LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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	4.534	240	246	259	rBV	978471	1595832	1.56%	0.410%
2	5.334	376	382	389	rVV	16425557	25454379	24.81%	6.542%
3	5.481	398	407	422	rVB2	41899805	102583822	100.00%	26.364%
4	5.840	461	468	477	rVB2	23897077	40468693	39.45%	10.401%
5	6.316	541	549	555	rBV	2622119	4667198	4.55%	1.199%
6	6.369	555	558	563	rVV	1115147	1573281	1.53%	0.404%
7	6.457	563	573	586	rVV2	1685772	3556253	3.47%	0.914%
8	6.716	609	617	622	rVB3	481015	1104467	1.08%	0.284%
9	6.810	628	633	638	rVV	3722923	5616309	5.47%	1.443%
10	6.869	638	643	646	rVV	1540346	2197569	2.14%	0.565%
11	6.916	646	651	656	rVV	5640245	8679795	8.46%	2.231%
12	6.975	656	661	665	rVV	3835578	6321058	6.16%	1.625%
13	7.010	665	667	670	rVV	1038387	1381117	1.35%	0.355%
14	7.057	670	675	681	rVB	3848153	5861095	5.71%	1.506%
15	7.169	686	694	698	rBV2	838981	1564018	1.52%	0.402%
16	7.222	698	703	709	rVB	1080694	1761854	1.72%	0.453%
17	7.310	714	718	722	rVV	799299	1421369	1.39%	0.365%
18	7.375	723	729	735	rVV2	1475836	3030960	2.95%	0.779%
19	7.451	735	742	745	rVV	20774797	31737636	30.94%	8.157%
20	7.487	745	748	755	rVV	9933933	14167041	13.81%	3.641%
21	7.734	786	790	795	rVV	763945	1343751	1.31%	0.345%
22	7.798	795	801	805	rVV	2172347	3311054	3.23%	0.851%
23	7.839	805	808	811	rVV	1196187	1935982	1.89%	0.498%
24	7.869	811	813	821	rVB2	1157722	1976715	1.93%	0.508%
25	7.951	821	827	833	rBV2	3064225	5497832	5.36%	1.413%
26	8.116	850	855	862	rVB3	1302615	2363794	2.30%	0.608%
27	8.322	885	890	892	rBV	926390	1406477	1.37%	0.361%
28	8.381	896	900	904	rVV	1931795	2752980	2.68%	0.708%
29	8.475	910	916	922	rBV2	4379265	7527989	7.34%	1.935%
30	8.557	922	930	933	rVV	1126025	2520860	2.46%	0.648%
31	8.586	933	935	939	rVV	976326	1238647	1.21%	0.318%
32	8.634	939	943	945	rVV	944727	1410626	1.38%	0.363%
33	8.669	945	949	955	rVV2	1956295	3396002	3.31%	0.873%
34	8.739	955	961	965	rVV	975332	1812230	1.77%	0.466%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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	8.786	965	969	973	rVV	762154	1198521	1.17%	0.308%
36	8.839	973	978	984	rVB	1050473	1668417	1.63%	0.429%
37	8.939	990	995	999	rBV2	1876759	2797731	2.73%	0.719%
38	9.010	999	1007	1009	rVV2	995869	2122551	2.07%	0.546%
39	9.057	1009	1015	1025	rVB	13688855	21012661	20.48%	5.400%
40	9.186	1031	1037	1045	rVB4	796633	1767034	1.72%	0.454%
41	9.275	1045	1052	1067	rBV6	535108	1882879	1.84%	0.484%
42	9.463	1079	1084	1090	rBV	806799	1185251	1.16%	0.305%
43	9.528	1090	1095	1098	rBV	628225	1025910	1.00%	0.264%
44	9.733	1117	1130	1139	rBV4	1032318	3277397	3.19%	0.842%
45	10.045	1177	1183	1188	rVV2	797774	1405989	1.37%	0.361%
46	10.275	1216	1222	1228	rVV	1338615	2243358	2.19%	0.577%
47	10.598	1268	1277	1281	rBV	2187482	3698168	3.61%	0.950%
48	10.645	1281	1285	1290	rVV	1515585	2526617	2.46%	0.649%
49	10.698	1290	1294	1299	rVB	676238	1093065	1.07%	0.281%
50	10.786	1303	1309	1316	rVB2	819918	1442804	1.41%	0.371%
51	12.045	1519	1523	1535	rVB	916465	1369621	1.34%	0.352%
52	13.898	1828	1838	1842	rBV	2070840	3112884	3.03%	0.800%
53	13.945	1842	1846	1851	rVB	1060989	1542794	1.50%	0.397%
54	14.186	1881	1887	1900	rBV	2424385	3616961	3.53%	0.930%
55	14.492	1933	1939	1945	rVB2	1965893	2904320	2.83%	0.746%
56	15.486	2100	2108	2114	rBV	2786953	3930682	3.83%	1.010%
57	17.239	2401	2406	2411	rBV2	2222457	3136362	3.06%	0.806%
58	17.339	2418	2423	2433	rBV2	2660578	3803816	3.71%	0.978%
59	18.115	2551	2555	2559	rBV	1246347	1652111	1.61%	0.425%
60	19.633	2809	2813	2817	rBV	3147875	4737342	4.62%	1.218%
61	20.539	2964	2967	2970	rVB	1686455	1891171	1.84%	0.486%
62	21.421	3114	3117	3121	rVB	3225588	3813879	3.72%	0.980%

Sum of corrected areas: 389098981

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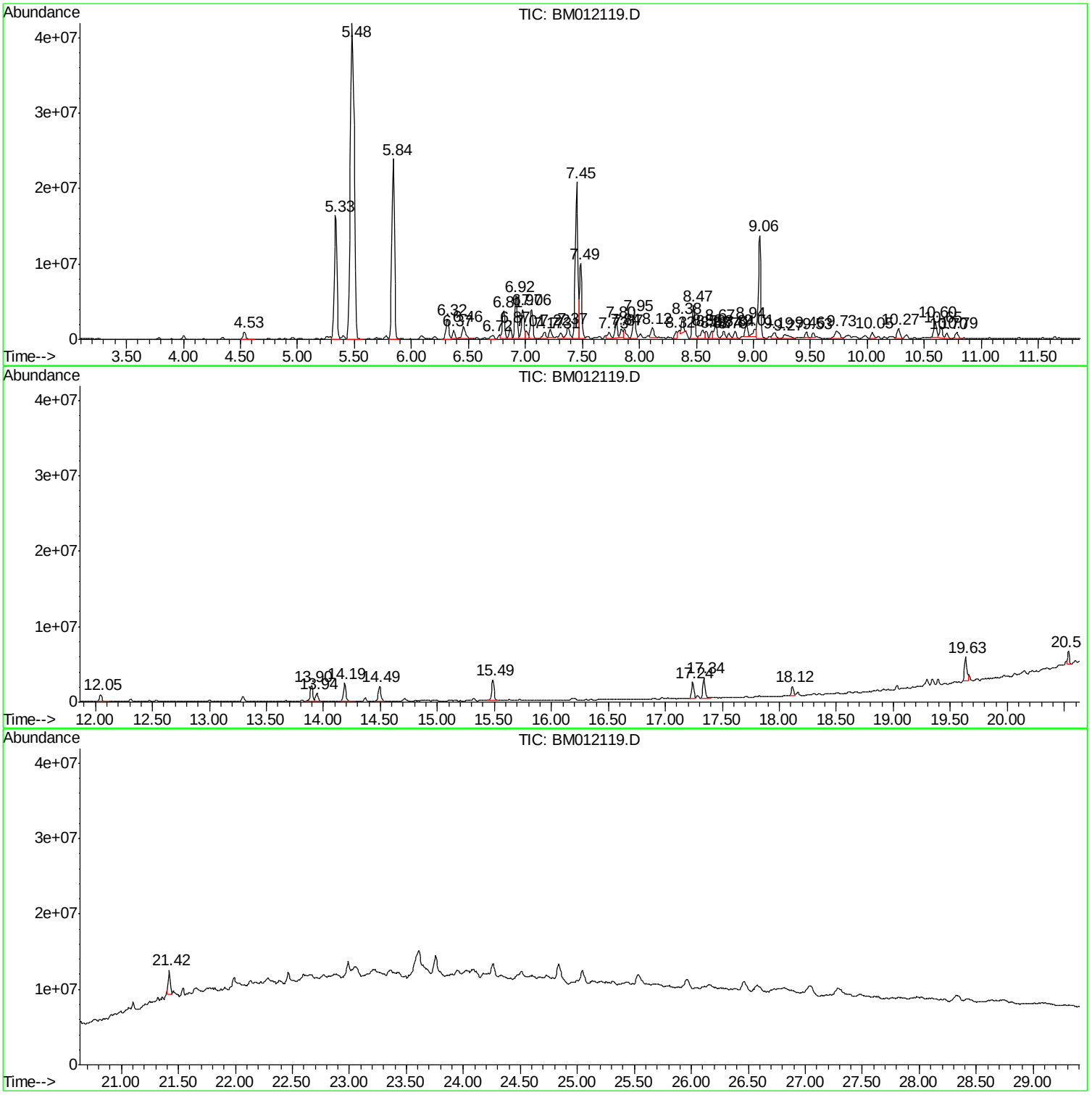
Instrument :
BNA_M
ClientSampleId :
B-58(1-2)-092717

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



Library Search Compound Report

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

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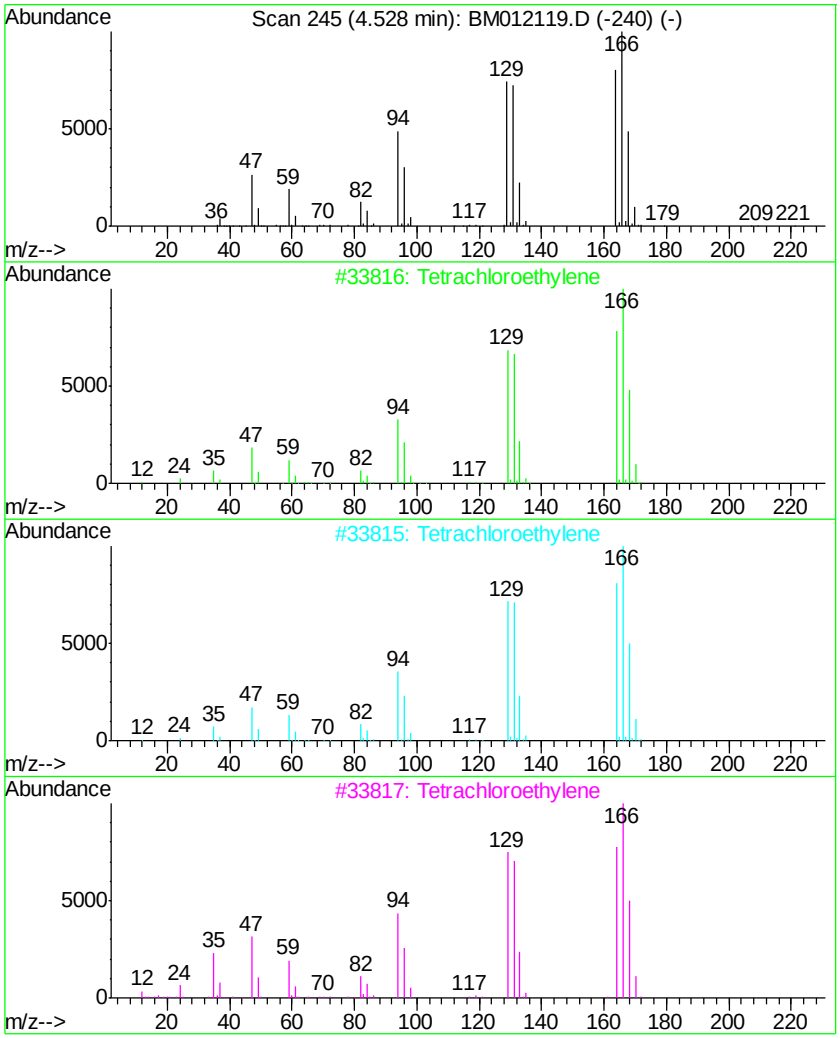
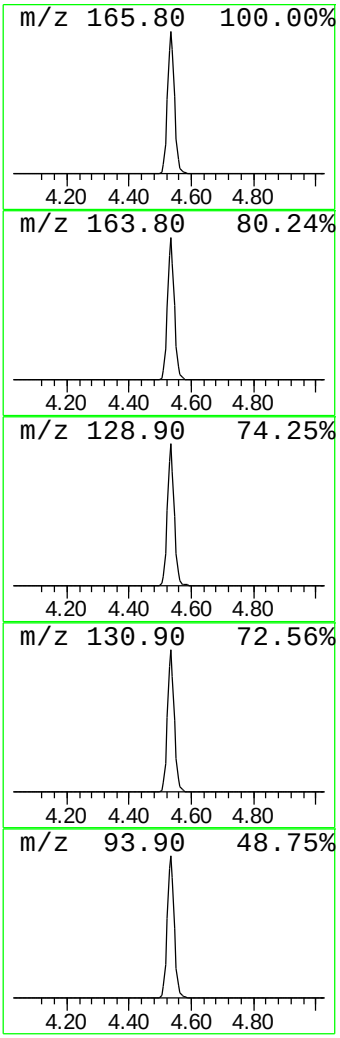
Peak Number 1 Tetrachloroethylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	16.49 ng/ul	1595830	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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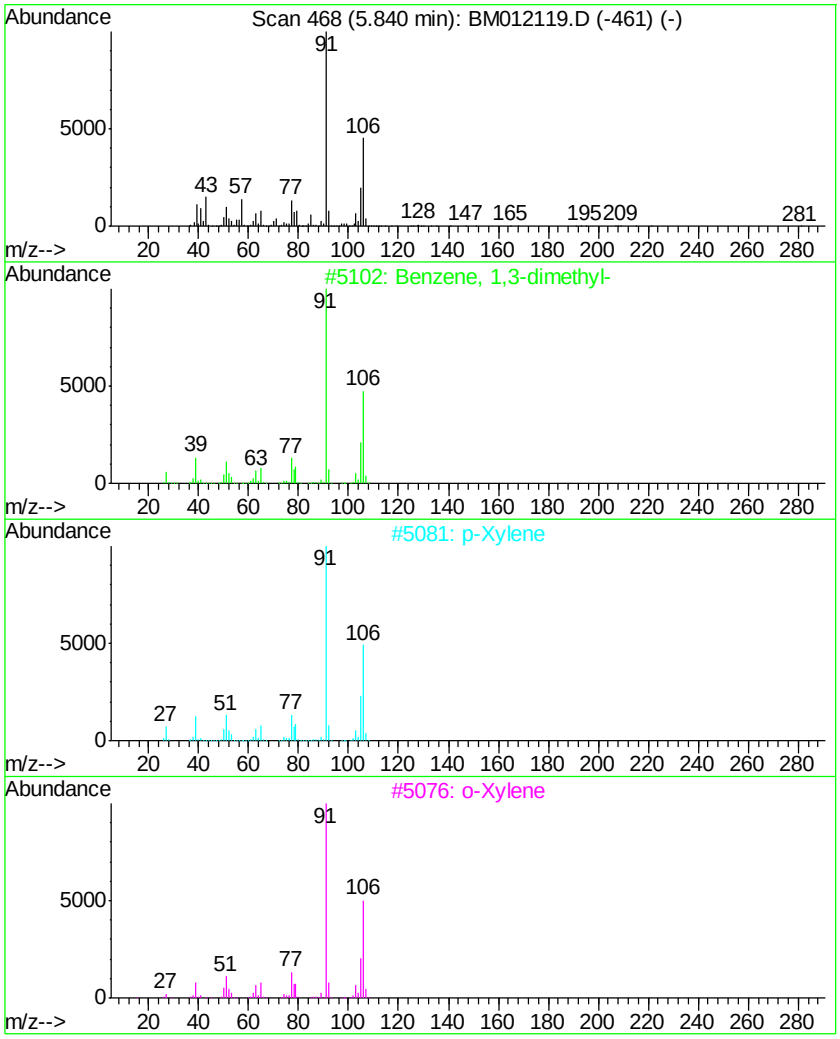
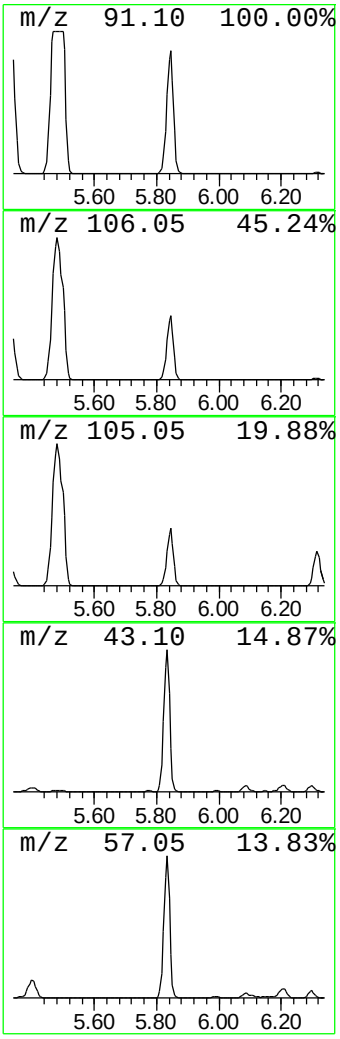
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	418.07 ng/ul	40468700	1,4-Dichlorobenzene-d4	7.84

