LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013115.D
Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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	3.546	70	78	85	rBV2	84686	170423	1.63%	0.145%
2	3.957	125	148	159	rBV2	606752	1826203	17.50%	1.556%
3	4.663	255	268	276	rBV	167416	408876	3.92%	0.348%
4	4.804	282	292	296	rVB	132095	279639	2.68%	0.238%
5	5.269	354	371	375	rBV2	178665	537918	5.15%	0.458%
6	6.751	612	623	628	rBV2	91851	192906	1.85%	0.164%
7	6.898	641	648	649	rBV	716758	954256	9.14%	0.813%
8	6.922	649	652	659	rVB	1051583	1661647	15.92%	1.416%
9	7.051	667	674	683	rVB	561663	868218	8.32%	0.740%
10	7.251	700	708	715	rBV	767634	1218414	11.67%	1.038%
11	7.710	777	786	792	rBV	915753	1456859	13.96%	1.241%
12	8.016	834	838	844	rVB2	73206	115560	1.11%	0.098%
13	8.428	902	908	913	rVV	914507	1494840	14.32%	1.274%
14	8.498	913	920	930	rVB	6078995	9788024	93.78%	8.340%
15	8.863	973	982	994	rBV	774393	1278310	12.25%	1.089%
16	9.581	1096	1104	1117	rVB2	721871	1223257	11.72%	1.042%
17	9.769	1124	1136	1143	rBV	121668	274584	2.63%	0.234%
18	9.951	1162	1167	1176	rVB	83588	142096	1.36%	0.121%
19	10.122	1189	1196	1205	rBV	1097227	1747718	16.74%	1.489%
20	10.486	1249	1258	1266	rBV	1281597	2152447	20.62%	1.834%
21	10.628	1274	1282	1292	rBV	593557	1073252	10.28%	0.914%
22	11.045	1345	1353	1359	rBV	111555	207574	1.99%	0.177%
23	11.322	1390	1400	1406	rBV	91977	179148	1.72%	0.153%
24	12.374	1562	1579	1598	rBV	1716829	4846500	46.43%	4.129%
25	13.763	1809	1815	1820	rBV	2053016	2871279	27.51%	2.446%
26	13.810	1820	1823	1831	rVB	303247	404123	3.87%	0.344%
27	14.039	1852	1862	1869	rBV	2213136	3294959	31.57%	2.807%
28	14.257	1895	1899	1903	rVB	102305	127898	1.23%	0.109%
29	14.351	1903	1915	1923	rVB2	1931038	3129666	29.98%	2.667%
30	14.574	1946	1953	1965	rBV	747340	1171755	11.23%	0.998%
31	14.780	1982	1988	1993	rBV4	100545	164272	1.57%	0.140%
32	15.210	2057	2061	2069	rVB	130844	179365	1.72%	0.153%
33	15.345	2076	2084	2090	rBV	2781867	3986456	38.19%	3.397%
34	15.463	2096	2104	2114	rBV	915069	1307863	12.53%	1.114%

LSC Area Percent Report

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Data File : BM013115.D
Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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	15.851	2160	2170	2176	rBV8	159528	357908	3.43%	0.305%
36	16.074	2204	2208	2211	rBV2	127111	174475	1.67%	0.149%
37	16.362	2249	2257	2263	rBV	97343	155217	1.49%	0.132%
38	16.439	2263	2270	2277	rBV	1728529	2385243	22.85%	2.032%
39	16.515	2277	2283	2291	rVV	577268	766237	7.34%	0.653%
40	17.092	2373	2381	2387	rBV2	2626773	3795336	36.36%	3.234%
41	17.192	2392	2398	2409	rVB	3286811	4680852	44.85%	3.988%
42	17.280	2409	2413	2418	rBV8	69054	117699	1.13%	0.100%
43	17.880	2508	2515	2523	rBV8	53586	158837	1.52%	0.135%
44	18.021	2531	2539	2555	rBV	6693532	10437526	100.00%	8.893%
45	18.139	2557	2559	2564	rVB3	87144	110018	1.05%	0.094%
46	19.174	2730	2735	2750	rBV3	646979	1661306	15.92%	1.415%
47	19.292	2750	2755	2762	rVV	2710512	3434864	32.91%	2.927%
48	19.345	2762	2764	2771	rVB2	163115	223157	2.14%	0.190%
49	19.486	2783	2788	2797	rVB	3799997	5241218	50.22%	4.466%
50	20.292	2919	2925	2935	rBV	3967596	5287976	50.66%	4.506%
51	20.386	2937	2941	2953	rVB	1570566	2258678	21.64%	1.924%
52	20.627	2975	2982	2994	rBV	5600280	8426986	80.74%	7.180%
53	21.003	3042	3046	3052	rVB2	603309	715306	6.85%	0.609%
54	21.280	3088	3093	3100	rBV	3723253	4532632	43.43%	3.862%
55	22.468	3292	3295	3302	rVB	193829	260660	2.50%	0.222%
56	22.844	3355	3359	3364	rBV2	282403	416234	3.99%	0.355%
57	22.891	3364	3367	3371	rVB3	130761	175698	1.68%	0.150%
58	23.368	3441	3448	3461	rVV	2812113	5489243	52.59%	4.677%
59	23.509	3465	3472	3480	rVB	2056182	3956995	37.91%	3.371%
60	24.056	3560	3565	3571	rVB2	428191	806736	7.73%	0.687%
61	24.797	3686	3691	3698	rVB8	268893	603567	5.78%	0.514%

Sum of corrected areas: 117366909

LSC Report - Integrated Chromatogram

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Data File : BM013115.D
Acq On : 27 Nov 2017 17:51
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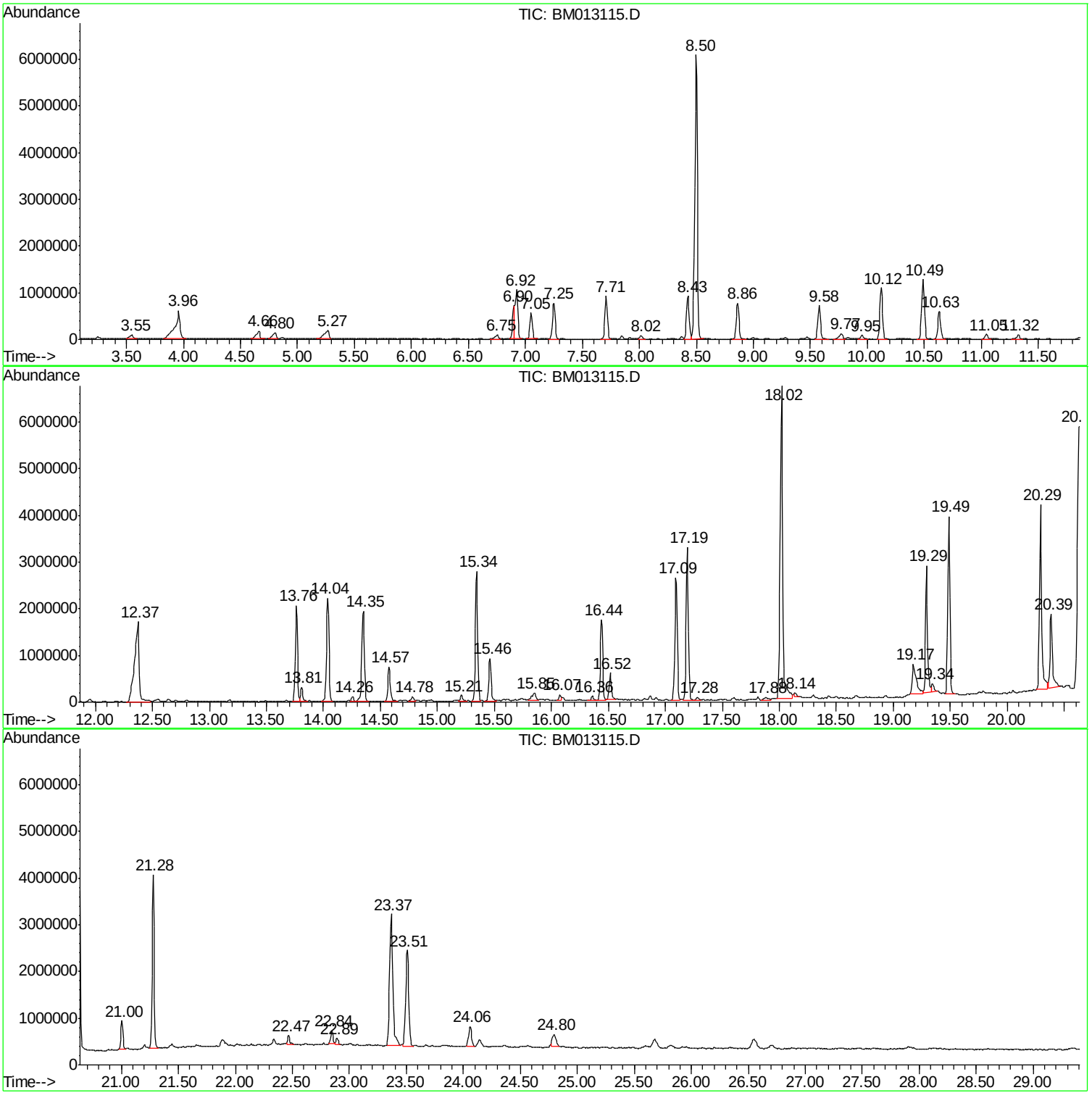
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013115.D
Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

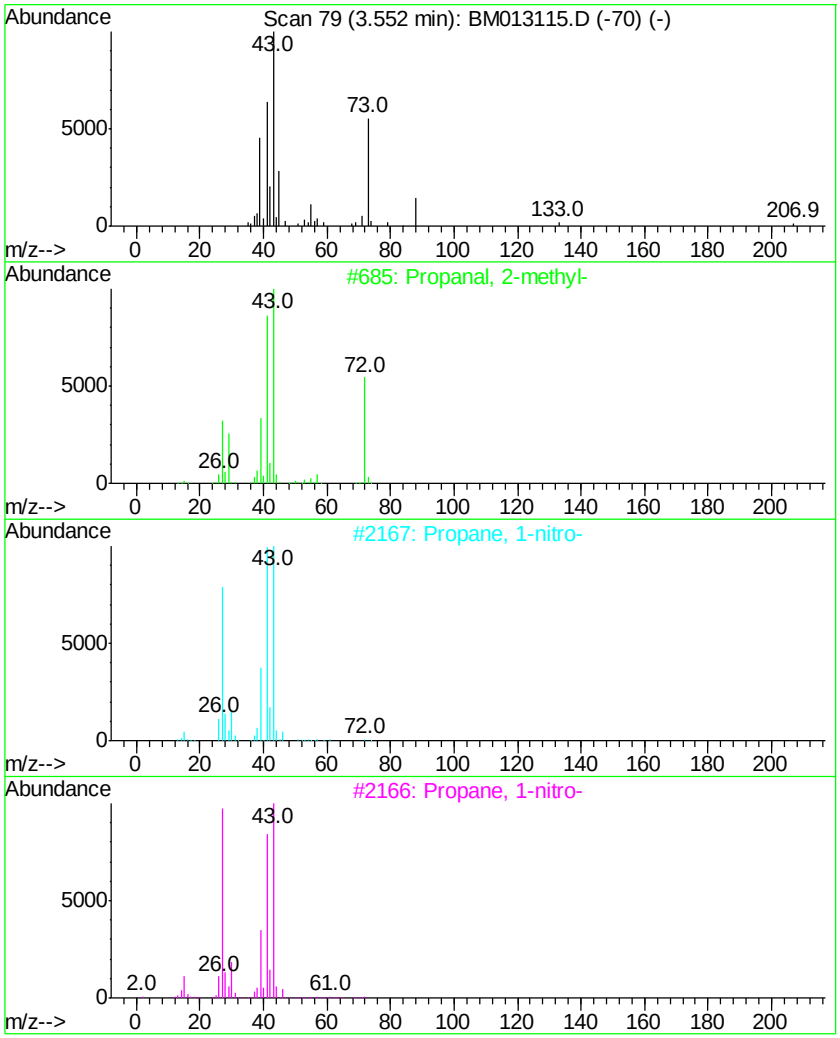
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

