LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

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-BM110417MA.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	3.557	76	80	88	rVB	185874	283870	1.85%	0.379%
2	4.034	153	161	172	rBV	1749707	2449706	15.95%	3.268%
3	5.340	377	383	391	rVV	3098384	4421408	28.79%	5.897%
4	5.475	399	406	423	rVB	7620547	15357874	100.00%	20.485%
5	5.840	461	468	478	rVB	1453910	2135662	13.91%	2.849%
6	6.310	542	548	555	rBV	128531	219198	1.43%	0.292%
7	6.798	622	631	637	rBV2	134662	248422	1.62%	0.331%
8	6.904	645	649	654	rVV	256305	379265	2.47%	0.506%
9	6.969	654	660	661	rVV	194175	288732	1.88%	0.385%
10	6.998	661	665	669	rVV	524054	906606	5.90%	1.209%
11	7.039	669	672	678	rVB2	246915	387011	2.52%	0.516%
12	7.151	684	691	696	rBV	399850	605006	3.94%	0.807%
13	7.357	720	726	734	rVB	538001	903636	5.88%	1.205%
14	7.439	734	740	742	rBV	389044	582715	3.79%	0.777%
15	7.463	742	744	752	rVB	327404	424085	2.76%	0.566%
16	7.816	794	804	814	rBV2	497097	958388	6.24%	1.278%
17	7.928	819	823	831	rBV2	125802	231395	1.51%	0.309%
18	8.357	890	896	901	rVB2	114768	200929	1.31%	0.268%
19	8.451	907	912	919	rBV2	180147	320619	2.09%	0.428%
20	8.534	919	926	931	rBV	624282	995239	6.48%	1.327%
21	8.639	936	944	949	rVV2	101045	225823	1.47%	0.301%
22	8.916	981	991	995	rBV	135601	266189	1.73%	0.355%
23	8.975	995	1001	1007	rVV	500672	887344	5.78%	1.184%
24	9.039	1007	1012	1017	rVB	308535	460552	3.00%	0.614%
25	9.163	1021	1033	1039	rBV5	62501	171251	1.12%	0.228%
26	9.692	1115	1123	1135	rBV	426069	779322	5.07%	1.039%
27	10.239	1210	1216	1223	rVB	743826	1235673	8.05%	1.648%
28	10.610	1269	1279	1284	rBV	682347	1277285	8.32%	1.704%
29	10.657	1284	1287	1293	rVB	138018	214686	1.40%	0.286%
30	10.745	1295	1302	1313	rBV	370344	728217	4.74%	0.971%
31	12.969	1675	1680	1688	rVB3	86968	185022	1.20%	0.247%
32	13.863	1827	1832	1836	rVV	1288873	1838404	11.97%	2.452%
33	13.910	1836	1840	1849	rVB	817827	1144619	7.45%	1.527%
34	14.151	1874	1881	1893	rVB	1587330	2371614	15.44%	3.163%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

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-BM110417MA.M
Title : SVOA CALIBRATION

35	14.457	1923	1933	1939	rBV2	1104519	1774270	11.55%	2.367%
36	14.680	1963	1971	1979	rBV	478410	773957	5.04%	1.032%
37	14.857	1997	2001	2008	rVB	111946	207492	1.35%	0.277%
38	15.451	2095	2102	2108	rBV	2047652	2866169	18.66%	3.823%
39	15.527	2112	2115	2122	rVB3	167629	257250	1.68%	0.343%
40	15.815	2156	2164	2169	rVB2	491825	753113	4.90%	1.005%
41	16.168	2219	2224	2232	rBV4	137368	337228	2.20%	0.450%
42	16.862	2337	2342	2348	rBV3	96697	172911	1.13%	0.231%
43	16.956	2352	2358	2360	rBV2	109600	178867	1.16%	0.239%
44	17.204	2394	2400	2404	rBV	1394686	1974285	12.86%	2.633%
45	17.245	2404	2407	2411	rVB	585451	712509	4.64%	0.950%
46	17.304	2411	2417	2422	rBV	2074789	2893908	18.84%	3.860%
47	17.980	2527	2532	2538	rBV6	139855	327782	2.13%	0.437%
48	18.103	2545	2553	2561	rBV2	1273315	2336677	15.21%	3.117%
49	18.262	2576	2580	2585	rBV2	189952	311327	2.03%	0.415%
50	18.574	2630	2633	2638	rBV2	128151	183793	1.20%	0.245%
51	18.998	2700	2705	2711	rBV2	231091	467513	3.04%	0.624%
52	19.262	2745	2750	2755	rBV	1352865	1862331	12.13%	2.484%
53	19.315	2756	2759	2763	rVB2	205297	277335	1.81%	0.370%
54	19.380	2765	2770	2779	rBV	823329	1176013	7.66%	1.569%
55	19.597	2802	2807	2810	rBV	2264269	3219105	20.96%	4.294%
56	19.627	2810	2812	2820	rVV	829416	1035691	6.74%	1.381%
57	19.697	2821	2824	2830	rVB	133753	201043	1.31%	0.268%
58	20.515	2960	2963	2968	rVB2	334369	387828	2.53%	0.517%
59	21.386	3105	3111	3114	rBV2	1549195	2566559	16.71%	3.423%
60	23.538	3472	3477	3481	rBV2	1323717	2197448	14.31%	2.931%
61	23.680	3497	3501	3507	rVB	871282	1433674	9.34%	1.912%

Sum of corrected areas: 74971845

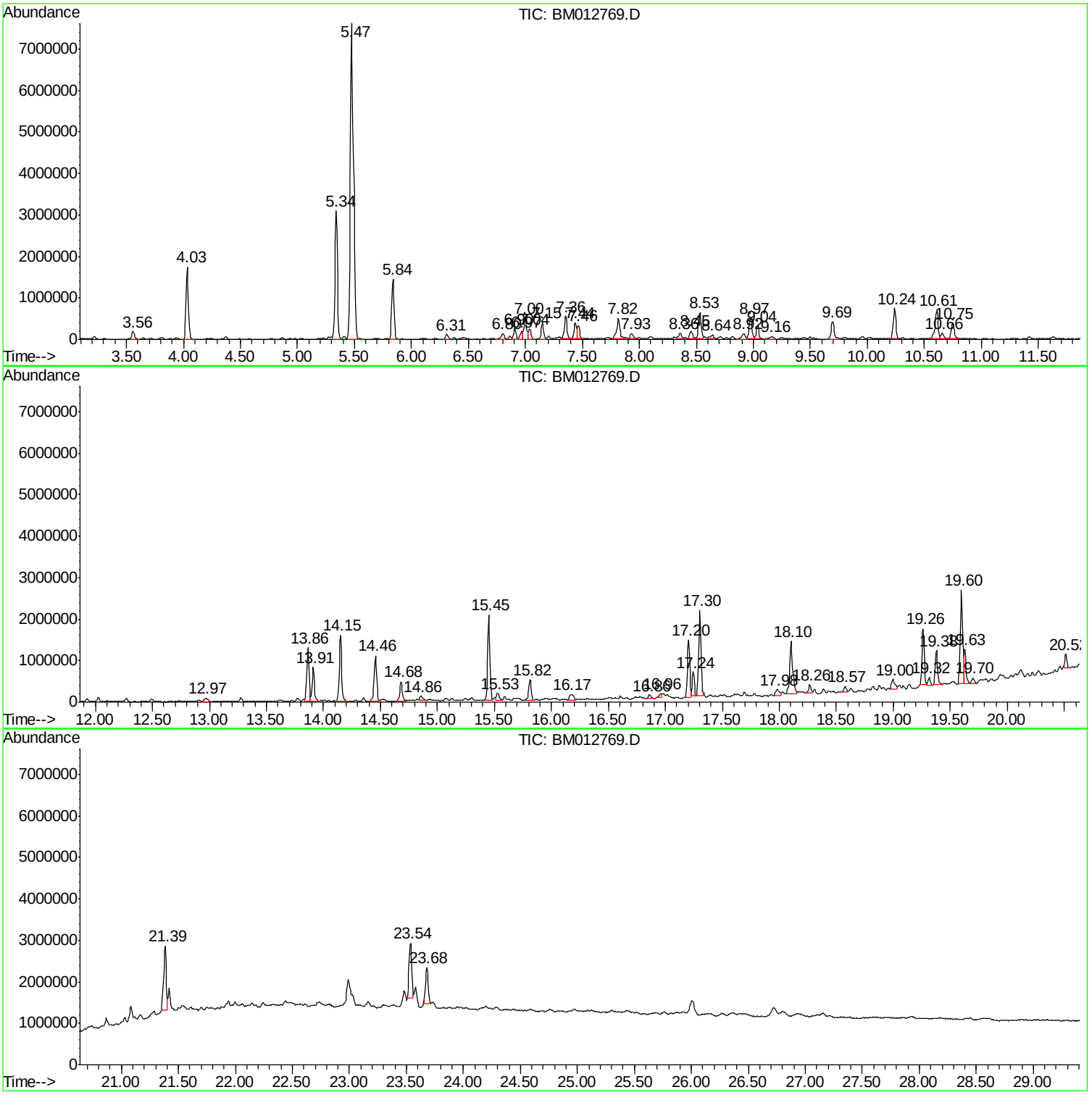
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

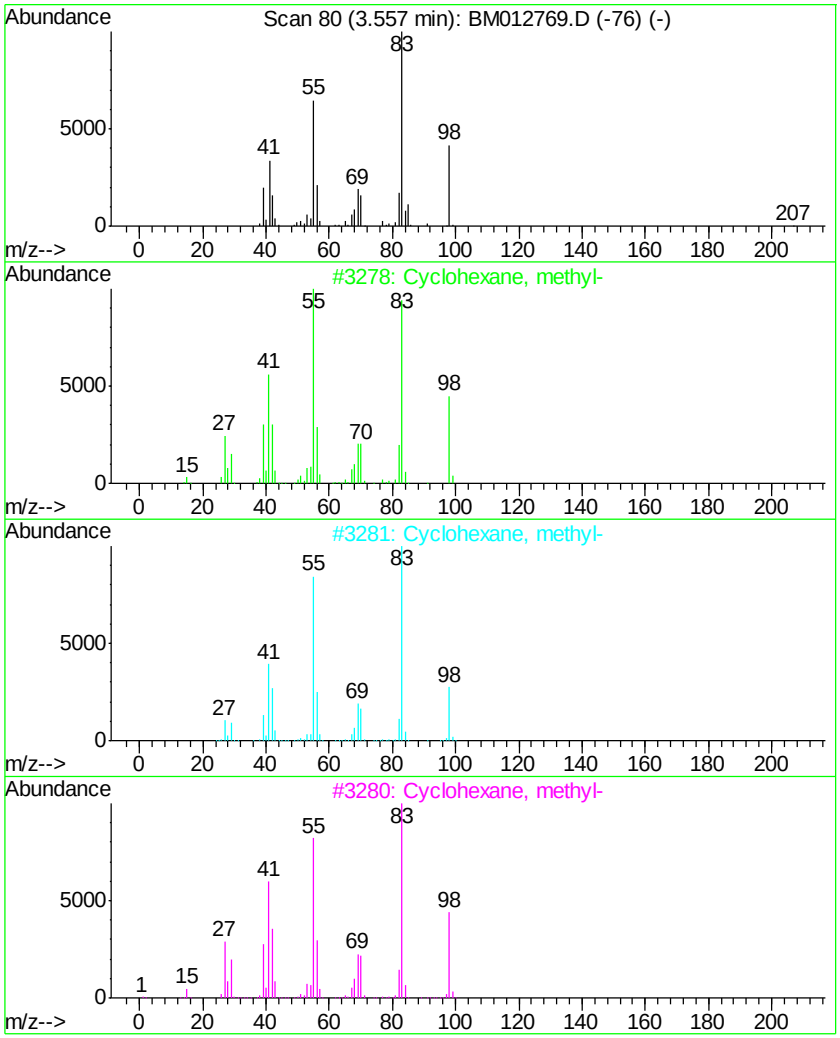
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

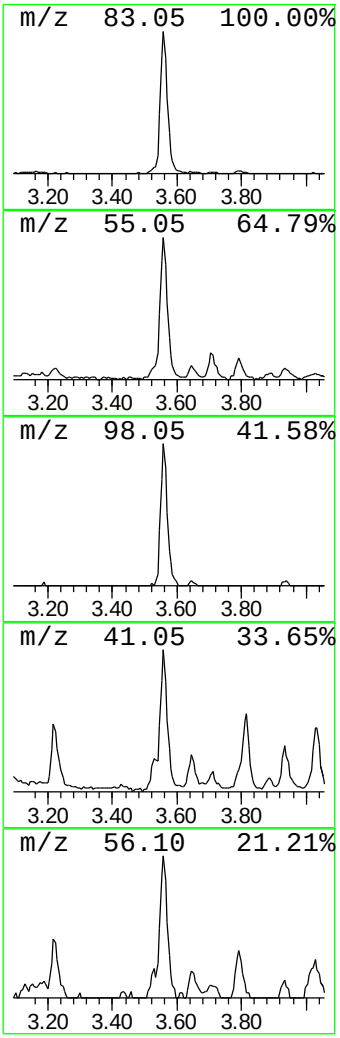
****

Peak Number 1 (DEL) Alkane: Cyclic3.56 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	5.92 ng/ul	283870	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	87
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	86
5	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

