LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012625.D
Acq On : 01 Nov 2017 04:55
Operator : SJ/JU
Sample : I5873-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

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-BM102417.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	3.128	3	7	17	rVB	483265	643769	3.66%	0.316%
2	3.357	40	46	53	rVB2	136191	266035	1.51%	0.130%
3	3.852	125	130	139	rBV	707980	921459	5.24%	0.452%
4	4.987	318	323	332	rVB	155291	230120	1.31%	0.113%
5	5.069	332	337	350	rBV	234252	382238	2.17%	0.187%
6	5.375	384	389	396	rVB	400135	602995	3.43%	0.296%
7	6.351	548	555	562	rBV	194456	316891	1.80%	0.155%
8	6.840	630	638	642	rBV	107055	207891	1.18%	0.102%
9	7.028	660	670	685	rVB2	1840610	3617035	20.58%	1.773%
10	7.187	691	697	703	rBV	1292755	1973861	11.23%	0.967%
11	7.387	725	731	740	rVB	1798940	2878883	16.38%	1.411%
12	7.851	801	810	817	rBV	1353723	2174340	12.37%	1.066%
13	7.934	817	824	830	rVV	156057	325080	1.85%	0.159%
14	8.092	845	851	866	rVB2	187007	400180	2.28%	0.196%
15	8.563	921	931	939	rBV	1630651	2726047	15.51%	1.336%
16	9.010	1000	1007	1015	rBV	1700846	2732086	15.54%	1.339%
17	9.151	1023	1031	1041	rVB	164327	313322	1.78%	0.154%
18	9.428	1072	1078	1083	rBV	1201068	1844425	10.49%	0.904%
19	9.475	1083	1086	1092	rVB	234491	357135	2.03%	0.175%
20	9.728	1122	1129	1136	rBV	1477913	2511452	14.29%	1.231%
21	10.269	1211	1221	1230	rBV	2380115	4053002	23.06%	1.986%
22	10.645	1276	1285	1291	rBV	1897064	3248813	18.48%	1.592%
23	10.781	1301	1308	1330	rVB	644217	1356370	7.72%	0.665%
24	11.922	1496	1502	1508	rBV	3001788	4277476	24.34%	2.096%
25	11.992	1509	1514	1518	rVV	140439	253947	1.44%	0.124%
26	12.057	1518	1525	1533	rVB	4208134	6686980	38.04%	3.277%
27	12.422	1582	1587	1598	rBV2	104547	222672	1.27%	0.109%
28	12.998	1677	1685	1695	rBV	919915	1430270	8.14%	0.701%
29	13.310	1734	1738	1745	rVB2	128065	193027	1.10%	0.095%
30	13.892	1828	1837	1842	rBV	4376567	6056285	34.46%	2.968%
31	13.939	1842	1845	1849	rVB	230076	288858	1.64%	0.142%
32	14.180	1880	1886	1903	rVB	5075718	8038197	45.73%	3.939%
33	14.386	1917	1921	1926	rVB	135908	181312	1.03%	0.089%
34	14.486	1930	1938	1945	rVV2	2963137	4661042	26.52%	2.284%

LSC Area Percent Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

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-BM102417.M
Title : SVOA CALIBRATION

35	14.551	1945	1949	1956	rVB	133305	223965	1.27%	0.110%
36	14.698	1967	1974	1983	rBV	1816276	2913353	16.57%	1.428%
37	14.839	1993	1998	2002	rBV	411035	595938	3.39%	0.292%
38	14.904	2002	2009	2014	rVB2	261896	529373	3.01%	0.259%
39	15.127	2040	2047	2051	rBV7	85132	212439	1.21%	0.104%
40	15.333	2080	2082	2094	rVB2	121279	203387	1.16%	0.100%
41	15.480	2101	2107	2113	rBV	6913877	9504201	54.07%	4.658%
42	15.533	2113	2116	2123	rVV2	195778	279500	1.59%	0.137%
43	15.604	2123	2128	2135	rBV	1151043	1715671	9.76%	0.841%
44	15.704	2141	2145	2150	rBV3	128101	269794	1.53%	0.132%
45	16.027	2197	2200	2212	rVB7	173898	353688	2.01%	0.173%
46	16.204	2226	2230	2237	rVB5	216953	509115	2.90%	0.250%
47	16.445	2267	2271	2275	rBV2	233719	330365	1.88%	0.162%
48	16.633	2299	2303	2309	rBV2	636461	939416	5.34%	0.460%
49	16.886	2342	2346	2353	rVB	308244	447565	2.55%	0.219%
50	16.986	2360	2363	2369	rVV4	227865	273176	1.55%	0.134%
51	17.051	2370	2374	2379	rVB3	225077	329213	1.87%	0.161%
52	17.233	2399	2405	2408	rBV2	4076471	5915801	33.66%	2.899%
53	17.274	2408	2412	2416	rVV	3520201	4908996	27.93%	2.406%
54	17.333	2416	2422	2425	rVV	7064385	10558013	60.07%	5.174%
55	17.362	2425	2427	2432	rVB	1109443	1304803	7.42%	0.639%
56	17.510	2449	2452	2456	rBV	239316	315226	1.79%	0.154%
57	17.610	2465	2469	2481	rBV2	2302922	4043718	23.01%	1.982%
58	17.933	2520	2524	2529	rVB	455442	588681	3.35%	0.289%
59	18.139	2550	2559	2567	rBV2	11148585	17576824	100.00%	8.614%
60	18.298	2582	2586	2590	rBV3	623203	1087694	6.19%	0.533%
61	18.645	2642	2645	2653	rVB2	908447	1508708	8.58%	0.739%
62	19.286	2749	2754	2761	rVB	8976538	12175060	69.27%	5.967%
63	19.409	2770	2775	2784	rBV2	7140004	10020261	57.01%	4.911%
64	19.621	2803	2811	2814	rBV2	10442294	17297477	98.41%	8.477%
65	19.651	2814	2816	2821	rVB	7181307	7929955	45.12%	3.886%
66	21.315	3097	3099	3104	rVB	3538741	3609684	20.54%	1.769%
67	21.403	3109	3114	3118	rBV3	6575732	12611666	71.75%	6.181%
68	23.568	3479	3482	3487	rVB2	4501386	6586317	37.47%	3.228%

Sum of corrected areas: 204042538

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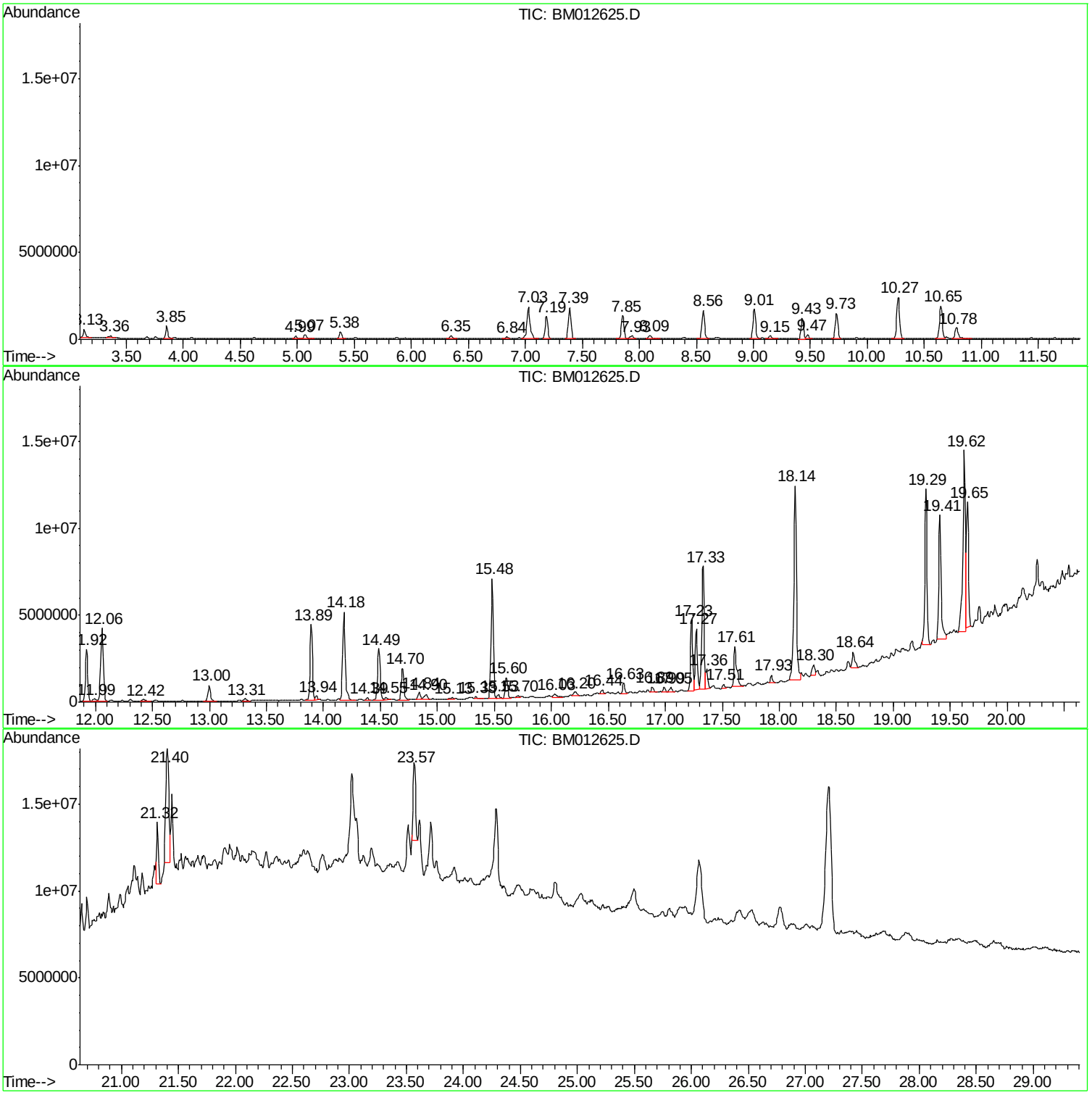
Instrument :
BNA_M
ClientSampleId :
B-18(0-1)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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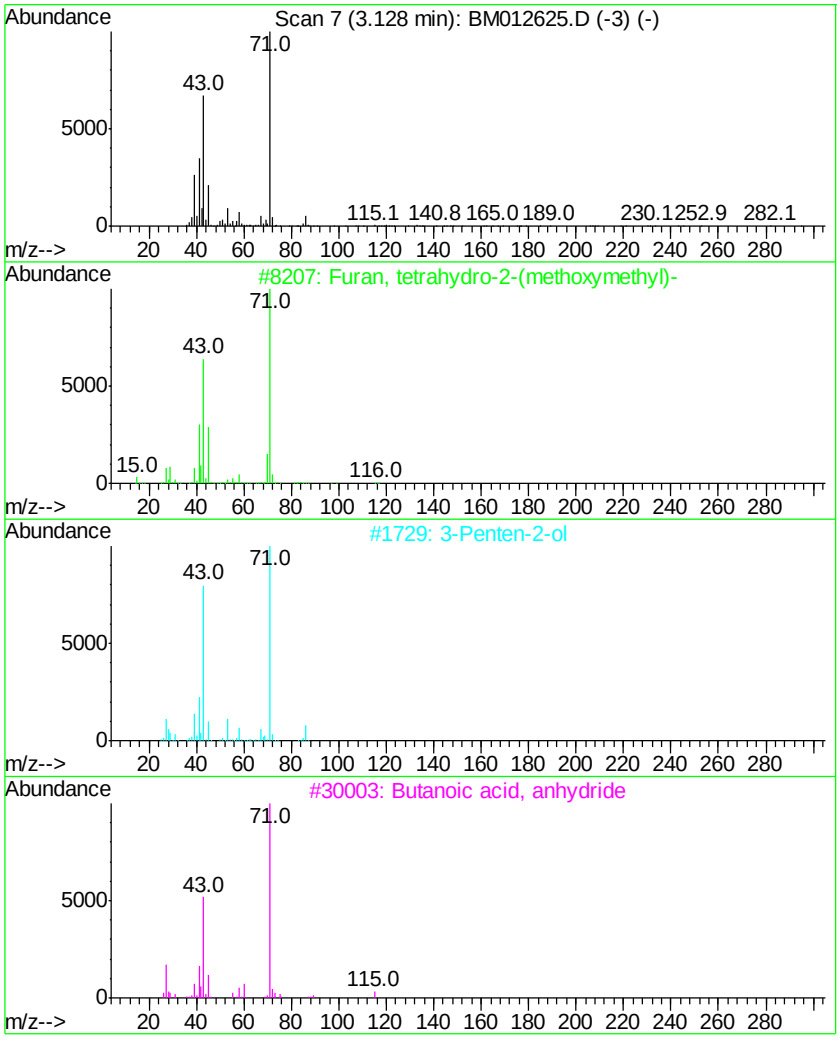
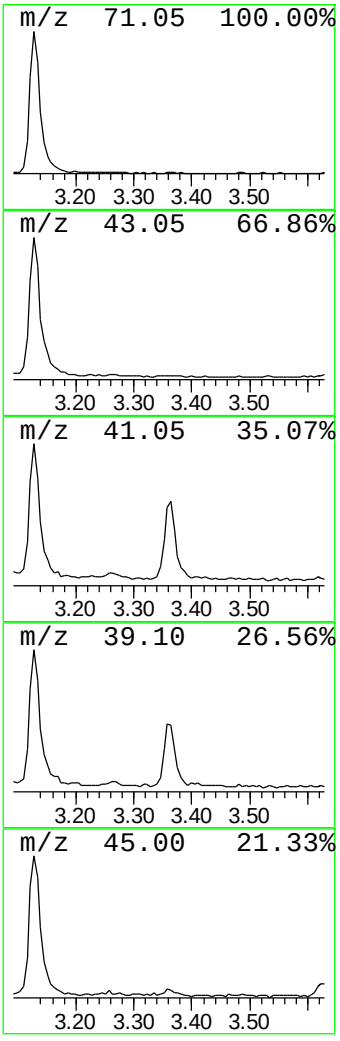
Peak Number 1 Furan, tetrahydro-2-(methox... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	5.92 ng/ul	643769	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	64
2	3-Penten-2-ol	86	C5H10O	001569-50-2	64
3	Butanoic acid, anhydride	158	C8H14O3	000106-31-0	50
4	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	50
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	45





