LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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	3.546	73	78	84	rBV	273384	359270	10.18%	0.654%
2	3.728	104	109	114	rBV	49859	73234	2.07%	0.133%
3	3.940	140	145	152	rBV	256381	389261	11.03%	0.708%
4	4.469	229	235	250	rVB	319095	526736	14.92%	0.958%
5	5.404	388	394	409	rBV	491768	1053696	29.85%	1.917%
6	5.769	450	456	465	rVB2	359432	559537	15.85%	1.018%
7	6.392	552	562	575	rVB6	36549	105780	3.00%	0.192%
8	6.745	618	622	627	rVB2	65752	92843	2.63%	0.169%
9	6.851	636	640	645	rVV	105679	165834	4.70%	0.302%
10	6.910	645	650	653	rVV5	87118	151989	4.31%	0.277%
11	6.951	653	657	661	rVV	281193	524682	14.86%	0.955%
12	6.987	661	663	673	rVV2	204996	296601	8.40%	0.540%
13	7.110	675	684	689	rVV	240484	414550	11.74%	0.754%
14	7.151	689	691	697	rVB	58939	84042	2.38%	0.153%
15	7.310	712	718	724	rVV	361851	613428	17.38%	1.116%
16	7.375	724	729	733	rVV	498667	735937	20.85%	1.339%
17	7.416	733	736	743	rVB	271911	387309	10.97%	0.705%
18	7.663	769	778	784	rBV5	24750	67627	1.92%	0.123%
19	7.728	784	789	792	rVV2	66768	98490	2.79%	0.179%
20	7.775	792	797	810	rVB	639622	1172500	33.22%	2.133%
21	7.881	810	815	823	rBV3	115058	220598	6.25%	0.401%
22	8.039	839	842	850	rVB4	35158	66238	1.88%	0.121%
23	8.281	875	883	885	rBV5	49279	115865	3.28%	0.211%
24	8.316	885	889	899	rVB2	118881	254311	7.20%	0.463%
25	8.410	899	905	911	rBV2	186664	332805	9.43%	0.605%
26	8.498	914	920	929	rVV2	331867	728678	20.64%	1.326%
27	8.575	929	933	947	rVB4	47156	144135	4.08%	0.262%
28	8.775	962	967	972	rVB	47809	77380	2.19%	0.141%
29	8.869	978	983	989	rVB2	92299	159548	4.52%	0.290%
30	8.951	989	997	999	rVV	326755	583147	16.52%	1.061%
31	8.981	999	1002	1012	rVB	770134	1143996	32.41%	2.081%
32	9.116	1019	1025	1031	rVB4	50863	104801	2.97%	0.191%
33	9.210	1033	1041	1044	rBV5	33786	74107	2.10%	0.135%
34	9.398	1068	1073	1078	rBV	60771	94183	2.67%	0.171%

LSC Area Percent Report

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Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

35	9.457	1078	1083	1091	rVB3	43385	99307	2.81%	0.181%
36	9.669	1106	1119	1128	rBV3	293840	694876	19.69%	1.264%
37	9.828	1139	1146	1153	rVB3	49634	134217	3.80%	0.244%
38	9.898	1153	1158	1167	rBV3	55810	152160	4.31%	0.277%
39	9.975	1167	1171	1177	rVV2	128541	213945	6.06%	0.389%
40	10.080	1185	1189	1193	rBV	51853	65511	1.86%	0.119%
41	10.145	1193	1200	1206	rVB5	30692	84069	2.38%	0.153%
42	10.216	1206	1212	1219	rBV	371947	770894	21.84%	1.402%
43	10.280	1221	1223	1230	rVB3	58049	88924	2.52%	0.162%
44	10.451	1244	1252	1259	rBV3	24560	83059	2.35%	0.151%
45	10.527	1259	1265	1269	rBV	1107075	1707296	48.37%	3.106%
46	10.575	1269	1273	1279	rVV	1191029	2008590	56.91%	3.654%
47	10.627	1279	1282	1288	rVB	175439	271210	7.68%	0.493%
48	10.727	1291	1299	1306	rBV2	204238	585691	16.59%	1.066%
49	11.257	1385	1389	1391	rBV4	46983	68571	1.94%	0.125%
50	11.310	1396	1398	1405	rVB2	48001	68368	1.94%	0.124%
51	11.386	1406	1411	1420	rBV3	73670	146331	4.15%	0.266%
52	11.469	1420	1425	1433	rVB	93456	168684	4.78%	0.307%
53	11.574	1433	1443	1447	rBV	155469	265505	7.52%	0.483%
54	11.904	1493	1499	1505	rVV	124124	223341	6.33%	0.406%
55	11.980	1506	1512	1523	rVB	737511	1118278	31.68%	2.034%
56	12.245	1553	1557	1564	rVB	91732	147314	4.17%	0.268%
57	12.469	1591	1595	1603	rVB2	49300	93291	2.64%	0.170%
58	12.621	1614	1621	1624	rBV2	39154	71518	2.03%	0.130%
59	12.939	1671	1675	1684	rVB2	53918	96944	2.75%	0.176%
60	13.233	1719	1725	1736	rBV	214336	379815	10.76%	0.691%
61	13.839	1818	1828	1832	rVV	878612	1256379	35.59%	2.286%
62	13.886	1832	1836	1843	rVB	524889	738353	20.92%	1.343%
63	14.127	1871	1877	1889	rVV	924491	1558435	44.15%	2.835%
64	14.310	1902	1908	1915	rVB	107133	160708	4.55%	0.292%
65	14.433	1921	1929	1936	rBV2	1361357	2117604	59.99%	3.852%
66	14.492	1936	1939	1948	rVB3	49515	90352	2.56%	0.164%
67	14.692	1967	1973	1984	rBV2	65998	227215	6.44%	0.413%
68	14.839	1992	1998	2005	rVV4	51384	102440	2.90%	0.186%
69	15.180	2051	2056	2059	rBV	101166	136965	3.88%	0.249%
70	15.262	2065	2070	2075	rVB3	49339	70030	1.98%	0.127%
71	15.427	2091	2098	2104	rBV	1219251	1828478	51.80%	3.326%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

72	15.580	2118	2124	2133	rBV	195116	365068	10.34%	0.664%
73	15.668	2133	2139	2147	rVB	28576	75175	2.13%	0.137%
74	15.792	2154	2160	2170	rVB	552586	771920	21.87%	1.404%
75	16.574	2288	2293	2298	rVB6	51523	81678	2.31%	0.149%
76	16.845	2334	2339	2345	rBV2	43043	68804	1.95%	0.125%
77	16.915	2347	2351	2356	rBV3	43386	76605	2.17%	0.139%
78	17.180	2390	2396	2400	rBV2	1666900	2392070	67.77%	4.352%
79	17.221	2400	2403	2408	rVB	592085	768143	21.76%	1.397%
80	17.280	2408	2413	2418	rBV	1169655	1772005	50.20%	3.224%
81	17.598	2463	2467	2473	rVB	50146	85353	2.42%	0.155%
82	18.056	2540	2545	2550	rBV	833351	1187650	33.65%	2.161%
83	18.103	2550	2553	2555	rVV	156956	222079	6.29%	0.404%
84	18.133	2555	2558	2563	rVB	217740	267498	7.58%	0.487%
85	18.251	2573	2578	2582	rBV3	118809	239720	6.79%	0.436%
86	18.292	2582	2585	2590	rVB3	109729	148156	4.20%	0.270%
87	18.345	2591	2594	2600	rBV4	57383	114895	3.26%	0.209%
88	18.556	2626	2630	2634	rBV	93347	136484	3.87%	0.248%
89	18.615	2635	2640	2647	rVV6	74084	168460	4.77%	0.306%
90	18.850	2677	2680	2684	rVB	73129	94349	2.67%	0.172%
91	18.974	2697	2701	2705	rBV2	132698	198623	5.63%	0.361%
92	19.239	2736	2746	2751	rBV	1399101	2238944	63.43%	4.073%
93	19.339	2759	2763	2769	rBV2	521878	747091	21.17%	1.359%
94	19.574	2797	2803	2806	rBV	1541867	2411677	68.33%	4.387%
95	19.603	2806	2808	2816	rVB	1271444	1549010	43.89%	2.818%
96	21.050	3050	3054	3058	rVB2	423661	548835	15.55%	0.998%
97	21.362	3101	3107	3111	rBV2	2129612	3529671	100.00%	6.421%
98	21.403	3111	3114	3119	rVB	681053	822220	23.29%	1.496%
99	22.968	3375	3380	3385	rBV	831207	1775579	50.30%	3.230%
100	23.656	3492	3497	3503	rBV	1102095	2042953	57.88%	3.717%

Sum of corrected areas: 54968521

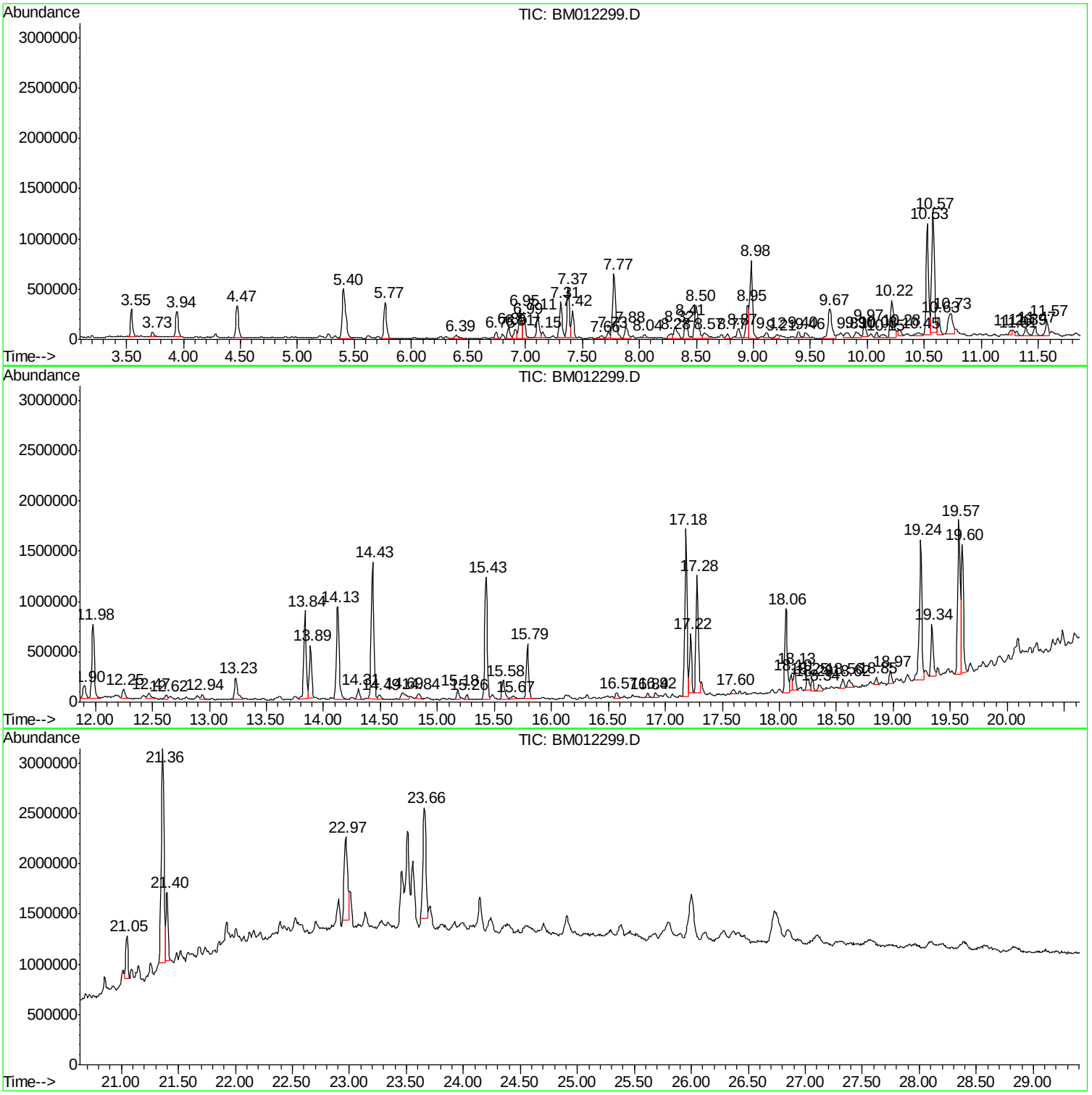
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