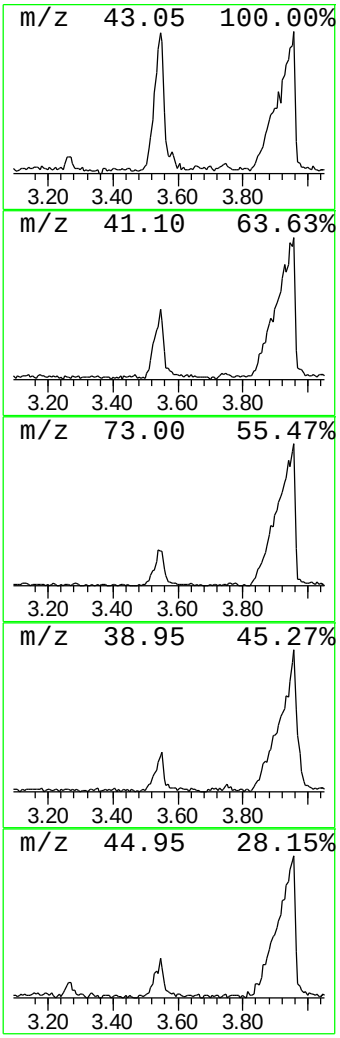
****

Peak Number 1 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	2.34 ng/ul	170423	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	40
2	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	38
3	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	38
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	35
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
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Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

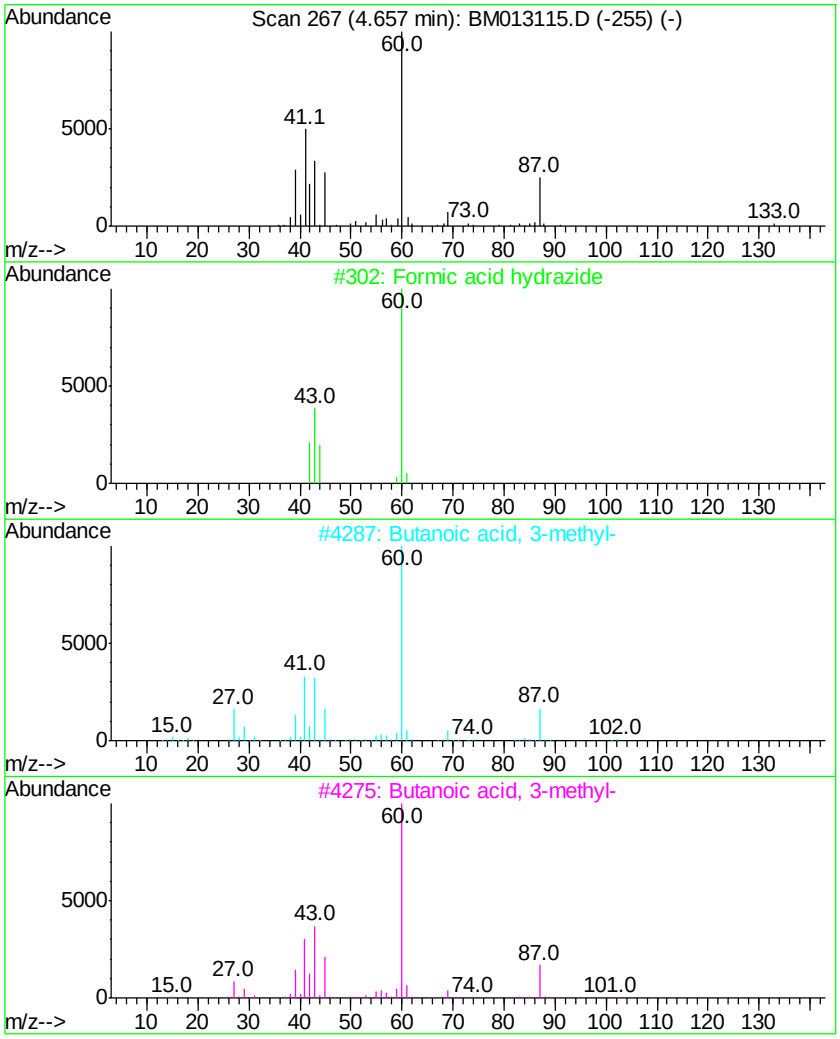
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

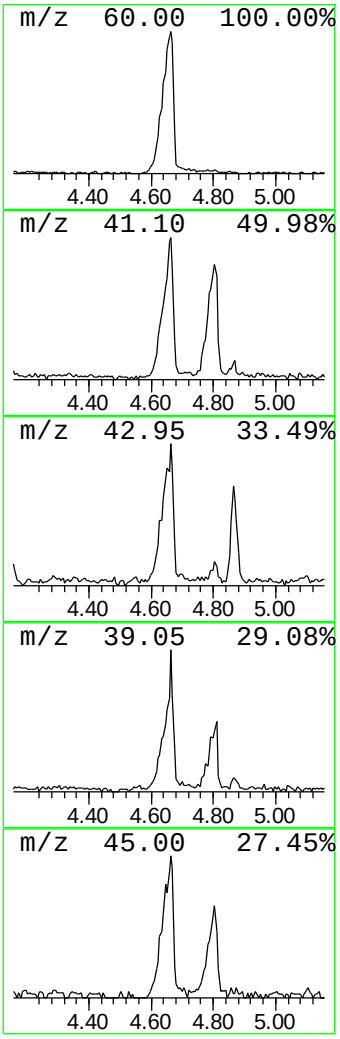
****

Peak Number 3 Formic acid hydrazide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	5.61 ng/ul	408876	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid hydrazide	60	CH4N2O	000624-84-0	53
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	40
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	37
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	28





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Data File : BM013115.D
Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

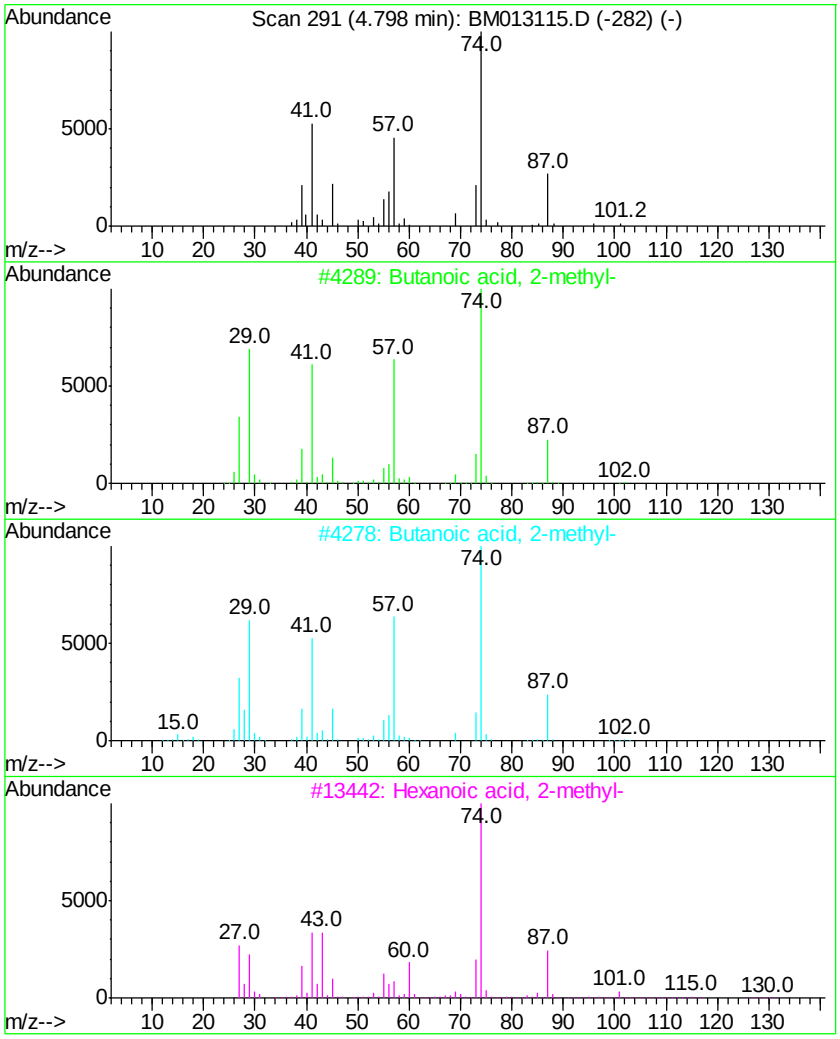
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

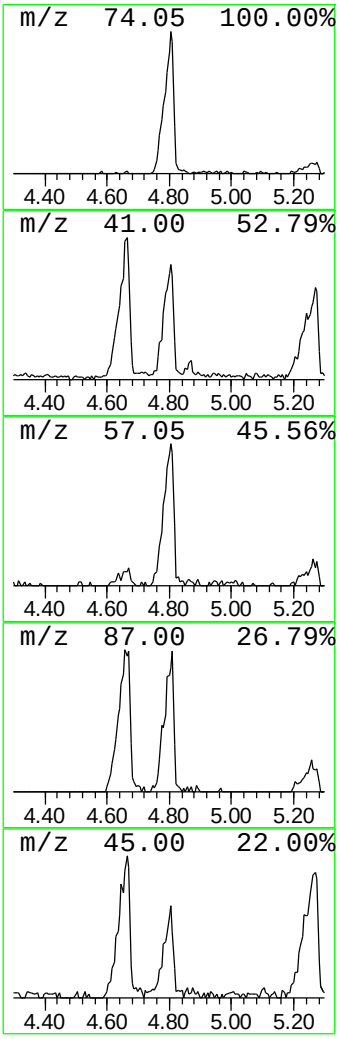
****

Peak Number 4 Butanoic acid, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	3.84 ng/ul	279639	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	56
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	50
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	45
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	45
5	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013115.D
Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

