LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013093.D
Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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	3.916	123	141	144	rBV	242332	750334	2.46%	0.493%
2	5.269	350	371	379	rBV2	212403	697580	2.29%	0.458%
3	6.922	638	652	658	rBV2	3102908	6916528	22.67%	4.545%
4	7.057	667	675	684	rBV	1104583	1679894	5.51%	1.104%
5	7.252	700	708	714	rBV	1535836	2422449	7.94%	1.592%
6	7.710	777	786	793	rBV	1036650	1616315	5.30%	1.062%
7	8.428	899	908	913	rBV	1692475	3208169	10.52%	2.108%
8	8.510	913	922	928	rVB	16186812	30504418	100.00%	20.046%
9	8.869	974	983	994	rBV	1467267	2462462	8.07%	1.618%
10	9.146	1019	1030	1040	rBV3	150650	347078	1.14%	0.228%
11	9.581	1098	1104	1118	rVB2	1548930	2560918	8.40%	1.683%
12	9.945	1156	1166	1178	rVB	332030	641781	2.10%	0.422%
13	10.116	1188	1195	1203	rBV	1953900	3246940	10.64%	2.134%
14	10.493	1251	1259	1266	rBV	1372577	2287185	7.50%	1.503%
15	10.634	1275	1283	1296	rBV	1706690	2850596	9.34%	1.873%
16	11.322	1390	1400	1408	rBV	382677	689359	2.26%	0.453%
17	11.551	1429	1439	1447	rBV	1142502	1882731	6.17%	1.237%
18	12.381	1562	1580	1598	rBV	1897596	6288910	20.62%	4.133%
19	12.528	1598	1605	1616	rVB	1556037	2418470	7.93%	1.589%
20	12.657	1620	1627	1634	rBV	358199	554832	1.82%	0.365%
21	12.798	1645	1651	1661	rVB3	180326	319636	1.05%	0.210%
22	13.769	1810	1816	1821	rBV	3359247	4577205	15.01%	3.008%
23	13.816	1821	1824	1832	rVB	387573	553076	1.81%	0.363%
24	14.045	1852	1863	1870	rVB	3753586	5562388	18.23%	3.655%
25	14.351	1909	1915	1924	rVB2	1852327	2941134	9.64%	1.933%
26	14.563	1944	1951	1959	rBV	1341923	1948539	6.39%	1.280%
27	14.792	1982	1990	1995	rBV	594848	850156	2.79%	0.559%
28	15.351	2076	2085	2091	rBV	4263976	6225299	20.41%	4.091%
29	15.463	2097	2104	2114	rBV	1248657	1808977	5.93%	1.189%
30	16.445	2265	2271	2277	rVB	4126420	5582371	18.30%	3.668%
31	16.522	2278	2284	2291	rBV	1252913	1735568	5.69%	1.141%
32	17.098	2374	2382	2387	rBV2	2243573	3591344	11.77%	2.360%
33	17.198	2393	2399	2409	rVB	4407656	6243974	20.47%	4.103%
34	17.892	2508	2517	2525	rBV4	158608	493735	1.62%	0.324%

LSC Area Percent Report

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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC4

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	18.021	2532	2539	2550	rBV	4372926	6391401	20.95%	4.200%
36	19.174	2730	2735	2738	rBV	708654	1105256	3.62%	0.726%
37	19.292	2750	2755	2761	rBV2	2032818	2626587	8.61%	1.726%
38	19.345	2761	2764	2768	rVB	305394	379090	1.24%	0.249%
39	19.492	2783	2789	2795	rBV	4247562	5747631	18.84%	3.777%
40	20.286	2920	2924	2932	rBV	540052	734329	2.41%	0.483%
41	20.380	2936	2940	2957	rVV	978300	1403975	4.60%	0.923%
42	20.615	2974	2980	2988	rVB	1676348	2212174	7.25%	1.454%
43	21.004	3041	3046	3057	rBV2	648992	893902	2.93%	0.587%
44	21.280	3088	3093	3098	rBV	2038701	2580270	8.46%	1.696%
45	22.645	3320	3325	3343	rVB	348127	1361755	4.46%	0.895%
46	22.892	3364	3367	3377	rVB8	186247	339969	1.11%	0.223%
47	23.374	3442	3449	3463	rVB2	2676929	5538482	18.16%	3.640%
48	23.509	3466	3472	3482	rVB	1222328	2329962	7.64%	1.531%
49	24.797	3684	3691	3701	rBV7	502477	1264156	4.14%	0.831%
50	26.333	3947	3952	3962	rVB4	294731	801827	2.63%	0.527%

Sum of corrected areas: 152171117

LSC Report - Integrated Chromatogram

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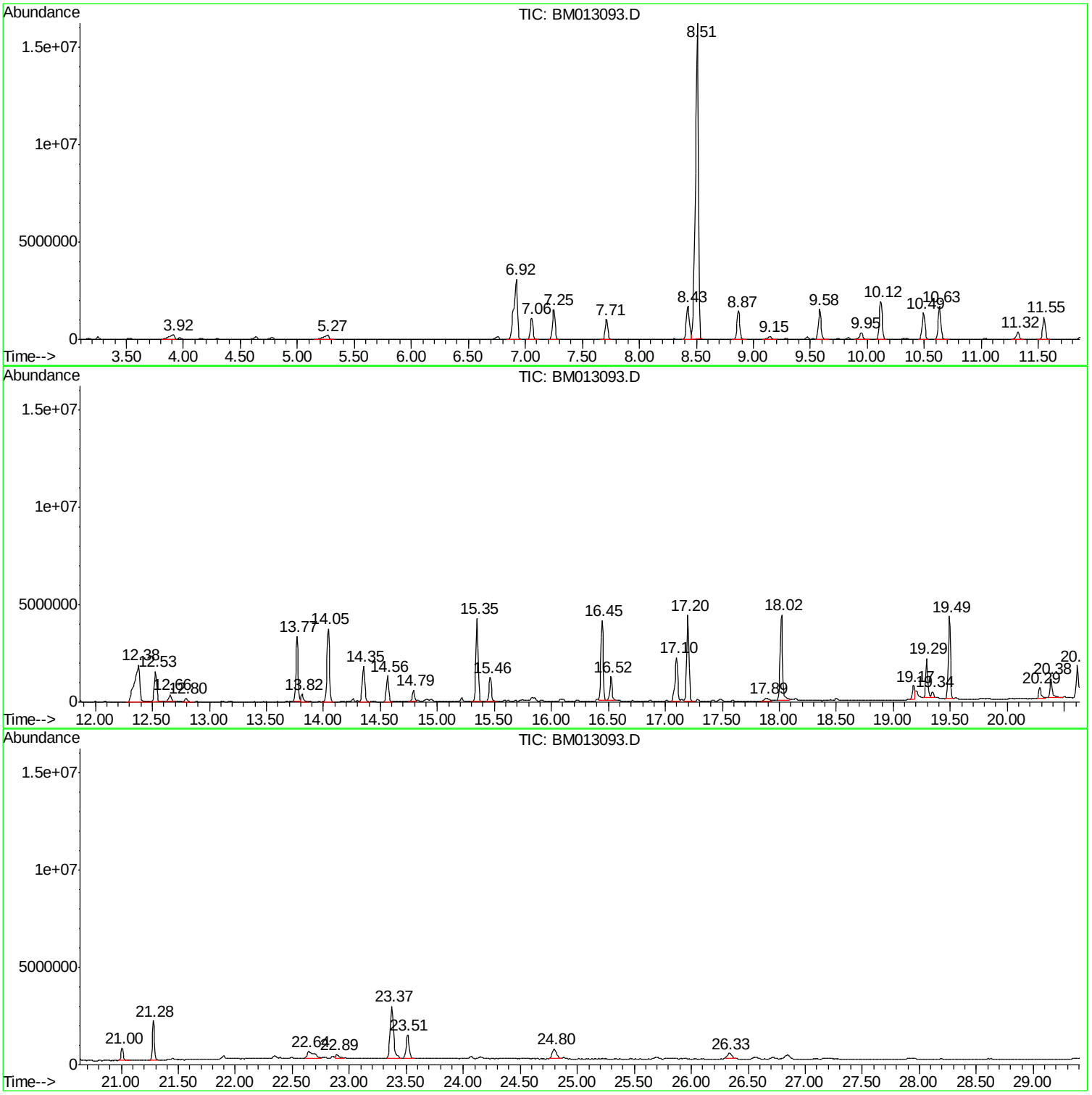
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013093.D
Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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

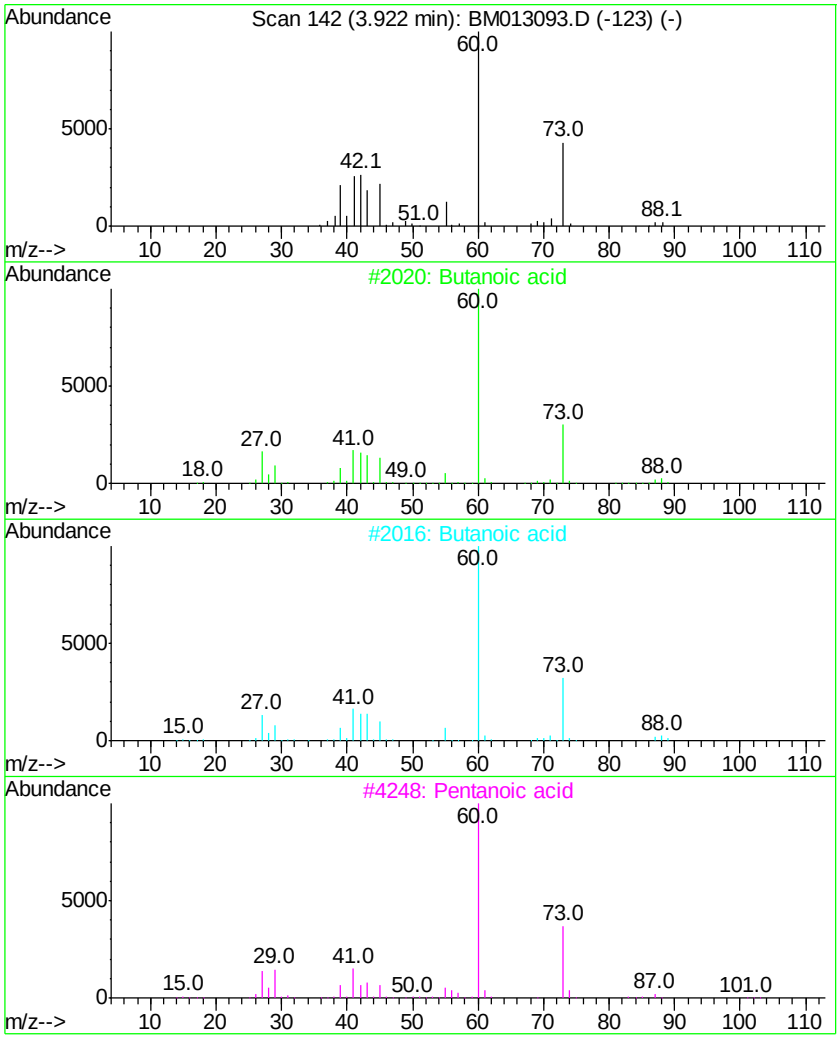
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

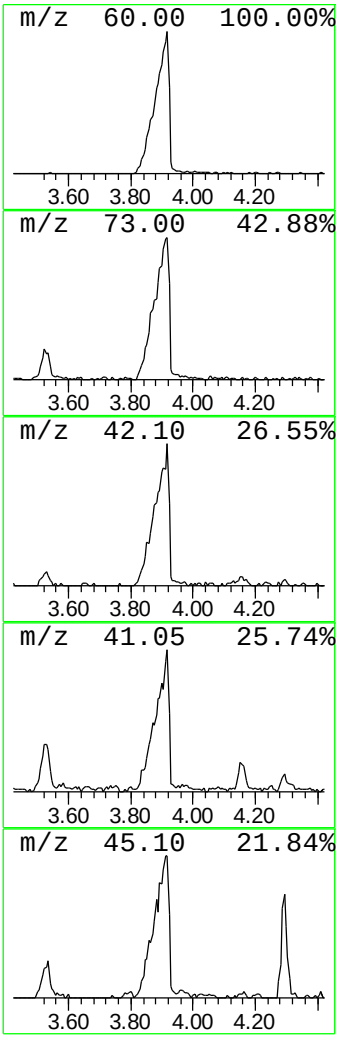
****

Peak Number 1 Butanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	9.28 ng/ul	750334	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	72
2	Butanoic acid	88	C4H8O2	000107-92-6	64
3	Pentanoic acid	102	C5H10O2	000109-52-4	36
4	.beta.-Methyl xyloside	164	C6H12O5	1000130-04-0	9
5	Benserazide	257	C10H15N3O5	000322-35-0	9





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Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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

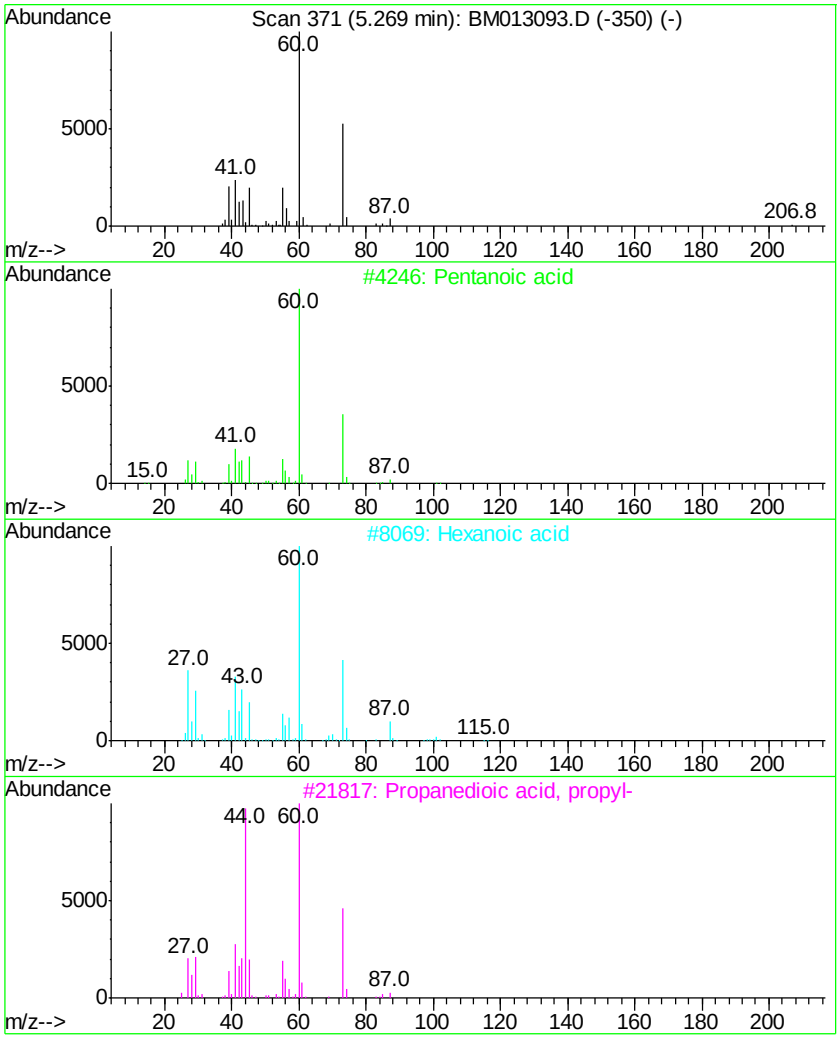
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

