LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013096.D
Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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	3.881	123	135	145	rVB	135463	313041	1.56%	0.270%
2	5.234	353	365	373	rBV2	117229	305666	1.52%	0.263%
3	6.916	639	651	658	rVB2	2098231	4836709	24.07%	4.166%
4	7.051	664	674	683	rVB	841420	1305318	6.50%	1.124%
5	7.245	699	707	714	rBV	1181997	1864530	9.28%	1.606%
6	7.710	775	786	794	rBV	895438	1420652	7.07%	1.224%
7	8.422	898	907	912	rBV	1357279	2379752	11.85%	2.050%
8	8.504	912	921	927	rVB	11184606	20090334	100.00%	17.304%
9	8.869	975	983	989	rBV	1097853	1823746	9.08%	1.571%
10	9.581	1097	1104	1115	rVB2	1115276	1837635	9.15%	1.583%
11	9.945	1157	1166	1176	rVB	236792	445063	2.22%	0.383%
12	10.116	1188	1195	1204	rBV	1521086	2453296	12.21%	2.113%
13	10.492	1251	1259	1266	rBV	1188001	1913855	9.53%	1.648%
14	10.634	1275	1283	1296	rBV	1245731	2143689	10.67%	1.846%
15	11.322	1390	1400	1407	rBV	280521	477735	2.38%	0.411%
16	11.545	1430	1438	1448	rBV	792343	1358595	6.76%	1.170%
17	12.357	1561	1576	1597	rBV	1188933	3344369	16.65%	2.881%
18	12.527	1597	1605	1616	rVB	1510841	2323220	11.56%	2.001%
19	12.645	1619	1625	1634	rBV	215897	346333	1.72%	0.298%
20	12.792	1645	1650	1661	rVB3	144103	256905	1.28%	0.221%
21	13.769	1810	1816	1820	rBV	2626338	3601327	17.93%	3.102%
22	13.816	1820	1824	1832	rVB	418074	621740	3.09%	0.536%
23	14.045	1852	1863	1869	rVB	2733293	4204272	20.93%	3.621%
24	14.351	1909	1915	1924	rVB2	1618958	2405546	11.97%	2.072%
25	14.563	1944	1951	1958	rBV	1043817	1521538	7.57%	1.311%
26	14.786	1981	1989	1994	rBV2	377428	570513	2.84%	0.491%
27	14.904	2000	2009	2013	rBV3	91764	217712	1.08%	0.188%
28	15.216	2057	2062	2068	rVB	165260	228380	1.14%	0.197%
29	15.345	2078	2084	2091	rBV	3489731	4895339	24.37%	4.216%
30	15.463	2096	2104	2113	rBV	926380	1333560	6.64%	1.149%
31	16.445	2265	2271	2276	rVV	3076595	4199056	20.90%	3.617%
32	16.521	2278	2284	2293	rVB	755244	1052389	5.24%	0.906%
33	17.098	2374	2382	2387	rBV	1869729	2945911	14.66%	2.537%
34	17.198	2392	2399	2408	rVB	3667818	5232099	26.04%	4.507%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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	17.886	2504	2516	2524	rBV	98022	332433	1.65%	0.286%
36	18.015	2531	2538	2556	rBV	3294924	4786901	23.83%	4.123%
37	19.174	2730	2735	2746	rBV6	413750	1103824	5.49%	0.951%
38	19.292	2750	2755	2761	rVV2	1753257	2350375	11.70%	2.024%
39	19.345	2761	2764	2777	rVB2	332504	614616	3.06%	0.529%
40	19.492	2783	2789	2795	rBV	4078784	5311189	26.44%	4.575%
41	20.286	2919	2924	2933	rBV	382353	605616	3.01%	0.522%
42	20.380	2936	2940	2952	rVV	727234	987152	4.91%	0.850%
43	20.615	2975	2980	2984	rBV	1262493	1687507	8.40%	1.453%
44	21.003	3042	3046	3053	rBV	961186	1123198	5.59%	0.967%
45	21.280	3088	3093	3098	rBV	2072969	2564840	12.77%	2.209%
46	22.639	3320	3324	3332	rBV	247479	495367	2.47%	0.427%
47	23.374	3441	3449	3463	rBV2	2822332	5750031	28.62%	4.953%
48	23.509	3466	3472	3480	rVB	1281471	2443747	12.16%	2.105%
49	24.068	3562	3567	3573	rVV3	132572	259905	1.29%	0.224%
50	24.150	3577	3581	3591	rVB5	178259	380741	1.90%	0.328%
51	24.797	3684	3691	3700	rBV6	393281	1032919	5.14%	0.890%