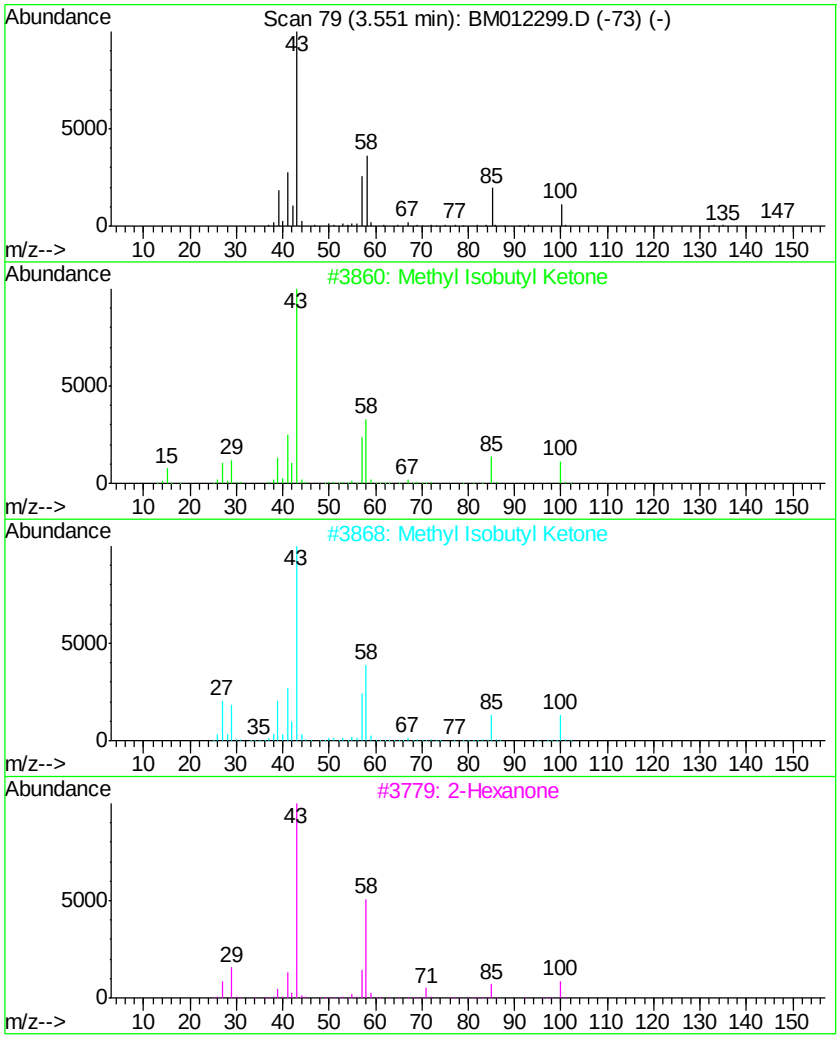
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

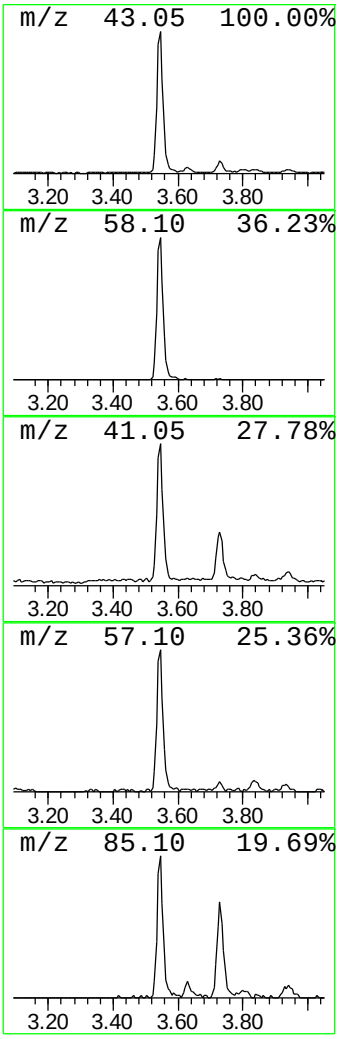
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	6.13 ng/ul	359270	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
3	2-Hexanone	100	C6H12O	000591-78-6	53
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
5	2-Hexanone	100	C6H12O	000591-78-6	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

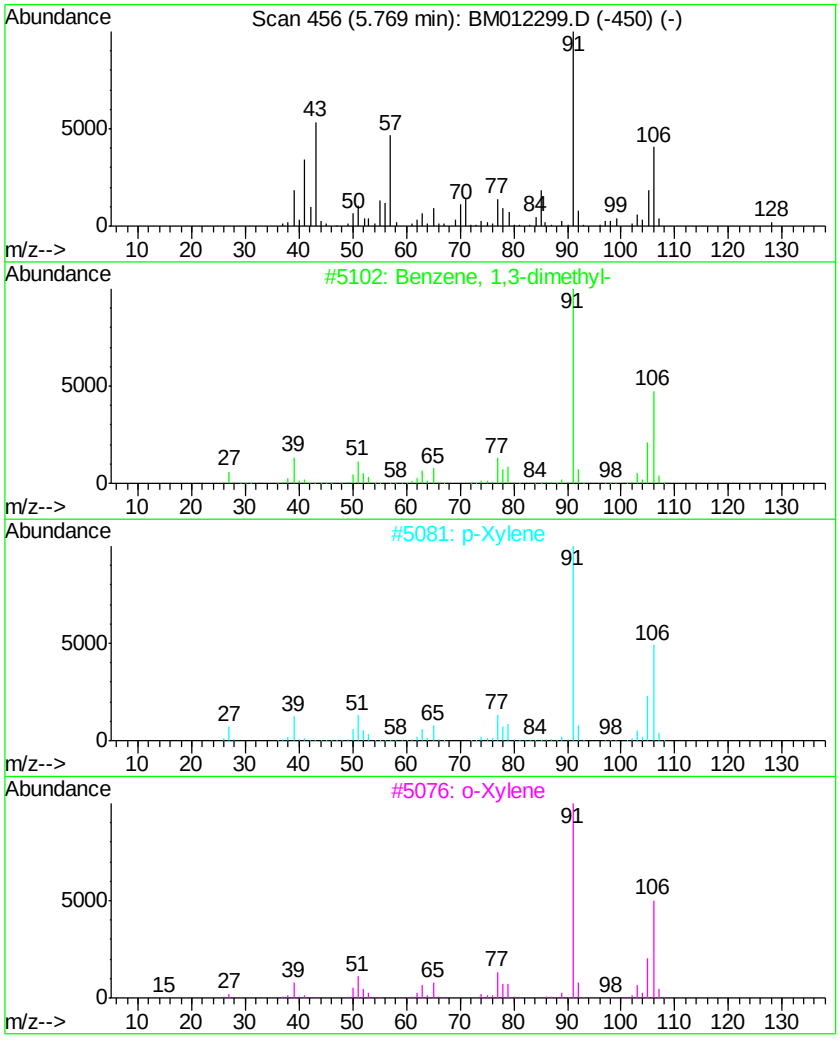
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

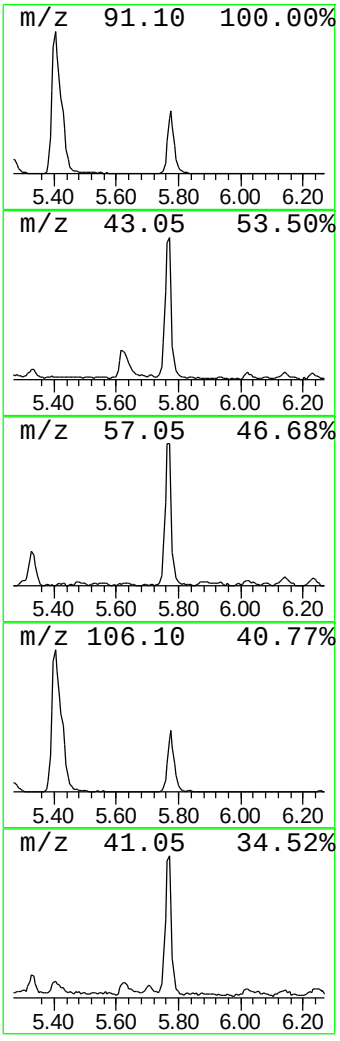
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	9.54 ng/ul	559537	1,4-Dichlorobenzene-d4	7.77

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
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Sample : I5747-03
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Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

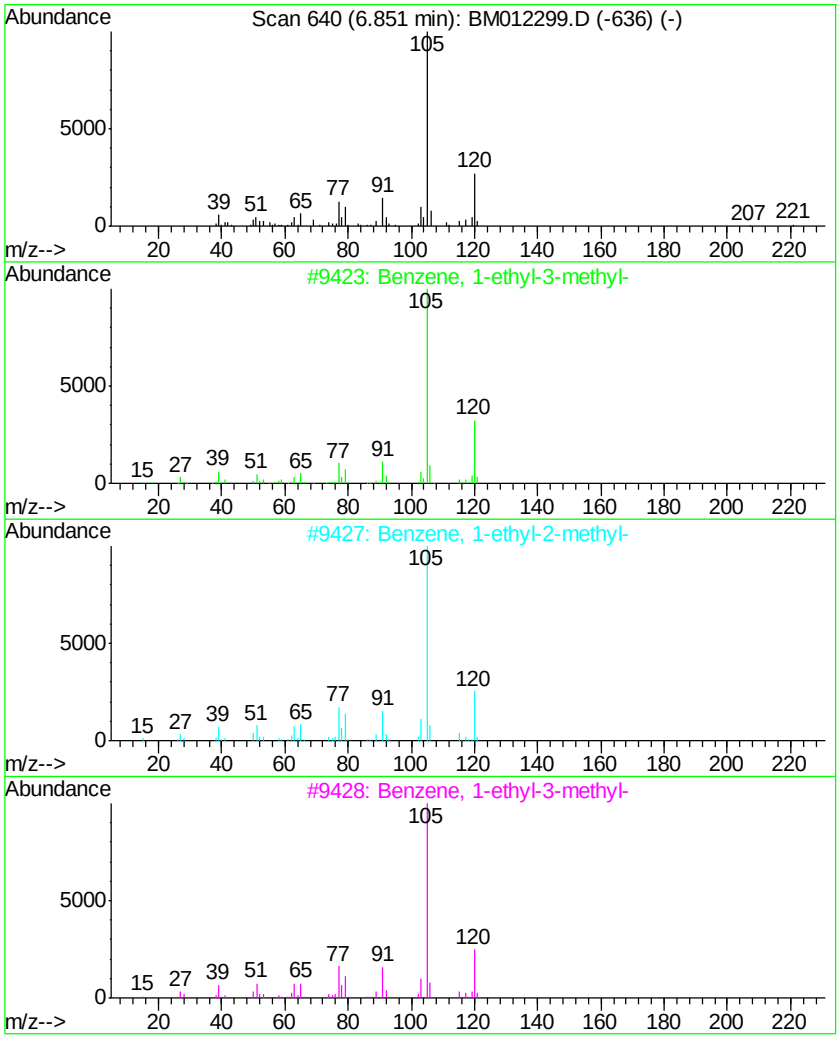
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

