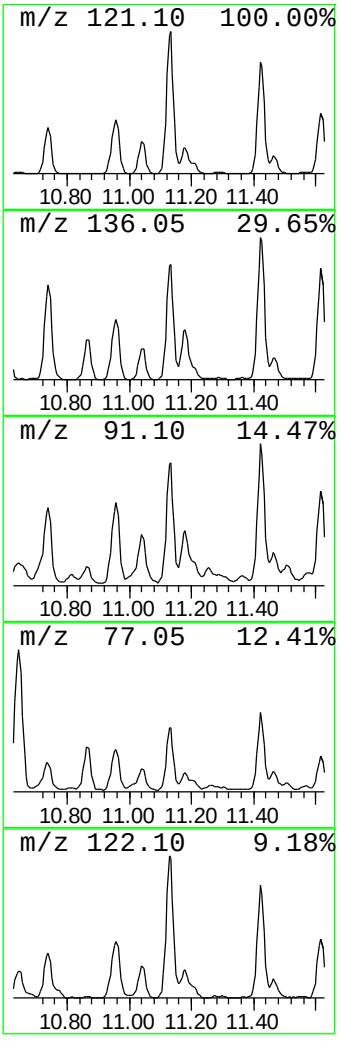
Peak Number 31 Phenol, 4-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.67 ng/ul	1333330	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90





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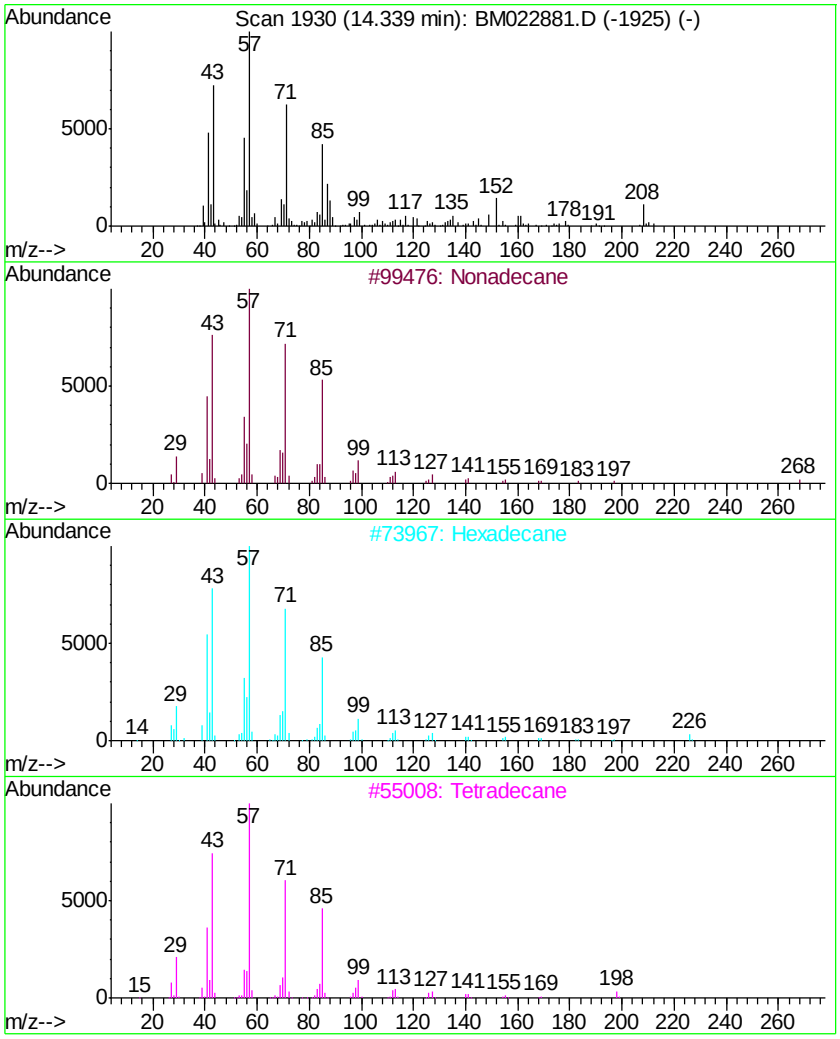
Quant Title : SVOA CALIBRATION

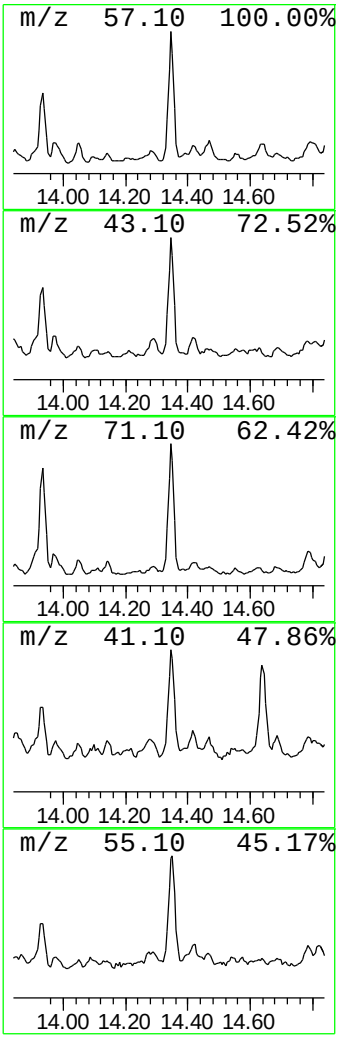
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.20 ng/ul	693422	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	53
2	Hexadecane	226	C16H34	000544-76-3	53
3	Tetradecane	198	C14H30	000629-59-4	49
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	47
5	Tetradecane	198	C14H30	000629-59-4	43