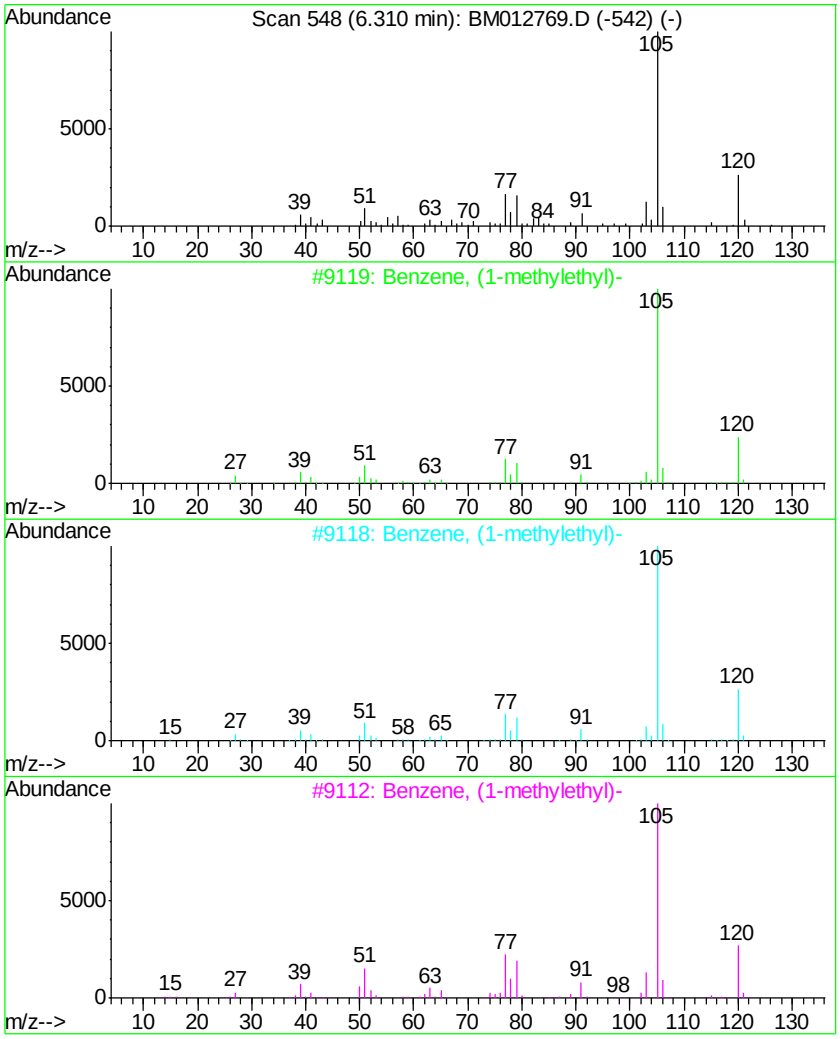
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

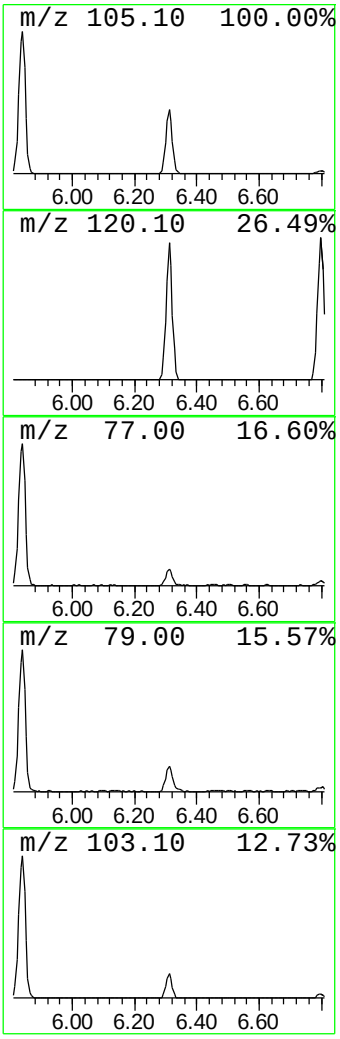
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	4.57 ng/ul	219198	1,4-Dichlorobenzene-d4	7.82

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	87
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

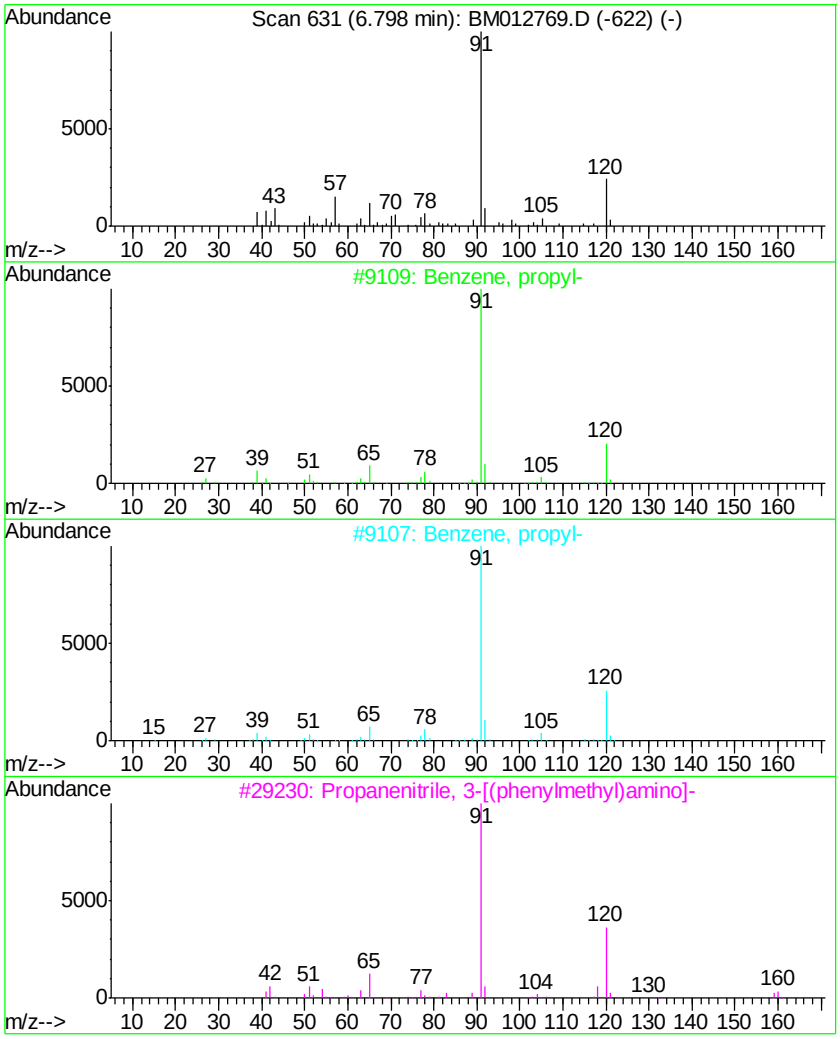
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

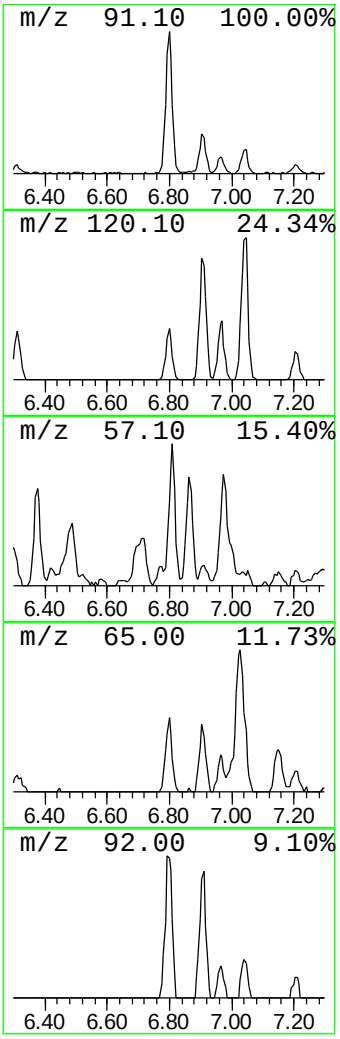
****

Peak Number 7 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.18 ng/ul	248422	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	74
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	53
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

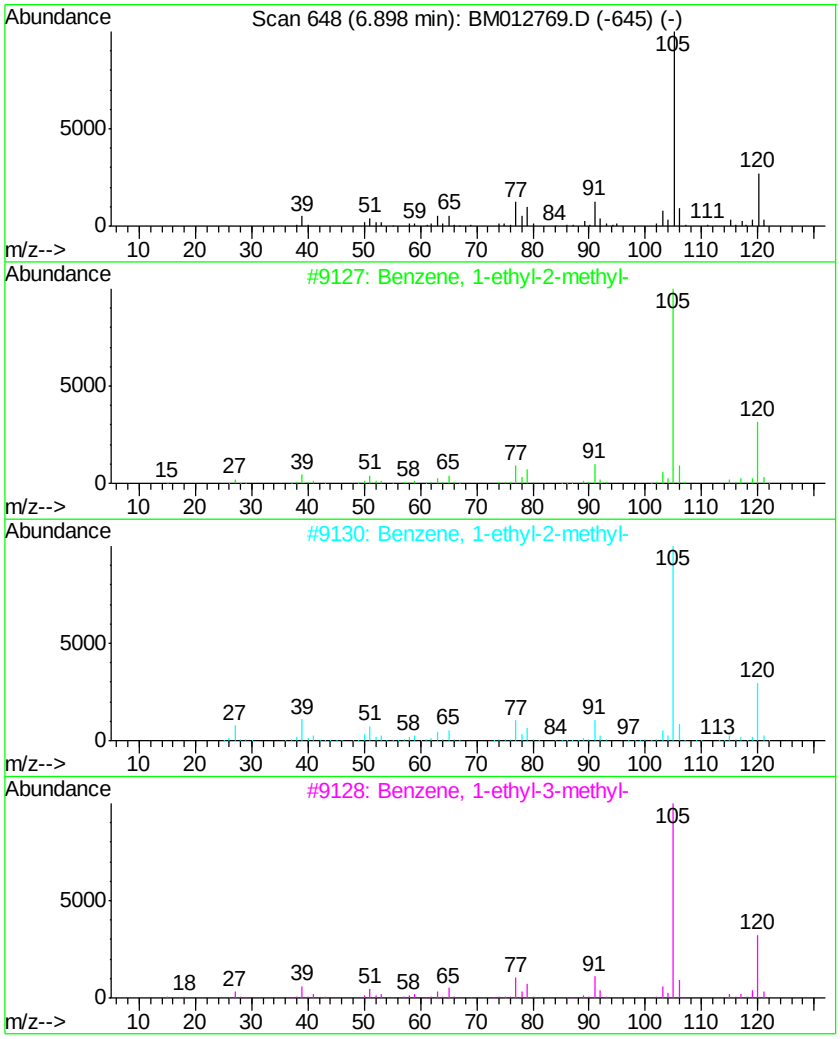
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

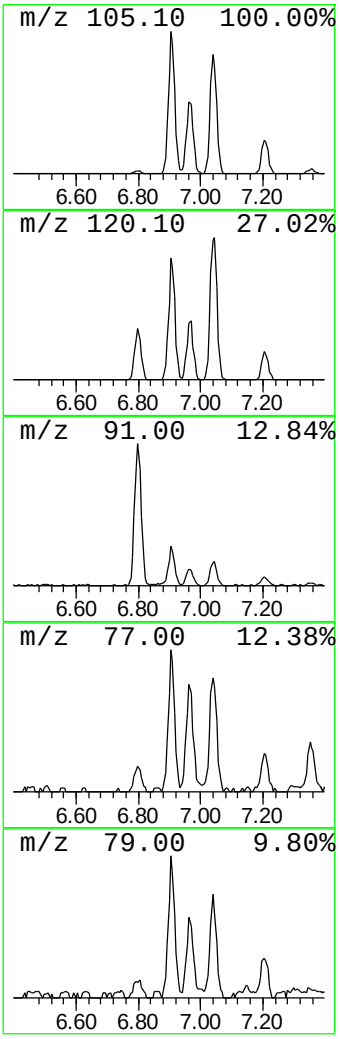
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	7.91 ng/ul	379265	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

