LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013092.D
Acq On : 22 Nov 2017 19:08
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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-BM111617.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	3.134	6	8	10	rVB	606343	427558	1.79%	0.286%
2	3.628	73	92	112	rBV	278480	1362308	5.71%	0.912%
3	3.969	129	150	153	rBV3	501831	1746098	7.32%	1.169%
4	4.822	271	295	298	rBV	547253	2043097	8.56%	1.367%
5	4.957	301	318	321	rBV	437076	1429363	5.99%	0.957%
6	5.699	365	444	446	rBV	1934418	23864303	100.00%	15.973%
7	6.922	621	652	661	rBV3	3171845	11264125	47.20%	7.539%
8	7.057	668	675	682	rVB	890601	1342351	5.62%	0.898%
9	7.251	698	708	715	rBV	1262237	1964797	8.23%	1.315%
10	7.710	780	786	794	rVB	927528	1463561	6.13%	0.980%
11	8.428	898	908	913	rBV	1401172	2503608	10.49%	1.676%
12	8.504	913	921	934	rVB	10077581	18654613	78.17%	12.486%
13	8.869	975	983	990	rBV	1164495	1945193	8.15%	1.302%
14	9.234	1022	1045	1052	rBV3	666793	2753758	11.54%	1.843%
15	9.581	1097	1104	1117	rVB	1031830	1733426	7.26%	1.160%
16	9.945	1158	1166	1179	rVB	249195	487606	2.04%	0.326%
17	10.122	1188	1196	1203	rBV	1510142	2538579	10.64%	1.699%
18	10.492	1252	1259	1266	rBV	1230216	2051041	8.59%	1.373%
19	10.634	1276	1283	1296	rBV	977157	1702405	7.13%	1.139%
20	11.092	1346	1361	1372	rBV	908426	2538085	10.64%	1.699%
21	11.322	1393	1400	1408	rBV	365239	601019	2.52%	0.402%
22	11.563	1431	1441	1448	rBV	3744241	6822628	28.59%	4.567%
23	12.345	1563	1574	1589	rBV	880630	2024825	8.48%	1.355%
24	12.528	1597	1605	1617	rBV	492505	785191	3.29%	0.526%
25	12.798	1646	1651	1659	rVB3	143303	243498	1.02%	0.163%
26	13.769	1809	1816	1821	rBV	2499758	3377781	14.15%	2.261%
27	13.816	1821	1824	1833	rVB	339014	457270	1.92%	0.306%
28	14.045	1852	1863	1872	rVB	2809415	4313822	18.08%	2.887%
29	14.351	1904	1915	1922	rBV2	1680193	2598344	10.89%	1.739%
30	14.563	1944	1951	1959	rBV	1054324	1558913	6.53%	1.043%
31	15.345	2076	2084	2090	rBV	3280192	4694946	19.67%	3.142%
32	15.463	2097	2104	2114	rBV	1391480	2041649	8.56%	1.367%
33	15.857	2168	2171	2176	rVB3	233703	331021	1.39%	0.222%
34	16.445	2264	2271	2277	rBV	4192082	5658207	23.71%	3.787%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC3

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-BM111617.M
Title : SVOA CALIBRATION

35	17.098	2373	2382	2386	rBV2	1946976	2923667	12.25%	1.957%
36	17.145	2386	2390	2393	rVV2	560249	804588	3.37%	0.539%
37	17.198	2393	2399	2410	rVB2	3261855	4867410	20.40%	3.258%
38	18.010	2532	2537	2546	rBV	1703903	2348842	9.84%	1.572%
39	18.145	2555	2560	2570	rVB2	210820	339883	1.42%	0.227%
40	18.498	2614	2620	2627	rVB	336950	472871	1.98%	0.317%
41	19.292	2750	2755	2761	rBV	1621578	1997662	8.37%	1.337%
42	19.492	2783	2789	2796	rBV	3515149	4718175	19.77%	3.158%
43	20.186	2903	2907	2912	rVB	269883	330535	1.39%	0.221%
44	20.498	2955	2960	2964	rBV	191211	264825	1.11%	0.177%
45	21.003	3042	3046	3057	rBV2	831859	1118293	4.69%	0.748%
46	21.280	3088	3093	3099	rBV	2114647	2617795	10.97%	1.752%
47	23.374	3442	3449	3462	rVB2	2316648	4681260	19.62%	3.133%
48	23.509	3466	3472	3481	rVB	1217224	2305521	9.66%	1.543%
49	24.150	3576	3581	3589	rVB4	133999	288604	1.21%	0.193%

Sum of corrected areas: 149404920

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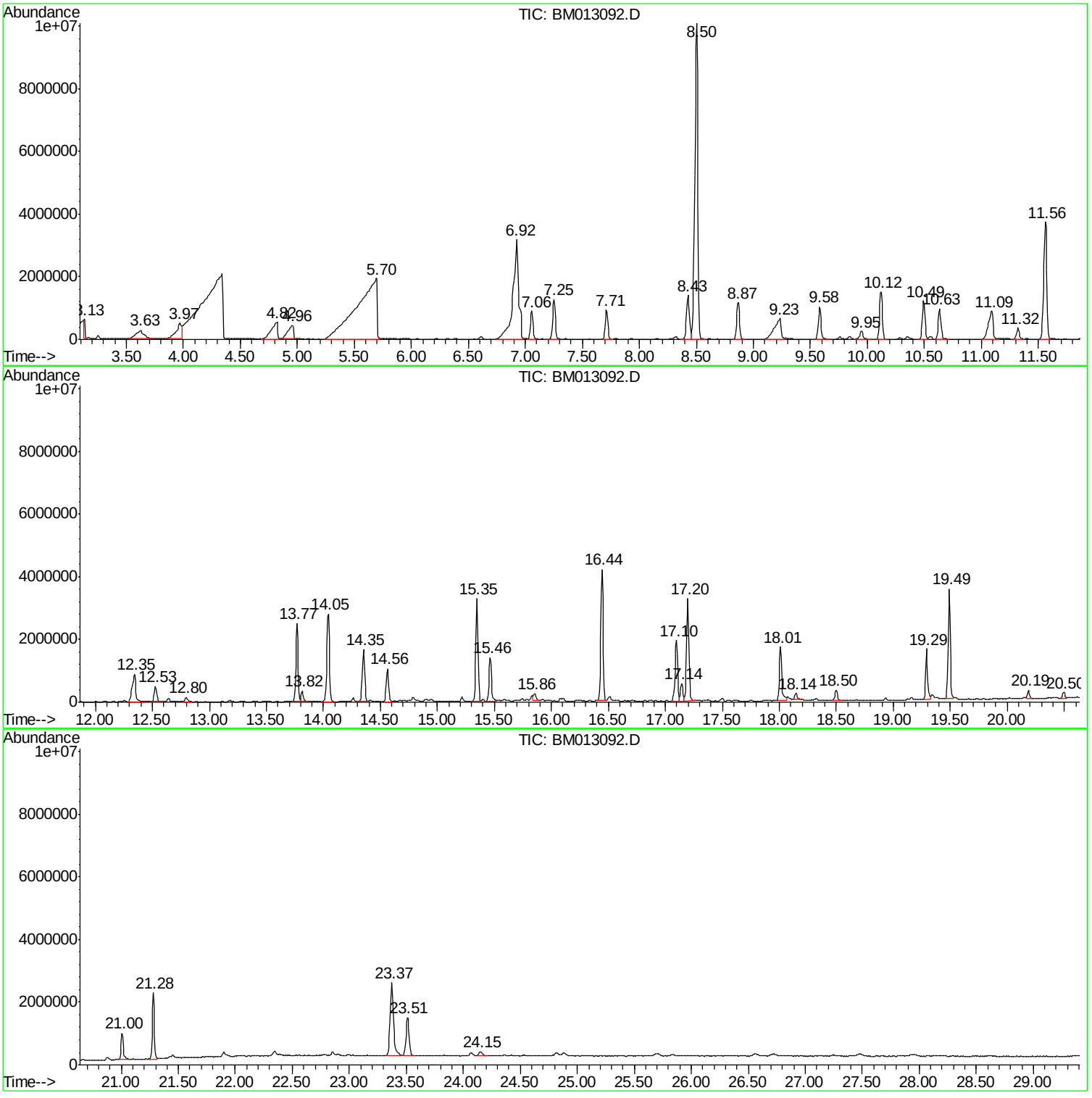
C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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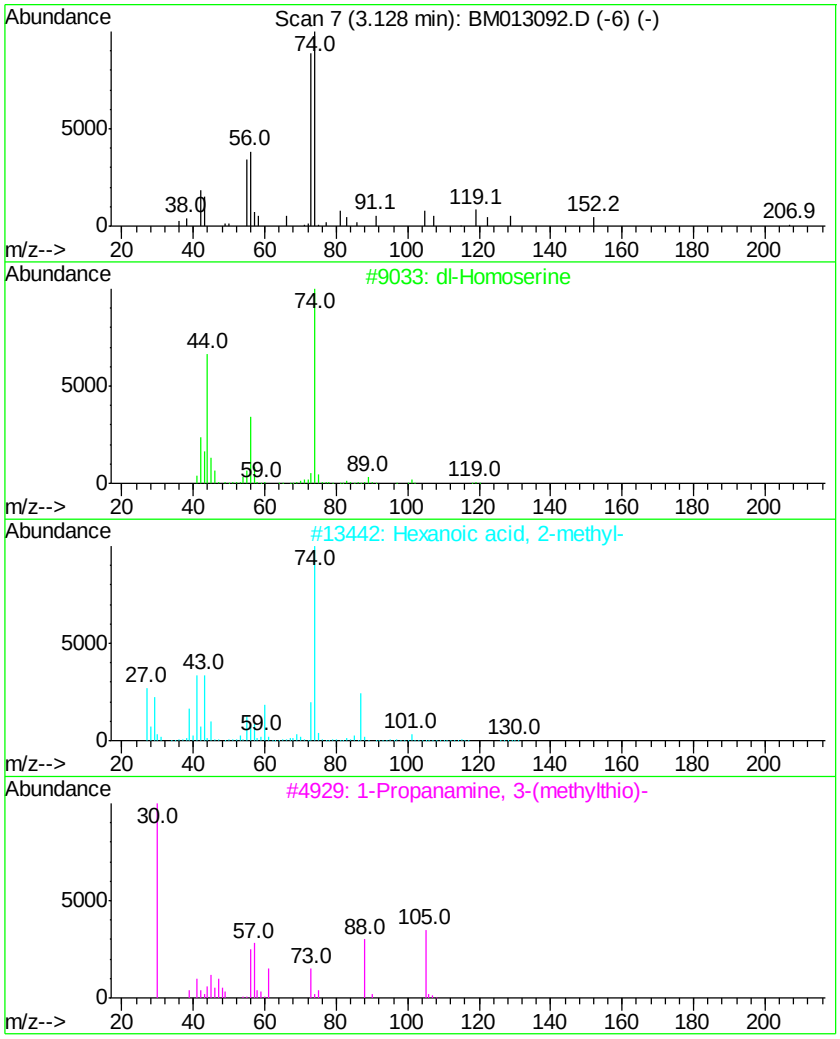
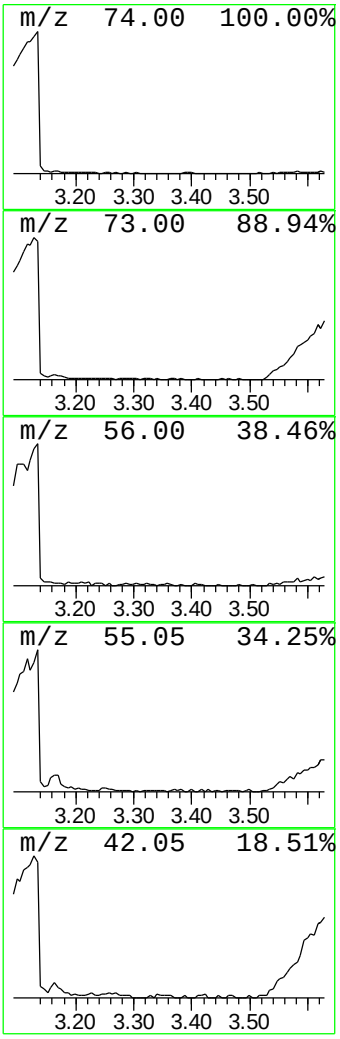
Peak Number 1 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	5.84 ng/ul	427558	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Homoserine	119	C4H9NO3	001927-25-9	45
2	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	33
3	1-Propanamine, 3-(methylthio)-	105	C4H11NS	004104-45-4	10
4	L-Serine, N-methyl-	119	C4H9NO3	002480-26-4	9
5	Methanamine, 1,1-bis(2,2-dimethy...	231	C13H29NO2	004909-78-8	9