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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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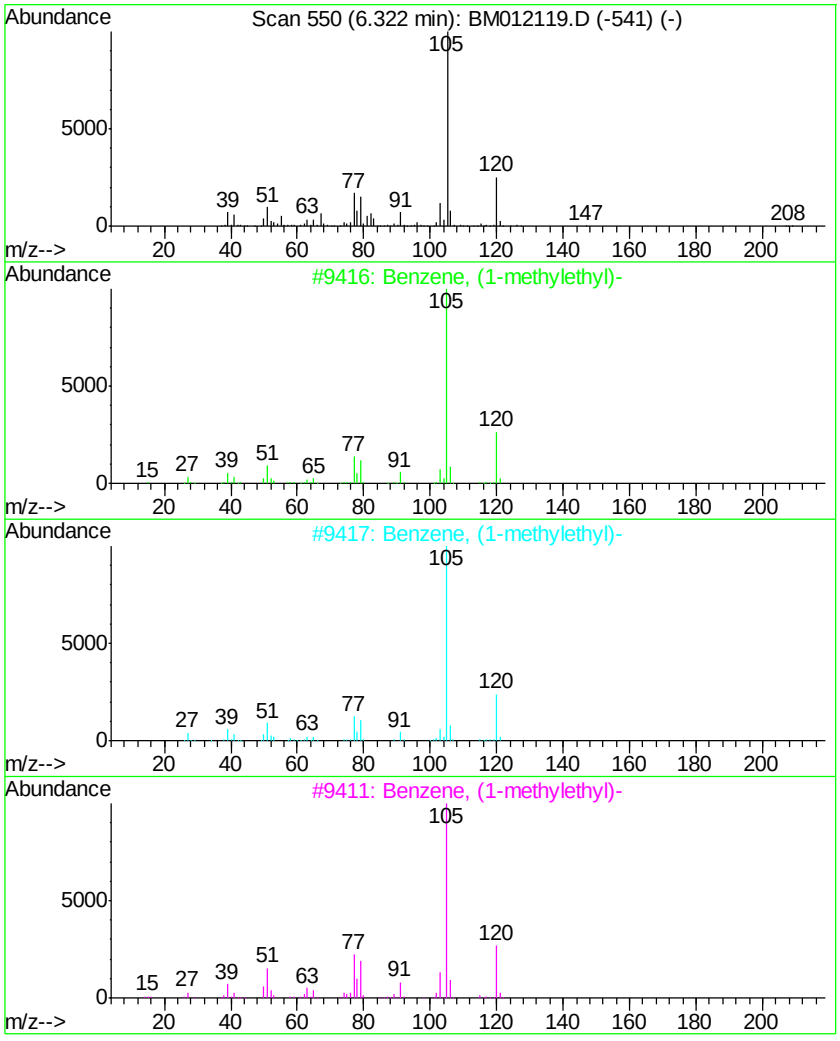
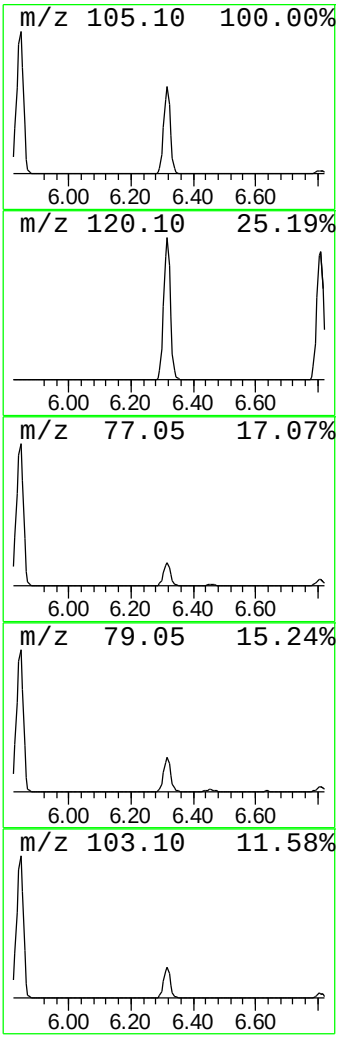
Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	48.22 ng/ul	4667200	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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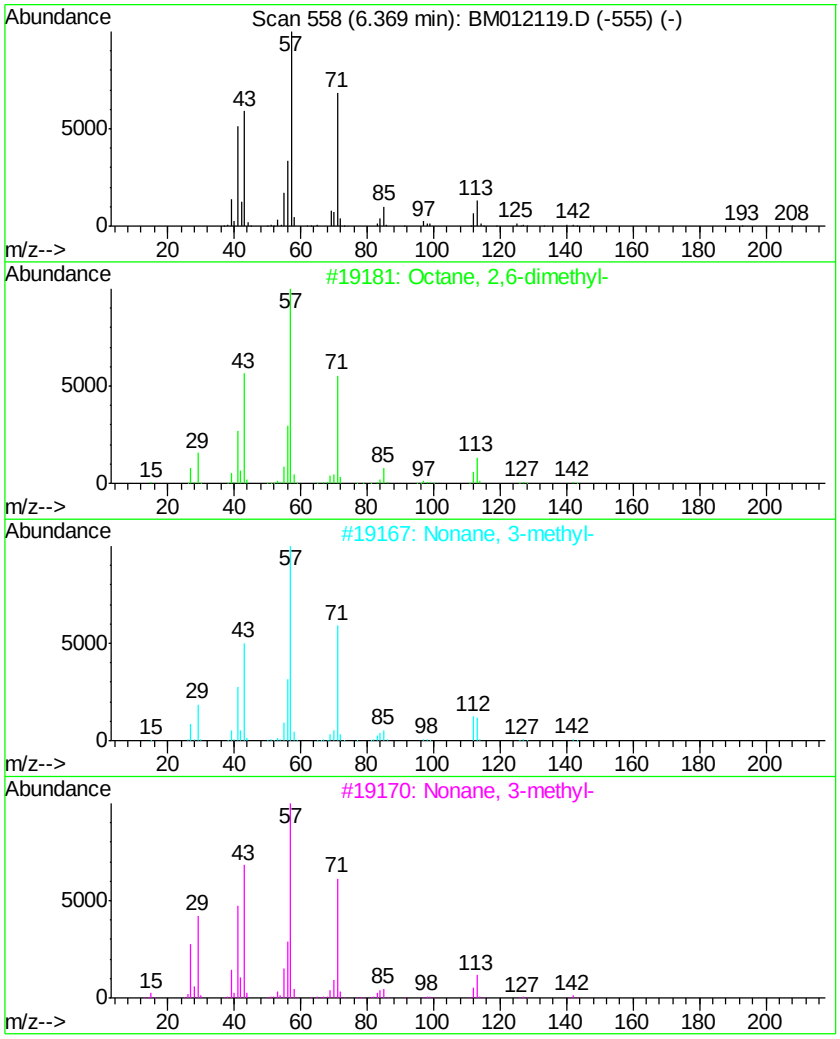
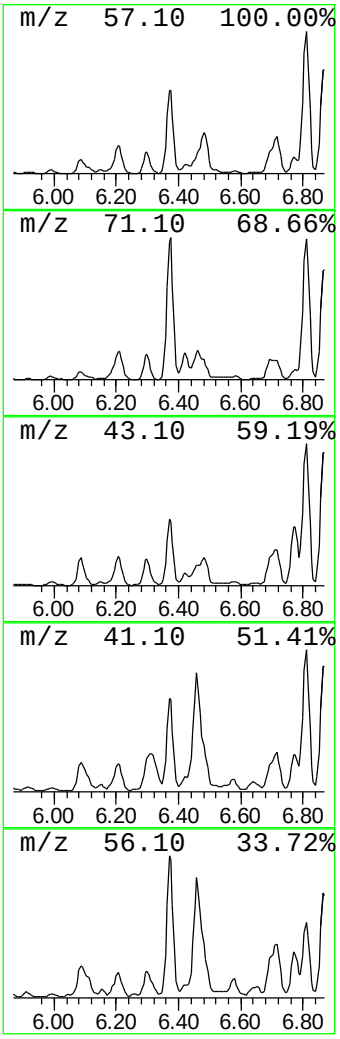
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	16.25 ng/ul	1573280	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86





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Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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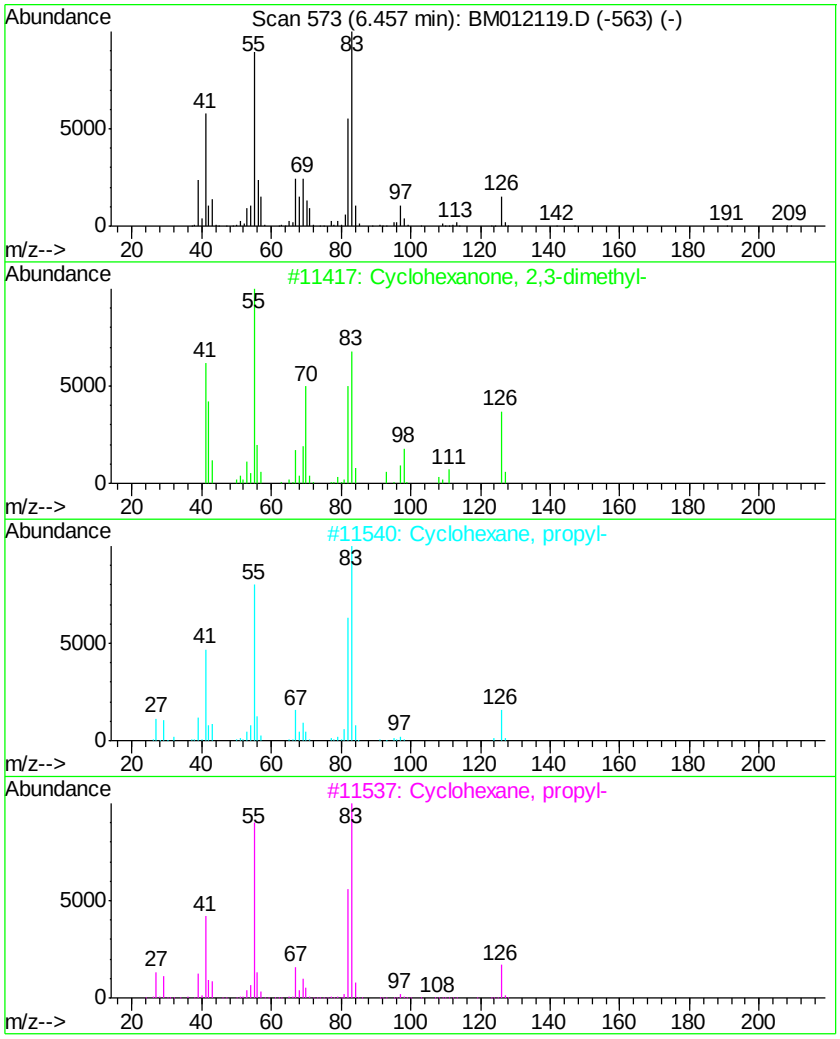
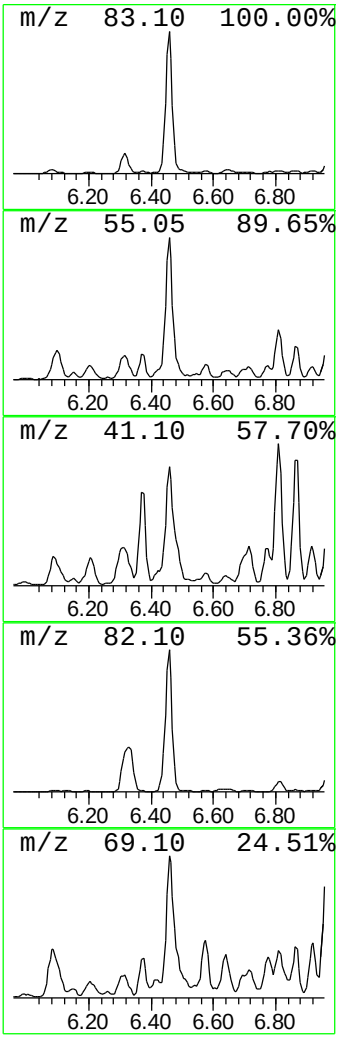
Peak Number 7 Cyclohexanone, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	36.74 ng/ul	3556250	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	90
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





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Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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