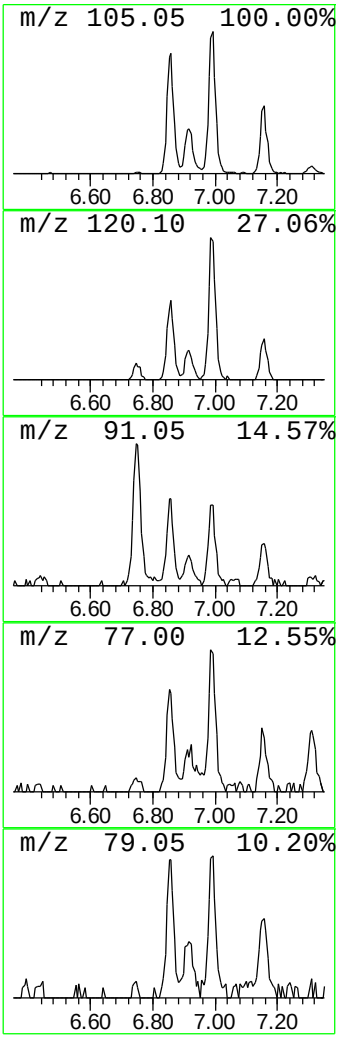
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	2.83 ng/ul	165834	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

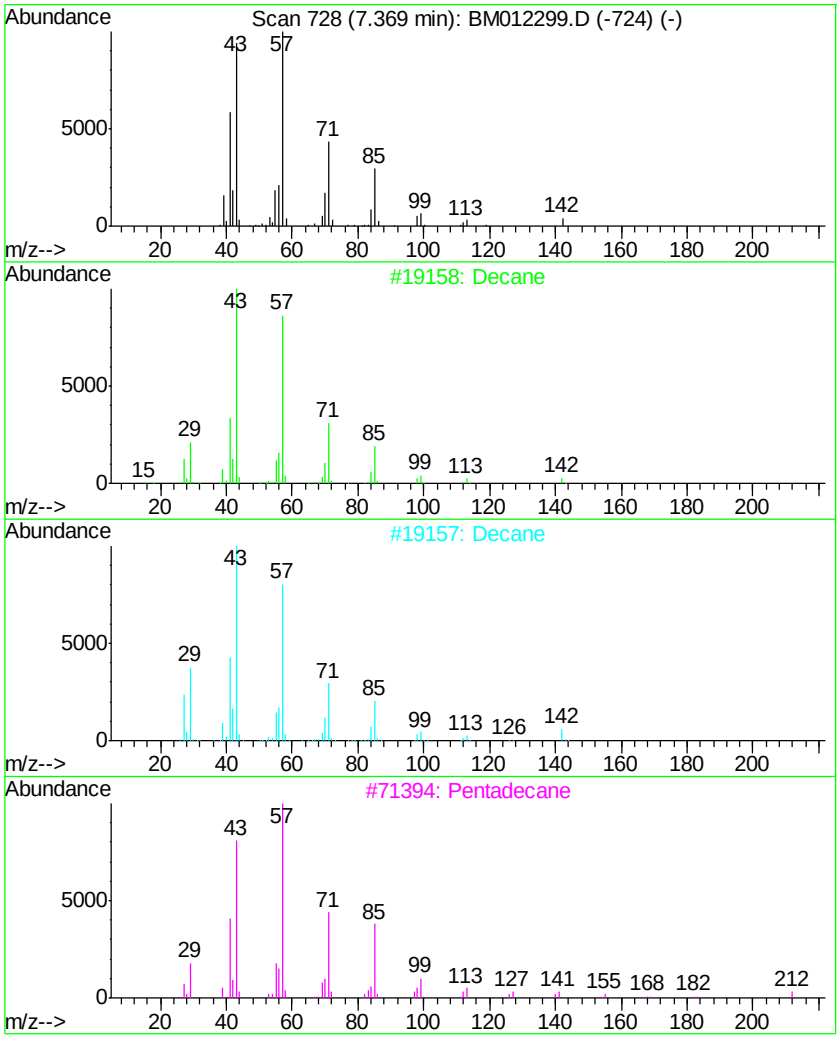
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

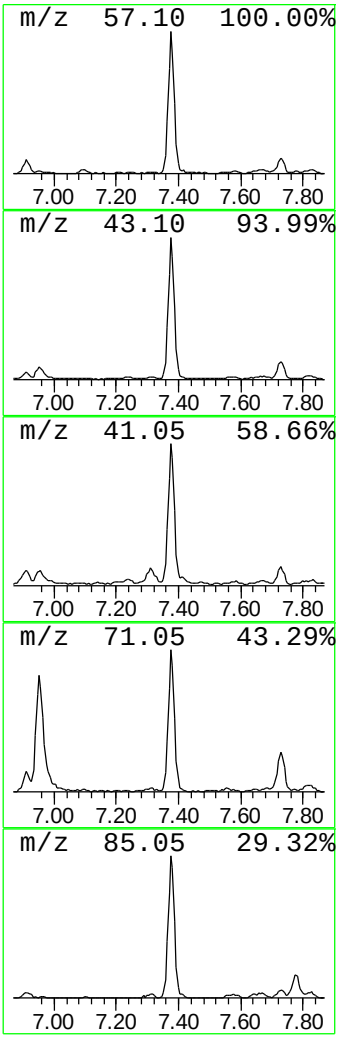
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	12.55 ng/ul	735937	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
5	Nonane	128	C9H20	000111-84-2	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

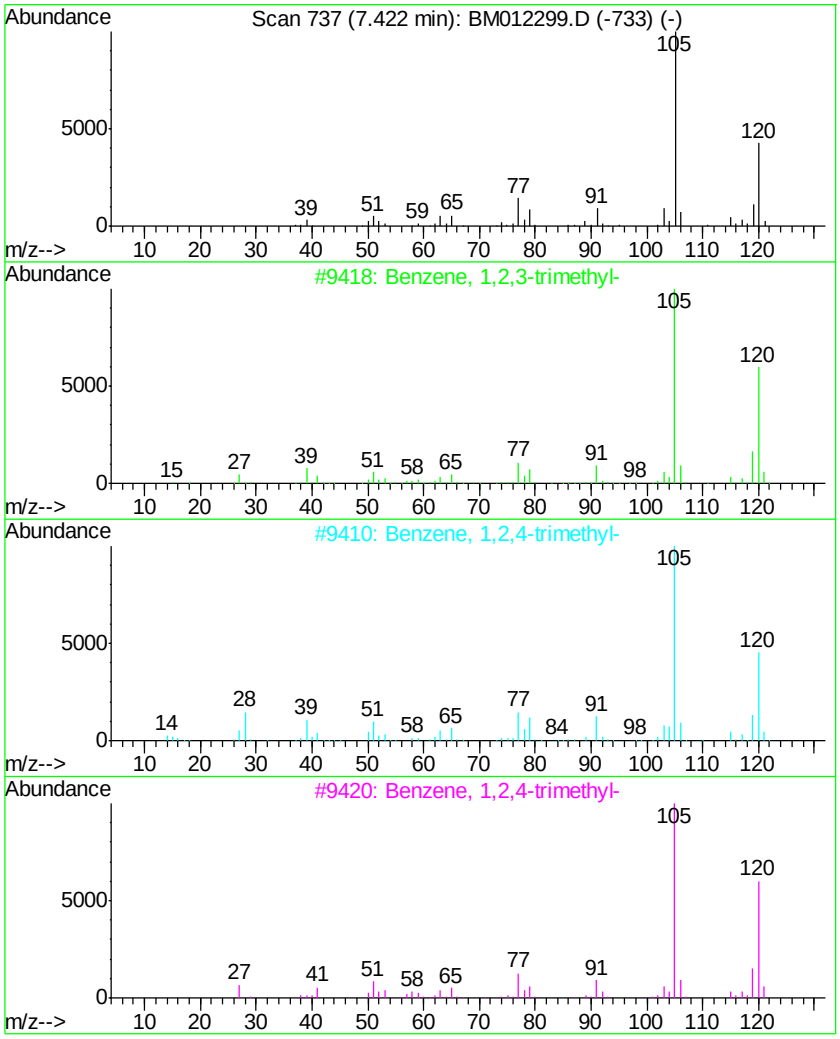
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

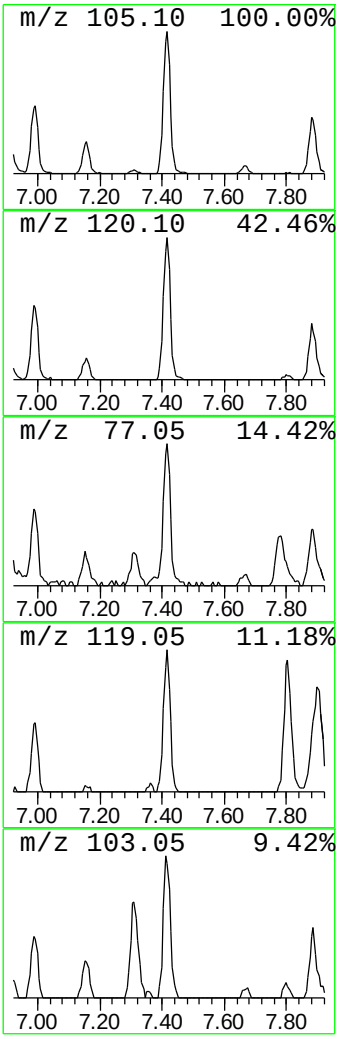
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	6.61 ng/ul	387309	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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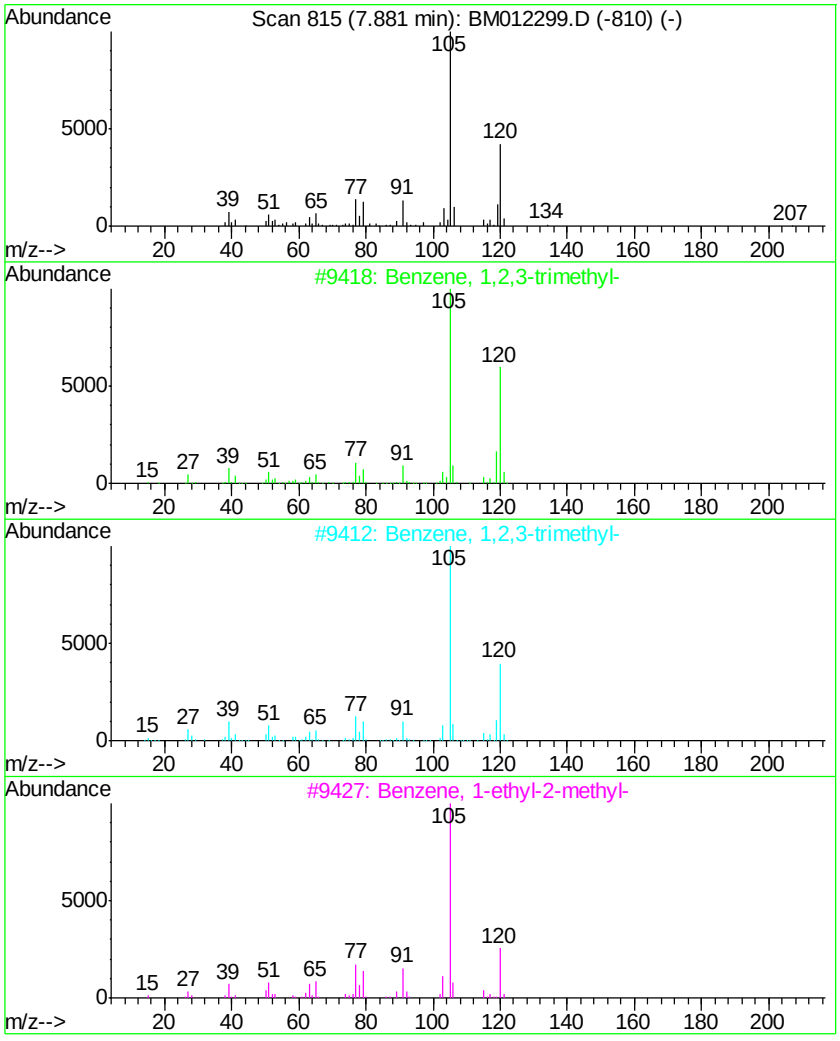
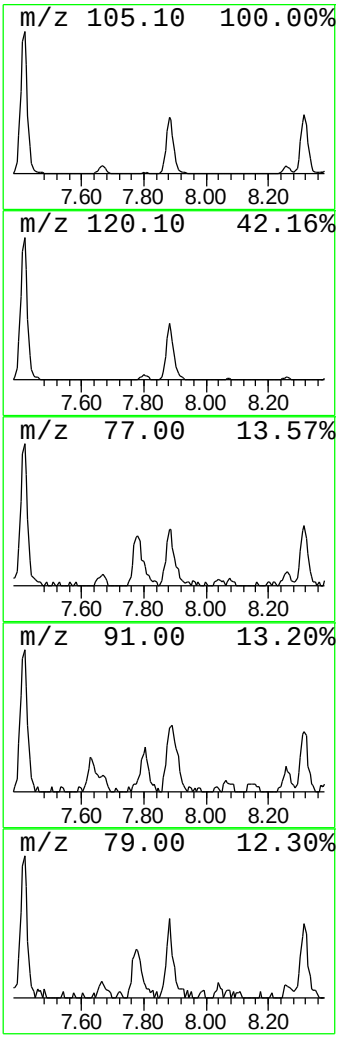
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	3.76 ng/ul	220598	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	96
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