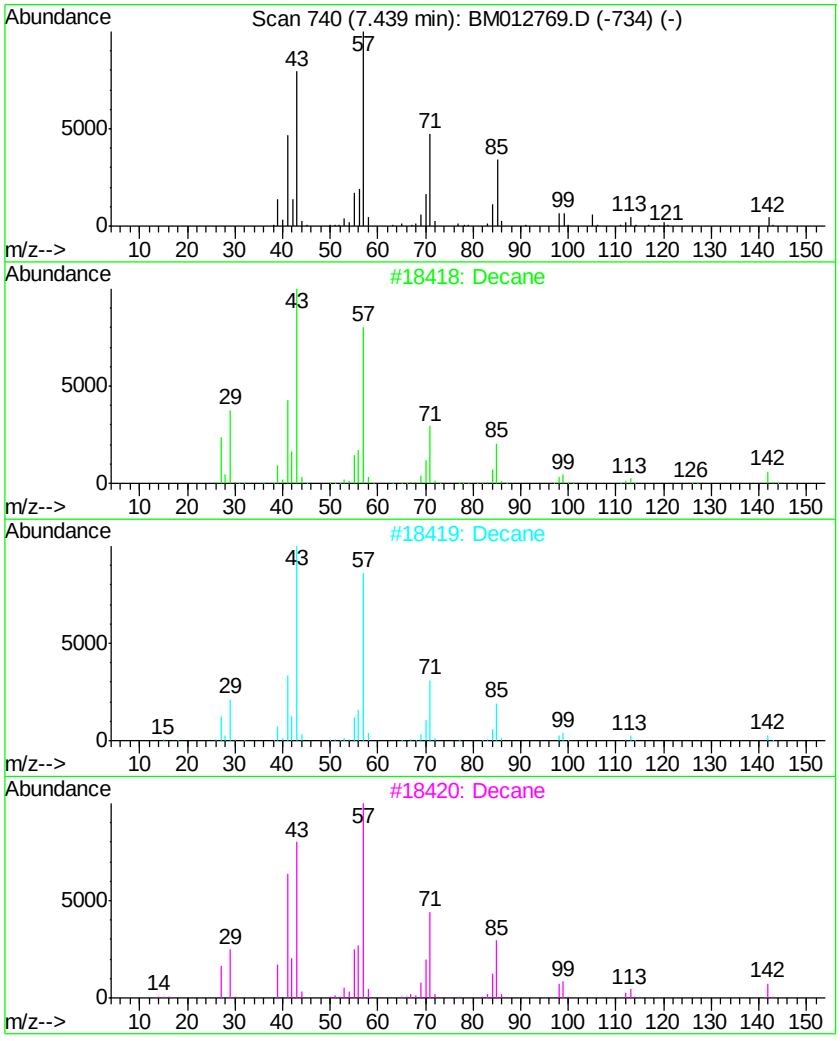
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

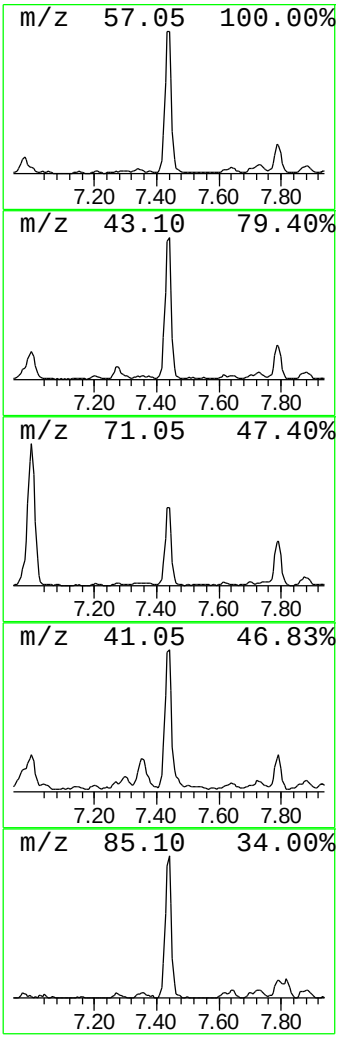
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	12.16 ng/ul	582715	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	94
3	Decane	142	C10H22	000124-18-5	91
4	Undecane	156	C11H24	001120-21-4	83
5	Decane	142	C10H22	000124-18-5	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

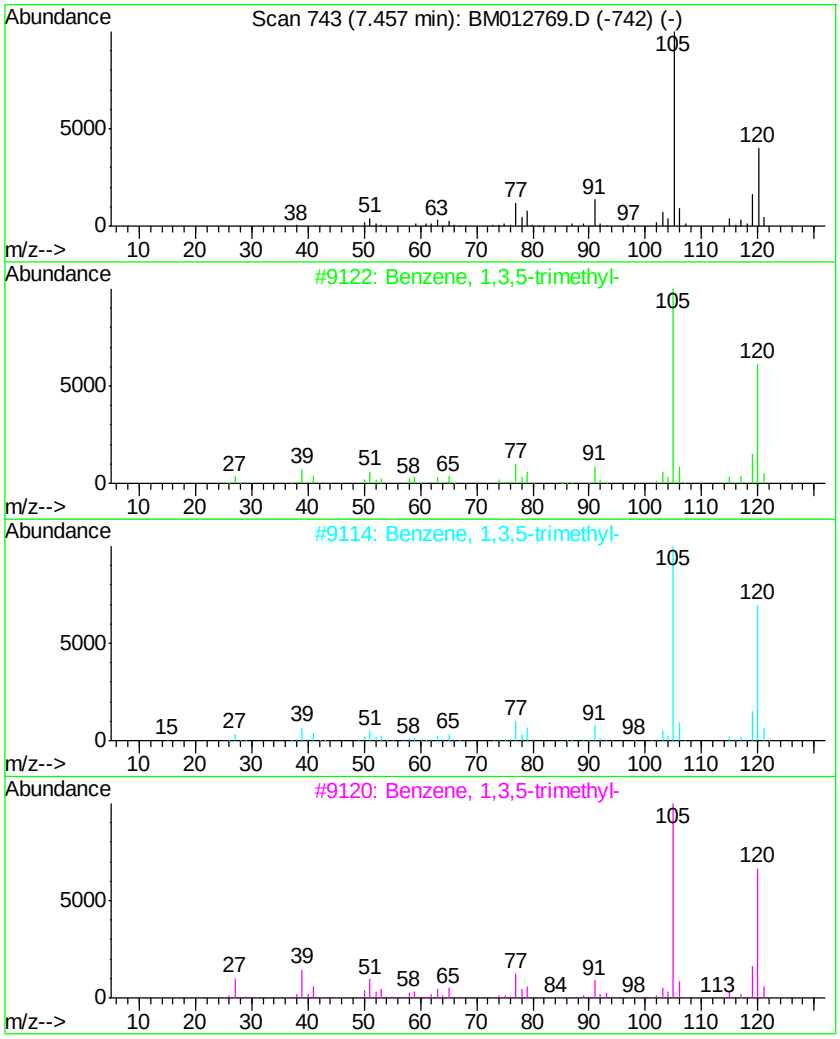
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

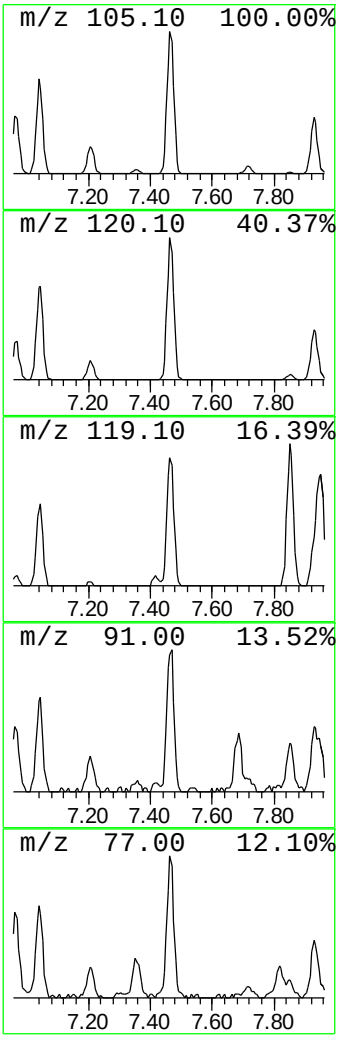
****

Peak Number 10 Benzene, 1,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	8.85 ng/ul	424085	1,4-Dichlorobenzene-d4	7.82

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

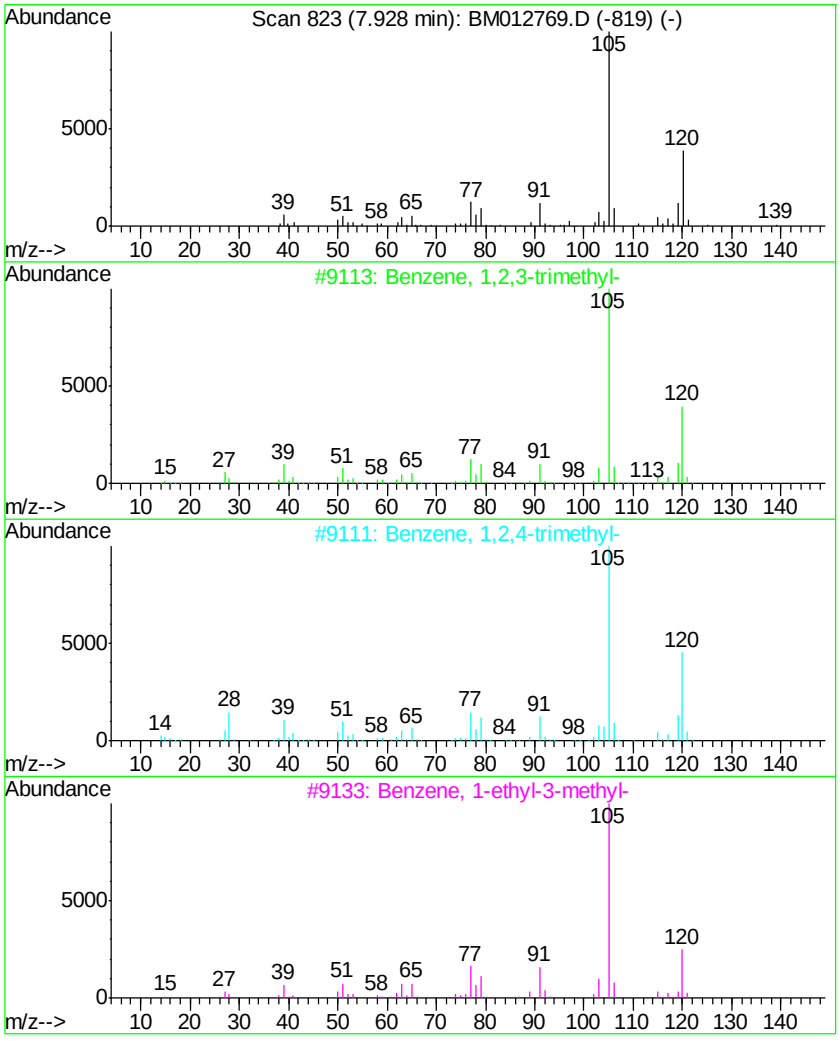
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

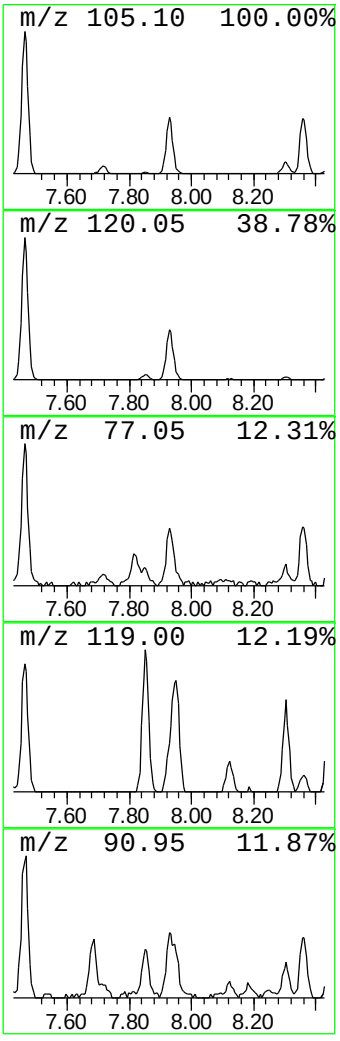
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	4.83 ng/ul	231395	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

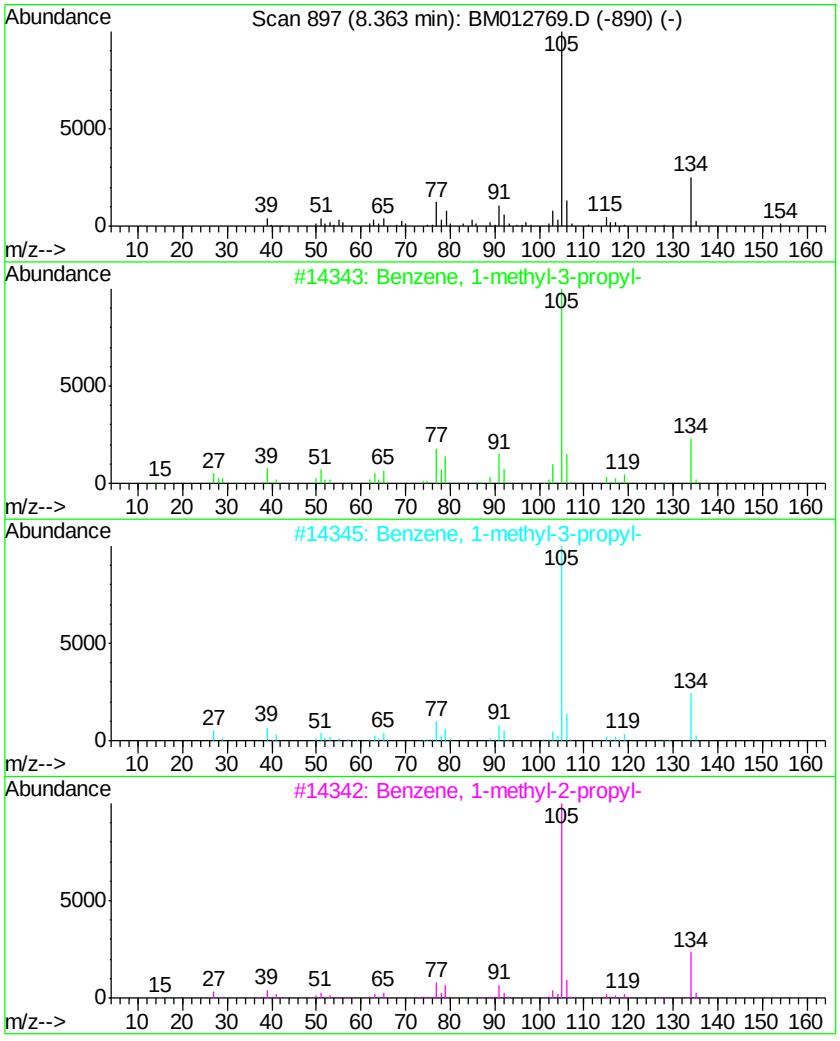
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