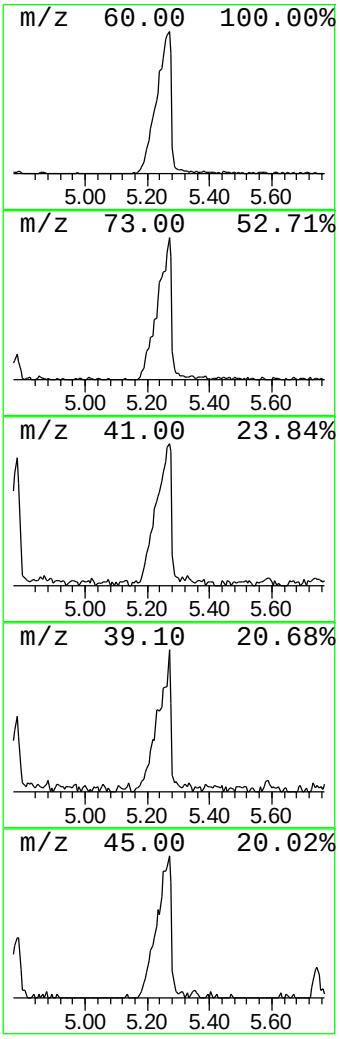
****

Peak Number 2 Pentanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	8.63 ng/ul	697580	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	78
2	Hexanoic acid	116	C6H12O2	000142-62-1	56
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	56
4	Hexanoic acid	116	C6H12O2	000142-62-1	56
5	Pentanoic acid	102	C5H10O2	000109-52-4	50





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Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

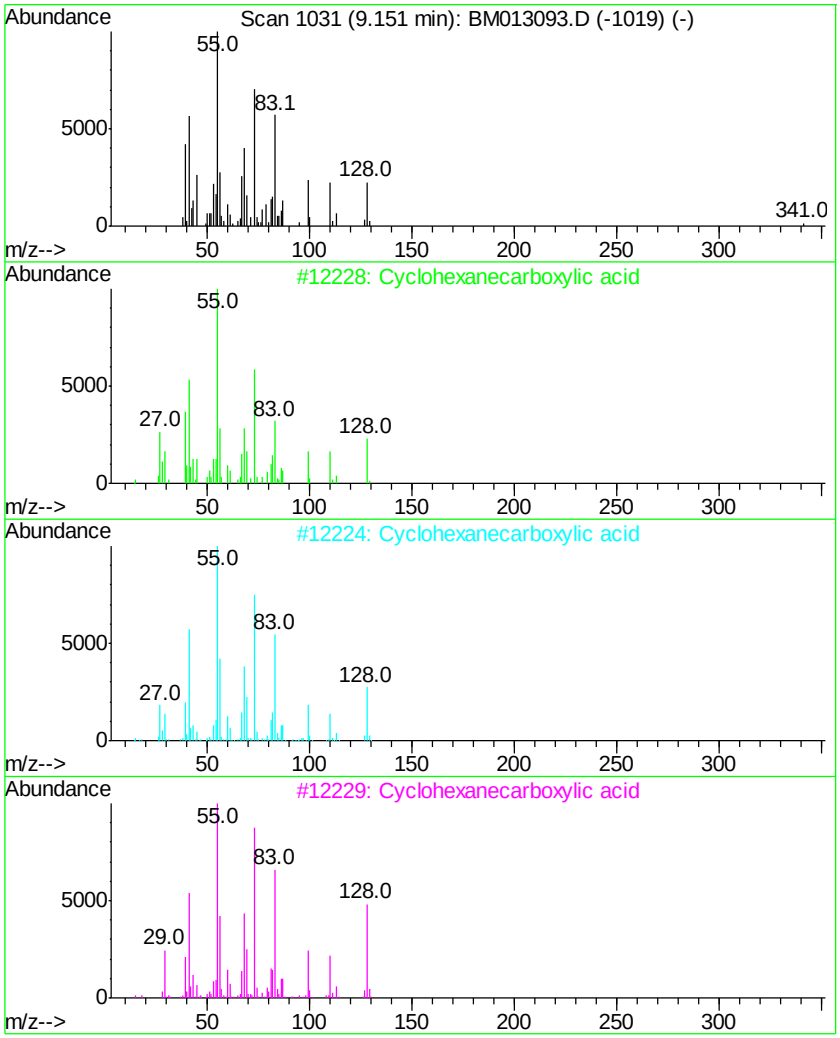
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

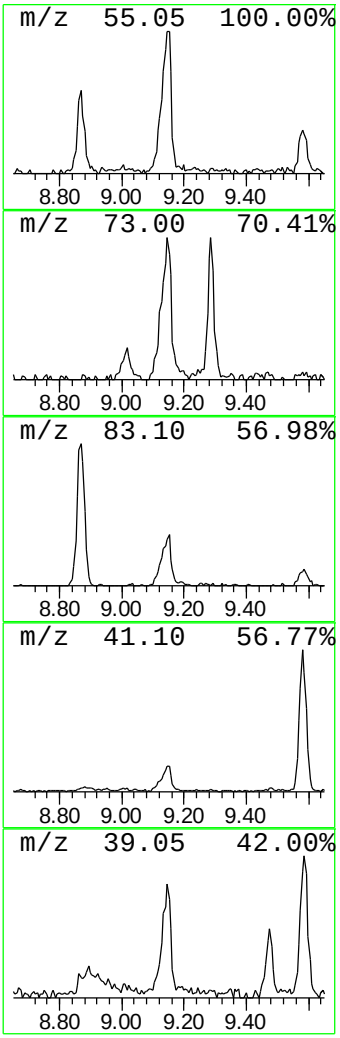
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexanecarboxylic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	3.03 ng/ul	347078	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	95
2	Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	81
3	Cyclohexanecarboxylic acid	128	C7H12O2	000098-89-5	58
4	Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	37
5	3,4-Dihydro-2H-pyran-2-carboxyli...	128	C6H8O3	1000132-10-4	30





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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 4 Phenol, 3-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	5.61 ng/ul	641781	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	97
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	93
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
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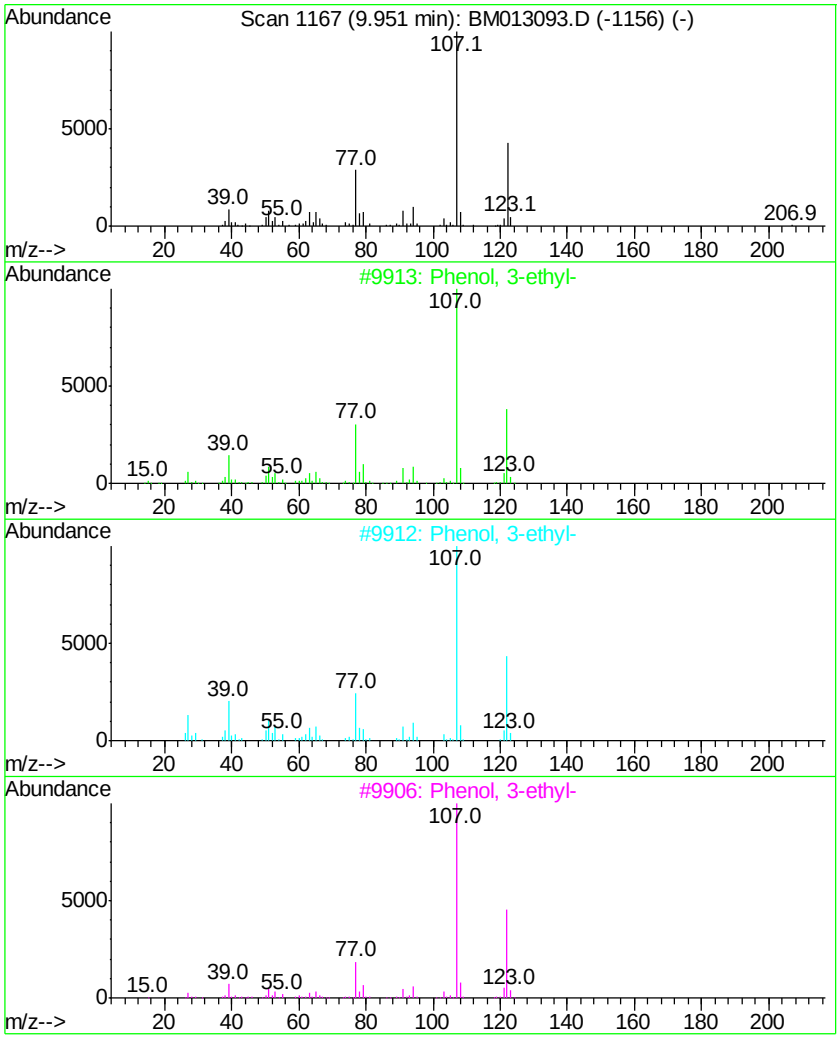
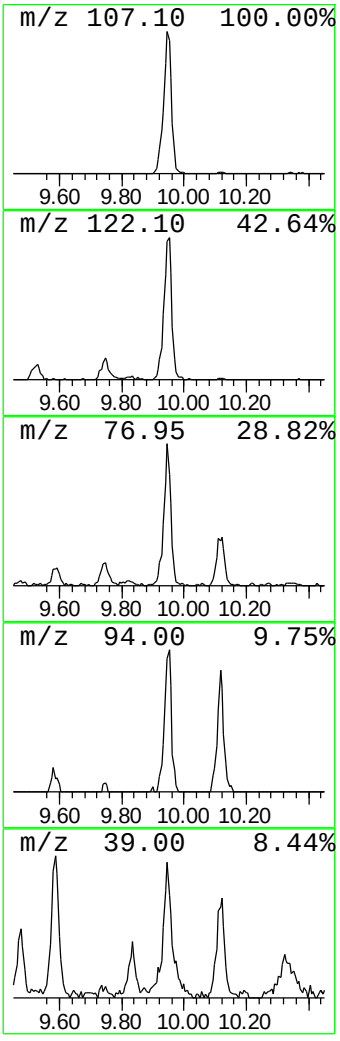
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90





Library Search Compound Report

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Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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 5 Phenol, 2-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	6.03 ng/ul	689359	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	70
2	1,3-Cyclopentadiene, 5,5-dimethy...	136	C10H16	1000163-57-1	59
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	52
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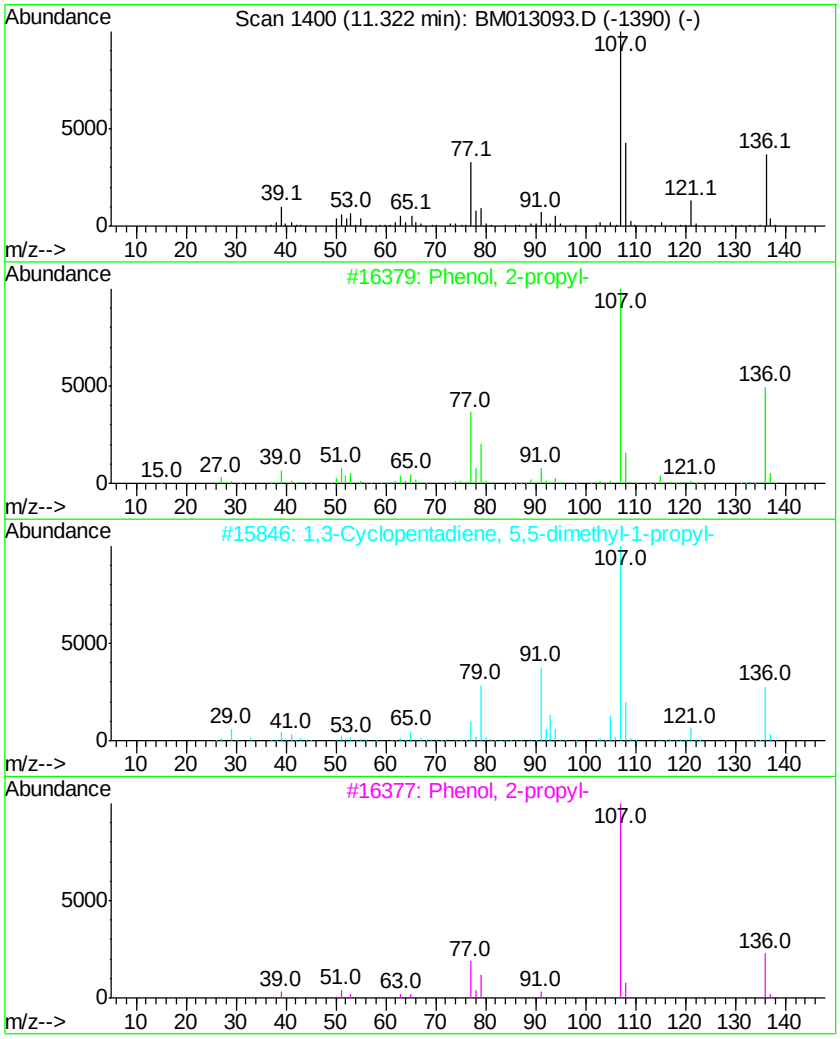