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Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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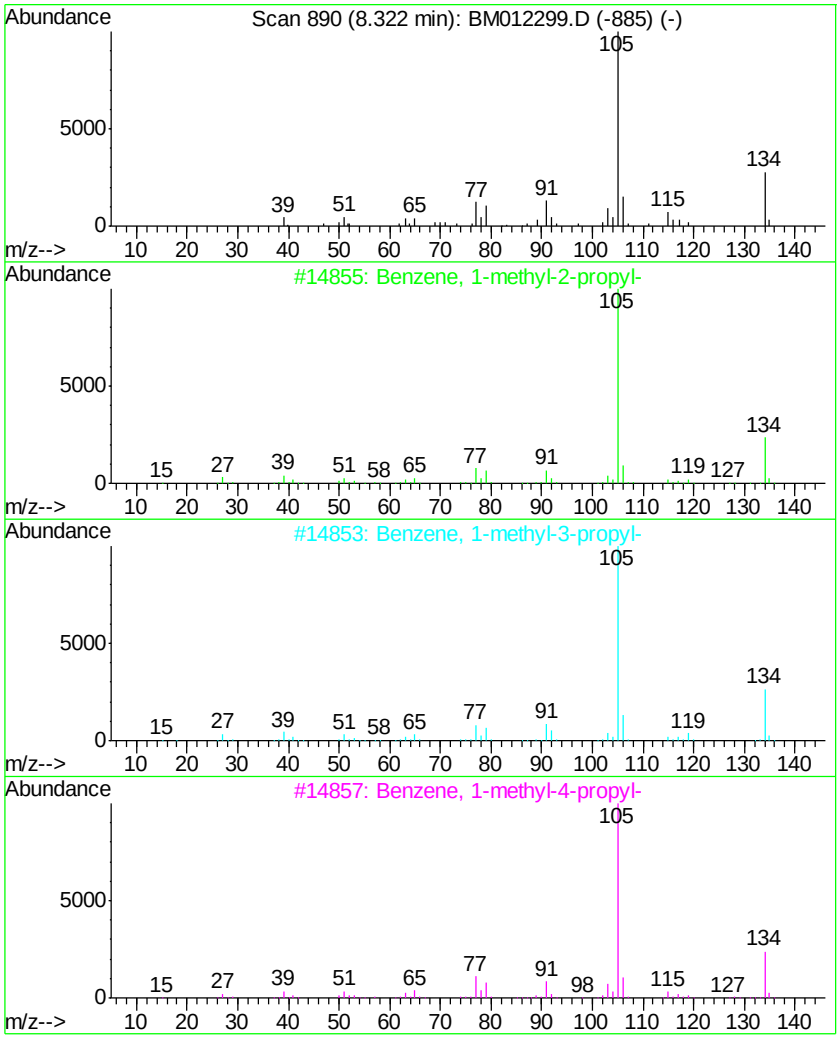
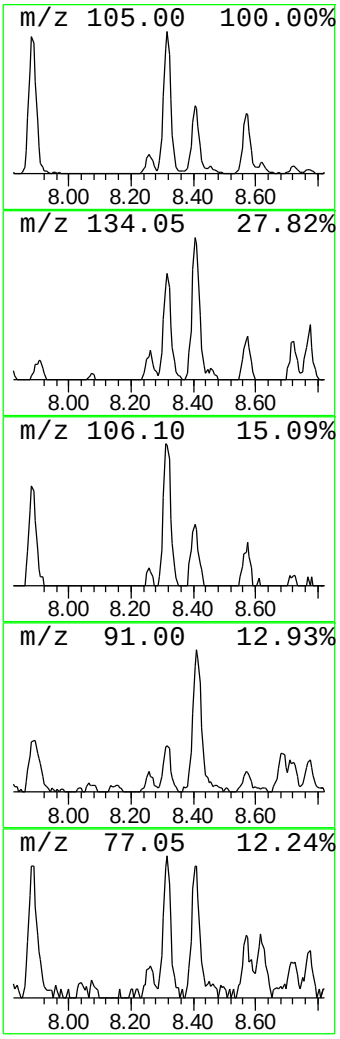
Peak Number 10 Benzene, 1-methyl-2-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	4.34 ng/ul	254311	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	90





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Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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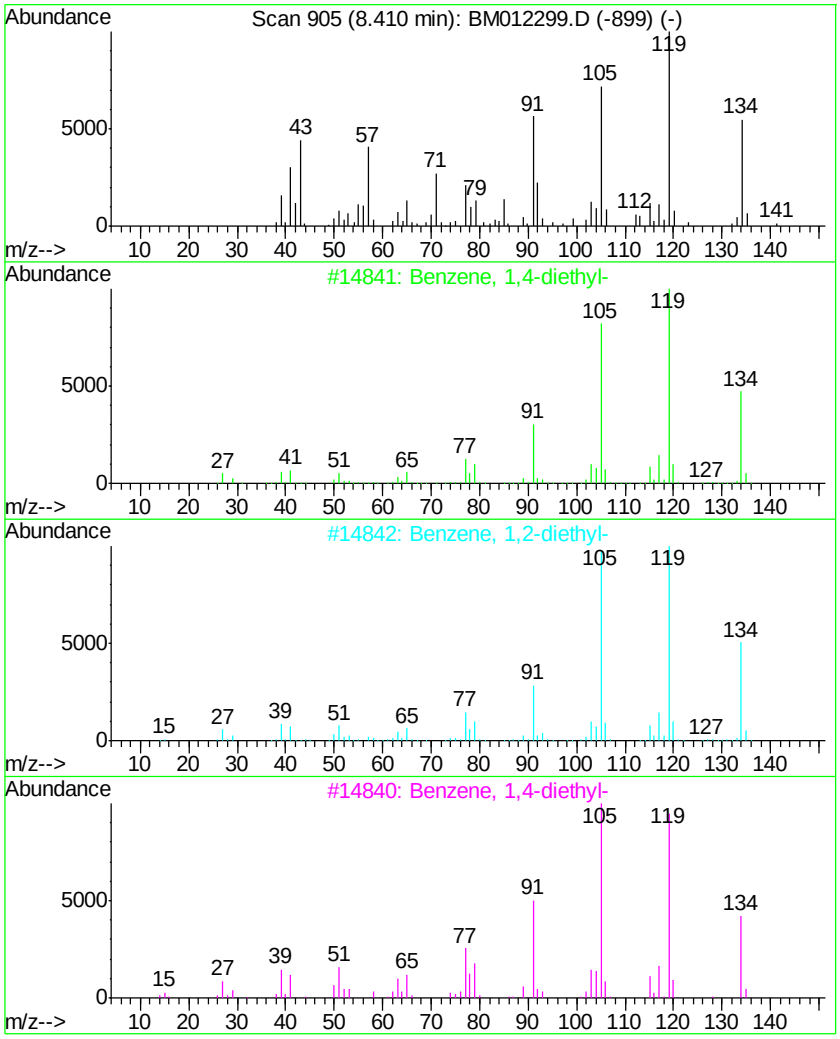
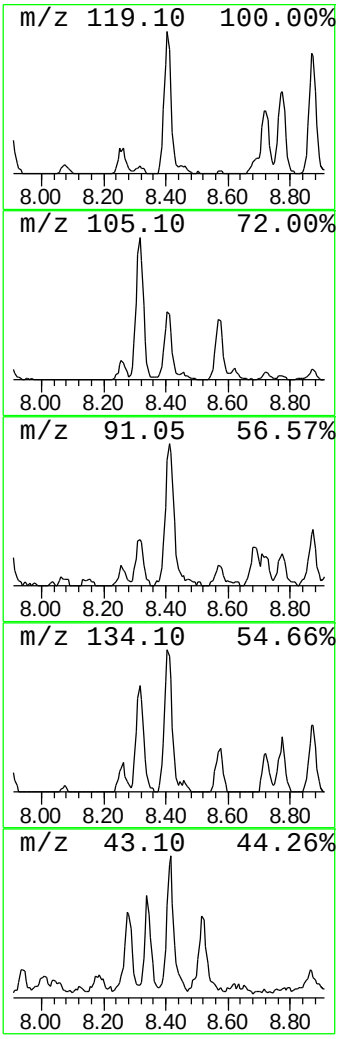
Peak Number 11 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.68 ng/ul	332805	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	92
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Library Search Compound Report