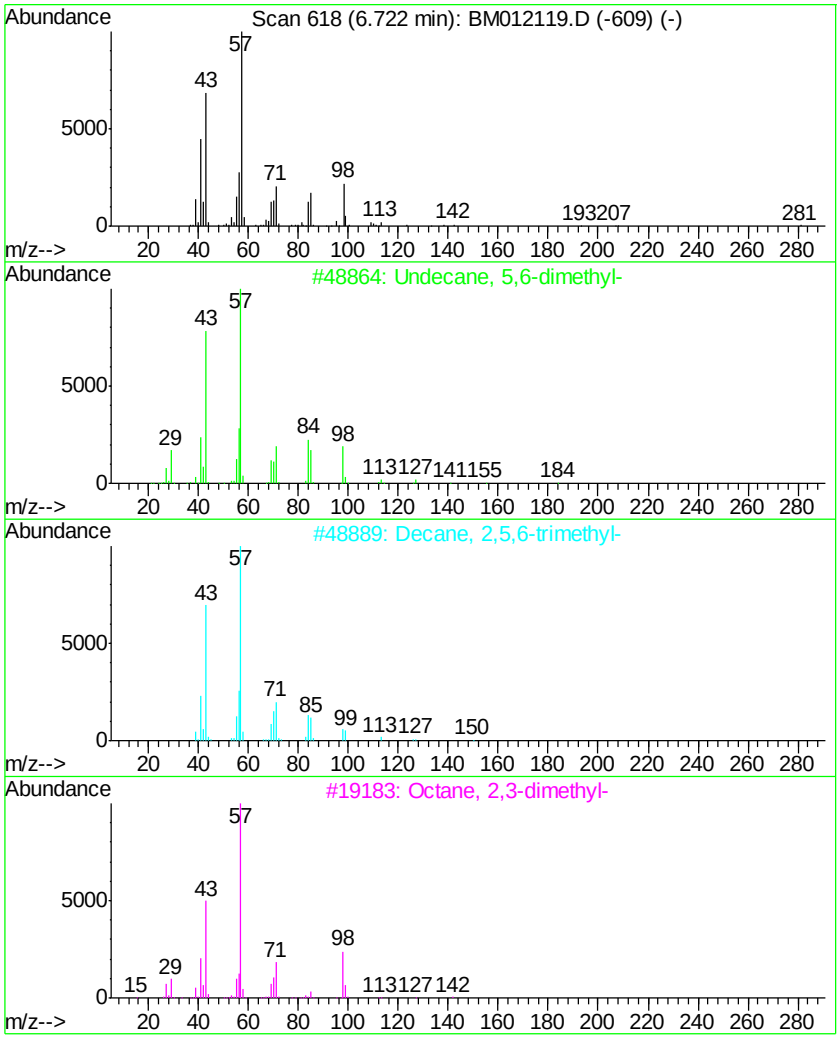
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

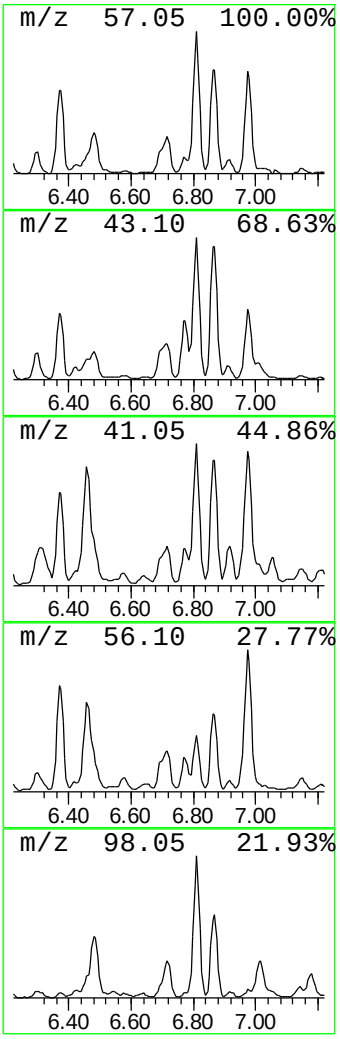
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	11.41 ng/ul	1104470	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	86
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49





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Data File : BM012119.D
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Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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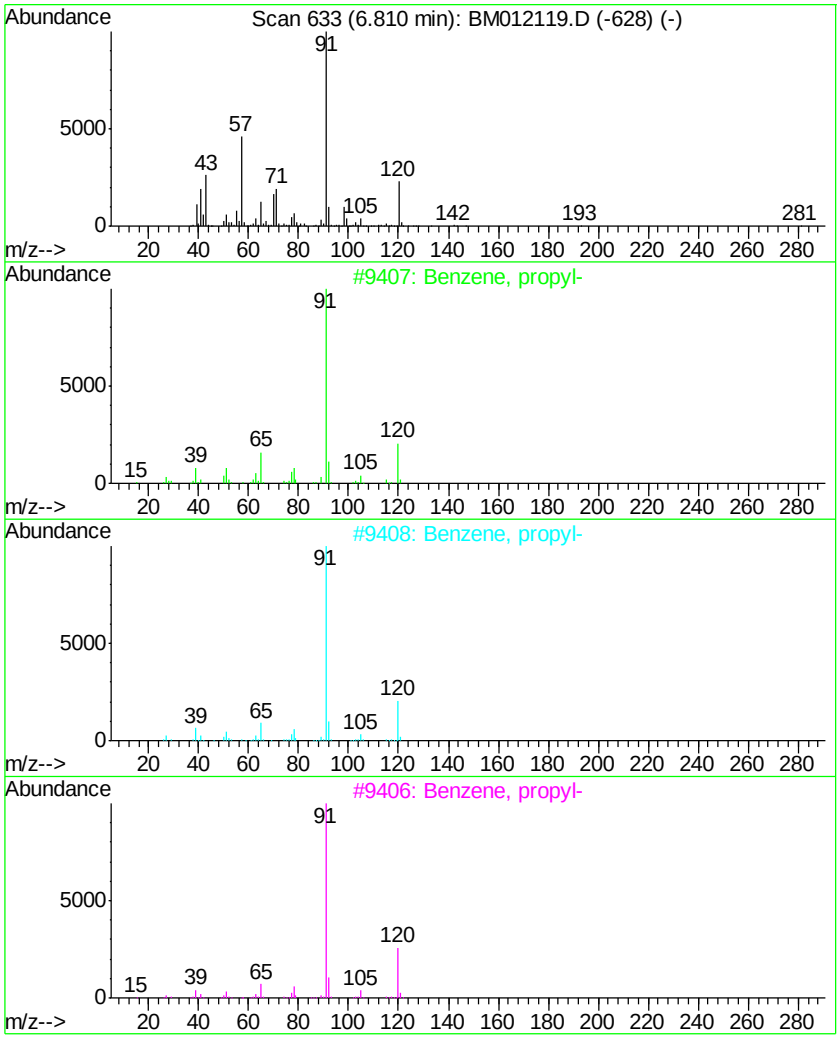
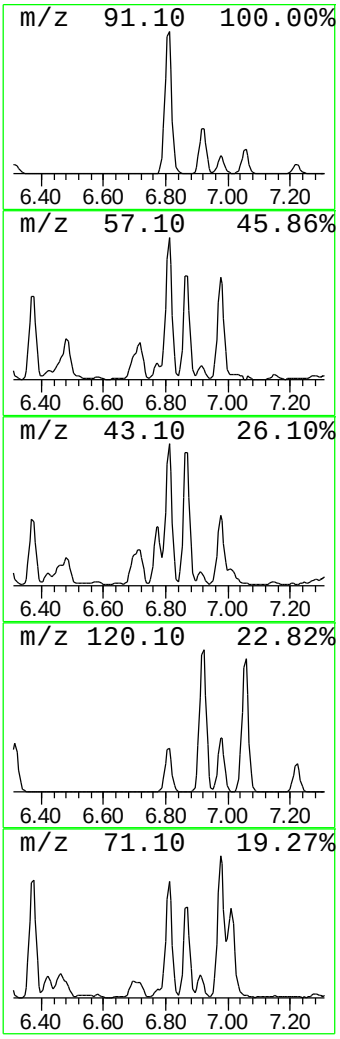
Peak Number 9 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	58.02 ng/ul	5616310	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	86
2	Benzene, propyl-	120	C9H12	000103-65-1	50
3	Benzene, propyl-	120	C9H12	000103-65-1	45
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	41
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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Quant Title : SVOA CALIBRATION

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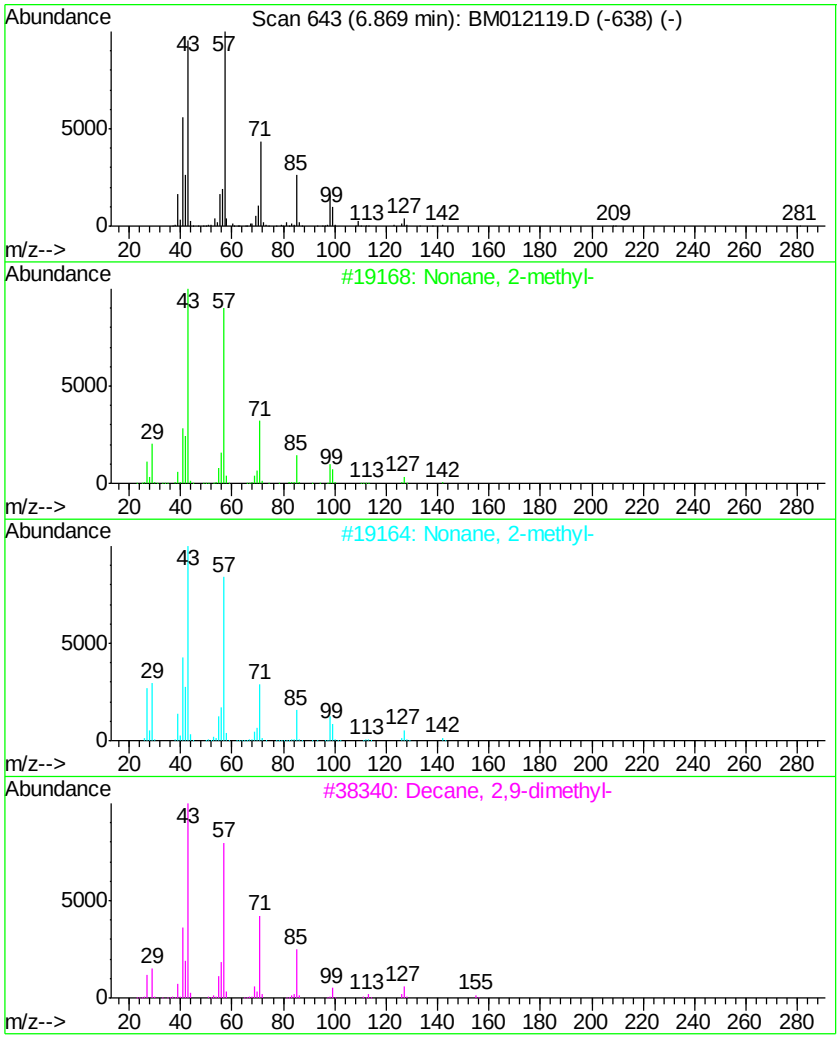
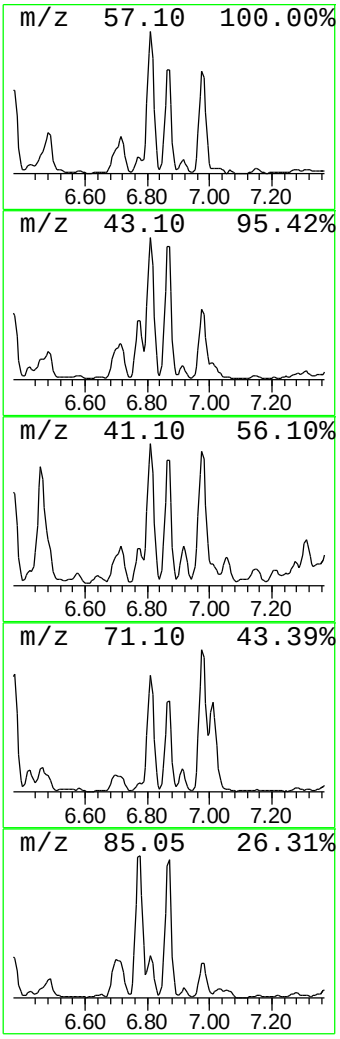
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	22.70 ng/ul	2197570	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	90
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	50





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Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
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Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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Quant Title : SVOA CALIBRATION

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

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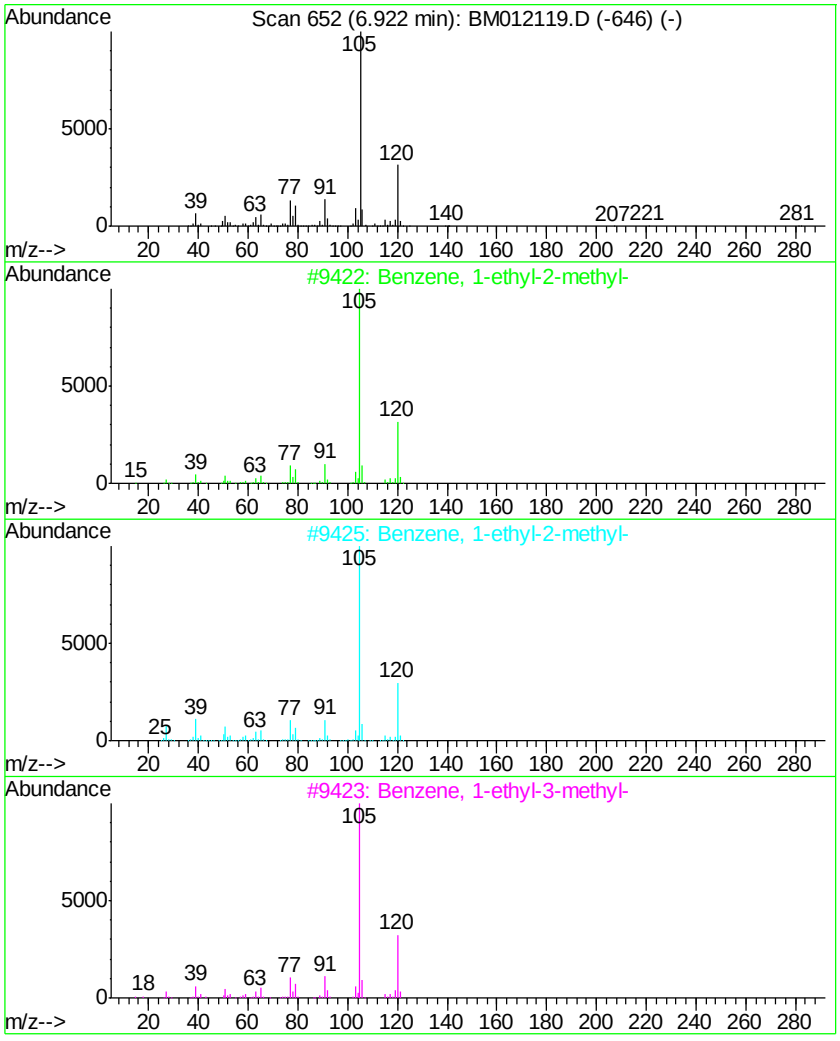
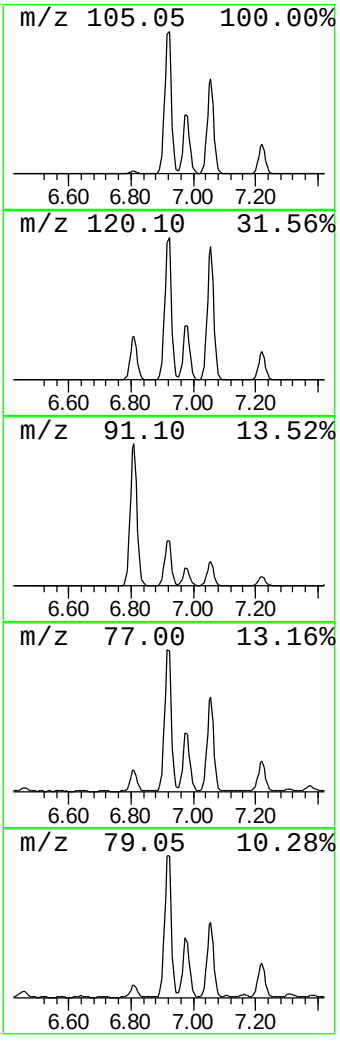
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	89.67 ng/ul	8679800	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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Quant Title : SVOA CALIBRATION