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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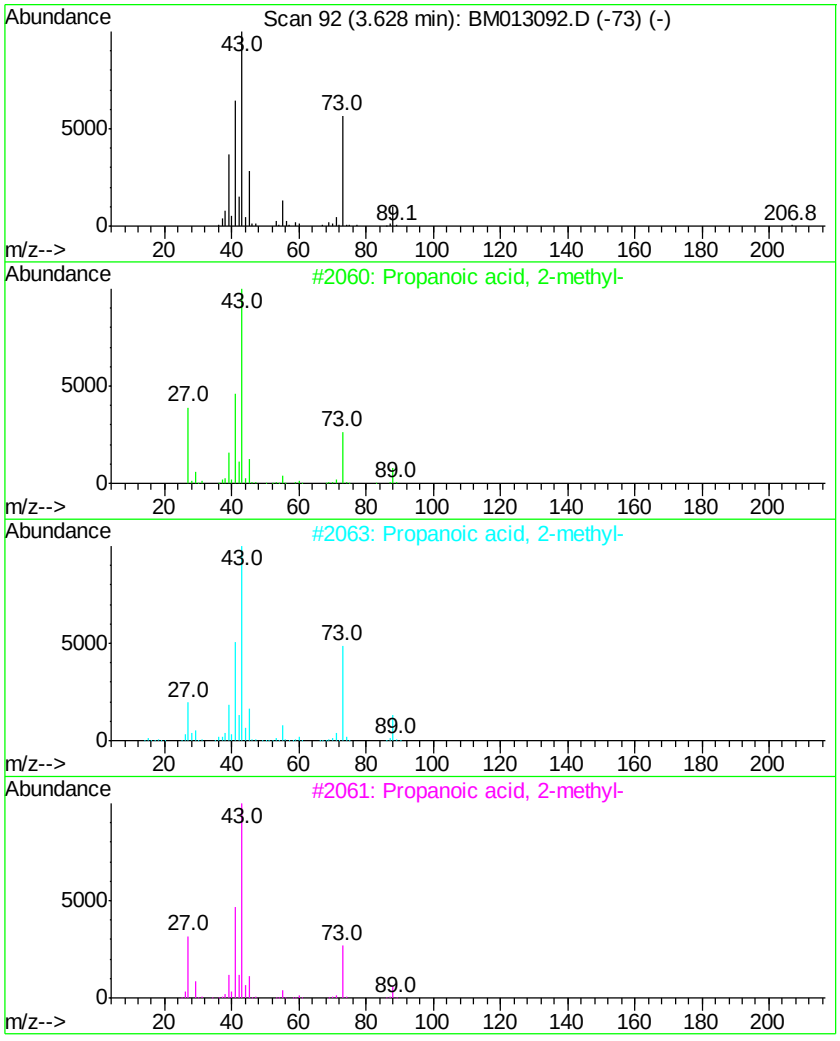
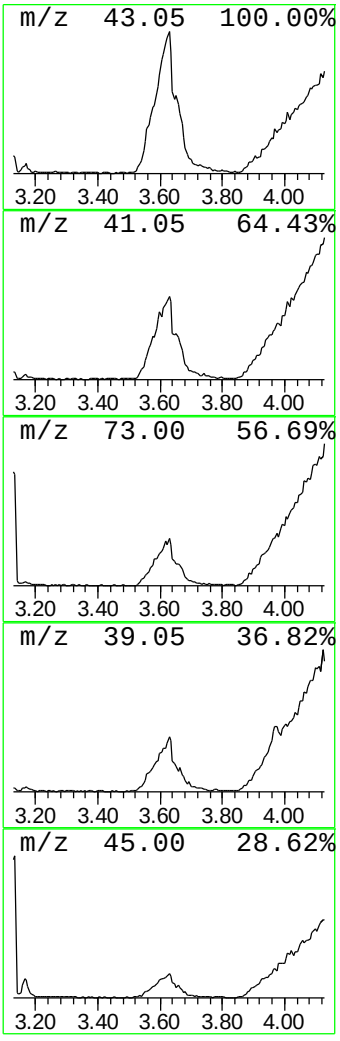
Peak Number 2 Propanoic acid, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	18.62 ng/ul	1362310	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	86
2	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	83
3	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	64
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	42





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Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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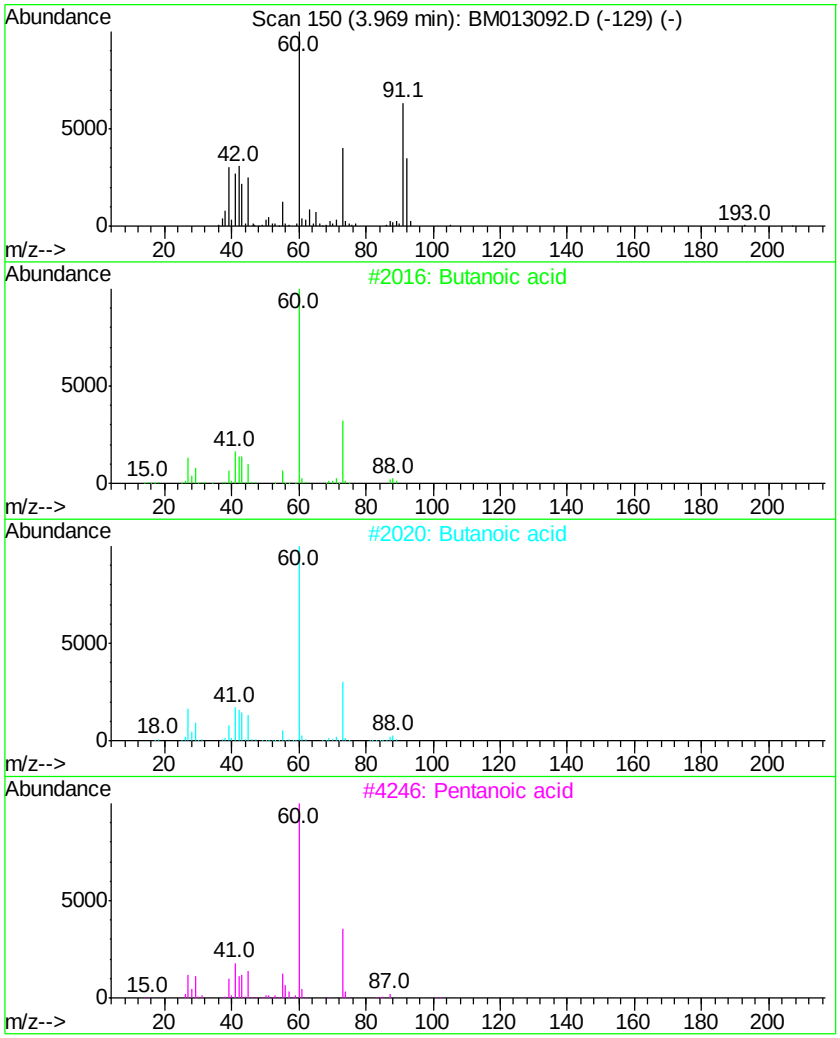
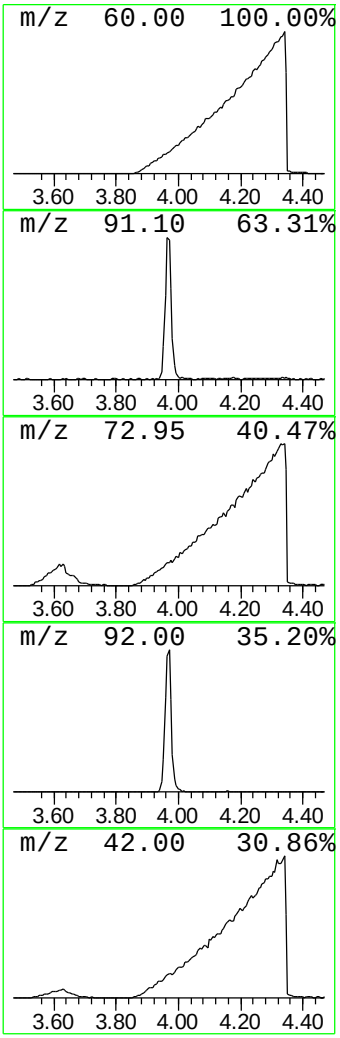
Peak Number 3 Butanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	23.86 ng/ul	1746100	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	50
2	Butanoic acid	88	C4H8O2	000107-92-6	50
3	Pentanoic acid	102	C5H10O2	000109-52-4	40
4	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	40
5	Benserazide	257	C10H15N3O5	000322-35-0	38





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Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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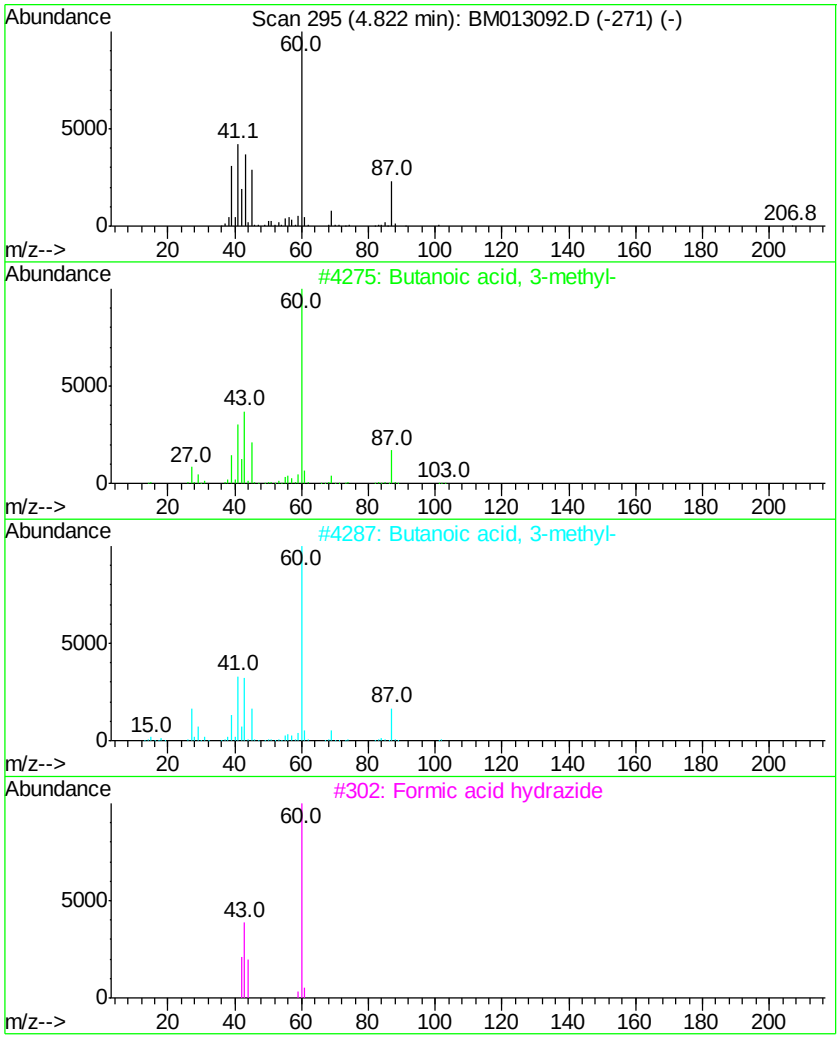
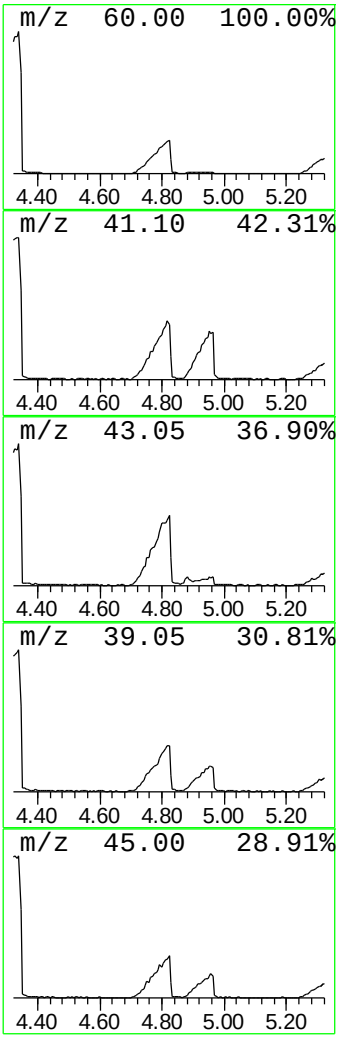
Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	27.92 ng/ul	2043100	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	50
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
5	Octane, 1-(ethenylthio)-	172	C10H20S	042779-08-8	40