Sum of corrected areas: 116100186

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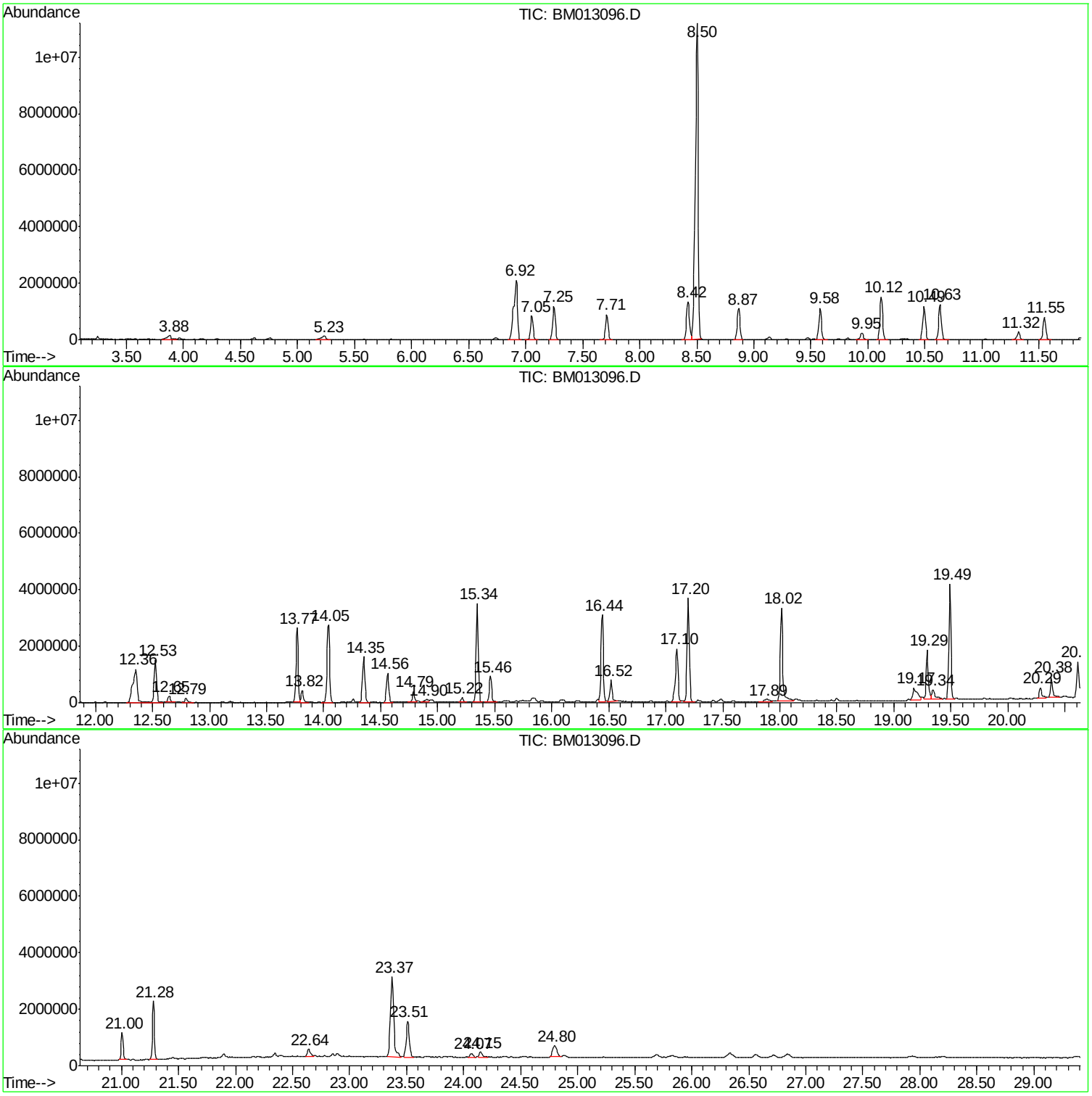
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM013096.D
Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
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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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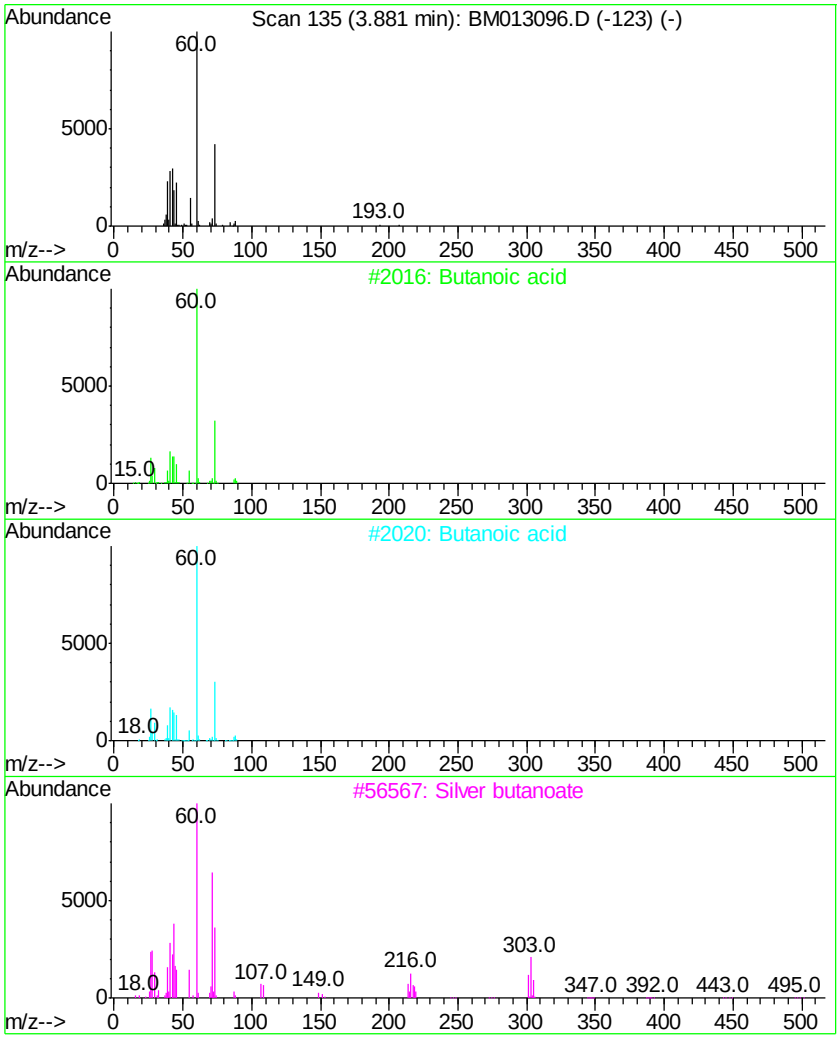
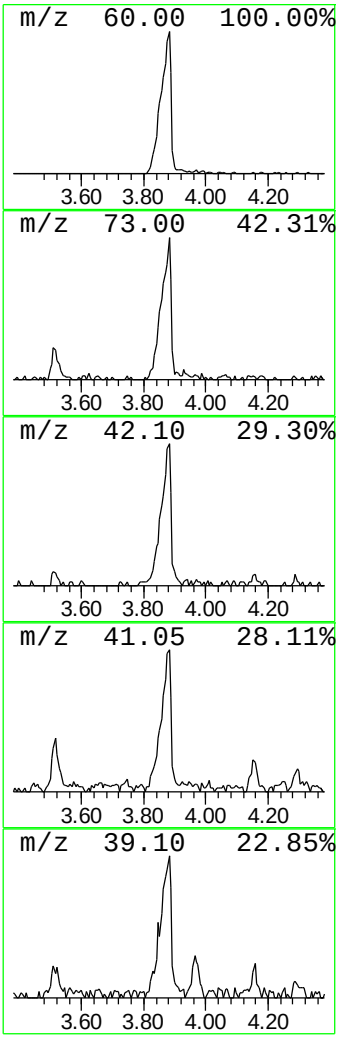
Peak Number 1 Butanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	4.41 ng/ul	313041	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	72
3	Silver butanoate	194	C4H7AgO2	005076-24-4	40
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
5	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
Data File : BM013096.D
Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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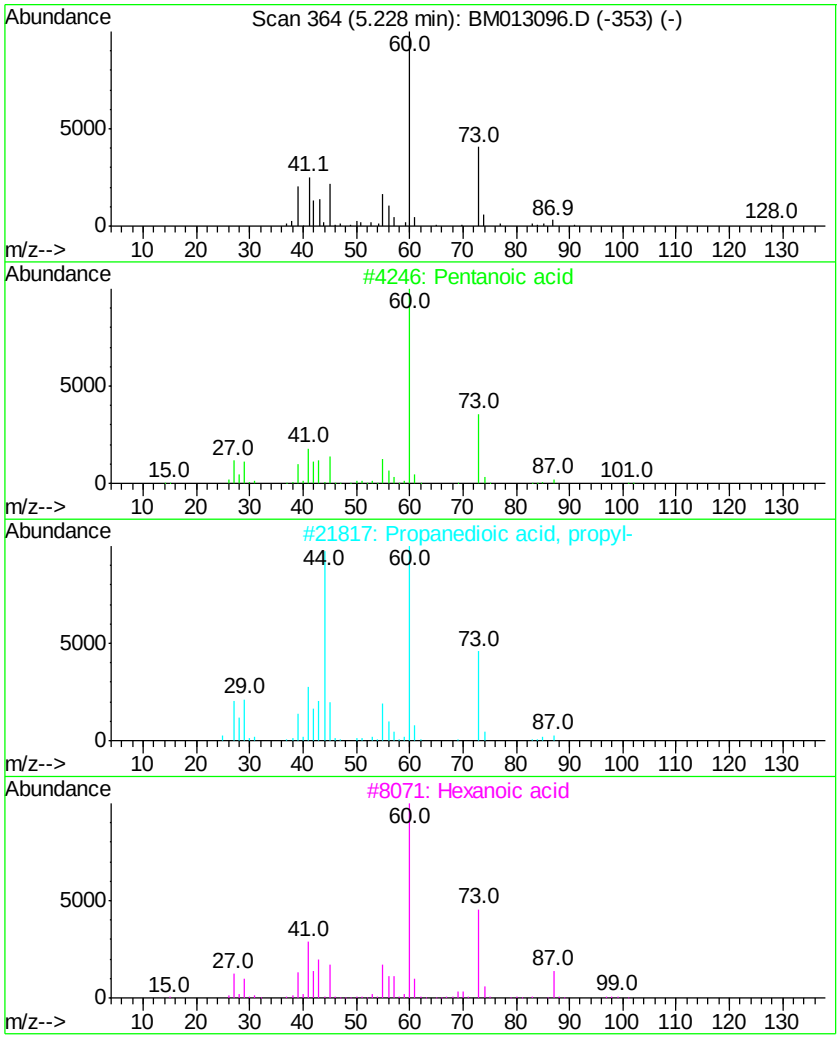
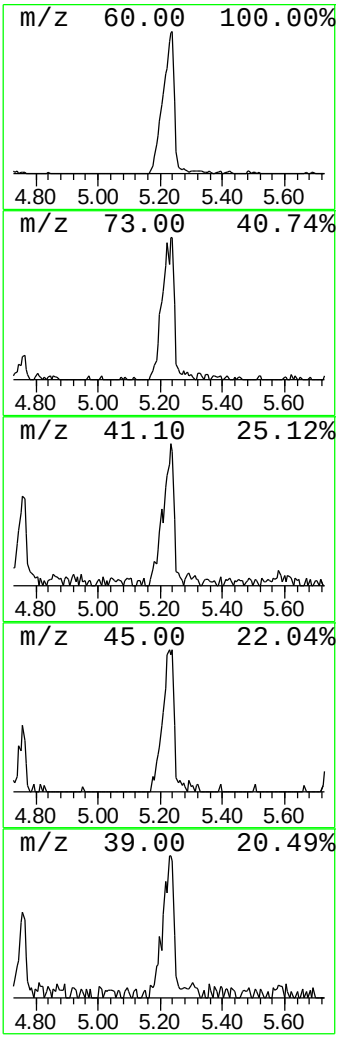
Peak Number 2 Pentanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	4.30 ng/ul	305666	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	72
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	64
3	Hexanoic acid	116	C6H12O2	000142-62-1	56
4	Pentanoic acid	102	C5H10O2	000109-52-4	50
5	Butanoic acid	88	C4H8O2	000107-92-6	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
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Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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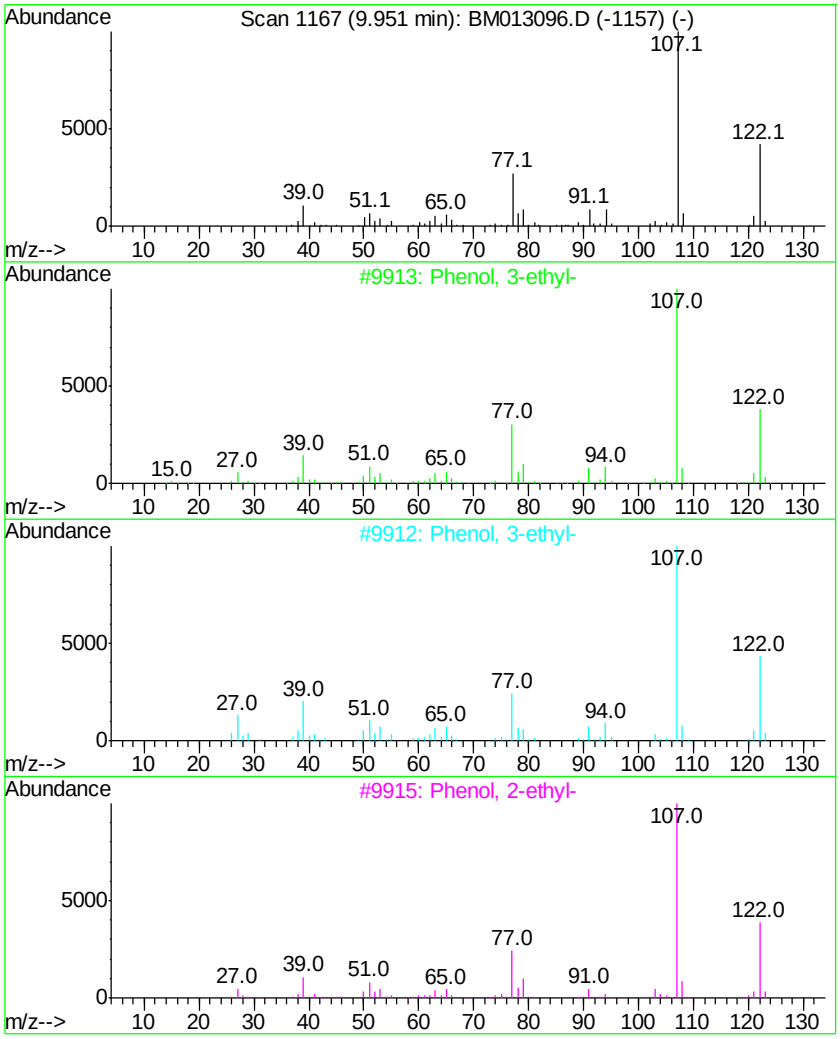
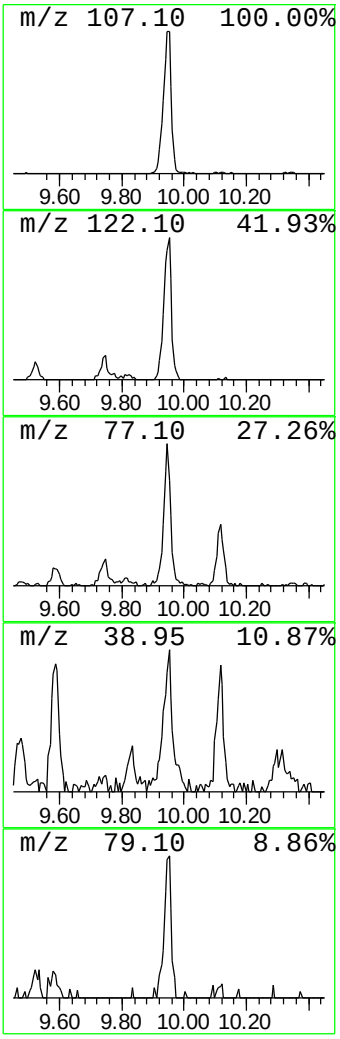
Peak Number 3 Phenol, 3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	4.65 ng/ul	445063	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, 2-ethyl-	122	C8H10O	000090-00-6	90
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
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Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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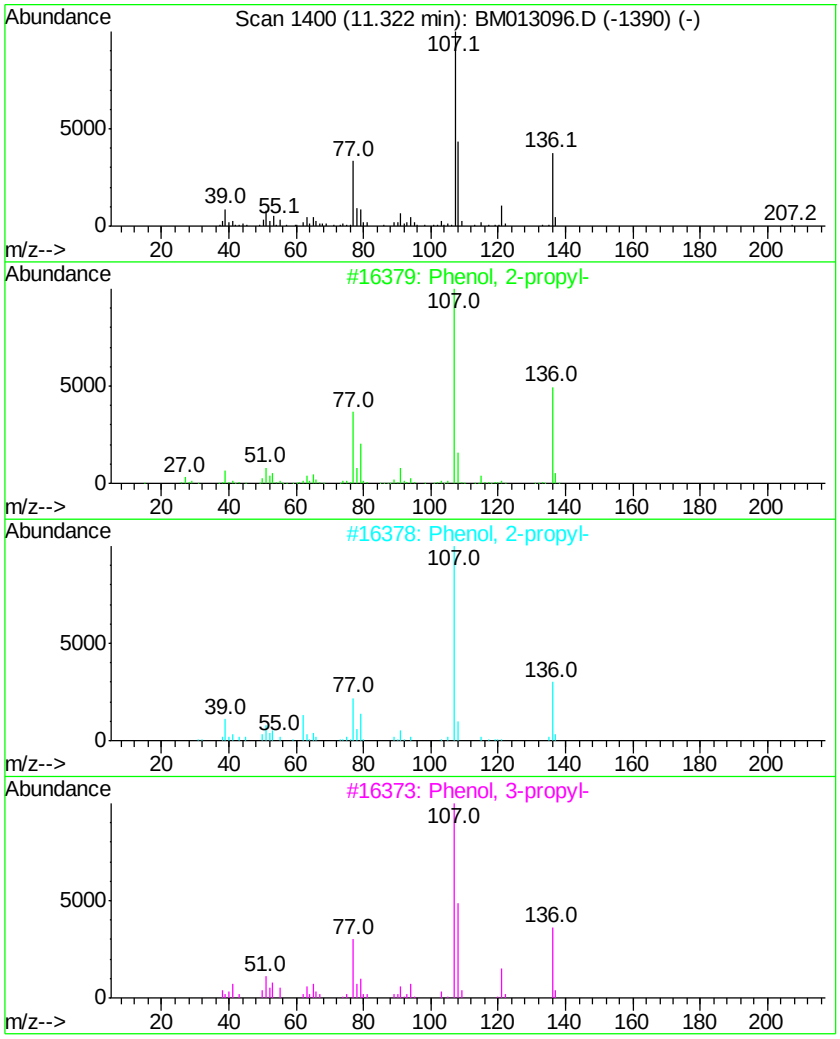
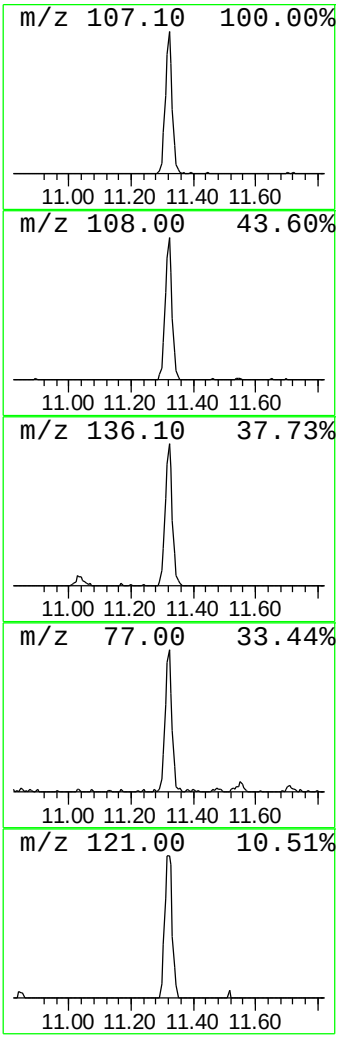
Peak Number 4 Phenol, 2-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	4.99 ng/ul	477735	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	76
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
3	Phenol, 3-propyl-	136	C9H12O	000621-27-2	53
4	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	47
5	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	47





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Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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

TIC Library : C:\DATABASE\NIST11.L
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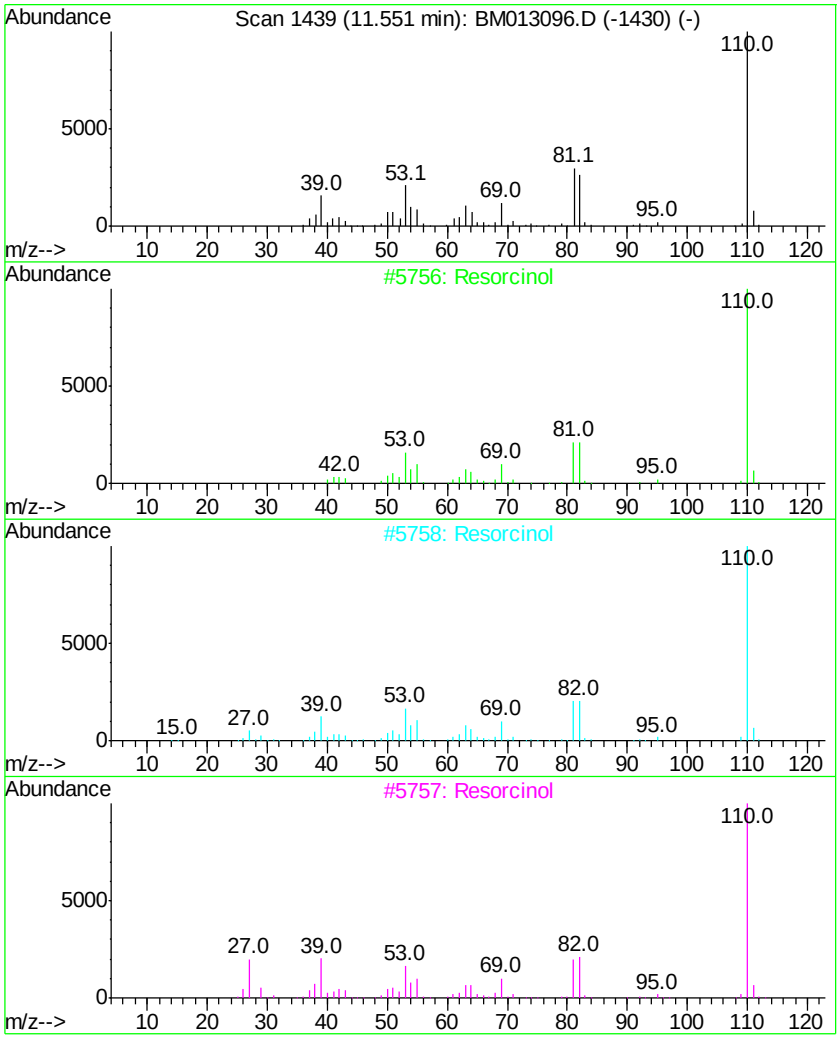
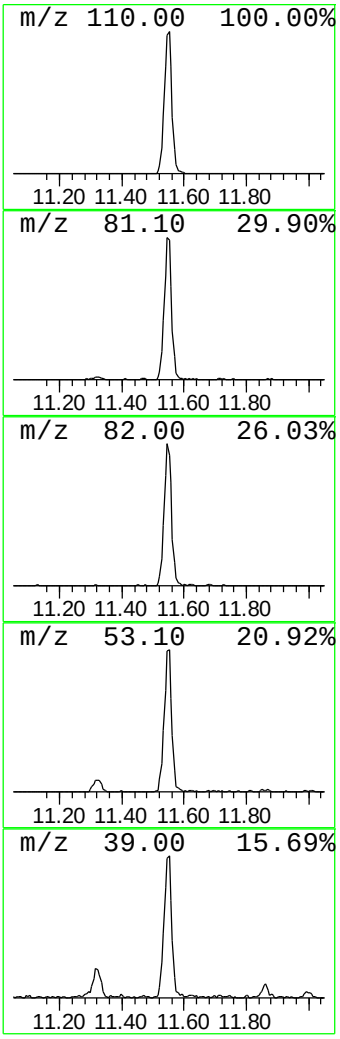
Peak Number 5 Resorcinol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	14.20 ng/ul	1358600	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	95
3	Resorcinol	110	C6H6O2	000108-46-3	93
4	Hydroquinone	110	C6H6O2	000123-31-9	87
5	Hydroquinone	110	C6H6O2	000123-31-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
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Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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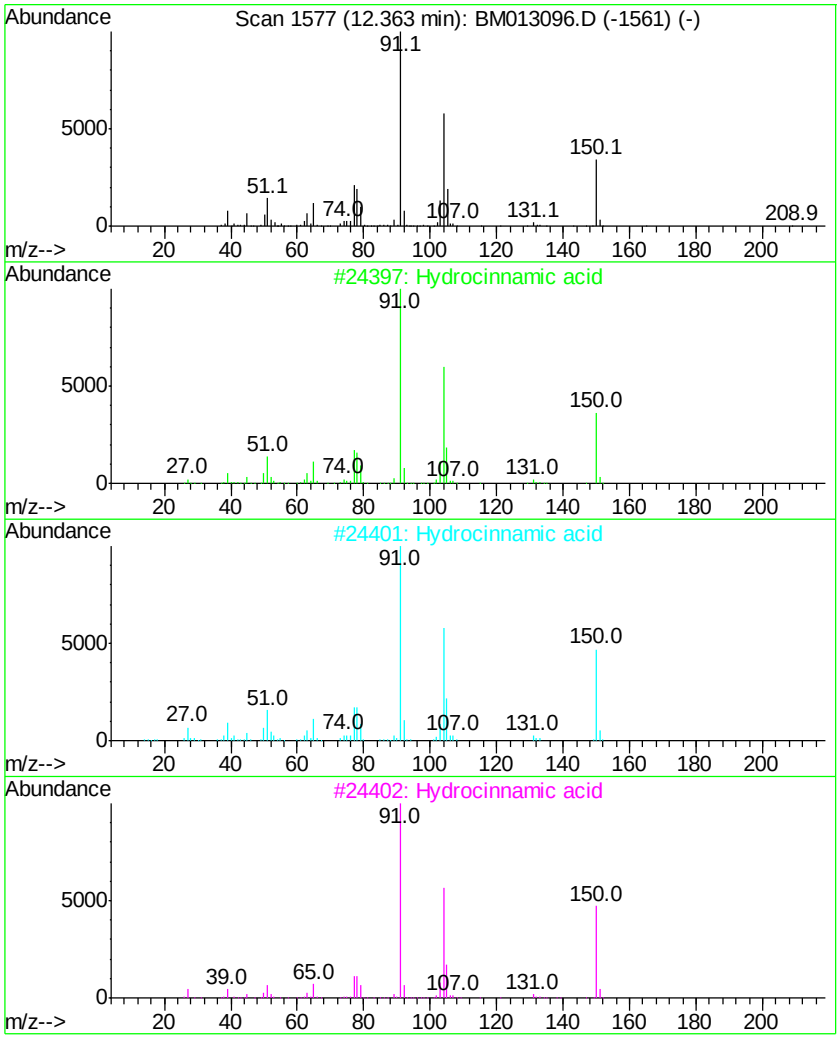
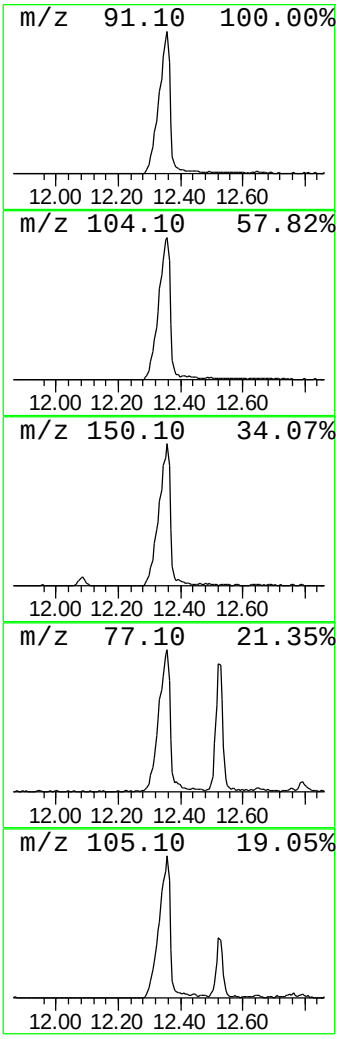
Peak Number 6 Hydrocinnamic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	34.95 ng/ul	3344370	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	90
4	Hydrocinnamic acid	150	C9H10O2	000501-52-0	87
5	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	80