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Sample : I5873-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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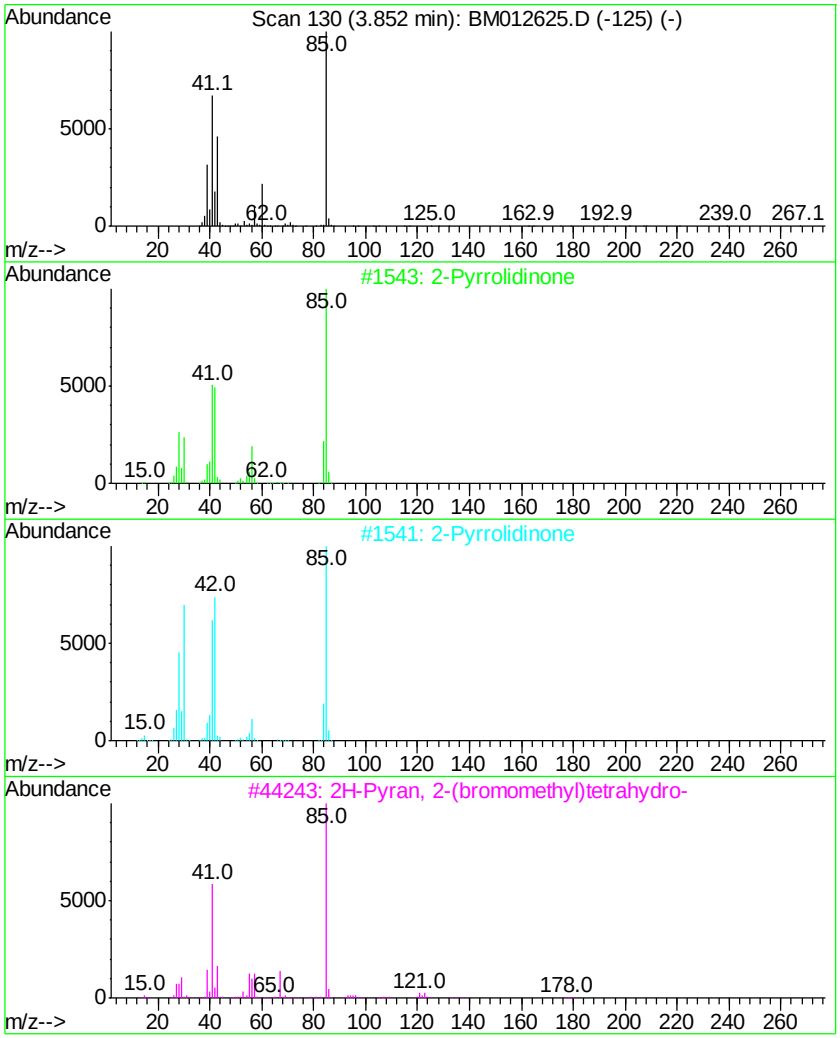
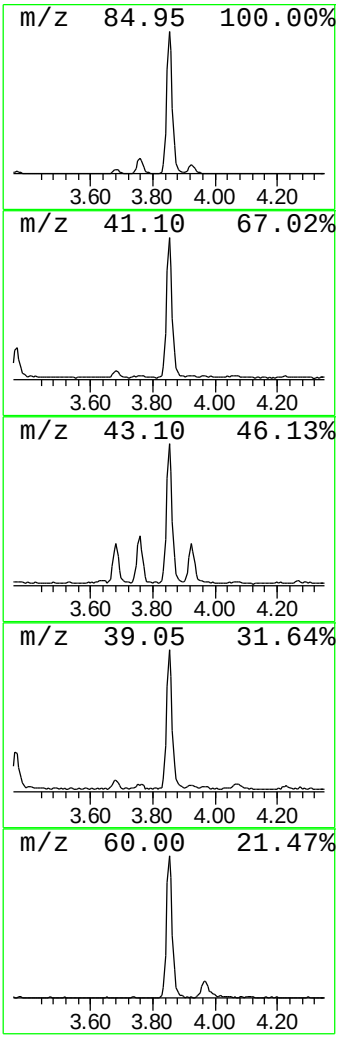
Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	8.48 ng/ul	921459	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	9
4	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	7





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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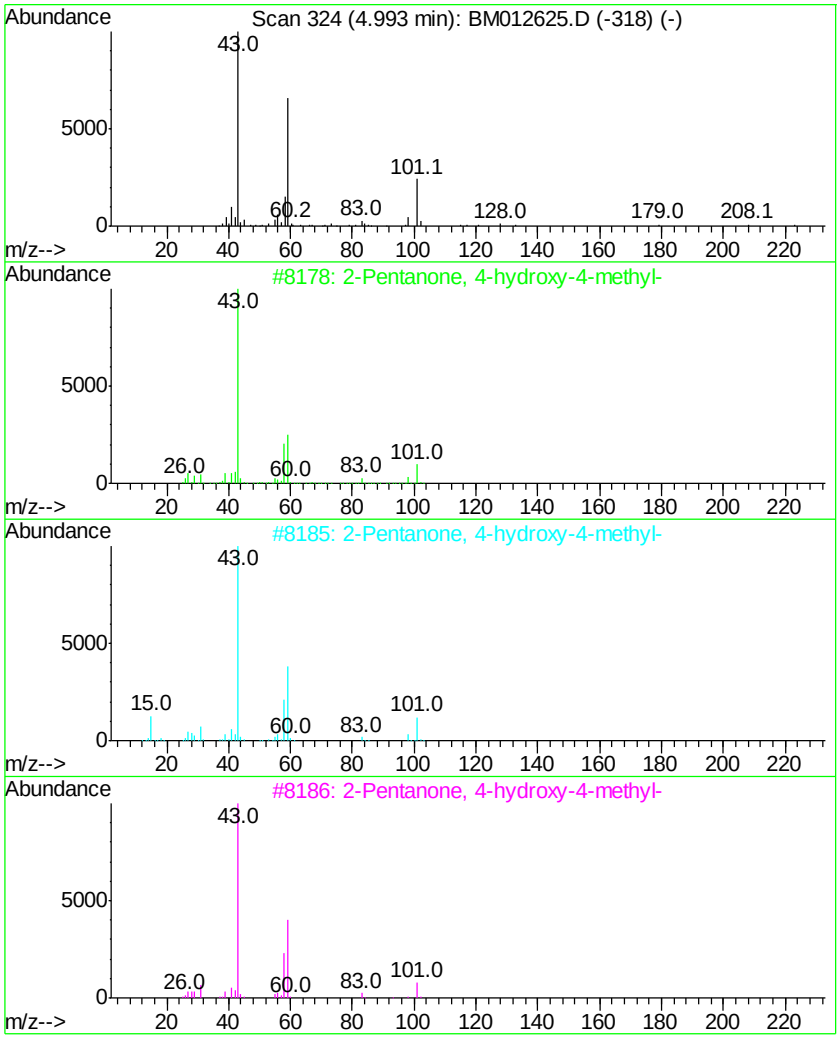
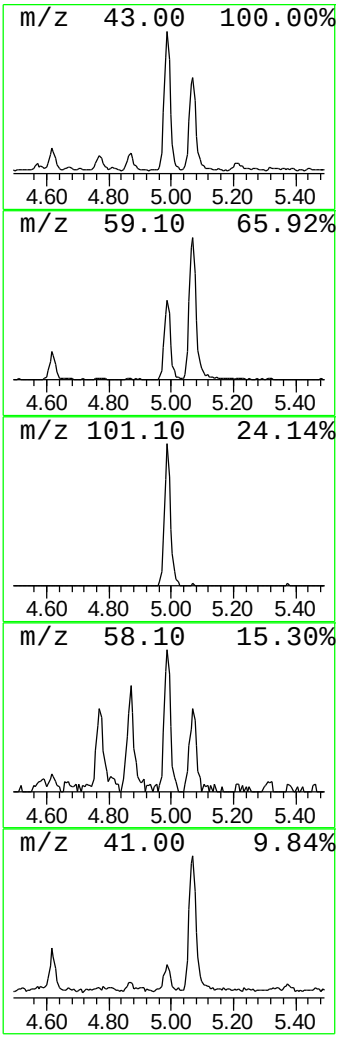
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.12 ng/ul	230120	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23





