LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	3.105	17	20	29	rVB	21043	37507	0.62%	0.080%
2	4.163	196	200	205	rBV5	6902	12052	0.20%	0.026%
3	6.751	630	640	648	rBV3	63390	170633	2.81%	0.364%
4	6.898	659	665	683	rBV	273144	500186	8.23%	1.068%
5	7.081	689	696	707	rBV	329312	570752	9.39%	1.218%
6	7.540	767	774	782	rBV	282776	468898	7.72%	1.001%
7	7.604	782	785	796	rVB5	7530	21155	0.35%	0.045%
8	8.269	891	898	915	rBV	196181	421199	6.93%	0.899%
9	8.640	953	961	968	rBV	51500	93799	1.54%	0.200%
10	8.716	968	974	983	rBV	342068	603282	9.93%	1.288%
11	9.428	1088	1095	1111	rBV	291851	549045	9.03%	1.172%
12	9.728	1142	1146	1149	rBV4	4304	8566	0.14%	0.018%
13	9.969	1180	1187	1210	rBV	282358	776708	12.78%	1.658%
14	10.281	1229	1240	1241	rBV3	17651	35259	0.58%	0.075%
15	10.322	1241	1247	1255	rVB	368309	638067	10.50%	1.362%
16	11.669	1468	1476	1491	rBV2	44445	105613	1.74%	0.225%
17	11.939	1517	1522	1525	rBV4	5883	9069	0.15%	0.019%
18	13.169	1725	1731	1745	rBV3	83520	212509	3.50%	0.454%
19	13.627	1803	1809	1821	rBV	857272	1222965	20.12%	2.610%
20	13.898	1849	1855	1870	rBV	996360	1460153	24.03%	3.116%
21	14.127	1885	1894	1901	rBV4	22196	64927	1.07%	0.139%
22	14.204	1901	1907	1915	rVV2	546338	846007	13.92%	1.806%
23	14.286	1917	1921	1925	rVB2	10344	14674	0.24%	0.031%
24	14.551	1960	1966	1973	rBV6	17214	56319	0.93%	0.120%
25	14.639	1977	1981	1990	rVB5	27172	52223	0.86%	0.111%
26	14.892	2018	2024	2031	rBV	22143	37499	0.62%	0.080%
27	14.992	2037	2041	2045	rVB5	5112	9112	0.15%	0.019%
28	15.045	2045	2050	2051	rBV5	4762	7109	0.12%	0.015%
29	15.157	2065	2069	2072	rBV4	6503	9855	0.16%	0.021%
30	15.210	2072	2078	2090	rVB	1217186	1788261	29.42%	3.817%
31	15.380	2101	2107	2116	rBV	261428	473568	7.79%	1.011%
32	15.451	2116	2119	2128	rVB4	19965	34299	0.56%	0.073%
33	15.592	2139	2143	2152	rVB3	7174	13589	0.22%	0.029%
34	15.780	2170	2175	2180	rBV	124785	151756	2.50%	0.324%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
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Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	15.833	2180	2184	2196	rVB	249397	309105	5.09%	0.660%
36	15.992	2206	2211	2215	rVB5	6387	8987	0.15%	0.019%
37	16.374	2273	2276	2280	rBV5	4795	7119	0.12%	0.015%
38	16.563	2303	2308	2311	rBV4	4969	7030	0.12%	0.015%
39	16.698	2325	2331	2335	rBV4	17552	33246	0.55%	0.071%
40	16.780	2338	2345	2355	rVB	144200	253533	4.17%	0.541%
41	16.968	2371	2377	2386	rBV	632808	882838	14.53%	1.884%
42	17.068	2388	2394	2406	rBV	1326735	1948530	32.06%	4.159%
43	17.251	2420	2425	2430	rBV	1013615	1241034	20.42%	2.649%
44	17.304	2430	2434	2446	rVB	2175712	2453277	40.37%	5.236%
45	17.551	2472	2476	2480	rVB	10252	12191	0.20%	0.026%
46	17.627	2485	2489	2494	rVB	298515	362433	5.96%	0.774%
47	17.862	2524	2529	2539	rBV	133563	238497	3.92%	0.509%
48	18.115	2569	2572	2576	rBV5	7042	13098	0.22%	0.028%
49	18.204	2582	2587	2594	rVB2	46736	83011	1.37%	0.177%
50	18.574	2646	2650	2654	rBV	359171	422413	6.95%	0.902%
51	18.621	2654	2658	2663	rVB	771075	844576	13.90%	1.803%
52	19.021	2721	2726	2728	rBV2	18027	27367	0.45%	0.058%
53	19.151	2744	2748	2760	rBV	160575	294158	4.84%	0.628%
54	19.268	2766	2768	2771	rVB	11101	10310	0.17%	0.022%
55	19.380	2781	2787	2792	rBV2	1602142	2314796	38.09%	4.941%
56	19.433	2792	2796	2804	rVB2	183966	333886	5.49%	0.713%
57	19.715	2839	2844	2847	rBV	2785735	3009204	49.51%	6.423%
58	19.756	2847	2851	2855	rVB	5659797	6077398	100.00%	12.971%
59	20.450	2966	2969	2970	rBV	45727	47030	0.77%	0.100%
60	20.692	3006	3010	3013	rBV	1150485	1234664	20.32%	2.635%
61	20.727	3013	3016	3023	rVB	2309640	2353248	38.72%	5.023%
62	21.186	3089	3094	3104	rBV	848704	1130026	18.59%	2.412%
63	21.315	3113	3116	3119	rBV	93617	94831	1.56%	0.202%
64	21.562	3154	3158	3160	rBV	636183	697384	11.48%	1.488%
65	21.592	3160	3163	3167	rVB	1225032	1286395	21.17%	2.746%
66	21.733	3185	3187	3195	rVB2	98325	117628	1.94%	0.251%
67	22.156	3256	3259	3261	rBV	242643	264950	4.36%	0.565%
68	22.462	3307	3311	3314	rBV	522387	699503	11.51%	1.493%
69	22.497	3314	3317	3324	rVB	1018776	1293209	21.28%	2.760%
70	22.674	3343	3347	3353	rVB	254645	352815	5.81%	0.753%
71	23.244	3436	3444	3457	rVB2	1429206	3081356	50.70%	6.577%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