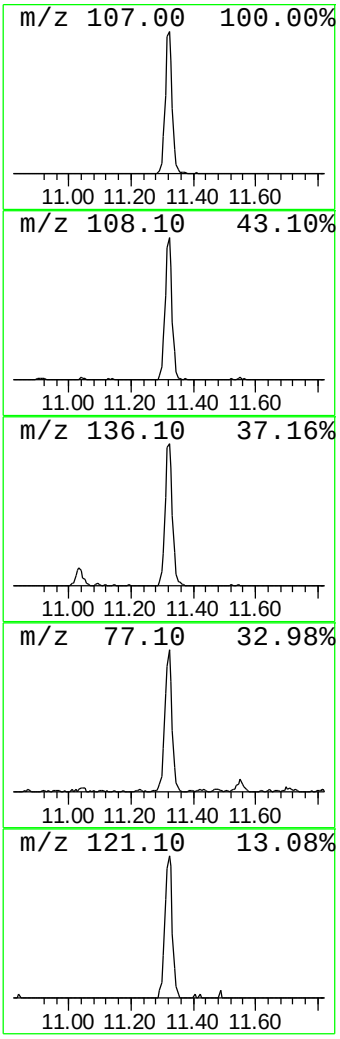

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AC4

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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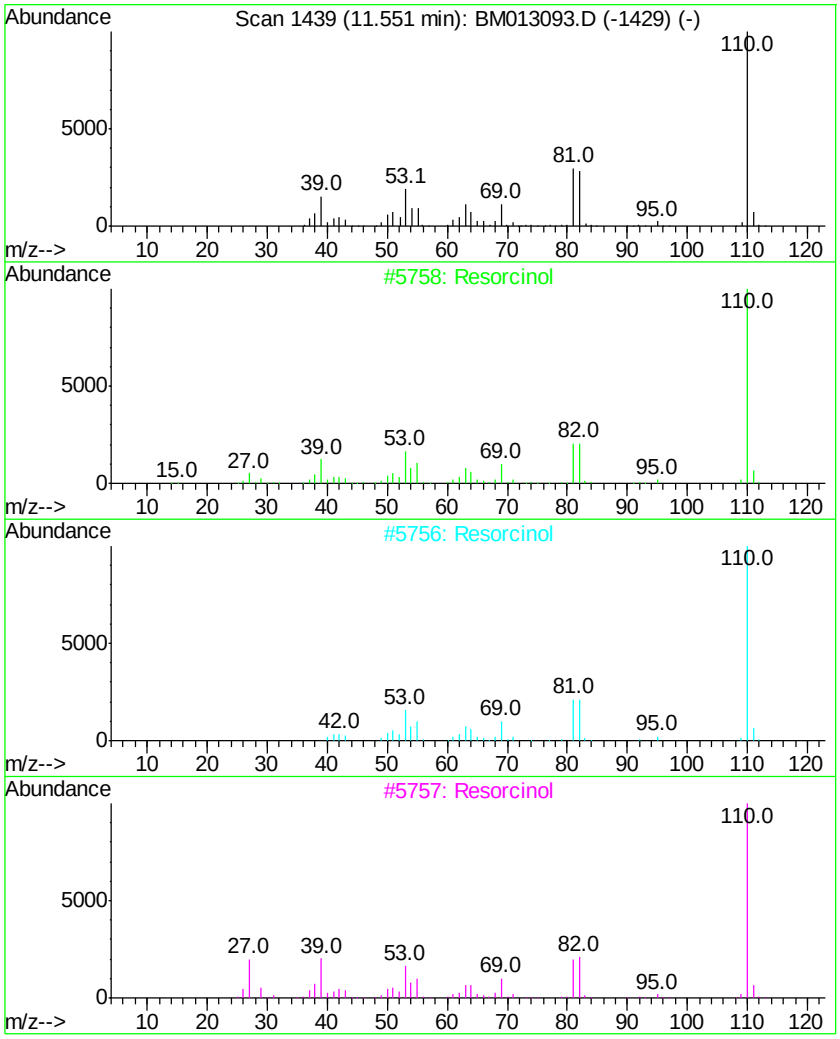
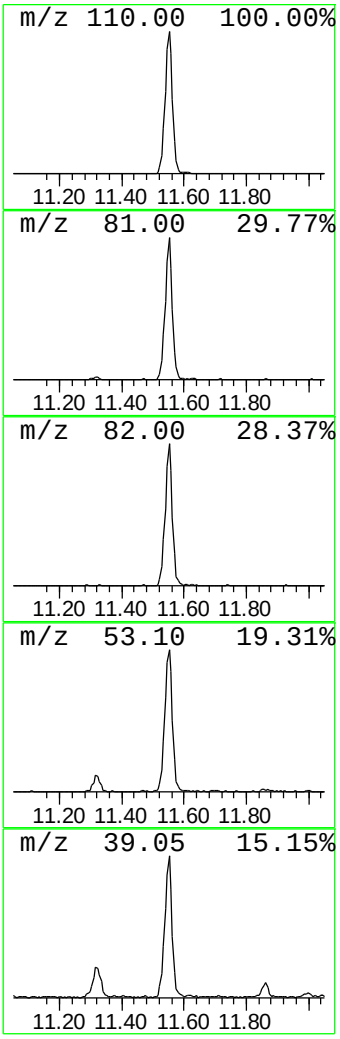
Peak Number 6 Resorcinol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	16.46 ng/ul	1882730	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	Catechol	110	C6H6O2	000120-80-9	64





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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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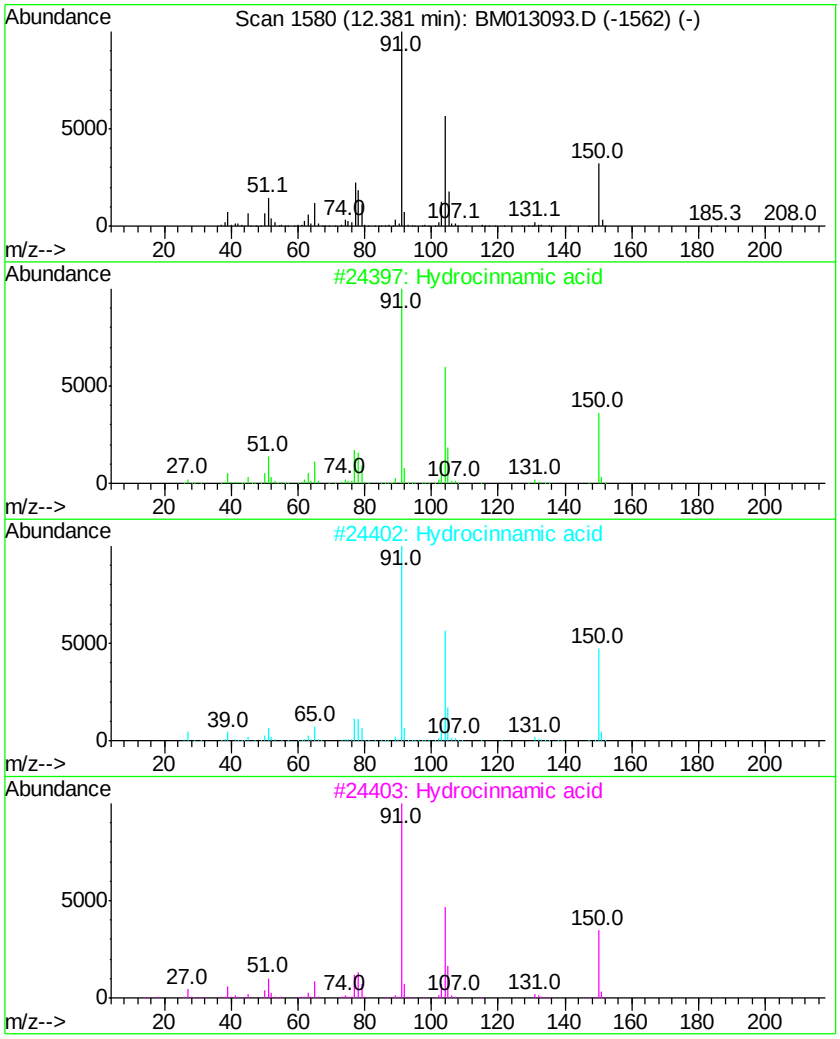
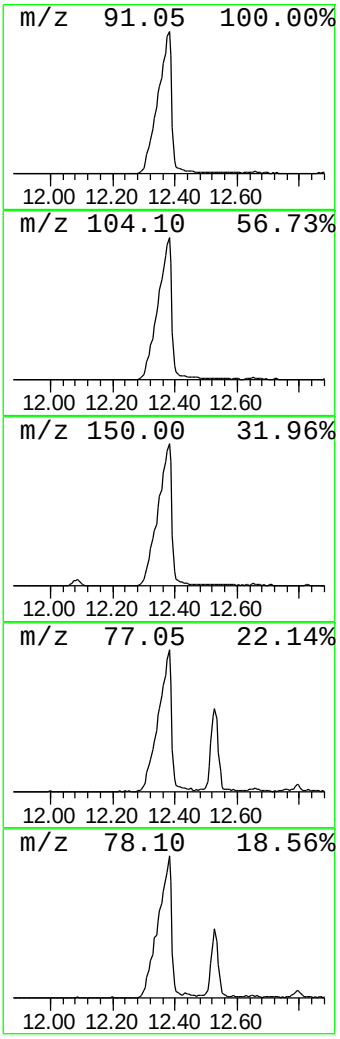
Peak Number 7 Hydrocinnamic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	54.99 ng/ul	6288910	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	Hydrocinnamic acid	150	C9H10O2	000501-52-0	90
3	Hydrocinnamic acid	150	C9H10O2	000501-52-0	87
4	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	80





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Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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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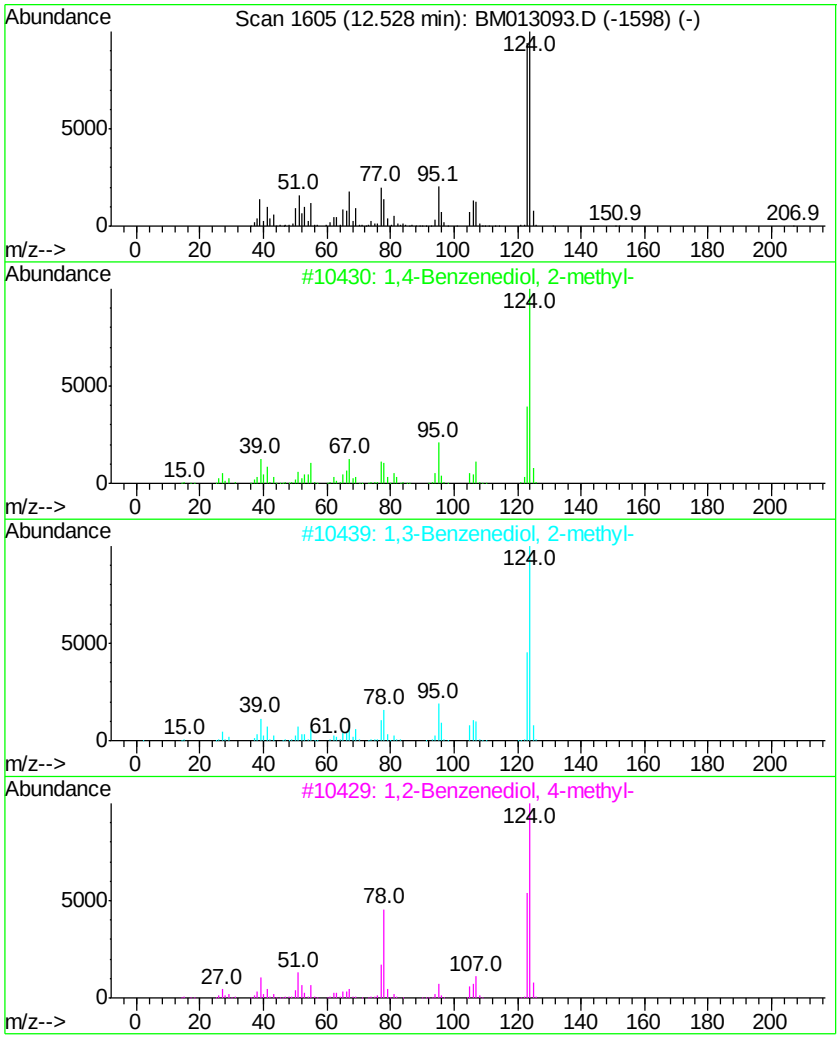
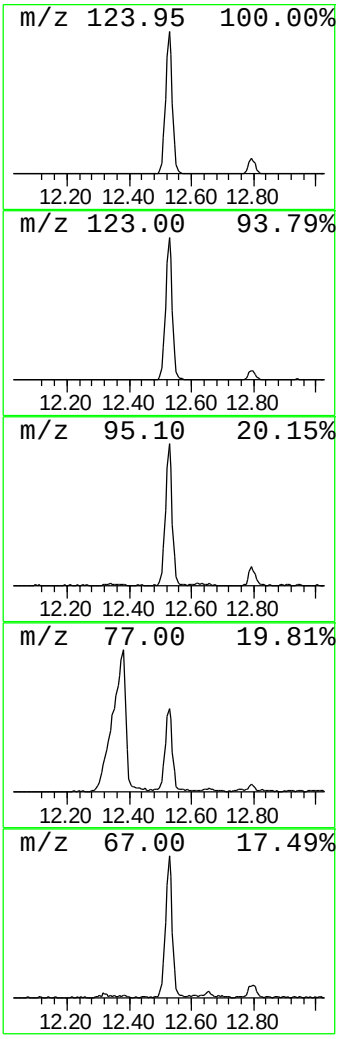
Peak Number 8 1,4-Benzenediol, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	16.45 ng/ul	2418470	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	76
2	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	70
3	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	70
4	Benzaldehyde, 2-fluoro-	124	C7H5FO	000446-52-6	64
5	Orcinol	124	C7H8O2	000504-15-4	62





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Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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Quant Title : SVOA CALIBRATION