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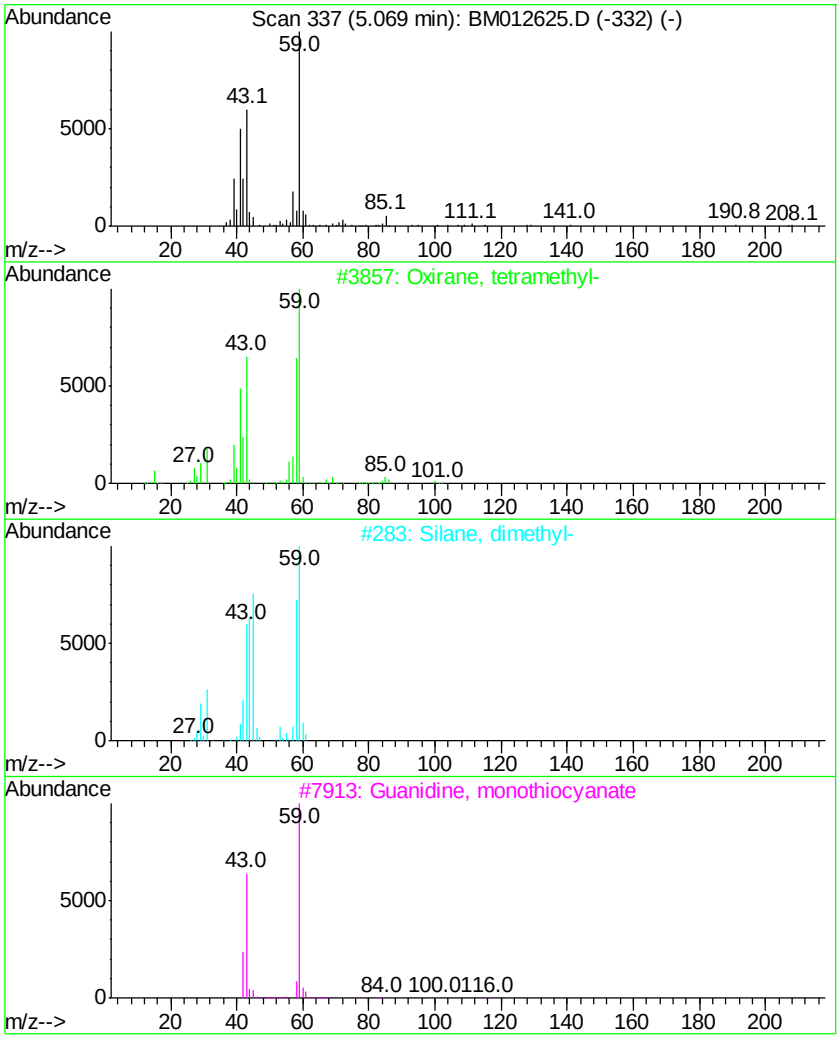
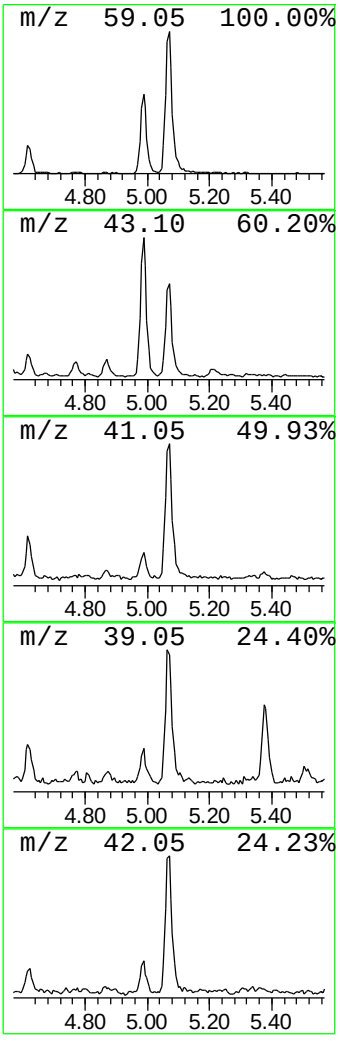
Peak Number 4 Oxirane, tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.52 ng/ul	382238	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	72
2	Silane, dimethyl-	60	C2H8Si	001111-74-6	64
3	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	64
4	Cycloserine	102	C3H6N2O2	000068-41-7	59
5	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	59





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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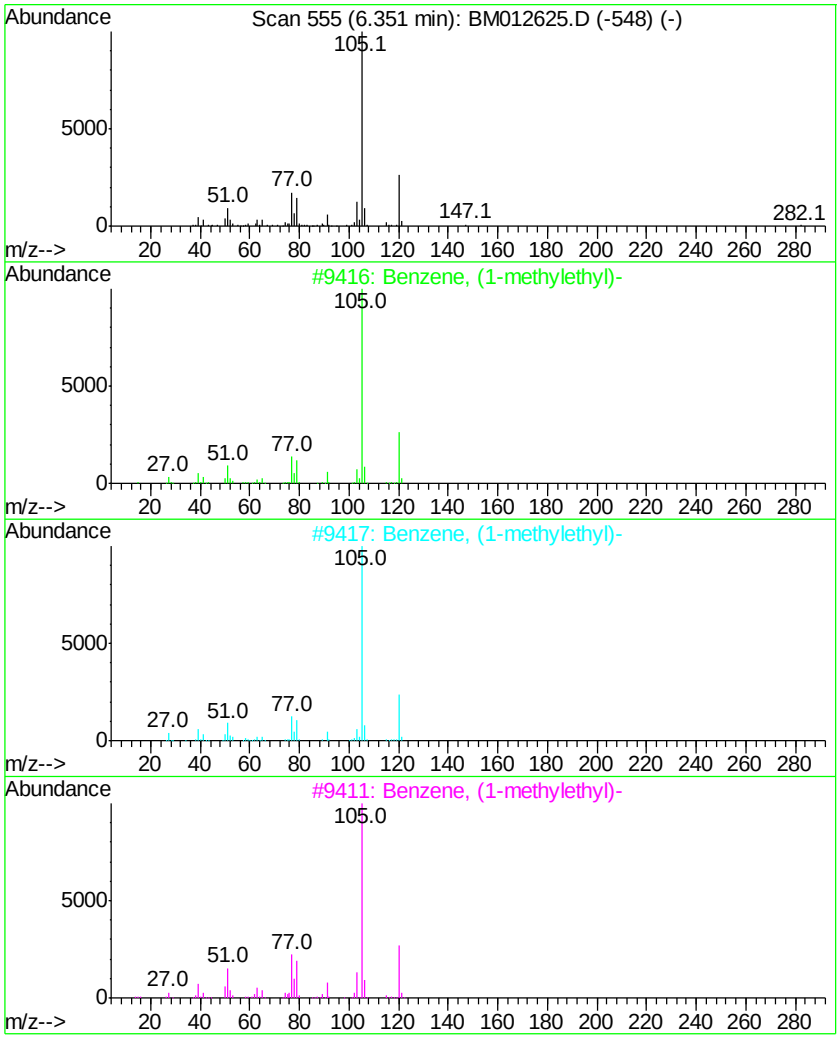
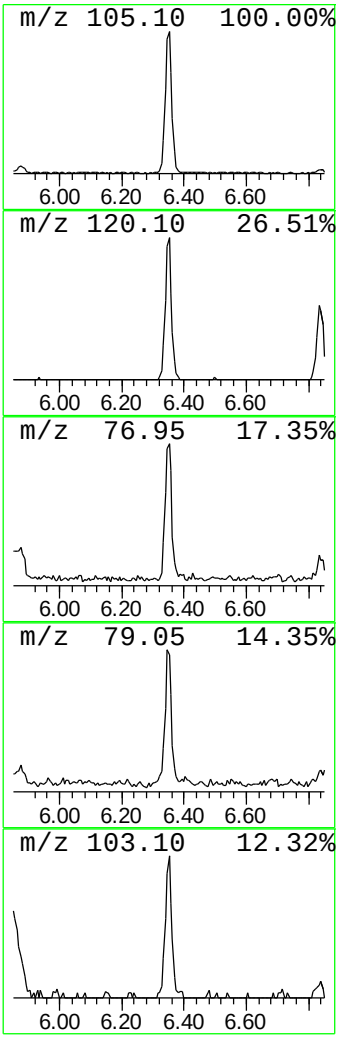
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	2.91 ng/ul	316891	1,4-Dichlorobenzene-d4	7.85

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	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





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Quant Title : SVOA CALIBRATION

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

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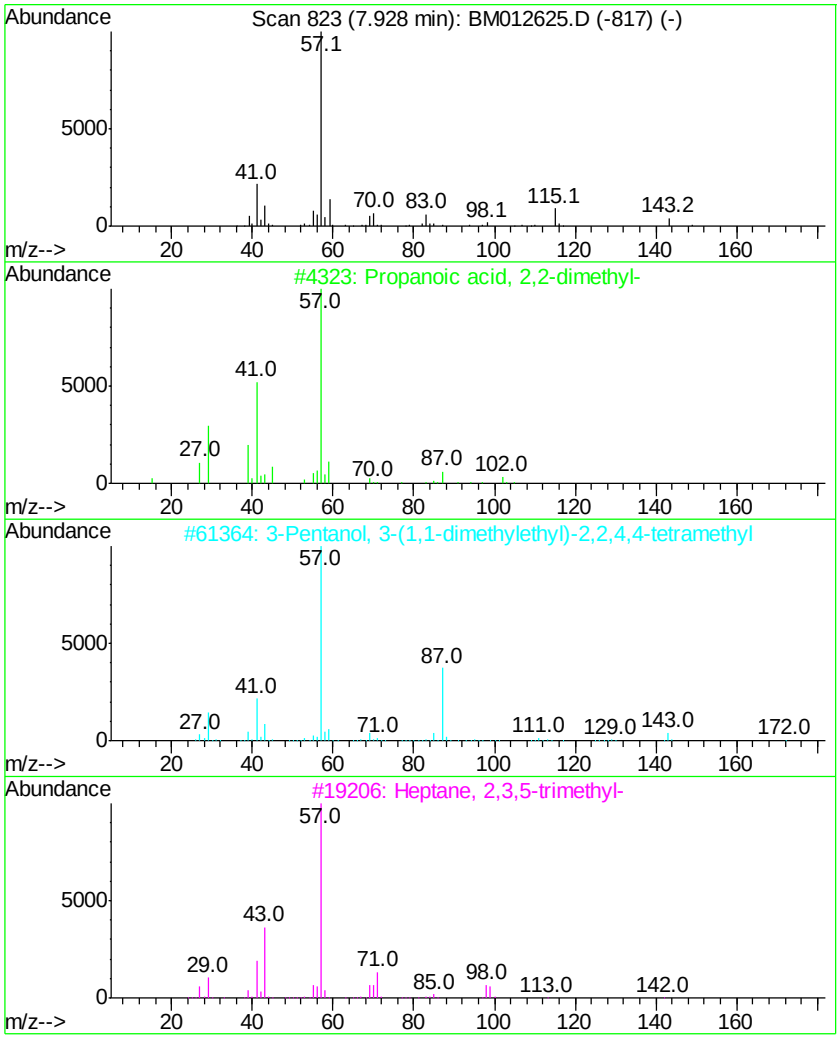
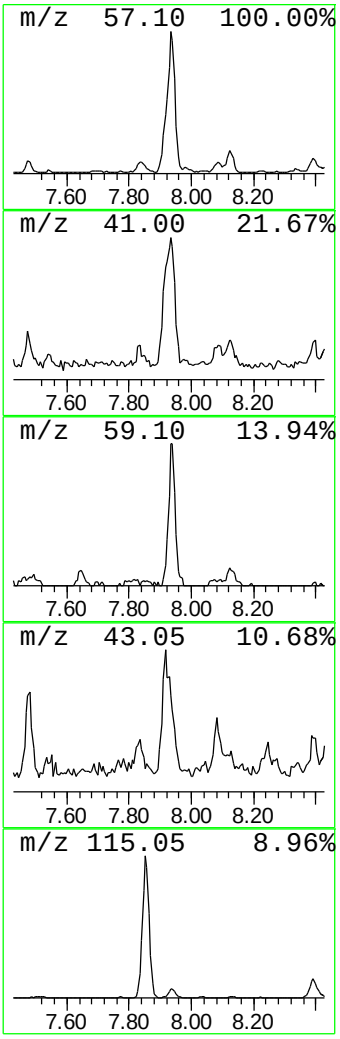
Peak Number 7 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	2.99 ng/ul	325080	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	40
2	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	38
3	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	37
4	Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	37
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	25