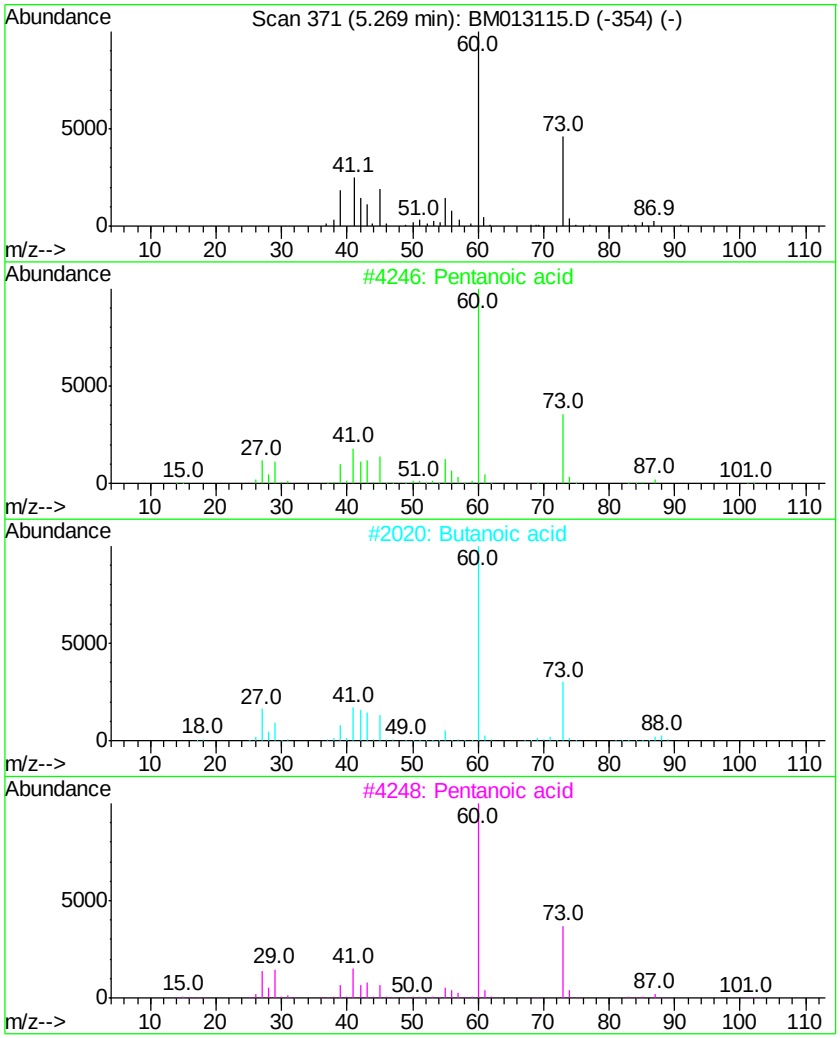
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

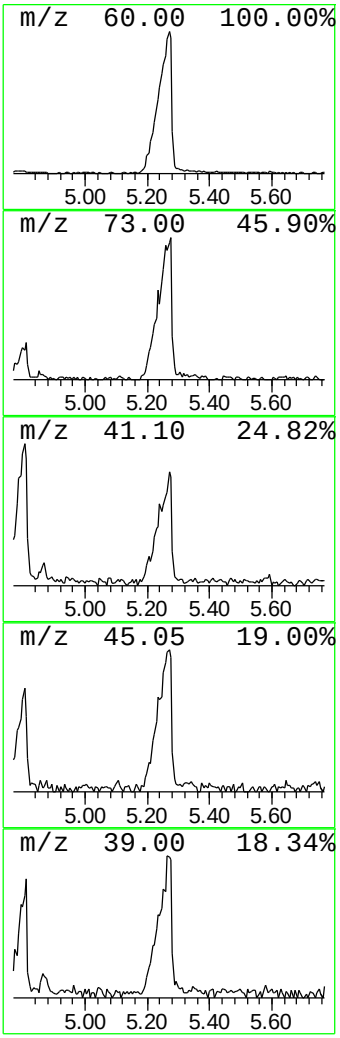
****

Peak Number 5 Pentanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	7.38 ng/ul	537918	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	90
2	Butanoic acid	88	C4H8O2	000107-92-6	74
3	Pentanoic acid	102	C5H10O2	000109-52-4	64
4	Hexanoic acid	116	C6H12O2	000142-62-1	56
5	Butanoic acid	88	C4H8O2	000107-92-6	43





Library Search Compound Report

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Sample : I6496-17
Misc :
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Instrument : BNA_M
ClientSampleId : C0AA8

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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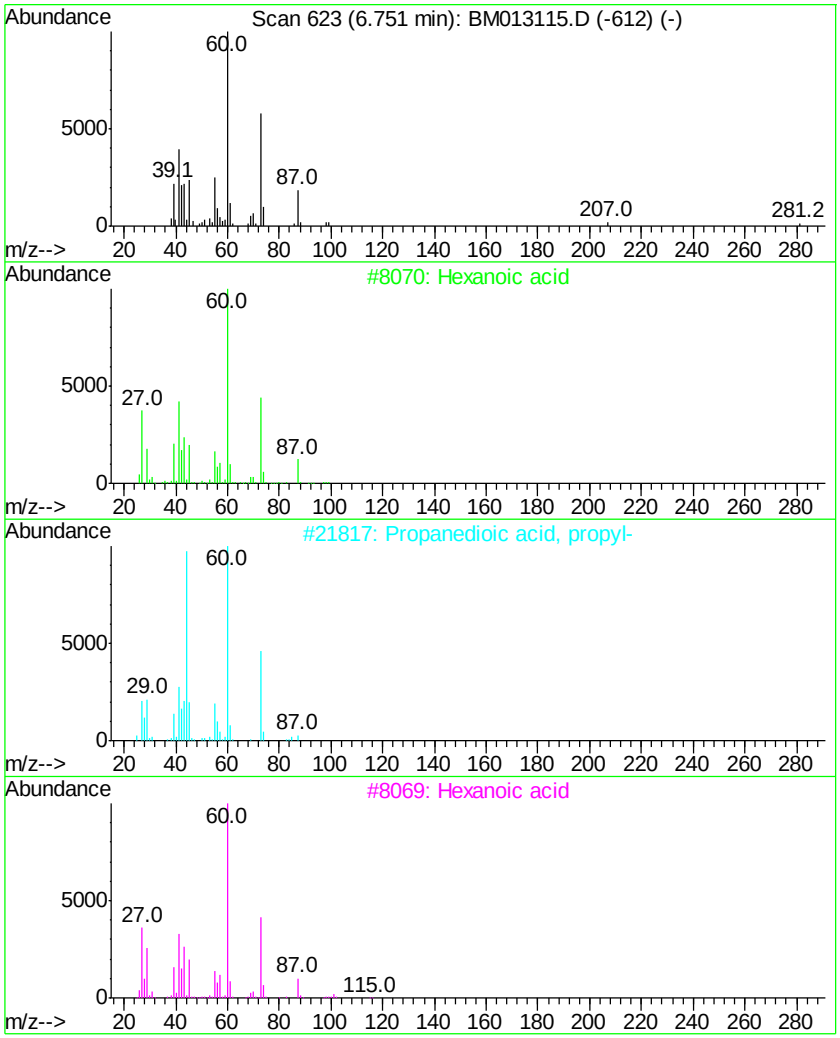
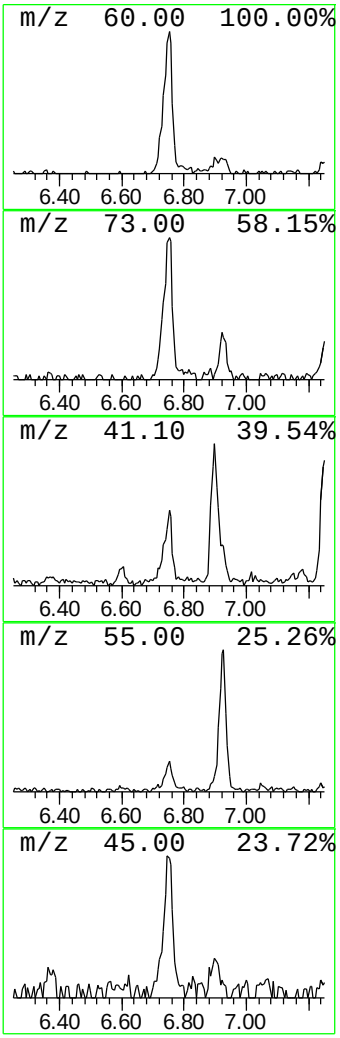
Peak Number 6 Hexanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	2.65 ng/ul	192906	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
3	Hexanoic acid	116	C6H12O2	000142-62-1	74
4	Octanoic acid	144	C8H16O2	000124-07-2	56
5	Heptanoic acid	130	C7H14O2	000111-14-8	50





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Instrument : BNA_M
ClientSampleId : C0AA8

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

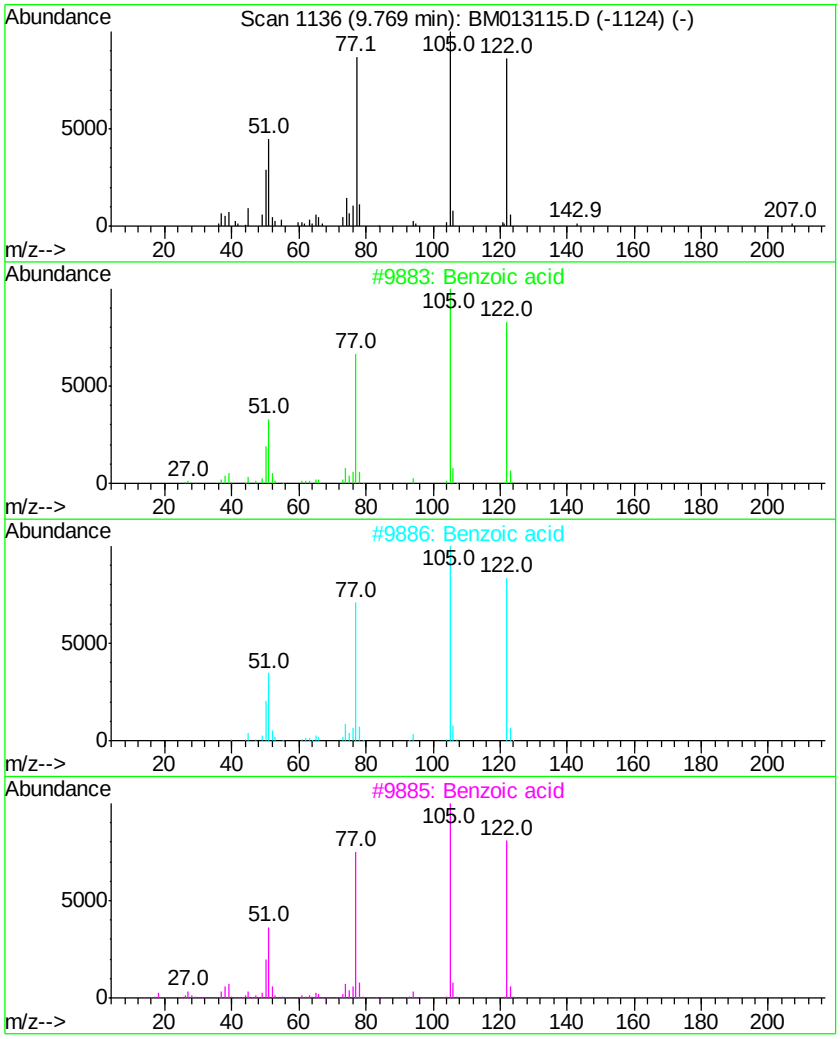
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

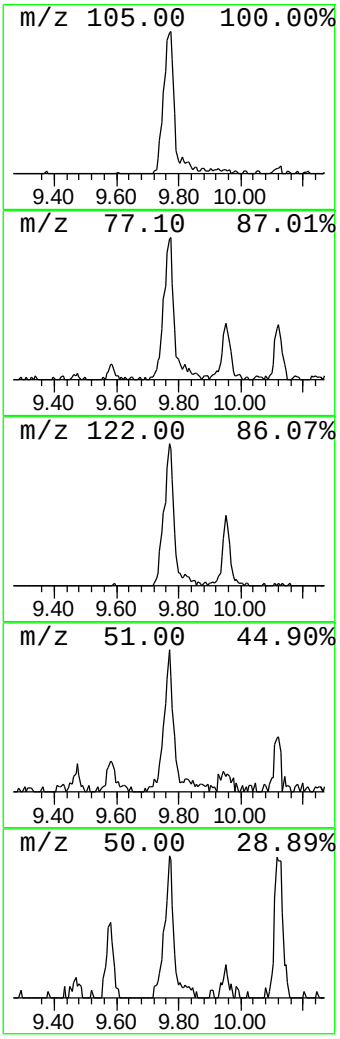
****

Peak Number 7 Benzoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.55 ng/ul	274584	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	95
2	Benzoic acid	122	C7H6O2	000065-85-0	94
3	Benzoic acid	122	C7H6O2	000065-85-0	91
4	Benzoic acid	122	C7H6O2	000065-85-0	91
5	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	90