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

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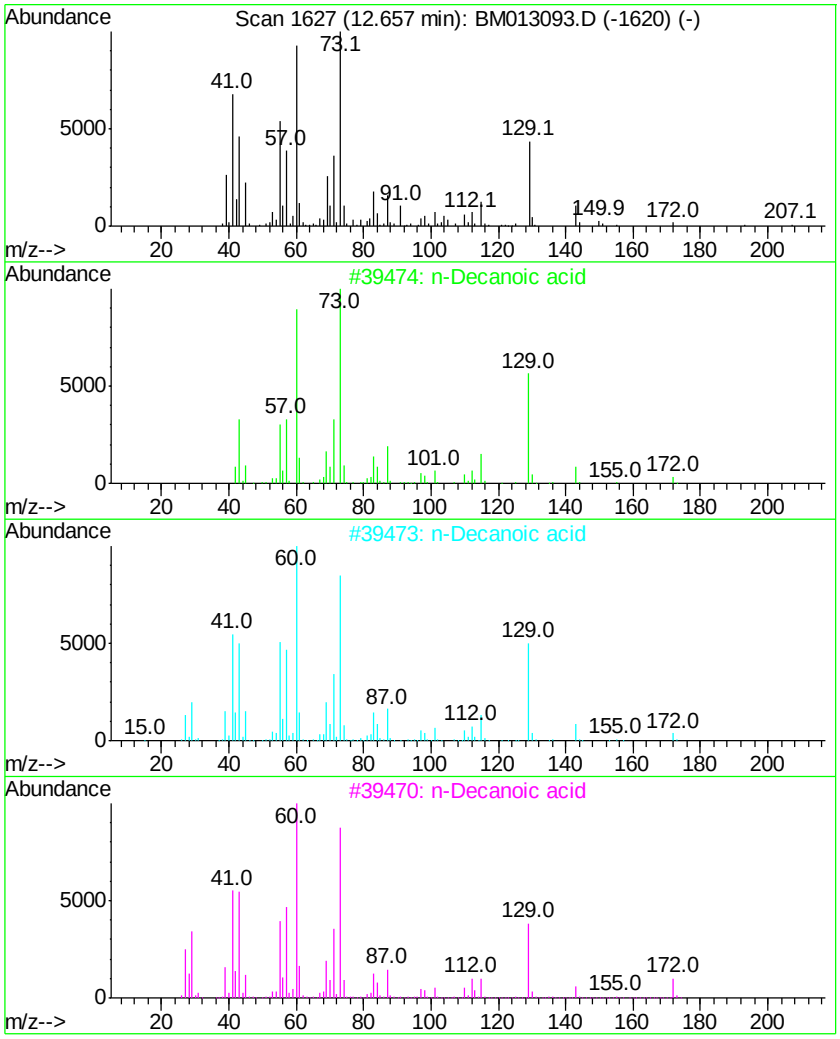
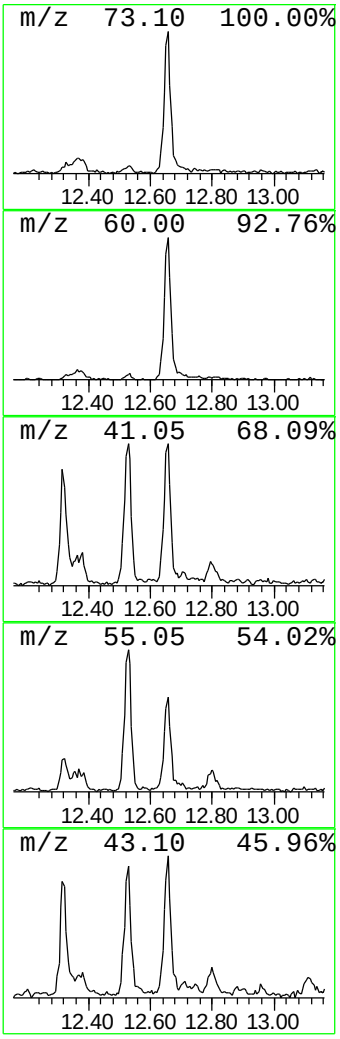
Peak Number 9 n-Decanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	3.77 ng/ul	554832	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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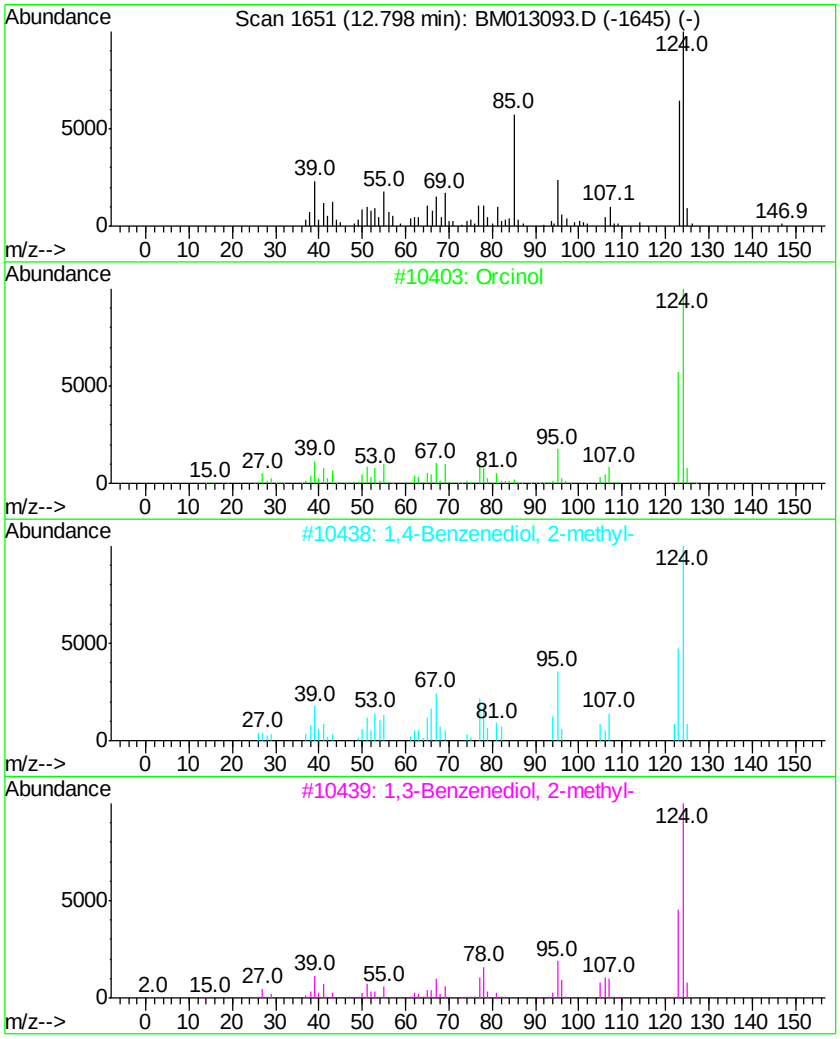
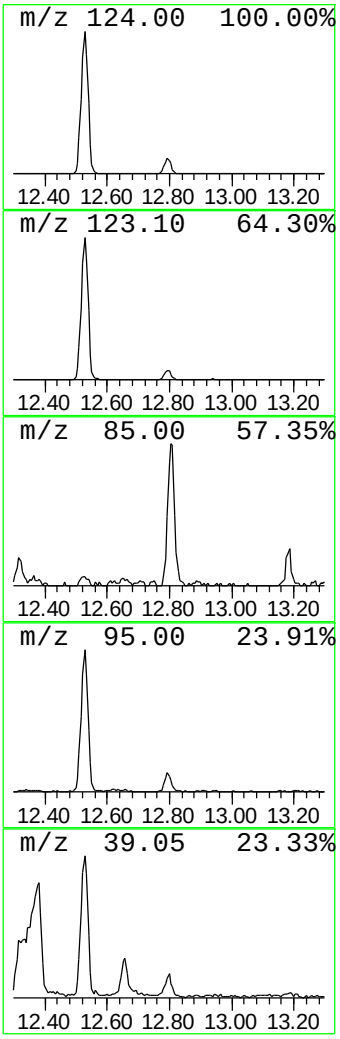
Peak Number 10 Orcinol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.17 ng/ul	319636	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Orcinol	124	C7H8O2	000504-15-4	93
2	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	76
3	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	68
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	64
5	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	64





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Quant Title : SVOA CALIBRATION

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

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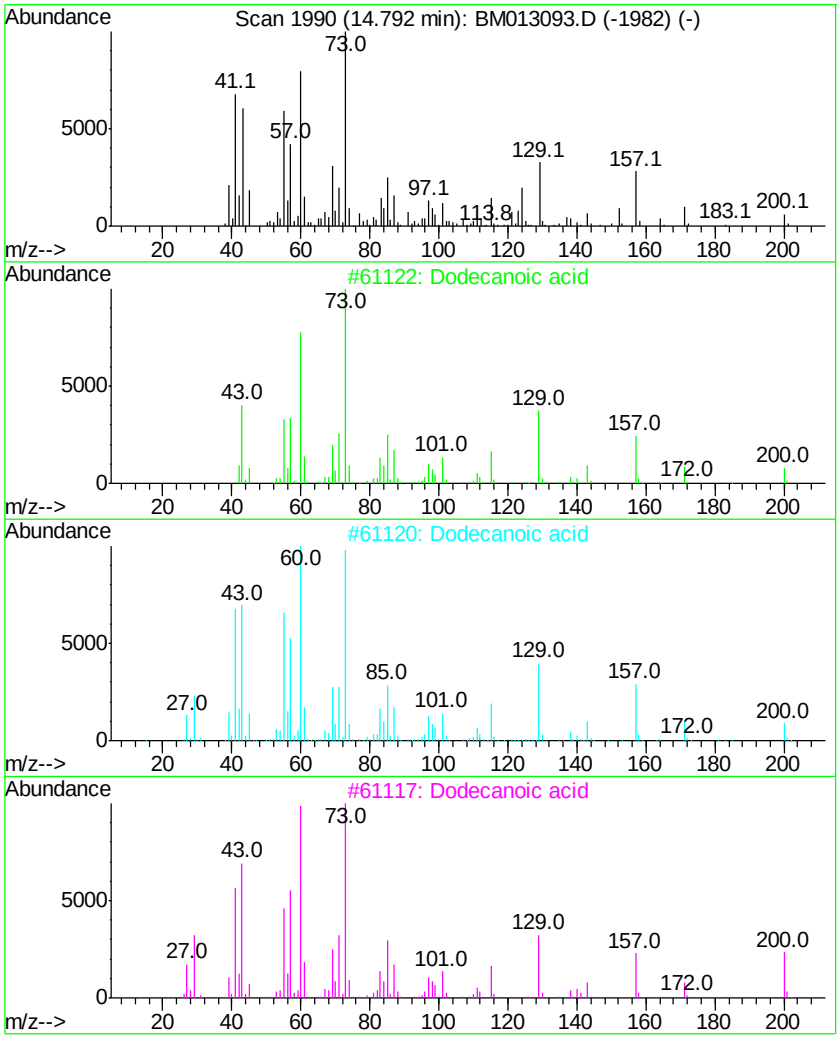
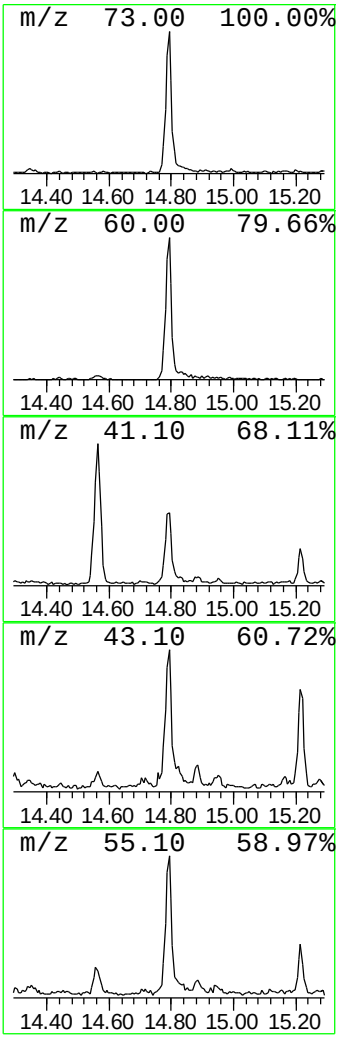
Peak Number 11 Dodecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.78 ng/ul	850156	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	98
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	55





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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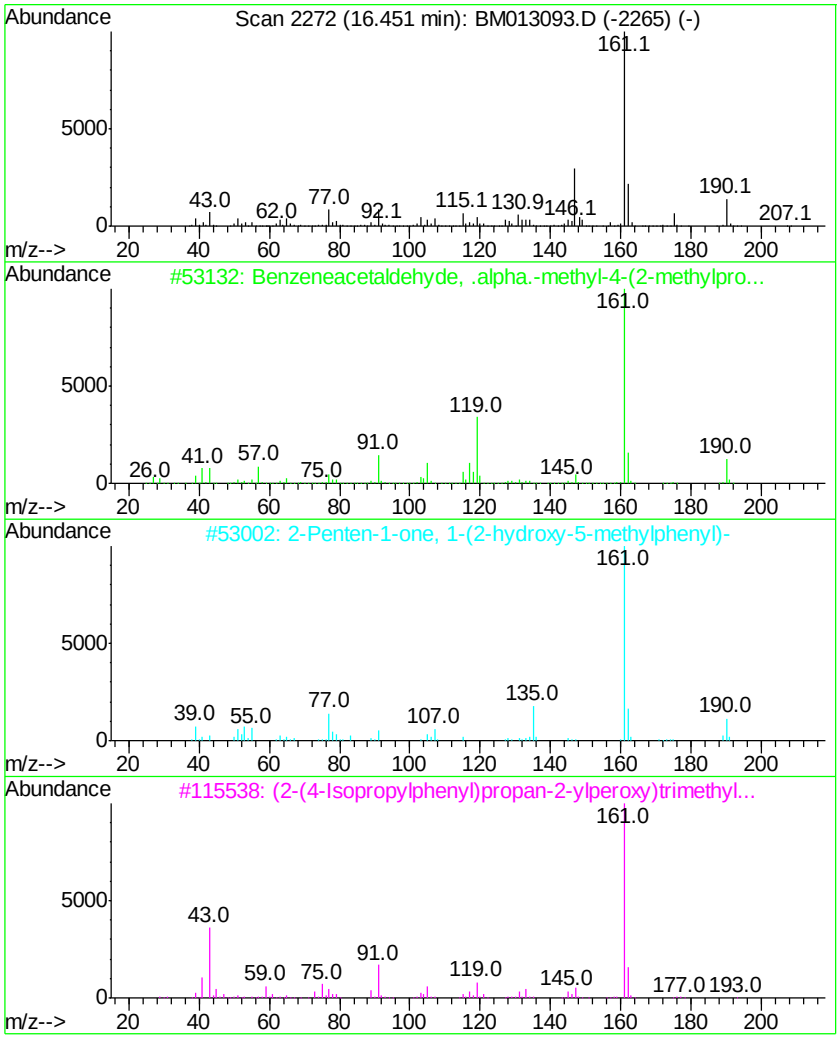
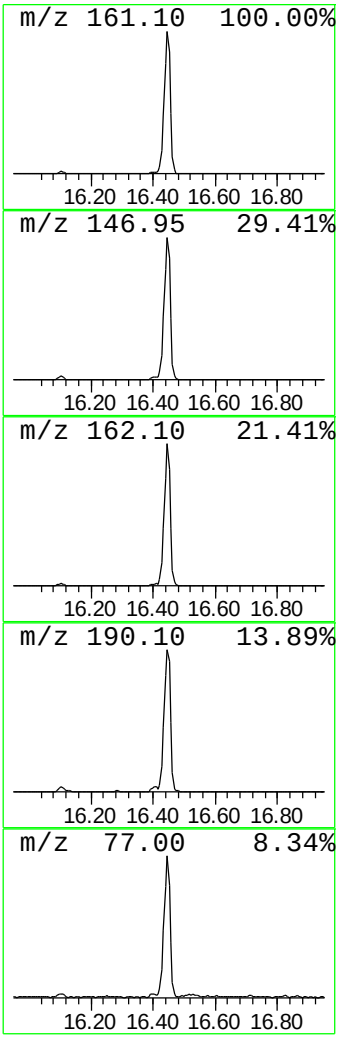
Peak Number 12 Benzeneacetaldehyde, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	31.09 ng/ul	5582370	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	190	C13H18O	051407-46-6	59
2	2-Penten-1-one, 1-(2-hydroxy-5-m...	190	C12H14O2	051956-78-6	58
3	(2-(4-Isopropylphenyl)propan-2-y...	266	C15H26O2Si	1000368-54-0	50
4	Benzoic acid, 4-butyl-, 4-cyanop...	279	C18H17NO2	038690-77-6	47
5	Benzene, 1,3-bis(1-methylpropyl)-	190	C14H22	001079-96-5	42





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ClientSampleId : C0AC4

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Quant Title : SVOA CALIBRATION