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Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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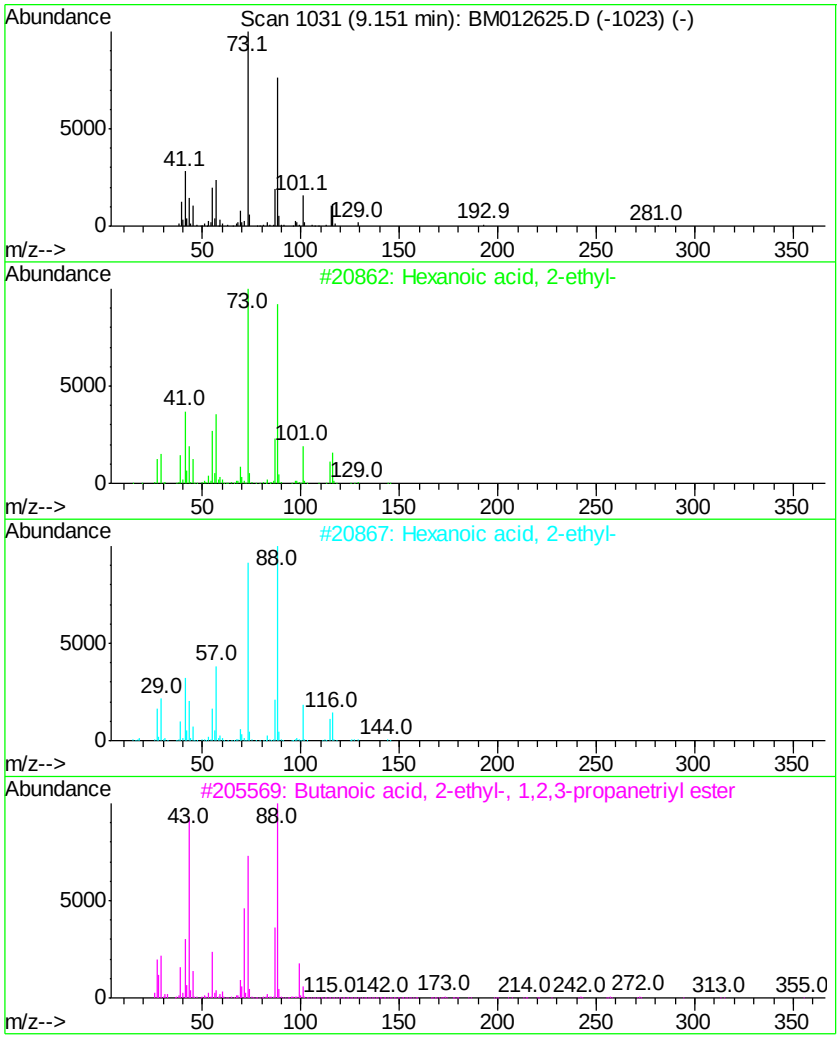
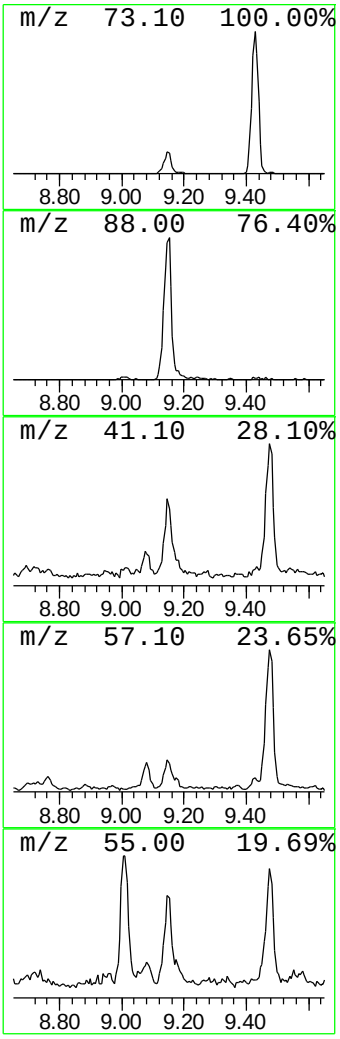
Peak Number 9 Hexanoic acid, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.88 ng/ul	313322	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
4	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	42
5	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	40





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Data File : BM012625.D
Acq On : 01 Nov 2017 04:55
Operator : SJ/JU
Sample : I5873-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

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Quant Title : SVOA CALIBRATION

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

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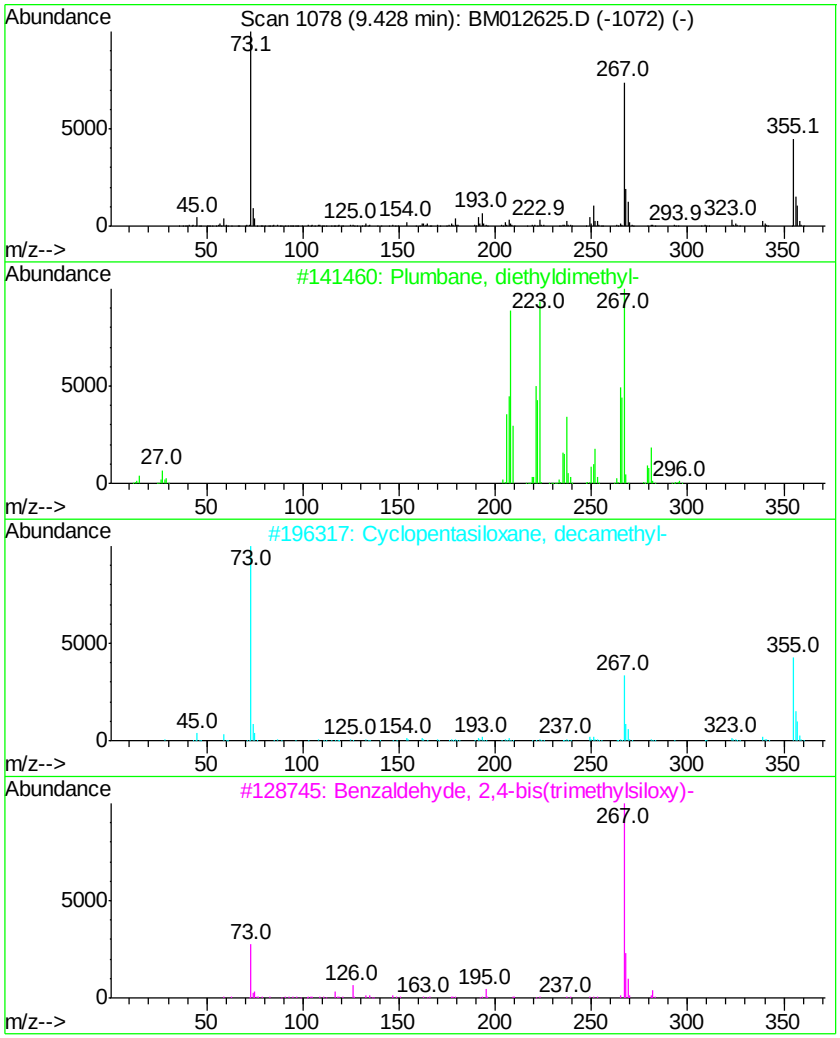
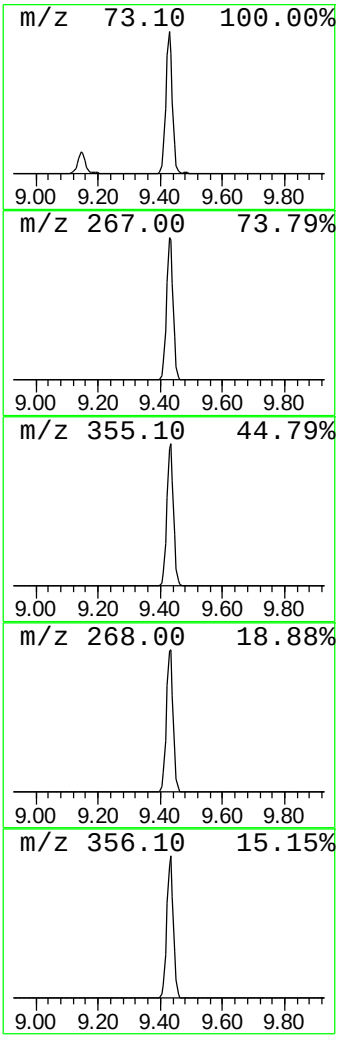
Peak Number 10 Plumbane, diethyldimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	11.35 ng/ul	1844430	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	94
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Benzaldehyde, 2,4-bis(trimethyls...	282	C13H22O3Si2	033617-38-8	47
4	p-Trimethylsilyloxyphenyl-(trime...	398	C18H34O4Si3	1000079-05-1	47
5	Benzaldehyde, 2,5-bis[(trimethyl...	282	C13H22O3Si2	056114-69-3	47





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Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

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Quant Title : SVOA CALIBRATION

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

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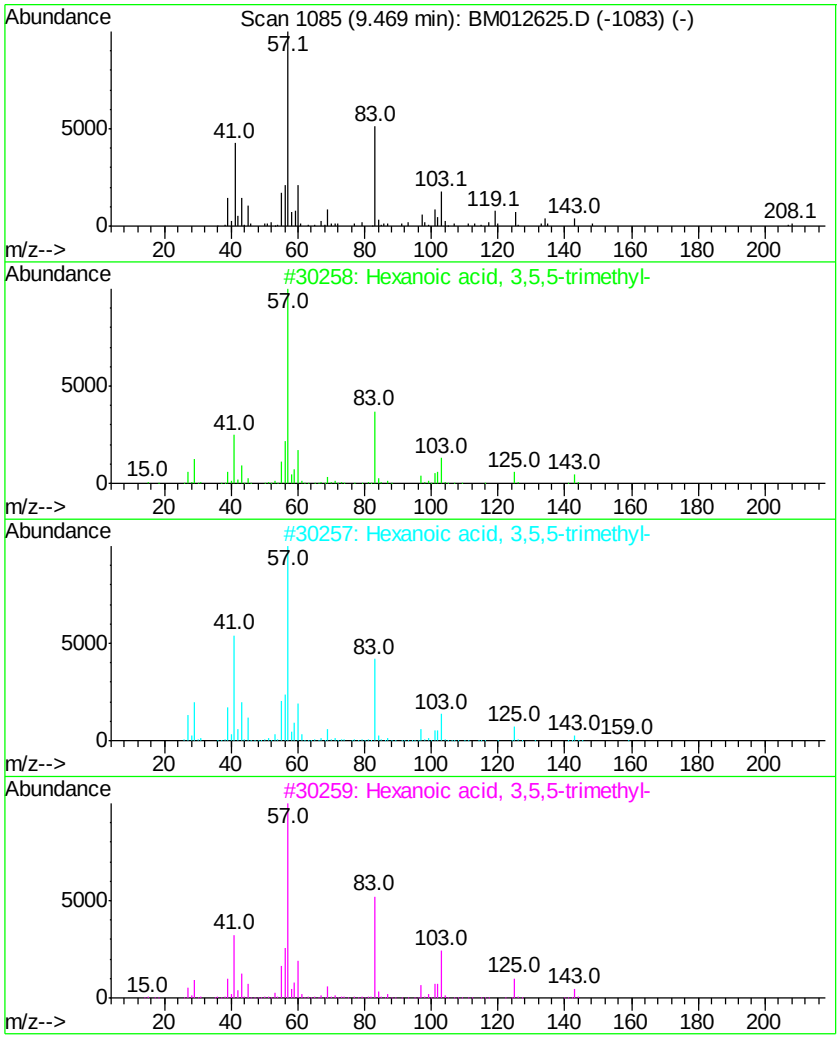
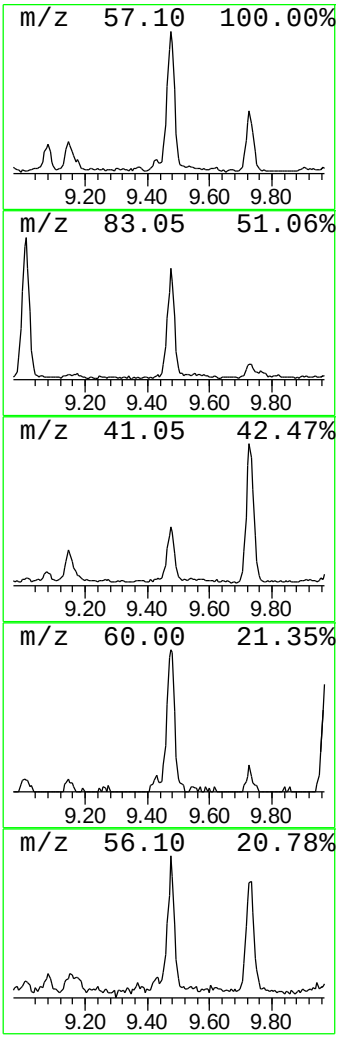
Peak Number 11 Hexanoic acid, 3,5,5-trimet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.20 ng/ul	357135	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	64
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	64
3	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	53
4	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	47
5	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	40