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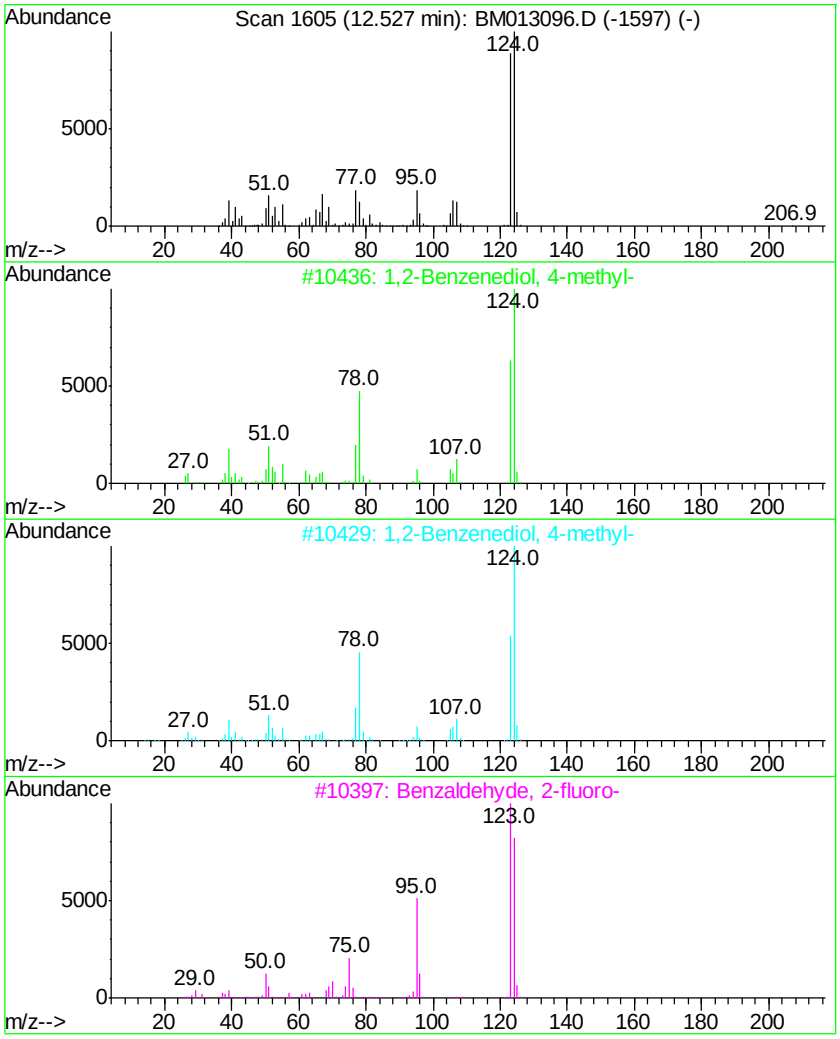
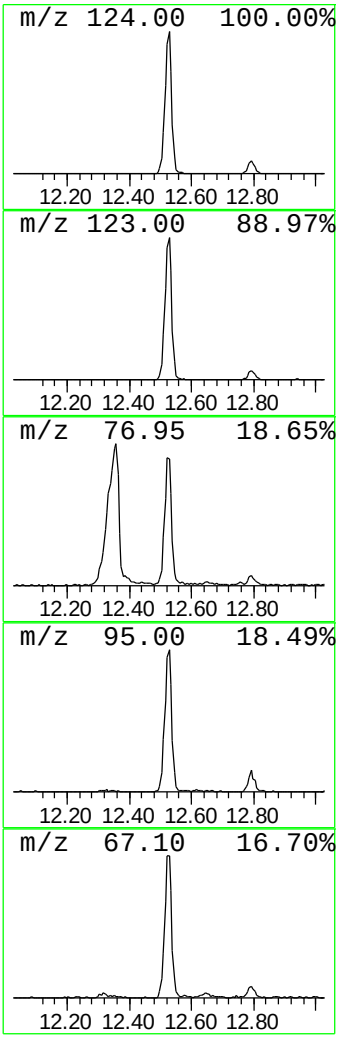
Peak Number 7 1,2-Benzenediol, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	19.32 ng/ul	2323220	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	80
2	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	76
3	Benzaldehyde, 2-fluoro-	124	C7H5FO	000446-52-6	72
4	Orcinol	124	C7H8O2	000504-15-4	70
5	1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	70





Library Search Compound Report

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Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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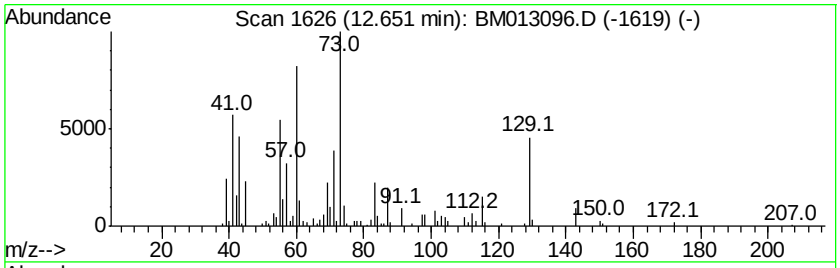
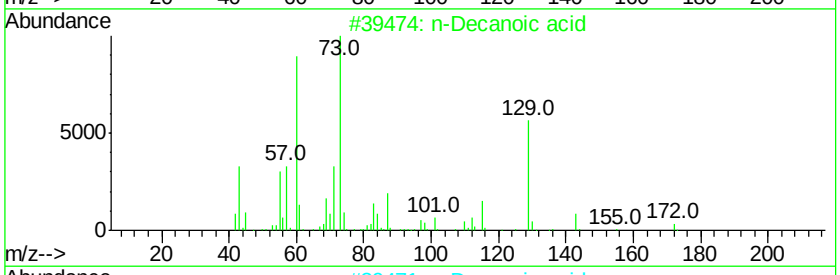
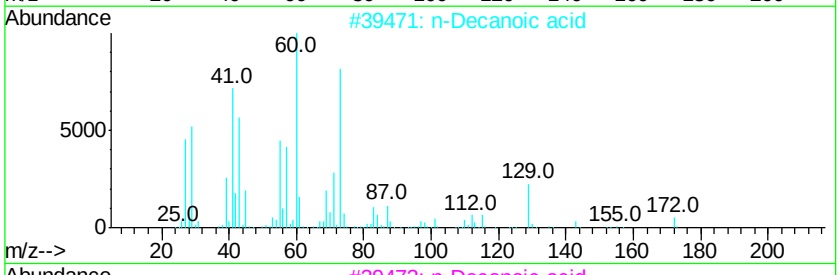
Peak Number 8 n-Decanoic acid Concentration Rank 22

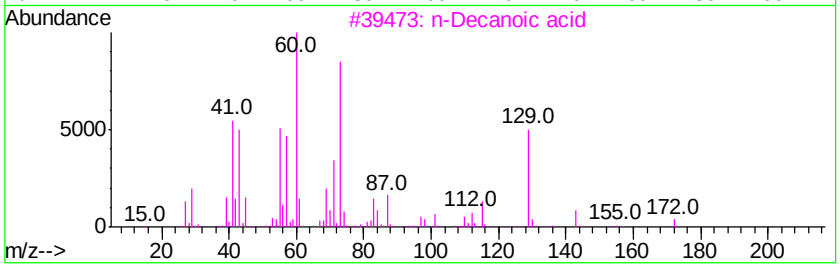
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.88 ng/ul	346333	Acenaphthene-d10	14.35

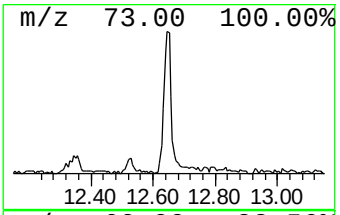
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58

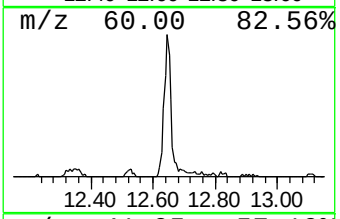


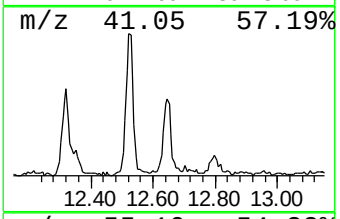


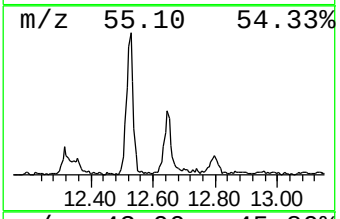


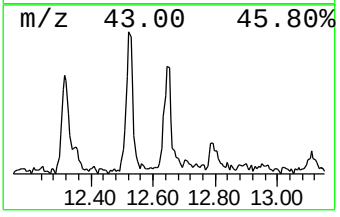












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Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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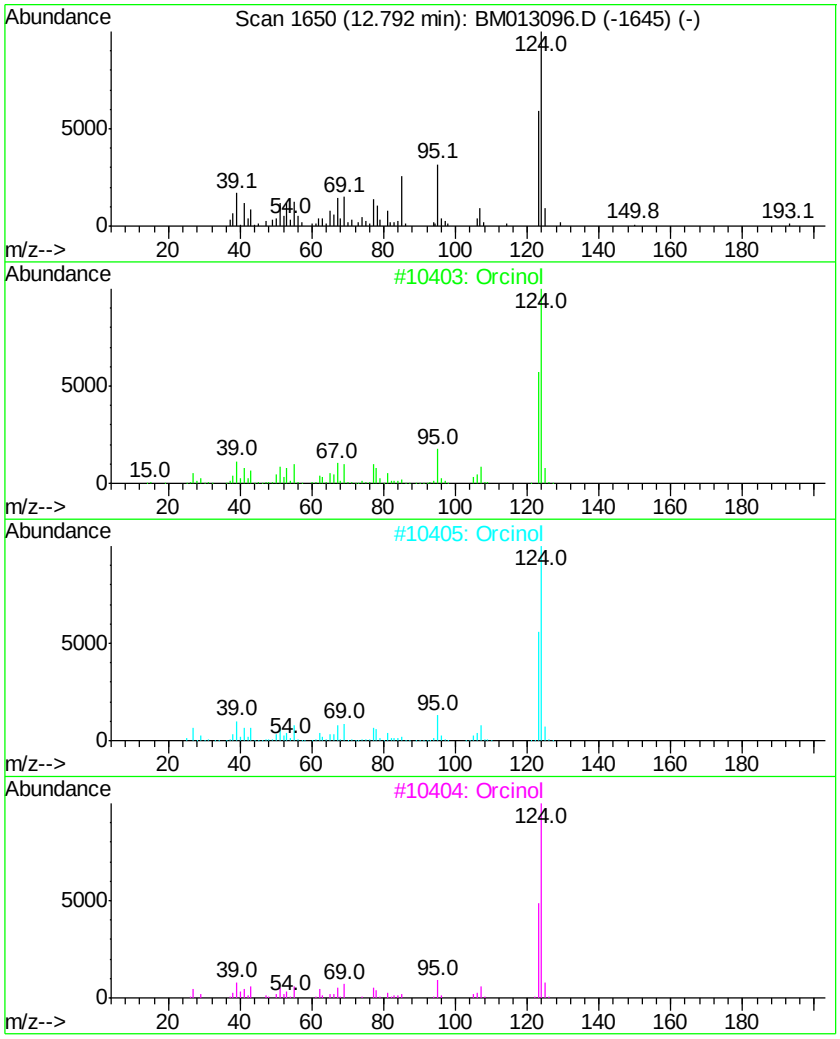
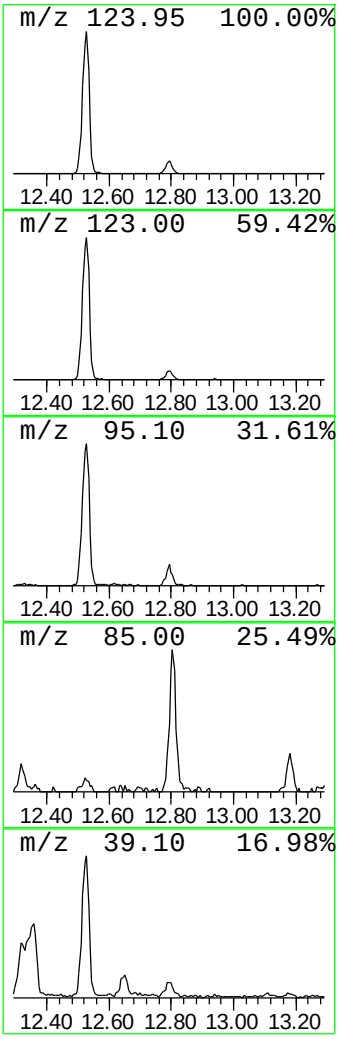
Peak Number 9 Orcinol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.14 ng/ul	256905	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Orcinol	124	C7H8O2	000504-15-4	81
2	Orcinol	124	C7H8O2	000504-15-4	74
3	Orcinol	124	C7H8O2	000504-15-4	72
4	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	70
5	1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	70