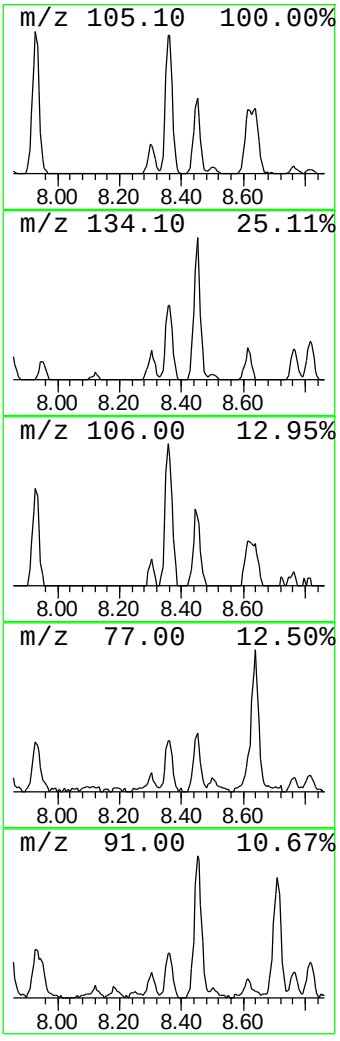
****

Peak Number 12 Benzene, 1-methyl-3-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	4.19 ng/ul	200929	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	90





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Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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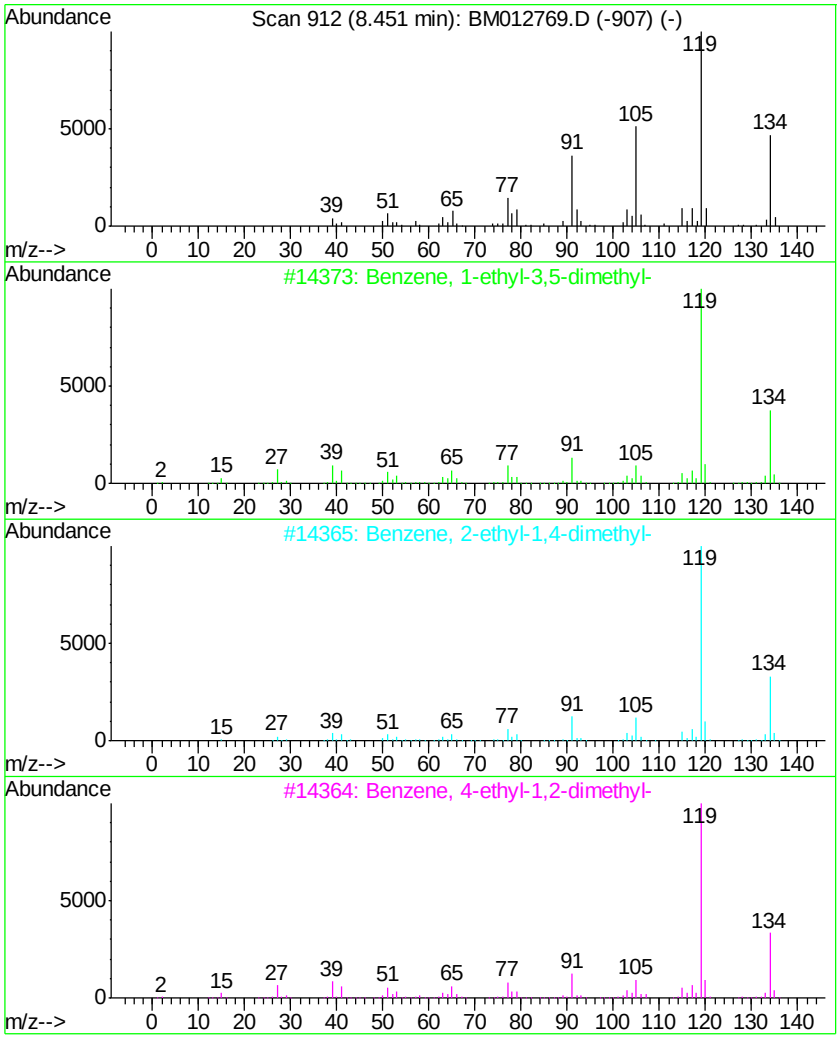
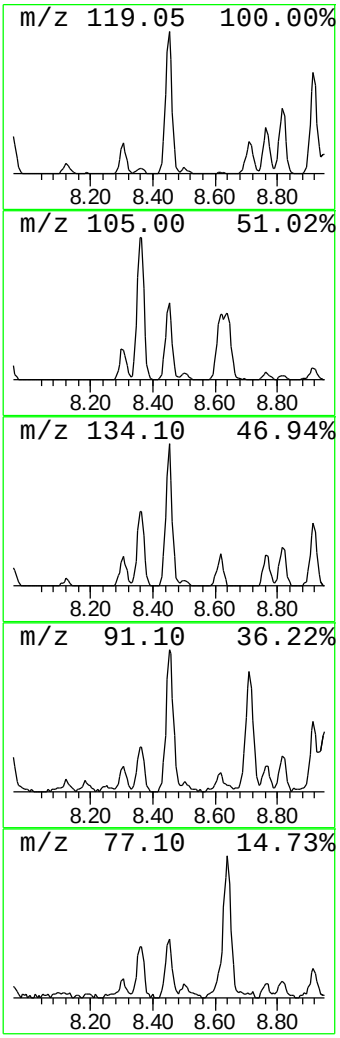
Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	6.69 ng/ul	320619	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

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Quant Title : SVOA CALIBRATION

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

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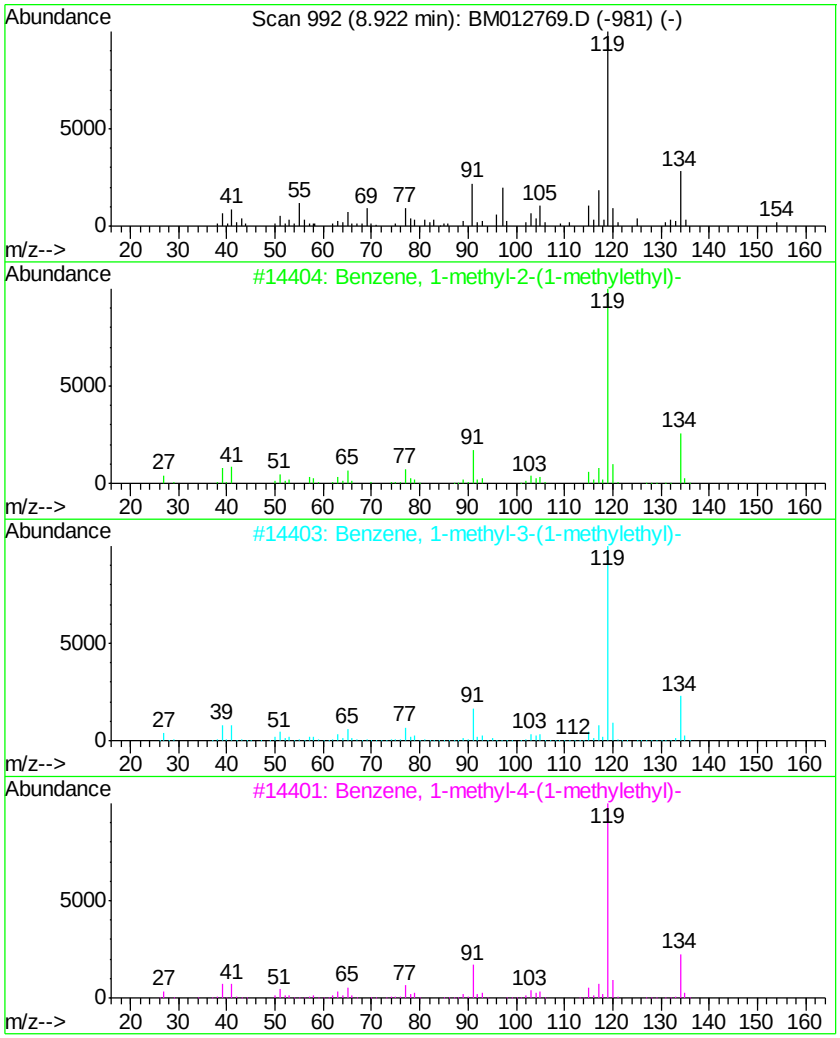
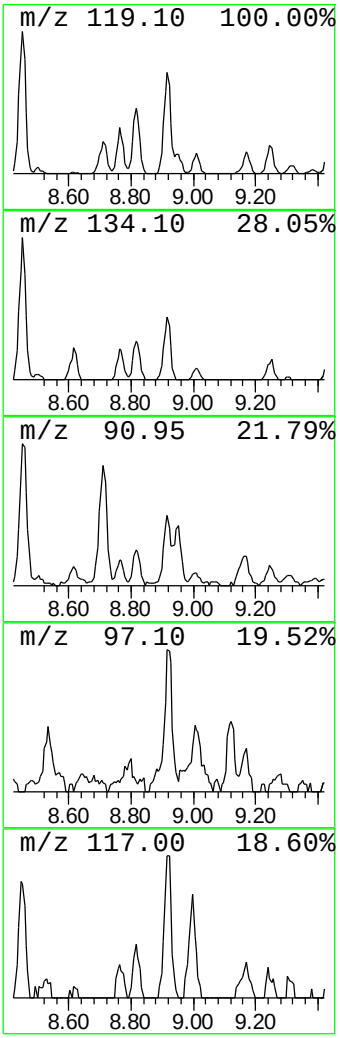
Peak Number 15 Benzene, 1-methyl-2-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	5.55 ng/ul	266189	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

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Quant Title : SVOA CALIBRATION

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

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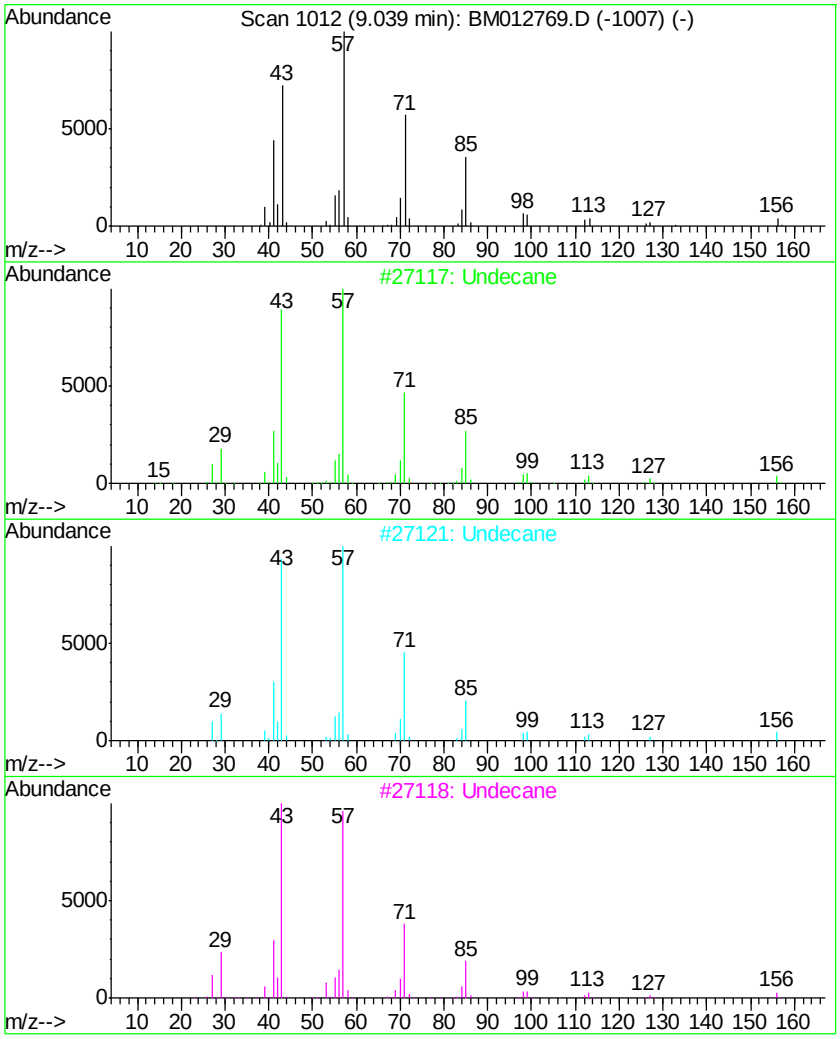
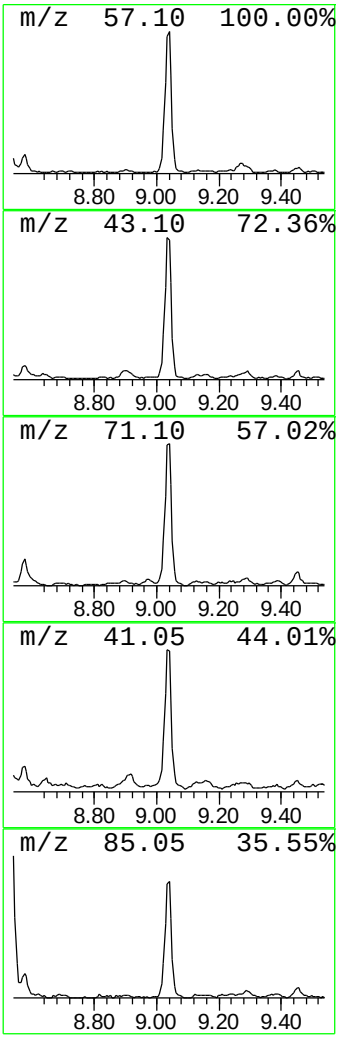
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	9.61 ng/ul	460552	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Undecane	156	C11H24	001120-21-4	91
3	Undecane	156	C11H24	001120-21-4	91
4	Hexadecane	226	C16H34	000544-76-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