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Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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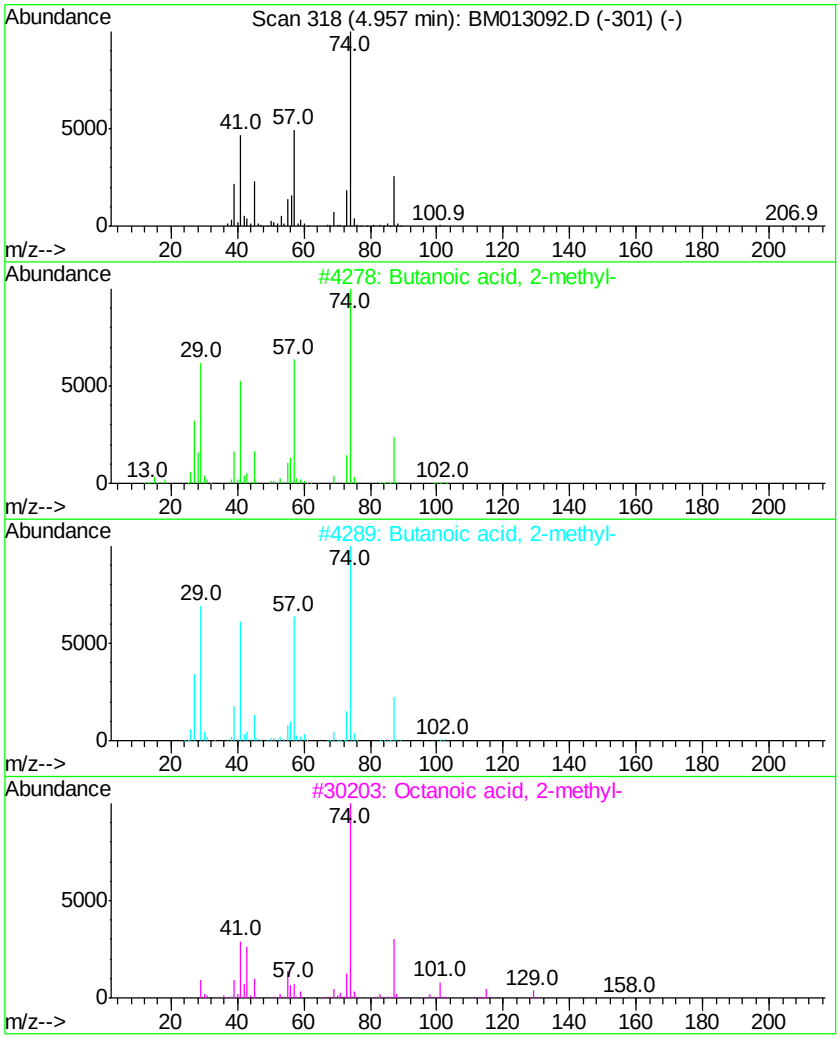
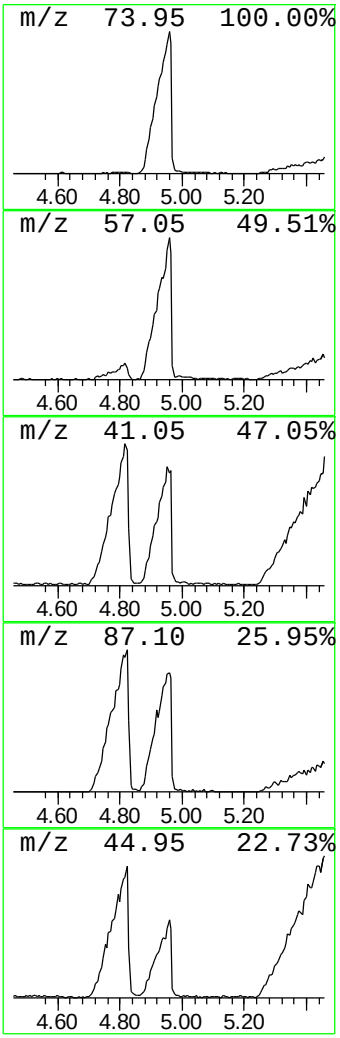
Peak Number 5 Butanoic acid, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	19.53 ng/ul	1429360	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	72
3	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	64
4	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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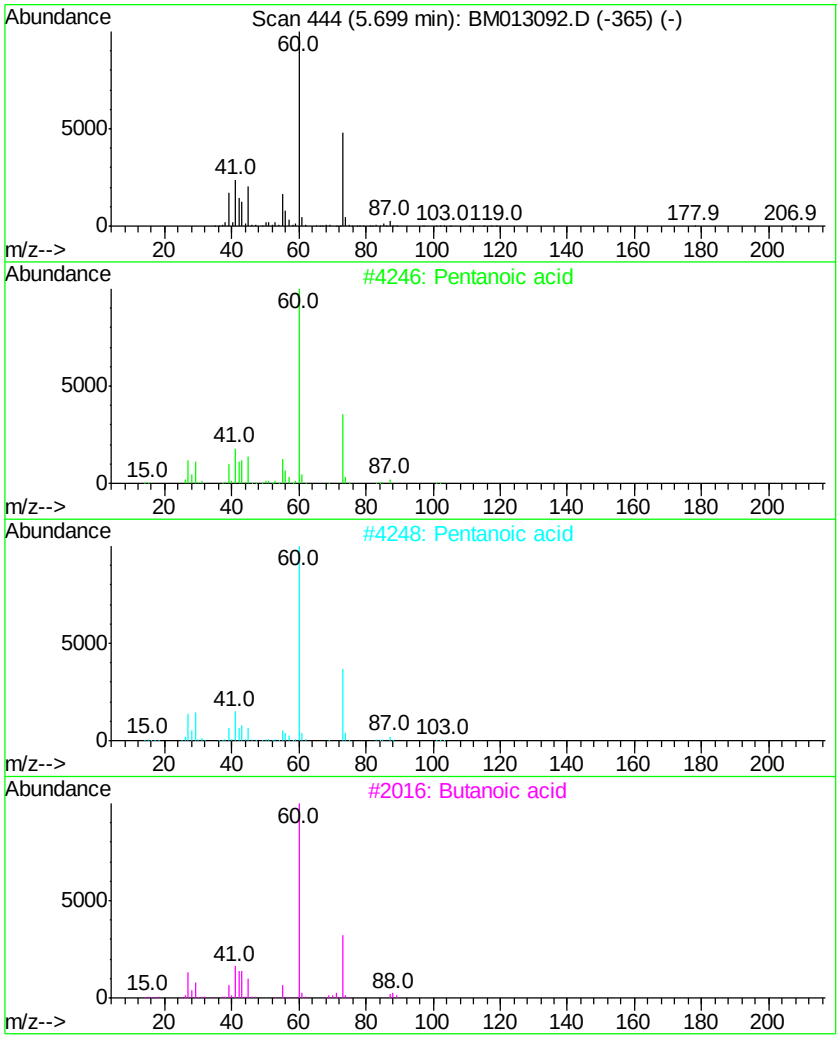
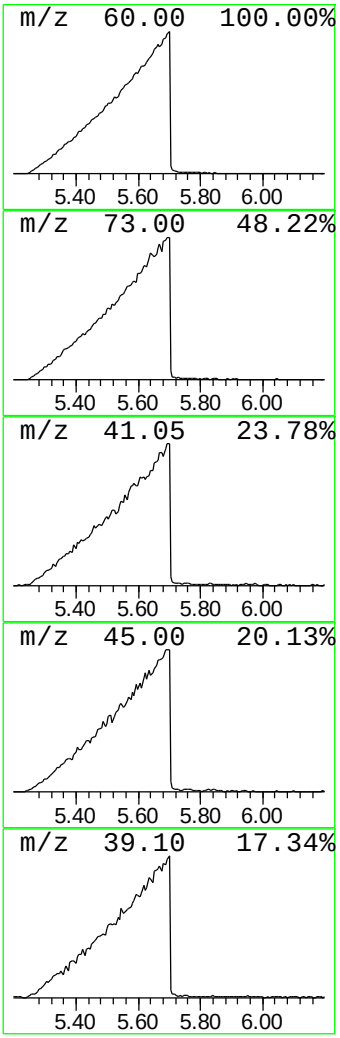
Peak Number 6 Pentanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	326.11 ng/ul	23864300	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	56
3	Butanoic acid	88	C4H8O2	000107-92-6	56
4	Pentanoic acid	102	C5H10O2	000109-52-4	50
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	42





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TIC Library : C:\DATABASE\NIST11.L
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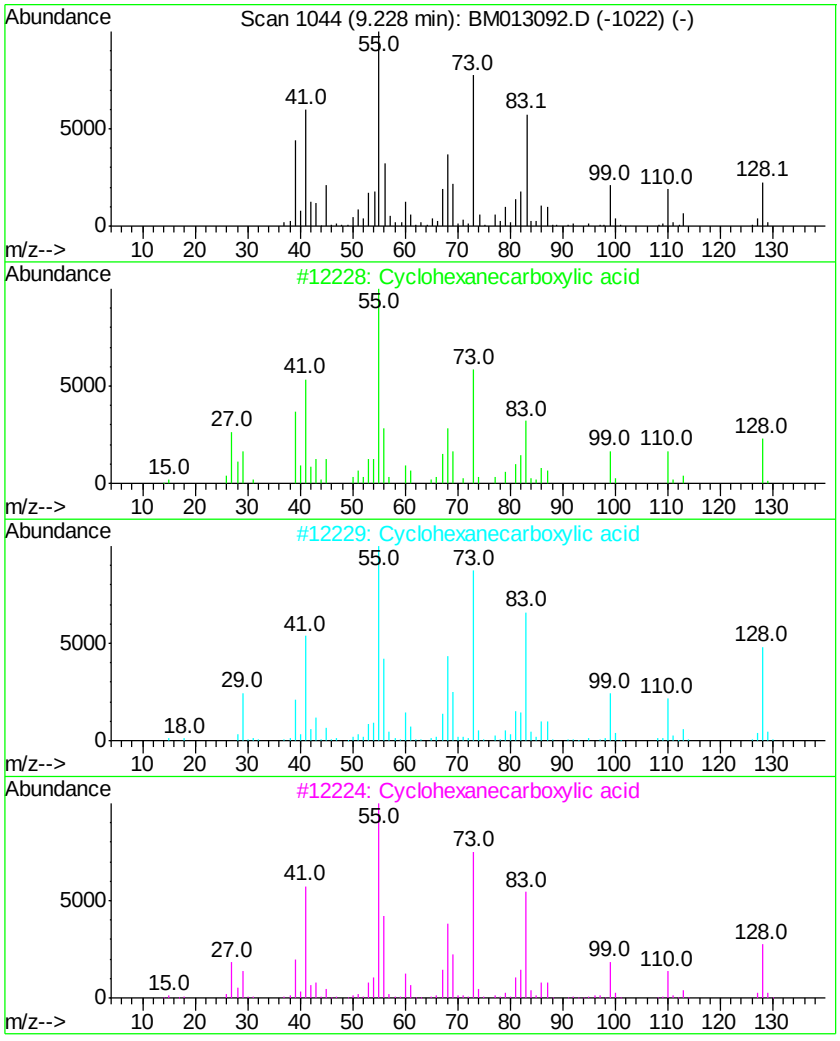
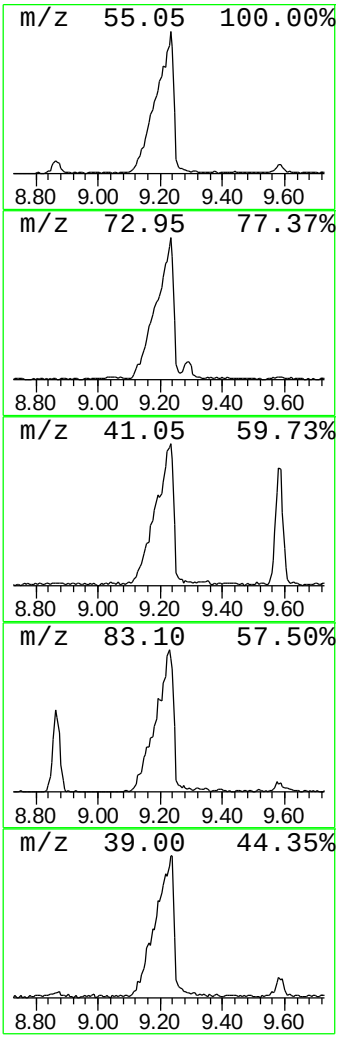
Peak Number 7 Cyclohexanecarboxylic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	26.85 ng/ul	2753760	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	96
2	Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	95
3	Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	91
4	Trans-2-heptenoic acid	128	C7H12O2	1000342-31-8	38
5	Cyclohexanone, 4-methoxy-	128	C7H12O2	013482-23-0	14





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Quant Title : SVOA CALIBRATION

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

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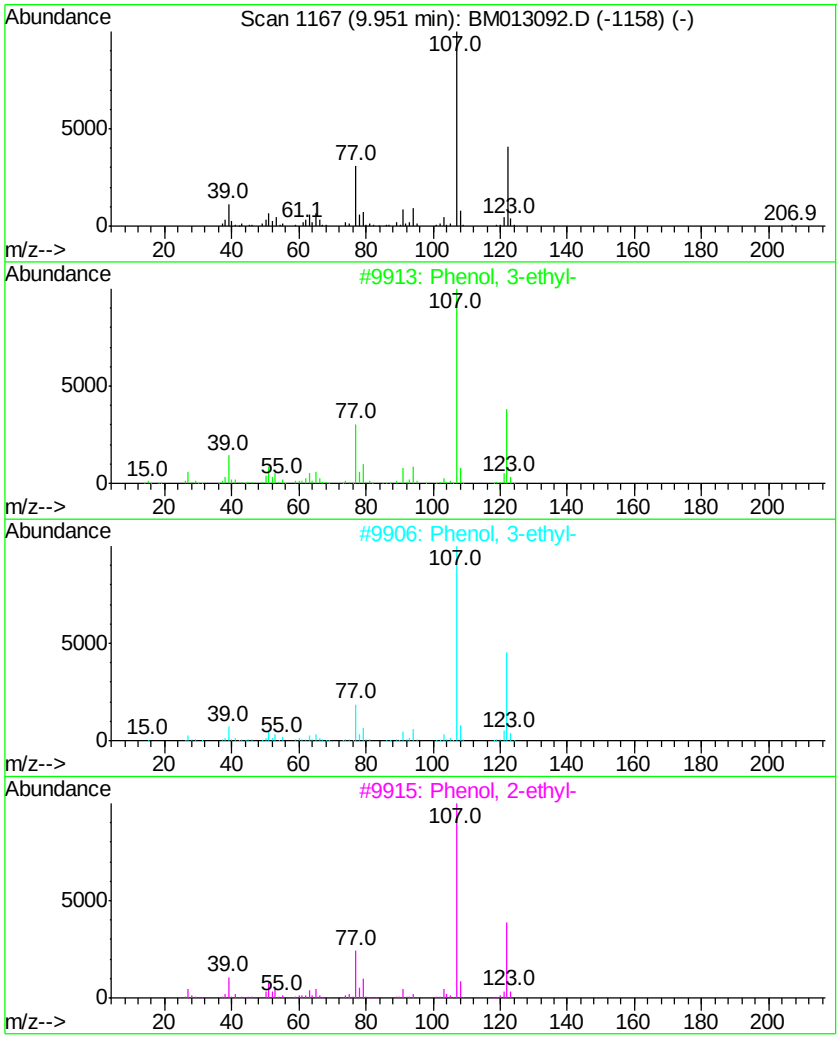
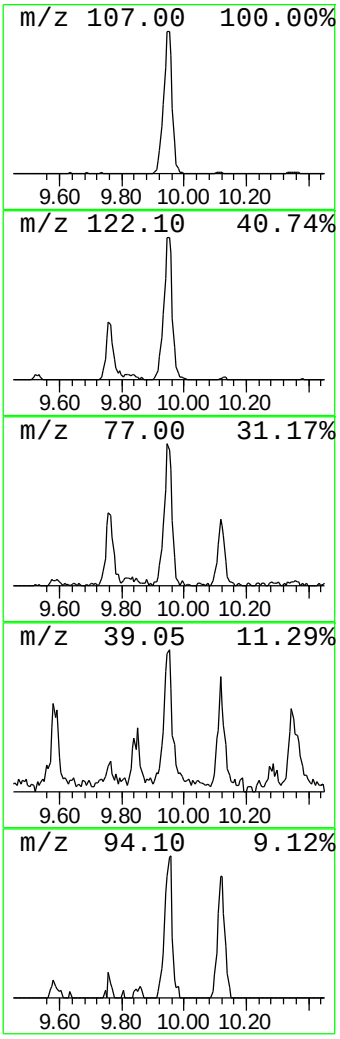
Peak Number 8 Phenol, 3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	4.75 ng/ul	487606	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