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Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

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Quant Title : SVOA CALIBRATION

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

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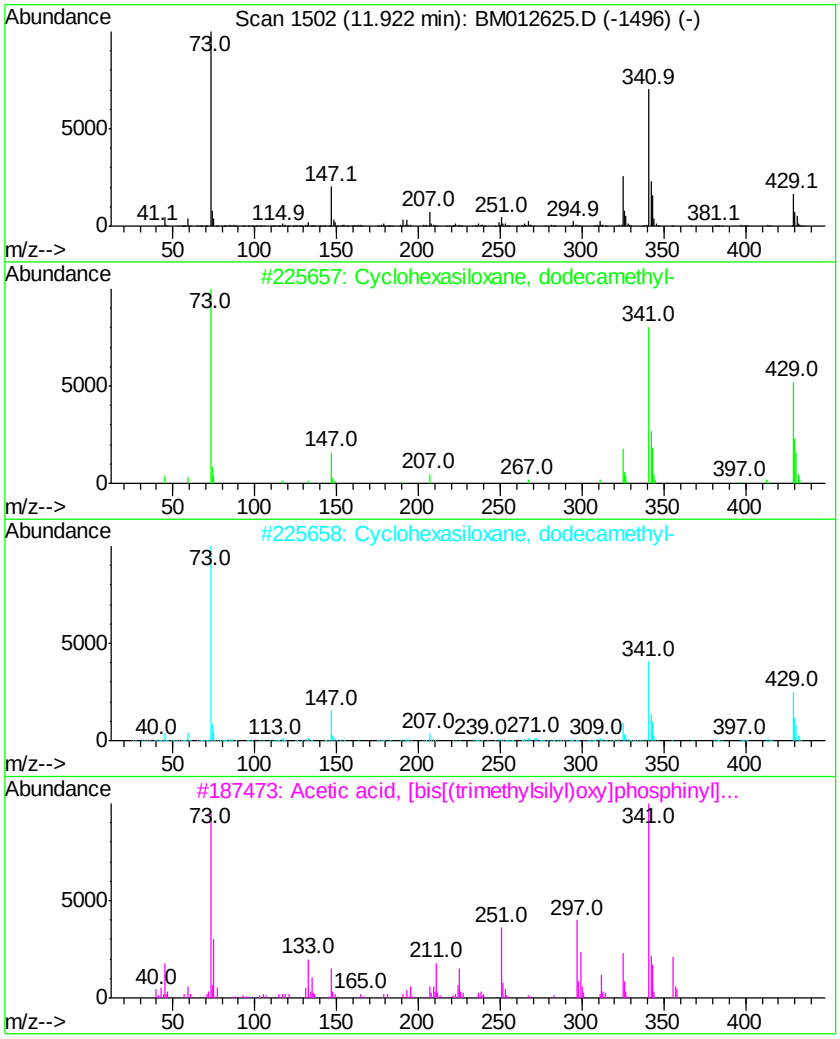
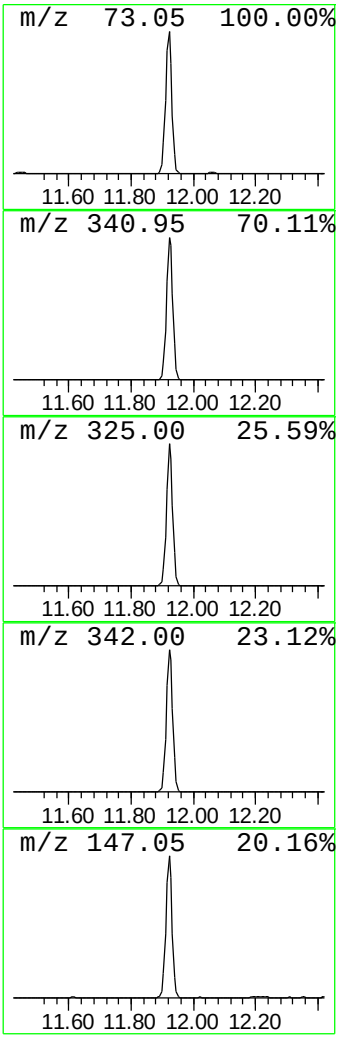
Peak Number 12 Cyclohexasiloxane, dodecame... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	26.33 ng/ul	4277480	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	50
3	Acetic acid, [bis[(trimethylsilv...	356	C11H29O5PSi3	053044-27-2	42
4	2H-1,4-Benzodiazepin-2-one, 7-ch...	342	C18H19ClN2OSi	055299-24-6	17
5	Fluoren-9-ol, 3,6-dimethoxy-9-(2...	342	C23H18O3	1000217-31-2	17





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ClientSampleId : B-18(0-1)_101217

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Quant Title : SVOA CALIBRATION

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

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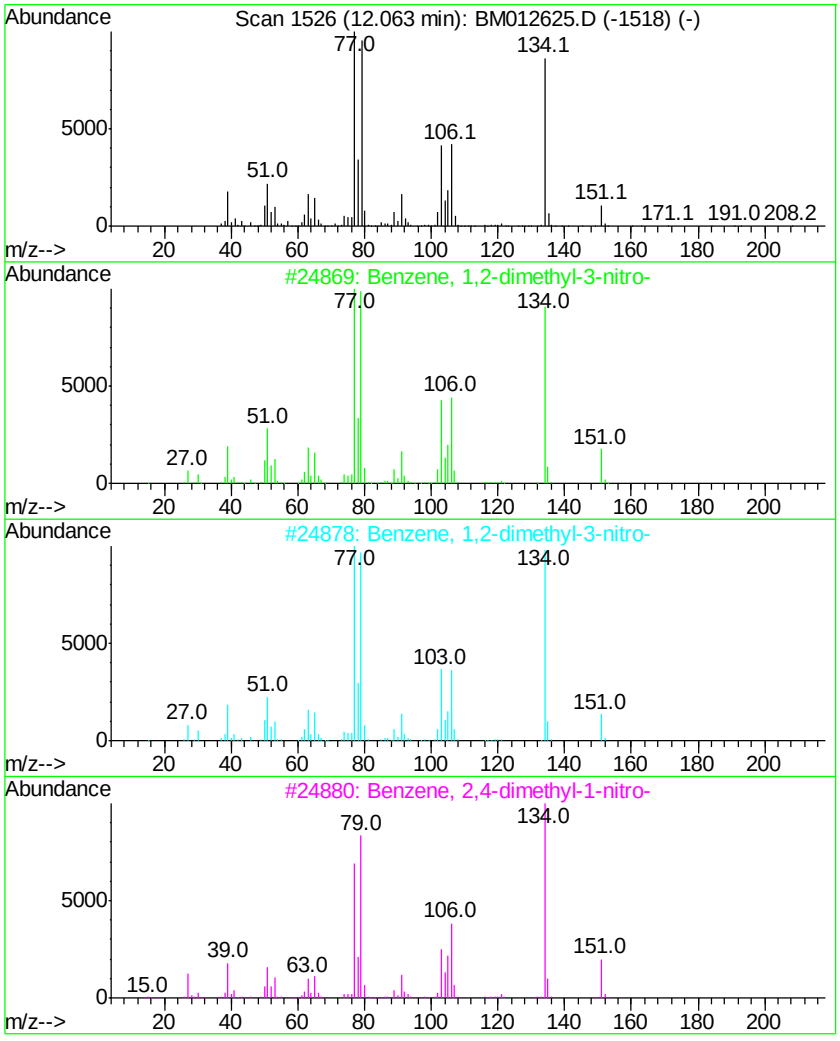
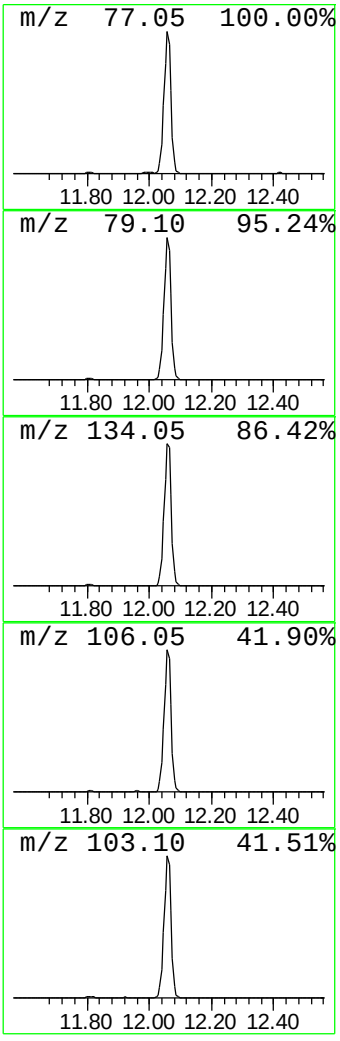
Peak Number 13 Benzene, 1,2-dimethyl-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	41.17 ng/ul	6686980	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	97
2	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	96
3	Benzene, 2,4-dimethyl-1-nitro-	151	C8H9NO2	000089-87-2	94
4	Benzene, 2,4-dimethyl-1-nitro-	151	C8H9NO2	000089-87-2	94
5	Benzene, 1,3-dimethyl-2-nitro-	151	C8H9NO2	000081-20-9	91





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Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

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Quant Title : SVOA CALIBRATION