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

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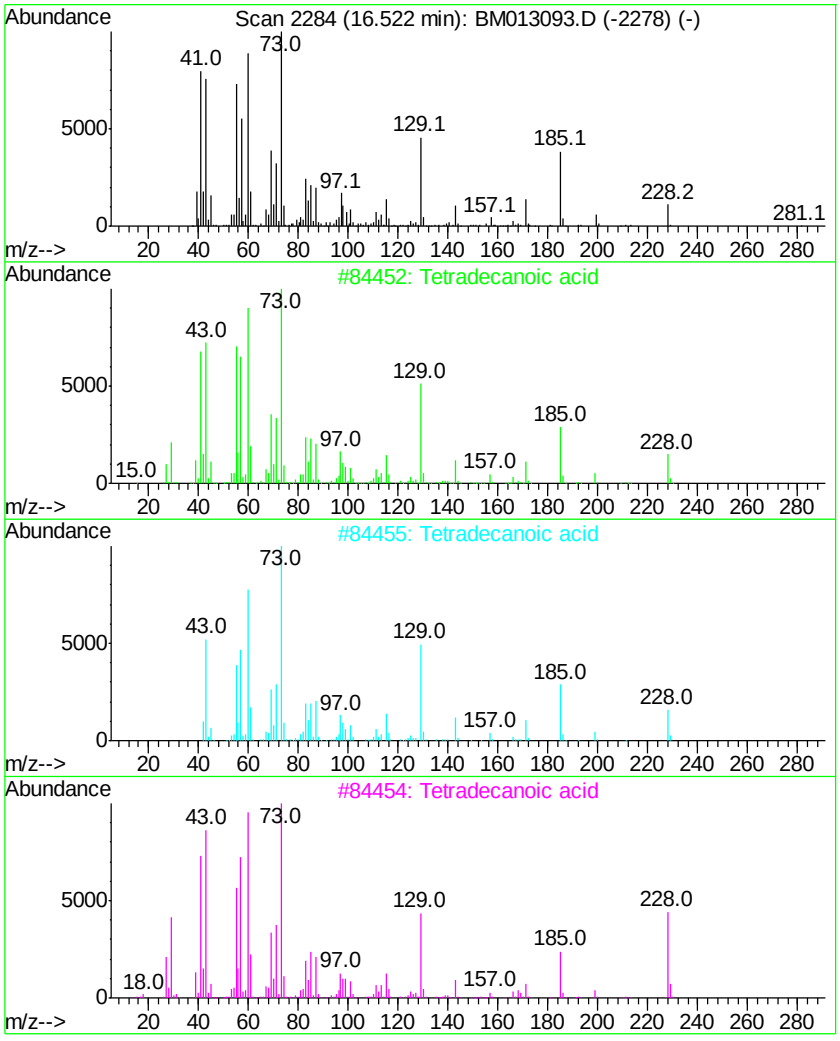
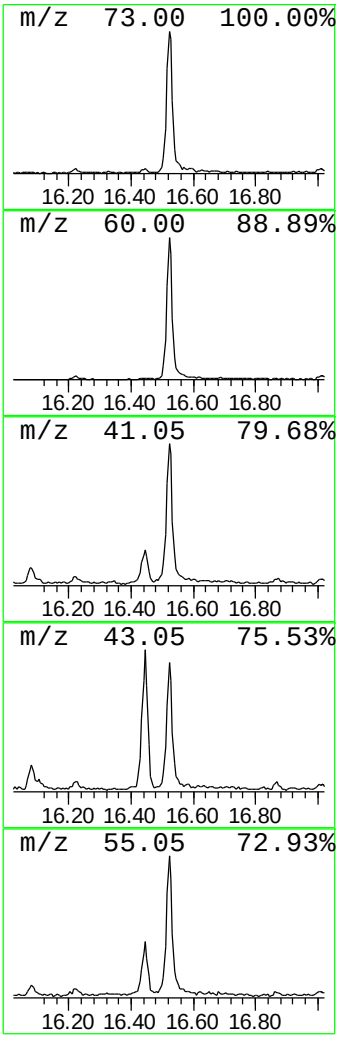
Peak Number 13 Tetradecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	9.67 ng/ul	1735570	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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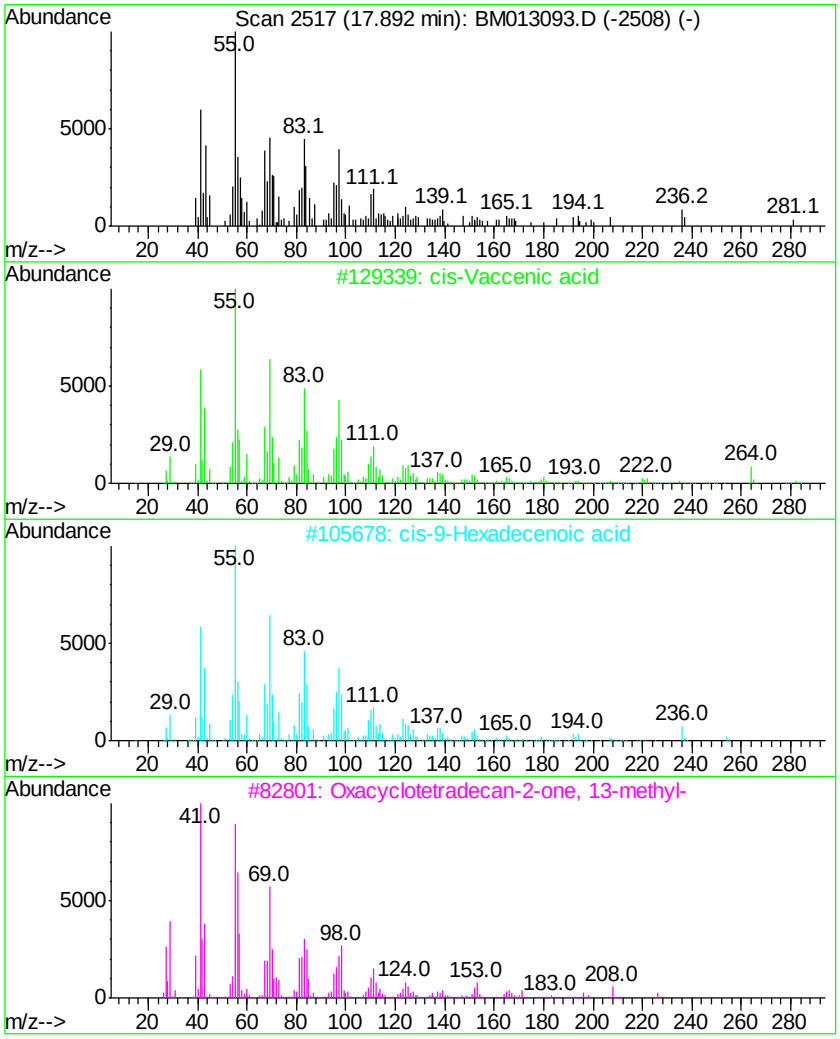
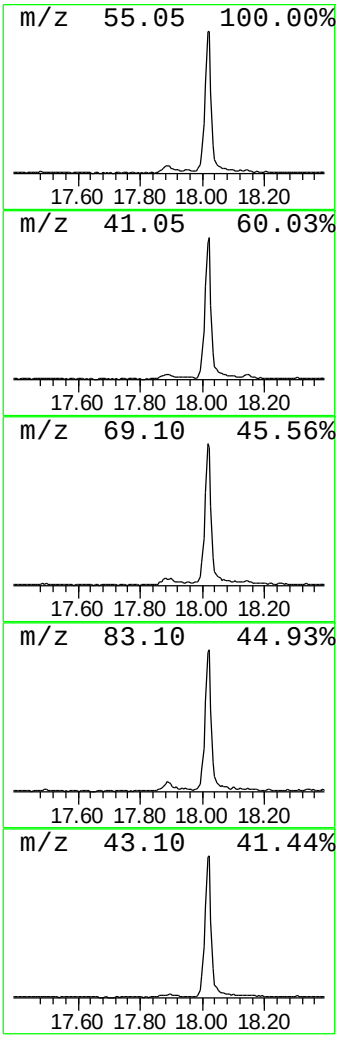
Peak Number 14 cis-Vaccenic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.75 ng/ul	493735	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	72
3	Oxacyclotetradecan-2-one, 13-met...	226	C14H26O2	057092-32-7	72
4	9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	68
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	52





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Quant Title : SVOA CALIBRATION

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

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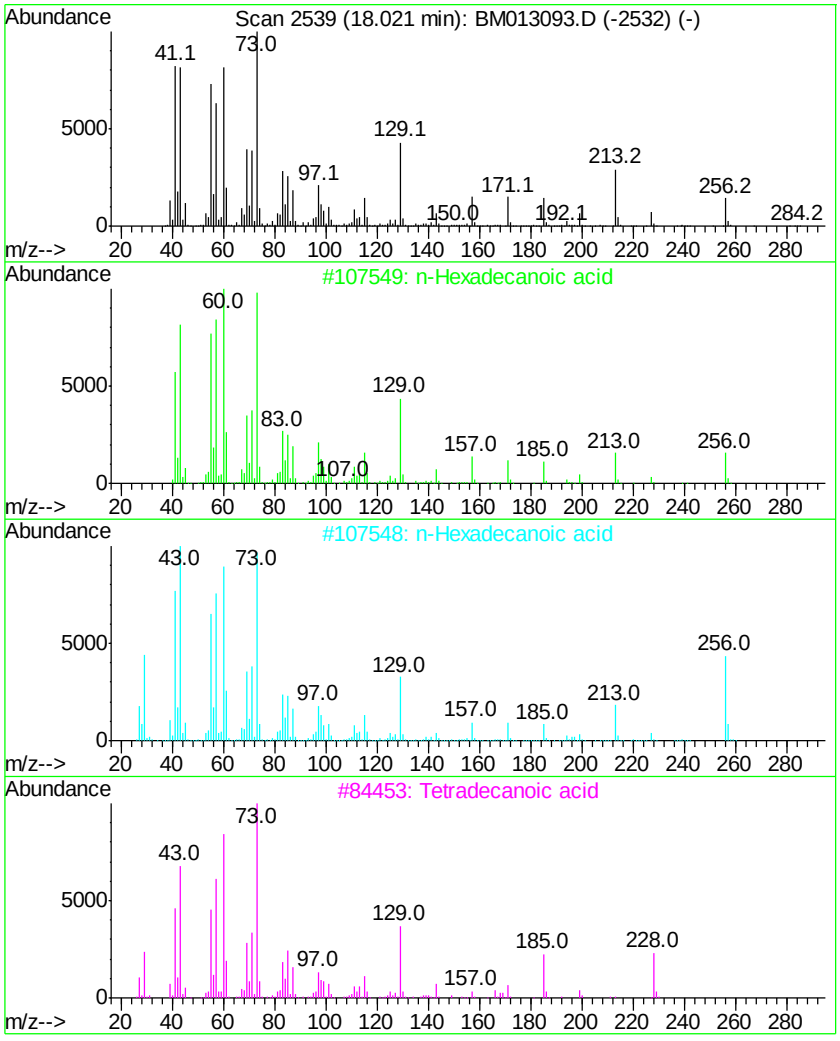
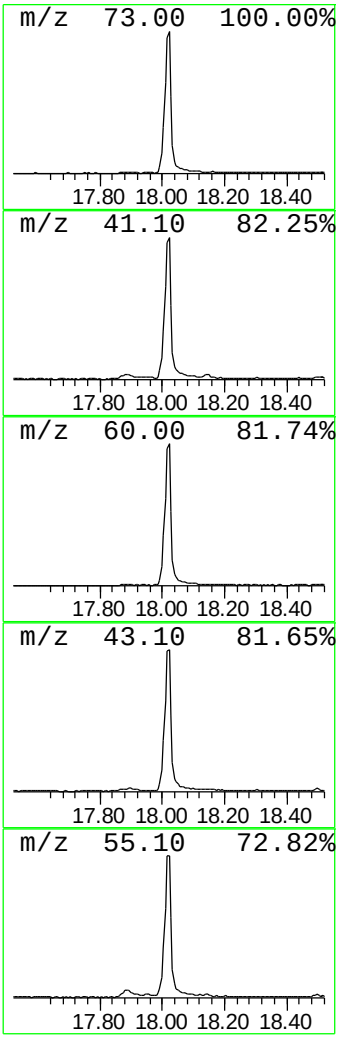
Peak Number 15 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	35.59 ng/ul	6391400	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	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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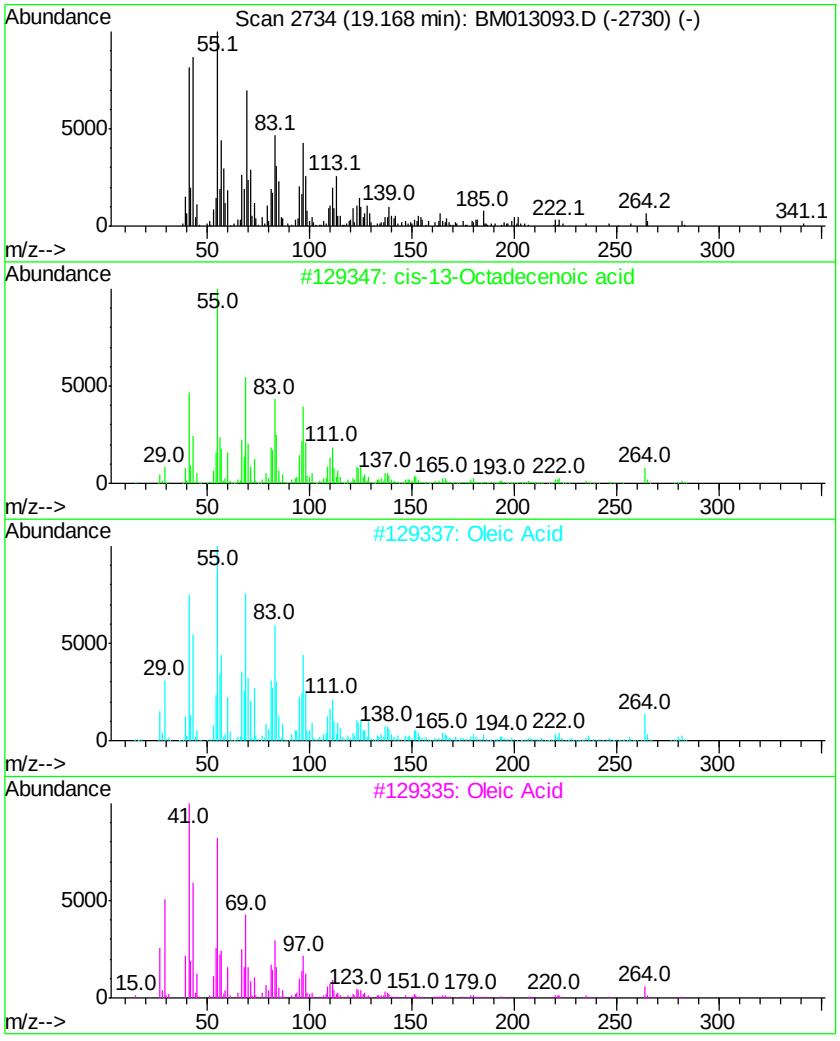
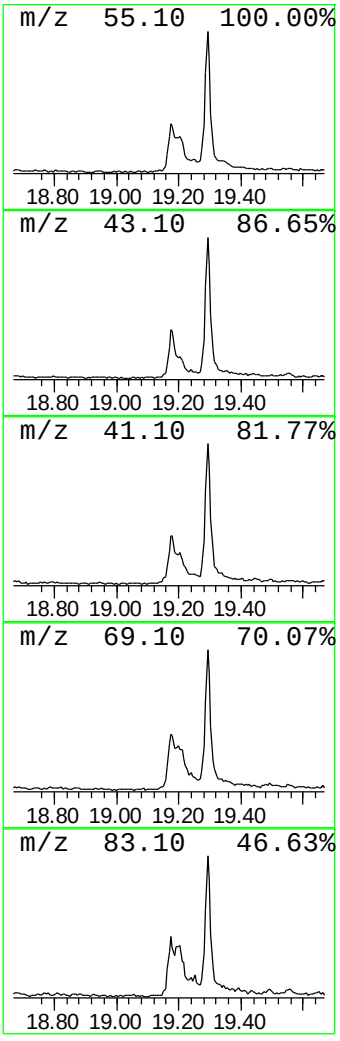
Peak Number 16 cis-13-Octadecenoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	6.16 ng/ul	1105260	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	89
2	Oleic Acid	282	C18H34O2	000112-80-1	78
3	Oleic Acid	282	C18H34O2	000112-80-1	78
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	70
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 17 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	20.36 ng/ul	2626590	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	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
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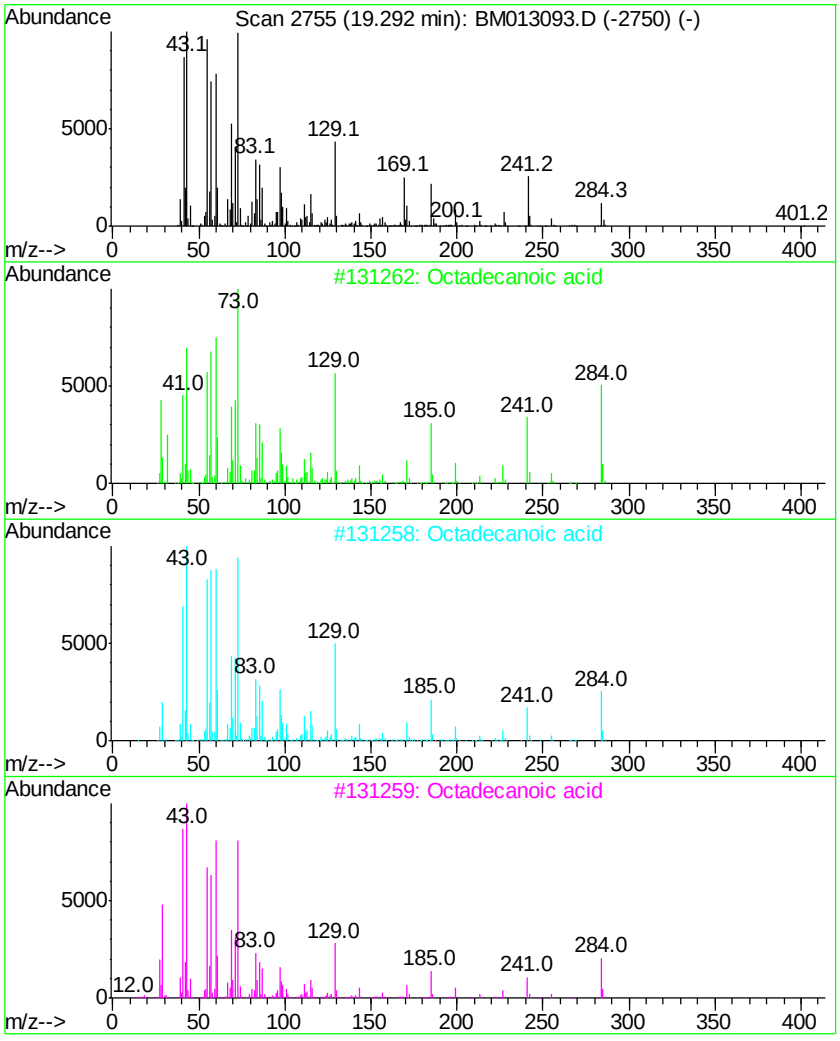