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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

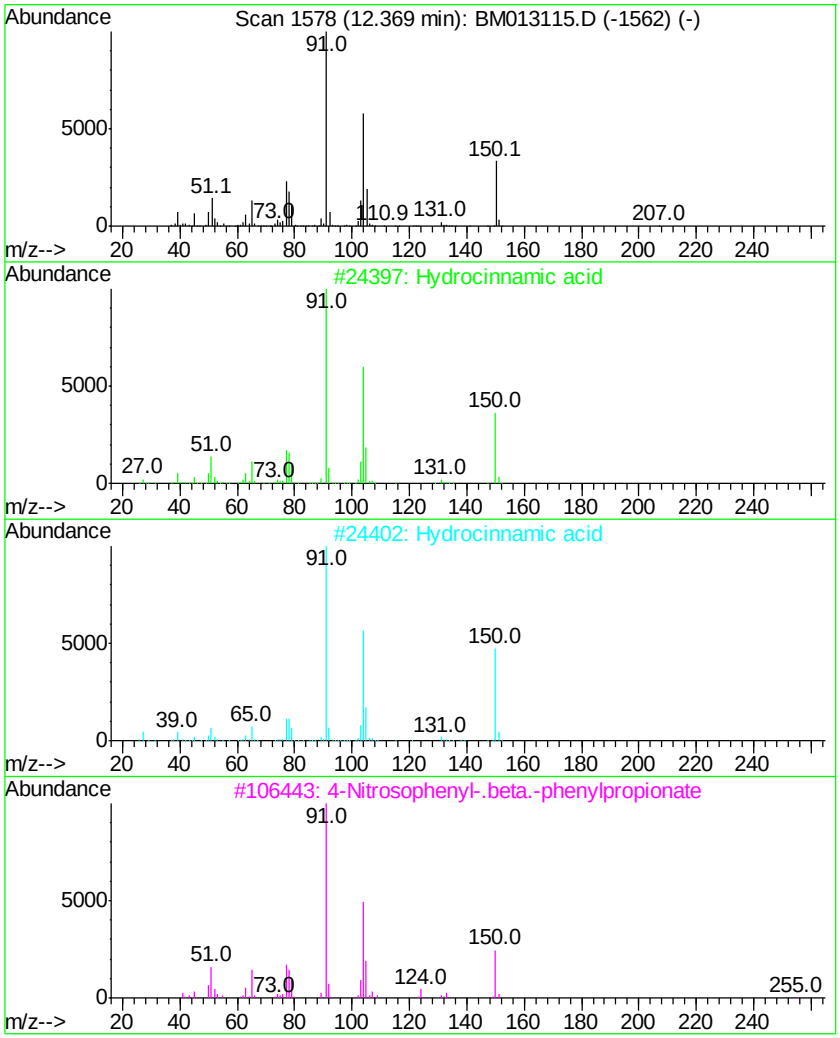
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

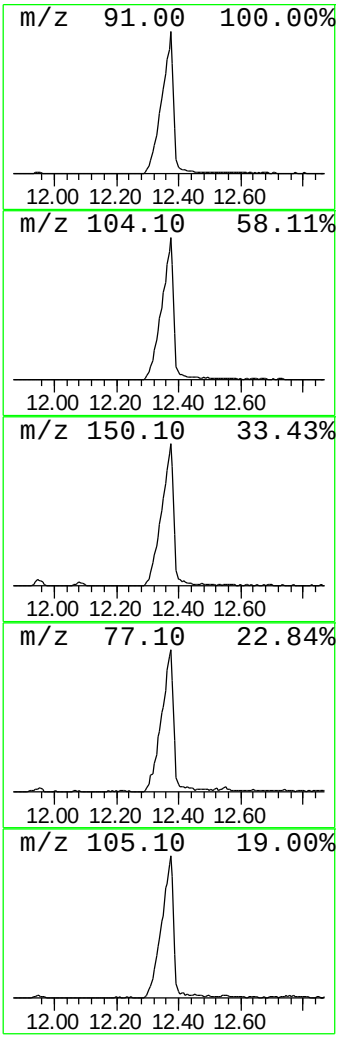
****

Peak Number 8 Hydrocinnamic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	45.03 ng/ul	4846500	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	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	90
4	Hydrocinnamic acid	150	C9H10O2	000501-52-0	87
5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013115.D
Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

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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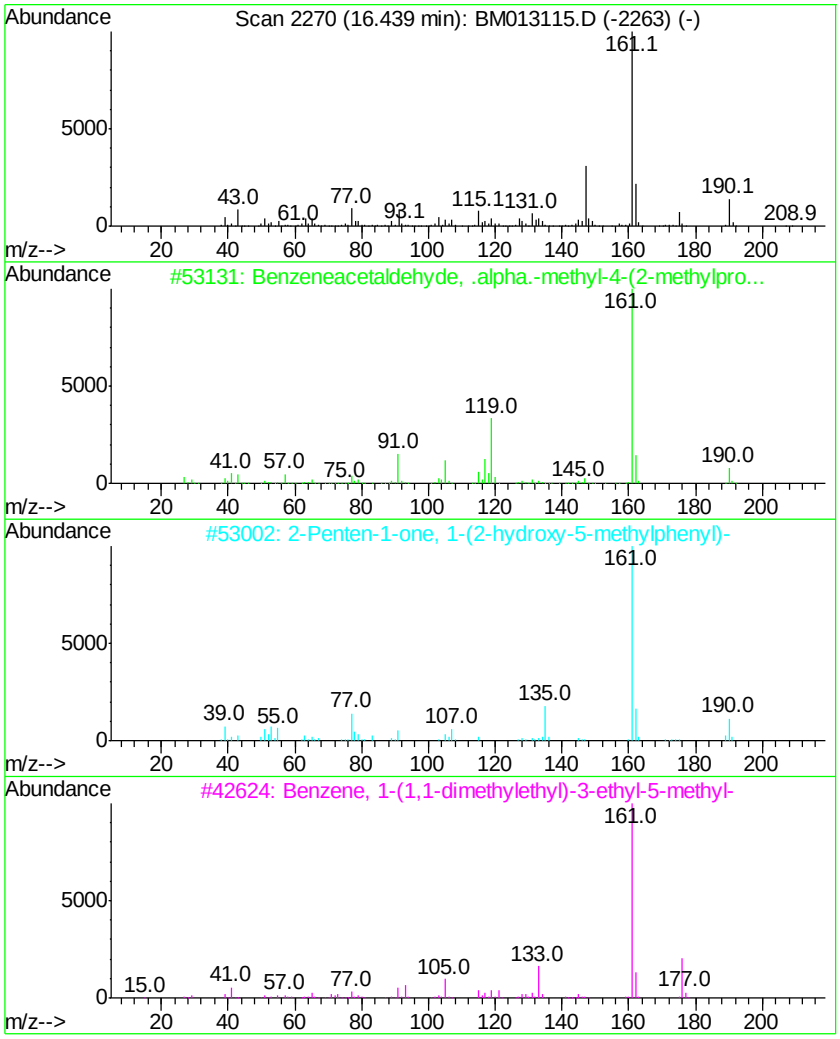
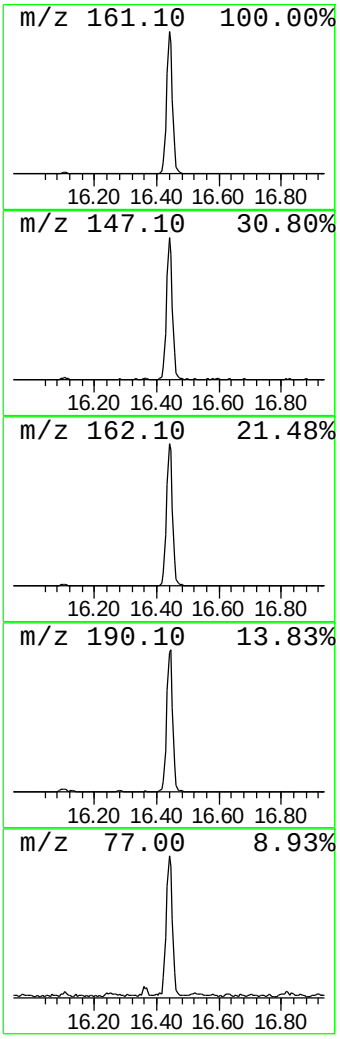
Peak Number 9 Benzeneacetaldehyde, .alpha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	12.57 ng/ul	2385240	Phenanthrene-d10	17.09

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	Benzene, 1-(1,1-dimethylethyl)-3...	176	C13H20	006630-01-9	47
4	Indole-4-carboxylic acid	161	C9H7NO2	002124-55-2	43
5	Benzene, 1,3-bis(1-methylpropyl)-	190	C14H22	001079-96-5	42





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Data File : BM013115.D
Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

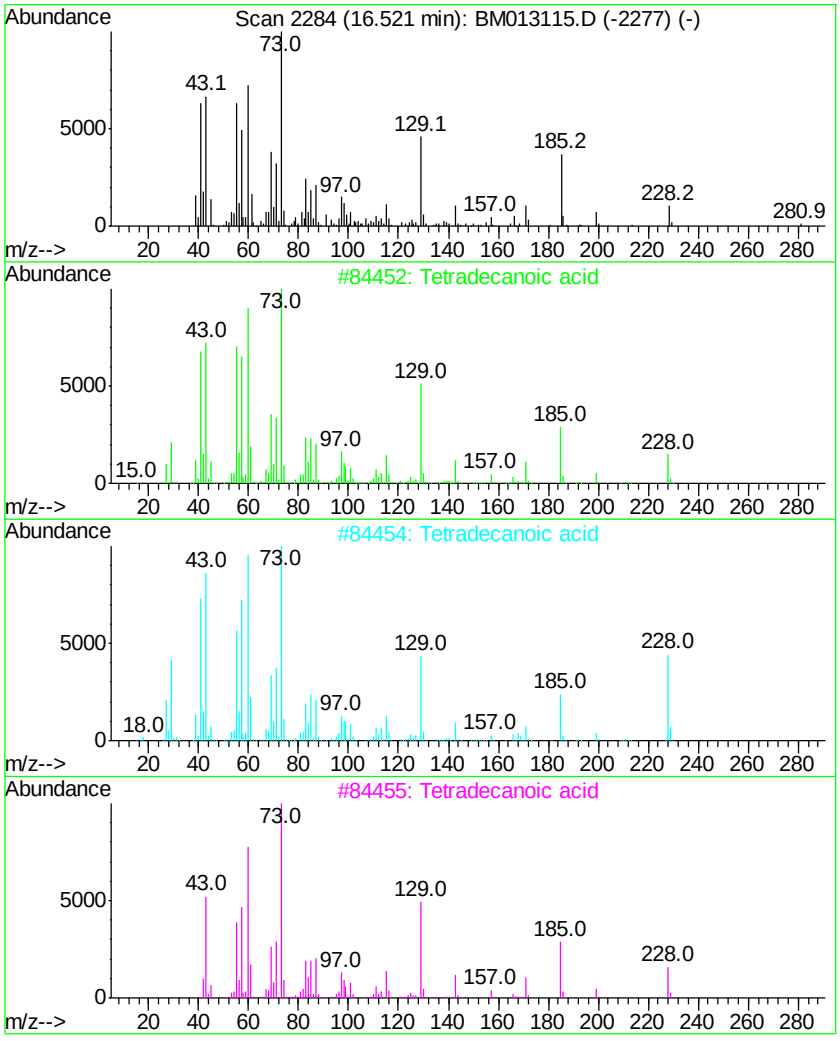
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