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

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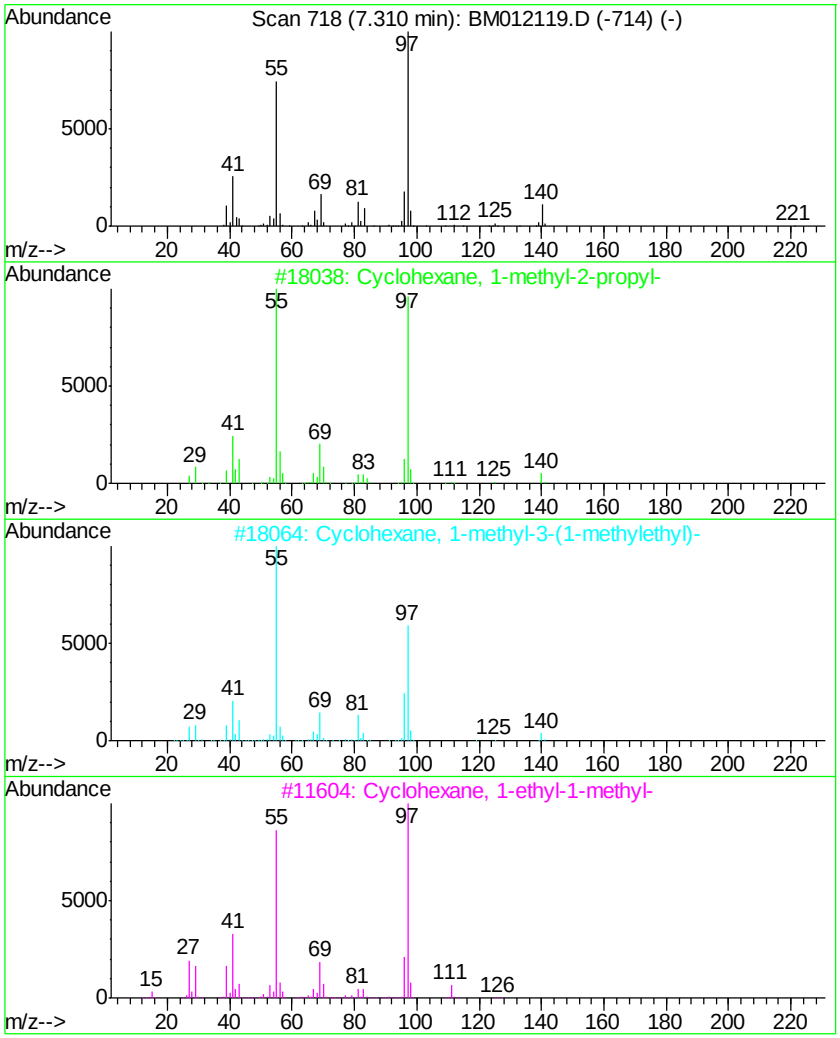
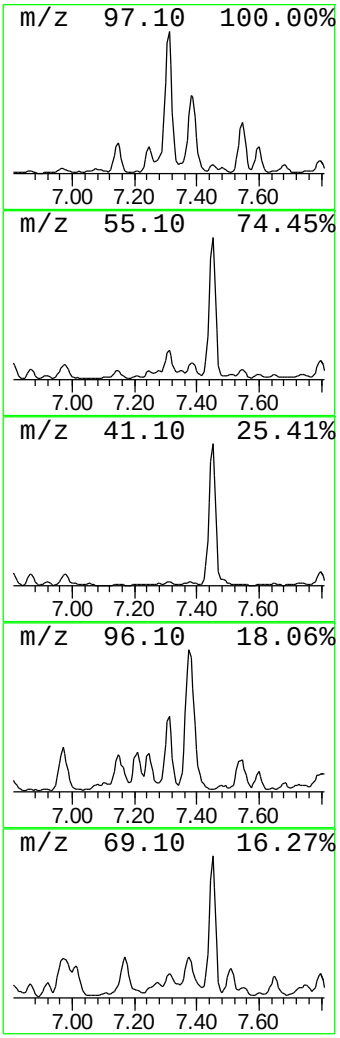
Peak Number 13 (DEL) Alkane: Cyclic7.31 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	14.68 ng/ul	1421370	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	86
2	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	83
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	83
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	74
5	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	72





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Quant Title : SVOA CALIBRATION

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

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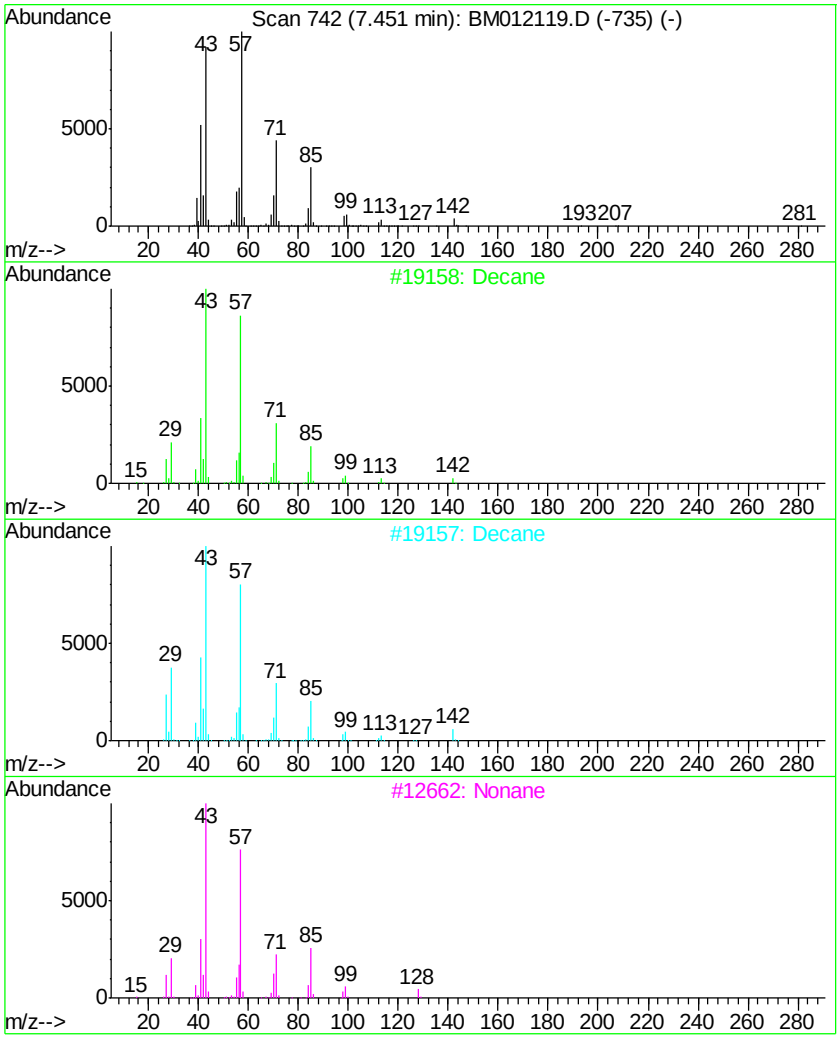
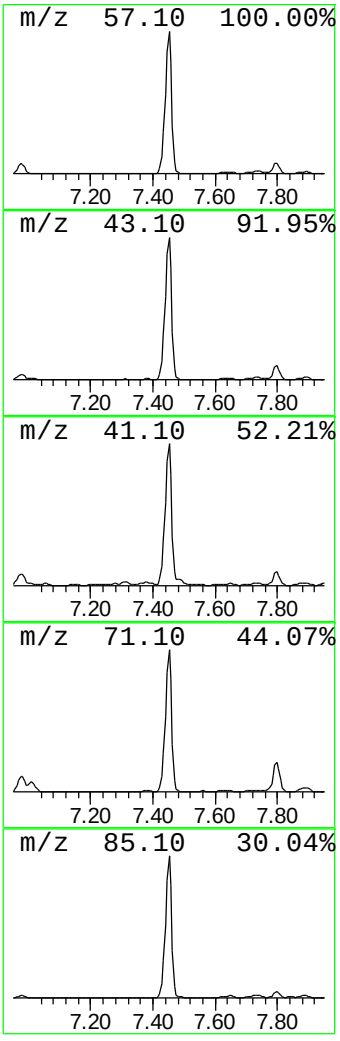
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	327.87 ng/ul	31737600	1,4-Dichlorobenzene-d4	7.84

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	Nonane	128	C9H20	000111-84-2	81
4	Nonane	128	C9H20	000111-84-2	81
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	74





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ClientSampleId : B-58(1-2)-092717

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Quant Title : SVOA CALIBRATION

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

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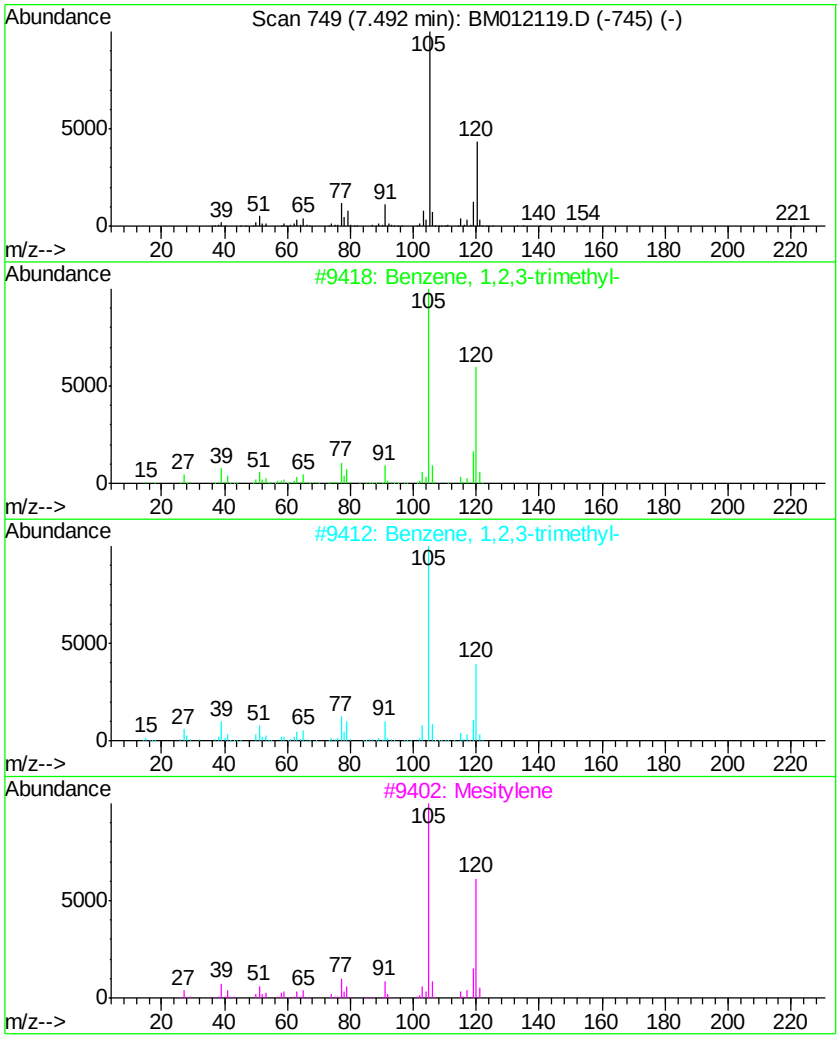
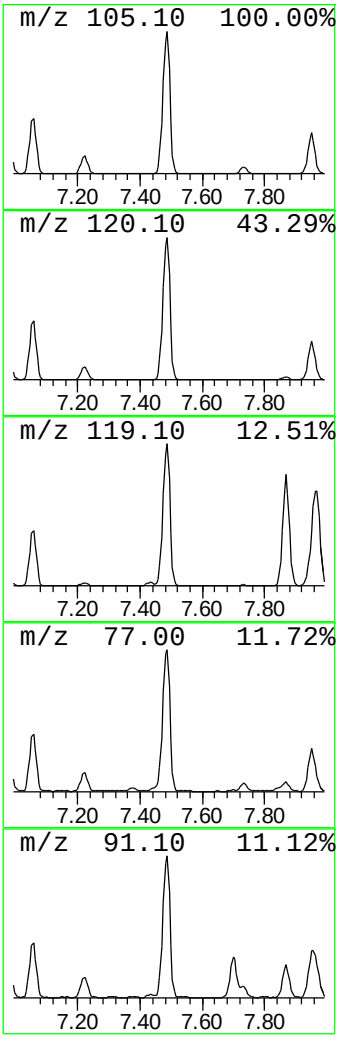
Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	146.36 ng/ul	14167000	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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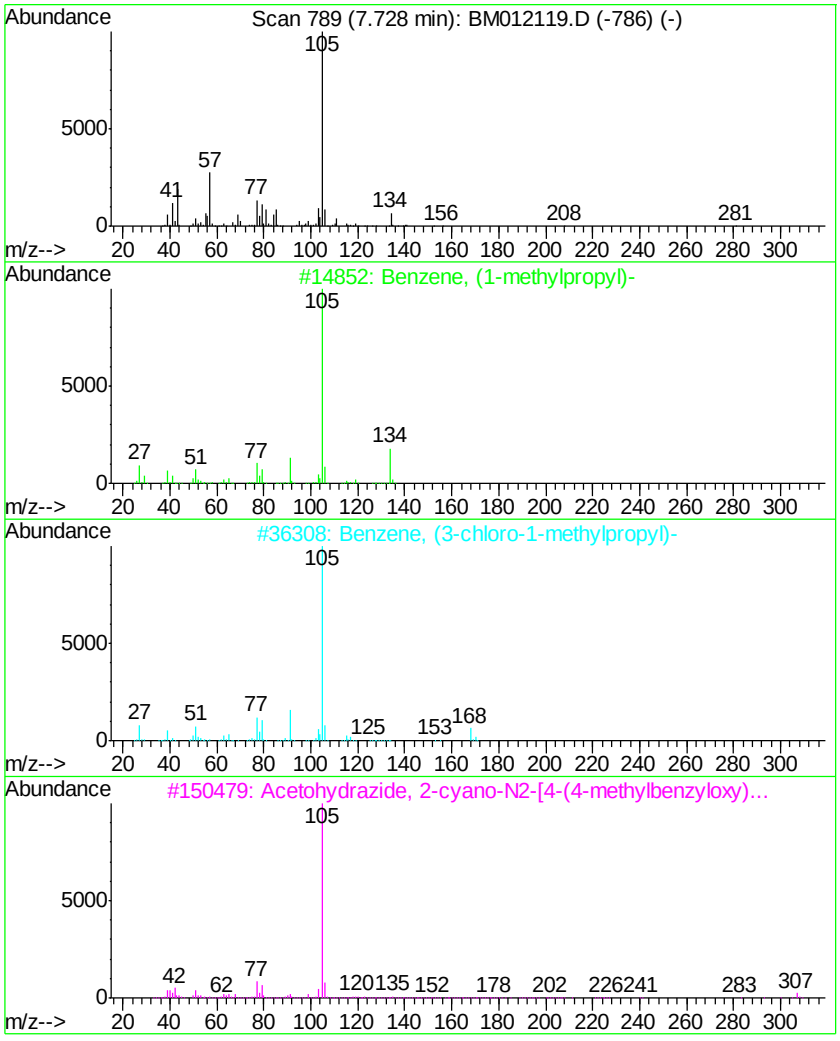
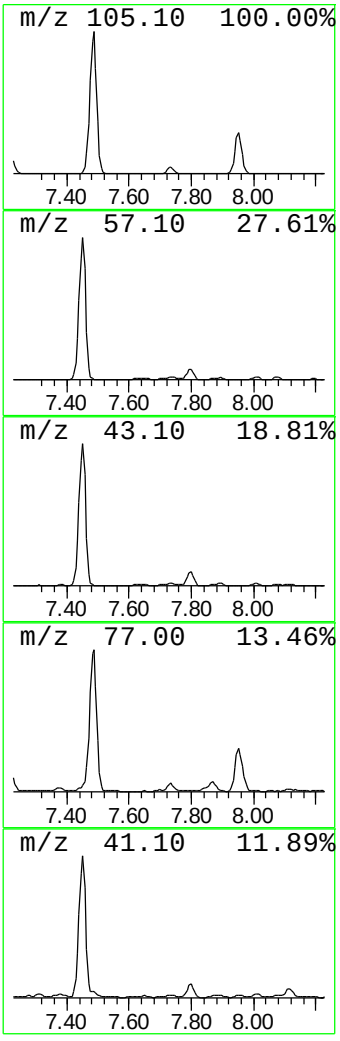
Peak Number 16 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	13.88 ng/ul	1343750	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
2	Benzene, (3-chloro-1-methylpropyl)-	168	C10H13Cl	013556-61-1	38
3	Acetohydrazide, 2-cyano-N2-[4-(4...	307	C18H17N3O2	1000259-83-5	38
4	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	38
5	Benzene, 1-(chloromethyl)-4-methyl-	140	C8H9Cl	000104-82-5	38