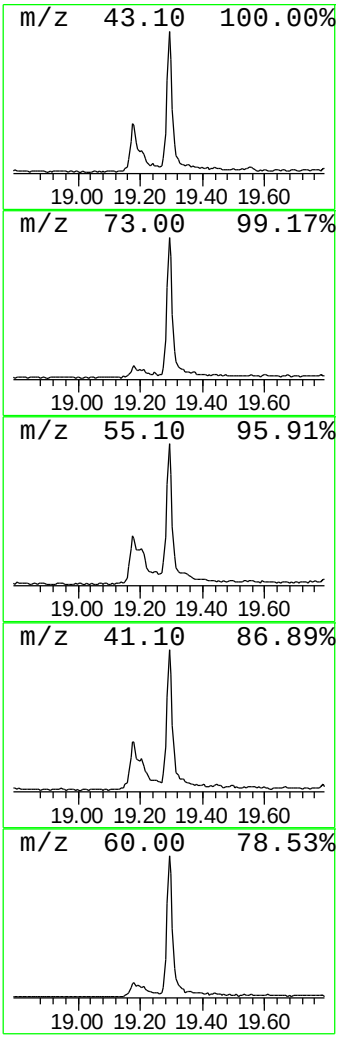

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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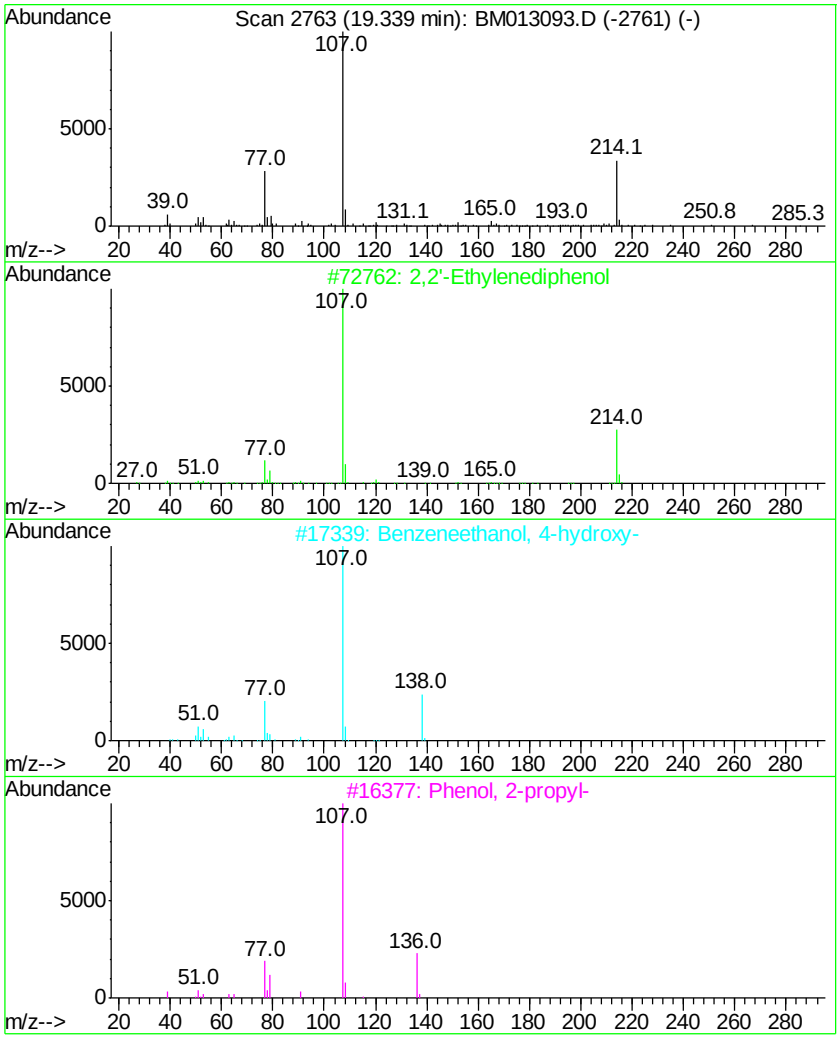
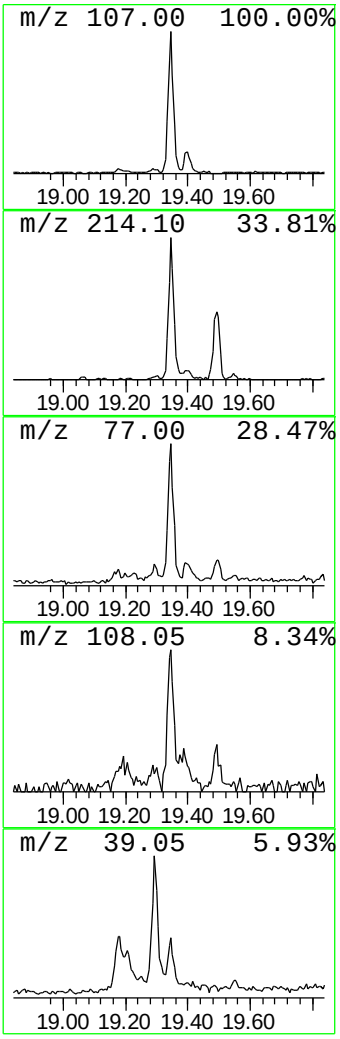
Peak Number 18 2,2'-Ethylenediphenol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.94 ng/ul	379090	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Ethylenediphenol	214	C14H14O2	029338-20-3	72
2	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	50
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	50
4	Phenol, 4-propyl-	136	C9H12O	000645-56-7	43
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	43





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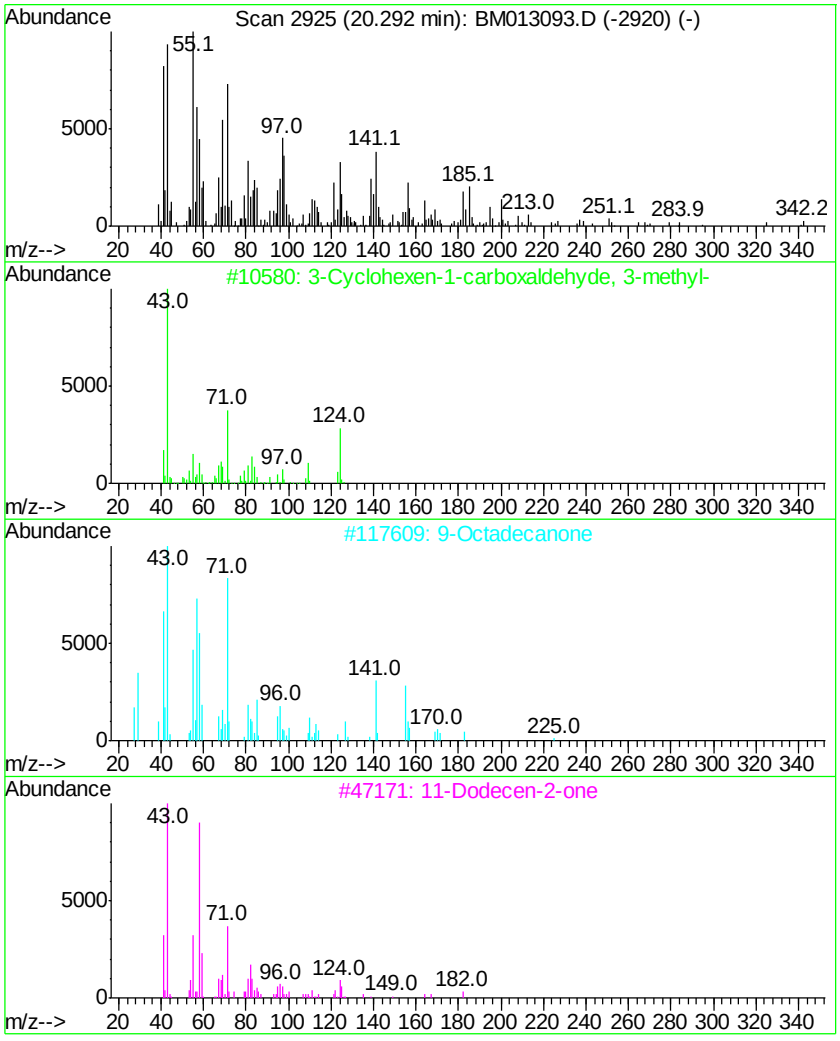
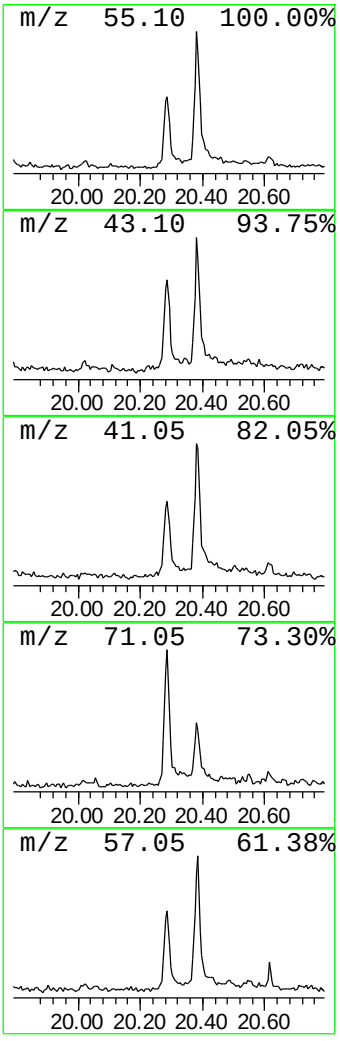
Peak Number 19 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	5.69 ng/ul	734329	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-carboxaldehyde, 3...	124	C8H12O	056980-32-6	42
2	9-Octadecanone	268	C18H36O	018394-00-8	38
3	11-Dodecen-2-one	182	C12H22O	005009-33-6	38
4	9-Heptadecanone	254	C17H34O	000540-08-9	35
5	2,2'-Isopropylidenebis(tetrahydr...	184	C11H20O2	089686-69-1	27





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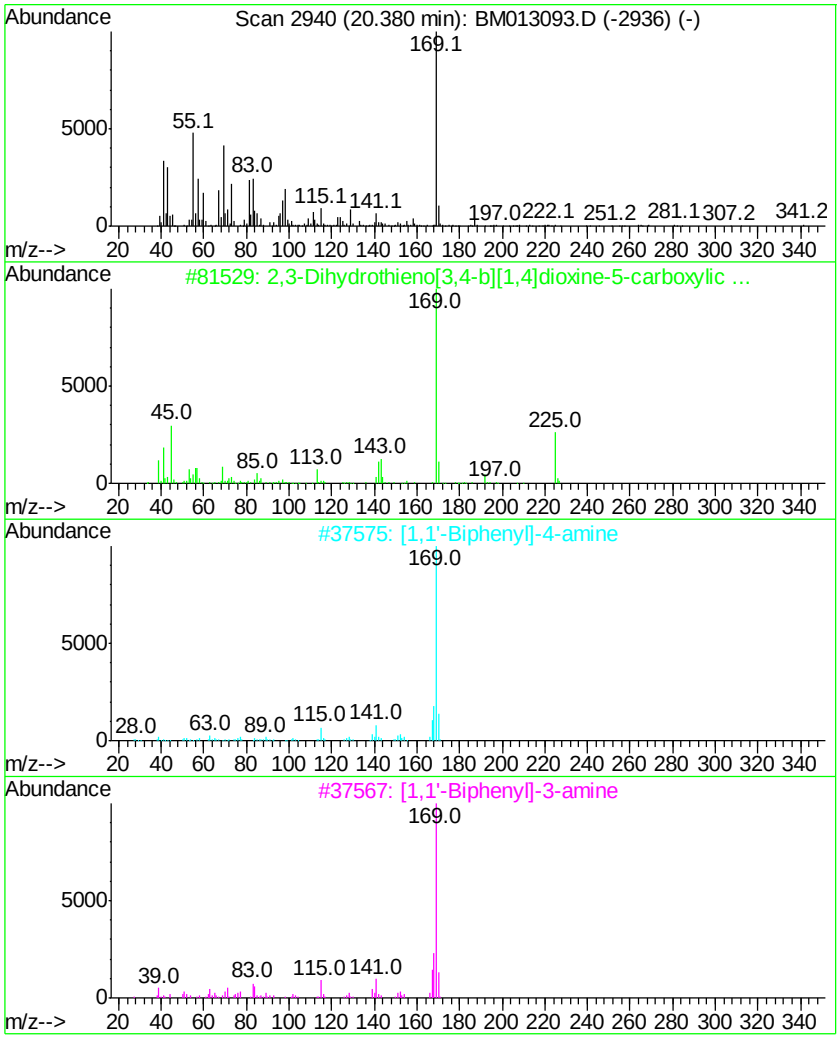
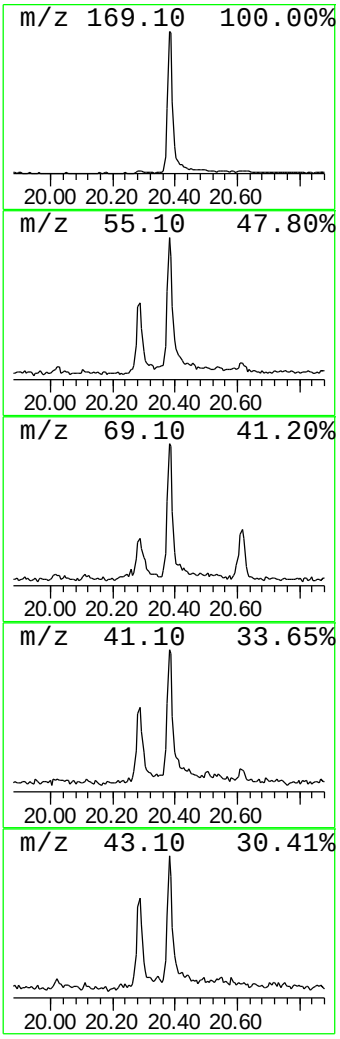
Peak Number 20 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	10.88 ng/ul	1403980	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydrothieno[3,4-b][1,4]dio...	225	C10H11NO3S	1000304-19-7	43
2	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	43
3	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	43
4	7-Hydroxy-2-naphthalenecarbonitrile	169	C11H7NO	1000326-75-0	38
5	7-Hydroxy-1-naphthalenecarbonitrile	169	C11H7NO	1000326-74-9	38