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ALS Vial : 27 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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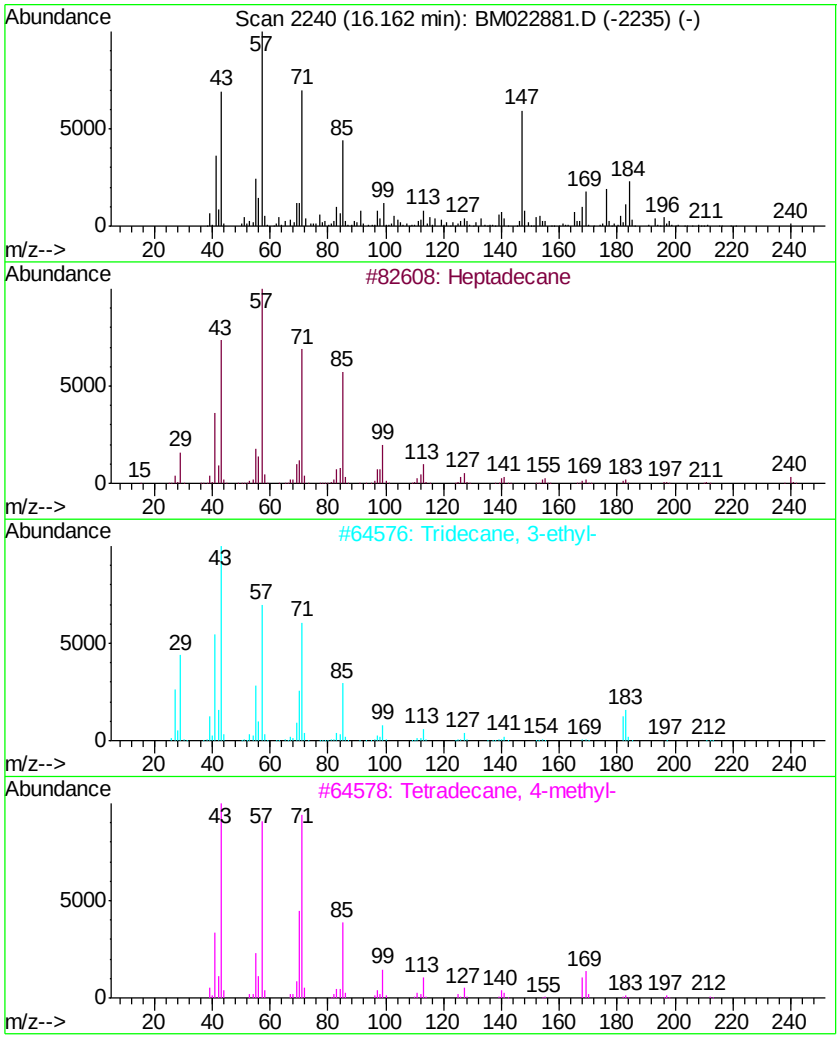
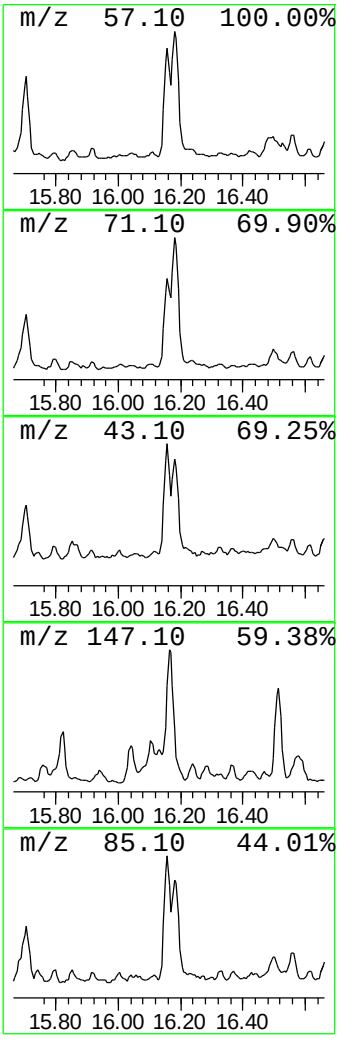
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.05 ng/ul	527371	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	55
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	55
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	55
5	Tridecane	184	C13H28	000629-50-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

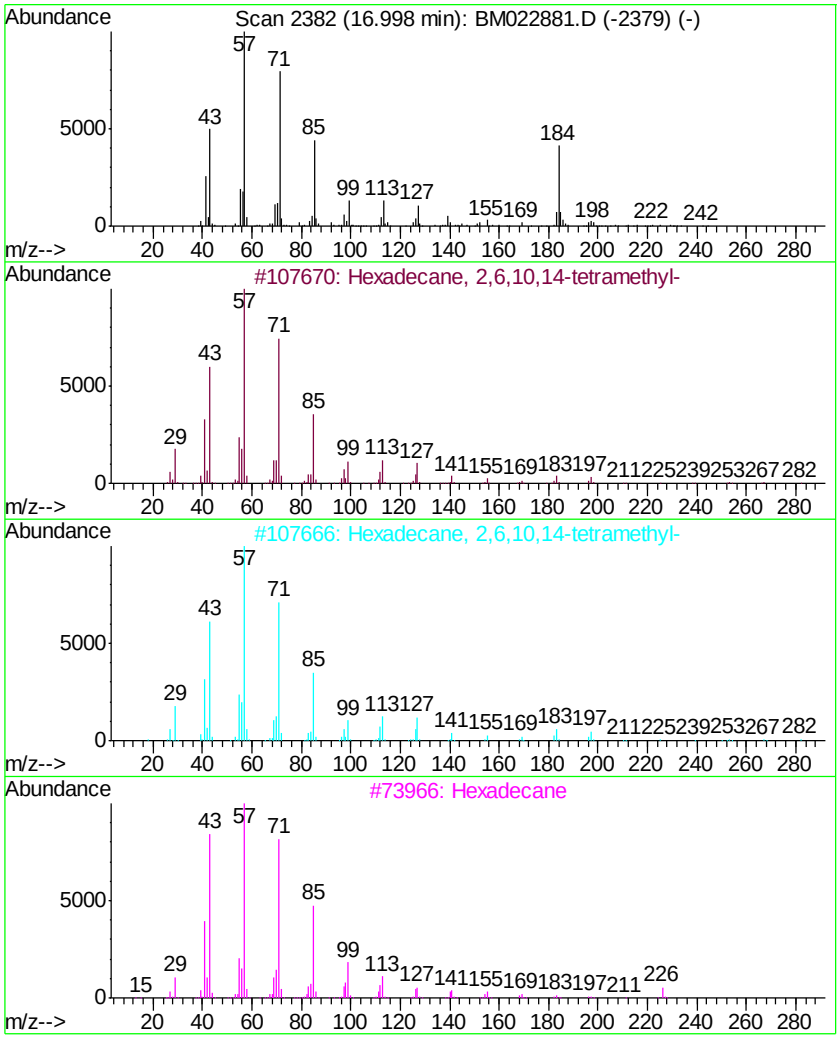
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

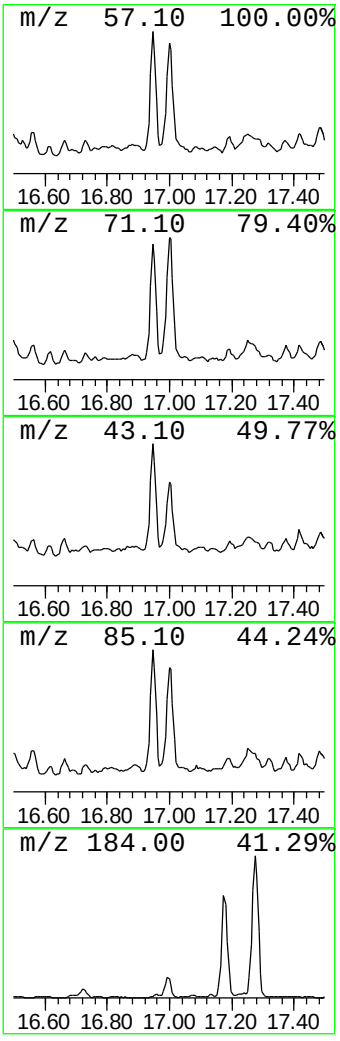
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	3.05 ng/ul	526749	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