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Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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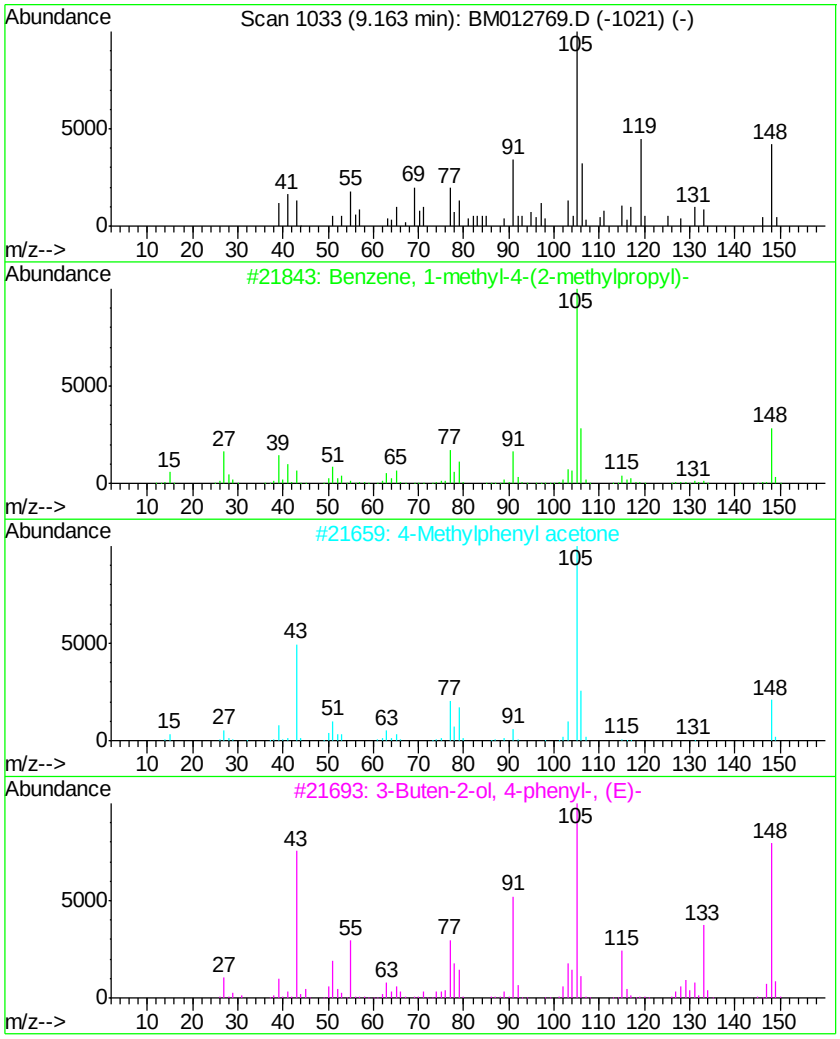
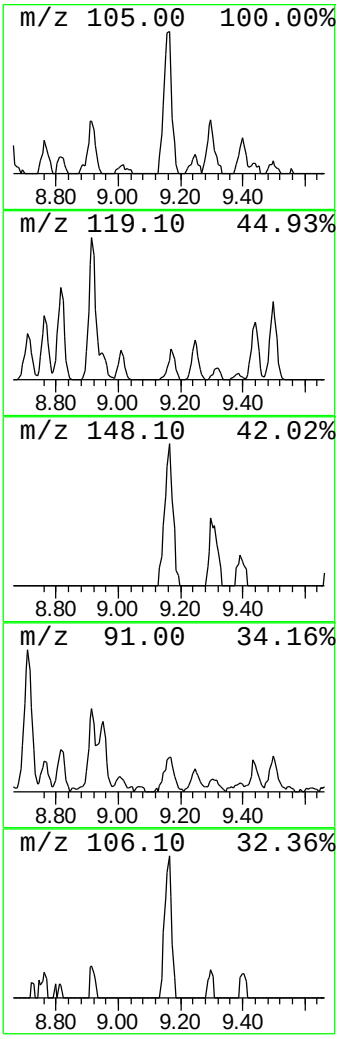
Peak Number 17 Benzene, 1-methyl-4-(2-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	3.57 ng/ul	171251	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	58
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	49
3	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	47
4	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	46
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	43





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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId : B-12(0-1)-101317

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Quant Title : SVOA CALIBRATION

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

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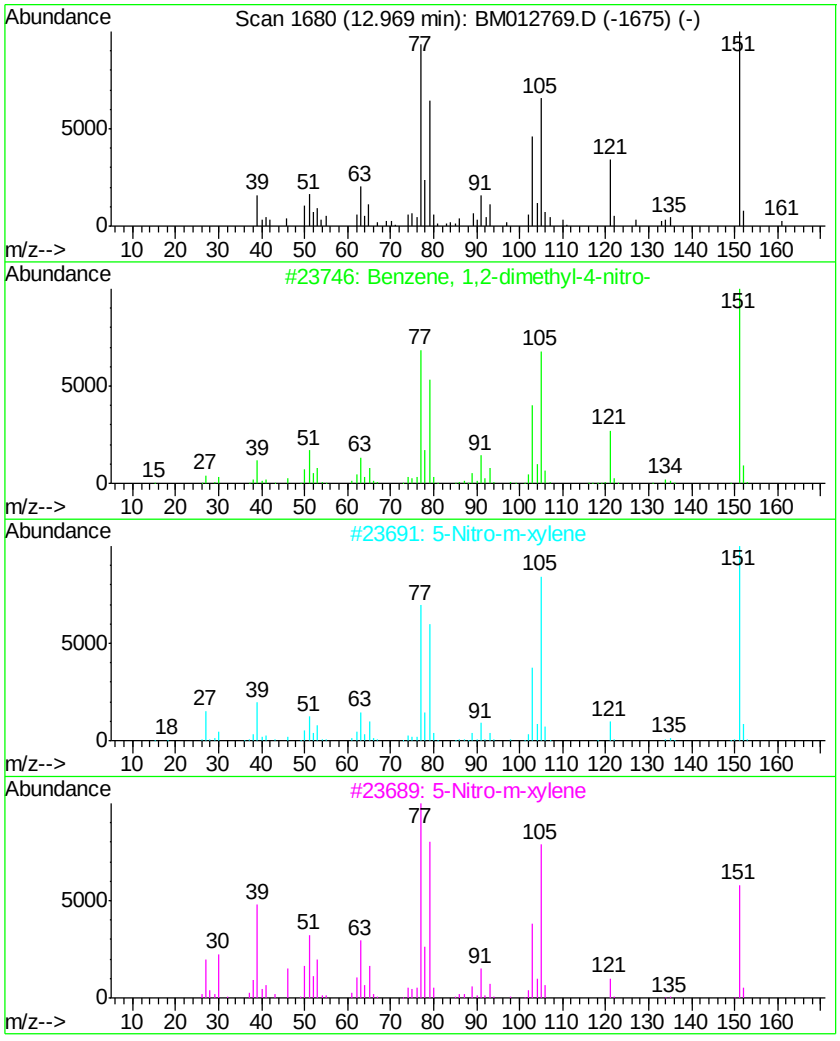
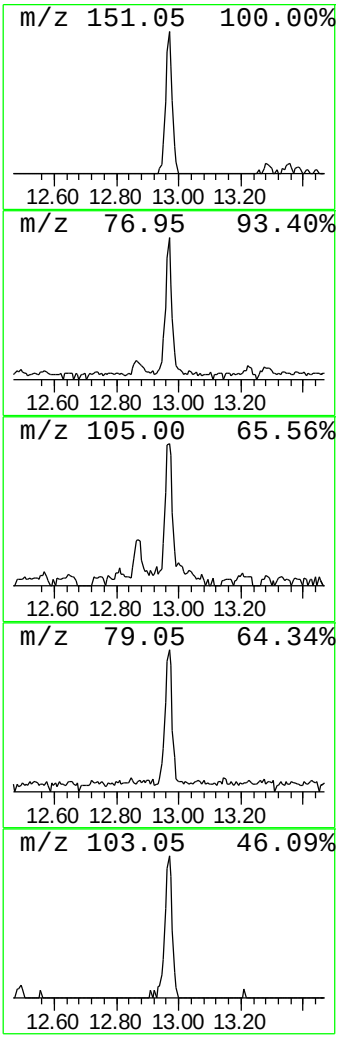
Peak Number 18 Benzene, 1,2-dimethyl-4-nitro- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.09 ng/ul	185022	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-4-nitro-	151	C8H9NO2	000099-51-4	97
2	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	93
3	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	91
4	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	81
5	Benzene, 1,2-dimethyl-4-nitro-	151	C8H9NO2	000099-51-4	74





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Misc :
ALS Vial : 29 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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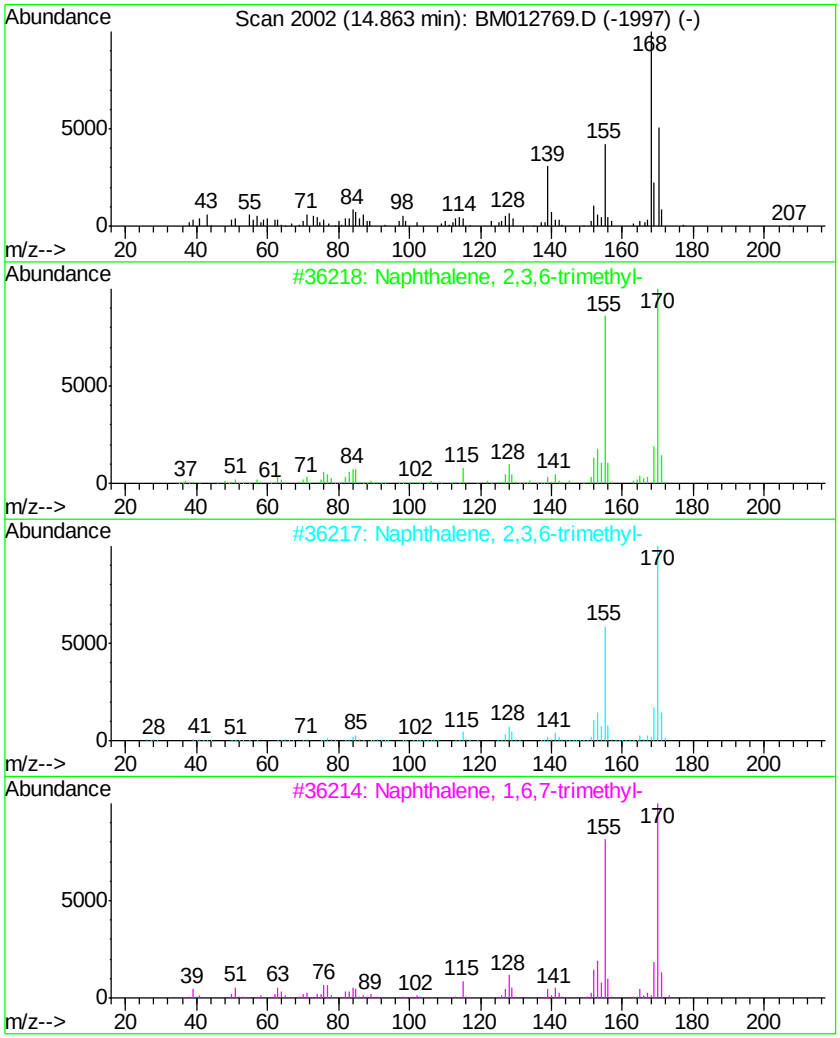
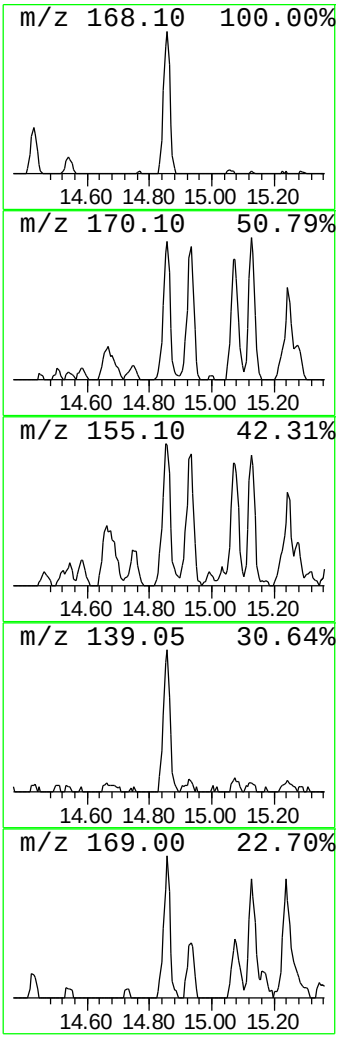
Peak Number 19 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.34 ng/ul	207492	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
5	Dibenzofuran	168	C12H8O	000132-64-9	45