72	23.386	3463	3468	3480	rVB	624467	1176430	19.36%	2.511%
73	23.839	3542	3545	3552	rVB	238643	359036	5.91%	0.766%

Sum of corrected areas: 46853157

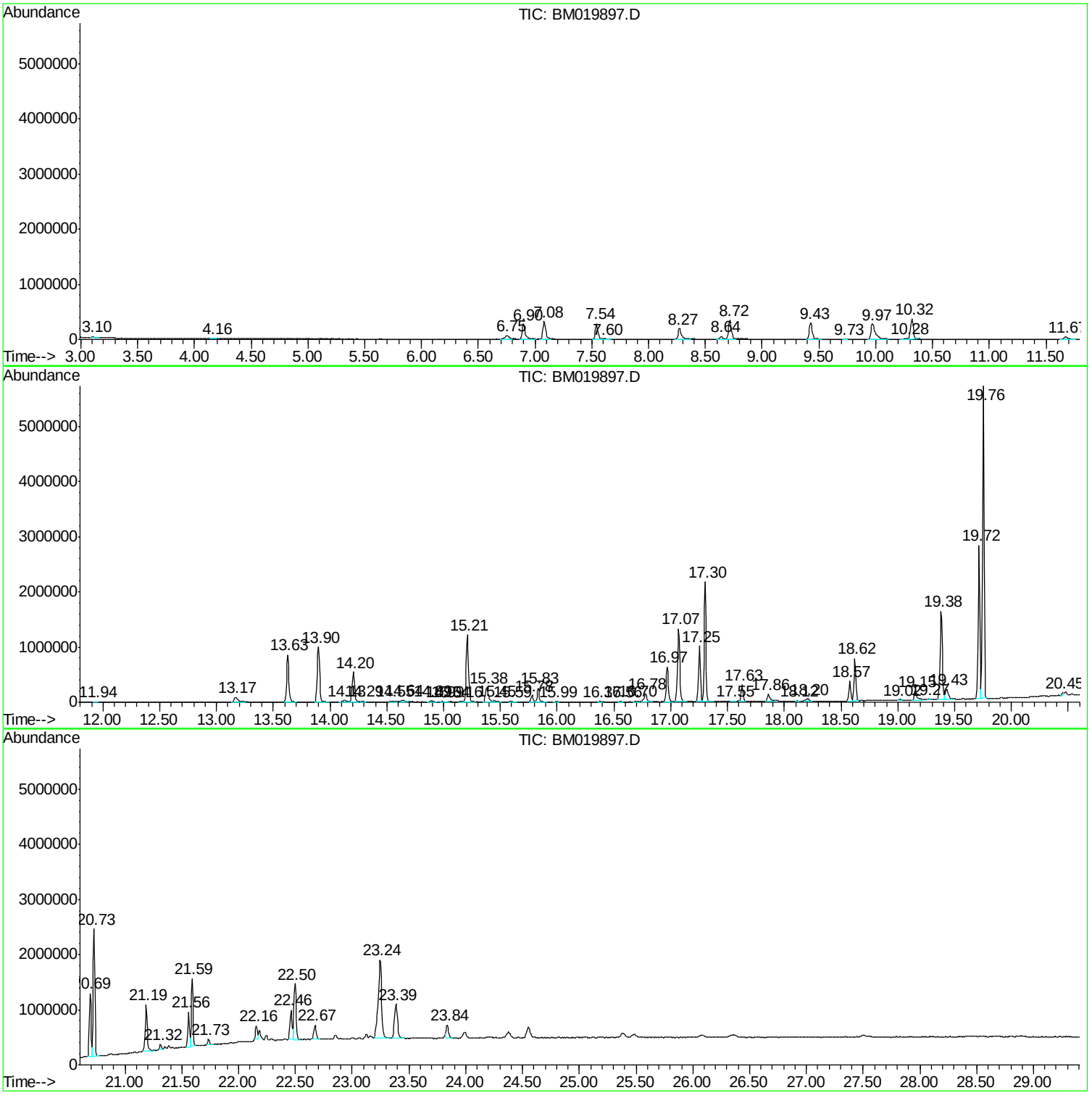
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