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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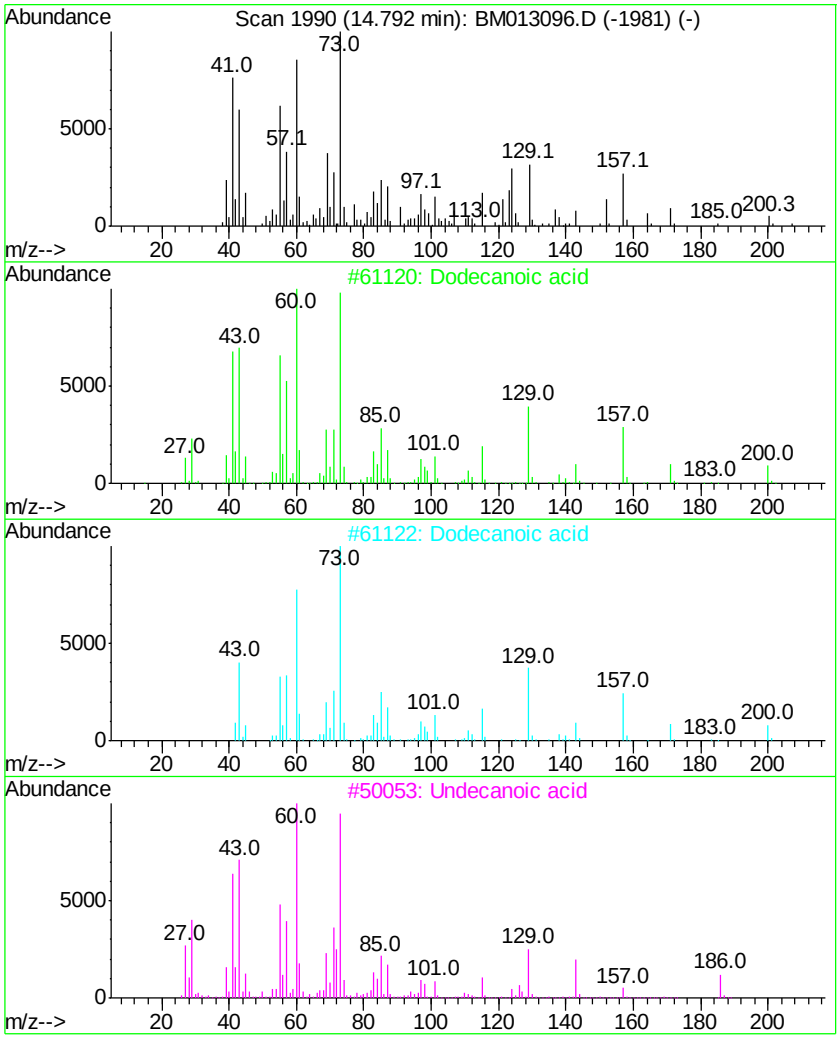
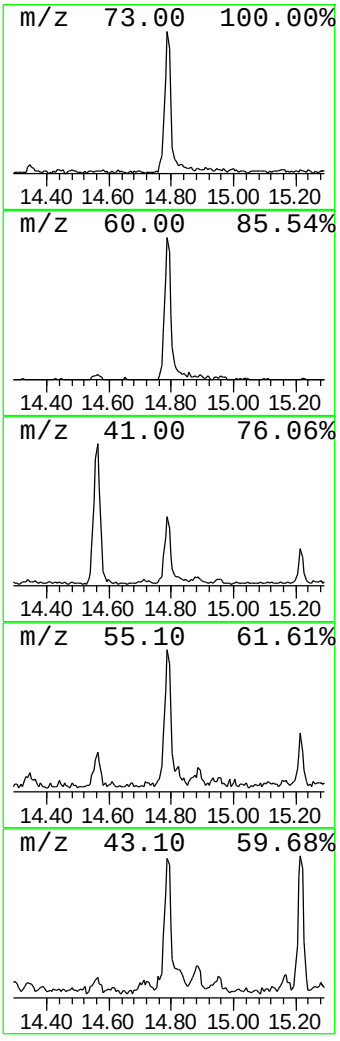
Peak Number 10 Dodecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.74 ng/ul	570513	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	92
2	Dodecanoic acid	200	C12H24O2	000143-07-7	81
3	Undecanoic acid	186	C11H22O2	000112-37-8	50
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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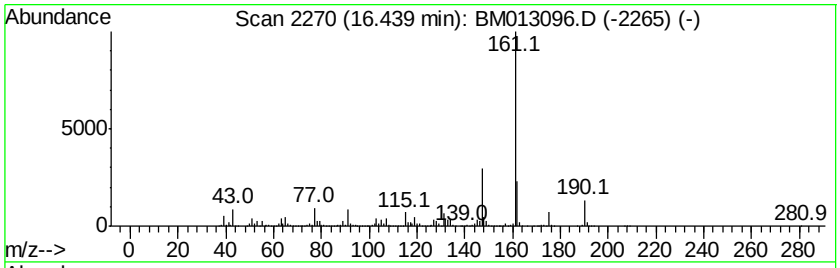
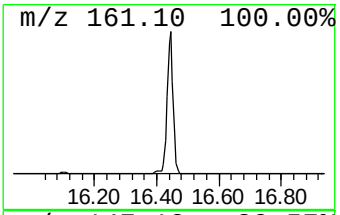
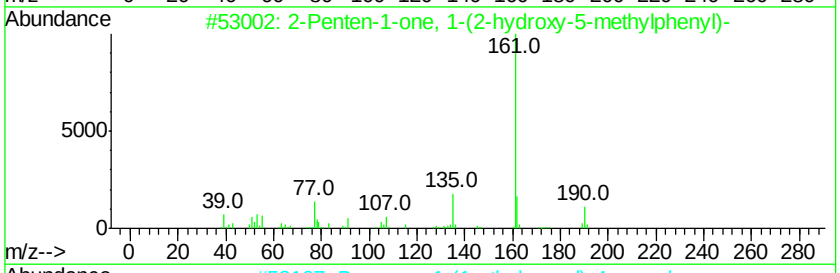
Peak Number 11 2-Penten-1-one, 1-(2-hydrox... Concentration Rank 3

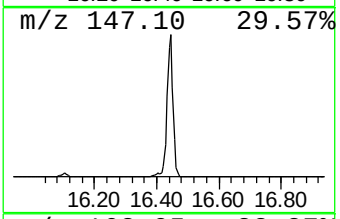
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	28.51 ng/ul	4199060	Phenanthrene-d10	17.10

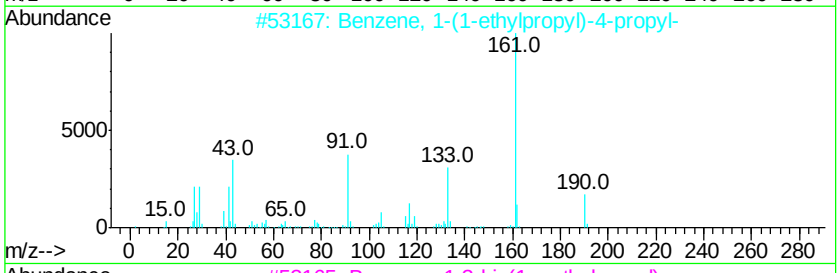
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Penten-1-one, 1-(2-hydroxy-5-m...	190	C12H14O2	051956-78-6	58
2	Benzene, 1-(1-ethylpropyl)-4-pro...	190	C14H22	054789-16-1	50
3	Benzene, 1,3-bis(1-methylpropyl)-	190	C14H22	001079-96-5	45
4	Indole-4-carboxylic acid	161	C9H7NO2	002124-55-2	43
5	1-Propanone, 1-[4-(1,1-dimethyle...	190	C13H18O	071209-71-7	40