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Data File : BM013093.D
Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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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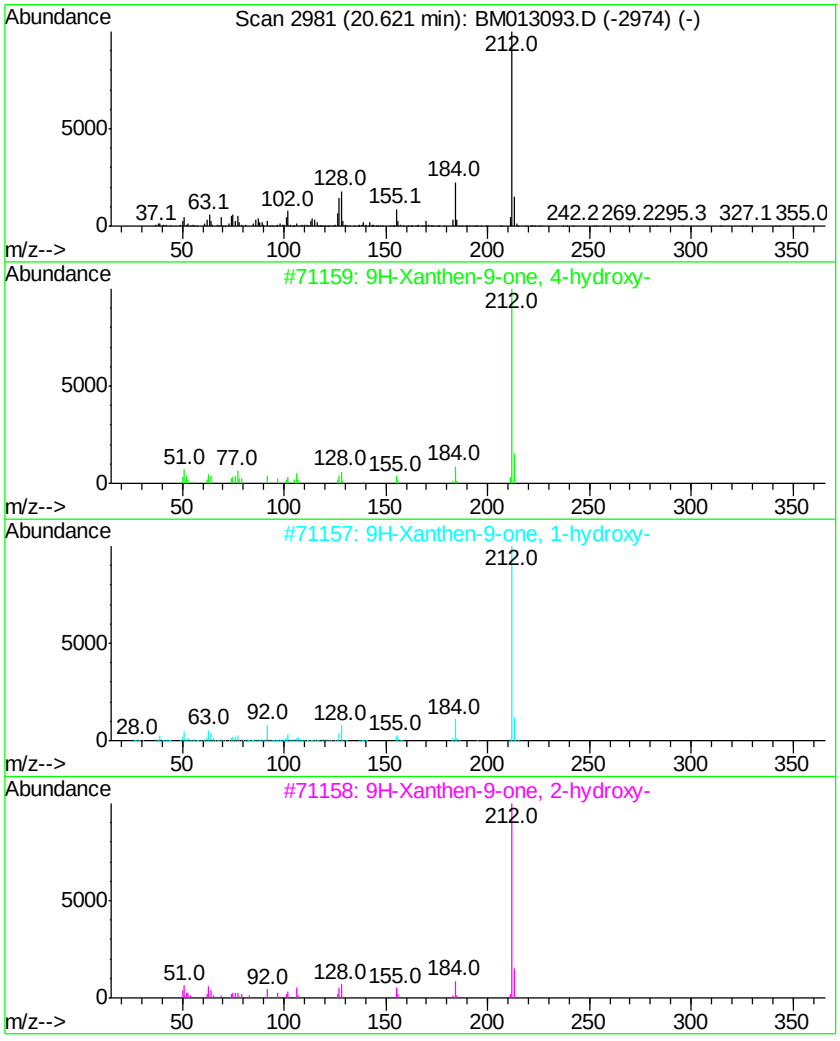
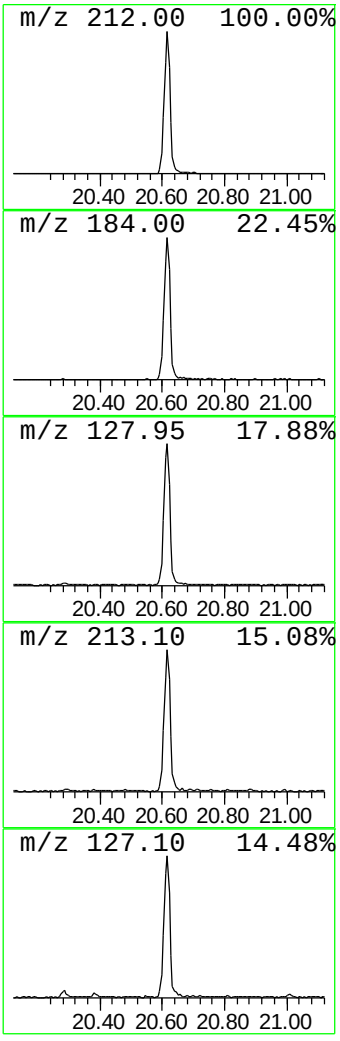
Peak Number 21 9H-Xanthen-9-one, 4-hydroxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	17.15 ng/ul	2212170	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthen-9-one, 4-hydroxy-	212	C13H8O3	014686-63-6	93
2	9H-Xanthen-9-one, 1-hydroxy-	212	C13H8O3	000719-41-5	90
3	9H-Xanthen-9-one, 2-hydroxy-	212	C13H8O3	001915-98-6	87
4	2-Methyl-3,4-quinolinedicarboxyl...	212	C12H8N2O2	027295-64-3	72
5	2,3-Phenazinediol	212	C12H8N2O2	019220-18-9	72





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Acq On : 22 Nov 2017 19:44
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Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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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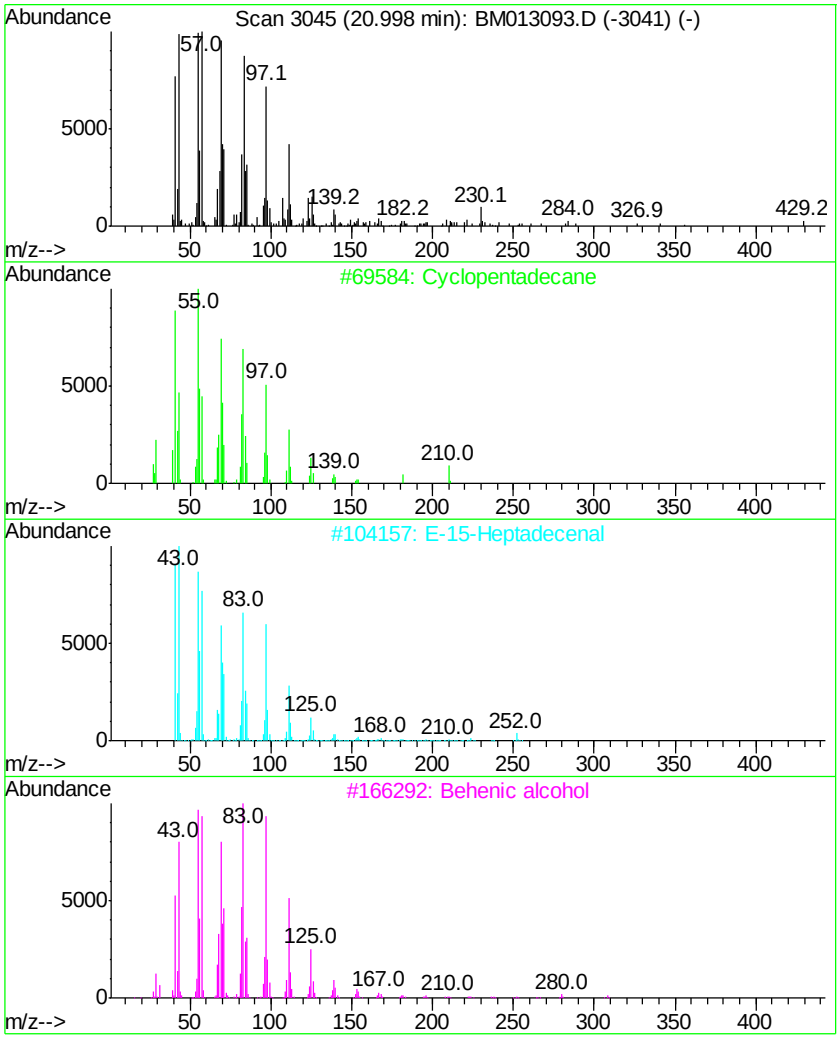
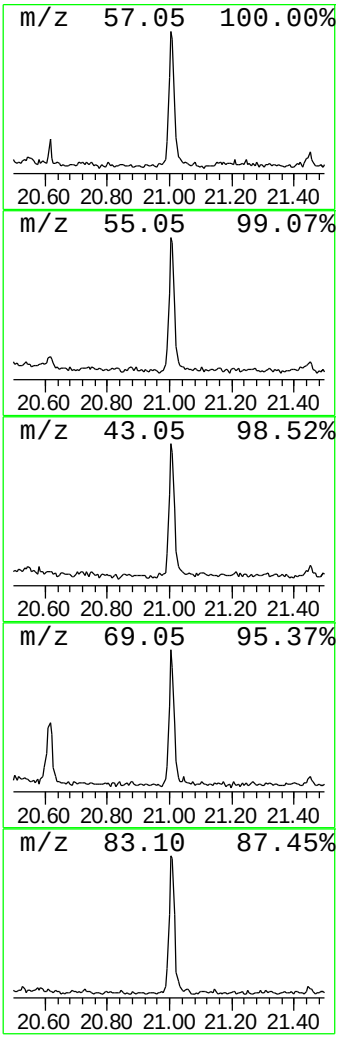
Peak Number 22 (DEL) Alkane: Cyclic21.00 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	6.93 ng/ul	893902	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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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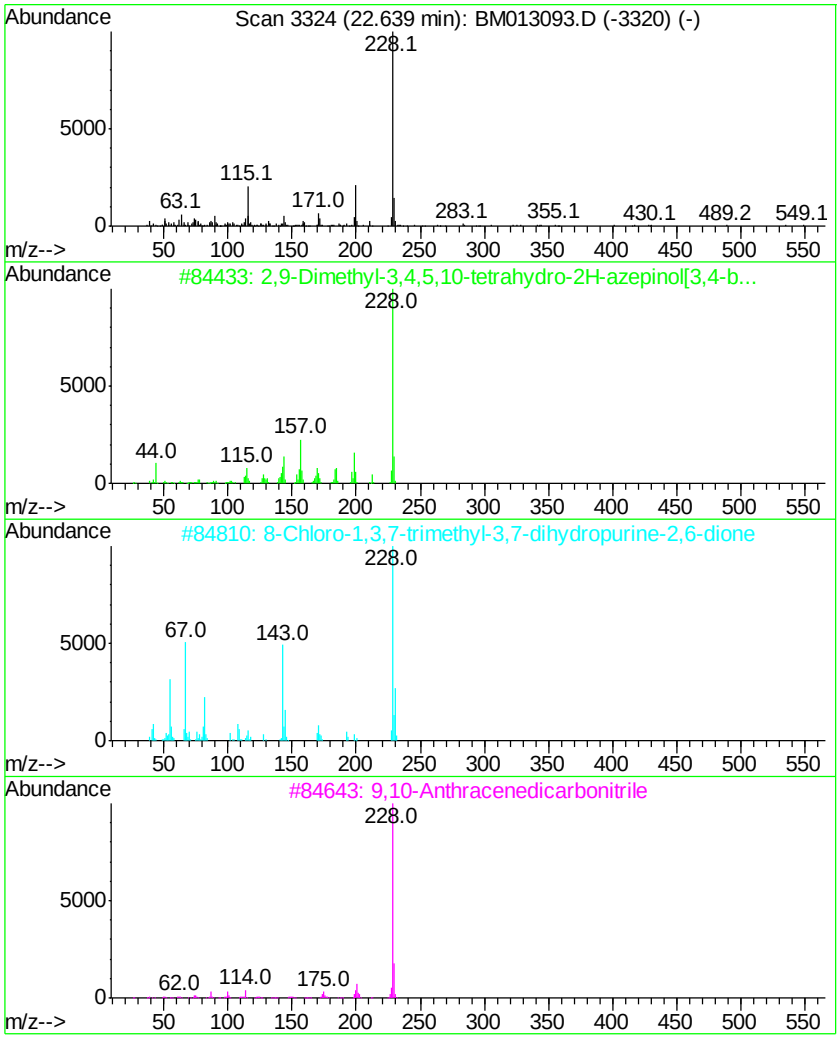
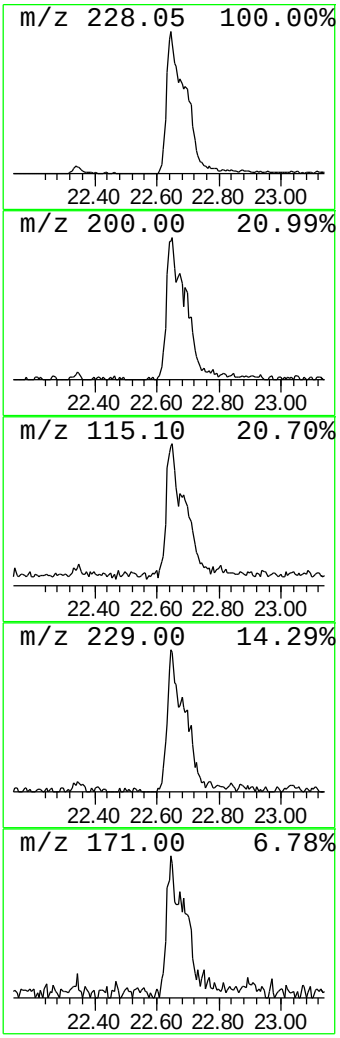
Peak Number 23 2,9-Dimethyl-3,4,5,10-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	11.69 ng/ul	1361760	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,9-Dimethyl-3,4,5,10-tetrahydro...	228	C14H16N2O	329689-41-0	53
2	8-Chloro-1,3,7-trimethyl-3,7-dih...	228	C8H9ClN4O2	1000311-63-6	52
3	9,10-Anthracenedicarbonitrile	228	C16H8N2	001217-45-4	52
4	9,10-Anthracenedicarbonitrile	228	C16H8N2	001217-45-4	50
5	3-Nitro-phenoxazine	228	C12H8N2O3	020464-44-2	50