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Quant Title : SVOA CALIBRATION

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

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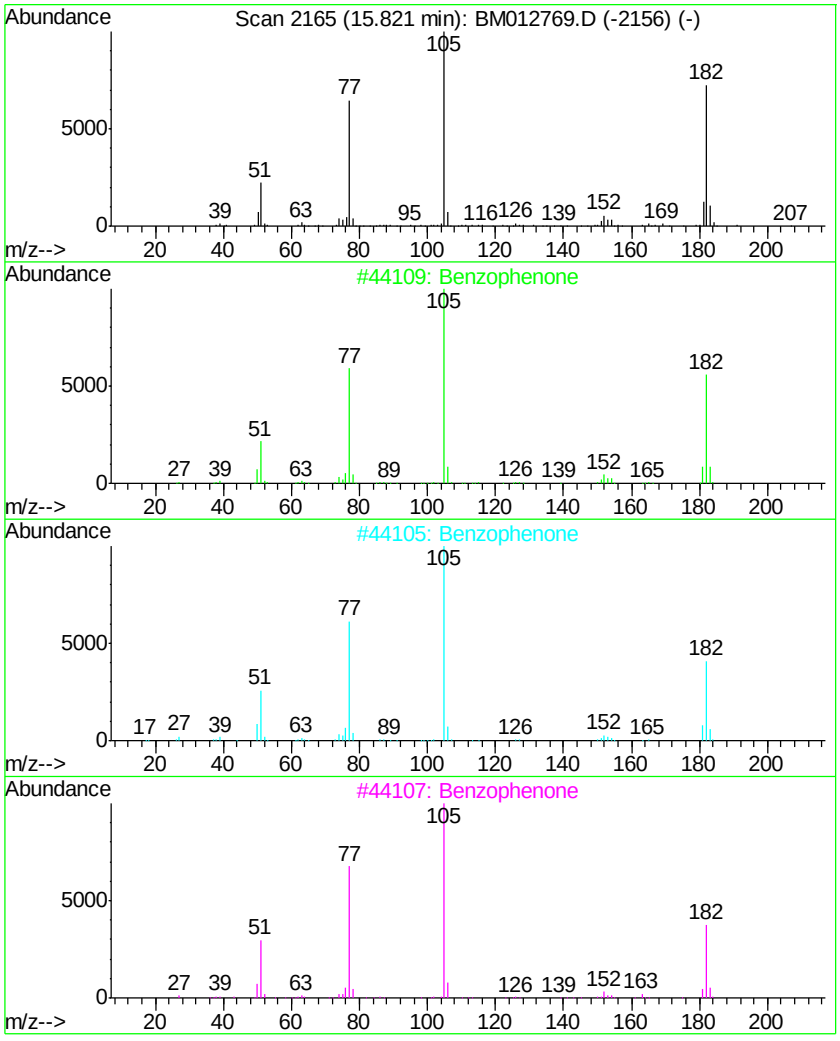
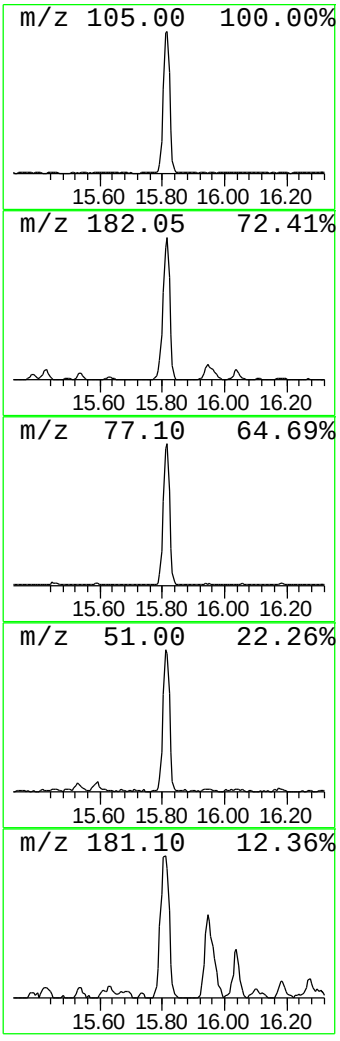
Peak Number 20 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	8.49 ng/ul	753113	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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Quant Title : SVOA CALIBRATION

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

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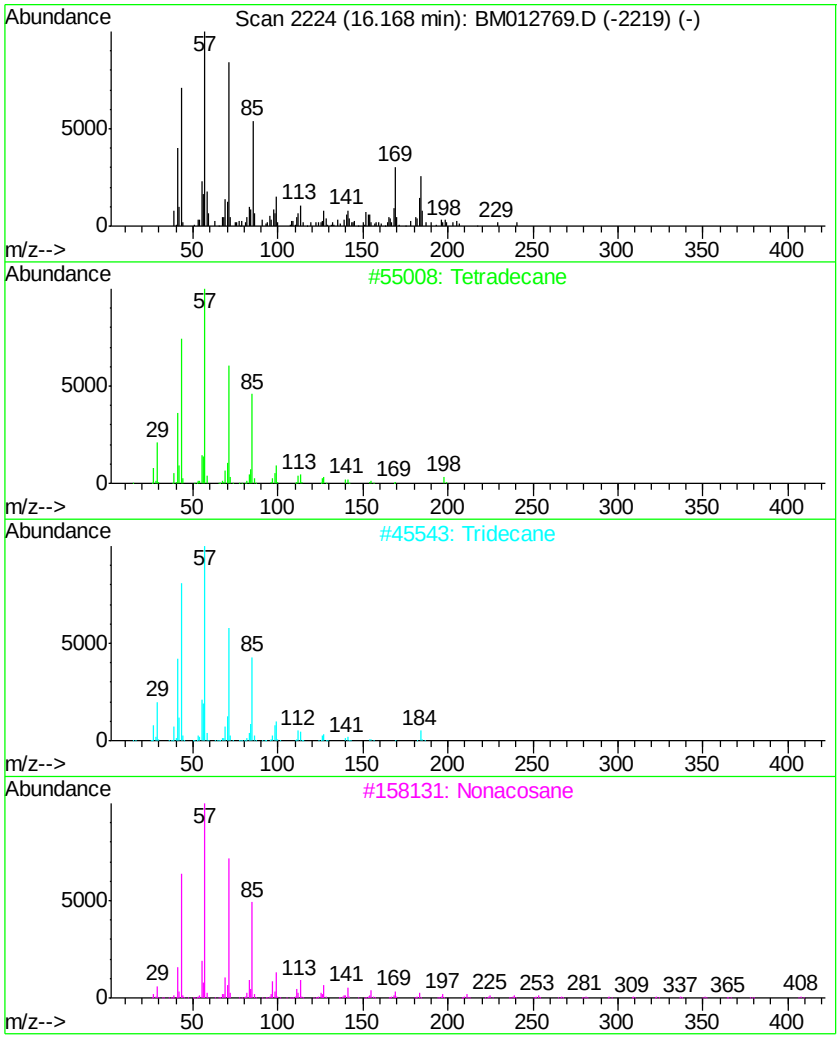
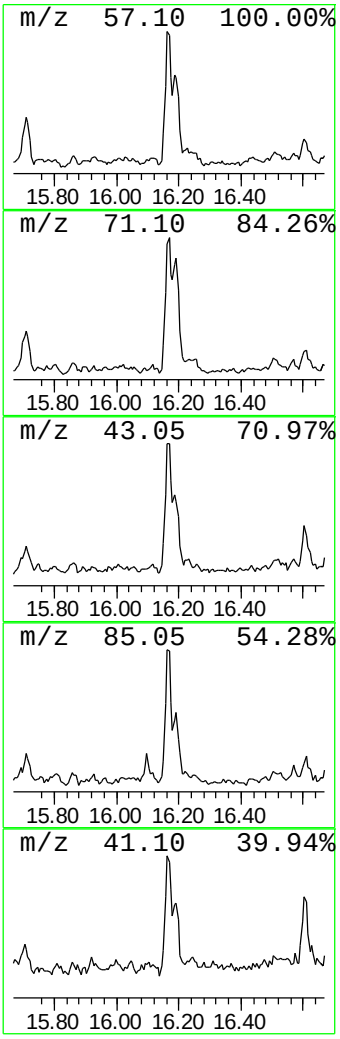
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.42 ng/ul	337228	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Tridecane	184	C13H28	000629-50-5	81
3	Nonacosane	408	C29H60	000630-03-5	64
4	Nonadecane	268	C19H40	000629-92-5	62
5	Eicosane	282	C20H42	000112-95-8	62





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Quant Title : SVOA CALIBRATION

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

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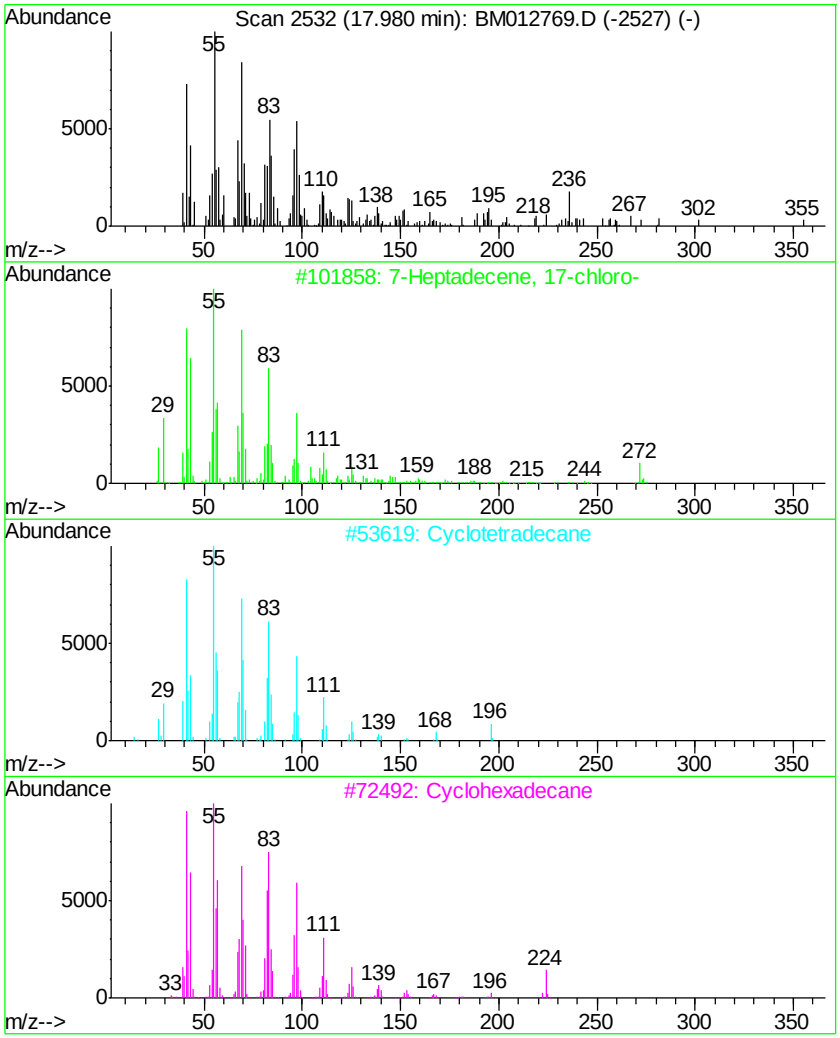
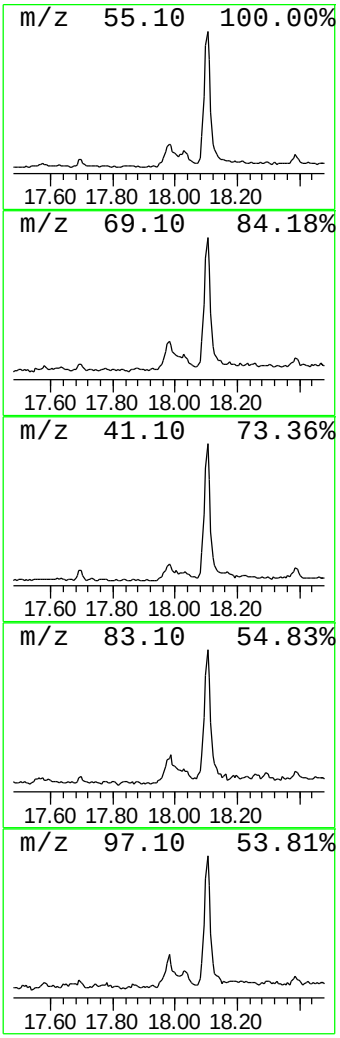
Peak Number 22 7-Heptadecene, 17-chloro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.32 ng/ul	327782	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	60
2	Cyclotetradecane	196	C14H28	000295-17-0	58
3	Cyclohexadecane	224	C16H32	000295-65-8	53
4	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	50
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	49