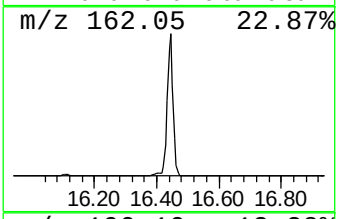


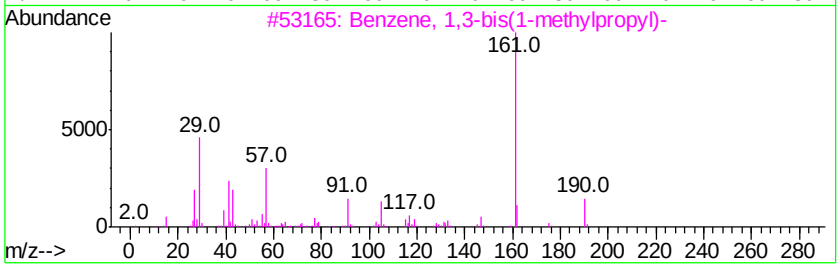


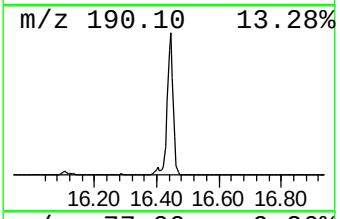


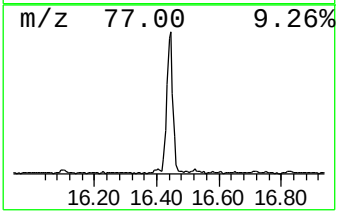












Library Search Compound Report

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Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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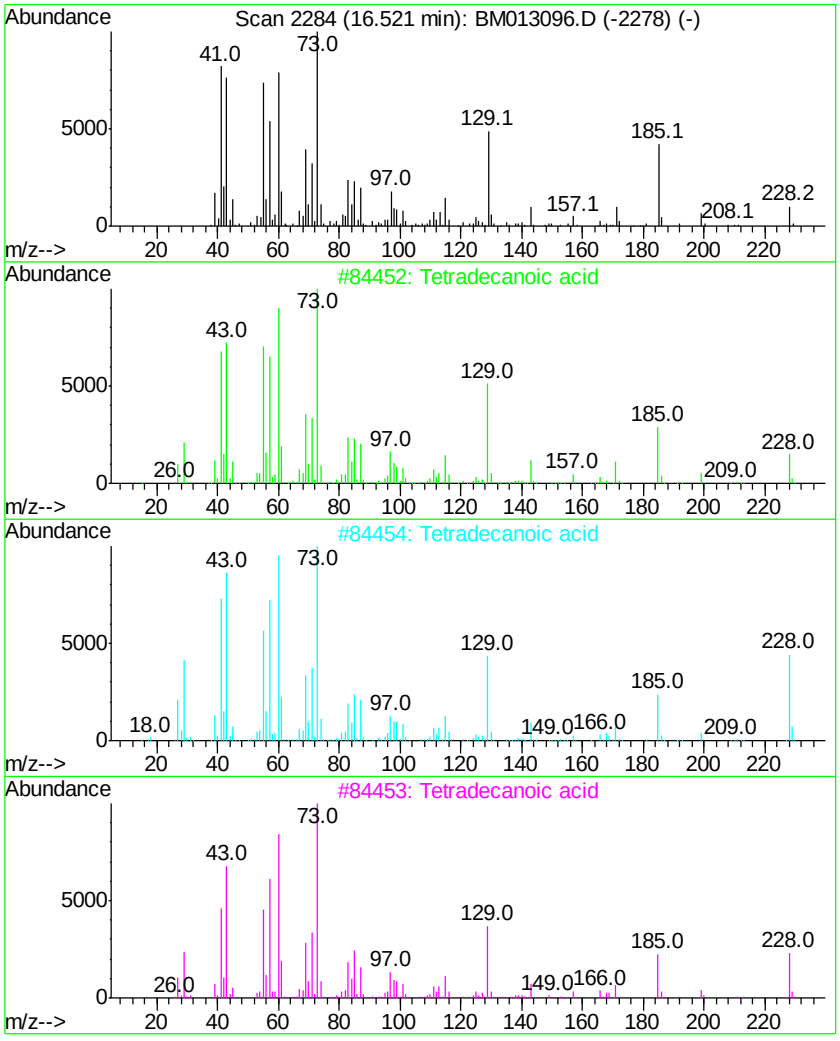
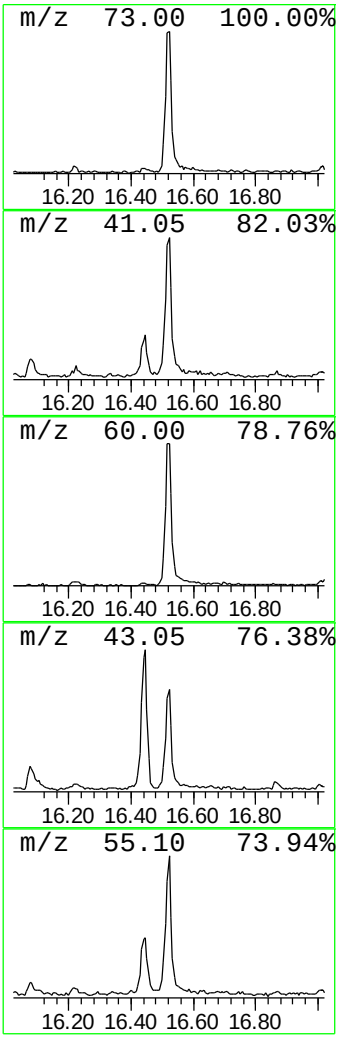
Peak Number 12 Tetradecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	7.14 ng/ul	1052390	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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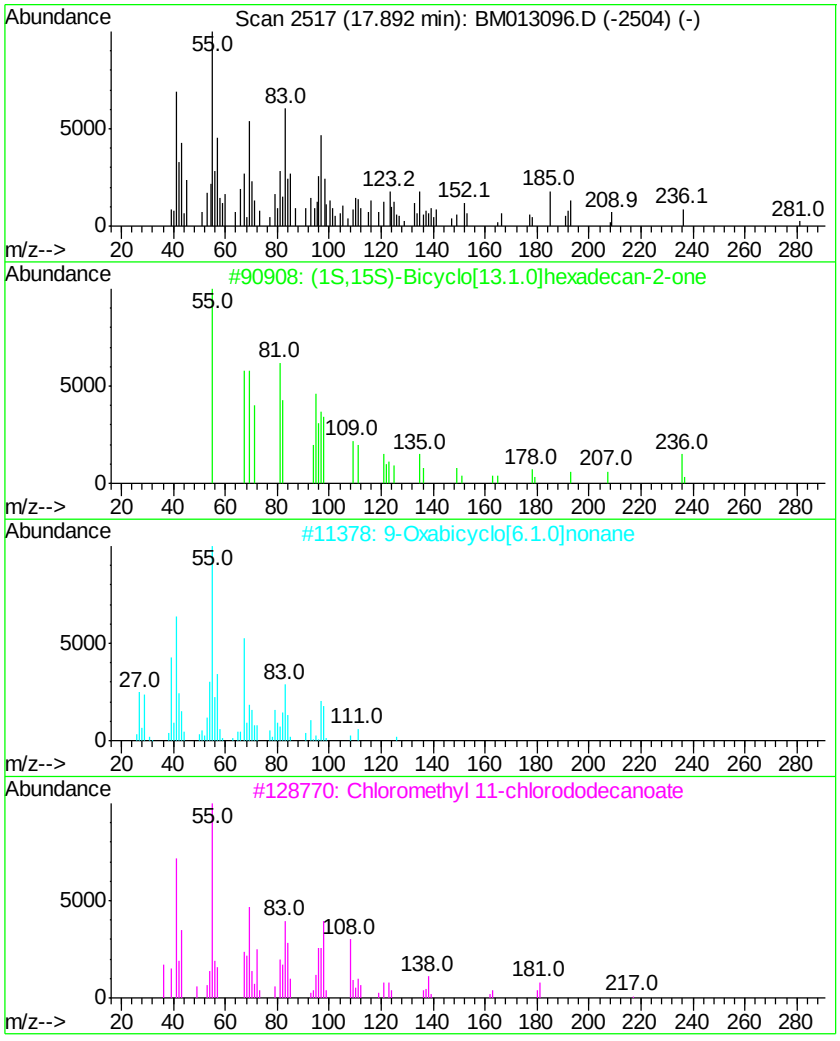
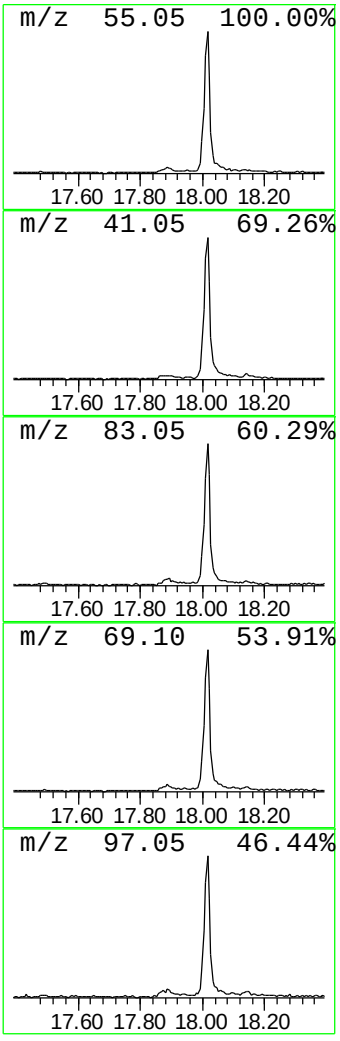
Peak Number 13 (1S,15S)-Bicyclo[13.1.0]hex... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.26 ng/ul	332433	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,15S)-Bicyclo[13.1.0]hexadeca...	236	C16H28O	102572-89-4	53
2	9-Oxabicyclo[6.1.0]nonane	126	C8H14O	000286-62-4	43
3	Chloromethyl 11-chlorododecanoate	282	C13H24Cl2O2	080419-07-4	38
4	1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	35
5	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	30





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Quant Title : SVOA CALIBRATION

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

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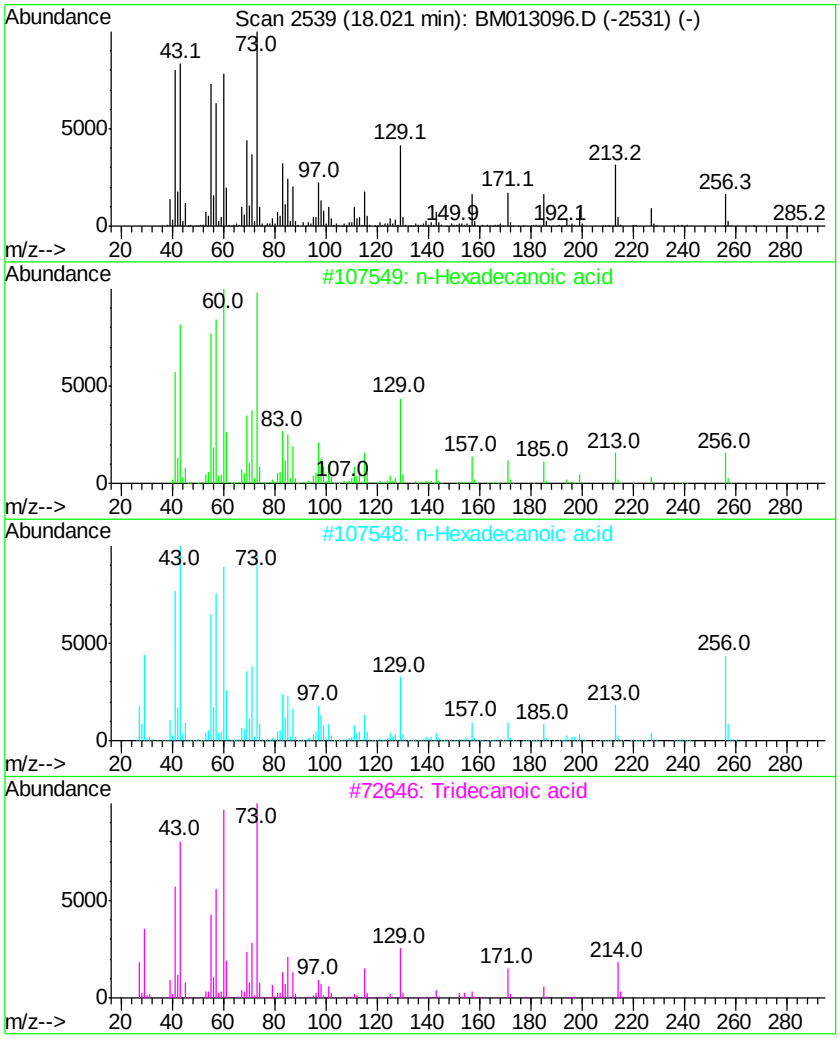
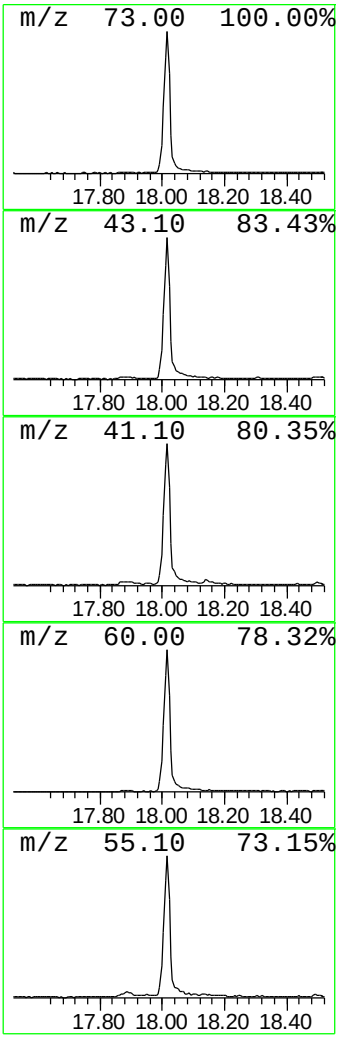
Peak Number 14 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	32.50 ng/ul	4786900	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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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Quant Title : SVOA CALIBRATION

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

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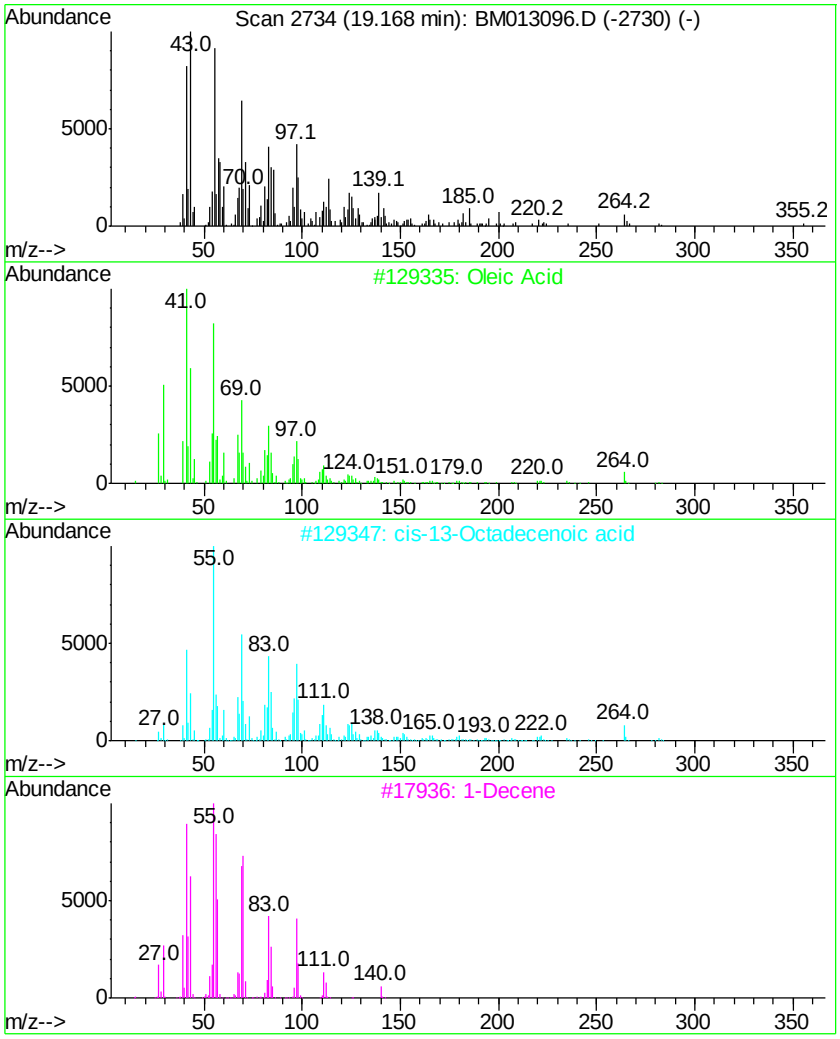
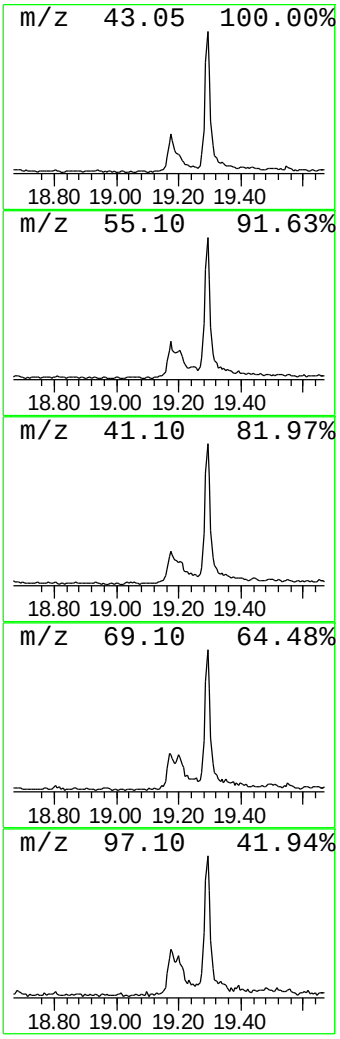
Peak Number 15 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	7.49 ng/ul	1103820	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	46
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	43
3	1-Decene	140	C10H20	000872-05-9	41
4	3-Octen-2-one, 7-methyl-	140	C9H16O	033046-81-0	38
5	1-Pentadecene	210	C15H30	013360-61-7	35