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Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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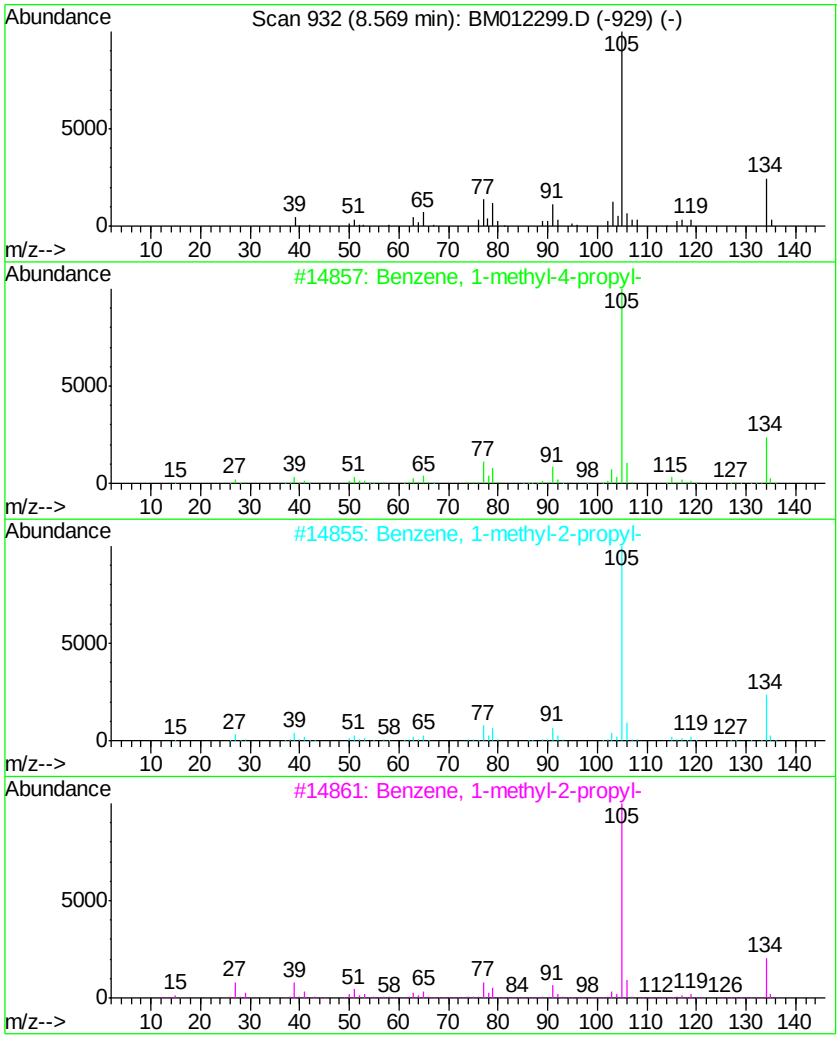
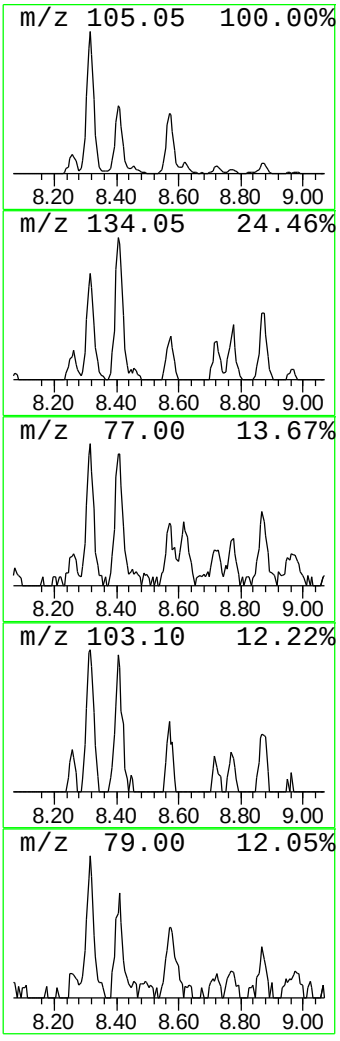
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	2.46 ng/ul	144135	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
5	2-Tolyloxirane	134	C9H10O	002783-26-8	76





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Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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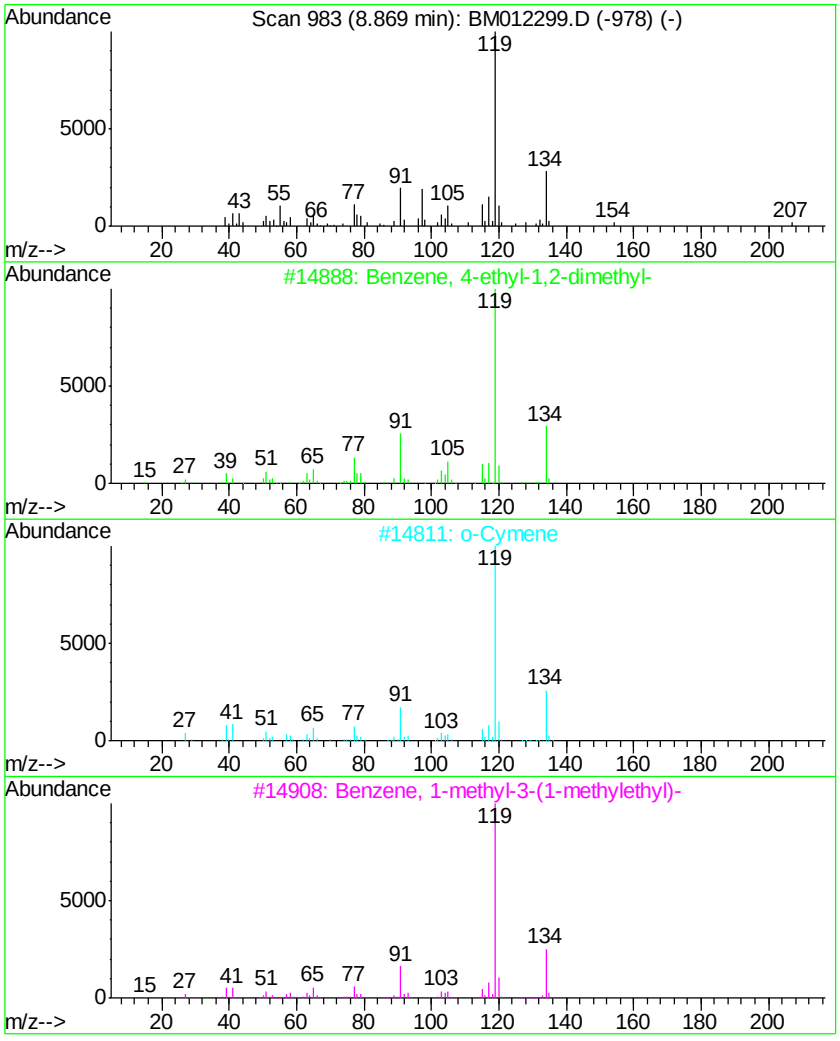
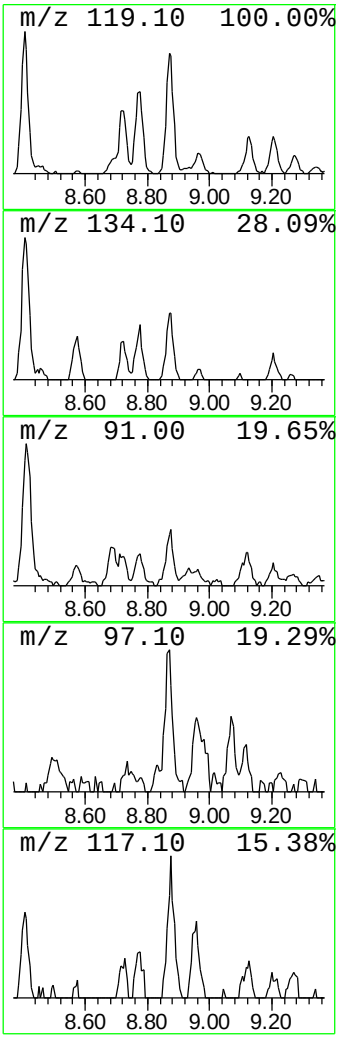
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.72 ng/ul	159548	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	p-Cymene	134	C10H14	000099-87-6	93





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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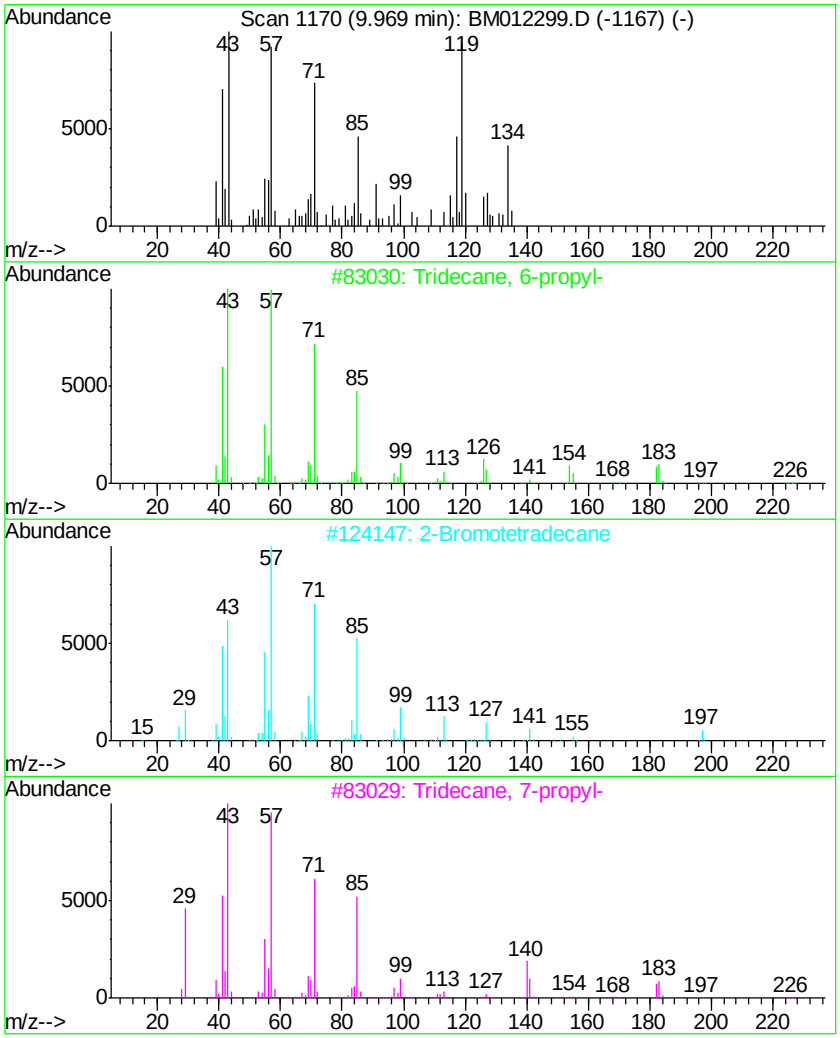
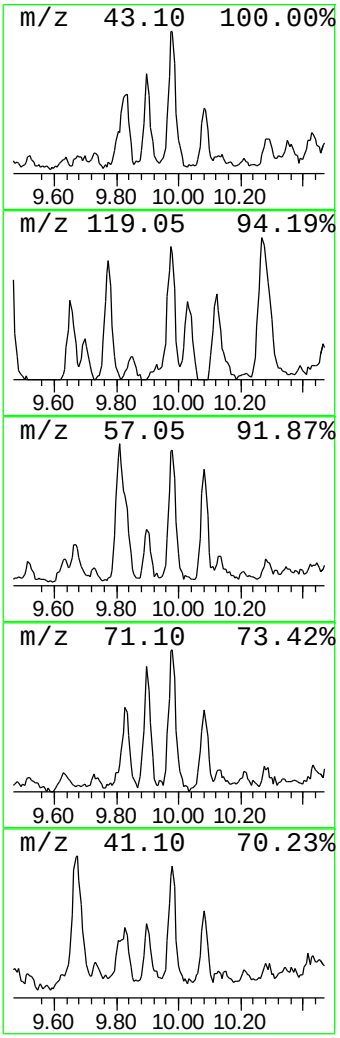
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	2.13 ng/ul	213945	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	46
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	43
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	43
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	43
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

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Quant Title : SVOA CALIBRATION