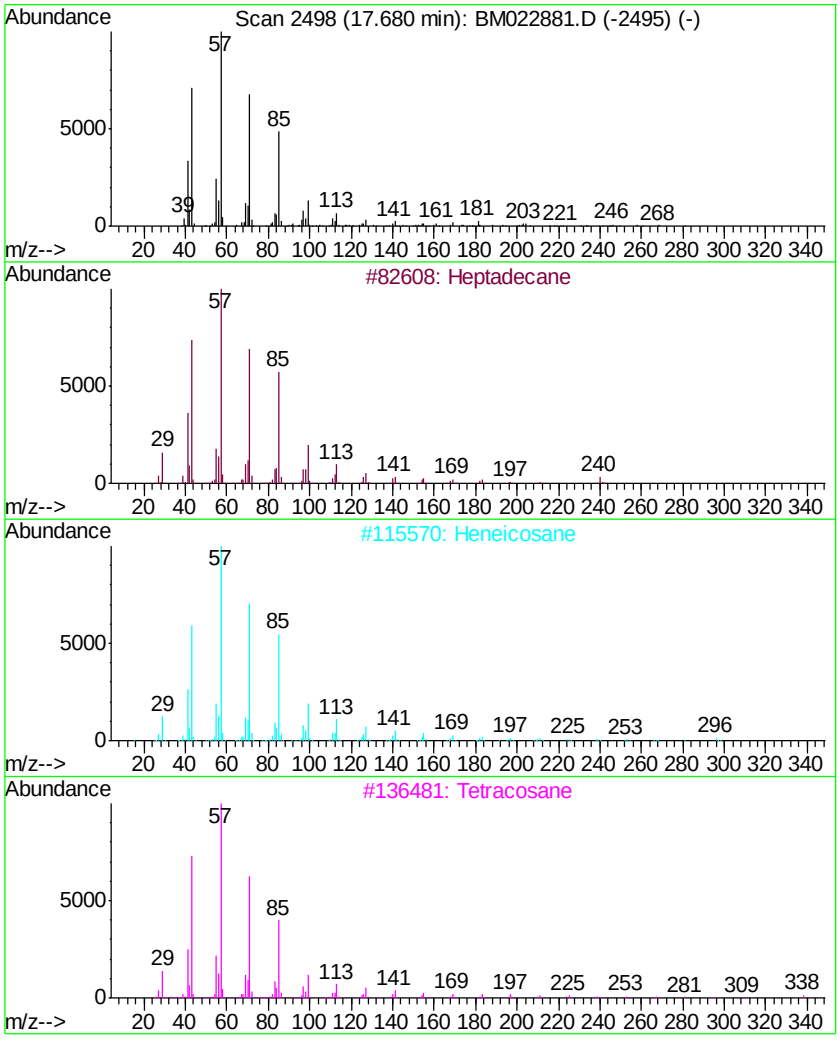
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

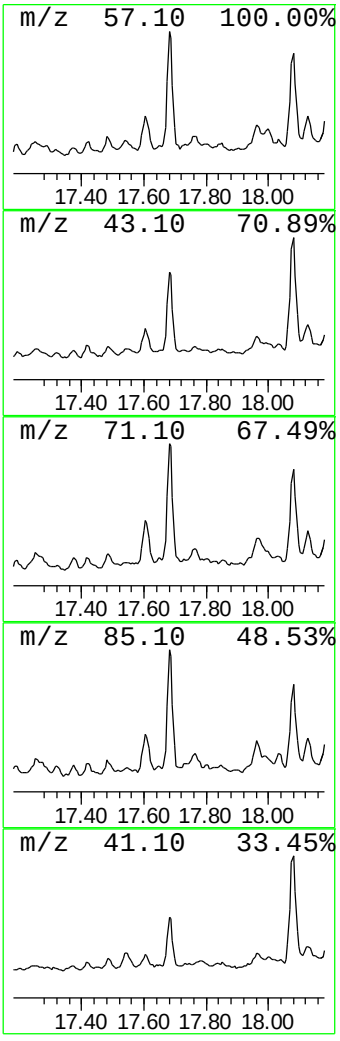
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	2.71 ng/ul	468165	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





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Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

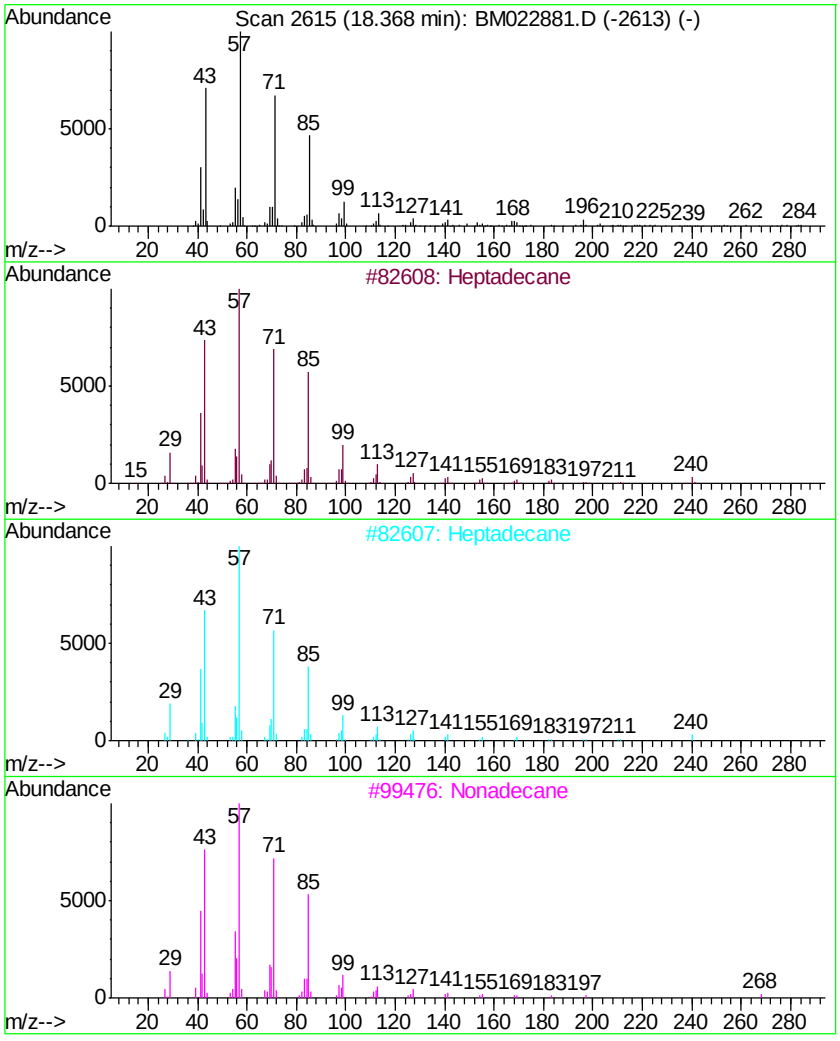
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