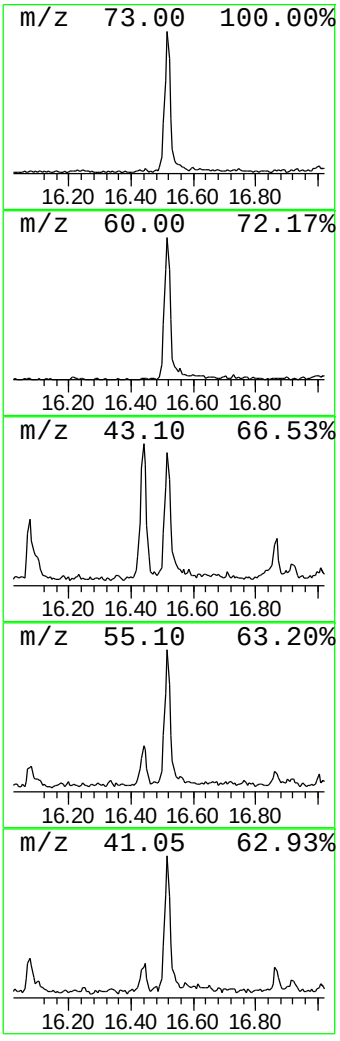
****

Peak Number 10 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	4.04 ng/ul	766237	Phenanthrene-d10	17.09

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	n-Decanoic acid	172	C10H20O2	000334-48-5	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	86





Library Search Compound Report

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Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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Quant Title : SVOA CALIBRATION

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

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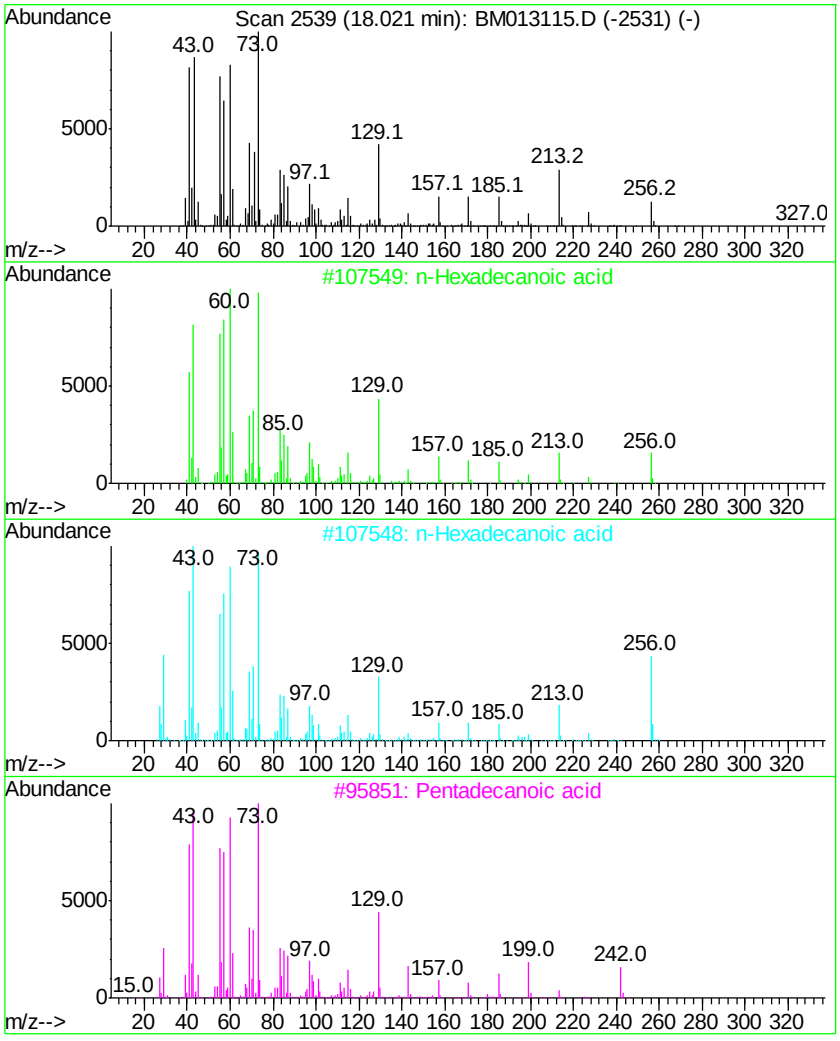
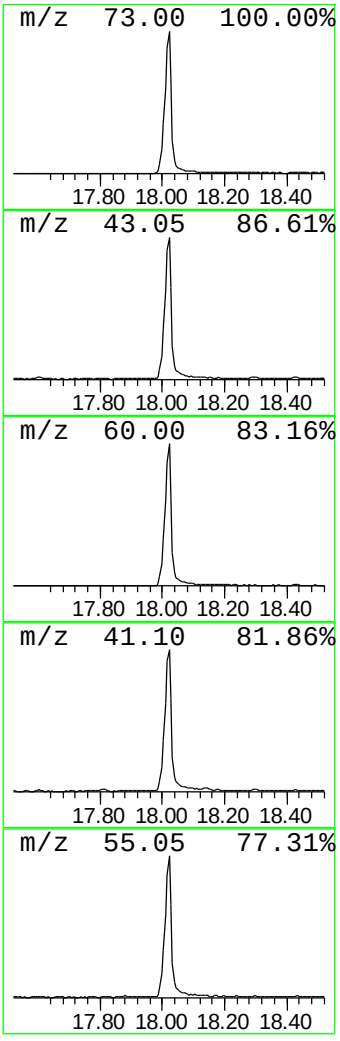
Peak Number 11 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	55.00 ng/ul	10437500	Phenanthrene-d10	17.09

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





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ClientSampleId : C0AA8

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Quant Title : SVOA CALIBRATION

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

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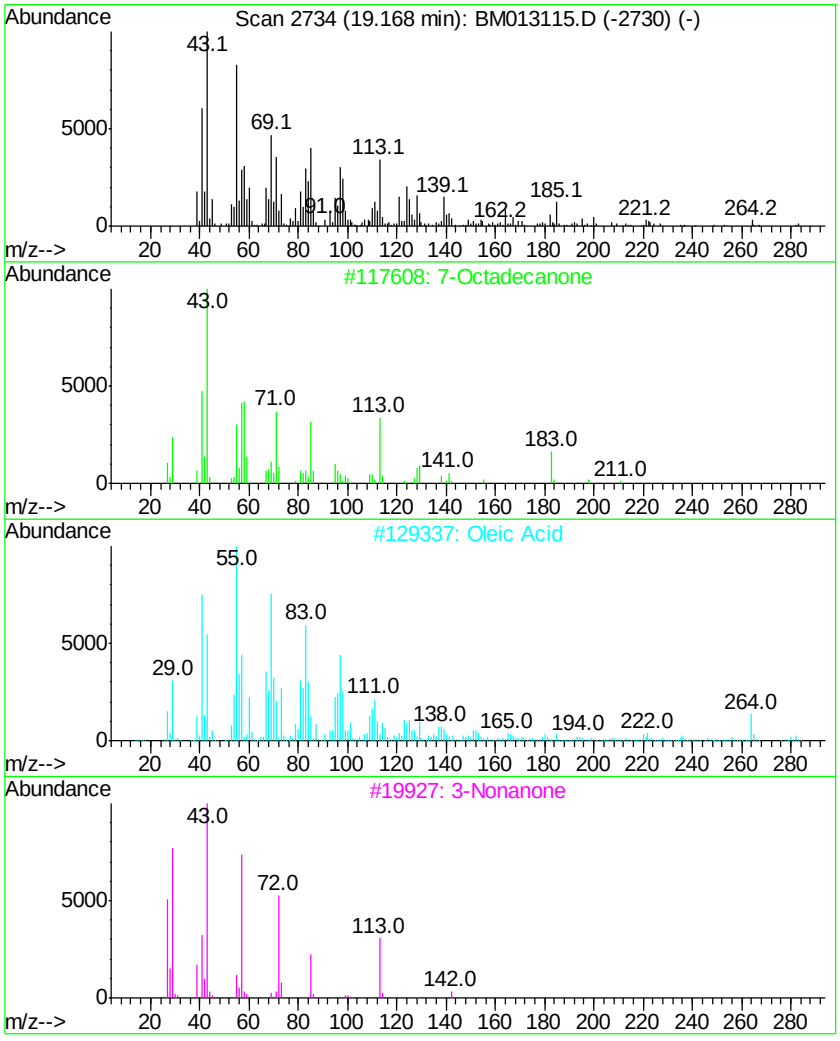
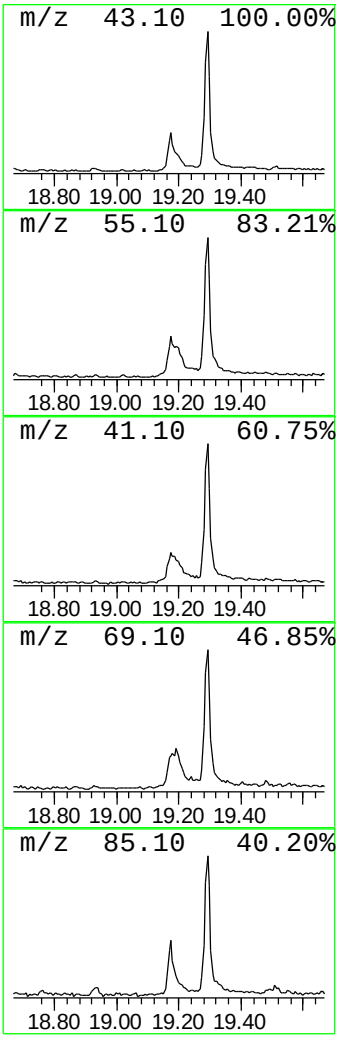
Peak Number 12 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	8.75 ng/ul	1661310	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octadecanone	268	C18H36O	018277-00-4	41
2	Oleic Acid	282	C18H34O2	000112-80-1	25
3	3-Nonanone	142	C9H18O	000925-78-0	22
4	3,4-Dimethyl-isoxazol-5(4H)-one	113	C5H7NO2	015731-93-8	14
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	14