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Quant Title : SVOA CALIBRATION

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

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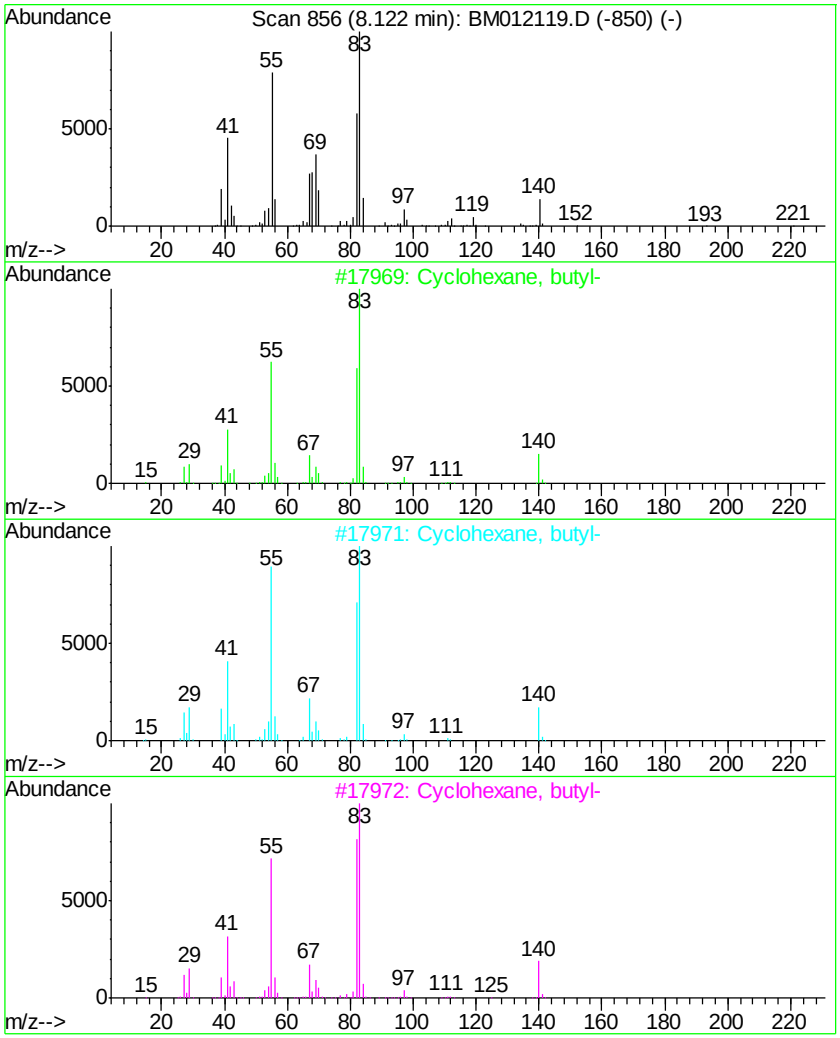
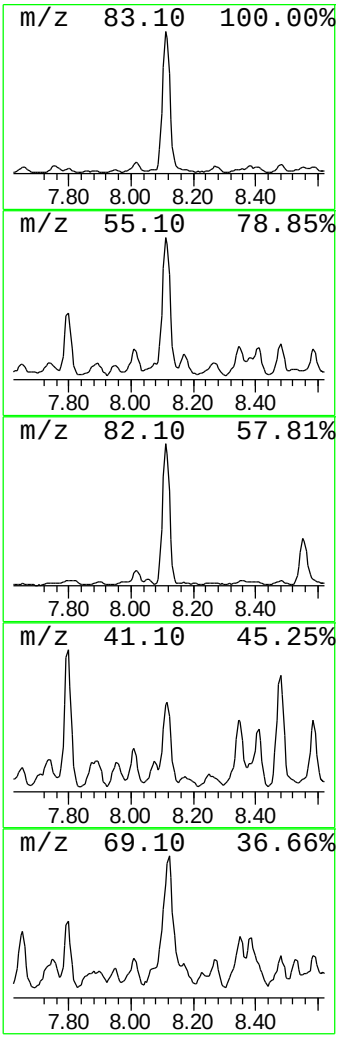
Peak Number 18 (DEL) Alkane: Cyclic8.12 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	24.42 ng/ul	2363790	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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Quant Title : SVOA CALIBRATION

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

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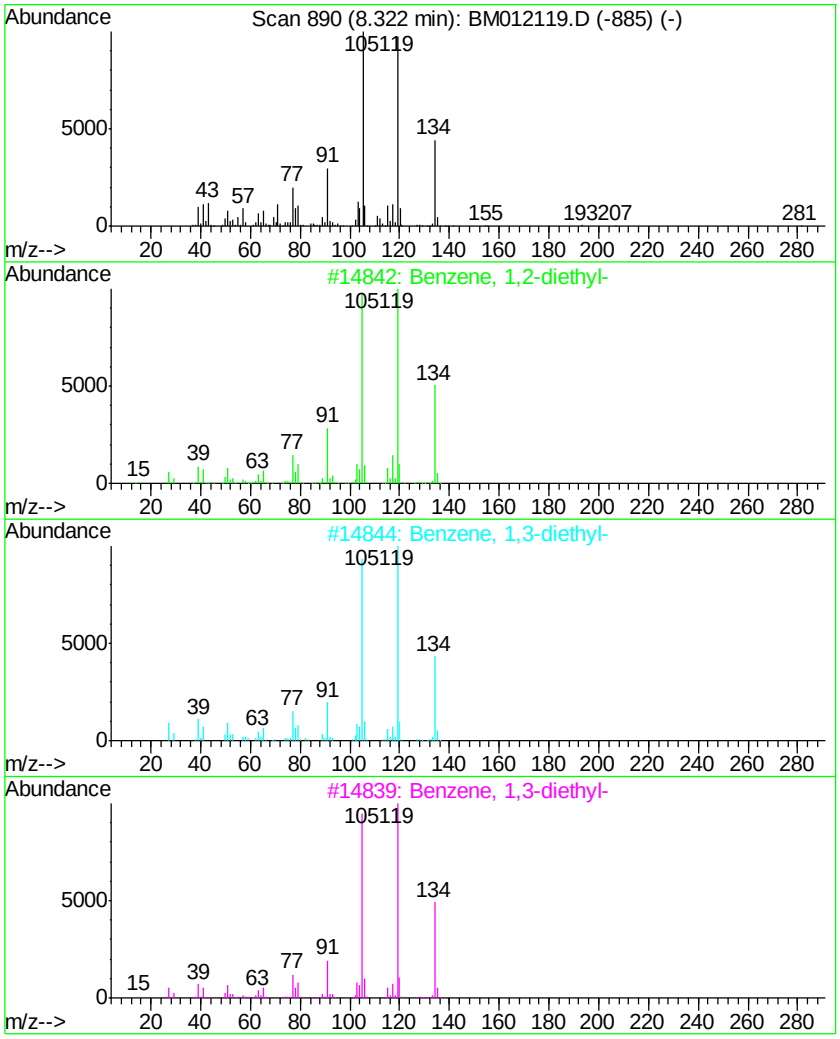
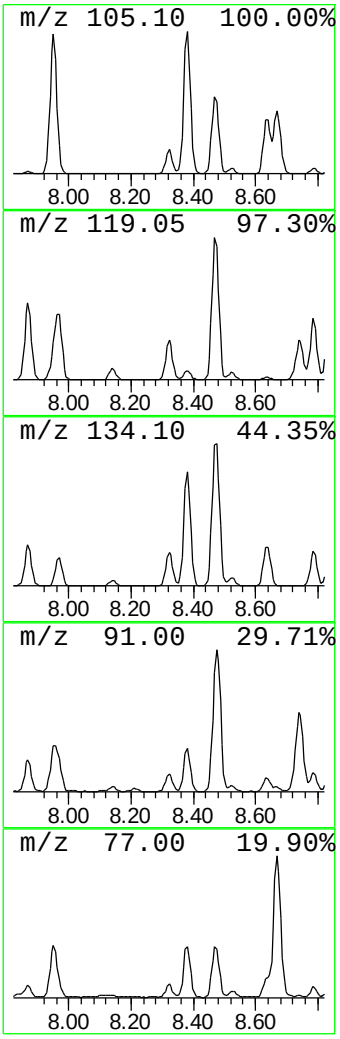
Peak Number 19 Benzene, 1,2-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	14.53 ng/ul	1406480	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94





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

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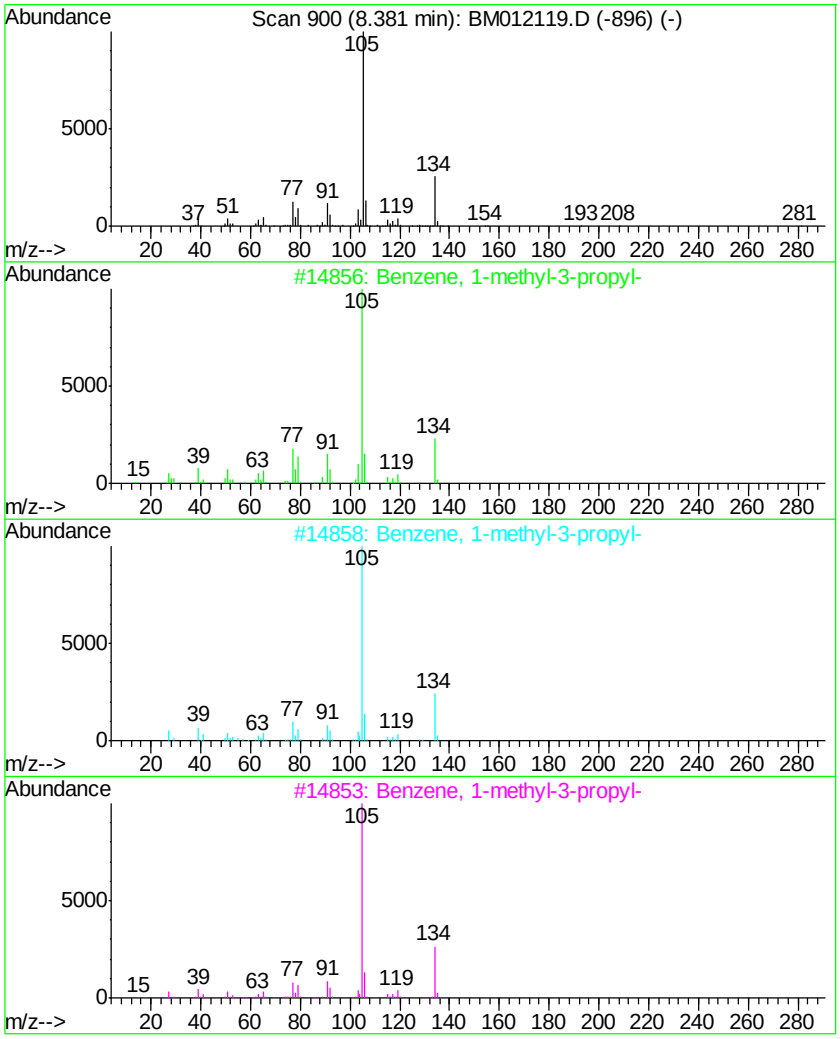
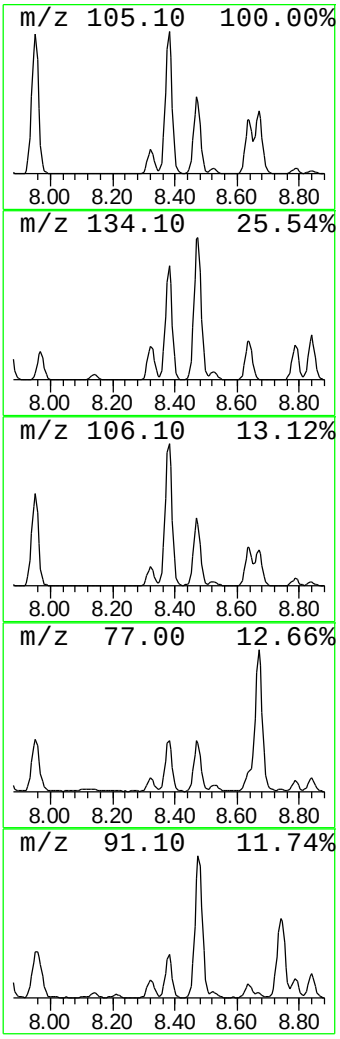
Peak Number 20 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	28.44 ng/ul	2752980	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





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TIC Integration Parameters: LSCINT.P