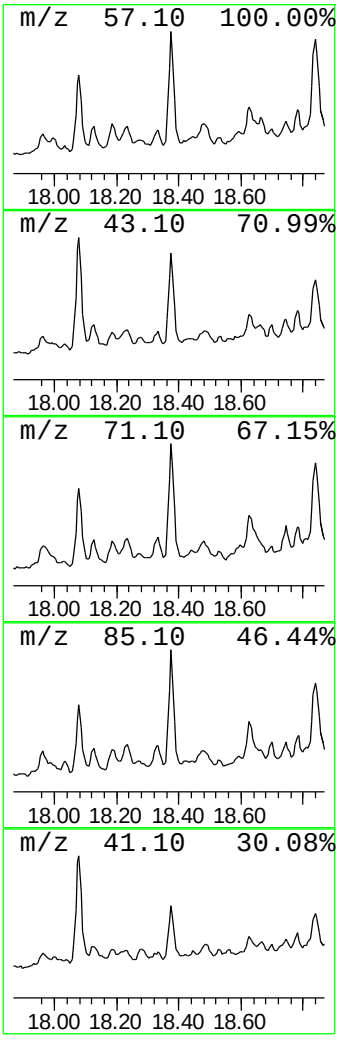
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.19 ng/ul	552571	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetradecane	198	C14H30	000629-59-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

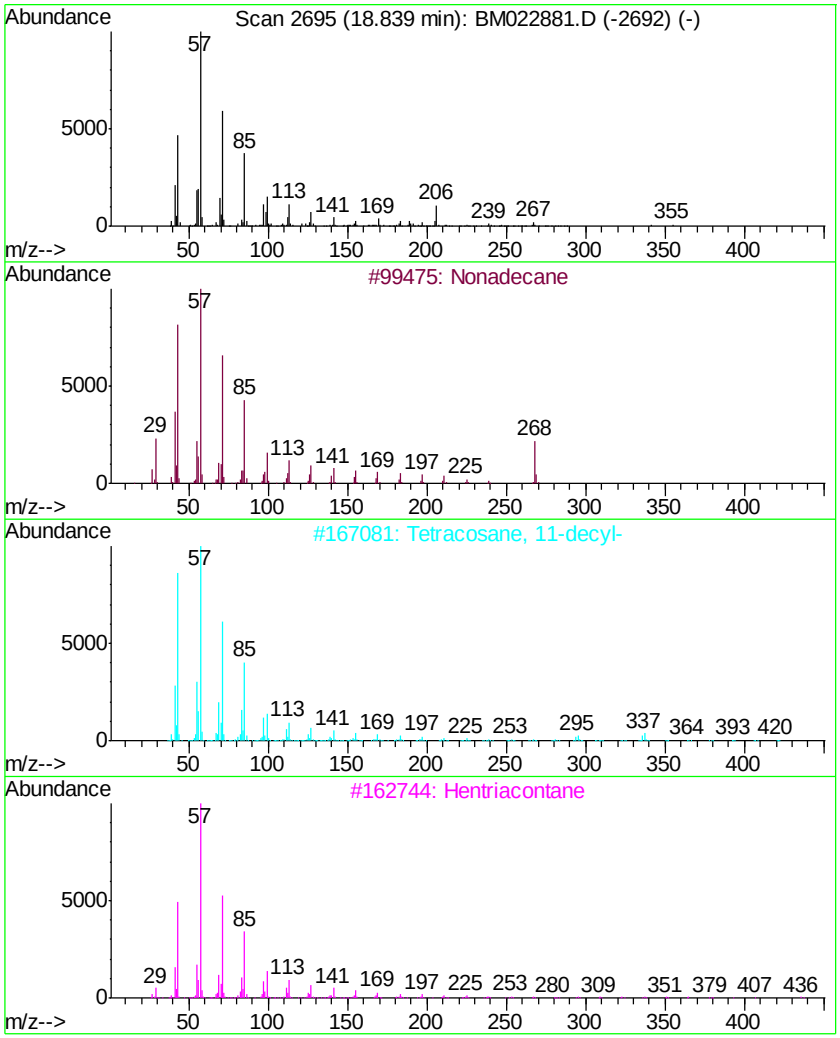
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

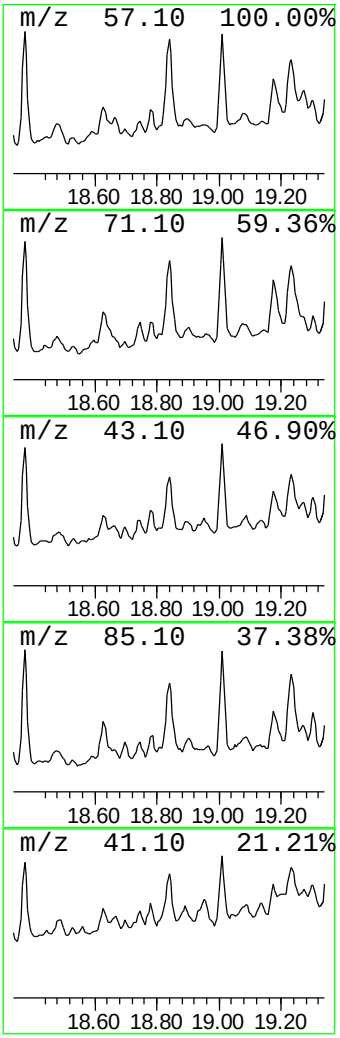
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.38 ng/ul	412487	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
3	Hentriacontane	437	C31H64	000630-04-6	74
4	Tetratriacontane	479	C34H70	014167-59-0	72
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72





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Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

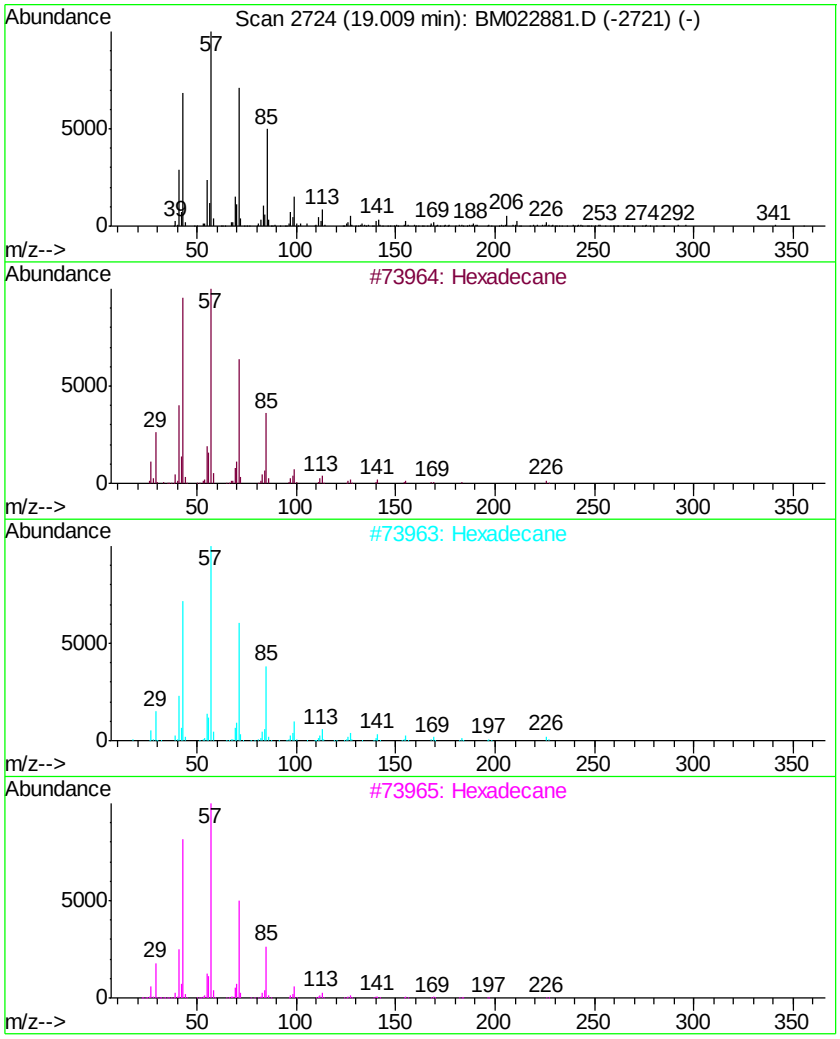
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