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Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

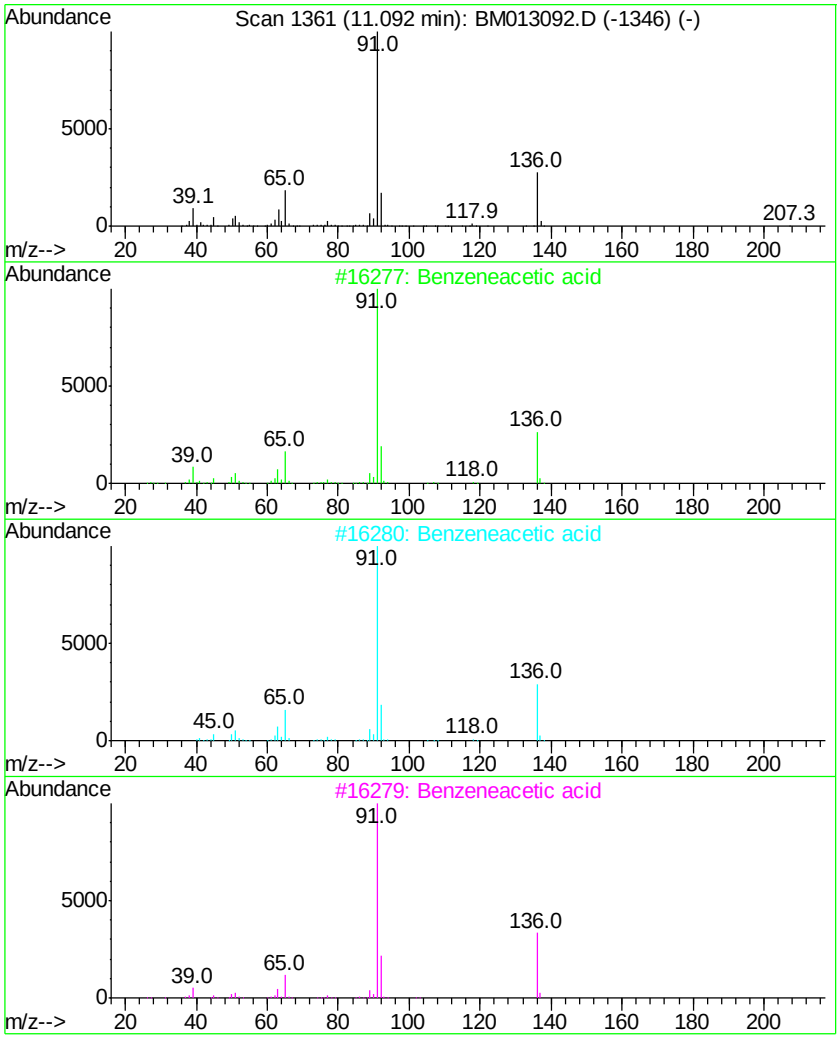
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

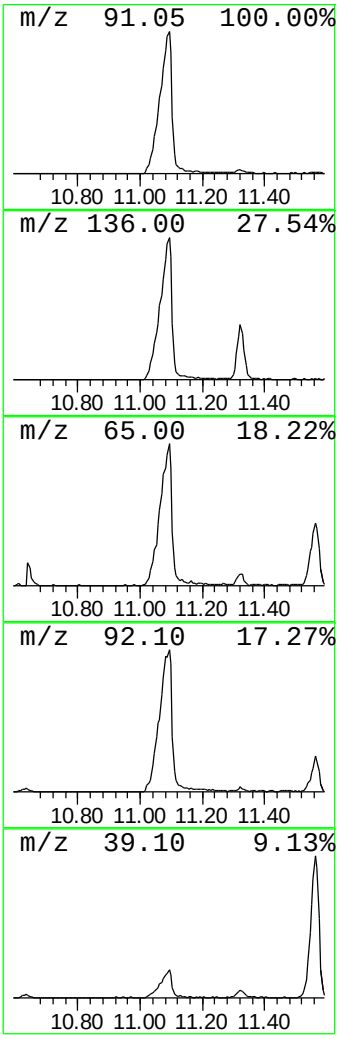
****

Peak Number 9 Benzeneacetic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	24.75 ng/ul	2538090	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	95
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	83
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	59
5	Phenylacetic acid, pent-2-en-4-y...	200	C13H12O2	1000292-61-1	53





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Acq On : 22 Nov 2017 19:08
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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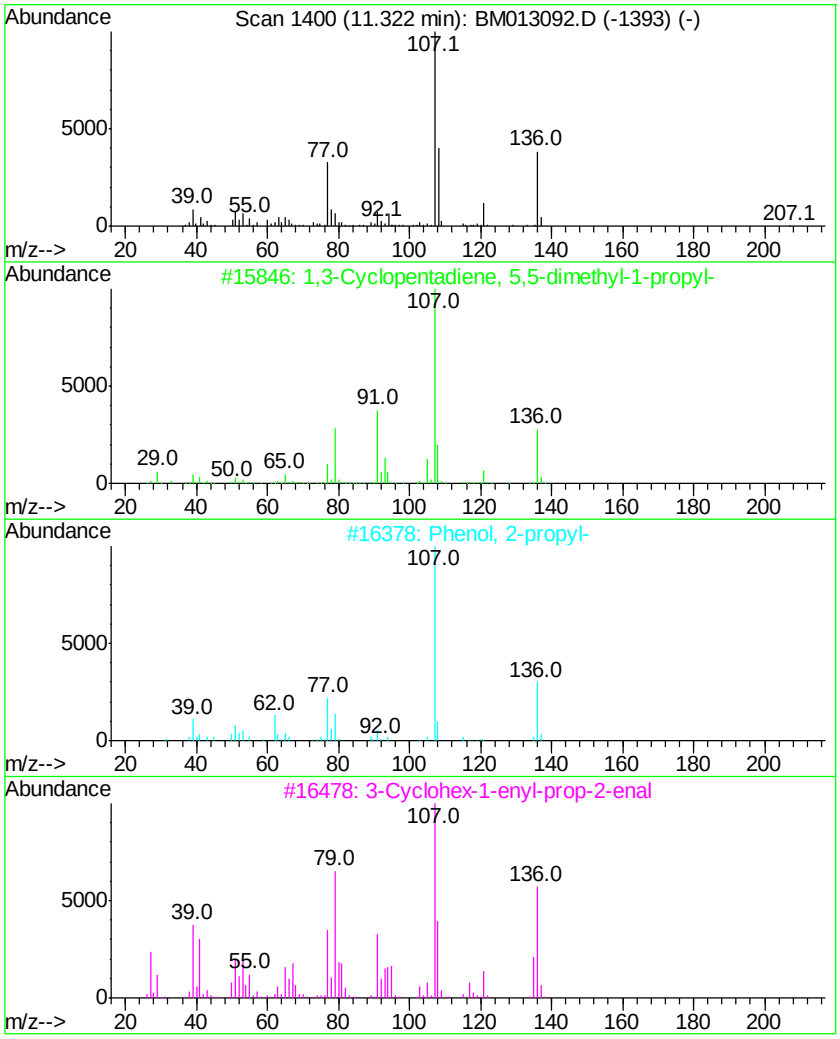
Quant Title : SVOA CALIBRATION

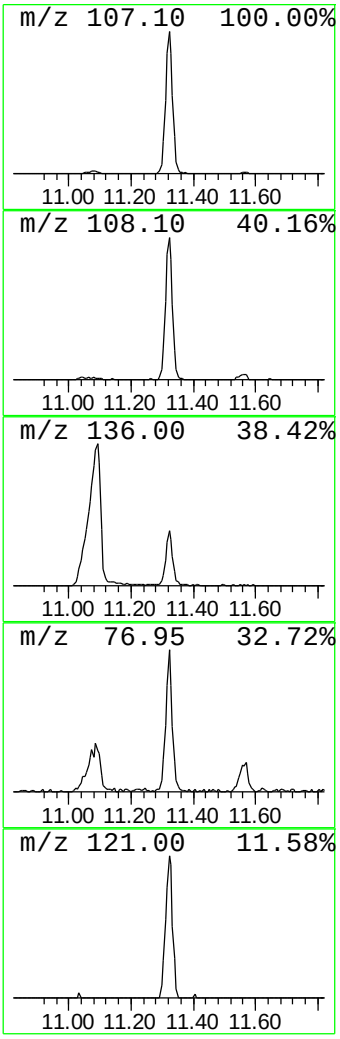
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	5.86 ng/ul	601019	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	136	C10H16	1000163-57-1	72
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
3	3-Cyclohex-1-enyl-prop-2-enal	136	C9H12O	1000193-70-2	64
4	4-Ethoxyphenethylamine	165	C10H15NO	056370-30-0	64
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64





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Sample : I6514-03
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Quant Title : SVOA CALIBRATION

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

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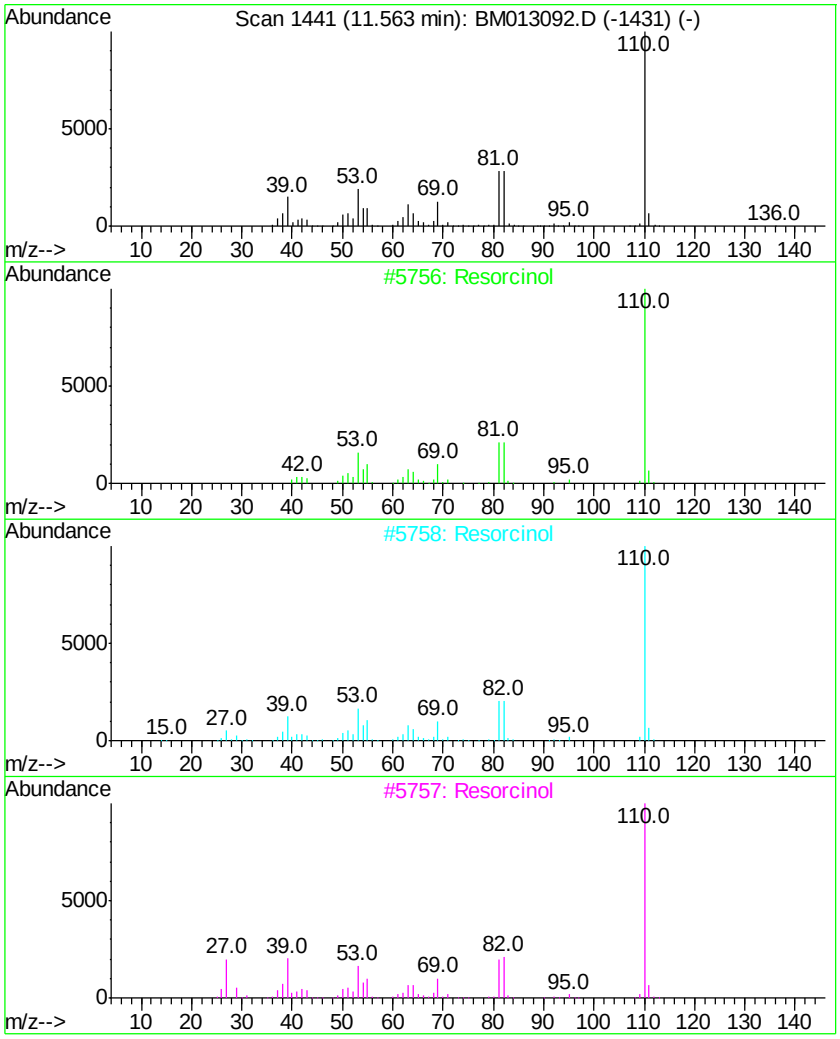
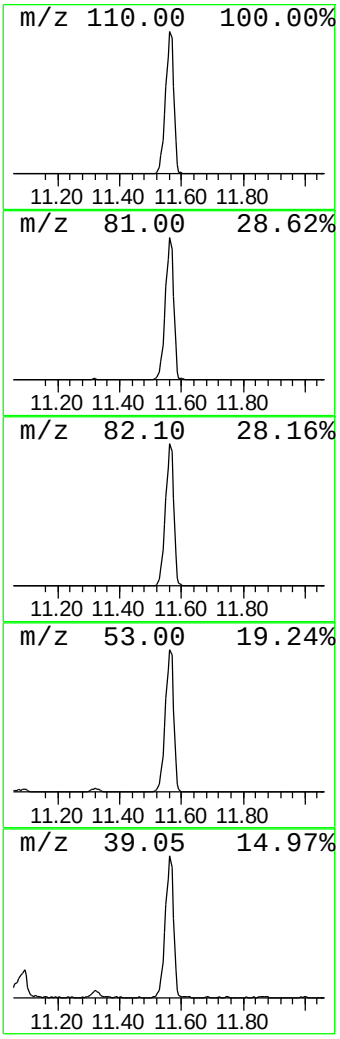
Peak Number 11 Resorcinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	66.53 ng/ul	6822630	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	97
2	Resorcinol	110	C6H6O2	000108-46-3	97
3	Resorcinol	110	C6H6O2	000108-46-3	94
4	Hydroquinone	110	C6H6O2	000123-31-9	72
5	Hydroquinone	110	C6H6O2	000123-31-9	72