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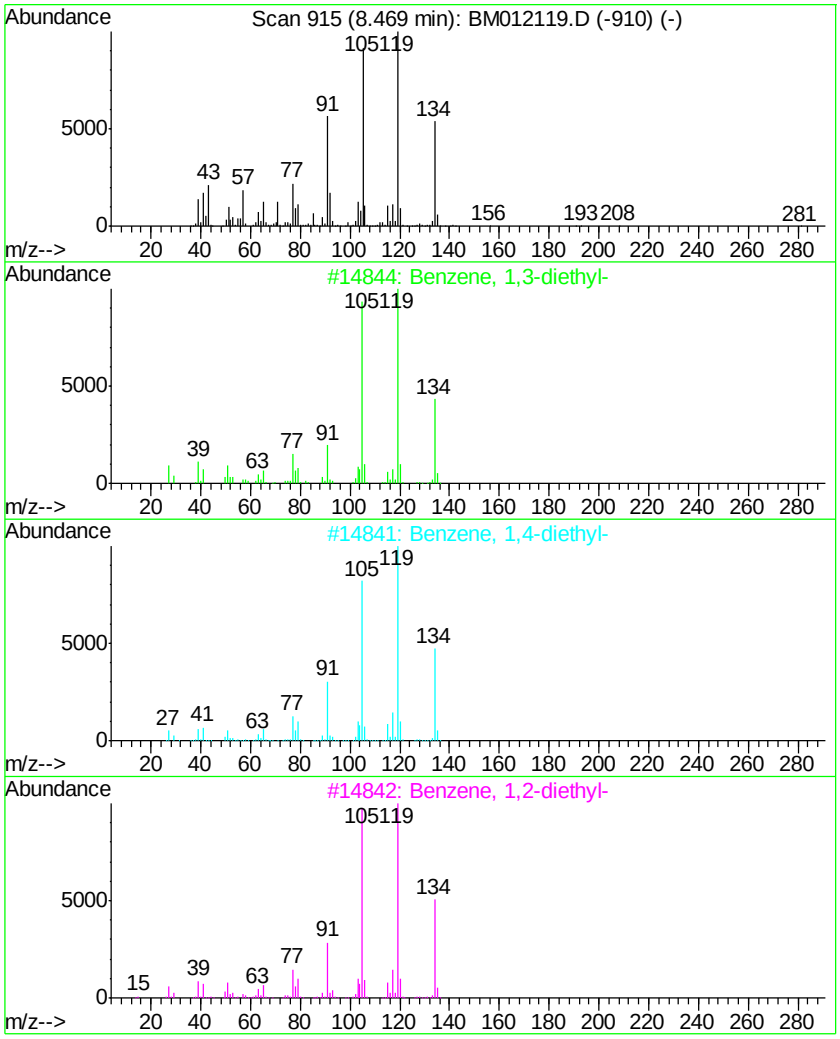
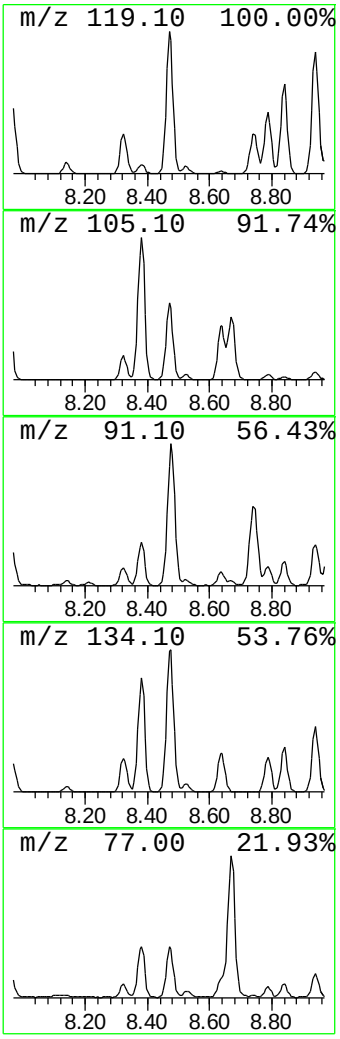
Peak Number 21 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	77.77 ng/ul	7527990	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89





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TIC Library : C:\DATABASE\NIST11.L
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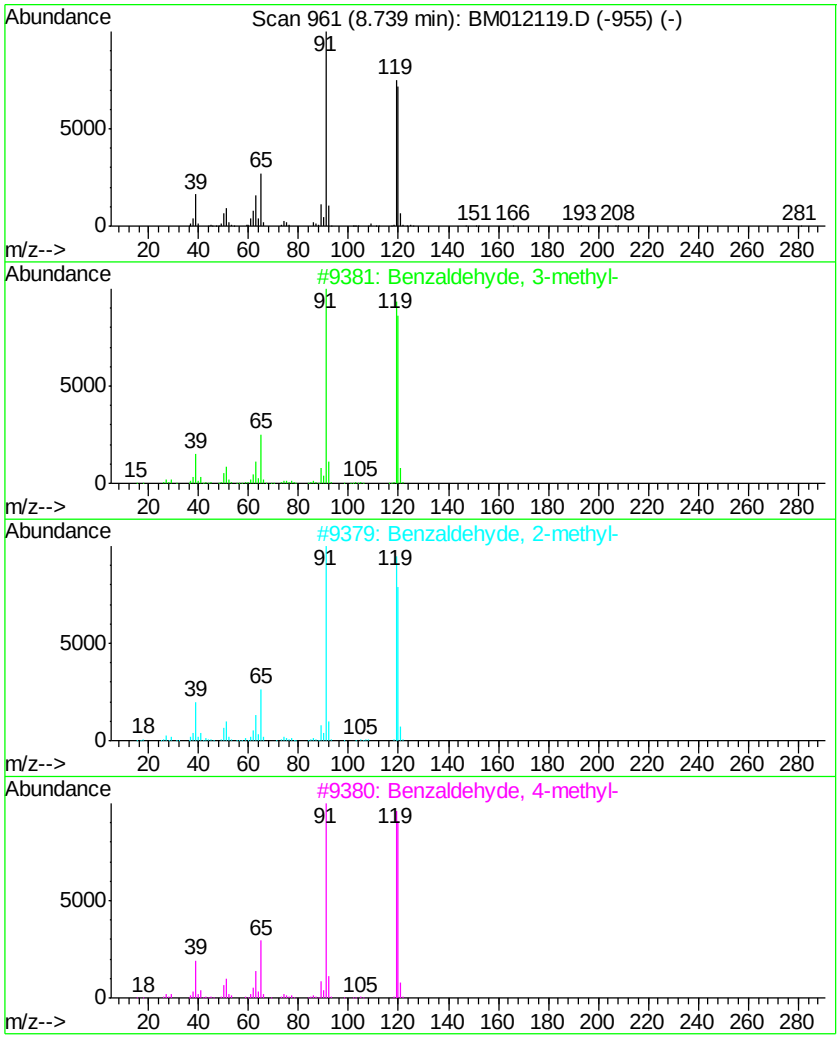
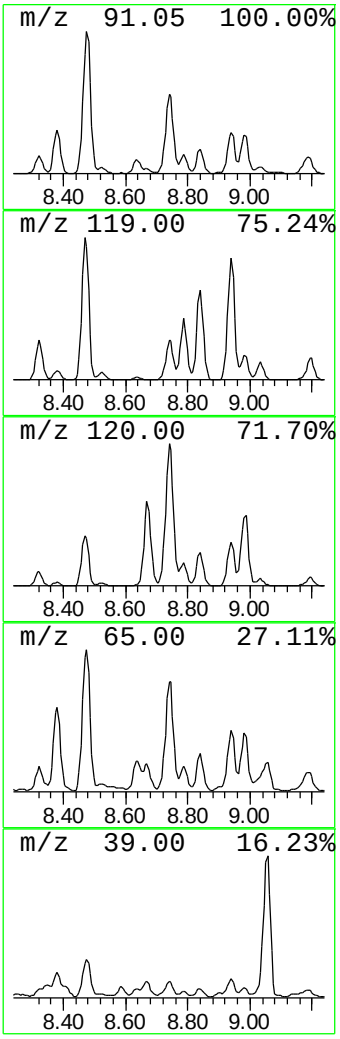
Peak Number 22 Benzaldehyde, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	18.72 ng/ul	1812230	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	97
2	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	97
3	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	97
4	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	96
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	96





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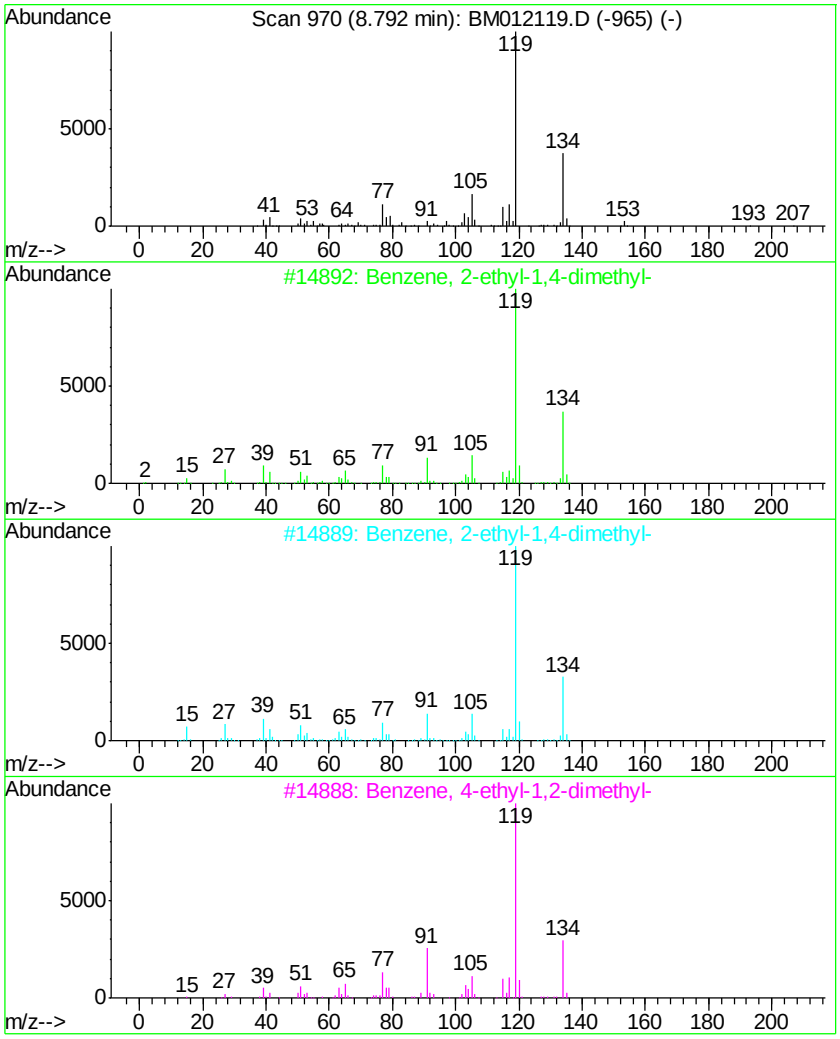
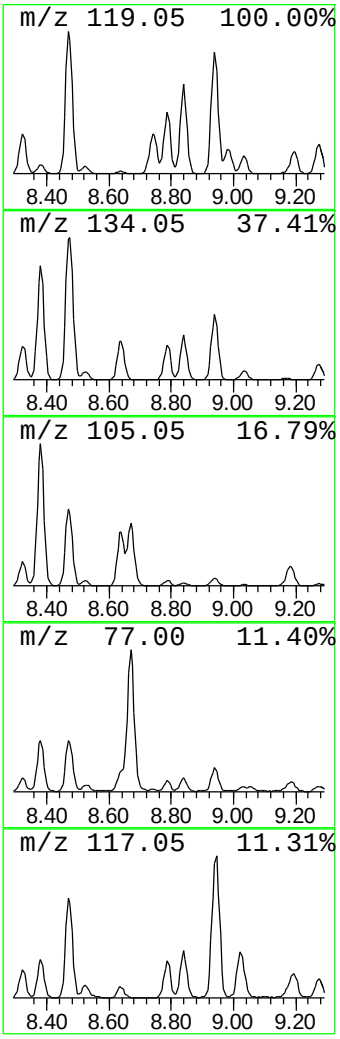
Peak Number 23 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	12.38 ng/ul	1198520	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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

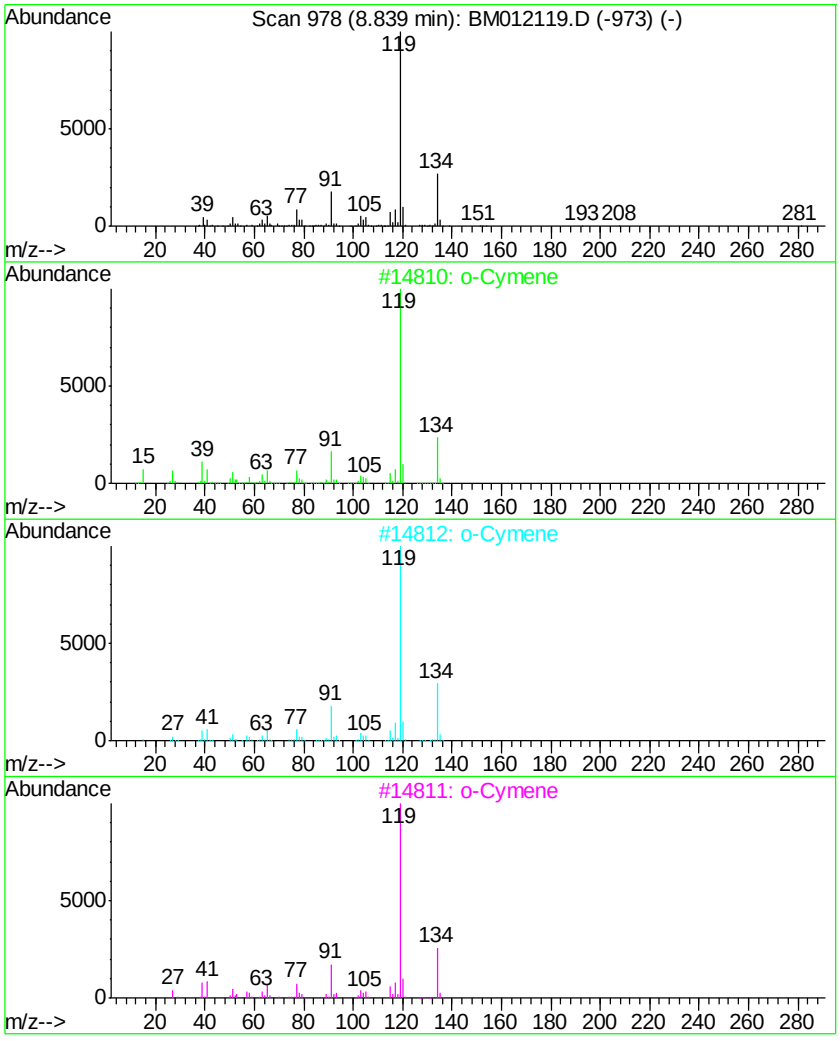
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