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

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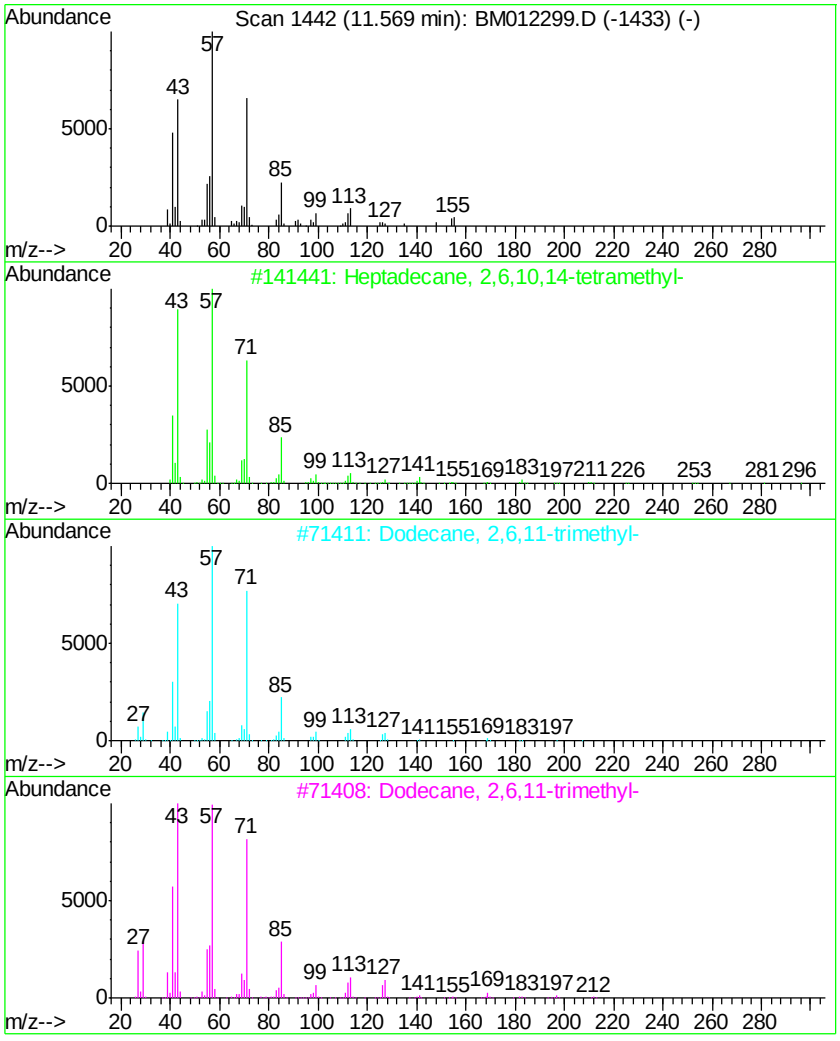
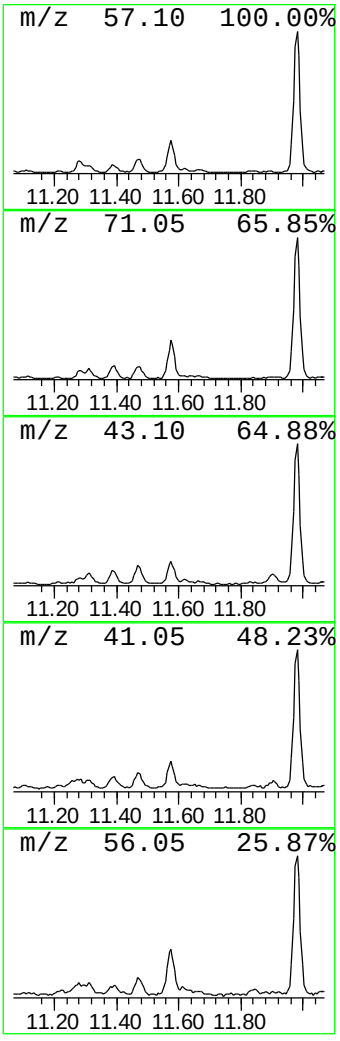
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.64 ng/ul	265505	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

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Quant Title : SVOA CALIBRATION

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

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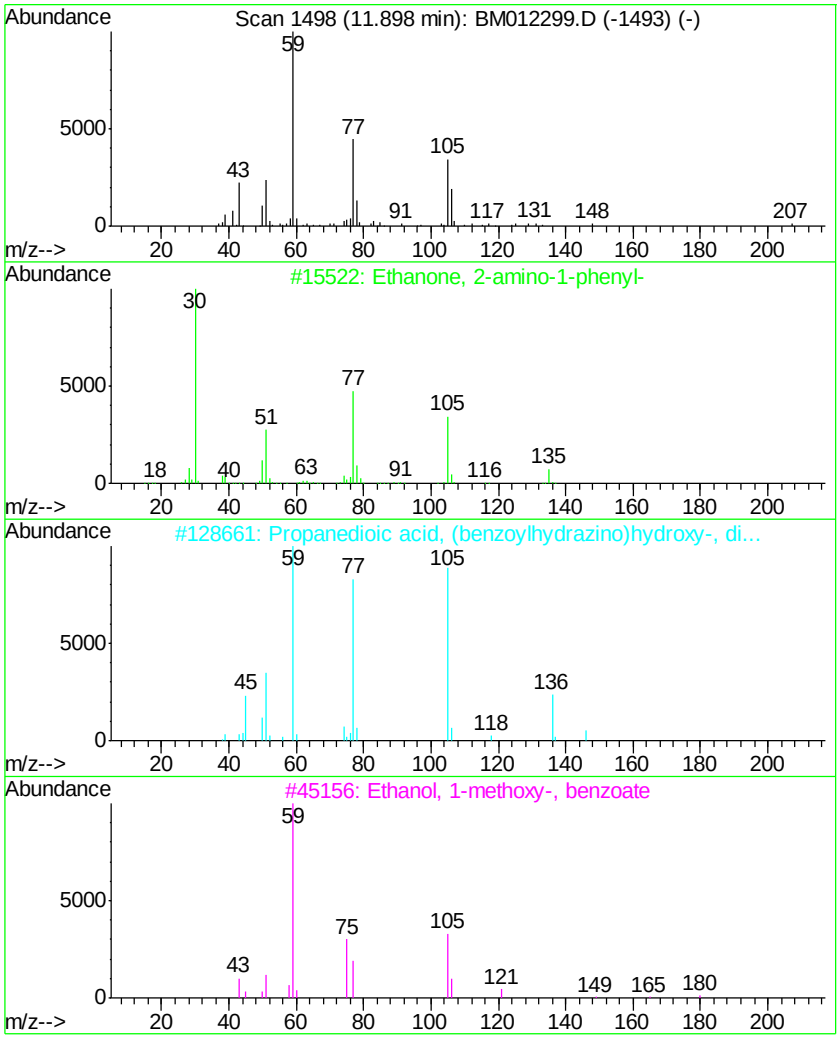
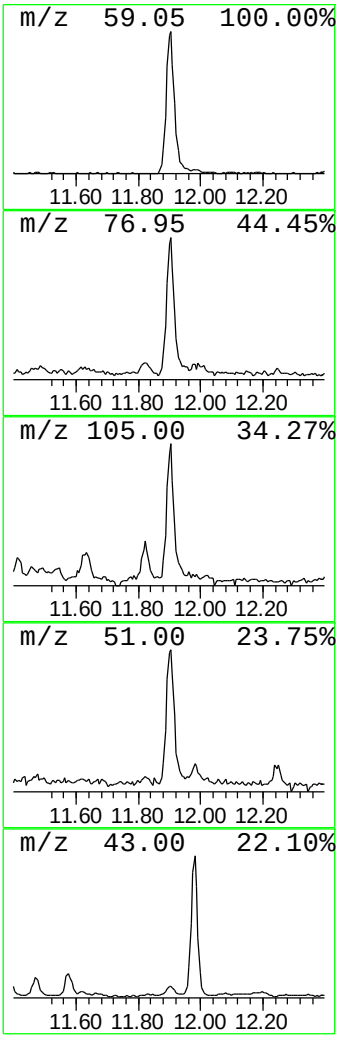
Peak Number 16 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.22 ng/ul	223341	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	43
2	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	42
3	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	33
4	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	25
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	12





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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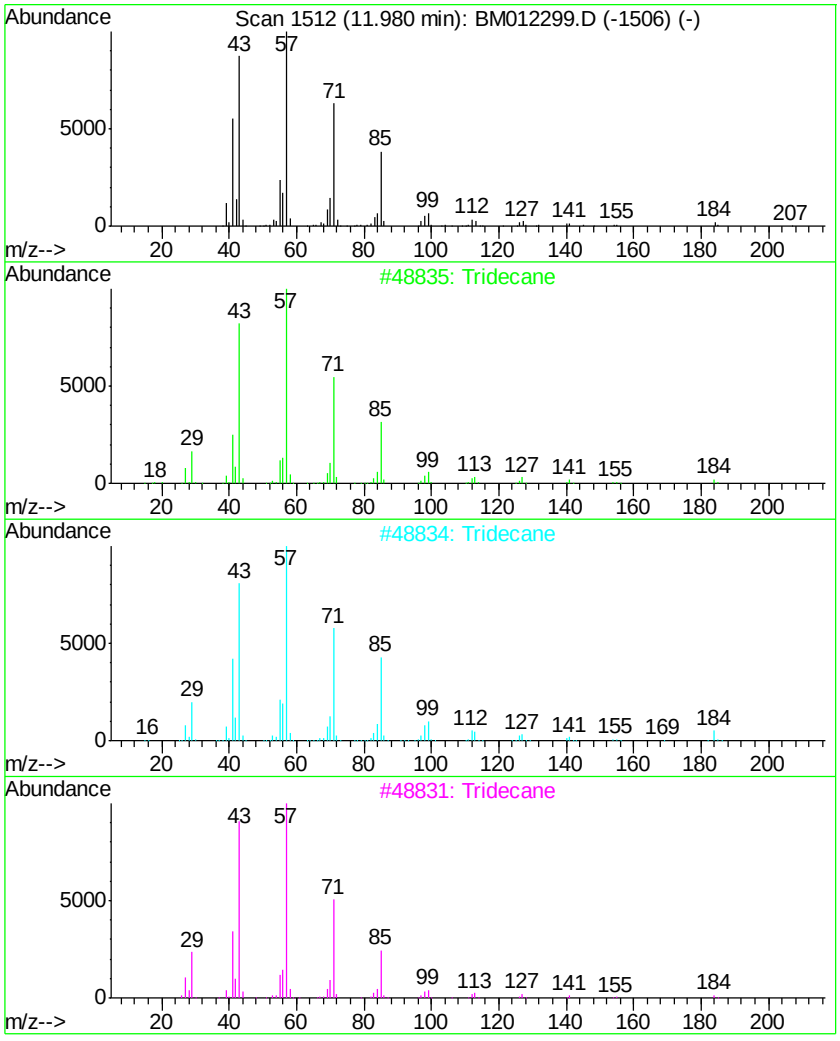
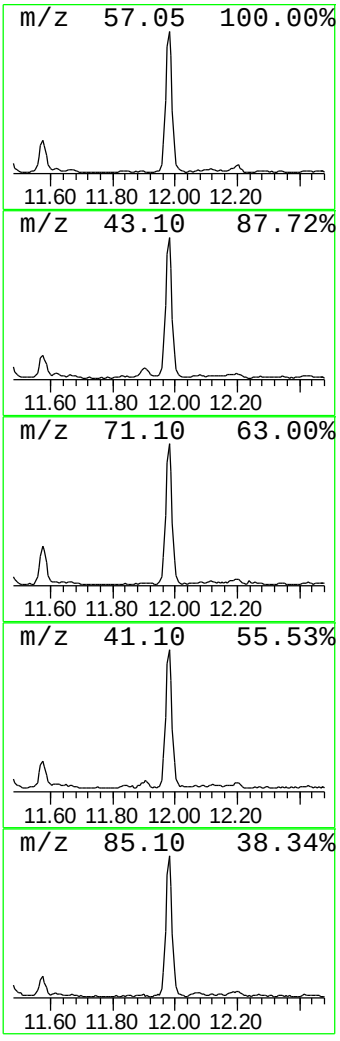
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	11.14 ng/ul	1118280	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tridecane	184	C13H28	000629-50-5	95
3	Tridecane	184	C13H28	000629-50-5	93
4	Hexadecane	226	C16H34	000544-76-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Quant Title : SVOA CALIBRATION