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Quant Title : SVOA CALIBRATION

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

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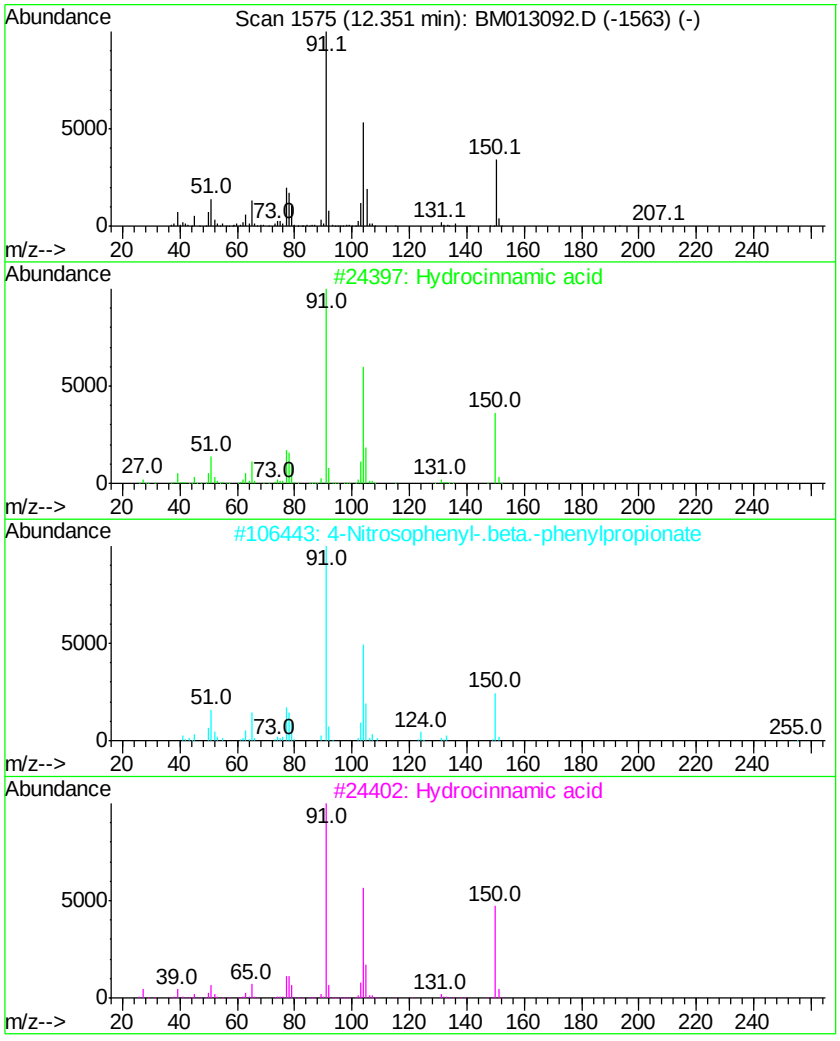
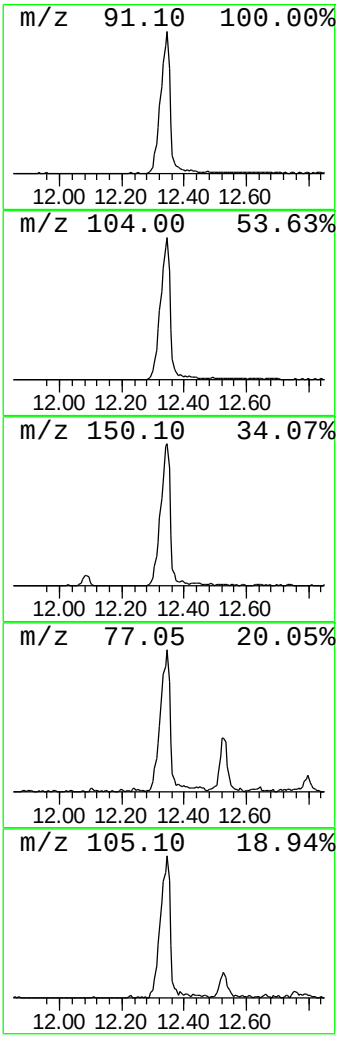
Peak Number 12 Hydrocinnamic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	19.74 ng/ul	2024830	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	91
3	Hydrocinnamic acid	150	C9H10O2	000501-52-0	87
4	Hydrocinnamic acid	150	C9H10O2	000501-52-0	86
5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	81





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ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

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

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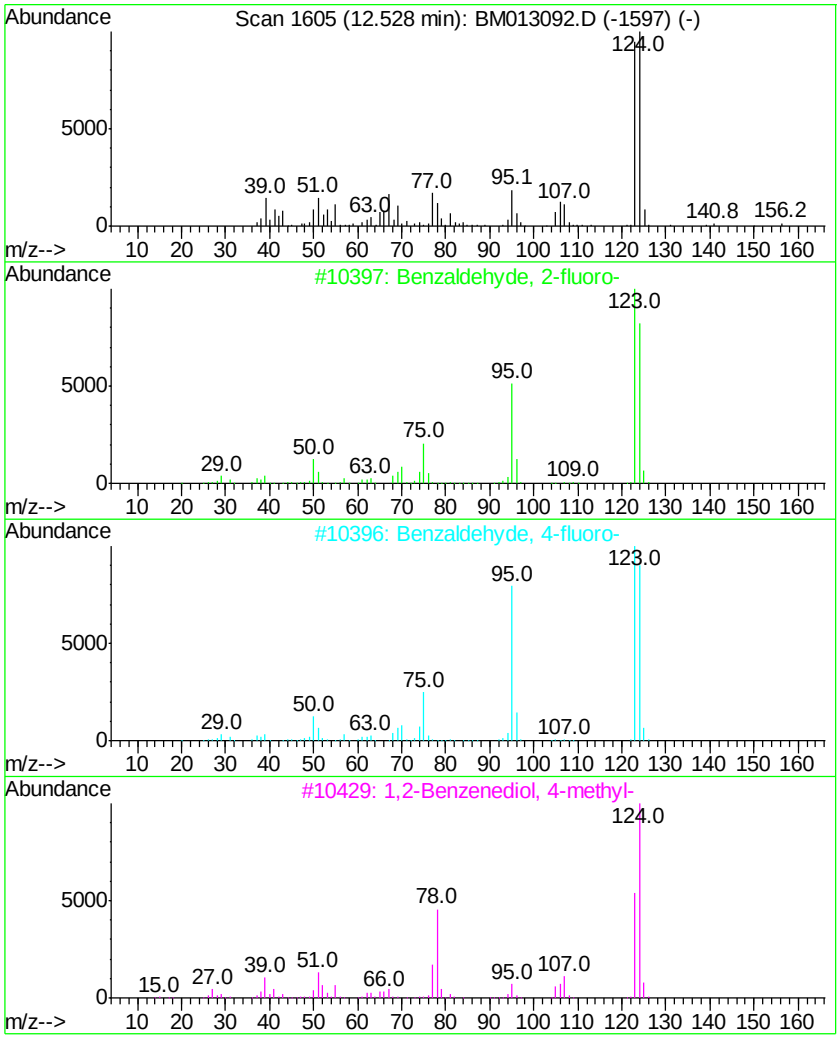
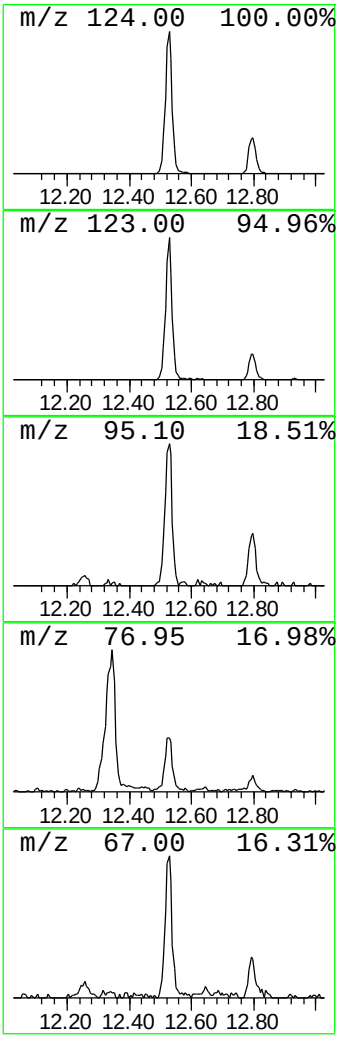
Peak Number 13 Benzaldehyde, 2-fluoro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	6.04 ng/ul	785191	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-fluoro-	124	C7H5FO	000446-52-6	80
2	Benzaldehyde, 4-fluoro-	124	C7H5FO	000459-57-4	72
3	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	70
4	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	70
5	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	70





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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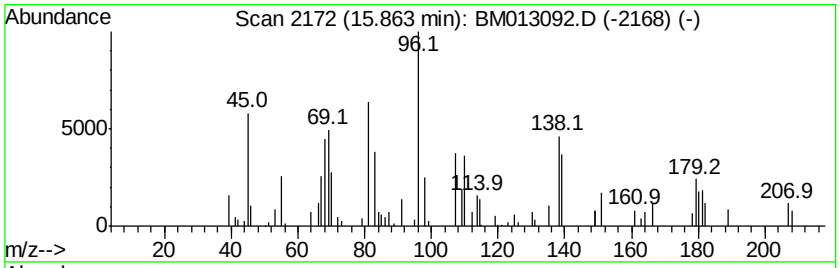
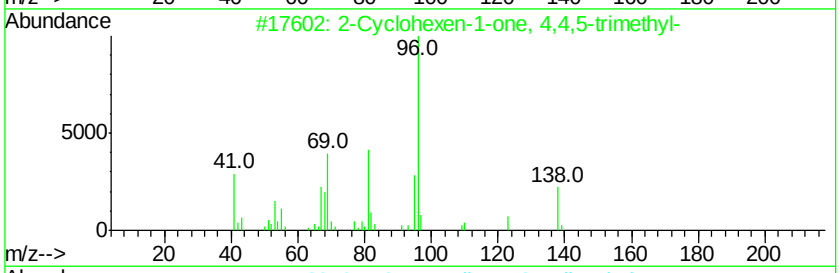
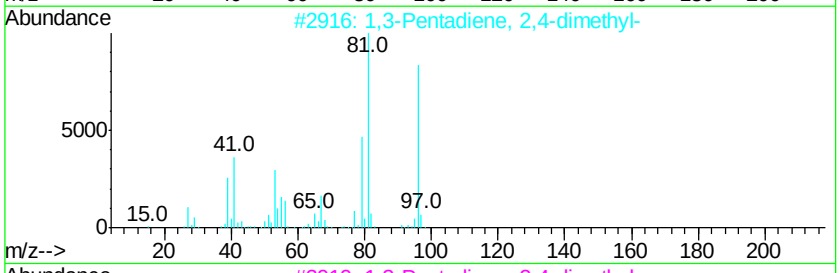
Peak Number 14 unknown-02 Concentration Rank 22

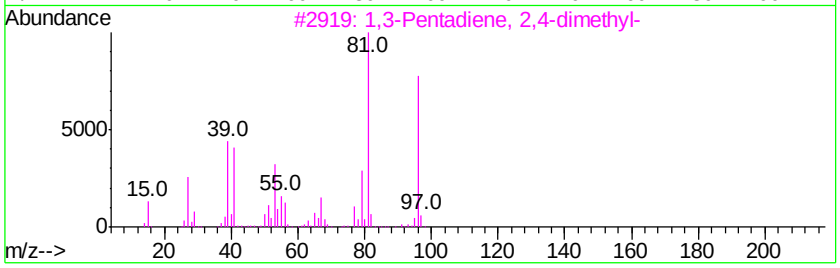
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.26 ng/ul	331021	Phenanthrene-d10	17.10

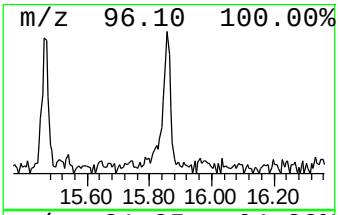
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 4,4,5-trimet...	138	C9H14O	017429-29-7	38
2	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	38
3	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	38
4	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	38
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	38

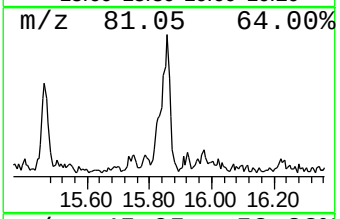


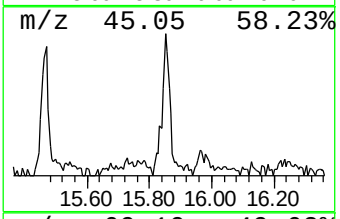


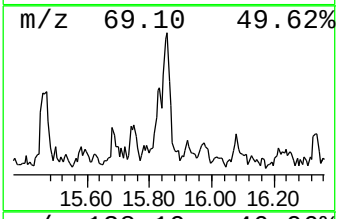


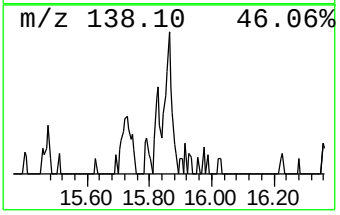












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Acq On : 22 Nov 2017 19:08
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

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Quant Title : SVOA CALIBRATION