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

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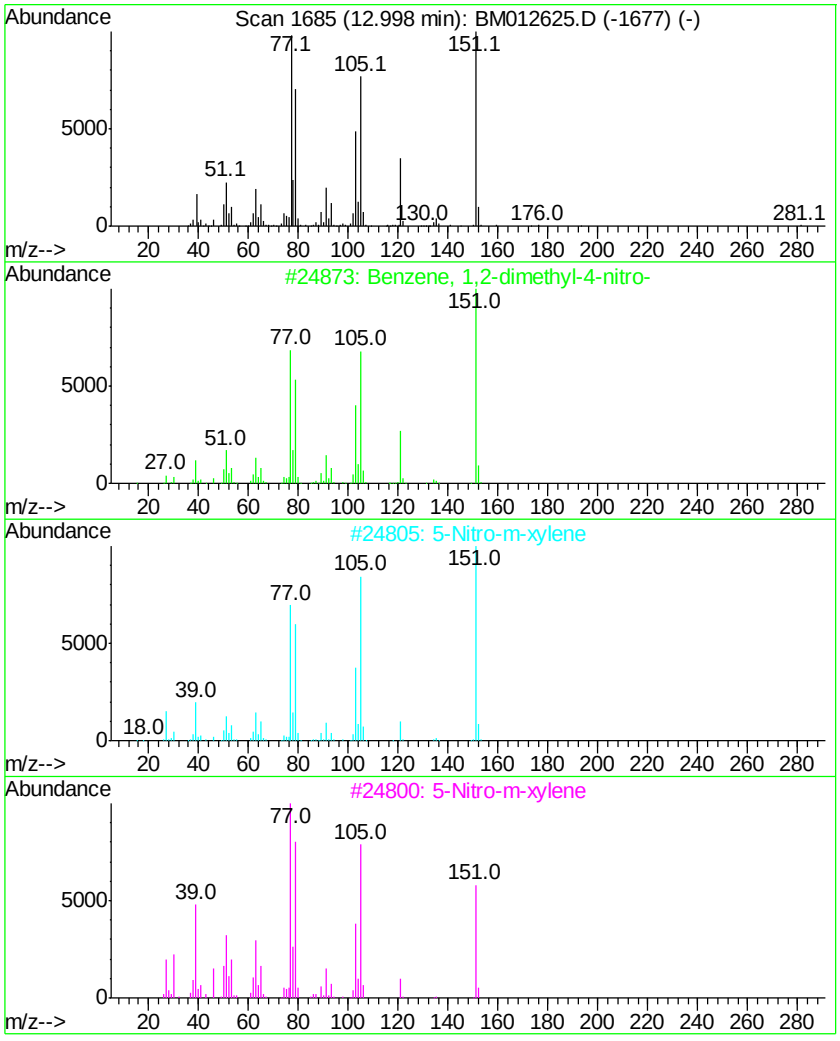
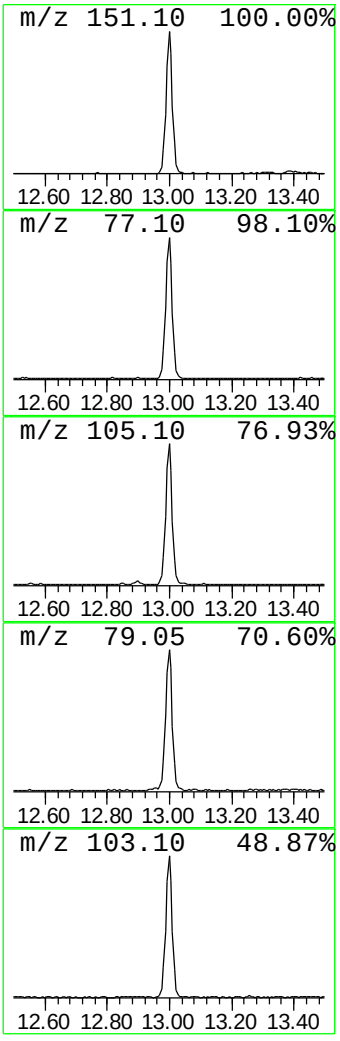
Peak Number 14 Benzene, 1,2-dimethyl-4-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.14 ng/ul	1430270	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-4-nitro-	151	C8H9NO2	000099-51-4	98
2	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	94
3	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	90
4	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	90
5	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	80





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Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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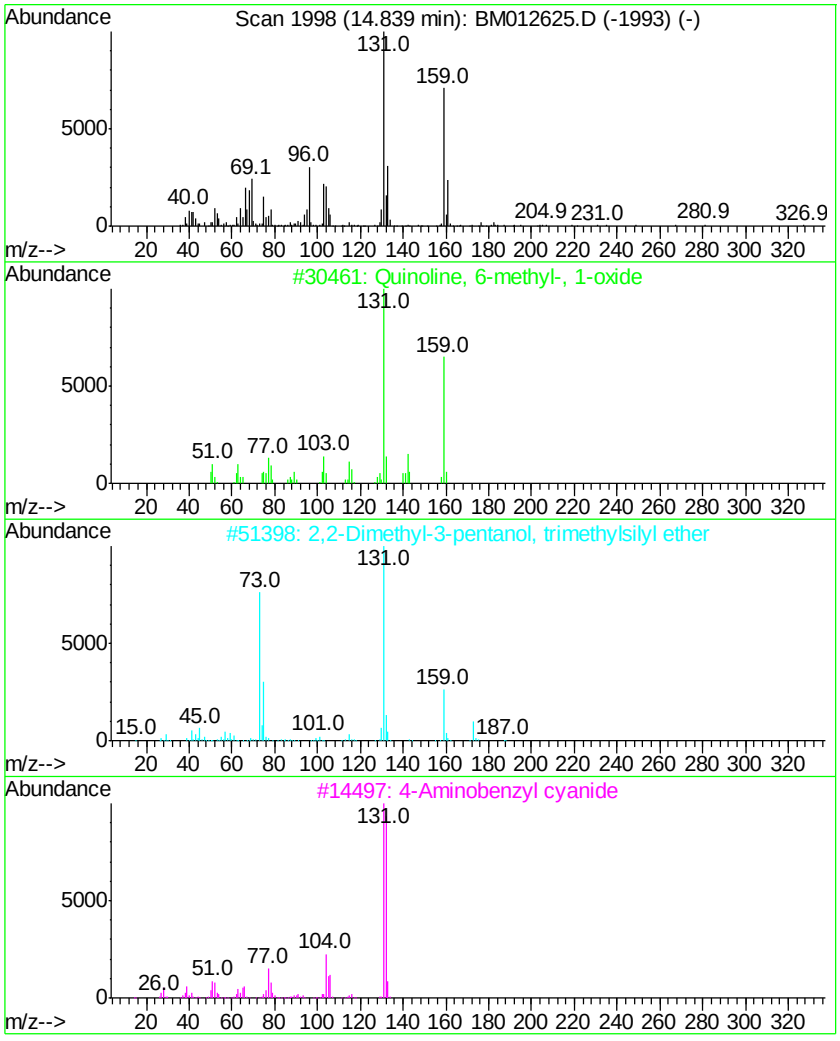
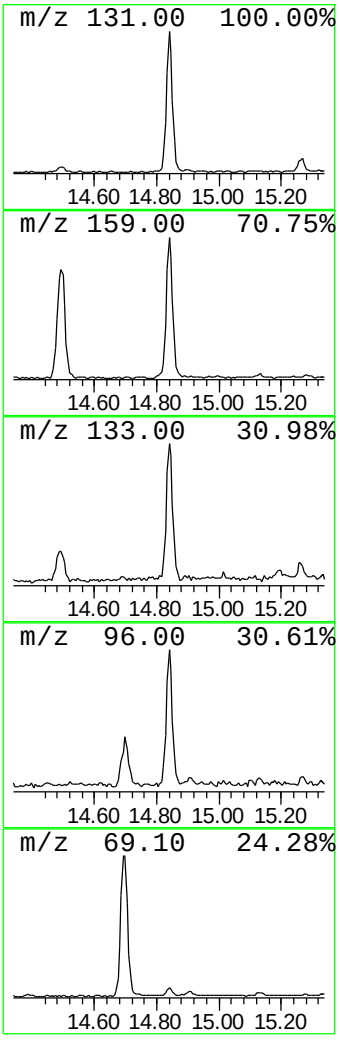
Peak Number 15 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.56 ng/ul	595938	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 6-methyl-, 1-oxide	159	C10H9NO	004053-42-3	25
2	2,2-Dimethyl-3-pentanol, trimeth...	188	C10H24OSi	1000364-14-3	12
3	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	12
4	Isoquinoline 1,2,3,4-tetrahydro-...	178	C9H10N2O2	010308-72-2	12
5	Benzaldehyde, 2-(2-propynyloxy)-	160	C10H8O2	029978-83-4	12