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

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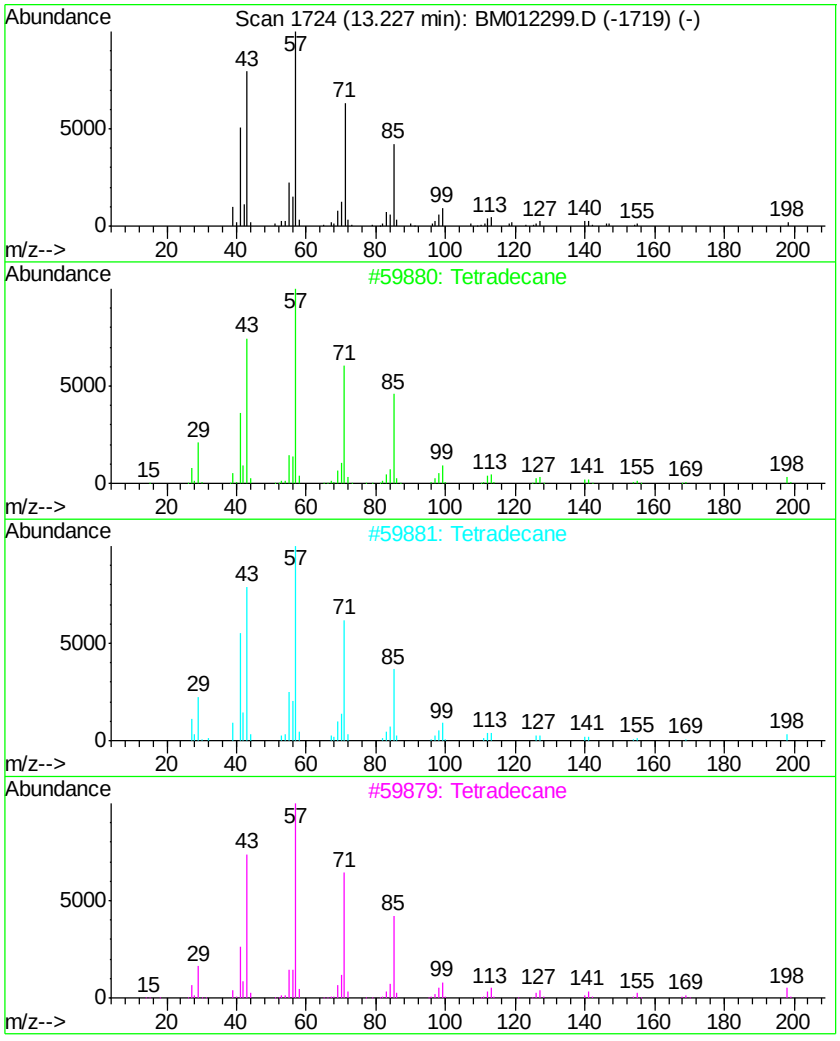
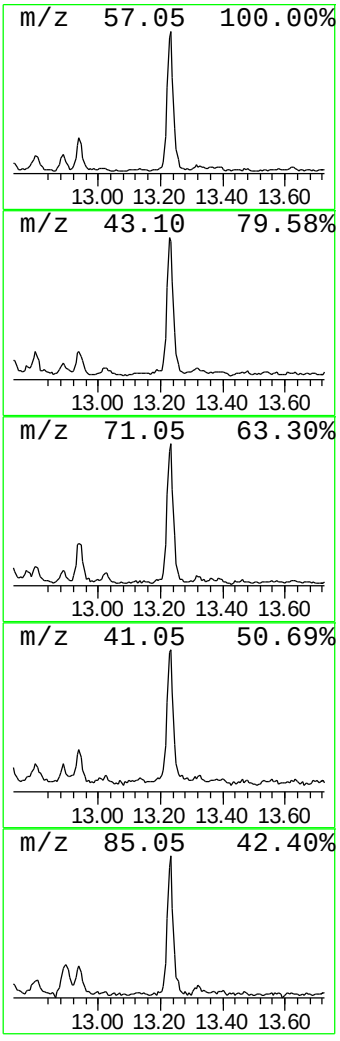
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.59 ng/ul	379815	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tetradecane	198	C14H30	000629-59-4	96
3	Tetradecane	198	C14H30	000629-59-4	96
4	Tetradecane	198	C14H30	000629-59-4	96
5	Tridecane	184	C13H28	000629-50-5	91





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Quant Title : SVOA CALIBRATION

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

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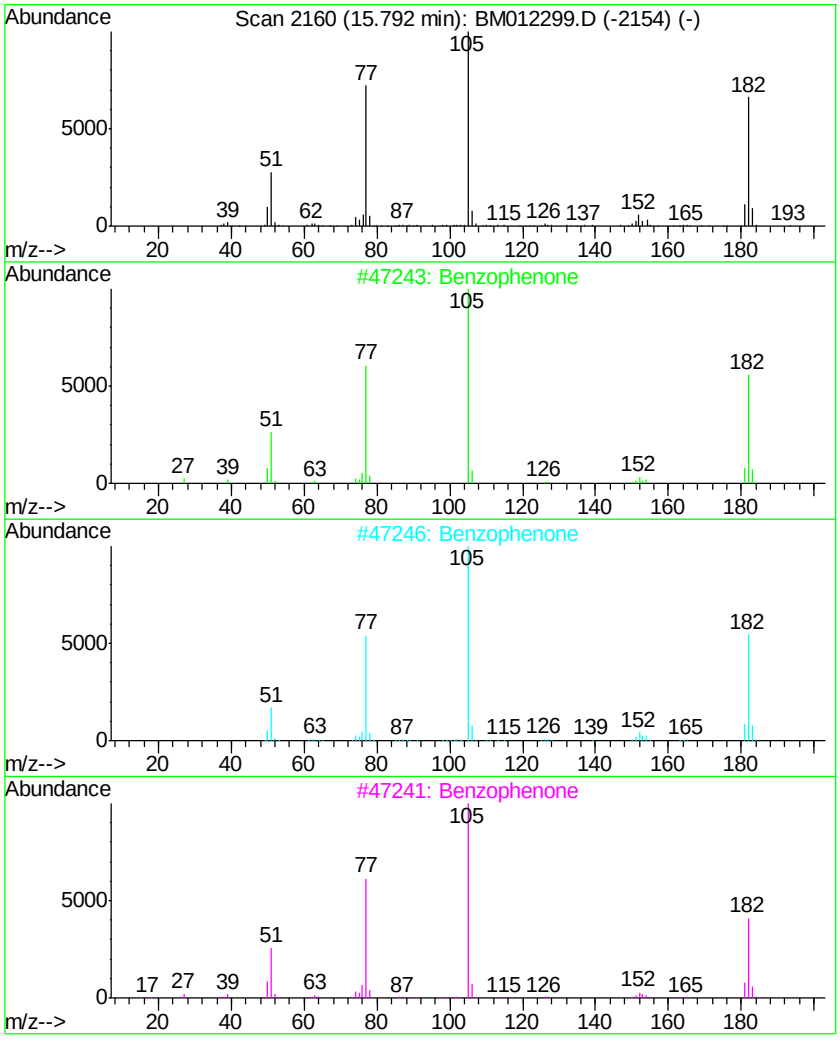
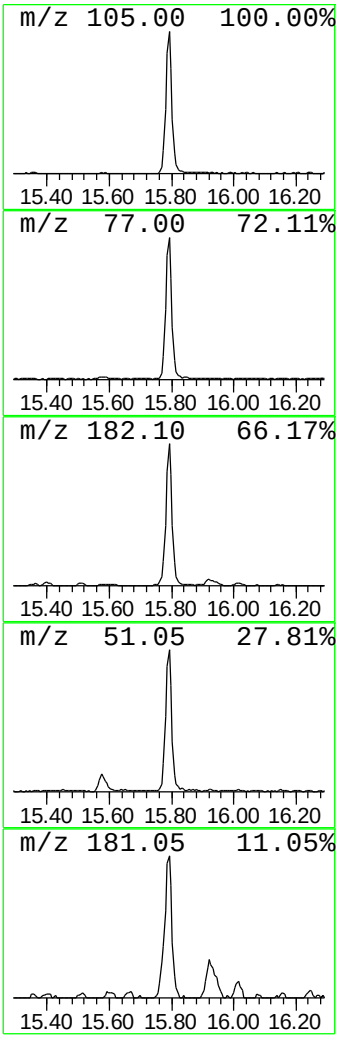
Peak Number 19 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	7.29 ng/ul	771920	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Azobenzene	182	C12H10N2	000103-33-3	53





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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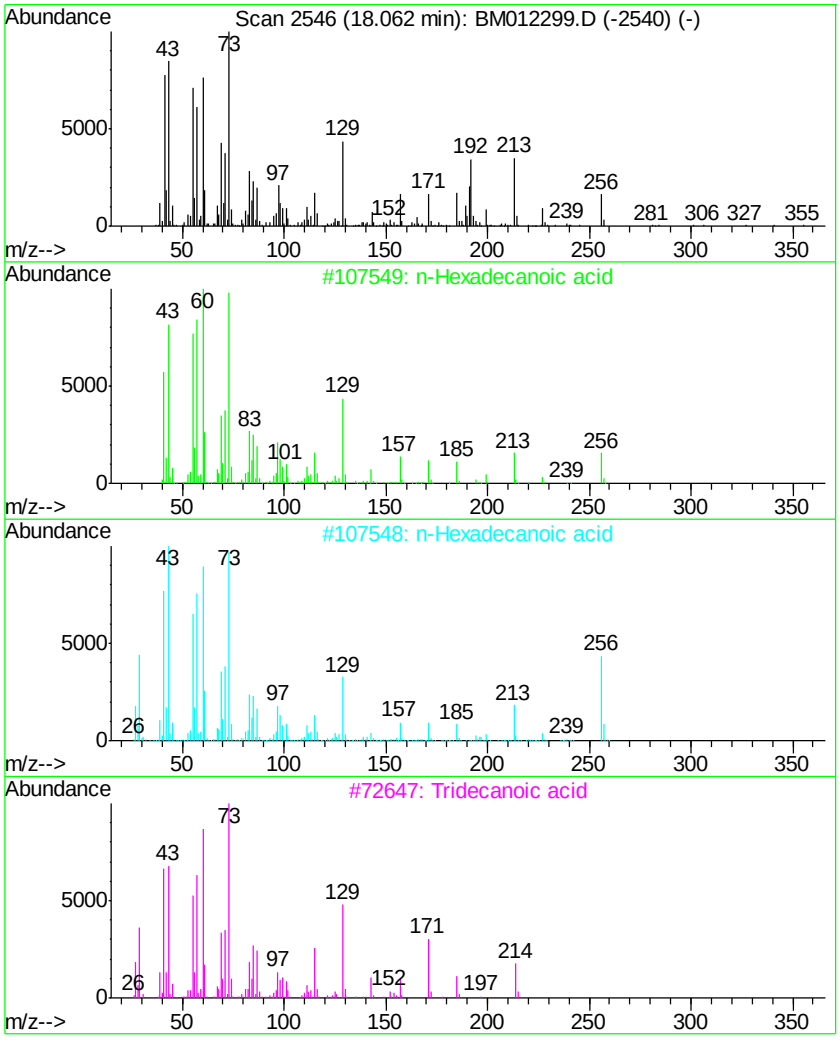
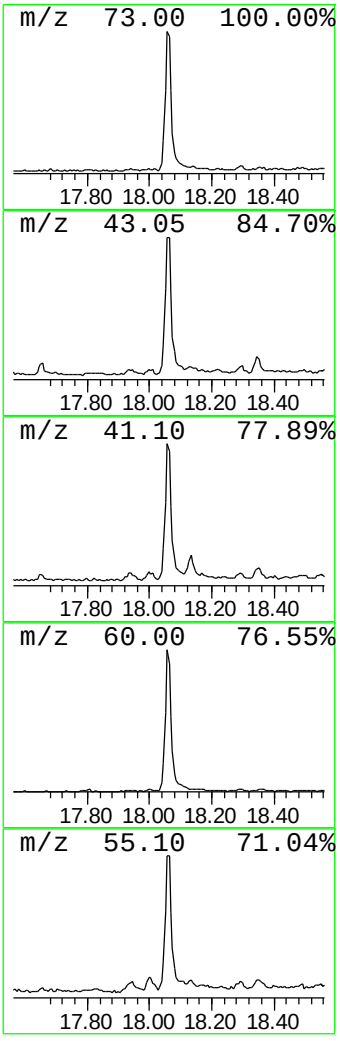
Peak Number 20 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	9.93 ng/ul	1187650	Phenanthrene-d10	17.18