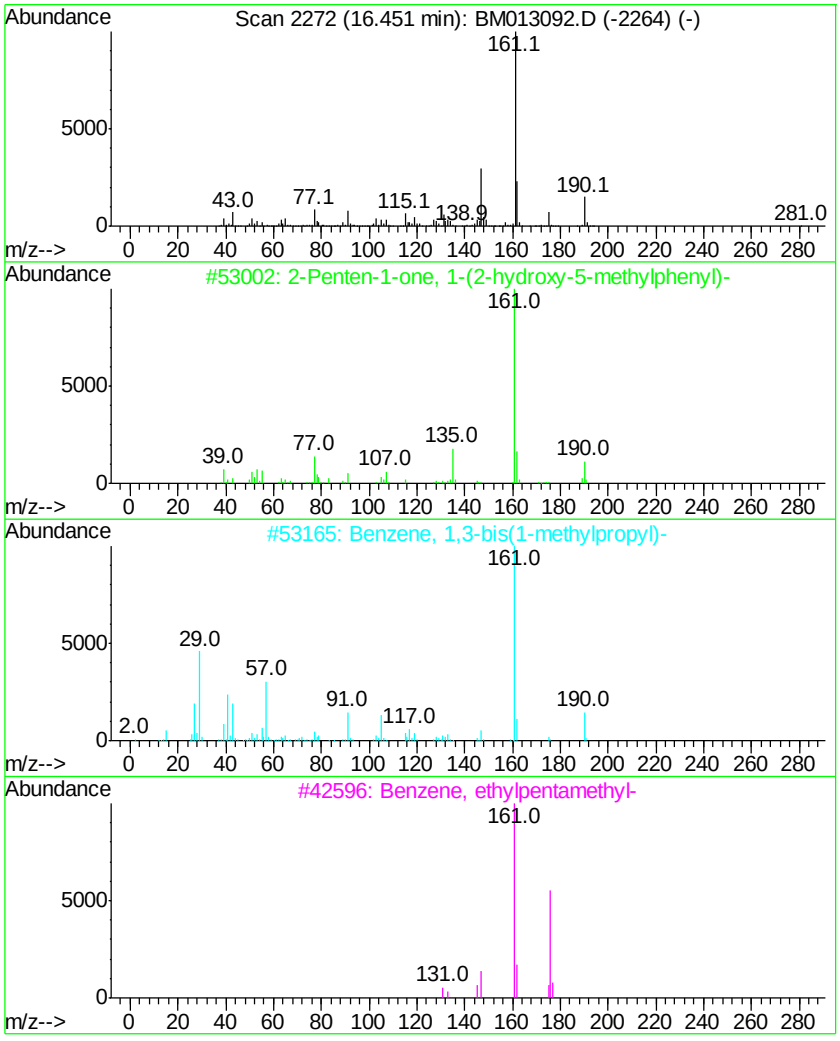
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

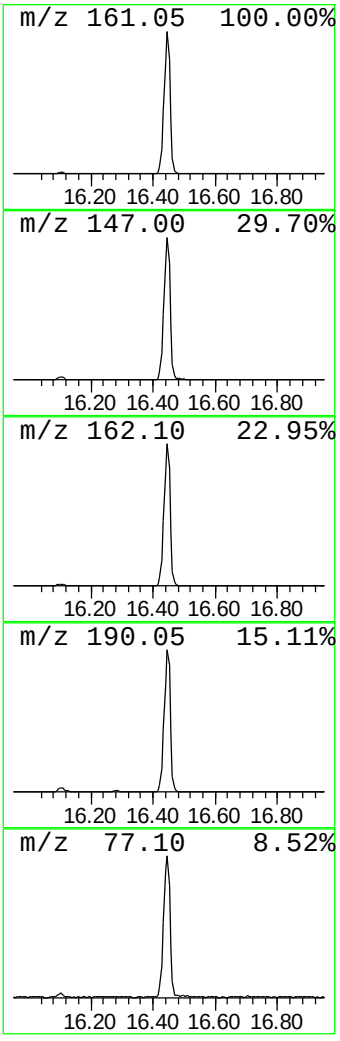
****

Peak Number 15 2-Penten-1-one, 1-(2-hydrox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	38.71 ng/ul	5658210	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Penten-1-one, 1-(2-hydroxy-5-m...	190	C12H14O2	051956-78-6	53
2	Benzene, 1,3-bis(1-methylpropyl)-	190	C14H22	001079-96-5	45
3	Benzene, ethylpentamethyl-	176	C13H20	002388-04-7	42
4	Benzeneacetaldehyde, .alpha.-met...	190	C13H18O	051407-46-6	40
5	Benzeneethanal, 4-[1,1-dimethyle...	176	C12H16O	109347-45-7	40





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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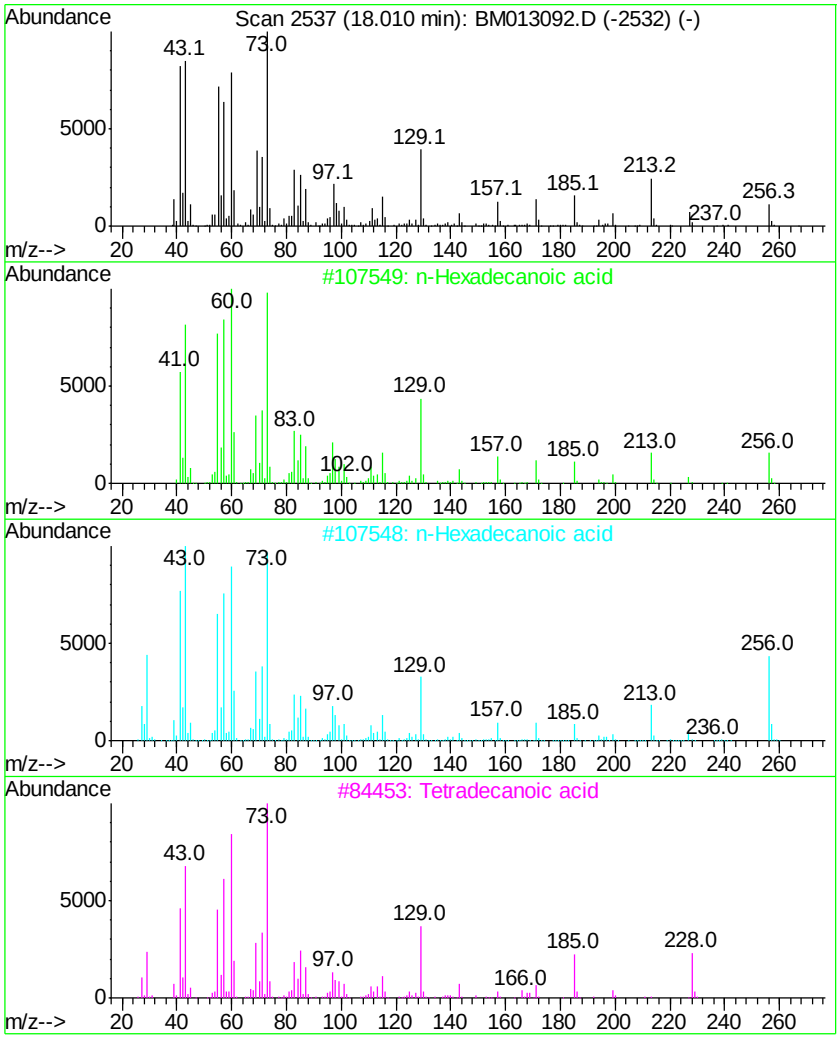
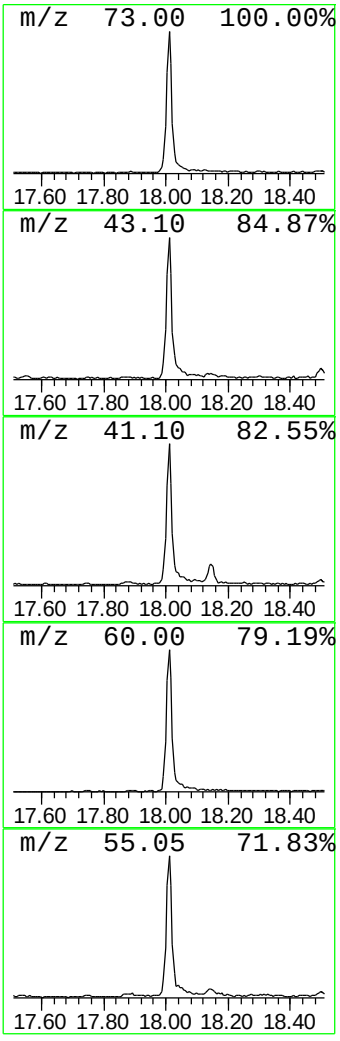
Peak Number 16 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	16.07 ng/ul	2348840	Phenanthrene-d10	17.10

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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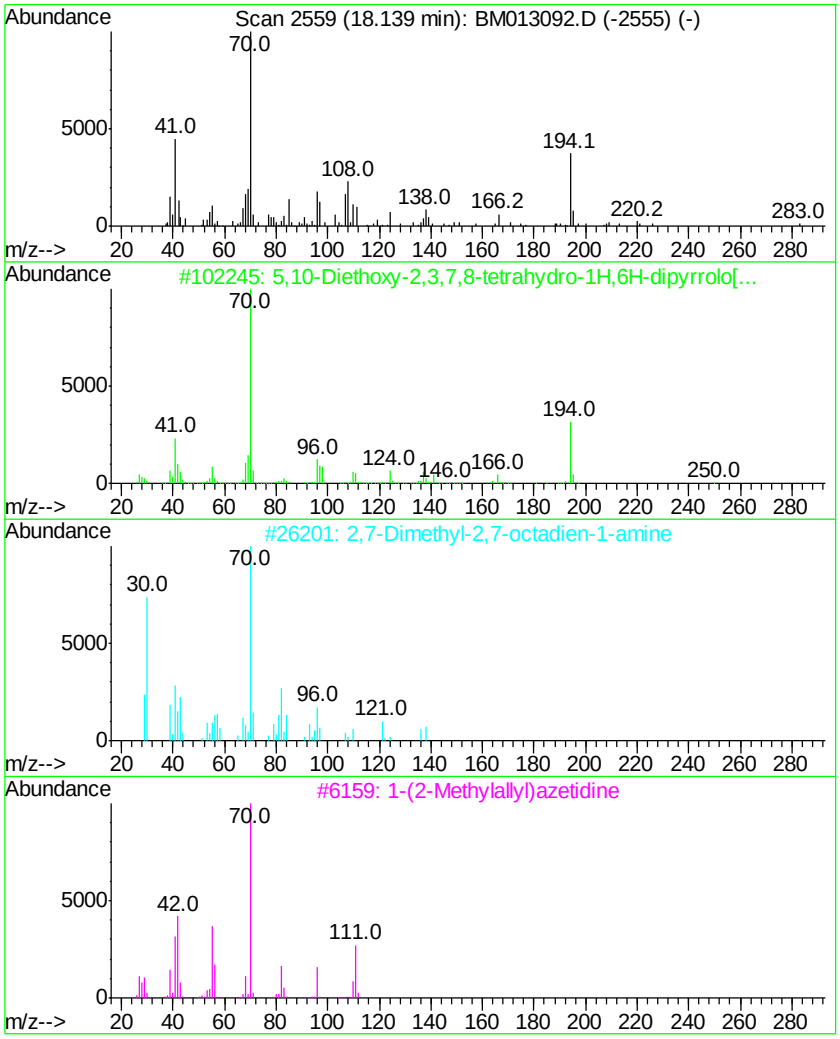
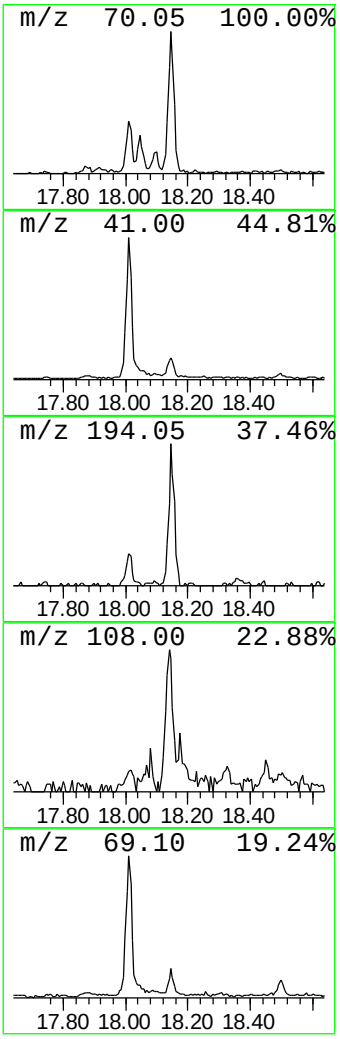
Peak Number 17 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.33 ng/ul	339883	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,10-Diethoxy-2,3,7,8-tetrahydro...	250	C14H22N2O2	1000190-75-5	45
2	2,7-Dimethyl-2,7-octadien-1-amine	153	C10H19N	077984-58-8	28
3	1-(2-Methylallyl)azetidine	111	C7H13N	1000194-99-1	25
4	Cyclohexane, (1,2,2-trimethylbut...	182	C13H26	061142-21-0	23
5	Bicyclo[3.1.1]heptan-3-ol, 2,6,6...	154	C10H18O	024041-60-9	17