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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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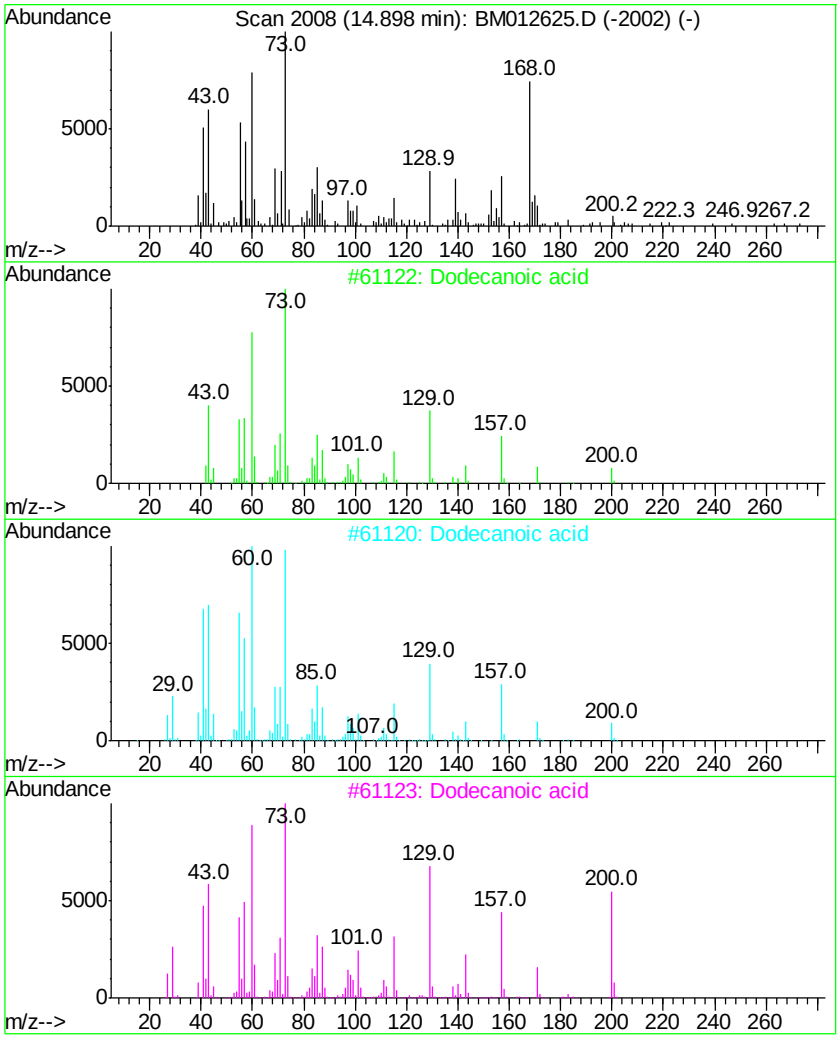
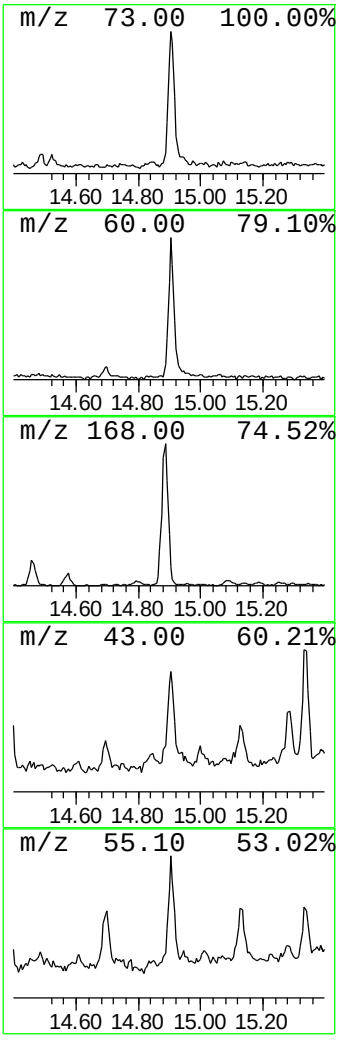
Peak Number 16 Dodecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.27 ng/ul	529373	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2	Dodecanoic acid	200	C12H24O2	000143-07-7	98
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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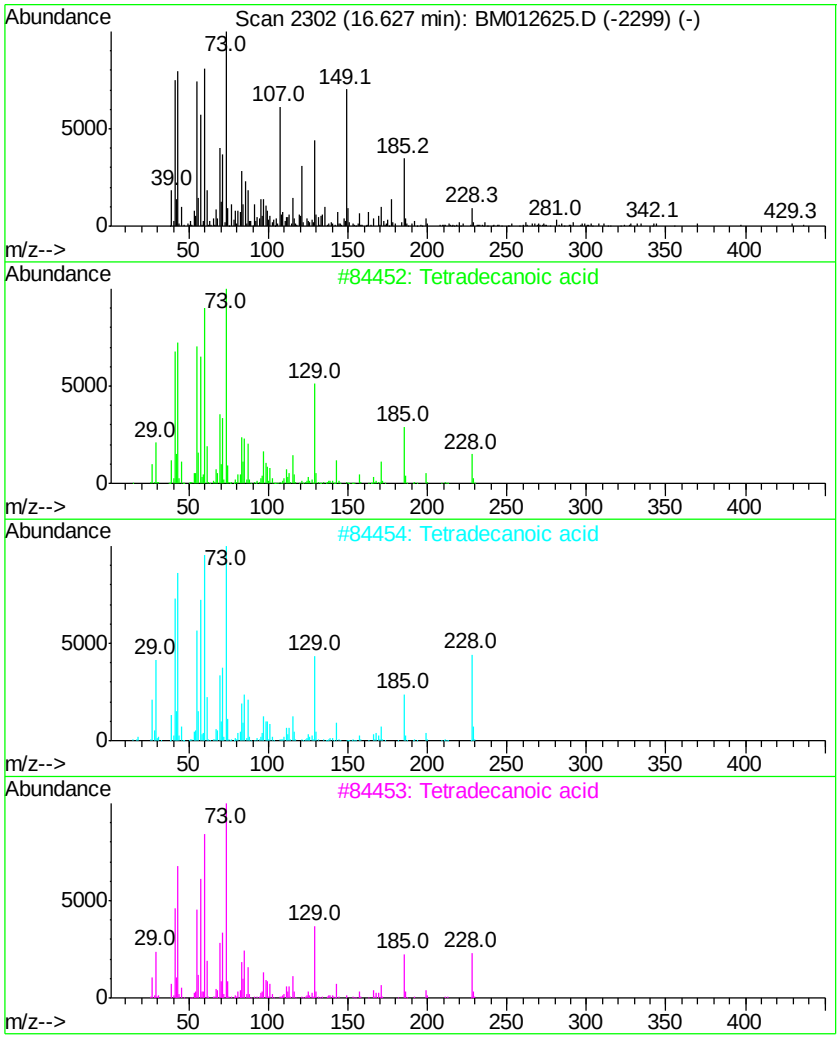
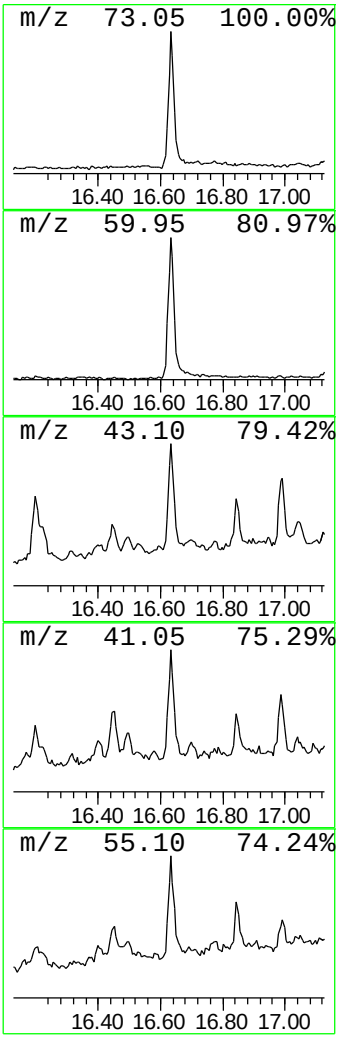
Peak Number 17 Tetradecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.18 ng/ul	939416	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	42





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Quant Title : SVOA CALIBRATION

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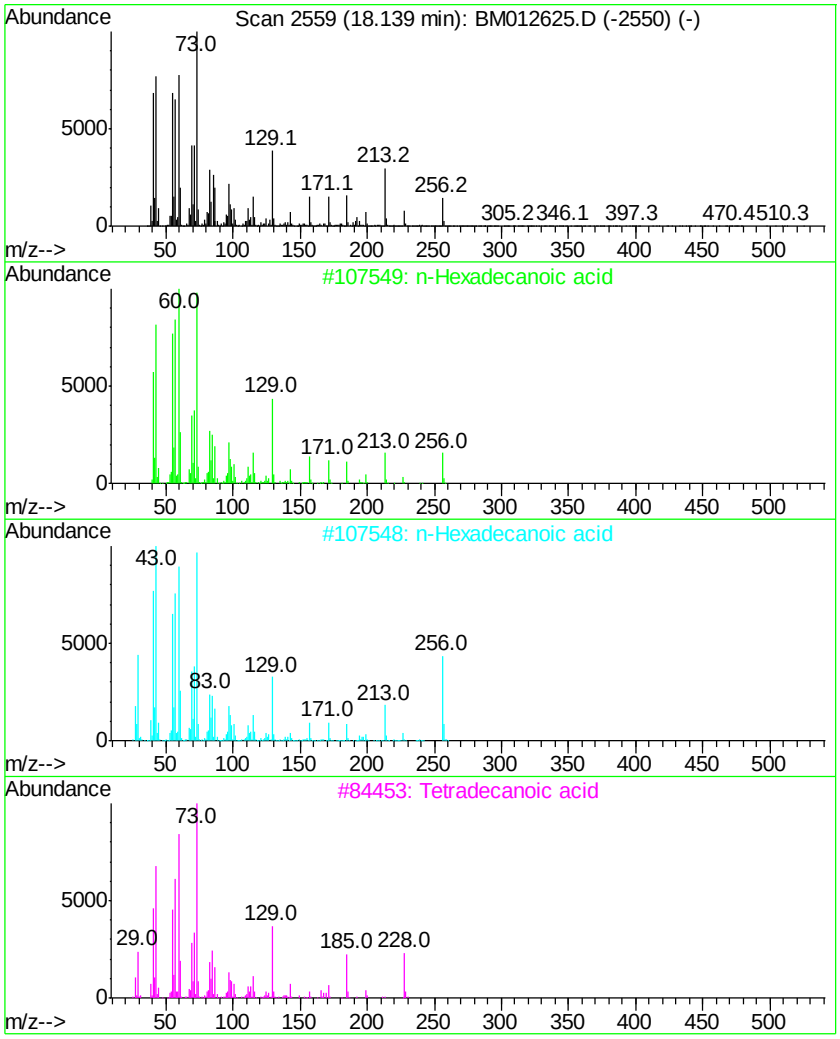
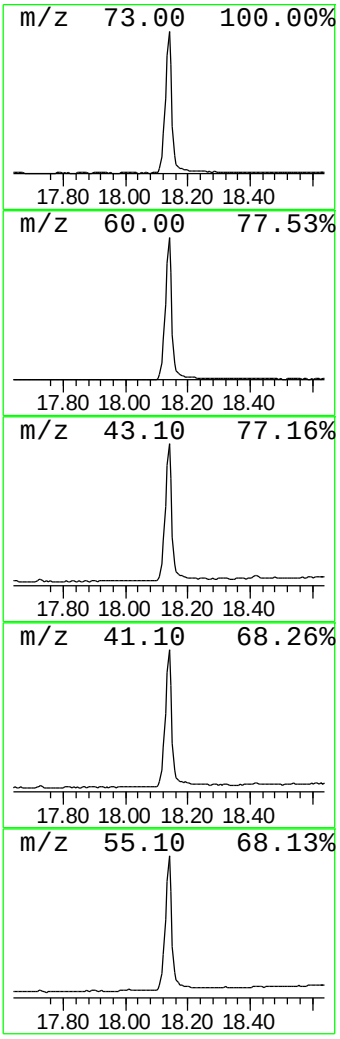
Peak Number 18 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	59.42 ng/ul	17576800	Phenanthrene-d10	17.23

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Quant Title : SVOA CALIBRATION

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Peak Number 19 Thiophene-3-carboxaldehyde,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.68 ng/ul	1087690	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
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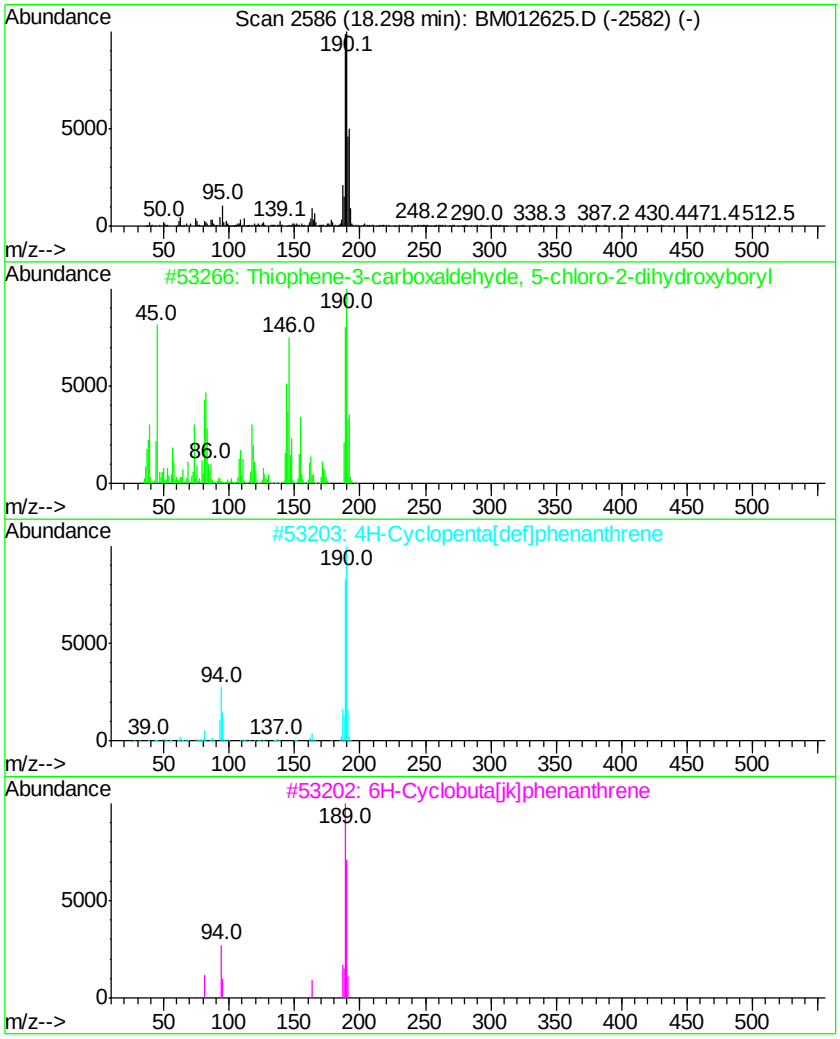