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AA8

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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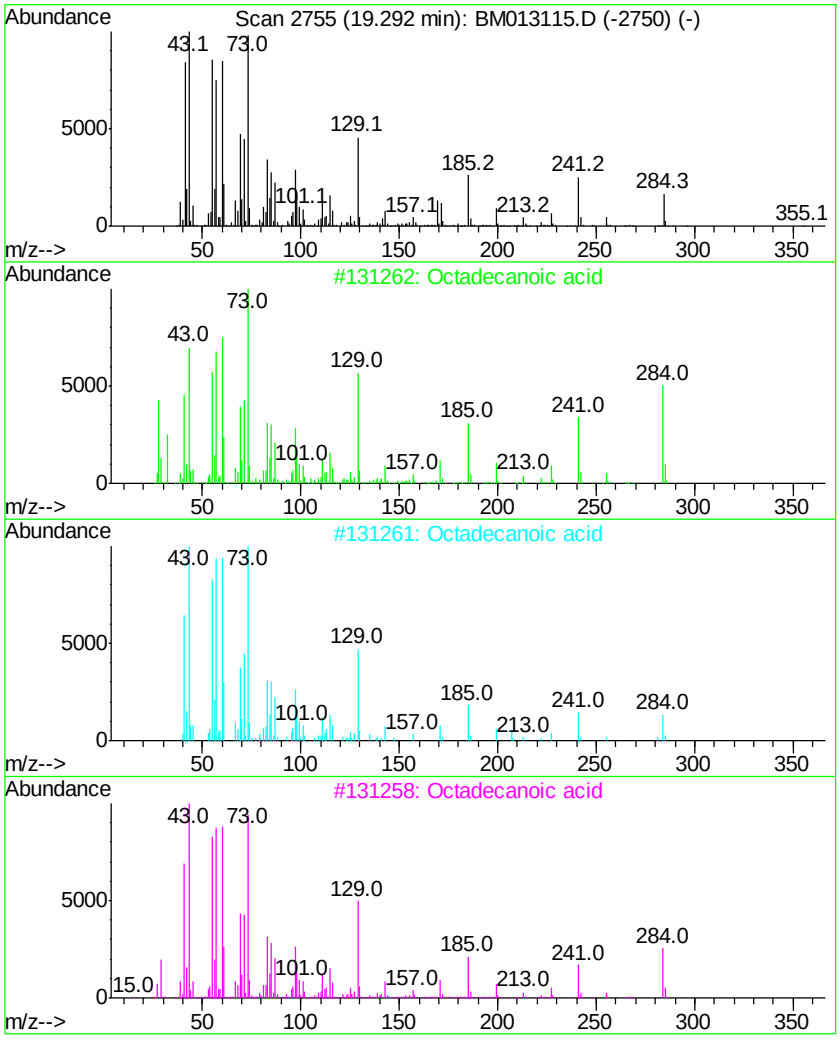
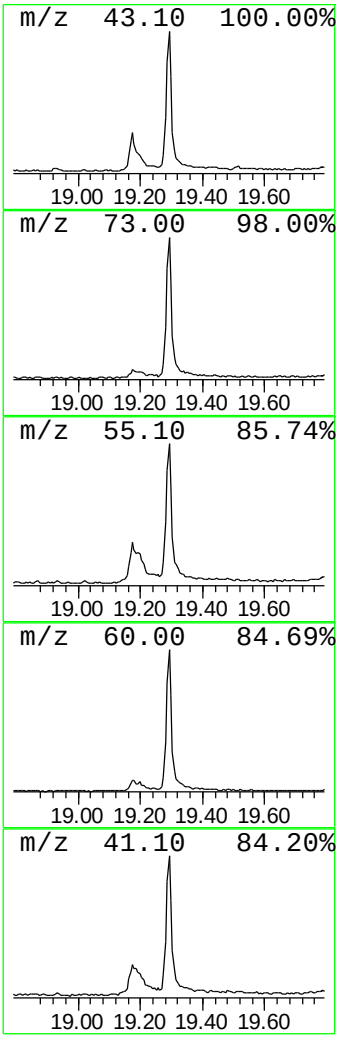
Peak Number 13 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	15.16 ng/ul	3434860	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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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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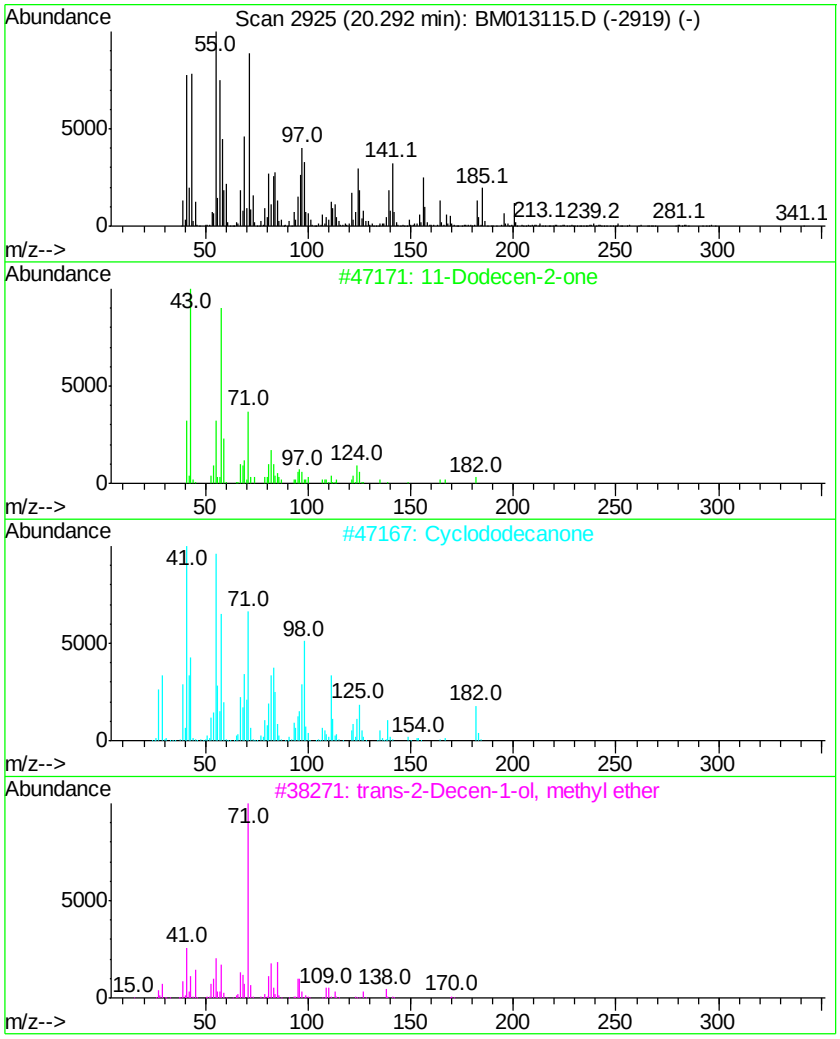
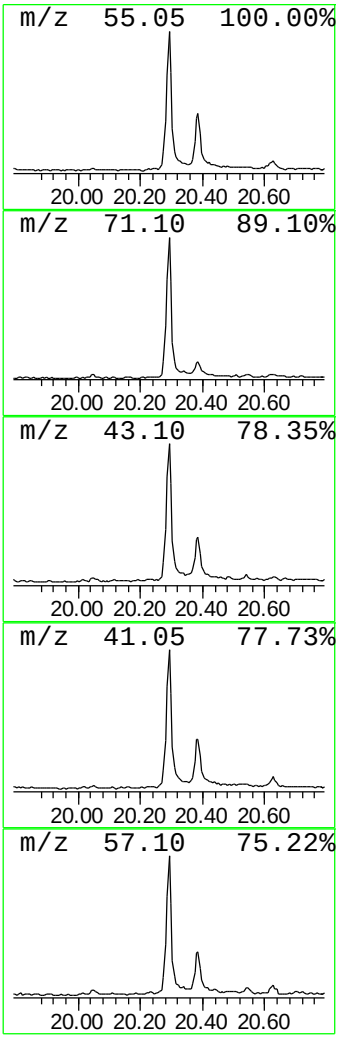
Peak Number 14 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	23.33 ng/ul	5287980	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Dodecen-2-one	182	C12H22O	005009-33-6	38
2	Cyclododecanone	182	C12H22O	000830-13-7	35
3	trans-2-Decen-1-ol, methyl ether	170	C11H22O	1000352-66-3	35
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	30
5	9-Heptadecanone	254	C17H34O	000540-08-9	30





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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Quant Title : SVOA CALIBRATION

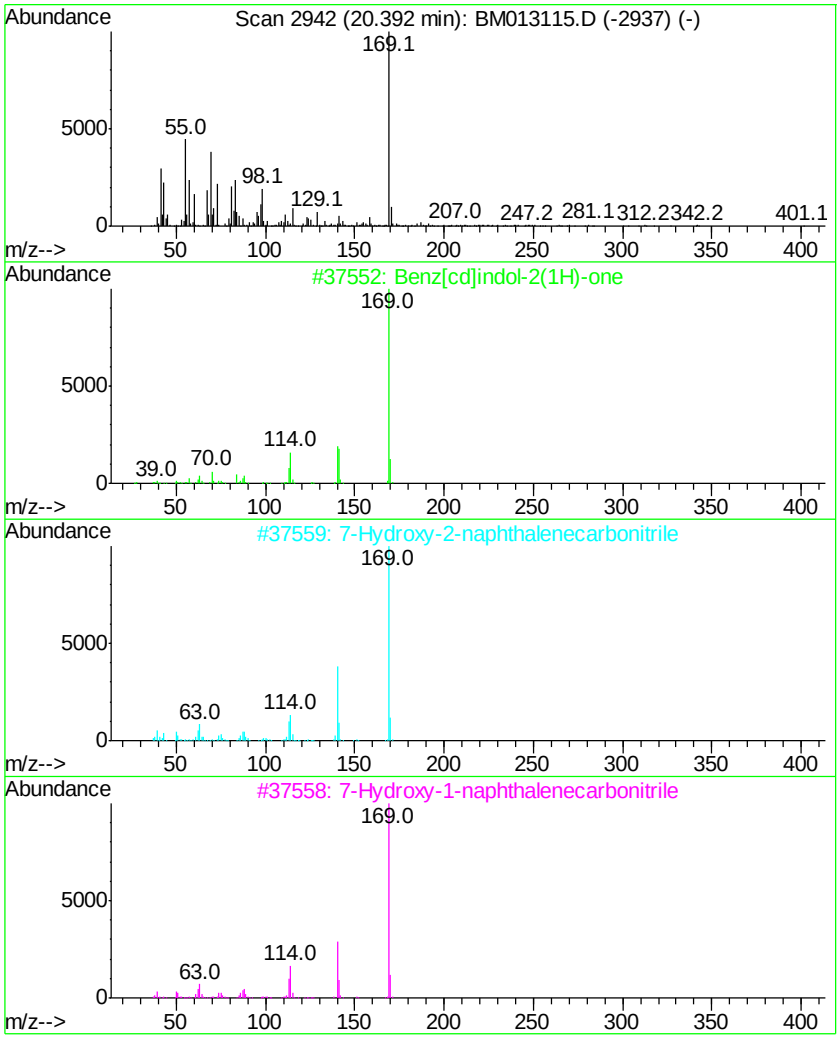
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

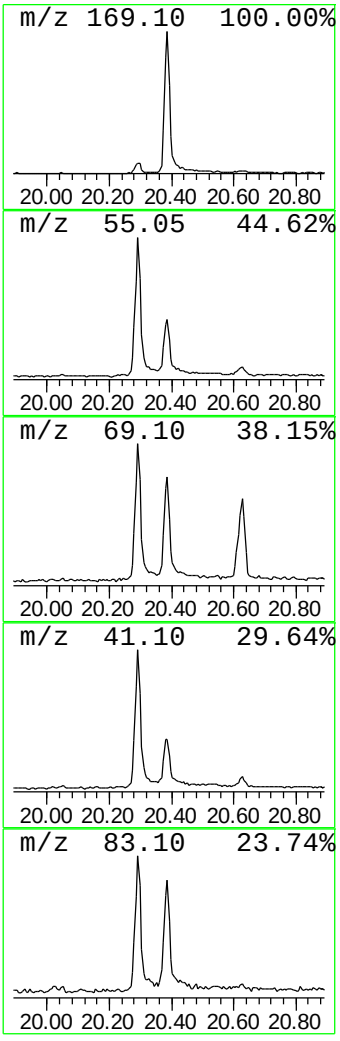
****

Peak Number 15 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	9.97 ng/ul	2258680	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	46
2	7-Hydroxy-2-naphthalenecarbonitrile	169	C11H7NO	1000326-75-0	43
3	7-Hydroxy-1-naphthalenecarbonitrile	169	C11H7NO	1000326-74-9	43
4	6-Hydroxy-2-naphthalenecarbonitrile	169	C11H7NO	1000326-74-8	43
5	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	43





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Instrument : BNA_M
ClientSampleId : C0AA8