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

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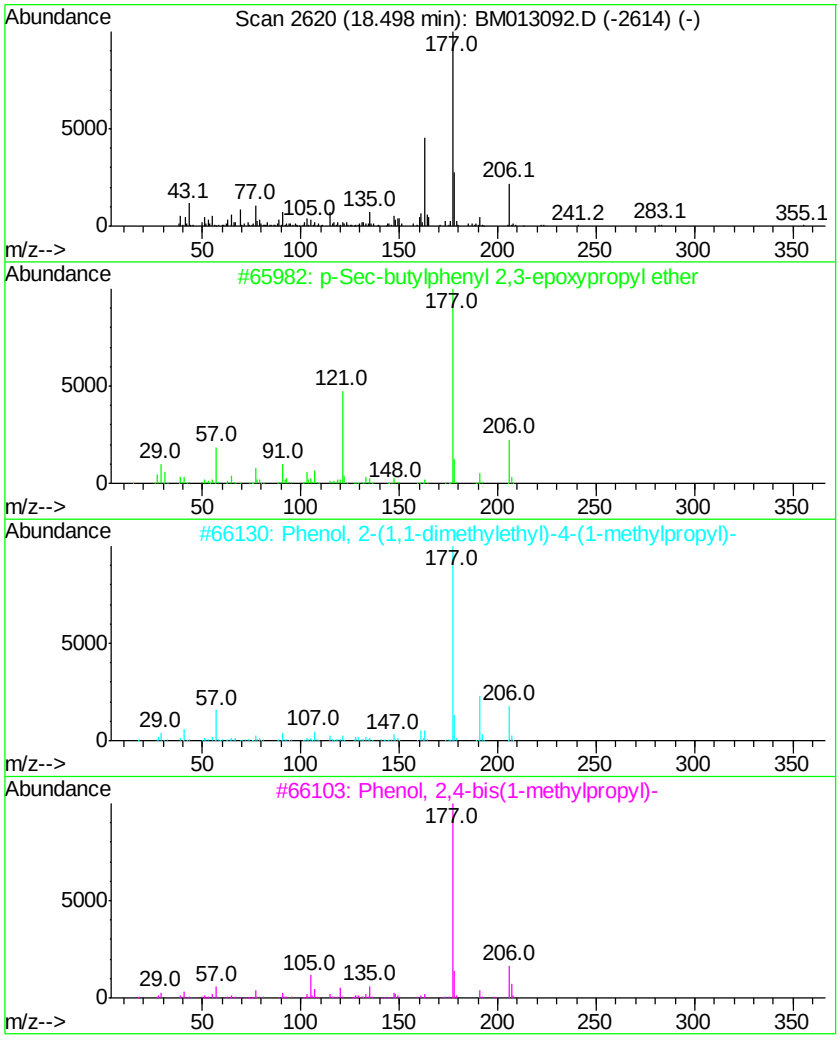
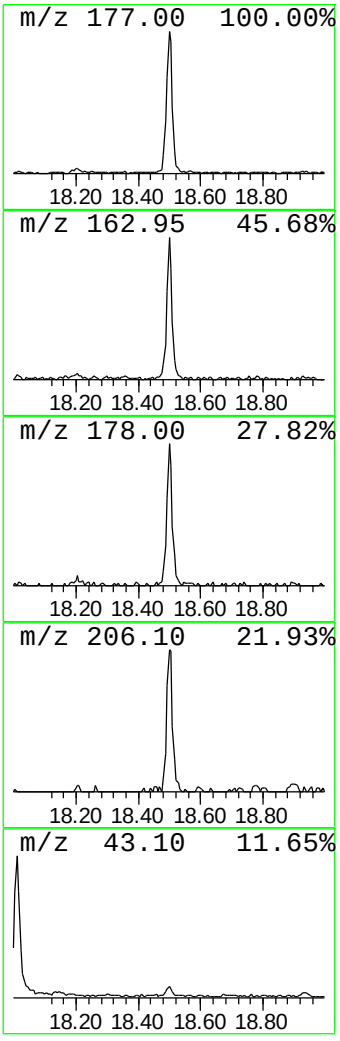
Peak Number 18 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.23 ng/ul	472871	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	47
2	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	47
3	Phenol, 2,4-bis(1-methylpropyl)-	206	C14H22O	001849-18-9	38
4	Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	38
5	2-Thiazolamine, 4-(4-pyridinyl)-	177	C8H7N3S	1000351-69-3	35





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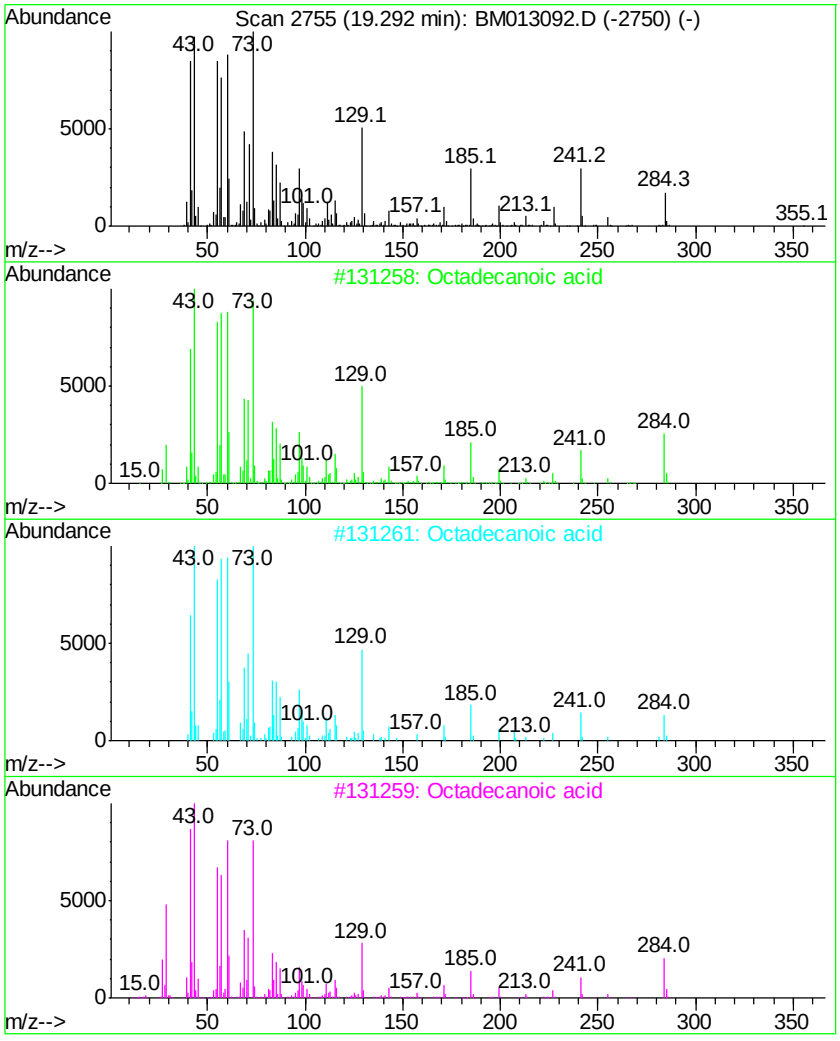
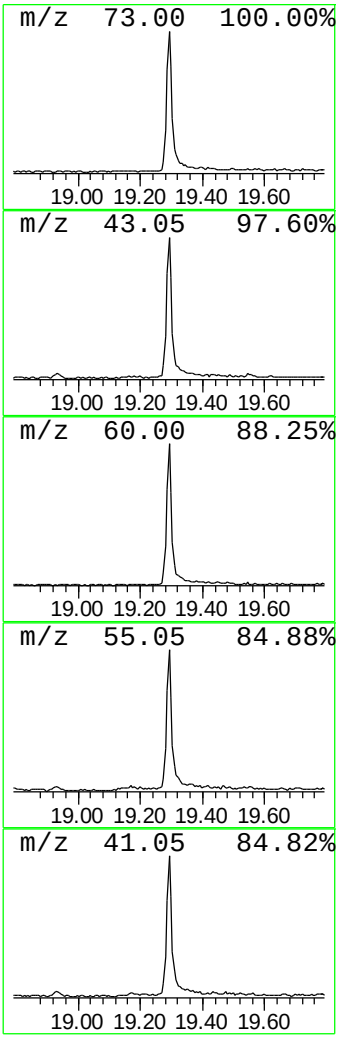
Peak Number 19 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	15.26 ng/ul	1997660	Chrysene-d12	21.28

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Data File : BM013092.D
Acq On : 22 Nov 2017 19:08
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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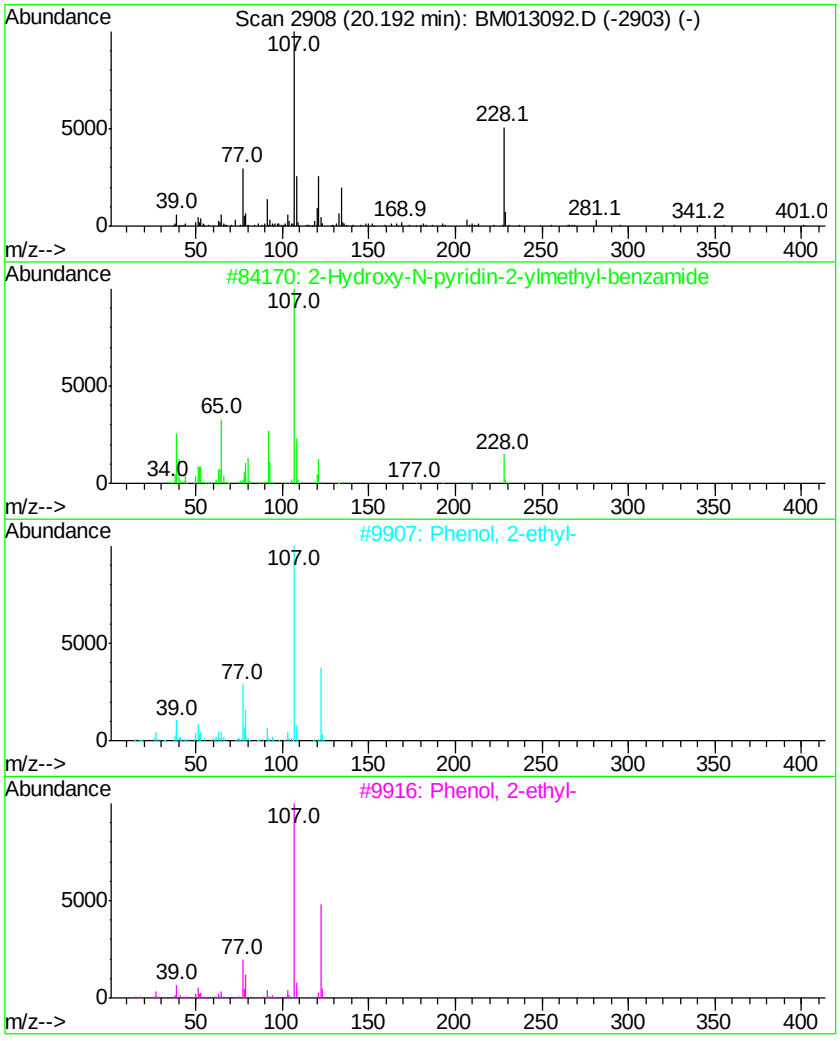
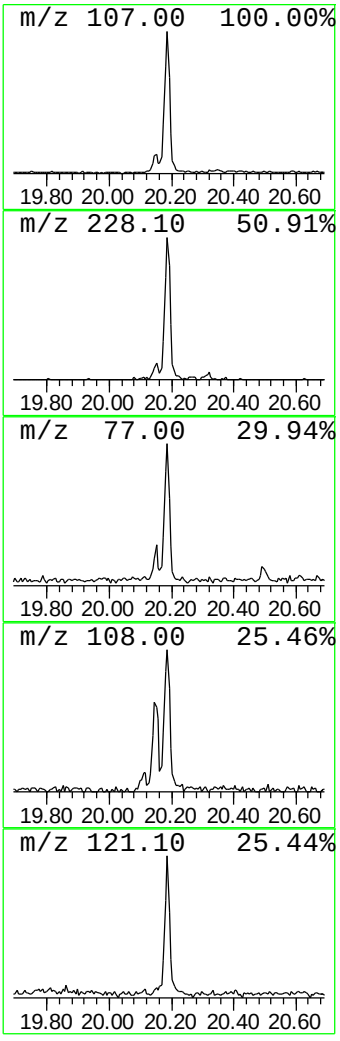
Peak Number 20 2-Hydroxy-N-pyridin-2-ylmet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.53 ng/ul	330535	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-N-pyridin-2-ylmethyl-b...	228	C13H12N2O2	1000301-00-9	64
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	43
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	38
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	38
5	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	38





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Acq On : 22 Nov 2017 19:08
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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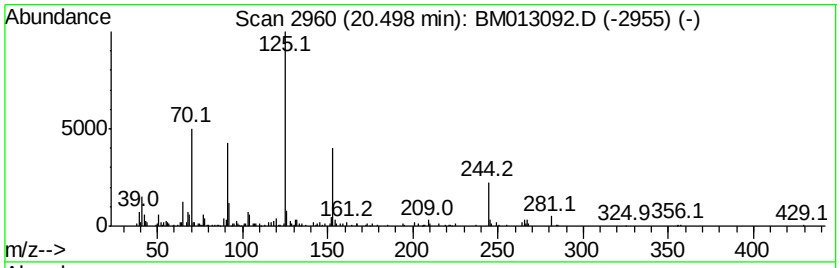
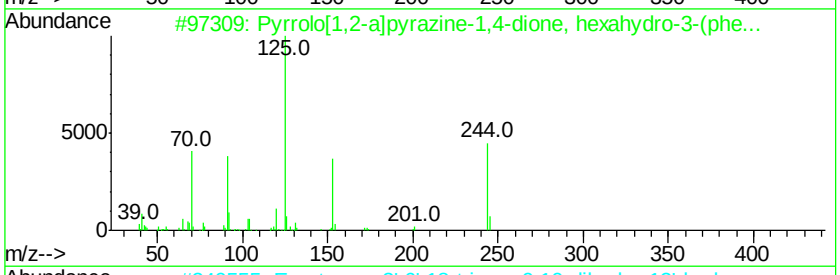
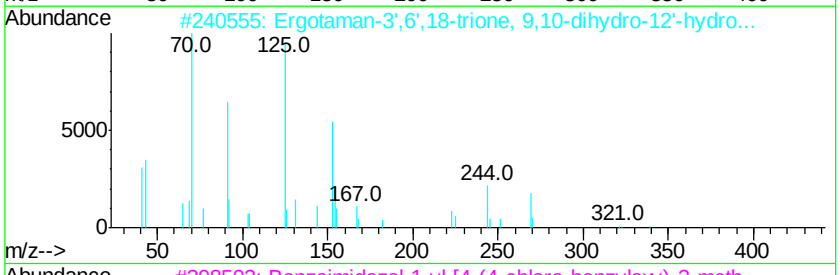
Peak Number 21 Pyrrolo[1,2-a]pyrazine-1,4-... Concentration Rank 23