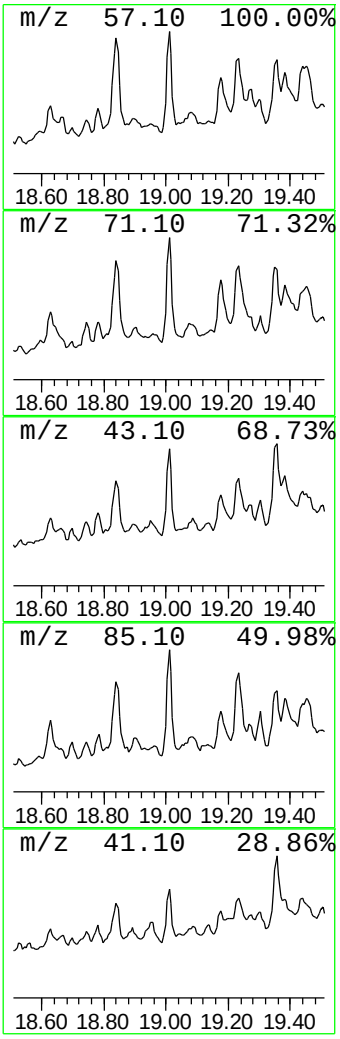
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	2.63 ng/ul	454783	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Hexadecane	226	C16H34	000544-76-3	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

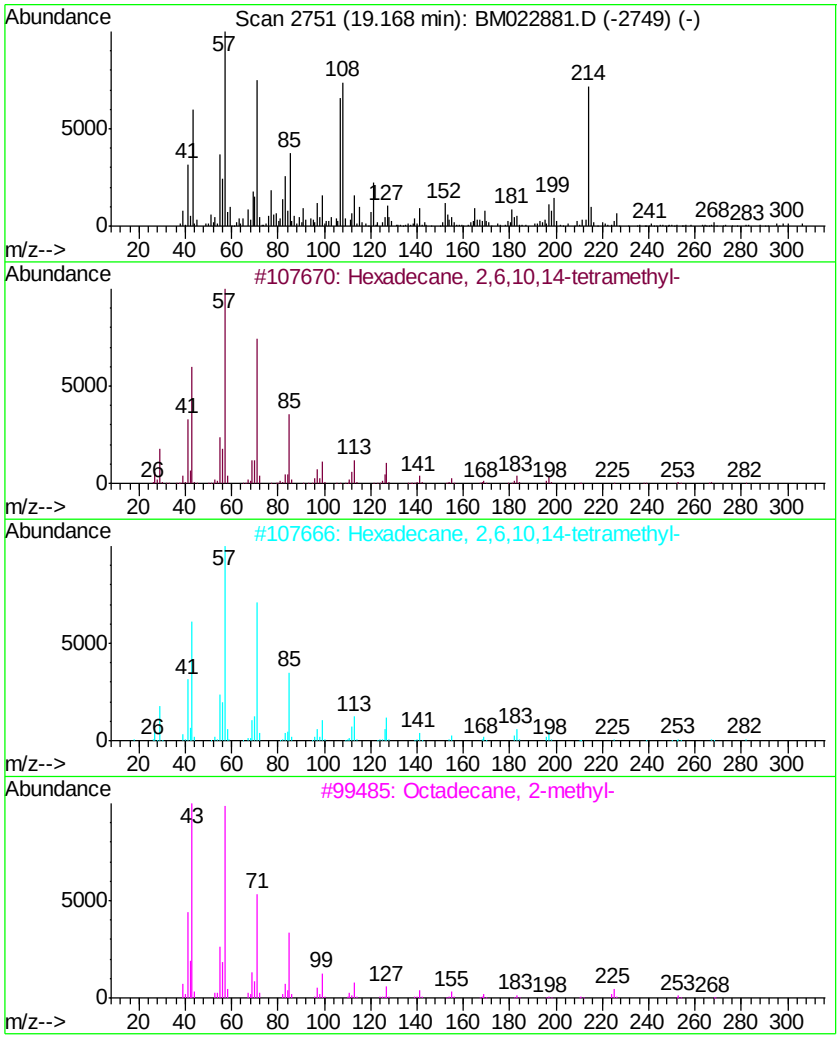
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

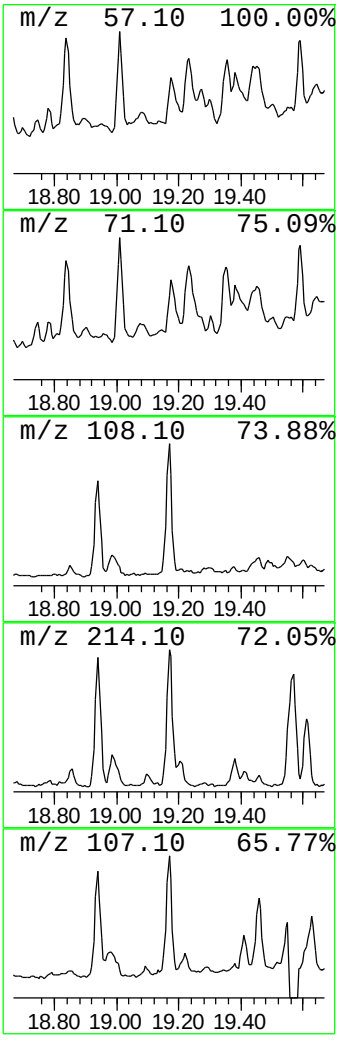
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.52 ng/ul	436374	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	78
4	Heptacosane	380	C27H56	000593-49-7	58
5	Pentacosane	352	C25H52	000629-99-2	58





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Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