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	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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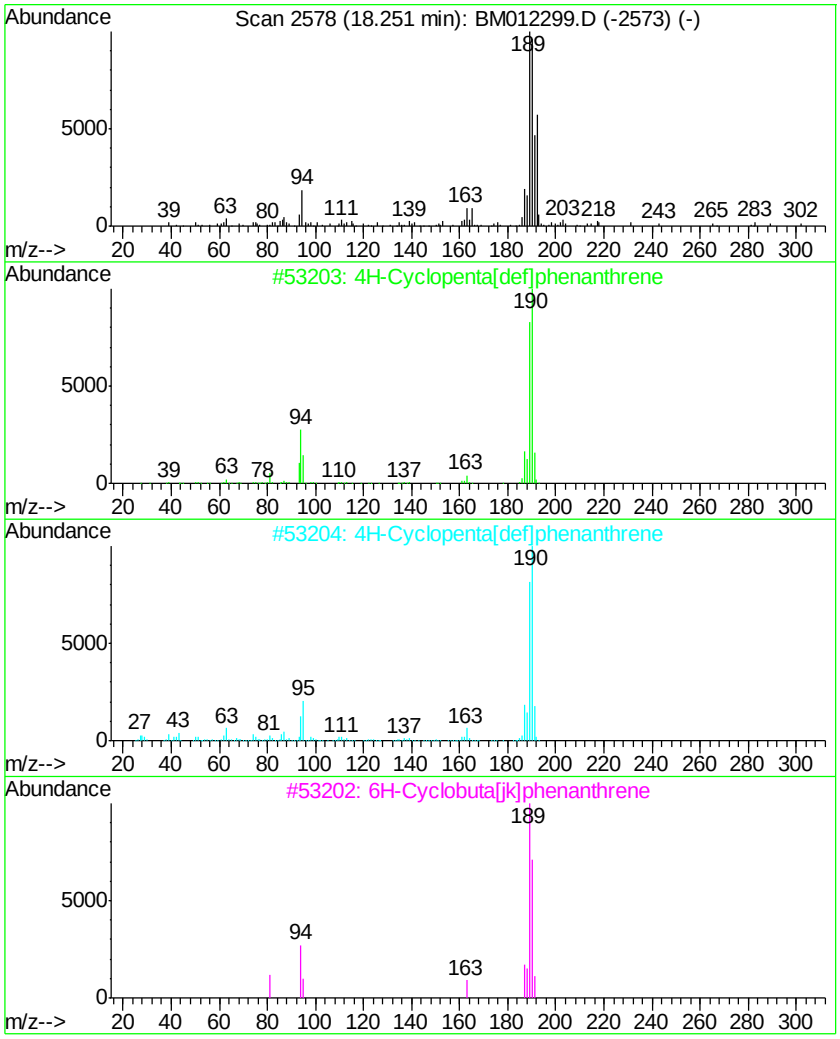
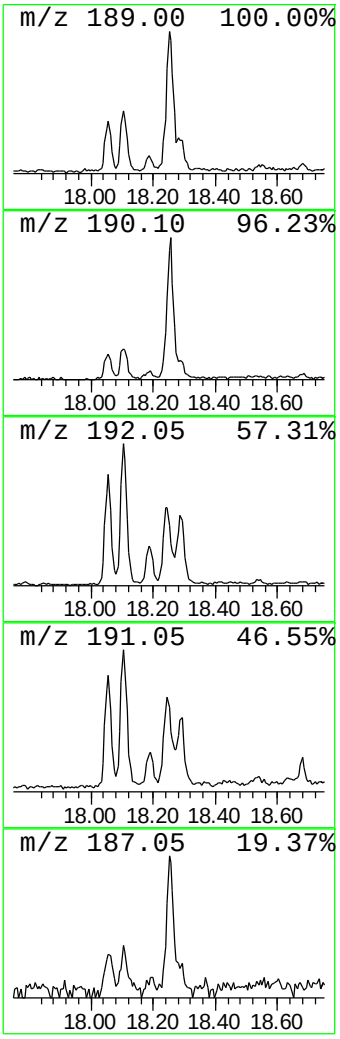
Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.00 ng/ul	239720	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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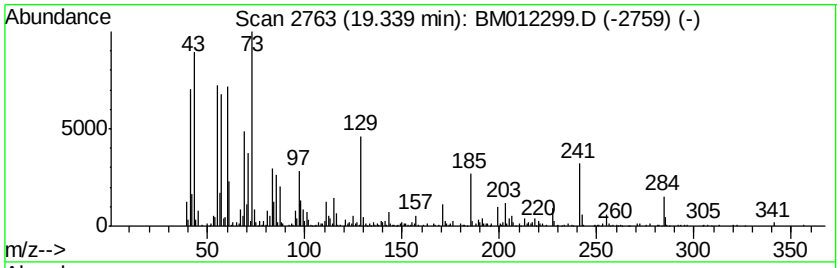
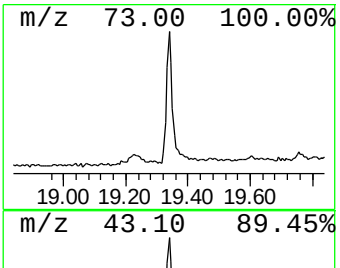
Peak Number 22 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.23 ng/ul	747091	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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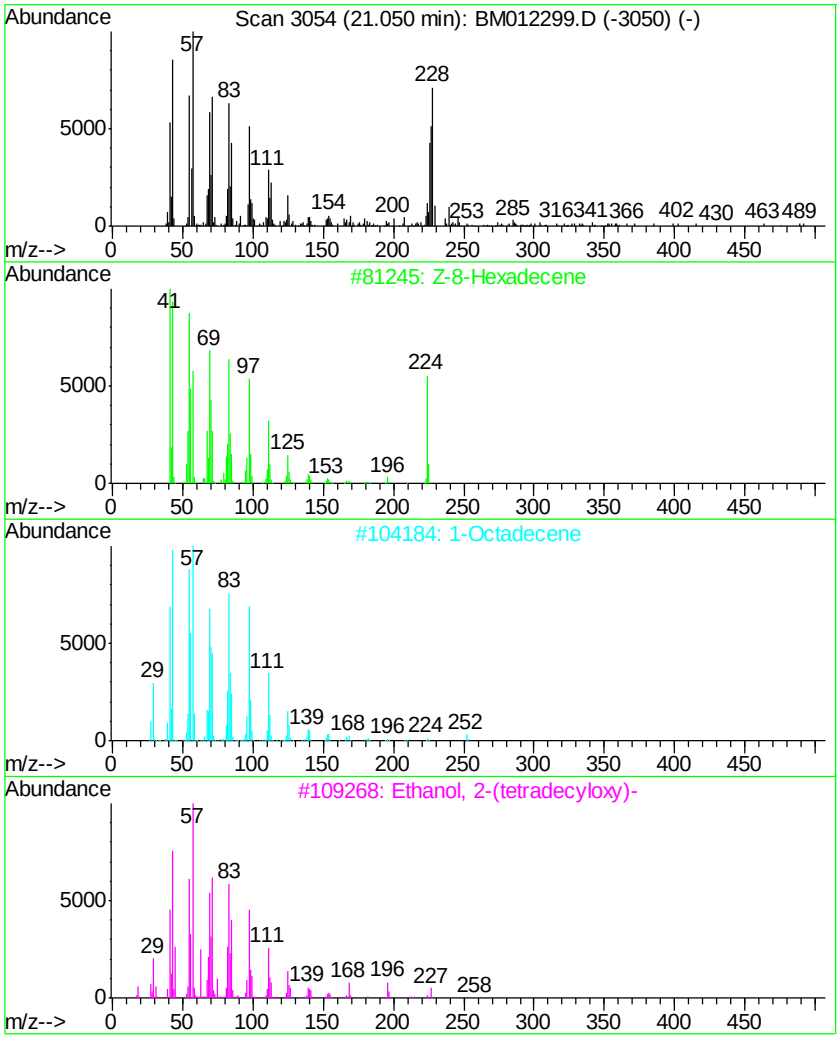
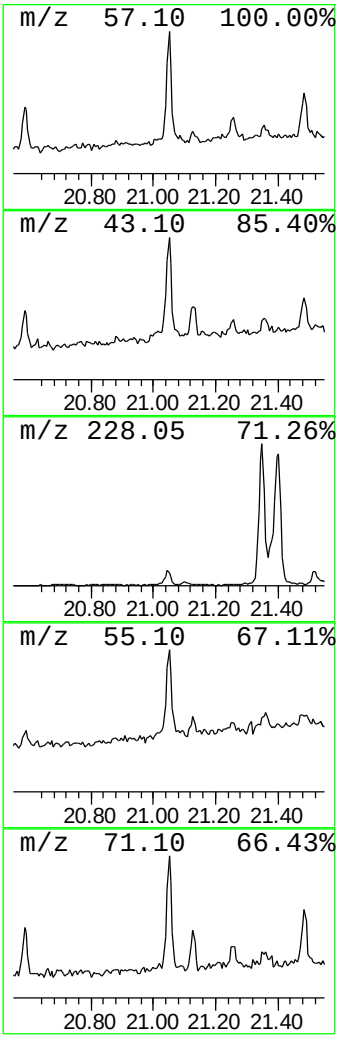
Peak Number 23 (DEL) Alkane: Cyclic21.05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.11 ng/ul	548835	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	89
2	1-Octadecene	252	C18H36	000112-88-9	76
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64
4	Cyclohexadecane	224	C16H32	000295-65-8	58
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(0-1)-100617

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Methyl Isobutyl K...	3.55	6.1	ng/ul	359270	1	7.77	1172500	20.0
Benzene, 1,3-dime...	5.77	9.5	ng/ul	559537	1	7.77	1172500	20.0
Benzene, 1-ethyl-...	6.85	2.8	ng/ul	165834	1	7.77	1172500	20.0
(DEL) Alkane: Str...	7.37	12.6	ng/ul	735937	1	7.77	1172500	20.0
Benzene, 1,2,3-tr...	7.42	6.6	ng/ul	387309	1	7.77	1172500	20.0
Benzene, 1-ethyl-...	7.88	3.8	ng/ul	220598	1	7.77	1172500	20.0
Benzene, 1-methyl...	8.32	4.3	ng/ul	254311	1	7.77	1172500	20.0
Benzene, 1,4-diet...	8.41	5.7	ng/ul	332805	1	7.77	1172500	20.0
Benzene, 1-methyl...	8.57	2.5	ng/ul	144135	1	7.77	1172500	20.0
Benzene, 4-ethyl-...	8.87	2.7	ng/ul	159548	1	7.77	1172500	20.0
(DEL) Alkane: Str...	9.97	2.1	ng/ul	213945	2	10.57	2008590	20.0
(DEL) Alkane: Str...	11.57	2.6	ng/ul	265505	2	10.57	2008590	20.0
unknown-01	11.90	2.2	ng/ul	223341	2	10.57	2008590	20.0
(DEL) Alkane: Str...	11.98	11.1	ng/ul	1118280	2	10.57	2008590	20.0
(DEL) Alkane: Str...	13.23	3.6	ng/ul	379815	3	14.43	2117600	20.0
Benzophenone	15.79	7.3	ng/ul	771920	3	14.43	2117600	20.0
n-Hexadecanoic acid	18.06	9.9	ng/ul	1187650	4	17.18	2392070	20.0
4H-Cyclopenta[def...	18.25	2.0	ng/ul	239720	4	17.18	2392070	20.0
Octadecanoic acid	19.34	4.2	ng/ul	747091	5	21.36	3529670	20.0
(DEL) Alkane: Cyc...	21.05	3.1	ng/ul	548835	5	21.36	3529670	20.0