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Quant Title : SVOA CALIBRATION

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

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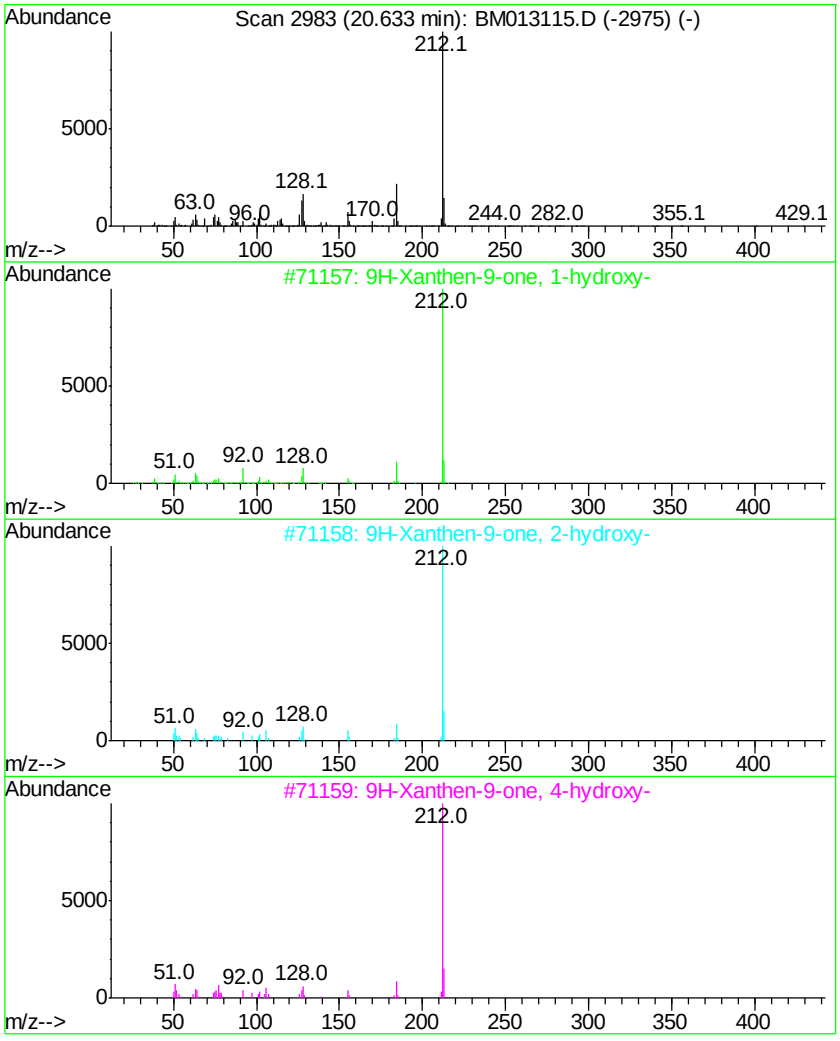
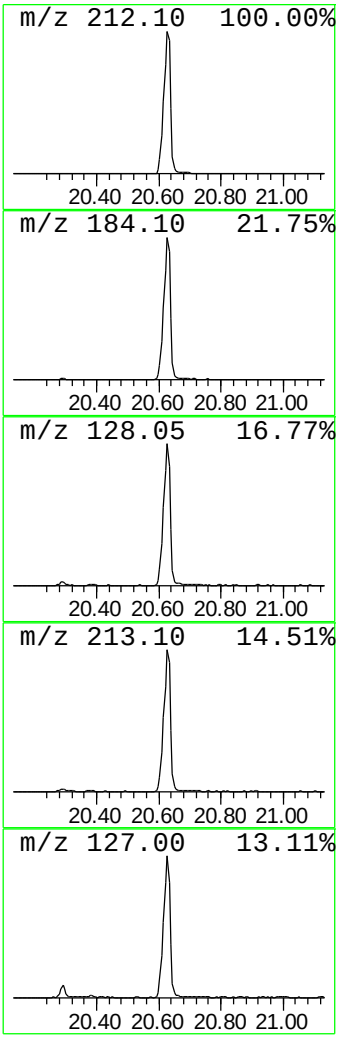
Peak Number 16 9H-Xanthen-9-one, 1-hydroxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	37.18 ng/ul	8426990	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthen-9-one, 1-hydroxy-	212	C13H8O3	000719-41-5	90
2	9H-Xanthen-9-one, 2-hydroxy-	212	C13H8O3	001915-98-6	90
3	9H-Xanthen-9-one, 4-hydroxy-	212	C13H8O3	014686-63-6	87
4	2-Methyl-3,4-quinolinedicarboxyl...	212	C12H8N2O2	027295-64-3	86
5	9H-Xanthen-9-one, 1-hydroxy-	212	C13H8O3	000719-41-5	81





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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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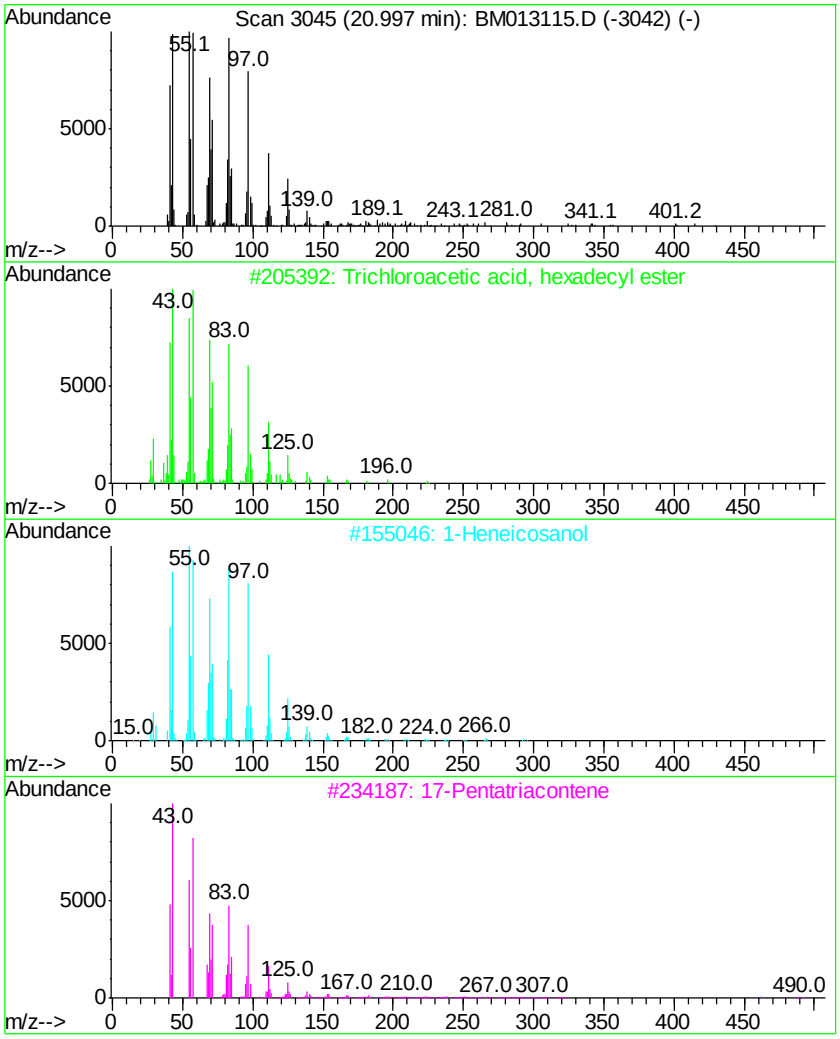
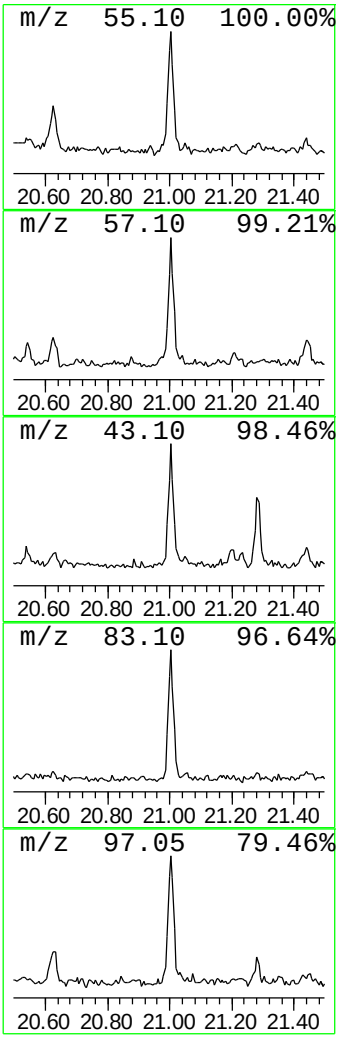
Peak Number 17 Trichloroacetic acid, hexad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.16 ng/ul	715306	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





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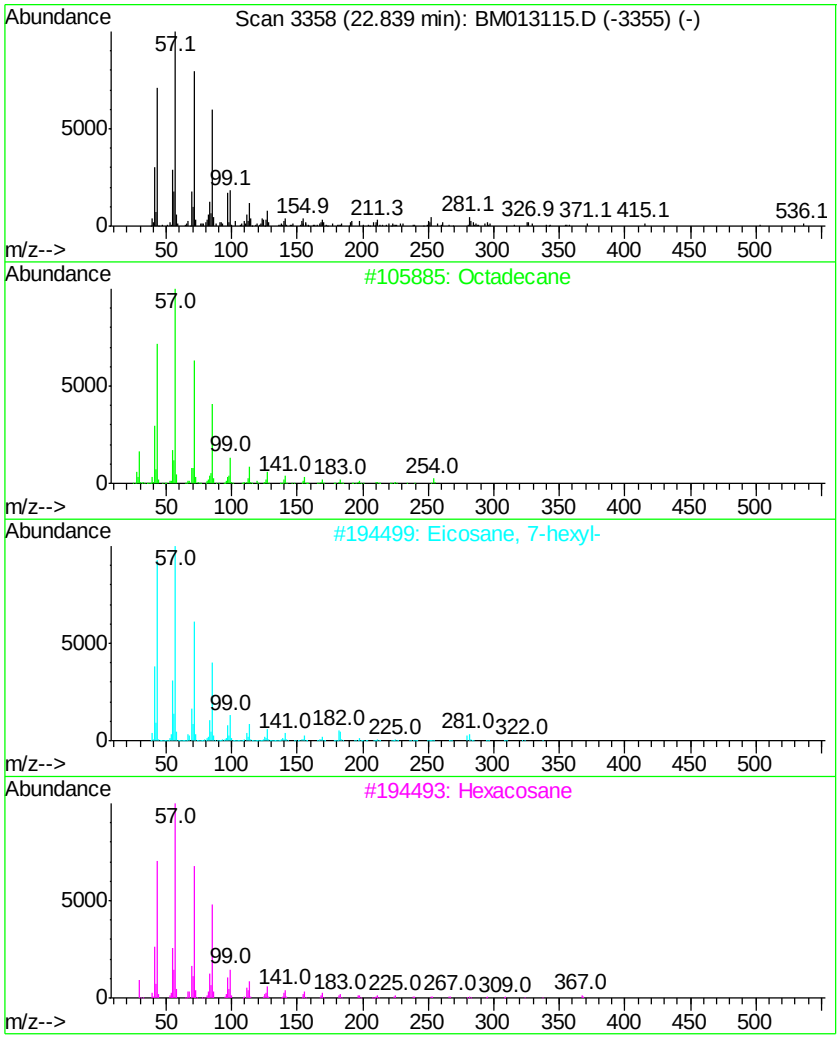
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