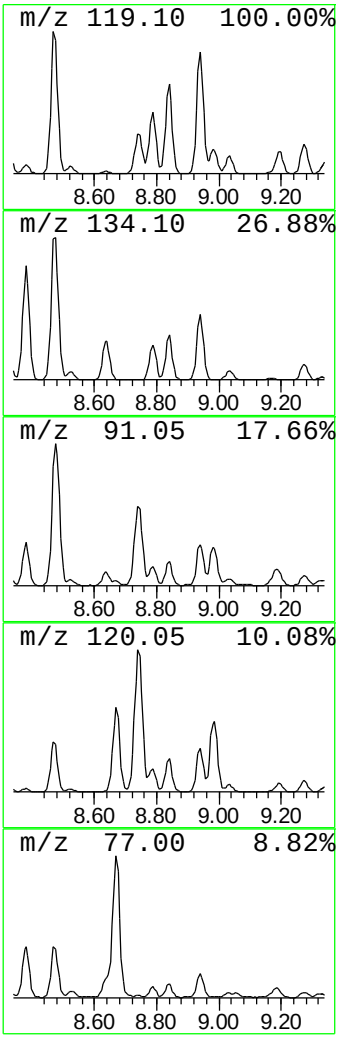
****

Peak Number 24 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	17.24 ng/ul	1668420	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
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Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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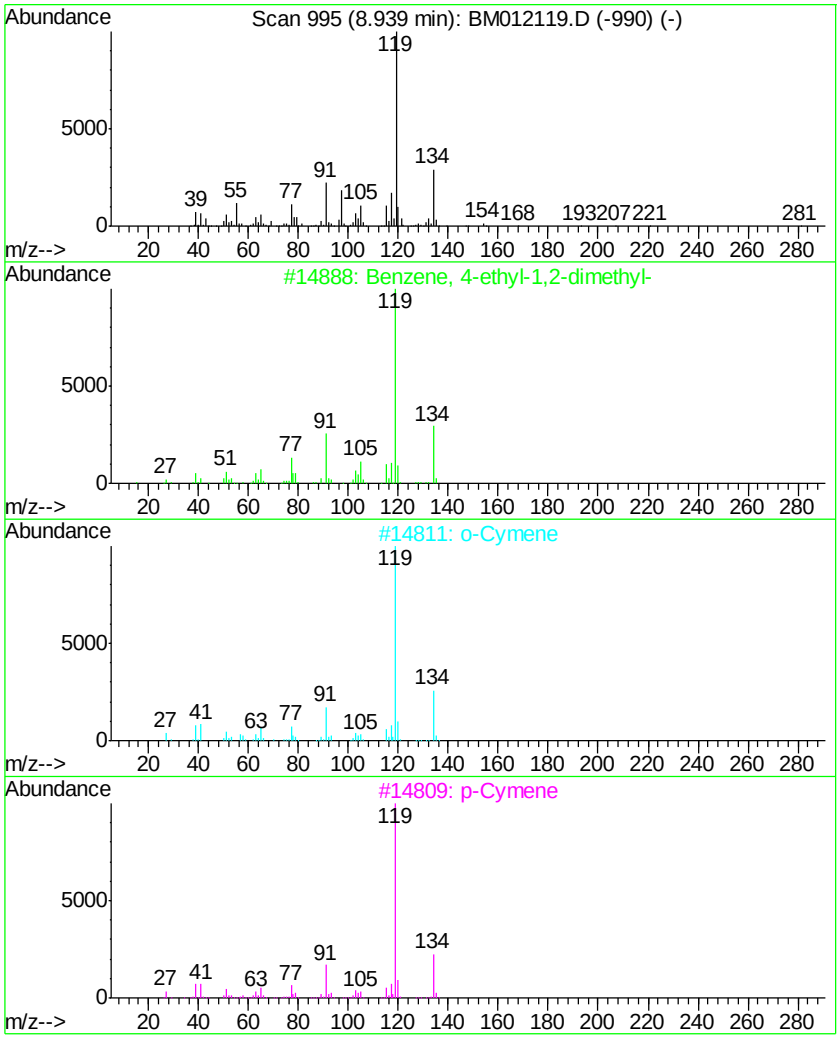
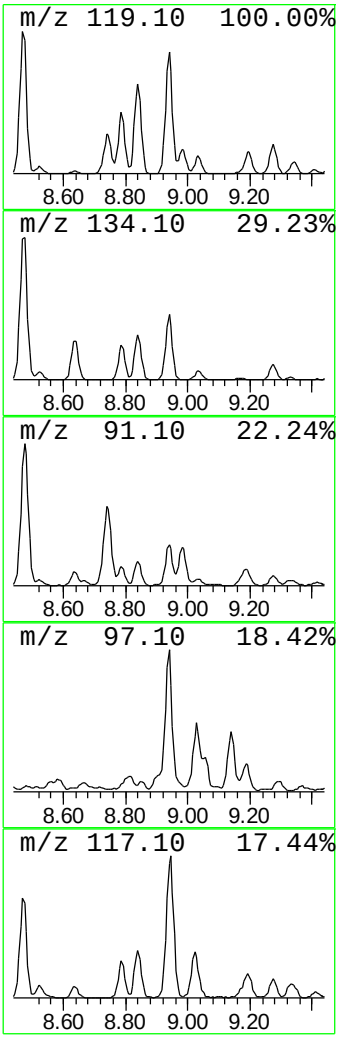
Peak Number 25 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	28.90 ng/ul	2797730	1,4-Dichlorobenzene-d4	7.84

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	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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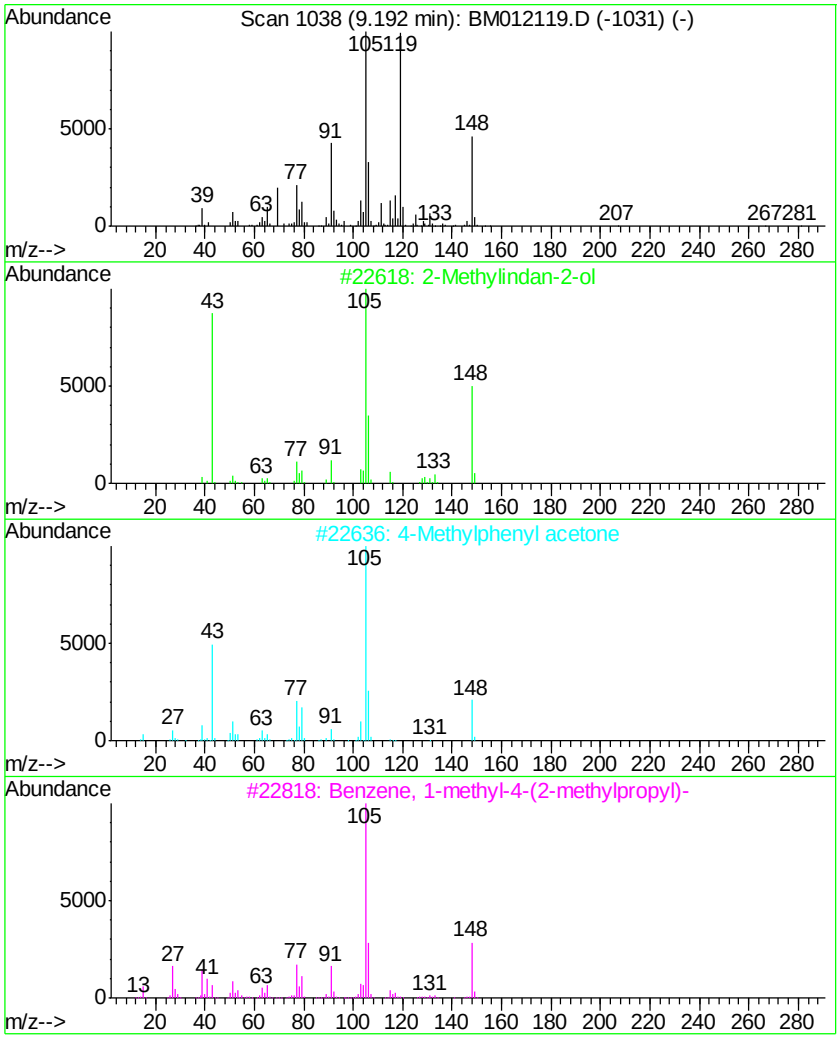
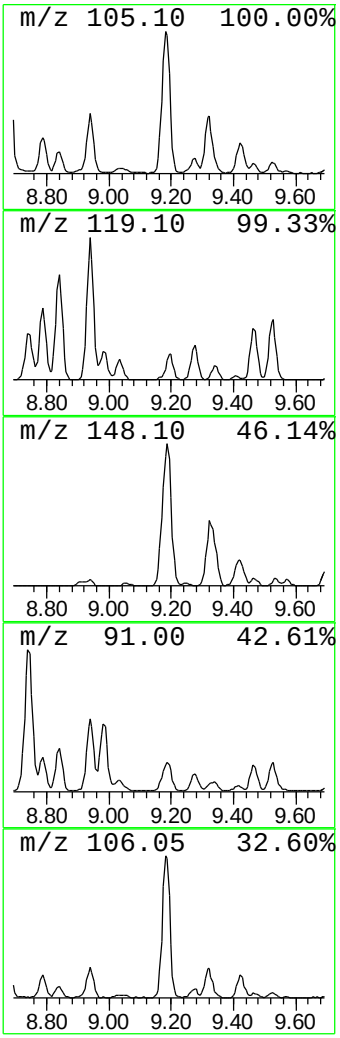
Peak Number 26 2-Methylindan-2-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	18.25 ng/ul	1767030	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	55
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43





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Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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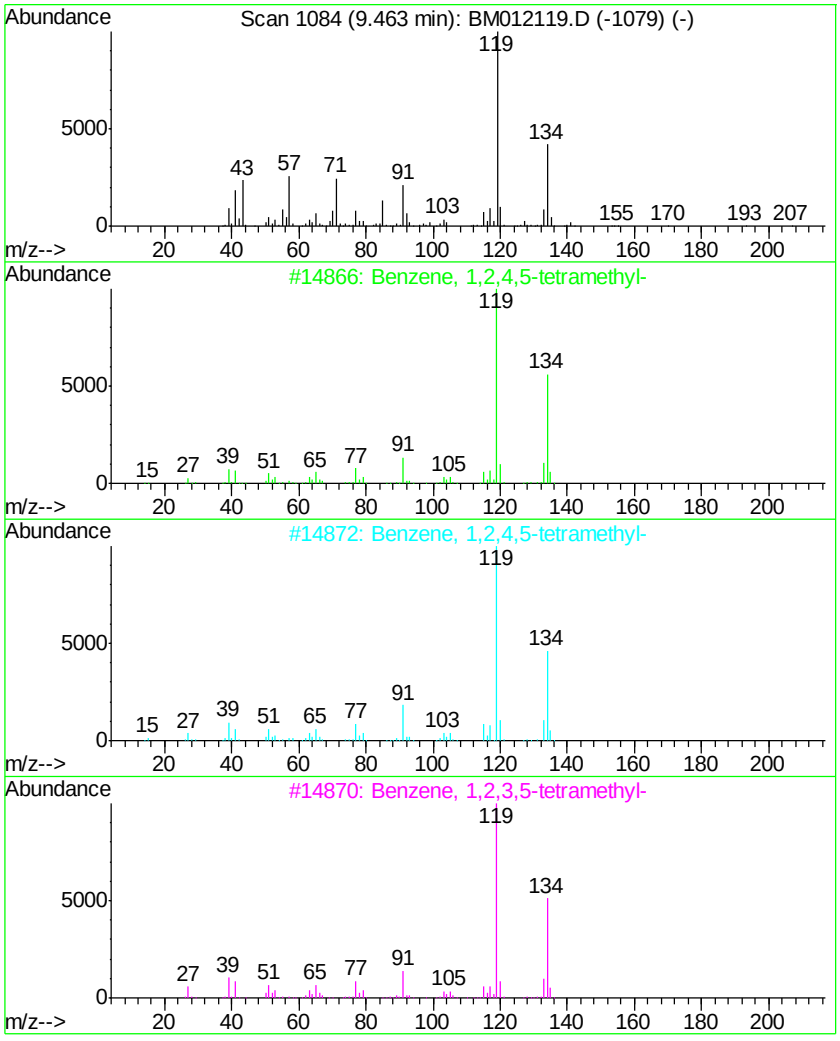
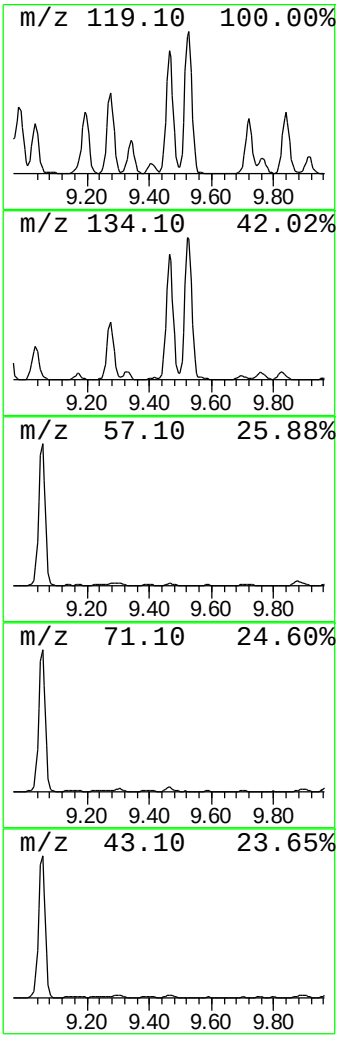
Peak Number 28 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	9.38 ng/ul	1185250	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	p-Cymene	134	C10H14	000099-87-6	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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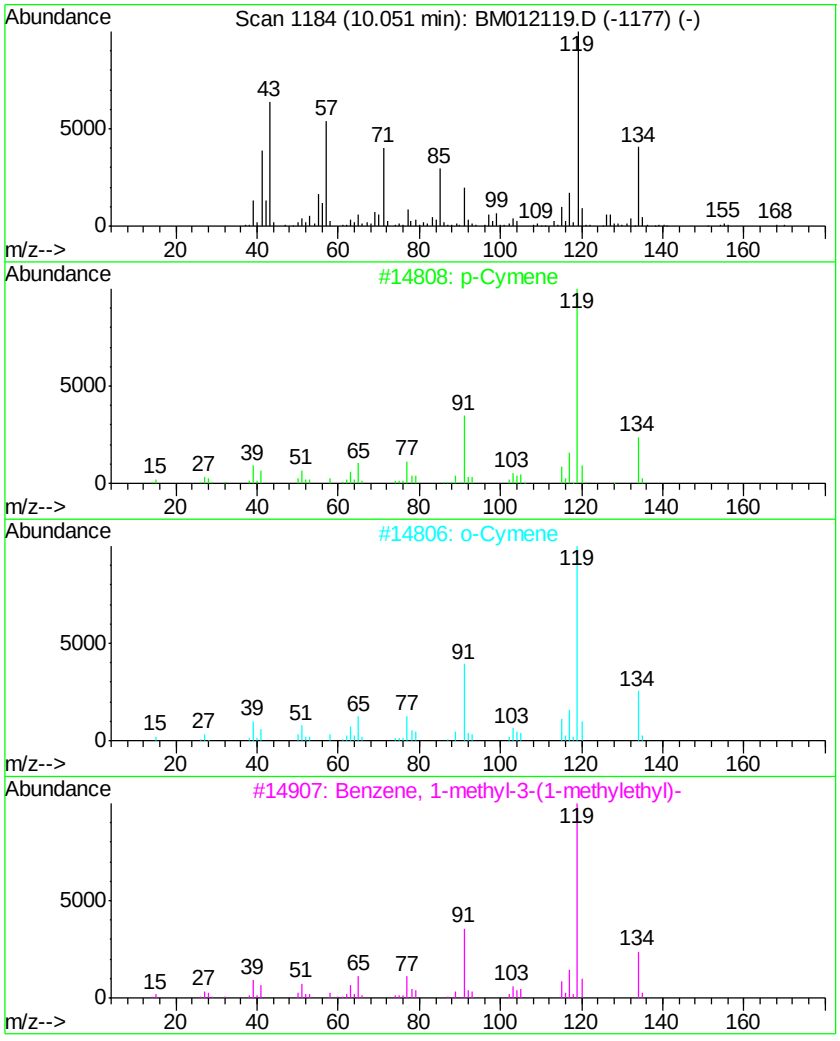
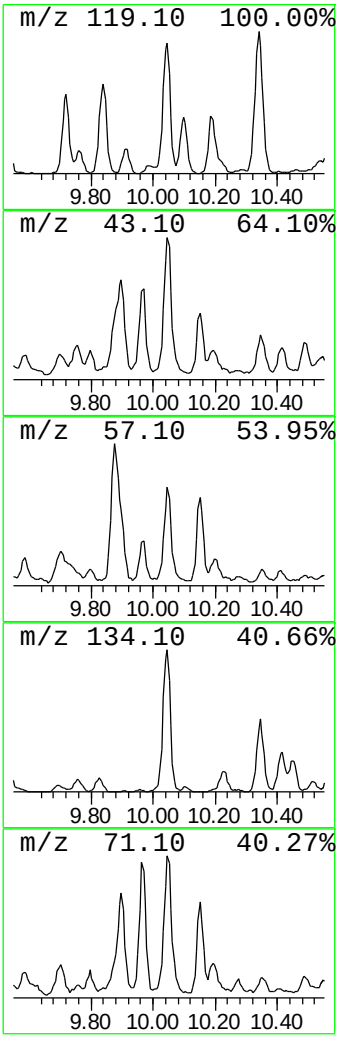
Peak Number 30 p-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	11.13 ng/ul	1405990	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
4	o-Cymene	134	C10H14	000527-84-4	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