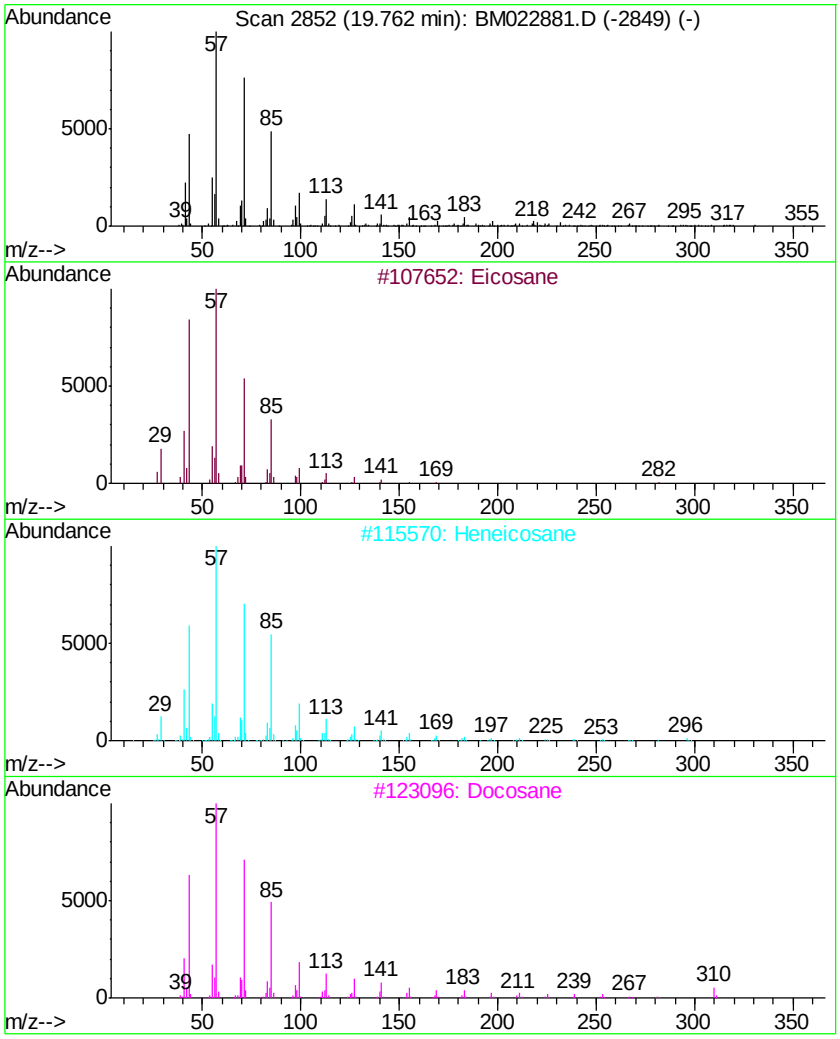
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

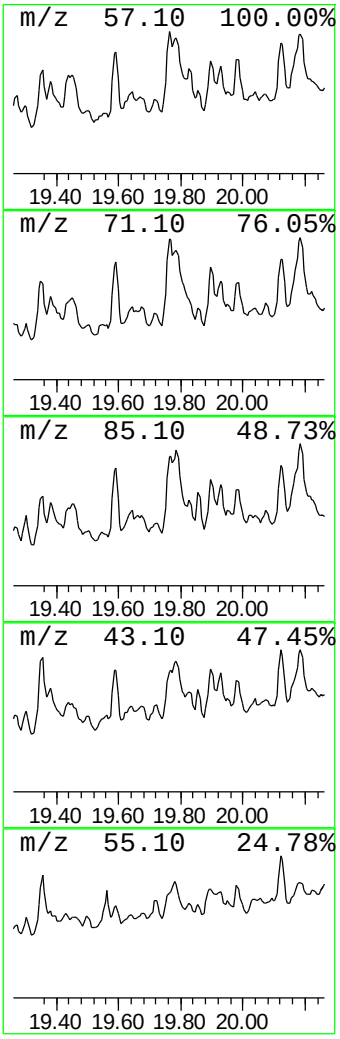
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.14 ng/ul	462963	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane	310	C22H46	000629-97-0	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Eicosane	282	C20H42	000112-95-8	90





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Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

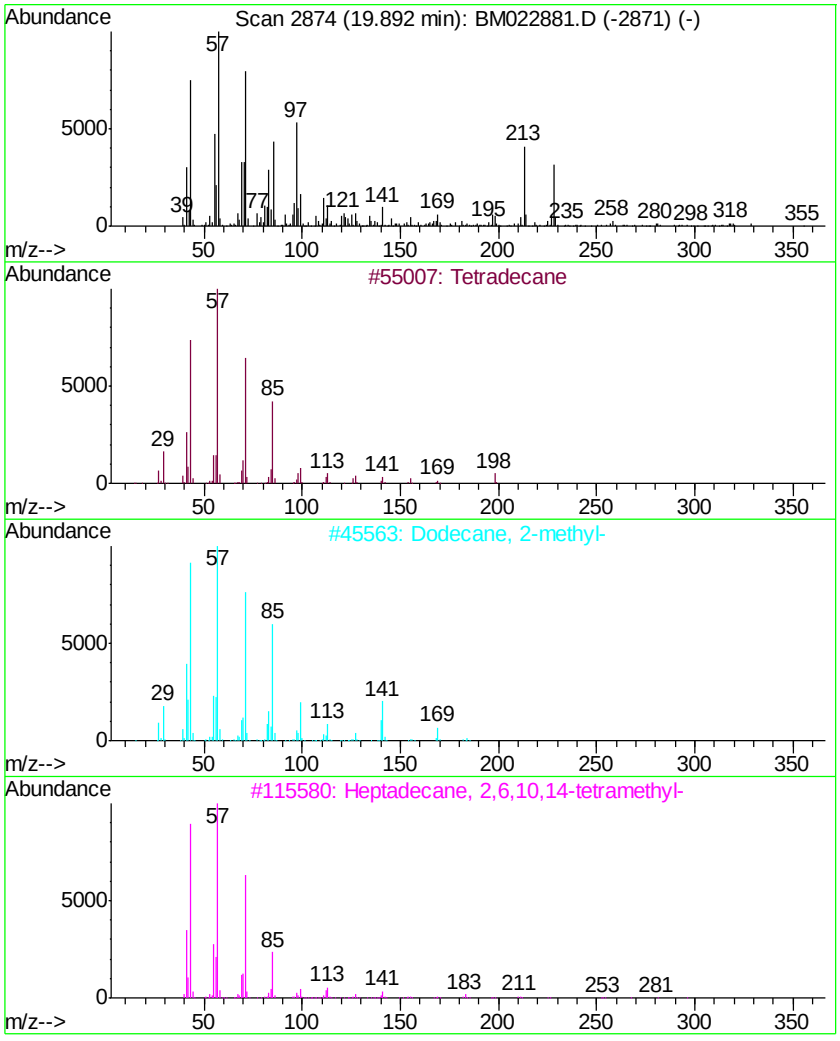
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