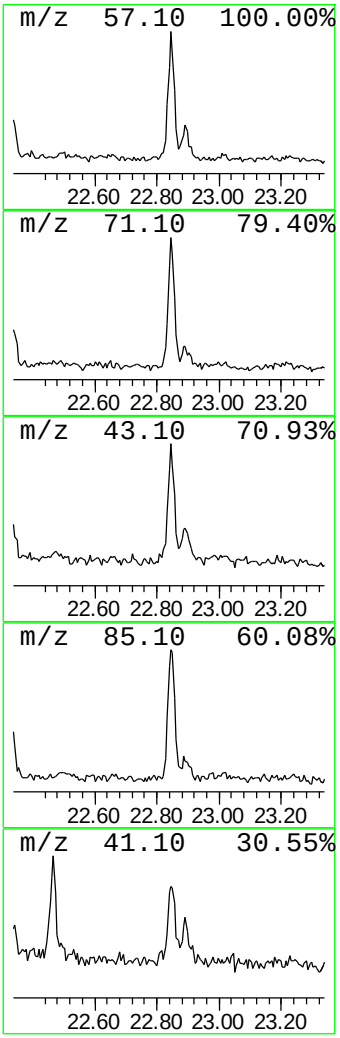
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.10 ng/ul	416234	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

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Acq On : 27 Nov 2017 17:51
Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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Quant Title : SVOA CALIBRATION

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

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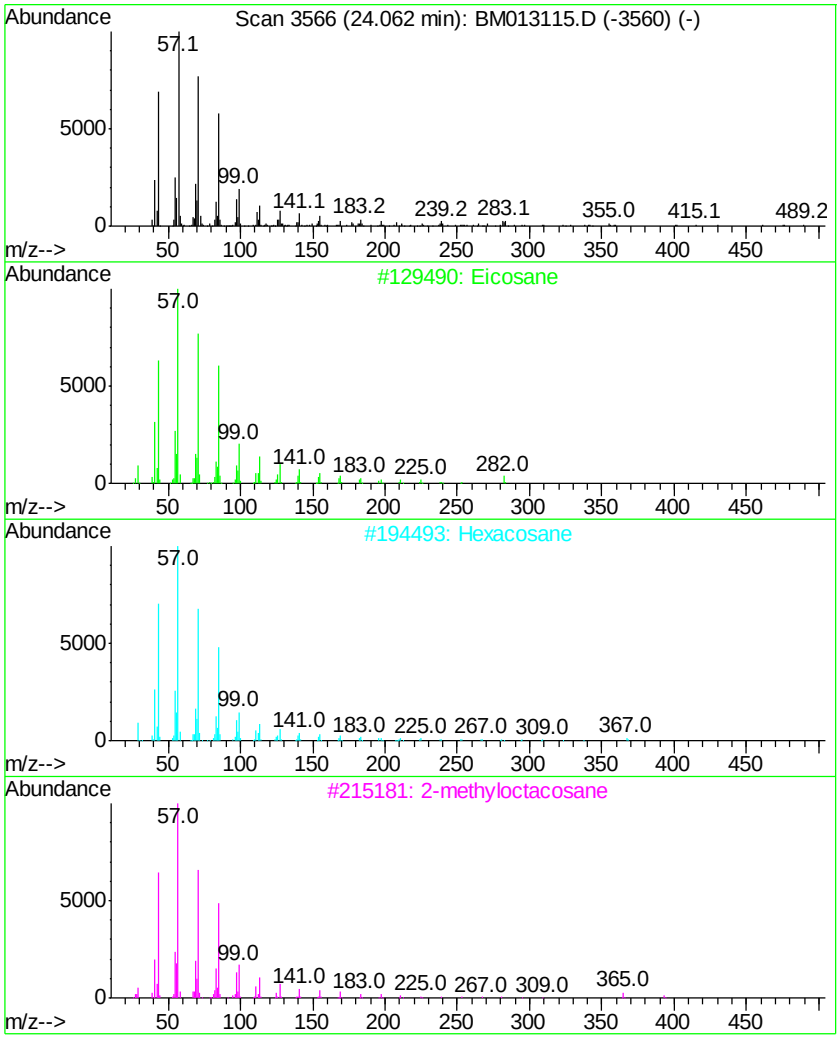
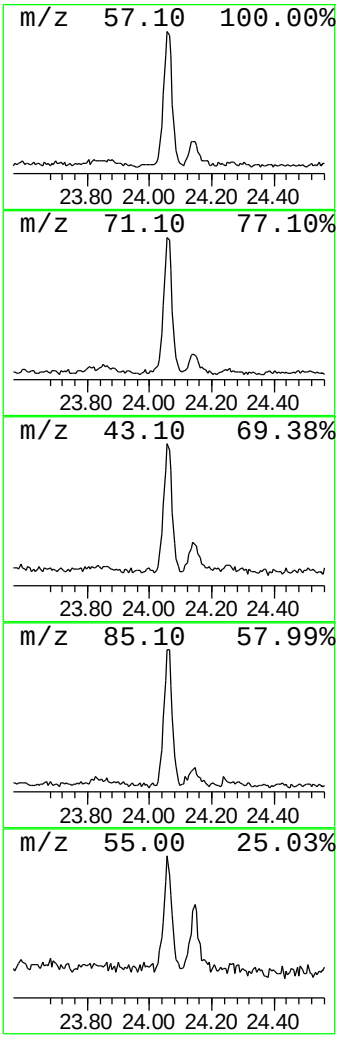
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.08 ng/ul	806736	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexadecane	226	C16H34	000544-76-3	87





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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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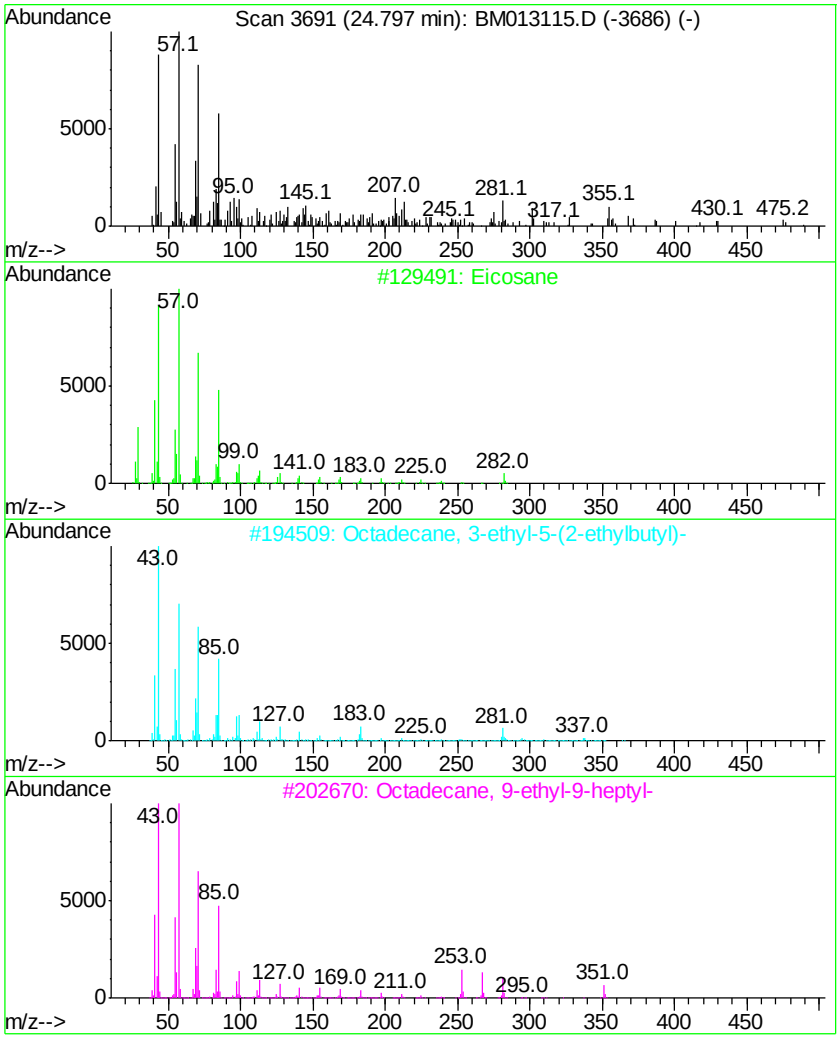
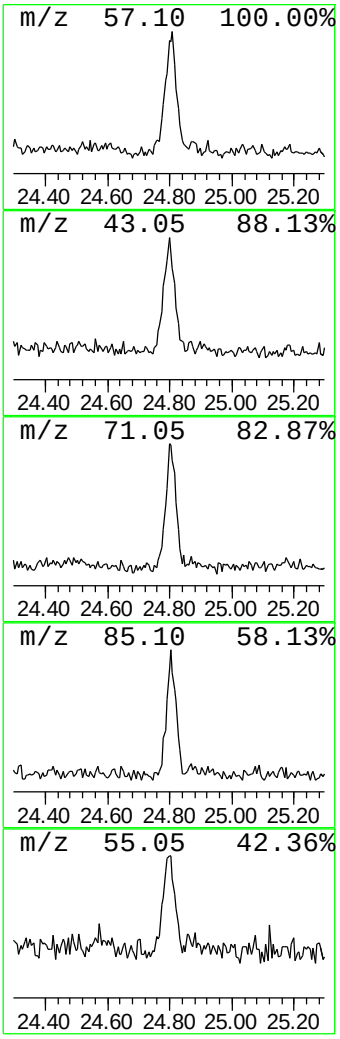
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	3.05 ng/ul	603567	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	72
3	Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Nonadecane	268	C19H40	000629-92-5	64





Tentatively Identified Compound (LSC) summary

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Data File : BM013115.D
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Operator : SJ/JU
Sample : I6496-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.55	2.3	ng/ul	170423	1	7.71	1456860	20.0
Formic acid hydra...	4.66	5.6	ng/ul	408876	1	7.71	1456860	20.0
Butanoic acid, 2-...	4.80	3.8	ng/ul	279639	1	7.71	1456860	20.0
Pentanoic acid	5.27	7.4	ng/ul	537918	1	7.71	1456860	20.0
Hexanoic acid	6.75	2.6	ng/ul	192906	1	7.71	1456860	20.0
Benzoic acid	9.77	2.5	ng/ul	274584	2	10.49	2152450	20.0
Hydrocinnamic acid	12.37	45.0	ng/ul	4846500	2	10.49	2152450	20.0
Benzeneacetaldehy...	16.44	12.6	ng/ul	2385240	4	17.09	3795340	20.0
Tetradecanoic acid	16.52	4.0	ng/ul	766237	4	17.09	3795340	20.0
n-Hexadecanoic acid	18.02	55.0	ng/ul	10437500	4	17.09	3795340	20.0
unknown-02	19.17	8.8	ng/ul	1661310	4	17.09	3795340	20.0
Octadecanoic acid	19.29	15.2	ng/ul	3434860	5	21.28	4532630	20.0
unknown-03	20.29	23.3	ng/ul	5287980	5	21.28	4532630	20.0
unknown-04	20.39	10.0	ng/ul	2258680	5	21.28	4532630	20.0
9H-Xanthen-9-one,...	20.63	37.2	ng/ul	8426990	5	21.28	4532630	20.0
Trichloroacetic a...	21.00	3.2	ng/ul	715306	5	21.28	4532630	20.0
(DEL) Alkane: Str...	22.84	2.1	ng/ul	416234	6	23.51	3957000	20.0
(DEL) Alkane: Str...	24.06	4.1	ng/ul	806736	6	23.51	3957000	20.0
(DEL) Alkane: Str...	24.80	3.0	ng/ul	603567	6	23.51	3957000	20.0