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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 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	23.67 ng/ul	2336680	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
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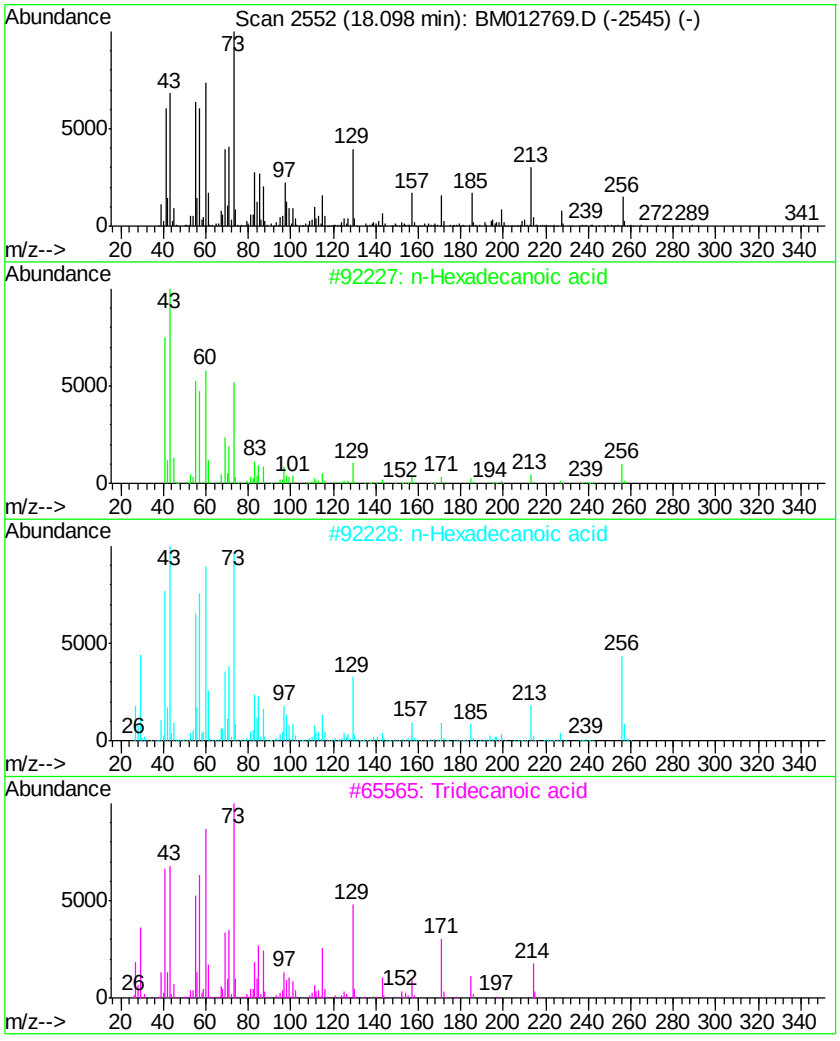
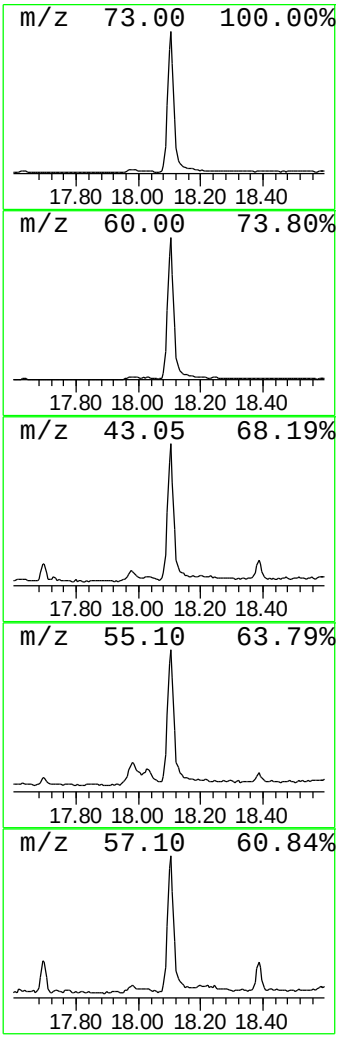
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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Quant Title : SVOA CALIBRATION

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

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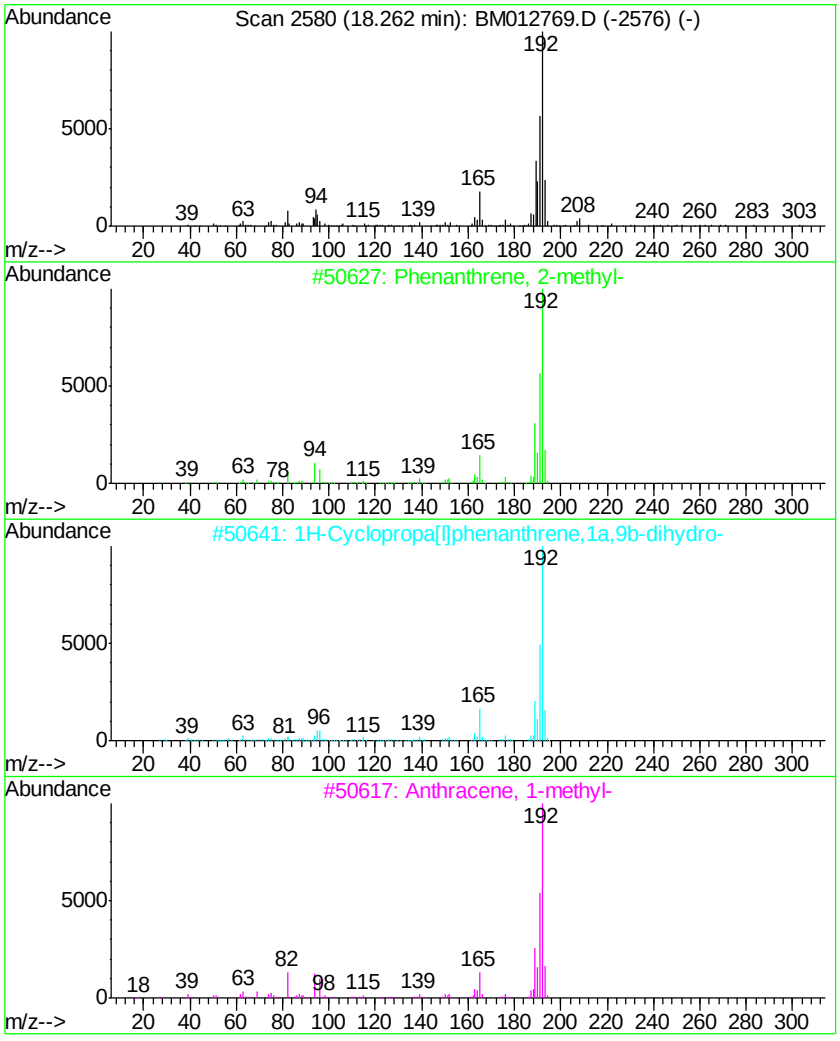
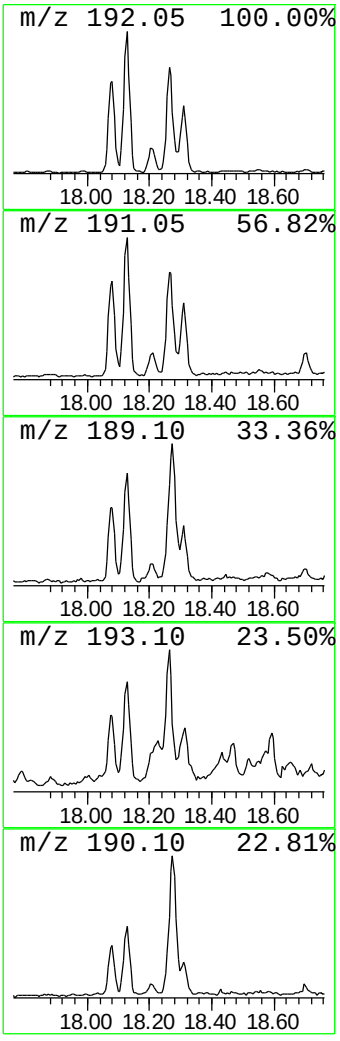
Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.15 ng/ul	311327	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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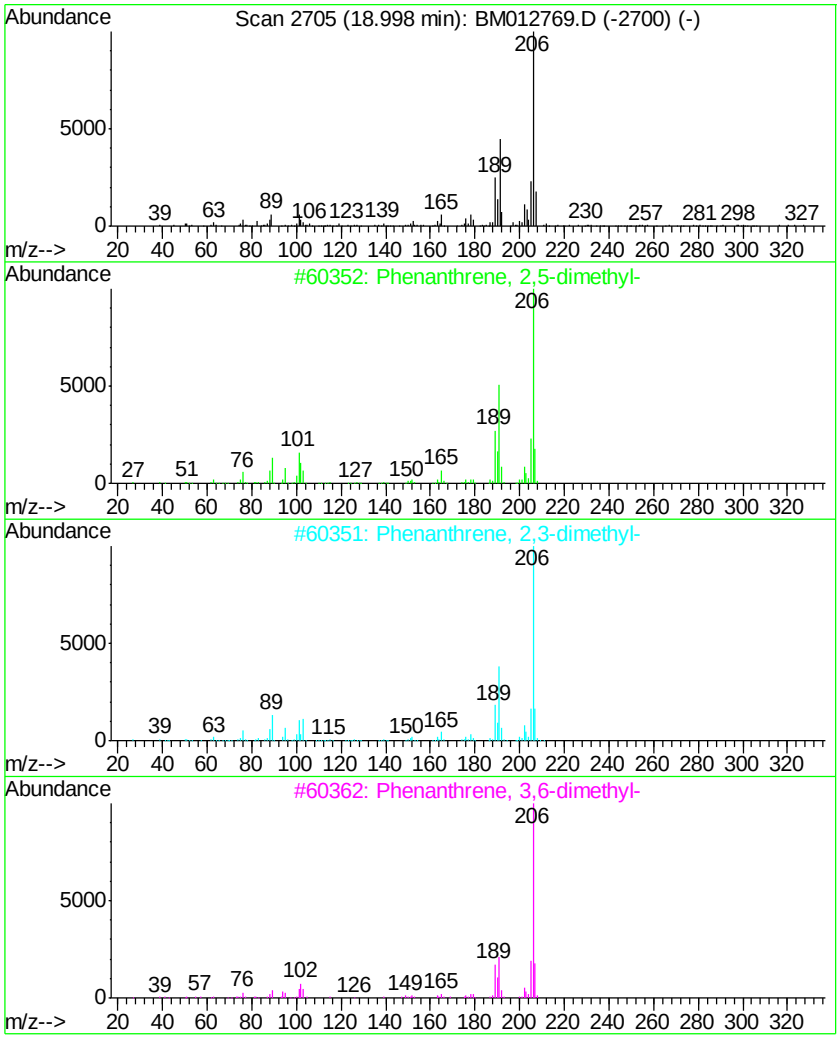
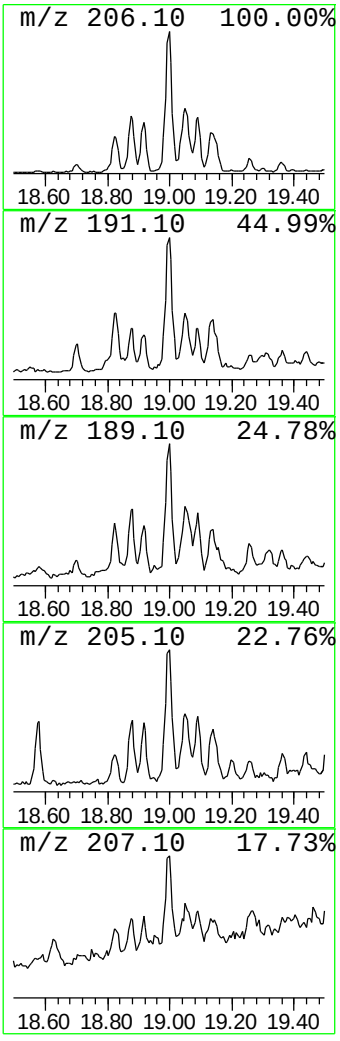
Peak Number 25 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.74 ng/ul	467513	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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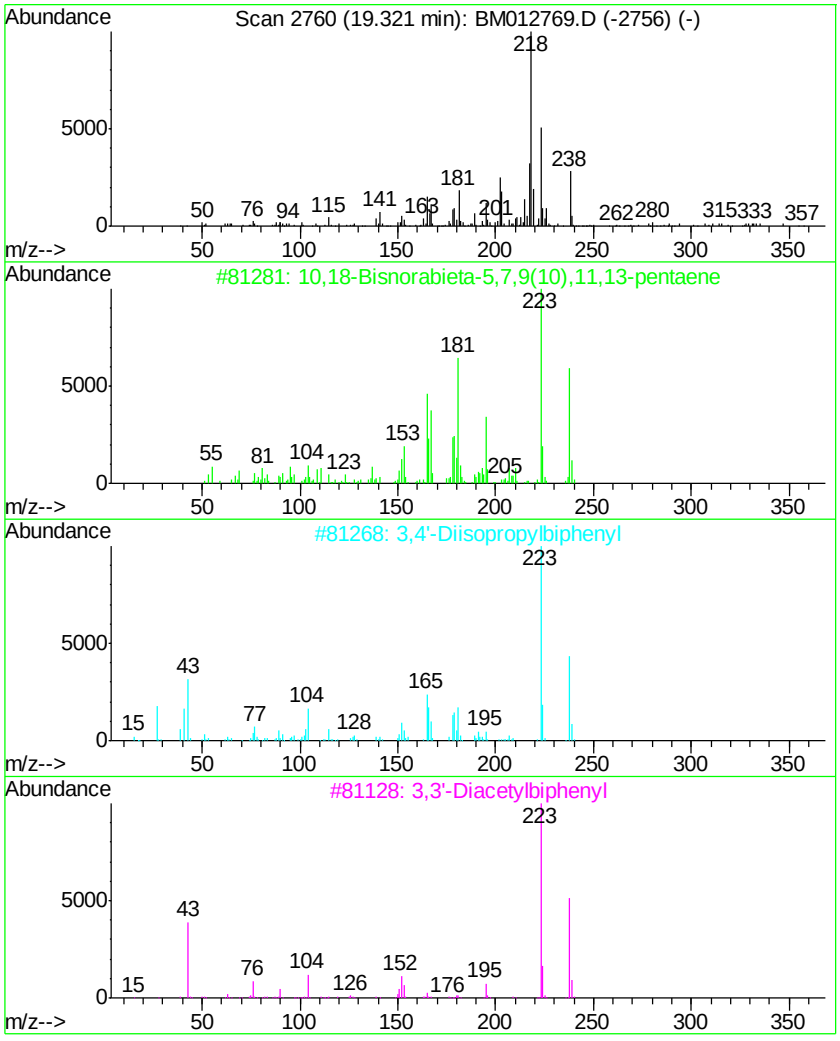
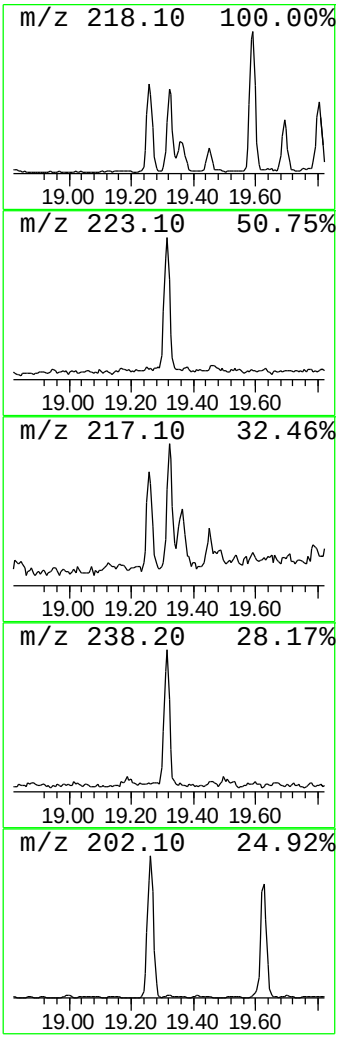
Peak Number 26 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.16 ng/ul	277335	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	83
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	64
3	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	42
4	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	38
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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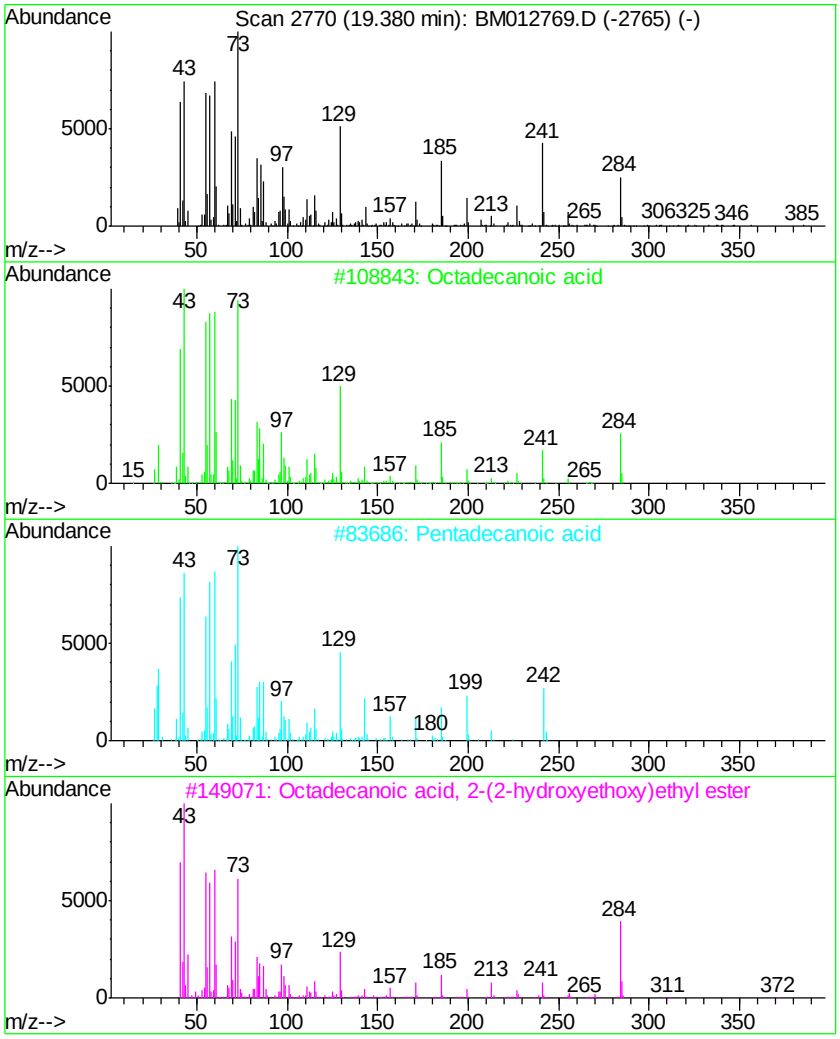
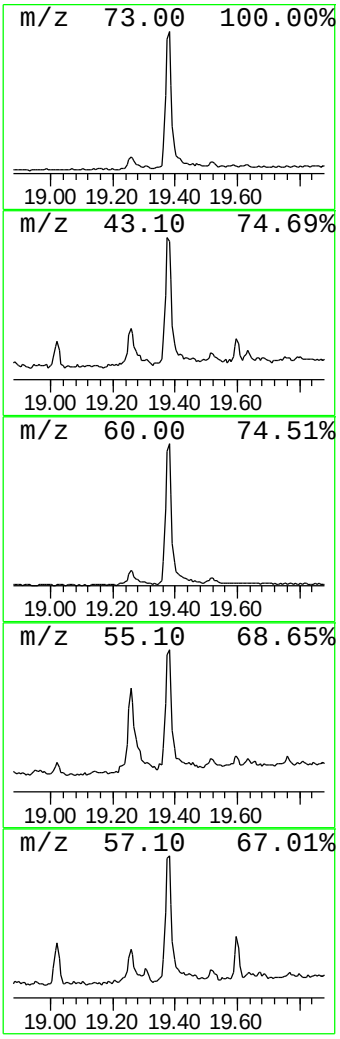
Peak Number 27 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	9.16 ng/ul	1176010	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