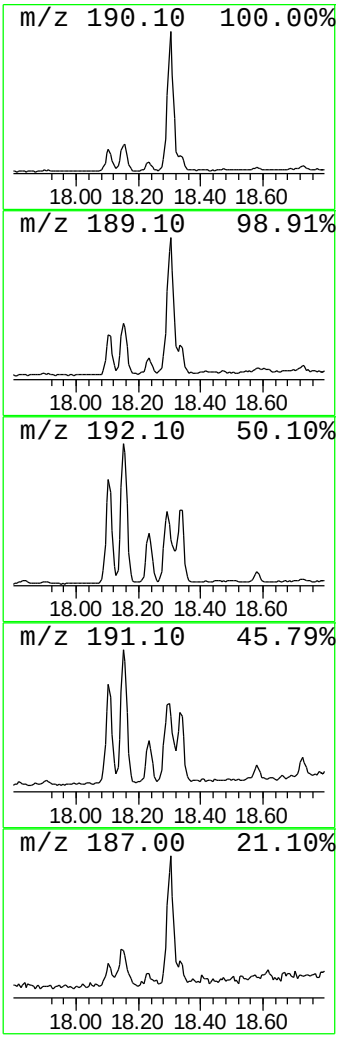

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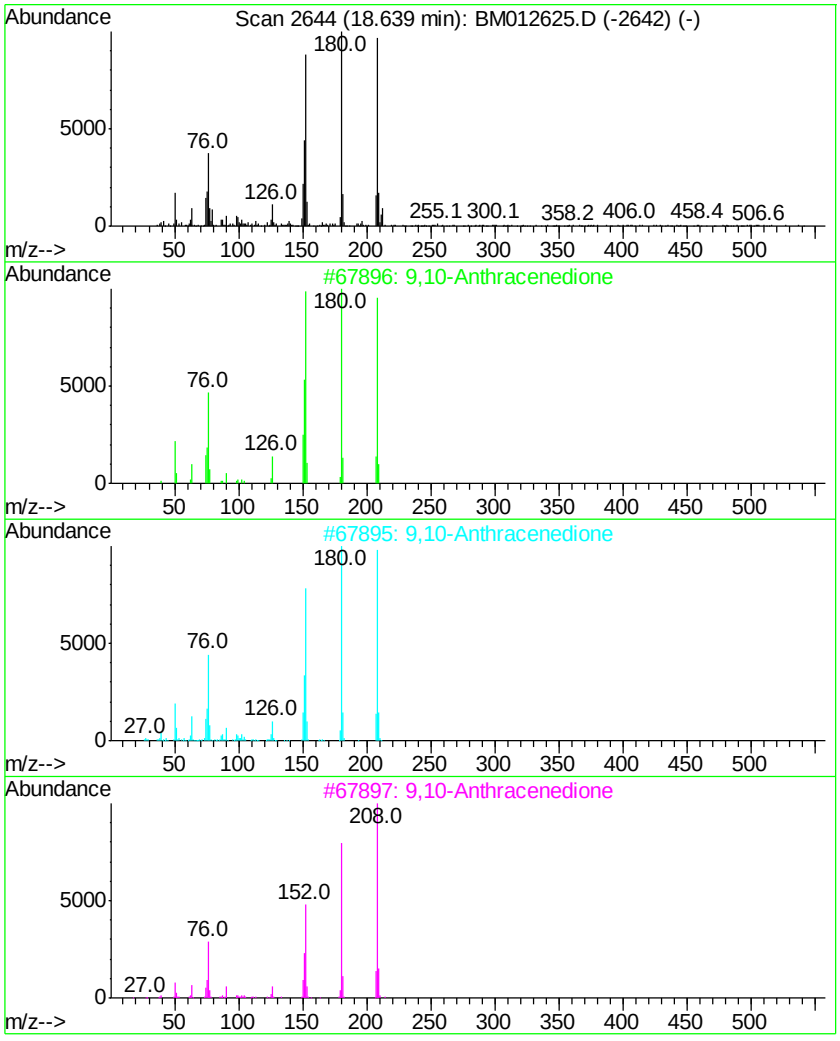
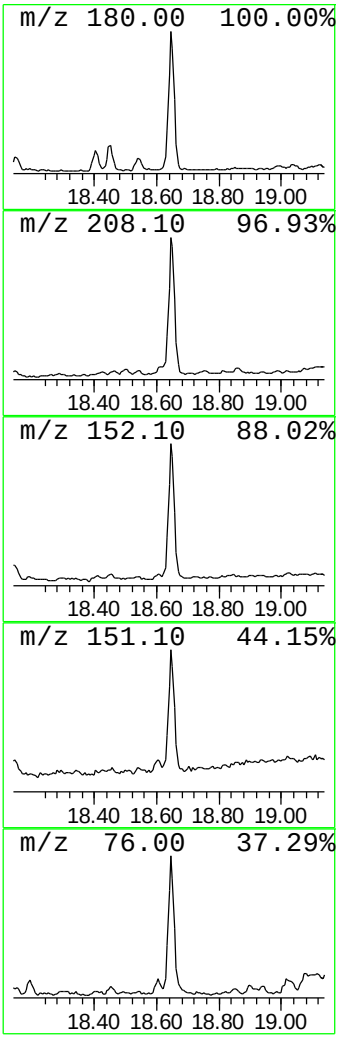
Peak Number 20 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	5.10 ng/ul	1508710	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

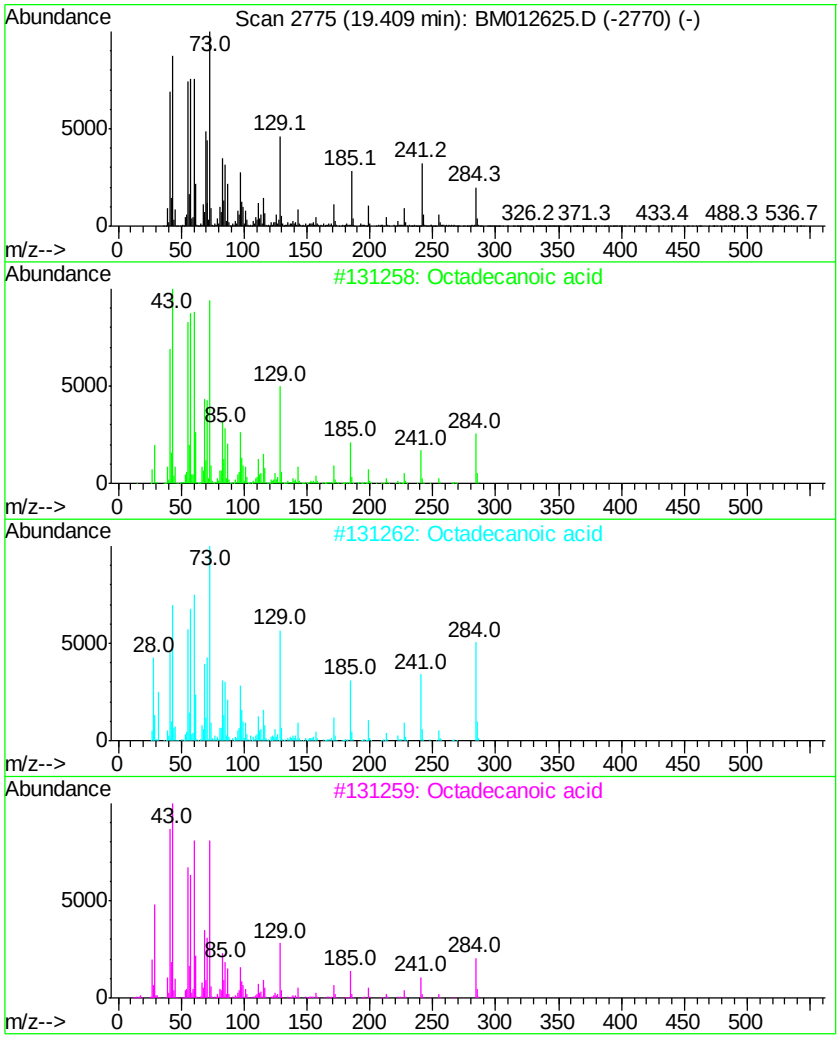
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

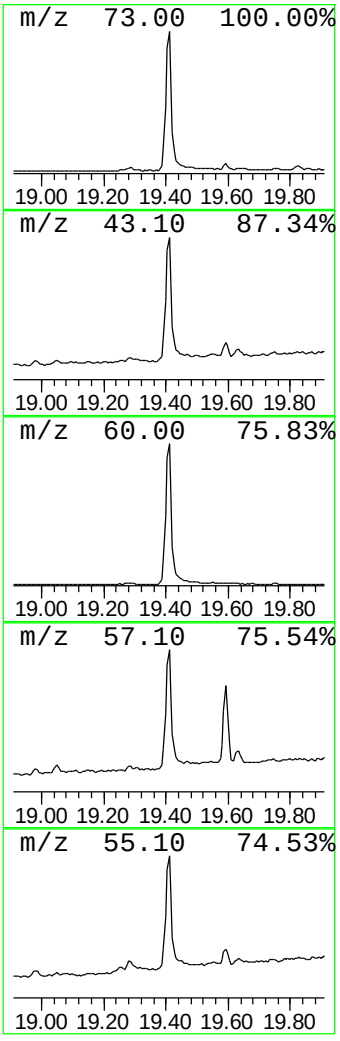
****

Peak Number 21 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	15.89 ng/ul	10020300	Chrysene-d12	21.41

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM103117\
Data File : BM012625.D
Acq On : 01 Nov 2017 04:55
Operator : SJ/JU
Sample : I5873-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(0-1)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
Furan, tetrahydro...	3.13	5.9	ng/ul	643769	1	7.85	2174340	20.0
unknown-01	3.85	8.5	ng/ul	921459	1	7.85	2174340	20.0
2-Pentanone, 4-hy...	4.99	2.1	ng/ul	230120	1	7.85	2174340	20.0
Oxirane, tetramet...	5.07	3.5	ng/ul	382238	1	7.85	2174340	20.0
Benzene, (1-methy...	6.35	2.9	ng/ul	316891	1	7.85	2174340	20.0
unknown-02	7.93	3.0	ng/ul	325080	1	7.85	2174340	20.0
Hexanoic acid, 2-...	9.15	2.9	ng/ul	313322	1	7.85	2174340	20.0
Plumbane, diethyl...	9.43	11.4	ng/ul	1844430	2	10.65	3248810	20.0
Hexanoic acid, 3,...	9.47	2.2	ng/ul	357135	2	10.65	3248810	20.0
Cyclohexasiloxane...	11.92	26.3	ng/ul	4277480	2	10.65	3248810	20.0
Benzene, 1,2-dime...	12.06	41.2	ng/ul	6686980	2	10.65	3248810	20.0
Benzene, 1,2-dime...	13.00	6.1	ng/ul	1430270	3	14.49	4661040	20.0
unknown-03	14.84	2.6	ng/ul	595938	3	14.49	4661040	20.0
Dodecanoic acid	14.90	2.3	ng/ul	529373	3	14.49	4661040	20.0
Tetradecanoic acid	16.63	3.2	ng/ul	939416	4	17.23	5915800	20.0
n-Hexadecanoic acid	18.14	59.4	ng/ul	17576800	4	17.23	5915800	20.0
Thiophene-3-carbo...	18.30	3.7	ng/ul	1087690	4	17.23	5915800	20.0
9,10-Anthracenedione	18.64	5.1	ng/ul	1508710	4	17.23	5915800	20.0
Octadecanoic acid	19.41	15.9	ng/ul	10020300	5	21.41	12611700	20.0