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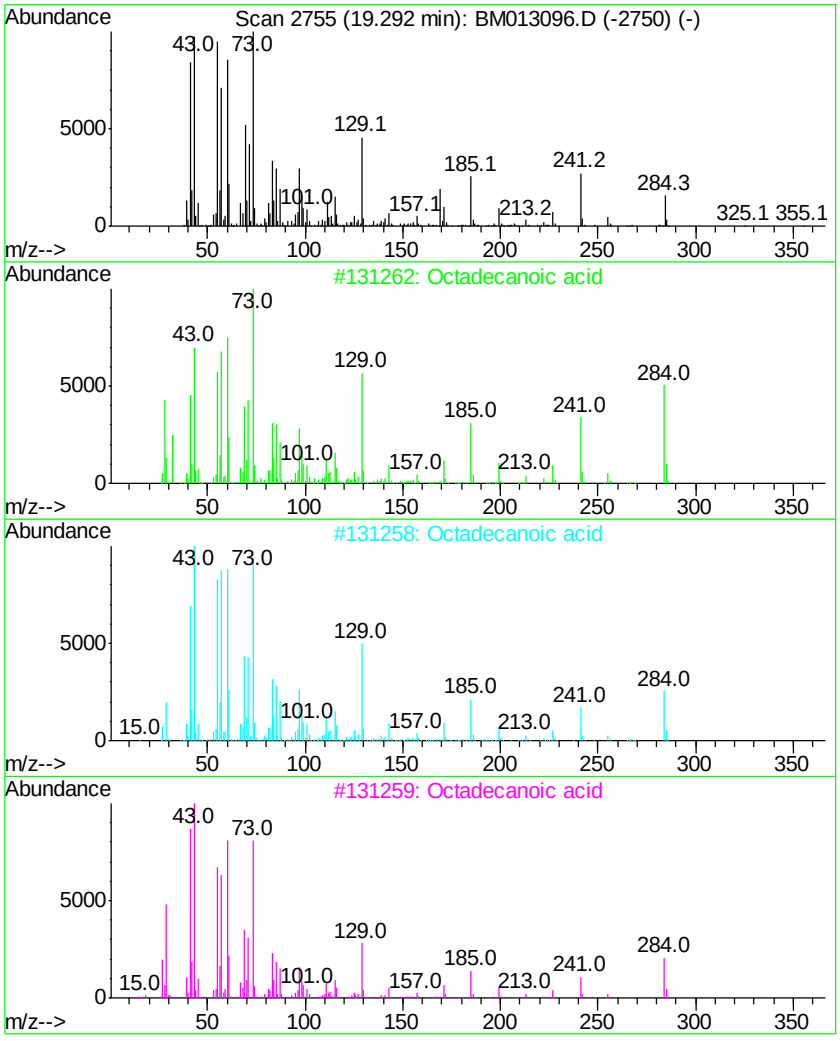
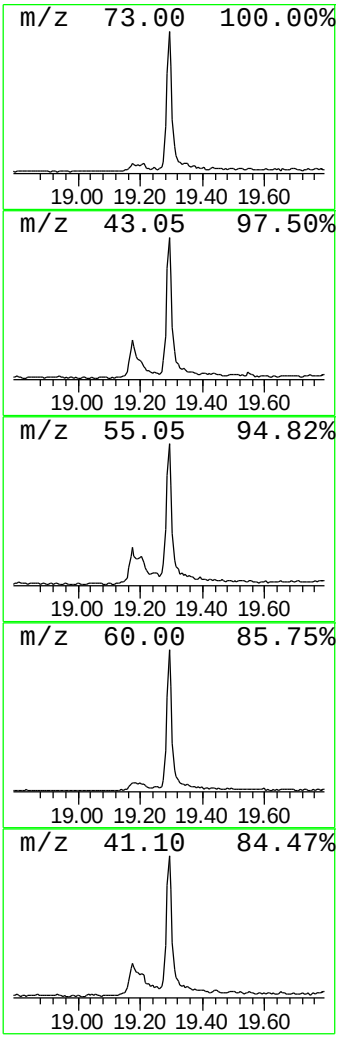
Peak Number 16 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	18.33 ng/ul	2350380	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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





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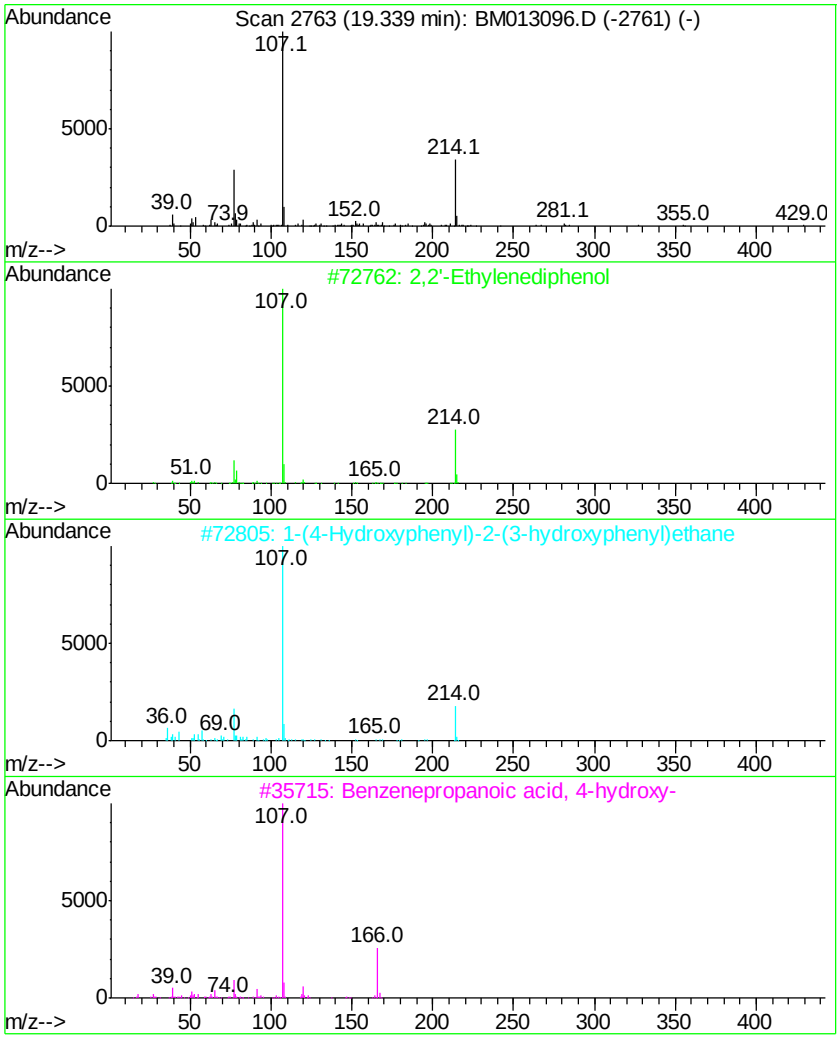
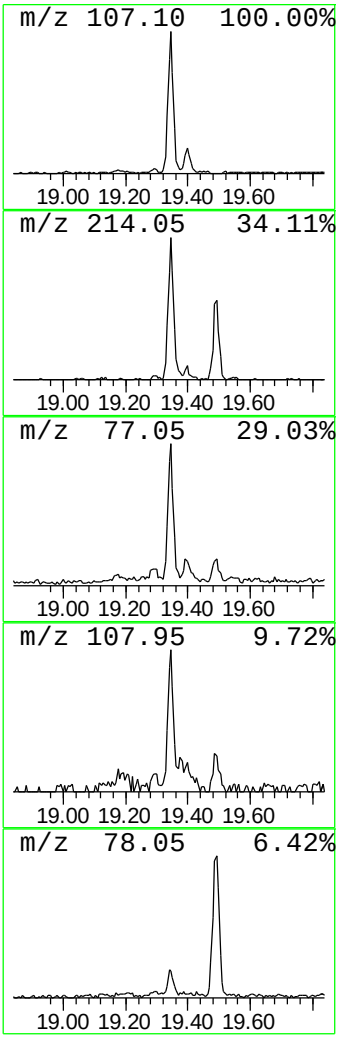
Peak Number 17 2,2'-Ethylenediphenol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.79 ng/ul	614616	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Ethylenediphenol	214	C14H14O2	029338-20-3	90
2	1-(4-Hydroxyphenyl)-2-(3-hydroxy...	214	C14H14O2	037116-80-6	72
3	Benzenepropanoic acid, 4-hydroxy-	166	C9H10O3	000501-97-3	53
4	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	53
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	50





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Data File : BM013096.D
Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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

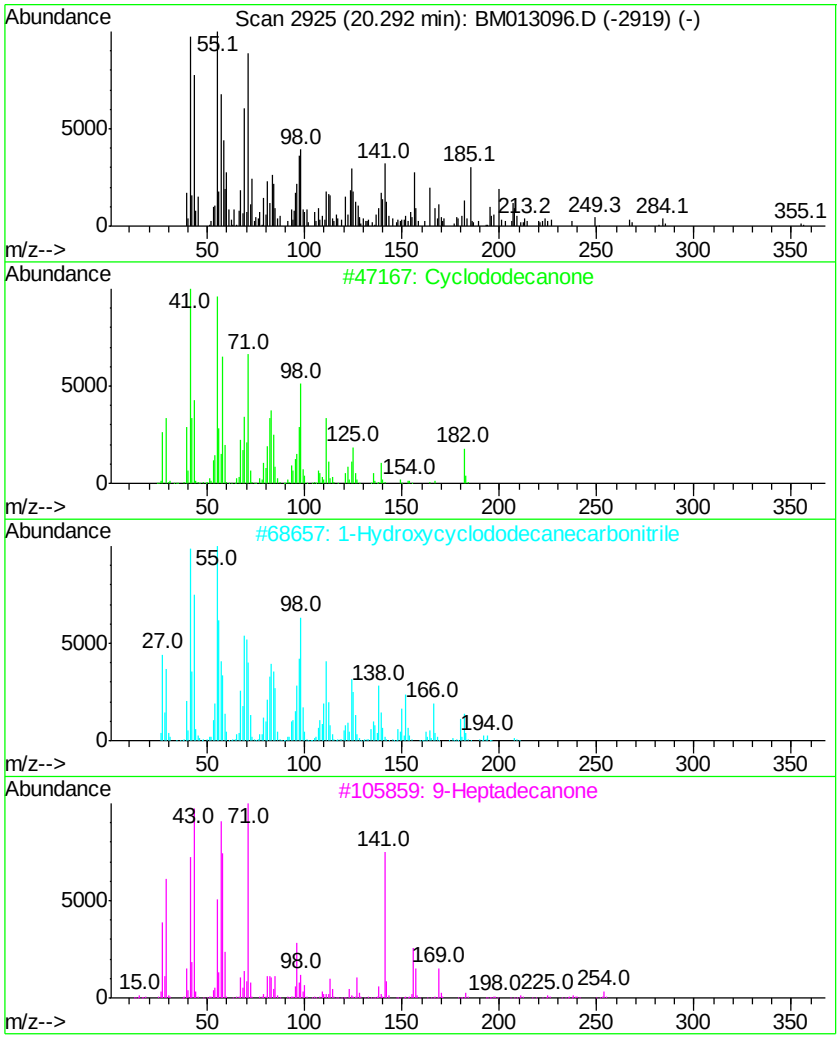
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

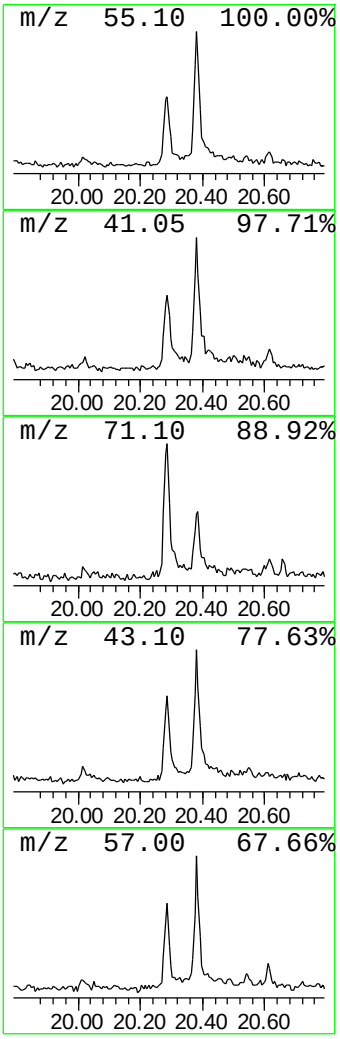
****

Peak Number 18 Cyclododecanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	4.72 ng/ul	605616	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanone	182	C12H22O	000830-13-7	50
2	1-Hydroxycyclododecanecarbonitrile	209	C13H23NO	000882-83-7	35
3	9-Heptadecanone	254	C17H34O	000540-08-9	35
4	2-Methoxycyclohexanone	128	C7H12O2	007429-44-9	27
5	2,11-Dodecadiene, 4-acetoxy-	224	C14H24O2	1000155-54-4	25





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Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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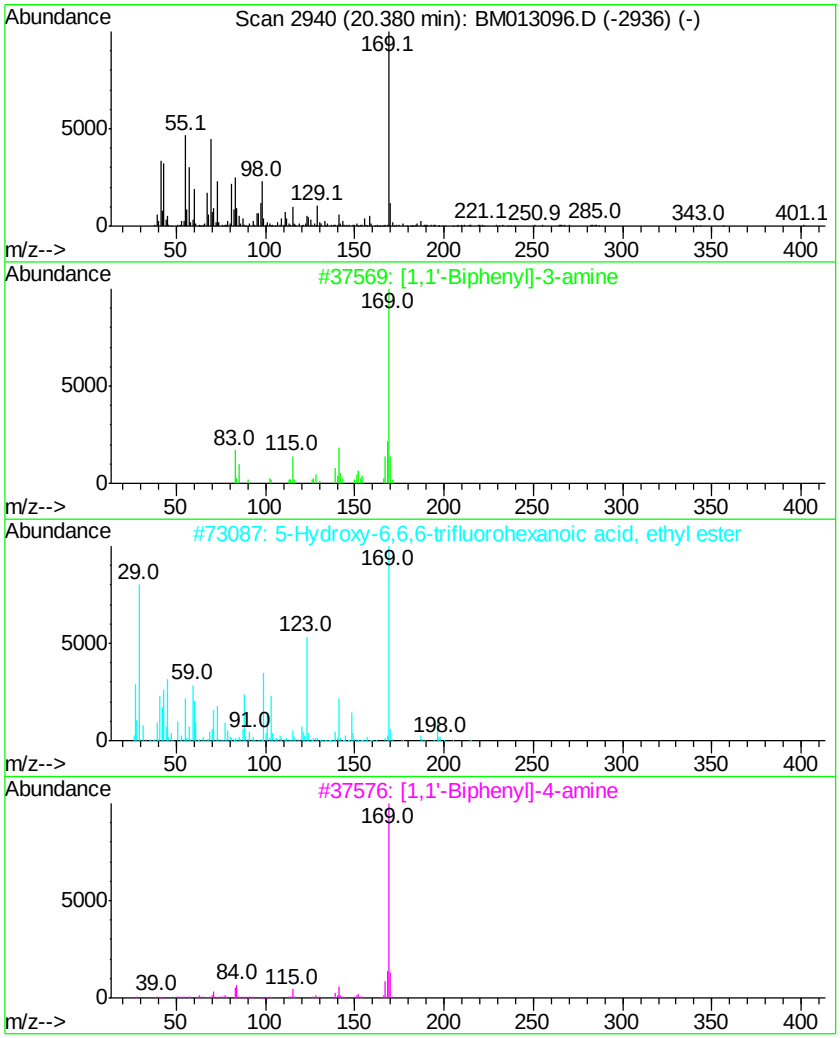
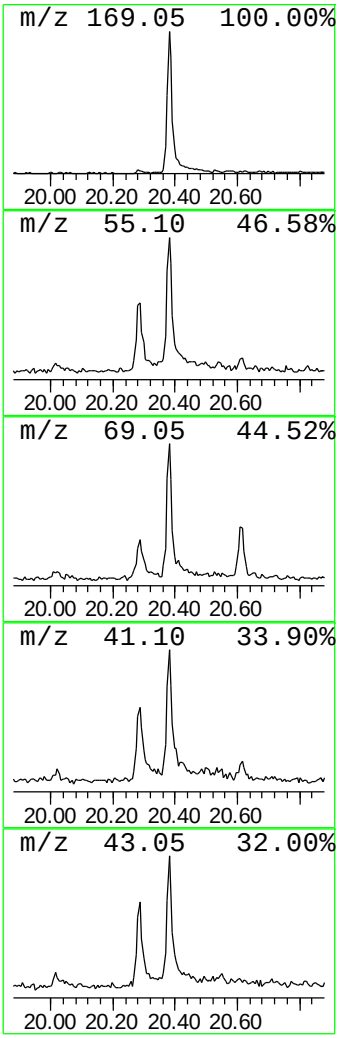
Peak Number 19 [1,1'-Biphenyl]-3-amine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	7.70 ng/ul	987152	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	53
2	5-Hydroxy-6,6,6-trifluorohexanoi...	214	C8H13F3O3	108142-08-1	47
3	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	38
4	Fumaric acid, 3-heptyl pentyl ester	284	C16H28O4	1000348-68-1	38
5	2,3-Dihydrothieno[3,4-b][1,4]dio...	225	C10H11NO3S	1000304-19-7	38