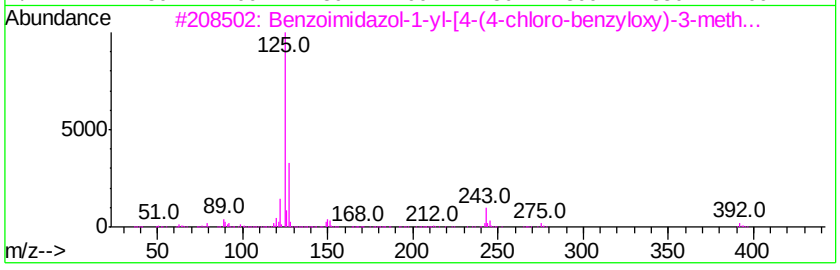
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.02 ng/ul	264825	Chrysene-d12	21.28

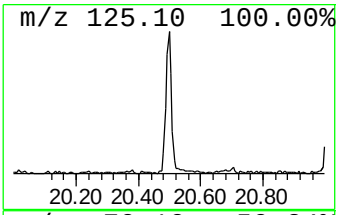
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]pyrazine-1,4-dione...	244	C14H16N2O2	014705-60-3	93
2	Ergotaman-3',6',18-trione, 9,10-...	583	C33H37N5O5	000511-12-6	40
3	Benzoimidazol-1-yl-[4-(4-chloro-...	392	C22H17ClN2O3	1000295-03-7	27
4	Benzene, 1-chloro-2-propyl-	154	C9H11Cl	001730-86-5	25
5	1-[5-Nitro-6-uracilyl]-2-[4-fluo...	277	C12H8FN3O4	343354-75-6	22

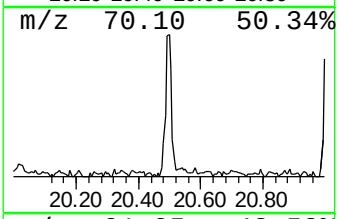


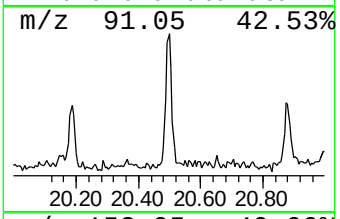


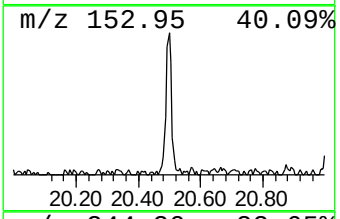


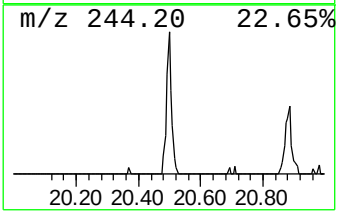












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Data File : BM013092.D
Acq On : 22 Nov 2017 19:08
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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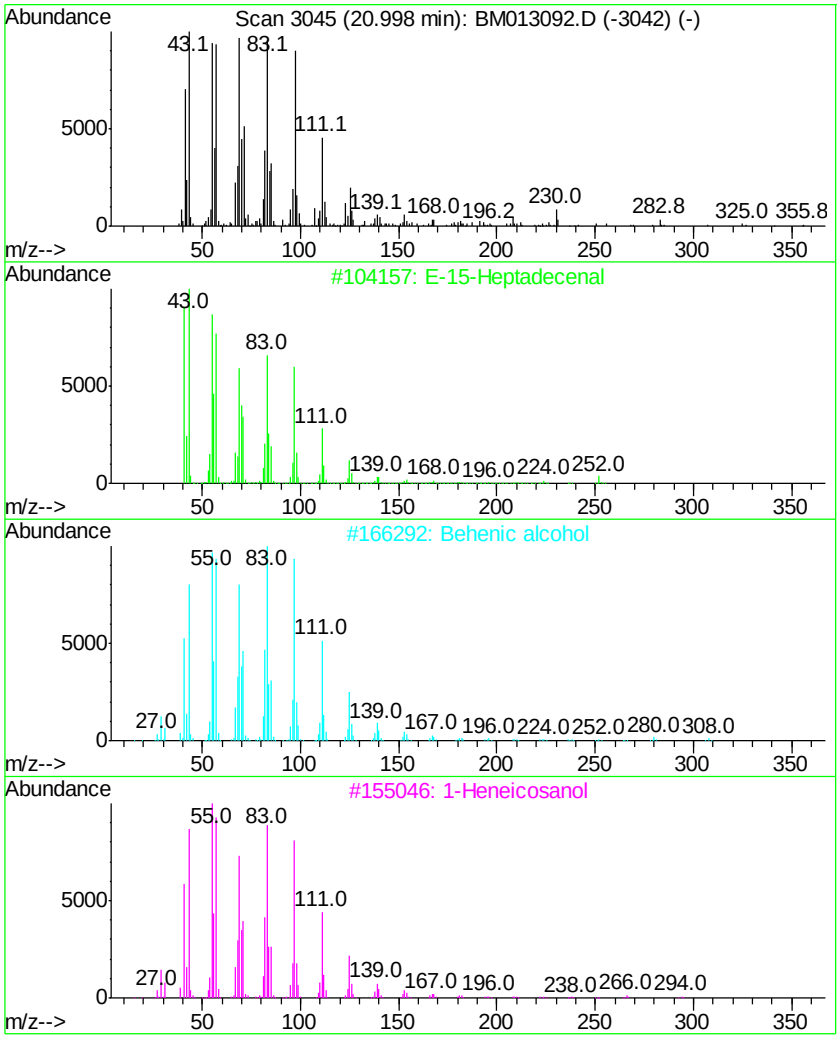
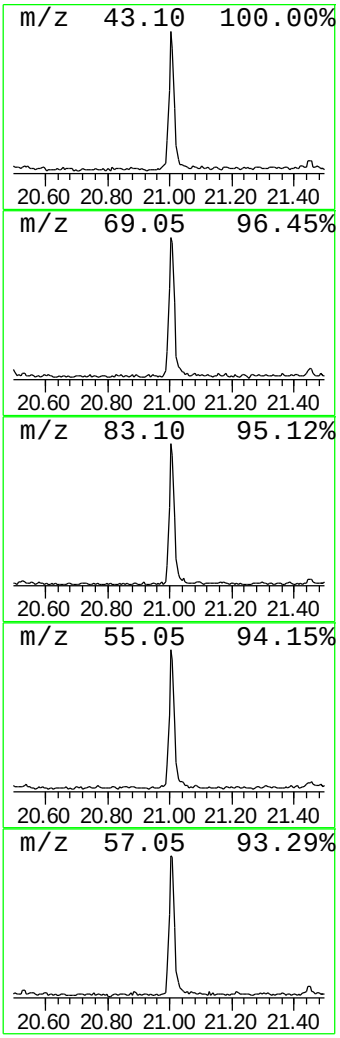
Peak Number 22 E-15-Heptadecenal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	8.54 ng/ul	1118290	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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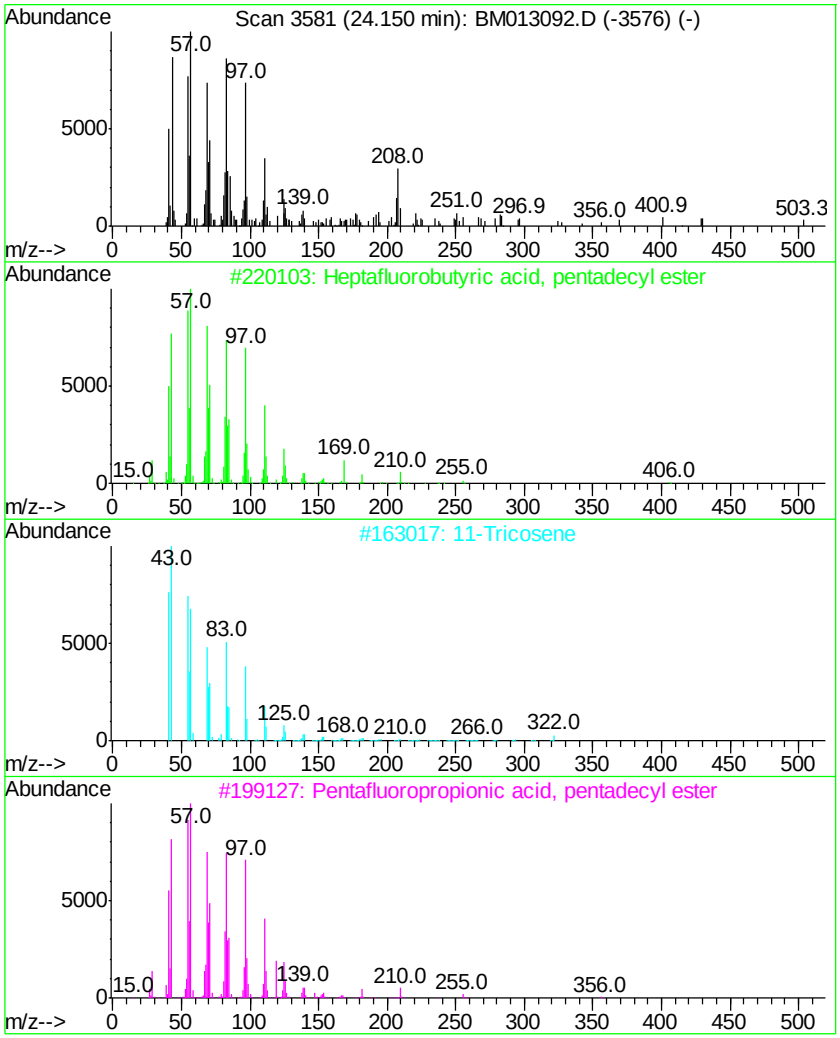
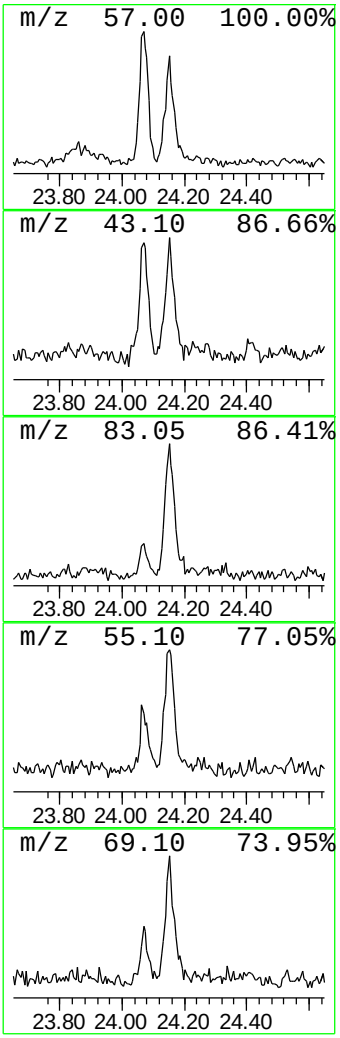
Peak Number 23 Heptafluorobutyric acid, pe... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	2.50 ng/ul	288604	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89
2	11-Tricosene	322	C23H46	052078-56-5	87
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	86
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	83
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112217\
Data File : BM013092.D
Acq On : 22 Nov 2017 19:08
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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
unknown-01	3.13	5.8	ng/ul	427558	1	7.71	1463560	20.0
Propanoic acid, 2...	3.63	18.6	ng/ul	1362310	1	7.71	1463560	20.0
Butanoic acid	3.97	23.9	ng/ul	1746100	1	7.71	1463560	20.0
Butanoic acid, 3-...	4.82	27.9	ng/ul	2043100	1	7.71	1463560	20.0
Butanoic acid, 2-...	4.96	19.5	ng/ul	1429360	1	7.71	1463560	20.0
Pentanoic acid	5.70	326.1	ng/ul	23864300	1	7.71	1463560	20.0
Cyclohexanecarbox...	9.23	26.9	ng/ul	2753760	2	10.49	2051040	20.0
Phenol, 3-ethyl-	9.95	4.8	ng/ul	487606	2	10.49	2051040	20.0
Benzeneacetic acid	11.09	24.8	ng/ul	2538090	2	10.49	2051040	20.0
1,3-Cyclopentadie...	11.32	5.9	ng/ul	601019	2	10.49	2051040	20.0
Resorcinol	11.56	66.5	ng/ul	6822630	2	10.49	2051040	20.0
Hydrocinnamic acid	12.35	19.7	ng/ul	2024830	2	10.49	2051040	20.0
Benzaldehyde, 2-f...	12.53	6.0	ng/ul	785191	3	14.35	2598340	20.0
unknown-02	15.86	2.3	ng/ul	331021	4	17.10	2923670	20.0
2-Penten-1-one, 1...	16.45	38.7	ng/ul	5658210	4	17.10	2923670	20.0
n-Hexadecanoic acid	18.01	16.1	ng/ul	2348840	4	17.10	2923670	20.0
unknown-03	18.14	2.3	ng/ul	339883	4	17.10	2923670	20.0
unknown-04	18.50	3.2	ng/ul	472871	4	17.10	2923670	20.0
Octadecanoic acid	19.29	15.3	ng/ul	1997660	5	21.28	2617800	20.0
2-Hydroxy-N-pyrid...	20.19	2.5	ng/ul	330535	5	21.28	2617800	20.0
Pyrrolo[1,2-a]pyr...	20.50	2.0	ng/ul	264825	5	21.28	2617800	20.0
E-15-Heptadecenal	21.00	8.5	ng/ul	1118290	5	21.28	2617800	20.0
Heptafluorobutyri...	24.15	2.5	ng/ul	288604	6	23.51	2305520	20.0