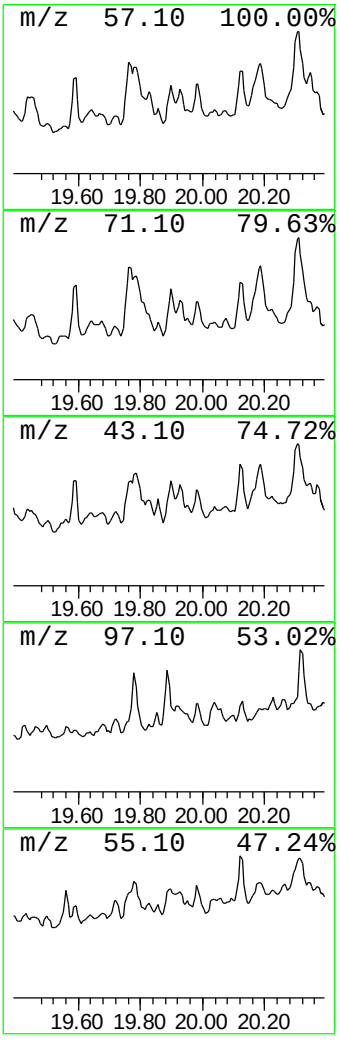
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	4.24 ng/ul	625939	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	55
4	Tetradecane	198	C14H30	000629-59-4	55
5	Tetratriacontane	479	C34H70	014167-59-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

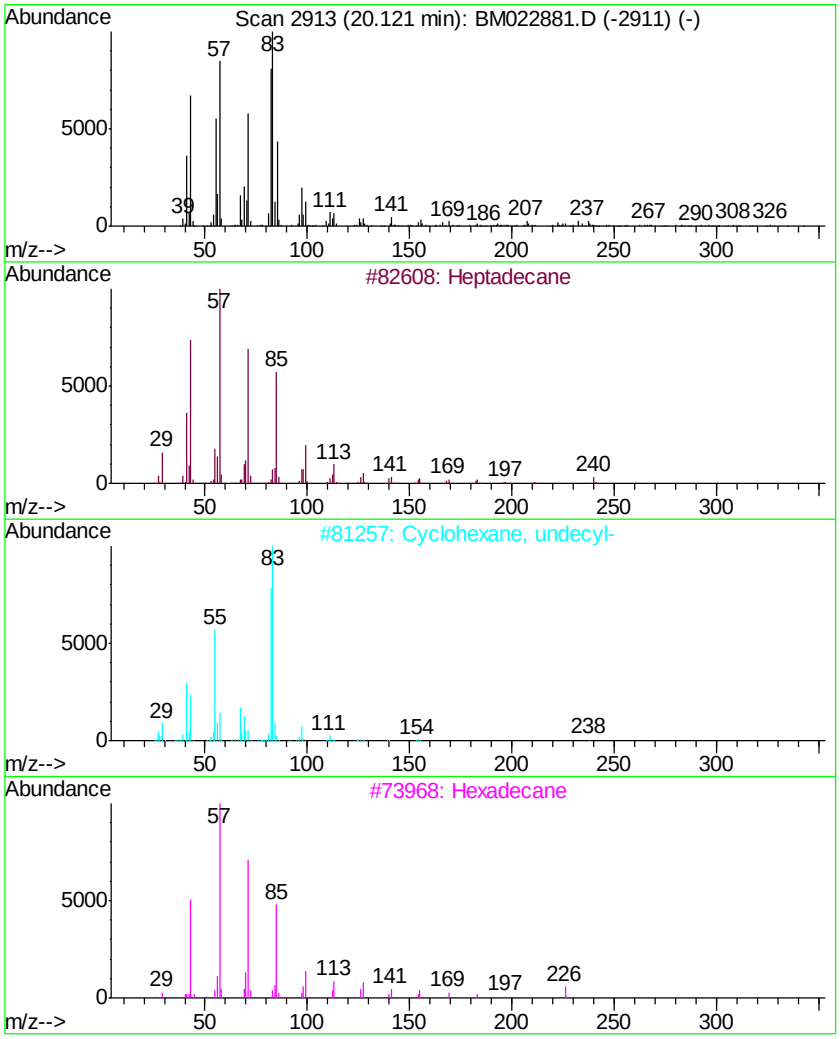
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

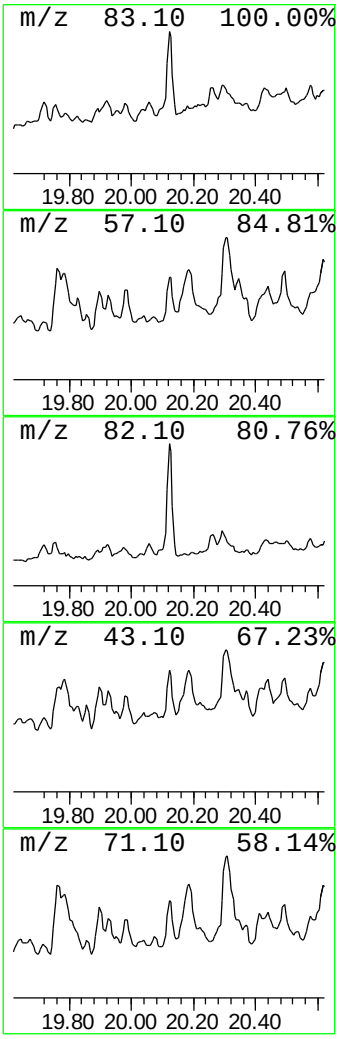
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.67 ng/ul	393899	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	60
3	Hexadecane	226	C16H34	000544-76-3	48
4	Hexadecane	226	C16H34	000544-76-3	47
5	Heptadecane	240	C17H36	000629-78-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

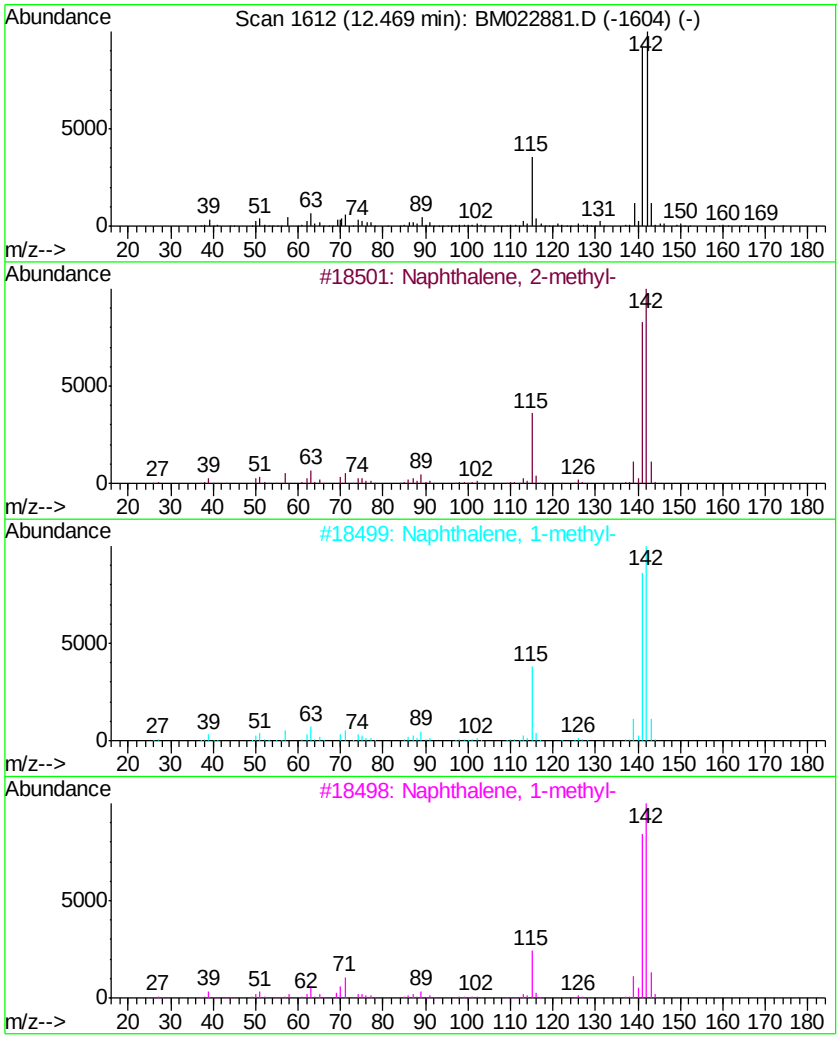
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