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Acq On : 22 Nov 2017 21:30
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Sample : I6514-07
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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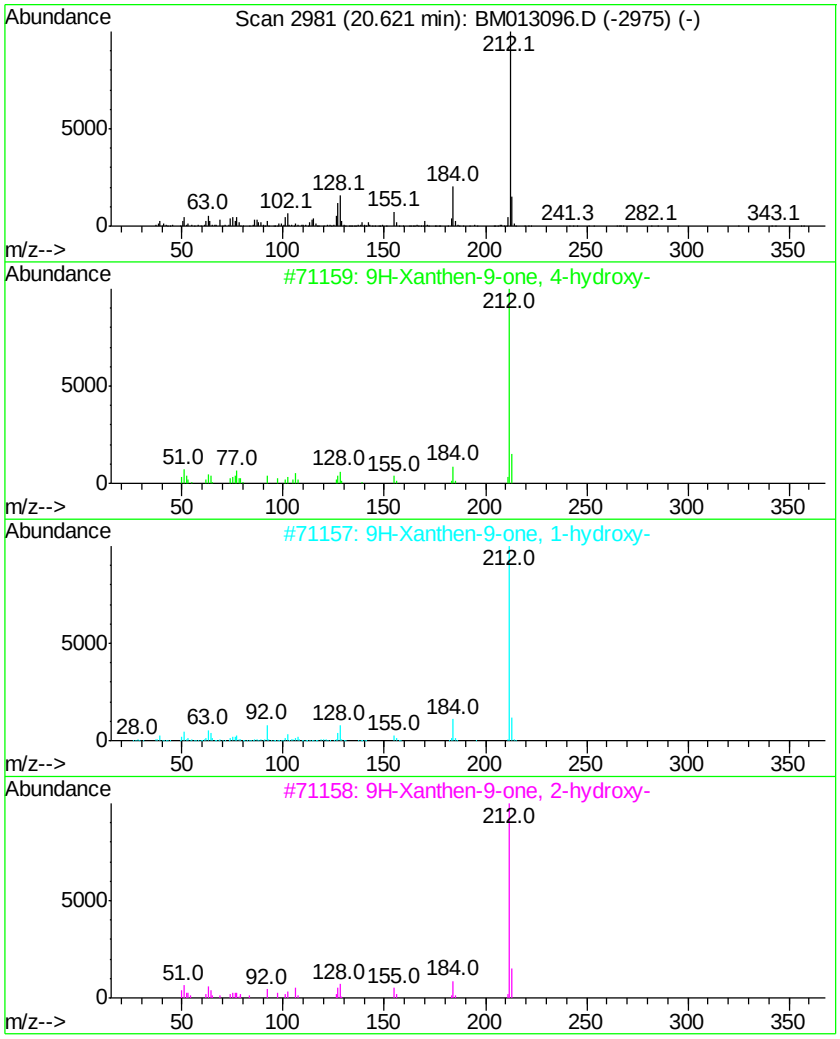
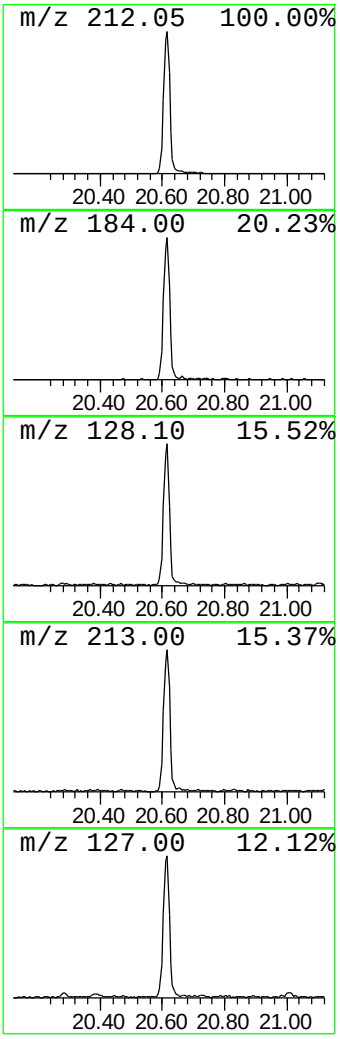
Peak Number 20 9H-Xanthen-9-one, 4-hydroxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	13.16 ng/ul	1687510	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	91
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	86
4	9H-Xanthen-9-one, 1-hydroxy-	212	C13H8O3	000719-41-5	72
5	2-Methyl-3,4-quinolinedicarboxyl...	212	C12H8N2O2	027295-64-3	72





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Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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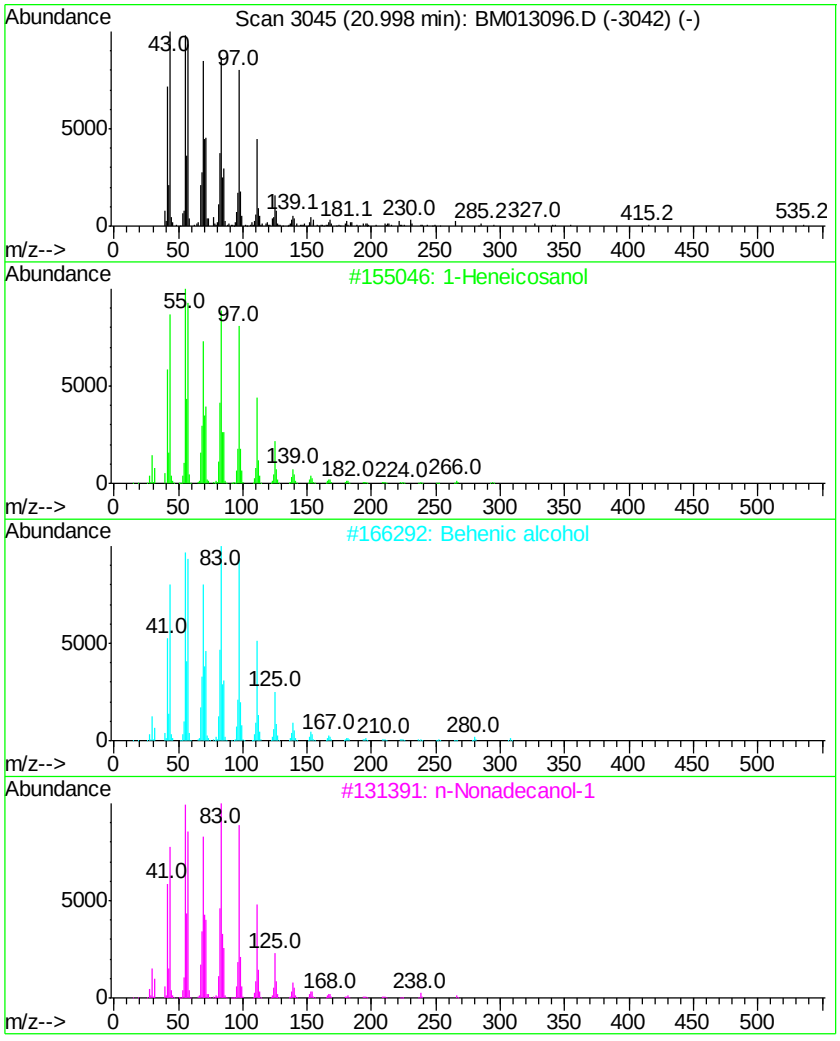
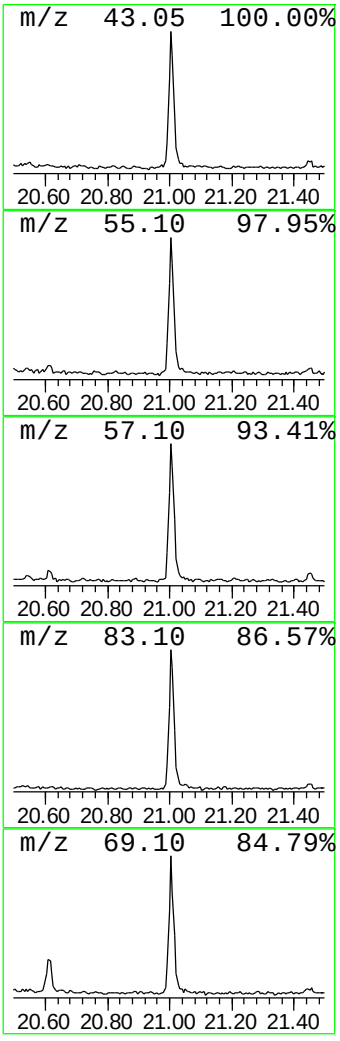
Peak Number 21 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	8.76 ng/ul	1123200	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Library Search Compound Report

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Data File : BM013096.D
Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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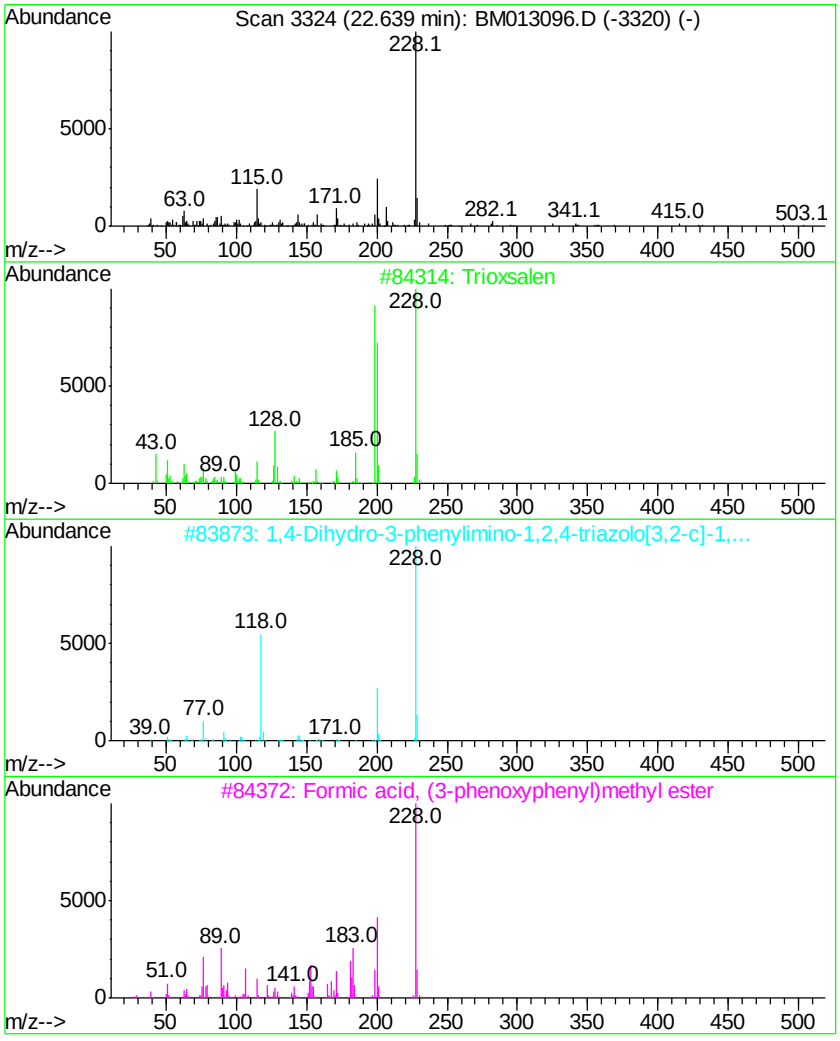
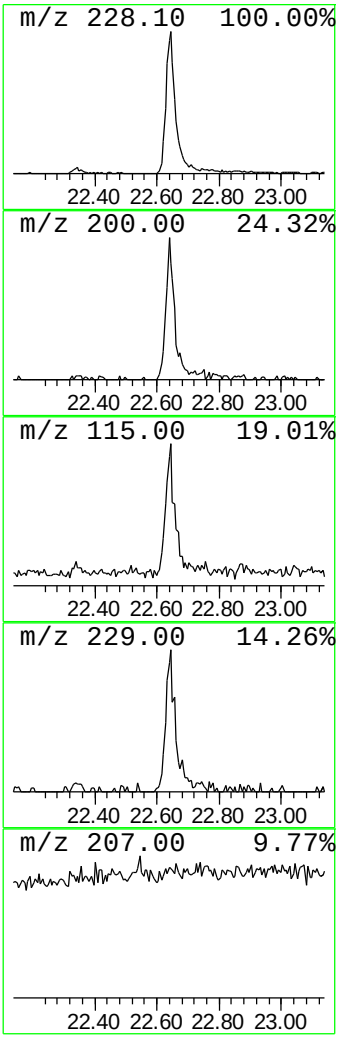
Peak Number 22 Trioxsalen Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	4.05 ng/ul	495367	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trioxsalen	228	C14H12O3	003902-71-4	62
2	1,4-Dihydro-3-phenylimino-1,2,4-...	228	C10H8N6O	1000216-48-2	59
3	Formic acid, (3-phenoxyphenyl)me...	228	C14H12O3	1000368-97-0	59
4	Trioxsalen	228	C14H12O3	003902-71-4	58
5	2-Phenoxyphenylacetic acid	228	C14H12O3	025563-02-4	53





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Acq On : 22 Nov 2017 21:30
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Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