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Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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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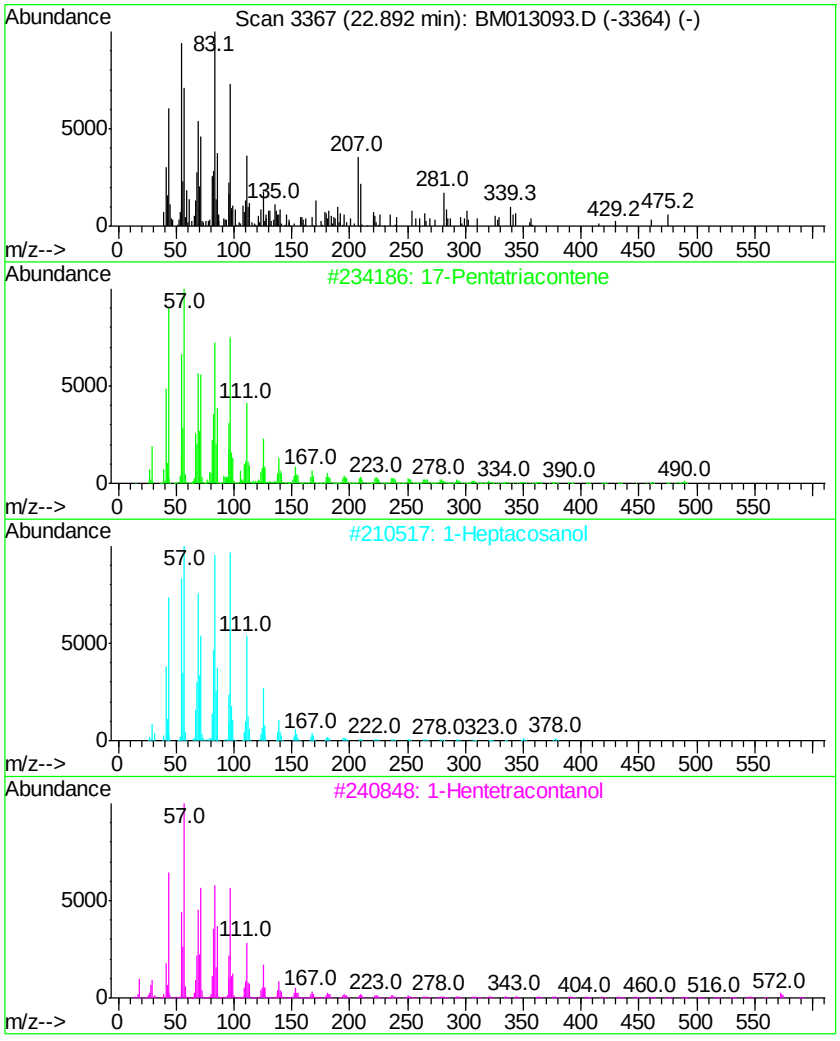
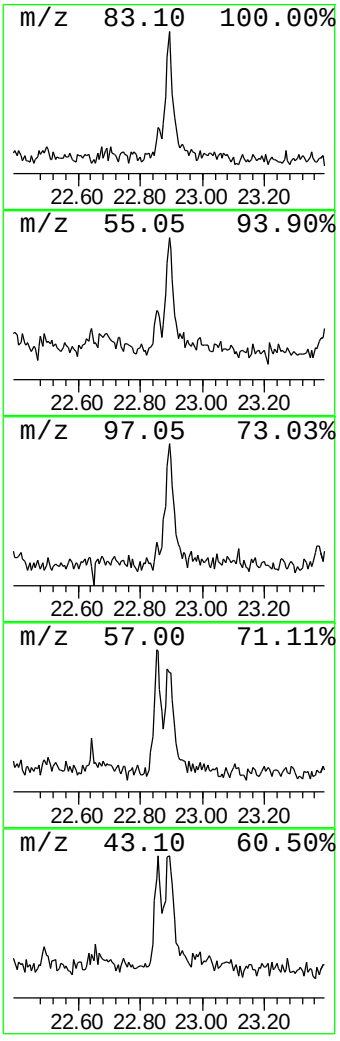
Peak Number 24 (DEL) Alkane: Cyclic22.89 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	2.92 ng/ul	339969	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	55
2	1-Heptacosanol	396	C27H56O	002004-39-9	50
3	1-Hentetracontanol	593	C41H84O	040710-42-7	46
4	4-Isopropyldicyclohexylmethane	222	C16H30	054965-61-6	46
5	Triacontyl acetate	480	C32H64O2	041755-58-2	46





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Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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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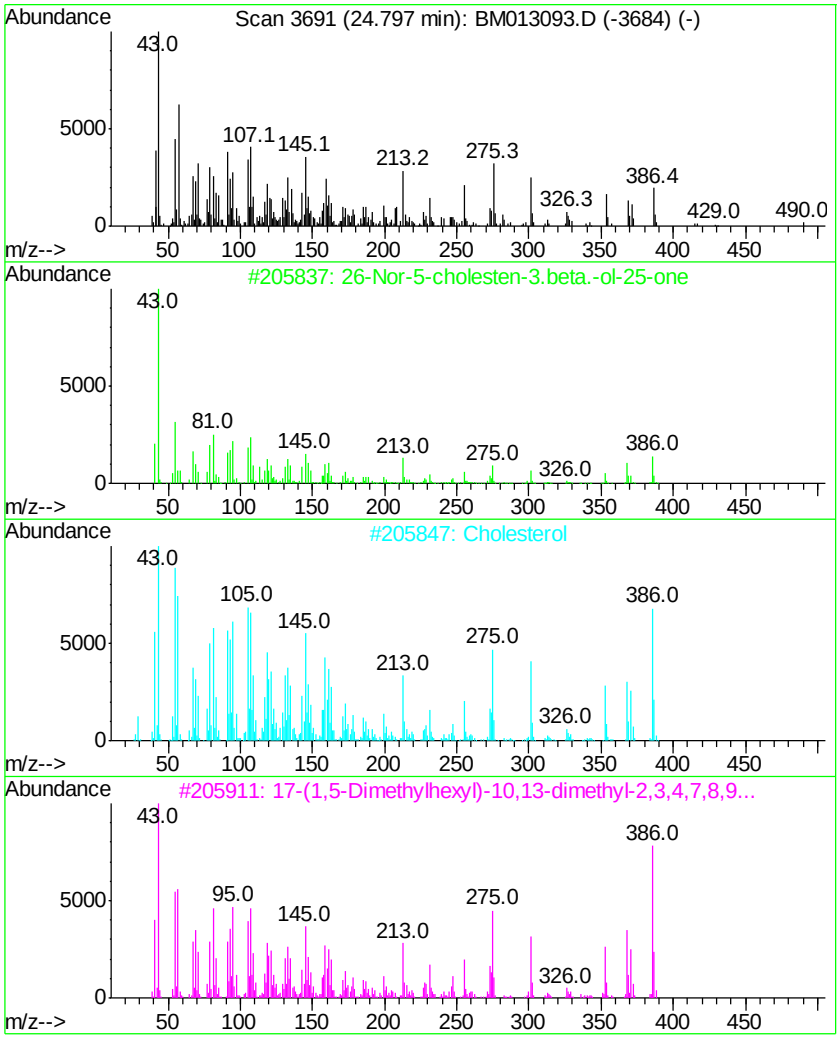
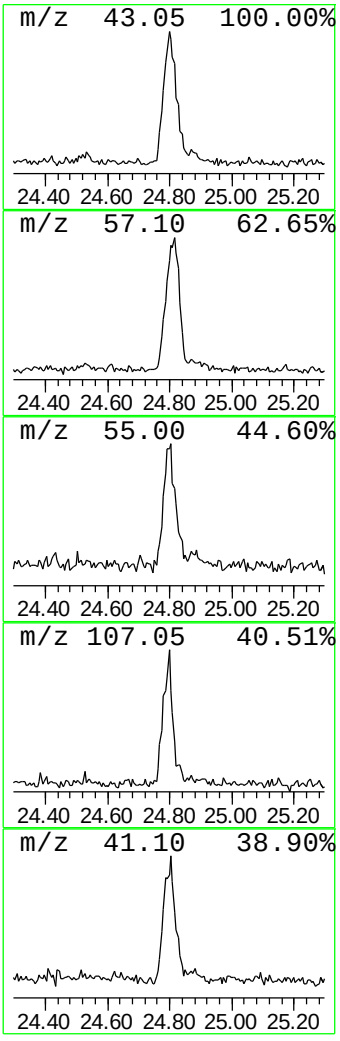
Peak Number 25 26-Nor-5-cholesten-3.beta.-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	10.85 ng/ul	1264160	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	96
2	Cholesterol	386	C27H46O	000057-88-5	95
3	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	95
4	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	91
5	Cholesterol	386	C27H46O	000057-88-5	90





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Acq On : 22 Nov 2017 19:44
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Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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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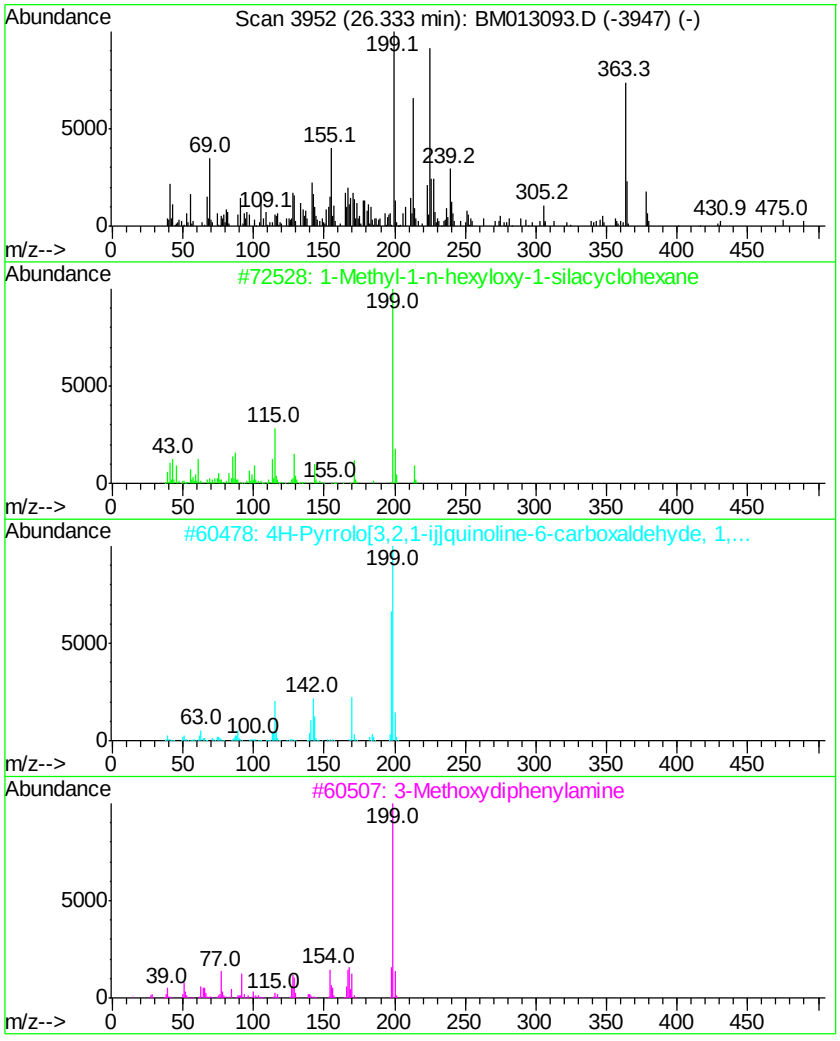
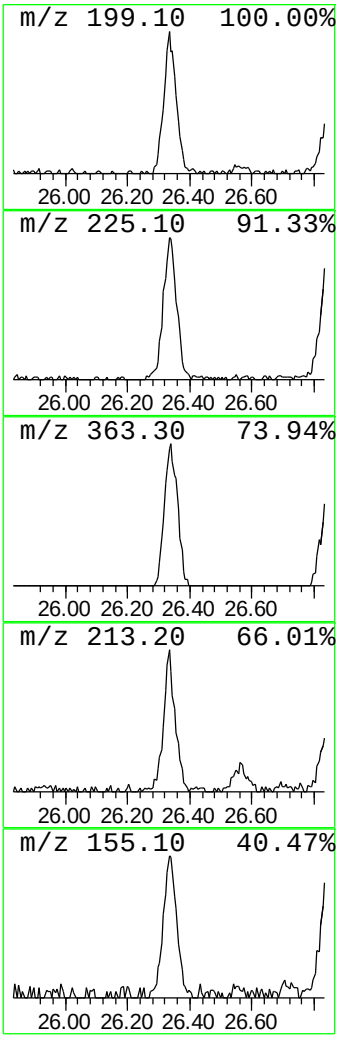
Peak Number 26 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	6.88 ng/ul	801827	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-n-hexyloxy-1-silacycl...	214	C12H26OSi	1000245-78-9	25
2	4H-Pyrrolo[3,2,1-ij]quinoline-6-...	199	C12H9NO2	1000351-57-6	25
3	3-Methoxydiphenylamine	199	C13H13NO	000101-16-6	15
4	3-Methoxydiphenylamine	199	C13H13NO	000101-16-6	11
5	Benzylethyl-m-toluidine	225	C16H19N	069295-70-1	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112217\
Data File : BM013093.D
Acq On : 22 Nov 2017 19:44
Operator : SJ/JU
Sample : I6514-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC4

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
Butanoic acid	3.92	9.3	ng/ul	750334	1	7.71	1616320	20.0
Pentanoic acid	5.27	8.6	ng/ul	697580	1	7.71	1616320	20.0
Cyclohexanecarbox...	9.15	3.0	ng/ul	347078	2	10.49	2287190	20.0
Phenol, 3-ethyl-	9.95	5.6	ng/ul	641781	2	10.49	2287190	20.0
Phenol, 2-propyl-	11.32	6.0	ng/ul	689359	2	10.49	2287190	20.0
Resorcinol	11.55	16.5	ng/ul	1882730	2	10.49	2287190	20.0
Hydrocinnamic acid	12.38	55.0	ng/ul	6288910	2	10.49	2287190	20.0
1,4-Benzenediol, ...	12.53	16.4	ng/ul	2418470	3	14.35	2941130	20.0
n-Decanoic acid	12.66	3.8	ng/ul	554832	3	14.35	2941130	20.0
Orcinol	12.80	2.2	ng/ul	319636	3	14.35	2941130	20.0
Dodecanoic acid	14.79	5.8	ng/ul	850156	3	14.35	2941130	20.0
Benzeneacetaldehy...	16.45	31.1	ng/ul	5582370	4	17.10	3591340	20.0
Tetradecanoic acid	16.52	9.7	ng/ul	1735570	4	17.10	3591340	20.0
cis-Vaccenic acid	17.89	2.8	ng/ul	493735	4	17.10	3591340	20.0
n-Hexadecanoic acid	18.02	35.6	ng/ul	6391400	4	17.10	3591340	20.0
cis-13-Octadeceno...	19.17	6.2	ng/ul	1105260	4	17.10	3591340	20.0
Octadecanoic acid	19.29	20.4	ng/ul	2626590	5	21.28	2580270	20.0
2,2'-Ethylenediph...	19.34	2.9	ng/ul	379090	5	21.28	2580270	20.0
unknown-01	20.29	5.7	ng/ul	734329	5	21.28	2580270	20.0
unknown-02	20.38	10.9	ng/ul	1403980	5	21.28	2580270	20.0
9H-Xanthen-9-one,...	20.62	17.1	ng/ul	2212170	5	21.28	2580270	20.0
(DEL) Alkane: Cyc...	21.00	6.9	ng/ul	893902	5	21.28	2580270	20.0
2,9-Dimethyl-3,4,...	22.64	11.7	ng/ul	1361760	6	23.51	2329960	20.0
(DEL) Alkane: Cyc...	22.89	2.9	ng/ul	339969	6	23.51	2329960	20.0
26-Nor-5-choleste...	24.80	10.9	ng/ul	1264160	6	23.51	2329960	20.0
unknown-03	26.33	6.9	ng/ul	801827	6	23.51	2329960	20.0