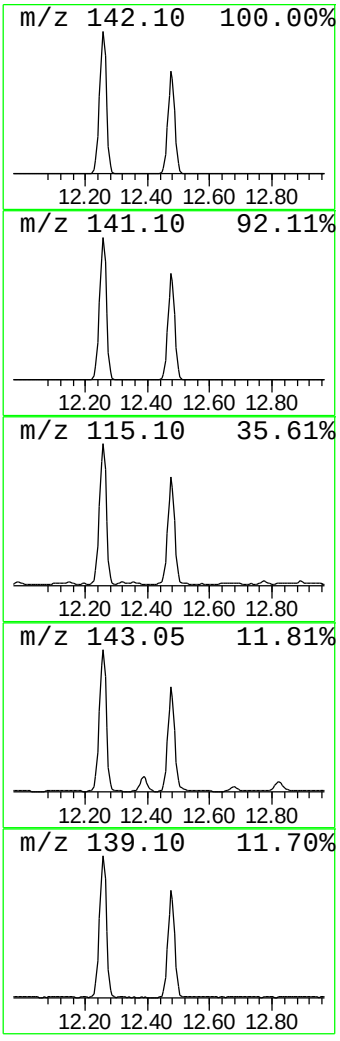
****

Peak Number 61 Naphthalene, 1-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	16.90 ng/ul	2936020	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022881.D
Acq On : 02 Oct 2019 07:59
Operator : JU
Sample : K4932-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM5

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	4.00	48.1	ng/ul	4930970	1	7.80	2050420	20.0
Propanoic acid, 2...	4.27	6.3	ng/ul	642927	1	7.80	2050420	20.0
Propanoic acid, p...	4.45	10.3	ng/ul	1052920	1	7.80	2050420	20.0
Butanoic acid, 1-...	4.90	11.2	ng/ul	1145560	1	7.80	2050420	20.0
Ethylbenzene	5.32	14.3	ng/ul	1463310	1	7.80	2050420	20.0
Benzene, 1,3-dime...	5.45	70.9	ng/ul	7264740	1	7.80	2050420	20.0
o-Xylene	5.82	44.1	ng/ul	4522300	1	7.80	2050420	20.0
Benzene, propyl-	6.79	9.1	ng/ul	932311	1	7.80	2050420	20.0
Benzene, 1,3,5-tr...	7.03	12.9	ng/ul	1319190	1	7.80	2050420	20.0
Benzene, 1-ethyl-...	7.20	11.7	ng/ul	1198220	1	7.80	2050420	20.0
Indane	8.17	25.4	ng/ul	2605490	1	7.80	2050420	20.0
Benzene, 1-propynyl-	8.35	6.9	ng/ul	709951	1	7.80	2050420	20.0
Benzene, 1-ethyl-...	8.45	8.8	ng/ul	905754	1	7.80	2050420	20.0
Benzene, 2-ethyl-...	8.76	4.6	ng/ul	469326	1	7.80	2050420	20.0
Benzene, 2-ethyl-...	8.81	4.7	ng/ul	481146	1	7.80	2050420	20.0
Phenol, 2,6-dimet...	9.22	8.0	ng/ul	1388320	2	10.59	3475500	20.0
Benzene, 1,2,3,4-...	9.43	3.4	ng/ul	595001	2	10.59	3475500	20.0
Benzene, 1,2,4,5-...	9.49	5.3	ng/ul	913402	2	10.59	3475500	20.0
Phenol, 2-ethyl-	9.56	4.5	ng/ul	783364	2	10.59	3475500	20.0
1H-Indene, 2,3-di...	9.85	2.6	ng/ul	459432	2	10.59	3475500	20.0
Benzene, 2-etheny...	10.00	11.6	ng/ul	2012630	2	10.59	3475500	20.0
Phenol, 3,5-dimet...	10.07	19.8	ng/ul	3440770	2	10.59	3475500	20.0
Phenol, 3,4-dimet...	10.46	2.9	ng/ul	494779	2	10.59	3475500	20.0
Phenol, 2-propyl-	10.86	3.0	ng/ul	516550	2	10.59	3475500	20.0
Phenol, 2-ethyl-5...	10.96	4.4	ng/ul	758502	2	10.59	3475500	20.0
Phenol, 4-ethyl-3...	11.13	7.7	ng/ul	1333330	2	10.59	3475500	20.0
(DEL) Alkane: Str...	14.34	3.2	ng/ul	693422	3	14.44	4328900	20.0
(DEL) Alkane: Str...	16.16	3.0	ng/ul	527371	4	17.17	3459250	20.0
(DEL) Alkane: Str...	17.00	3.0	ng/ul	526749	4	17.17	3459250	20.0
(DEL) Alkane: Str...	17.68	2.7	ng/ul	468165	4	17.17	3459250	20.0
(DEL) Alkane: Str...	18.37	3.2	ng/ul	552571	4	17.17	3459250	20.0
(DEL) Alkane: Str...	18.84	2.4	ng/ul	412487	4	17.17	3459250	20.0
(DEL) Alkane: Str...	19.01	2.6	ng/ul	454783	4	17.17	3459250	20.0
(DEL) Alkane: Str...	19.17	2.5	ng/ul	436374	4	17.17	3459250	20.0
(DEL) Alkane: Str...	19.76	3.1	ng/ul	462963	5	21.36	2951390	20.0
(DEL) Alkane: Str...	19.89	4.2	ng/ul	625939	5	21.36	2951390	20.0
(DEL) Alkane: Str...	20.12	2.7	ng/ul	393899	5	21.36	2951390	20.0
Naphthalene, 1-me...	12.47	16.9	ng/ul	2936020	2	10.59	3475500	20.0