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

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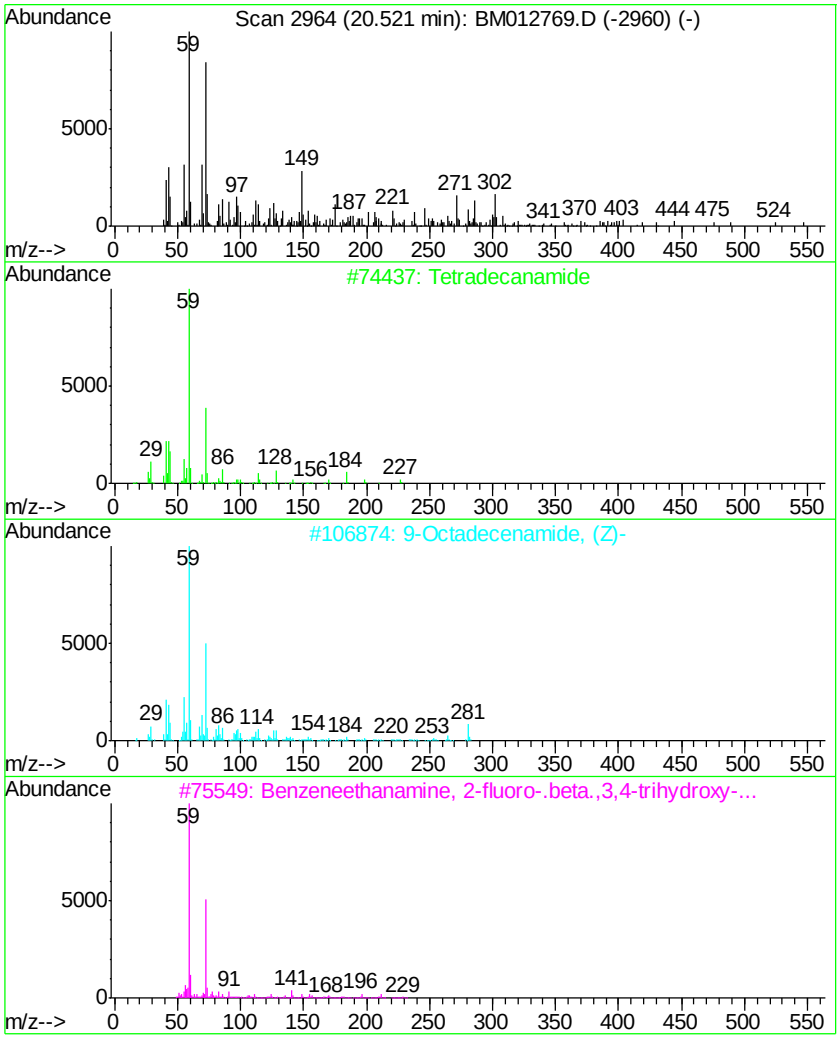
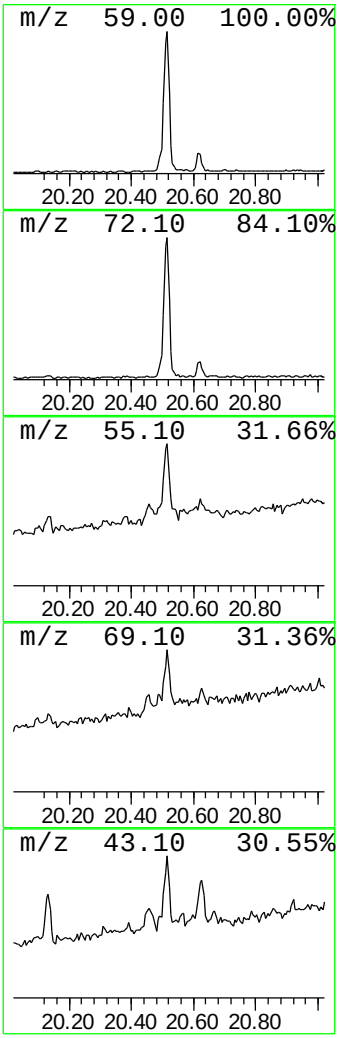
Peak Number 28 Tetradecanamide Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	3.02 ng/ul	387828	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	55
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	46
4	Tetradecanamide	227	C14H29NO	000638-58-4	43
5	Octadecanamide	283	C18H37NO	000124-26-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-12(0-1)-101317

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.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
(DEL) Alkane: Cyc...	3.56	5.9	ng/ul	283870	1	7.82	958388	20.0
Benzene, (1-methy...	6.31	4.6	ng/ul	219198	1	7.82	958388	20.0
Benzene, propyl-	6.80	5.2	ng/ul	248422	1	7.82	958388	20.0
Benzene, 1-ethyl-...	6.90	7.9	ng/ul	379265	1	7.82	958388	20.0
(DEL) Alkane: Str...	7.44	12.2	ng/ul	582715	1	7.82	958388	20.0
Benzene, 1,3,5-tr...	7.46	8.8	ng/ul	424085	1	7.82	958388	20.0
Benzene, 1,2,3-tr...	7.93	4.8	ng/ul	231395	1	7.82	958388	20.0
Benzene, 1-methyl...	8.36	4.2	ng/ul	200929	1	7.82	958388	20.0
Benzene, 1-ethyl-...	8.45	6.7	ng/ul	320619	1	7.82	958388	20.0
Benzene, 1-methyl...	8.92	5.5	ng/ul	266189	1	7.82	958388	20.0
(DEL) Alkane: Str...	9.04	9.6	ng/ul	460552	1	7.82	958388	20.0
Benzene, 1-methyl...	9.16	3.6	ng/ul	171251	1	7.82	958388	20.0
Benzene, 1,2-dime...	12.97	2.1	ng/ul	185022	3	14.46	1774270	20.0
unknown-01	14.86	2.3	ng/ul	207492	3	14.46	1774270	20.0
Benzophenone	15.82	8.5	ng/ul	753113	3	14.46	1774270	20.0
(DEL) Alkane: Str...	16.17	3.4	ng/ul	337228	4	17.20	1974290	20.0
7-Heptadecene, 17...	17.98	3.3	ng/ul	327782	4	17.20	1974290	20.0
n-Hexadecanoic acid	18.10	23.7	ng/ul	2336680	4	17.20	1974290	20.0
Phenanthrene, 2-m...	18.26	3.1	ng/ul	311327	4	17.20	1974290	20.0
Phenanthrene, 2,5...	19.00	4.7	ng/ul	467513	4	17.20	1974290	20.0
10,18-Bisnorabiet...	19.32	2.2	ng/ul	277335	5	21.39	2566560	20.0
Octadecanoic acid	19.38	9.2	ng/ul	1176010	5	21.39	2566560	20.0
Tetradecanamide	20.52	3.0	ng/ul	387828	5	21.39	2566560	20.0