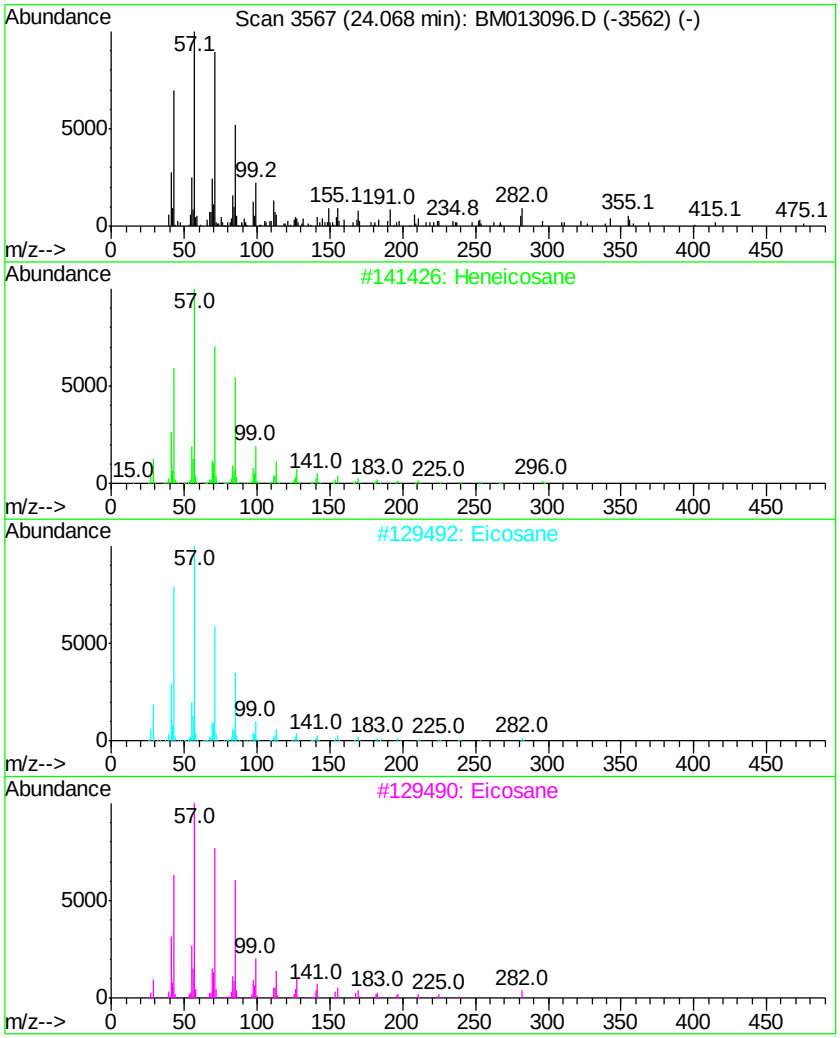
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

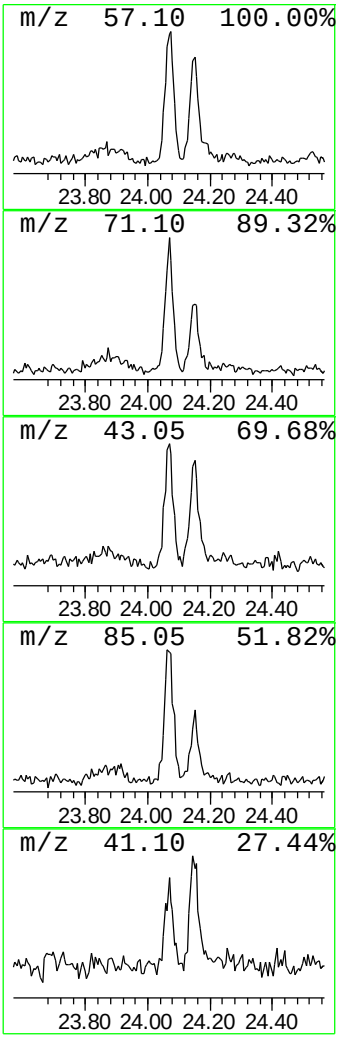
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.13 ng/ul	259905	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Heneicosane	296	C21H44	000629-94-7	74
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	74





Library Search Compound Report

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Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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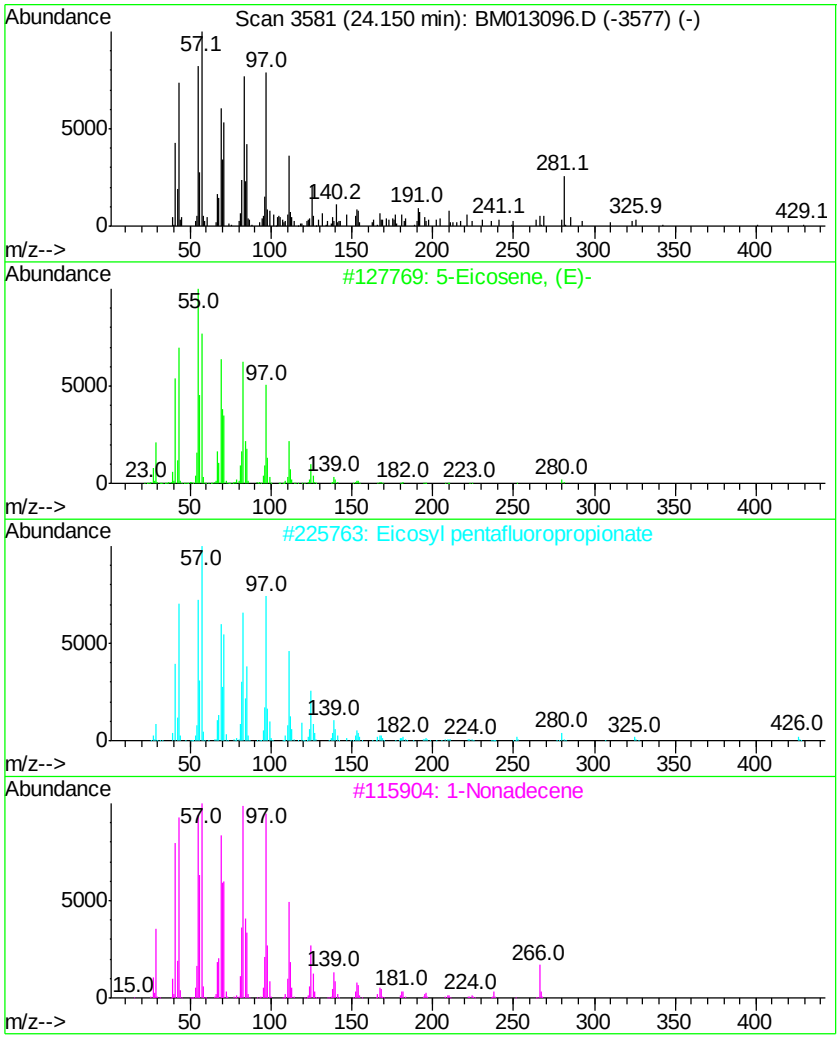
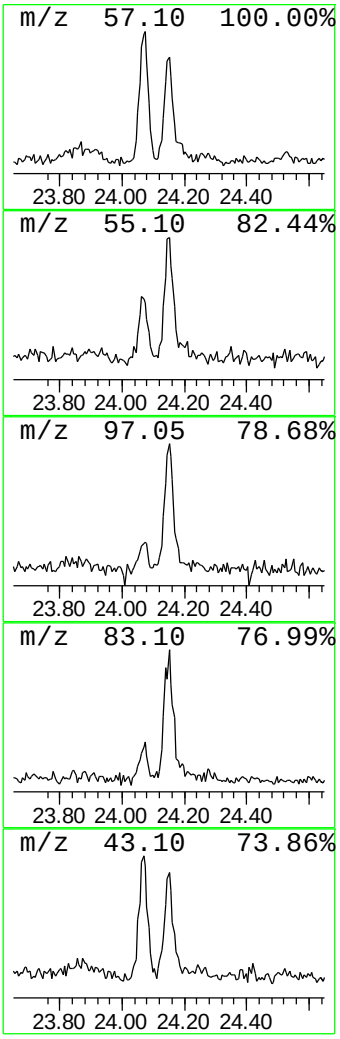
Peak Number 24 (DEL) Alkane: Cyclic24.15 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	3.12 ng/ul	380741	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
2	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87
3	1-Nonadecene	266	C19H38	018435-45-5	74
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	68
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	68





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Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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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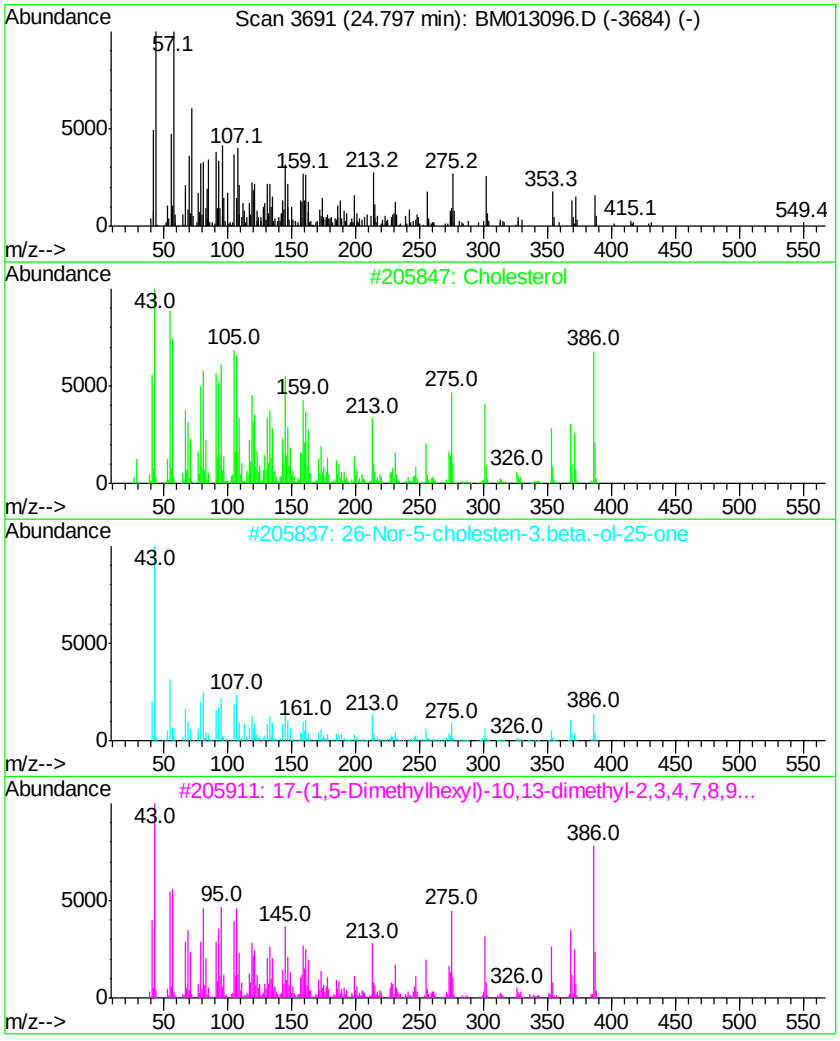
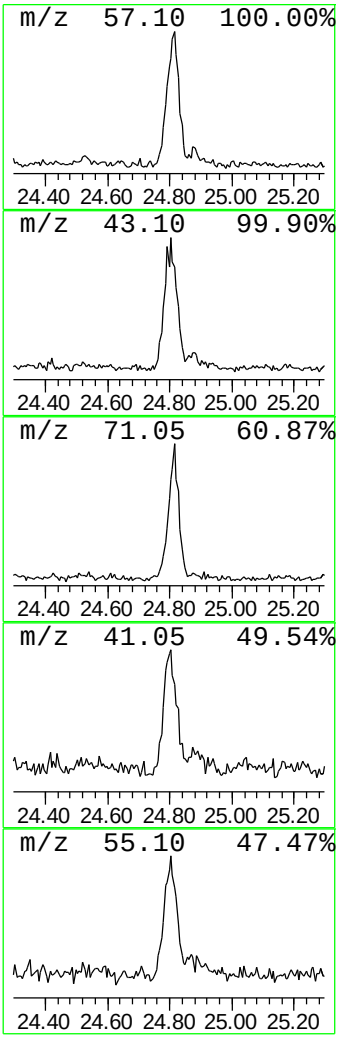
Peak Number 25 Cholesterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	8.45 ng/ul	1032920	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	98
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	97
3	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	97
4	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	95
5	Cholesterol	386	C27H46O	000057-88-5	91





Tentatively Identified Compound (LSC) summary

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Data File : BM013096.D
Acq On : 22 Nov 2017 21:30
Operator : SJ/JU
Sample : I6514-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC8

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	3.88	4.4	ng/ul	313041	1	7.71	1420650	20.0
Pentanoic acid	5.23	4.3	ng/ul	305666	1	7.71	1420650	20.0
Phenol, 3-ethyl-	9.95	4.7	ng/ul	445063	2	10.49	1913860	20.0
Phenol, 2-propyl-	11.32	5.0	ng/ul	477735	2	10.49	1913860	20.0
Resorcinol	11.55	14.2	ng/ul	1358600	2	10.49	1913860	20.0
Hydrocinnamic acid	12.36	35.0	ng/ul	3344370	2	10.49	1913860	20.0
1,2-Benzenediol, ...	12.53	19.3	ng/ul	2323220	3	14.35	2405550	20.0
n-Decanoic acid	12.65	2.9	ng/ul	346333	3	14.35	2405550	20.0
Orcinol	12.79	2.1	ng/ul	256905	3	14.35	2405550	20.0
Dodecanoic acid	14.79	4.7	ng/ul	570513	3	14.35	2405550	20.0
2-Penten-1-one, 1...	16.44	28.5	ng/ul	4199060	4	17.10	2945910	20.0
Tetradecanoic acid	16.52	7.1	ng/ul	1052390	4	17.10	2945910	20.0
(1S,15S)-Bicyclo[...	17.89	2.3	ng/ul	332433	4	17.10	2945910	20.0
n-Hexadecanoic acid	18.02	32.5	ng/ul	4786900	4	17.10	2945910	20.0
unknown-01	19.17	7.5	ng/ul	1103820	4	17.10	2945910	20.0
Octadecanoic acid	19.29	18.3	ng/ul	2350380	5	21.28	2564840	20.0
2,2'-Ethylenediph...	19.34	4.8	ng/ul	614616	5	21.28	2564840	20.0
Cyclododecanone	20.29	4.7	ng/ul	605616	5	21.28	2564840	20.0
[1,1'-Biphenyl]-3...	20.38	7.7	ng/ul	987152	5	21.28	2564840	20.0
9H-Xanthen-9-one,...	20.62	13.2	ng/ul	1687510	5	21.28	2564840	20.0
1-Heneicosanol	21.00	8.8	ng/ul	1123200	5	21.28	2564840	20.0
Trioxsalen	22.64	4.0	ng/ul	495367	6	23.51	2443750	20.0
(DEL) Alkane: Str...	24.07	2.1	ng/ul	259905	6	23.51	2443750	20.0
(DEL) Alkane: Cyc...	24.15	3.1	ng/ul	380741	6	23.51	2443750	20.0
Cholesterol	24.80	8.4	ng/ul	1032920	6	23.51	2443750	20.0