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Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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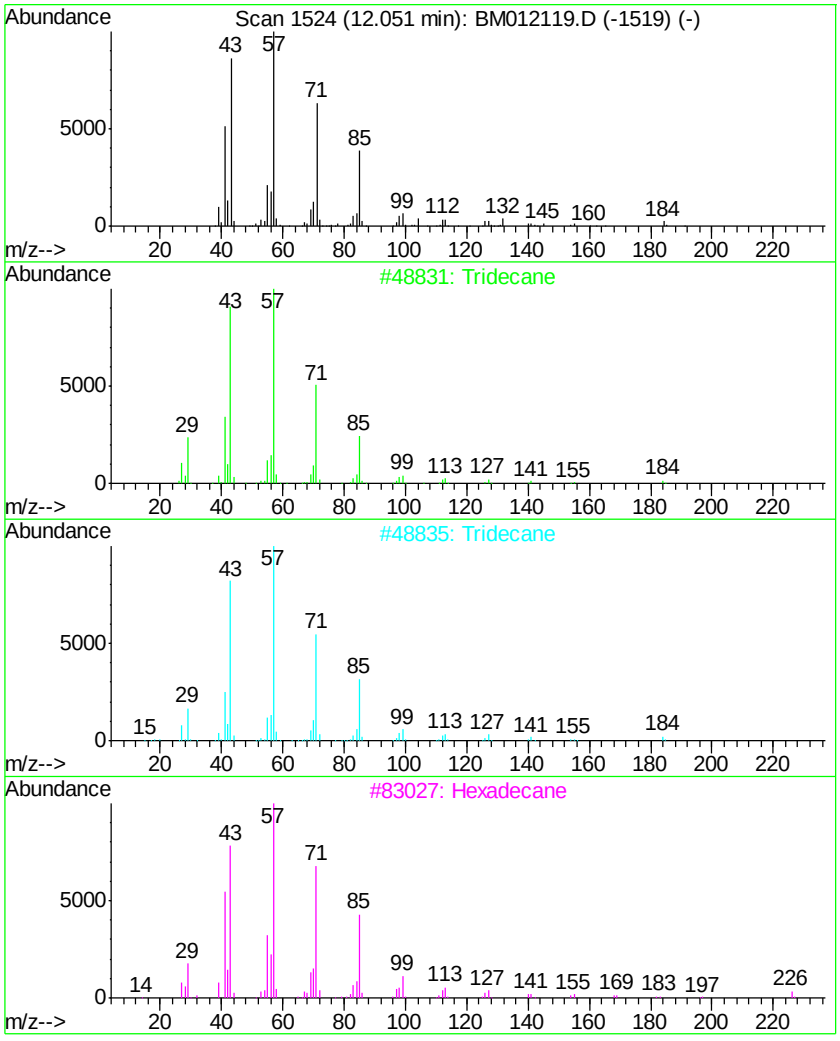
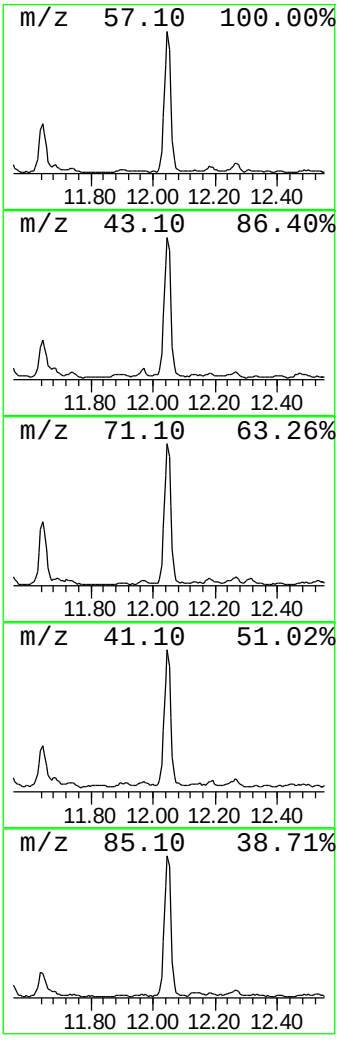
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	10.84 ng/ul	1369620	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	93
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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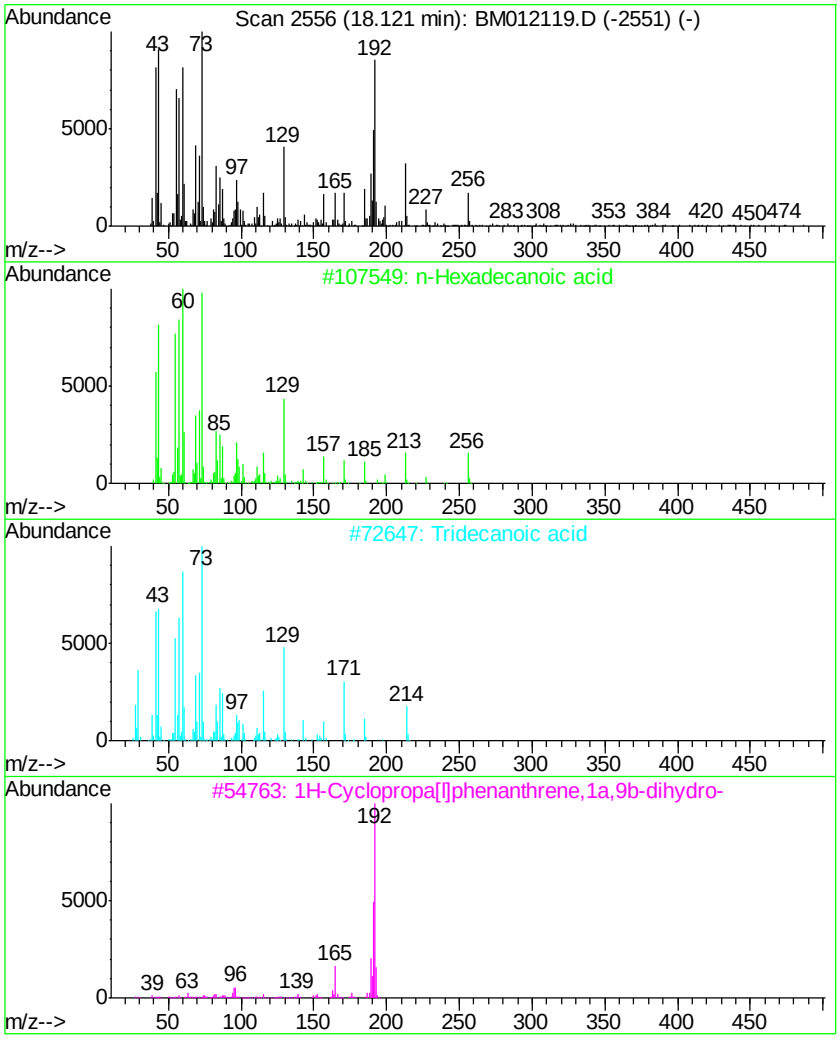
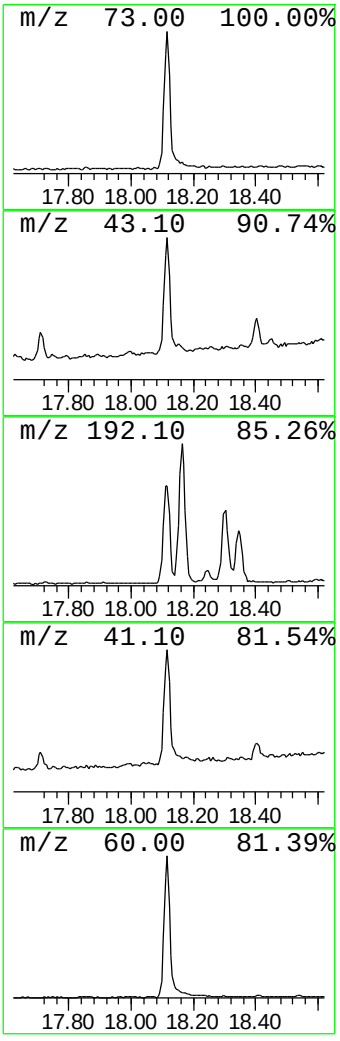
Peak Number 32 n-Hexadecanoic acid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	10.54 ng/ul	1652110	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





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Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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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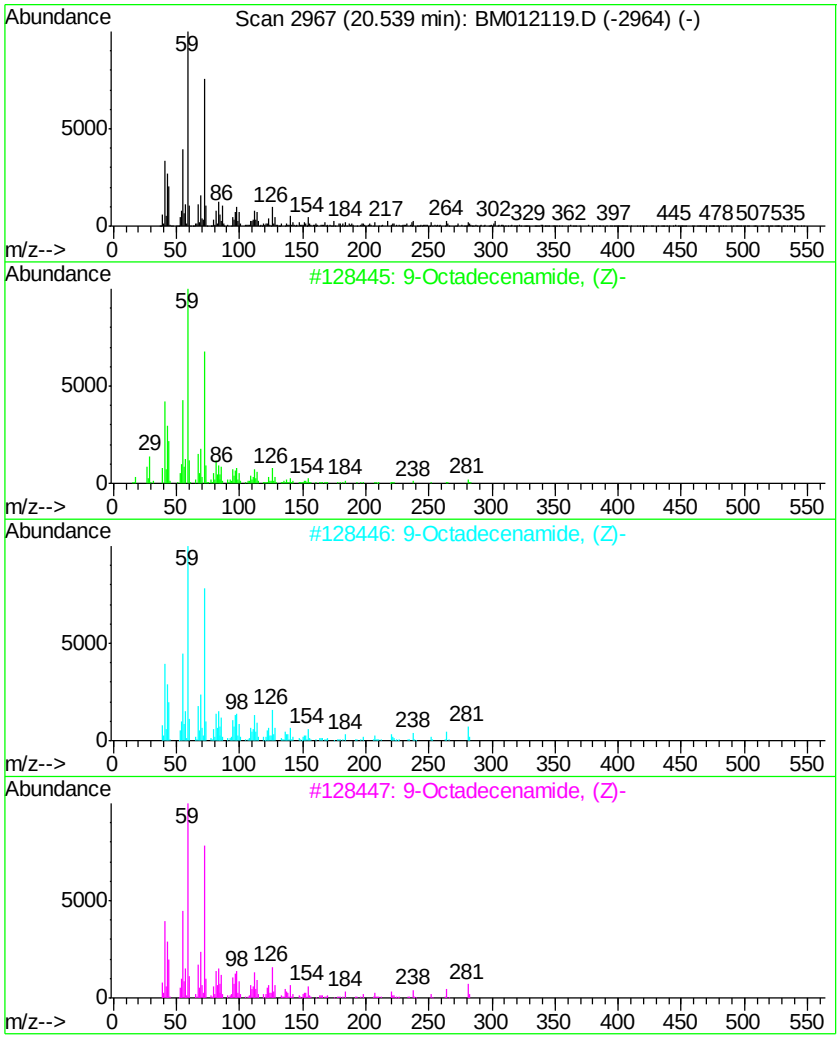
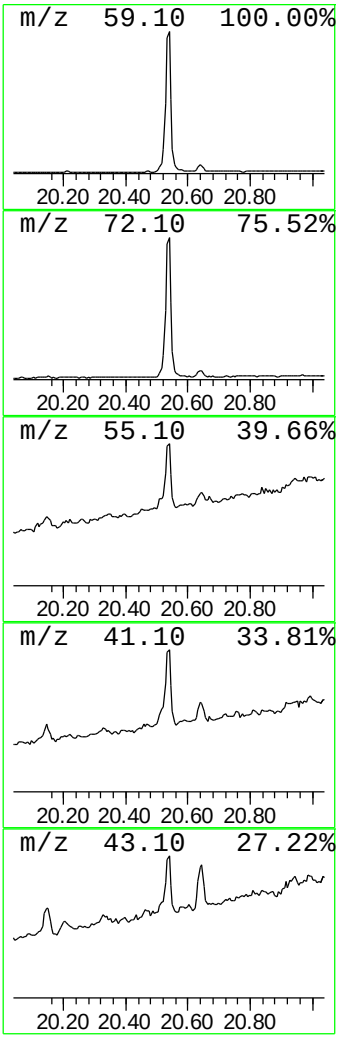
Peak Number 33 9-Octadecenamide, (Z)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	9.92 ng/ul	1891170	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
4	Octanamide	143	C8H17NO	000629-01-6	50
5	Hexadecanamide	255	C16H33NO	000629-54-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012119.D
Acq On : 13 Oct 2017 03:28
Operator : SJ/JU
Sample : I5490-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-58(1-2)-092717

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
Tetrachloroethylene	4.53	16.5	ng/ul	1595830	1	7.84	1935980	20.0
Benzene, 1,3-dime...	5.84	418.1	ng/ul	40468700	1	7.84	1935980	20.0
Benzene, (1-methy...	6.32	48.2	ng/ul	4667200	1	7.84	1935980	20.0
(DEL) Alkane: Str...	6.37	16.3	ng/ul	1573280	1	7.84	1935980	20.0
Cyclohexanone, 2,...	6.46	36.7	ng/ul	3556250	1	7.84	1935980	20.0
(DEL) Alkane: Str...	6.72	11.4	ng/ul	1104470	1	7.84	1935980	20.0
Benzene, propyl-	6.81	58.0	ng/ul	5616310	1	7.84	1935980	20.0
(DEL) Alkane: Str...	6.87	22.7	ng/ul	2197570	1	7.84	1935980	20.0
Benzene, 1-ethyl-...	6.92	89.7	ng/ul	8679800	1	7.84	1935980	20.0
(DEL) Alkane: Cyc...	7.31	14.7	ng/ul	1421370	1	7.84	1935980	20.0
(DEL) Alkane: Str...	7.45	327.9	ng/ul	31737600	1	7.84	1935980	20.0
Benzene, 1,2,3-tr...	7.49	146.4	ng/ul	14167000	1	7.84	1935980	20.0
unknown-01	7.73	13.9	ng/ul	1343750	1	7.84	1935980	20.0
(DEL) Alkane: Cyc...	8.12	24.4	ng/ul	2363790	1	7.84	1935980	20.0
Benzene, 1,2-diet...	8.32	14.5	ng/ul	1406480	1	7.84	1935980	20.0
Benzene, 1-methyl...	8.38	28.4	ng/ul	2752980	1	7.84	1935980	20.0
Benzene, 1,3-diet...	8.47	77.8	ng/ul	7527990	1	7.84	1935980	20.0
Benzaldehyde, 3-m...	8.74	18.7	ng/ul	1812230	1	7.84	1935980	20.0
Benzene, 2-ethyl-...	8.79	12.4	ng/ul	1198520	1	7.84	1935980	20.0
o-Cymene	8.84	17.2	ng/ul	1668420	1	7.84	1935980	20.0
Benzene, 4-ethyl-...	8.94	28.9	ng/ul	2797730	1	7.84	1935980	20.0
2-Methylindan-2-ol	9.19	18.3	ng/ul	1767030	1	7.84	1935980	20.0
Benzene, 1,2,4,5-...	9.46	9.4	ng/ul	1185250	2	10.65	2526620	20.0
p-Cymene	10.05	11.1	ng/ul	1405990	2	10.65	2526620	20.0
(DEL) Alkane: Str...	12.05	10.8	ng/ul	1369620	2	10.65	2526620	20.0
n-Hexadecanoic acid	18.12	10.5	ng/ul	1652110	4	17.24	3136360	20.0
9-Octadecenamide,...	20.54	9.9	ng/ul	1891170	5	21.42	3813880	20.0