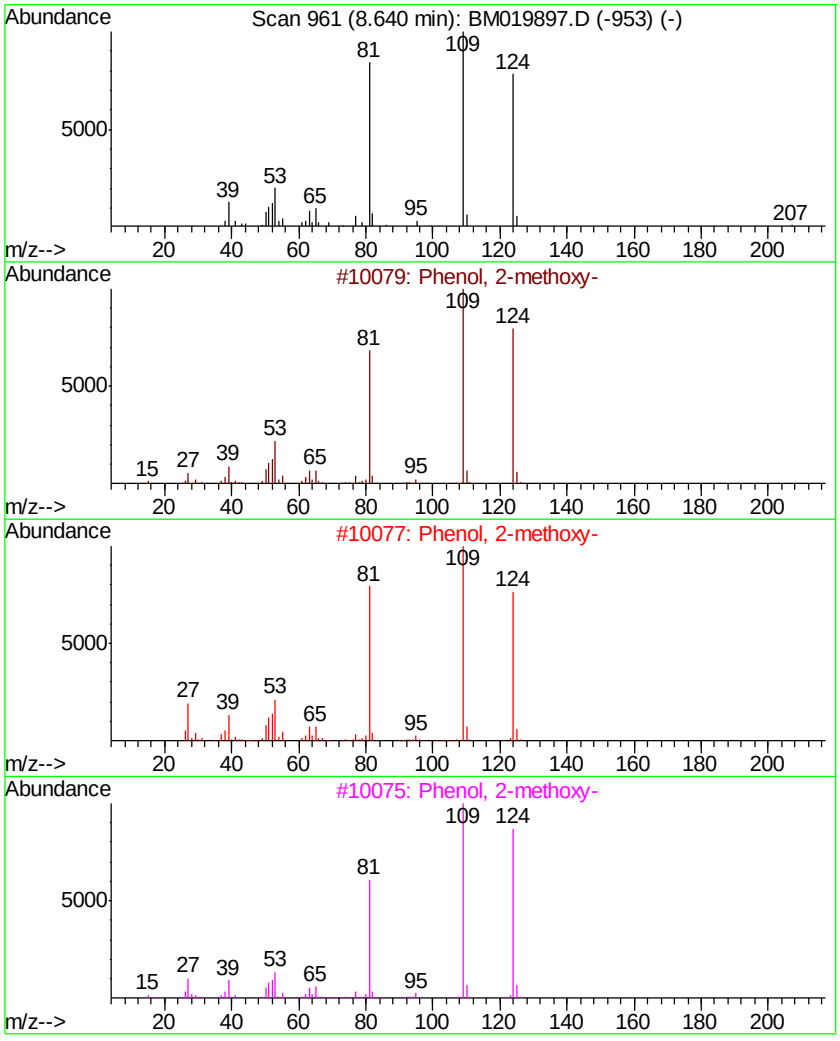
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

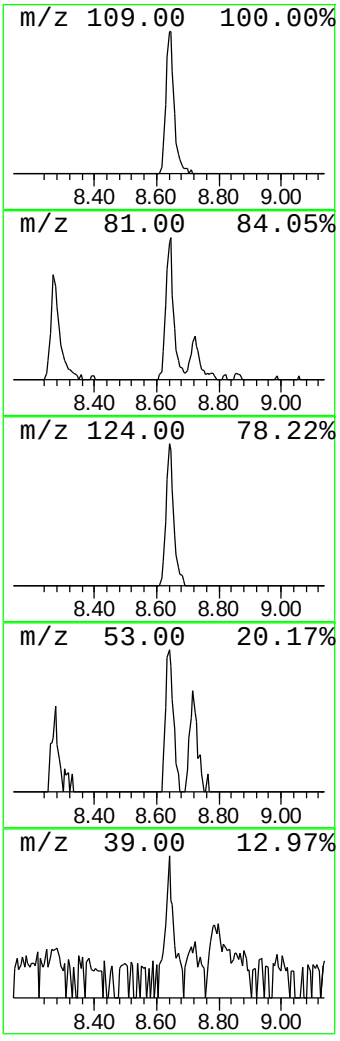
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	4.00 ng/ul	93799	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Mequinol	124	C7H8O2	000150-76-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

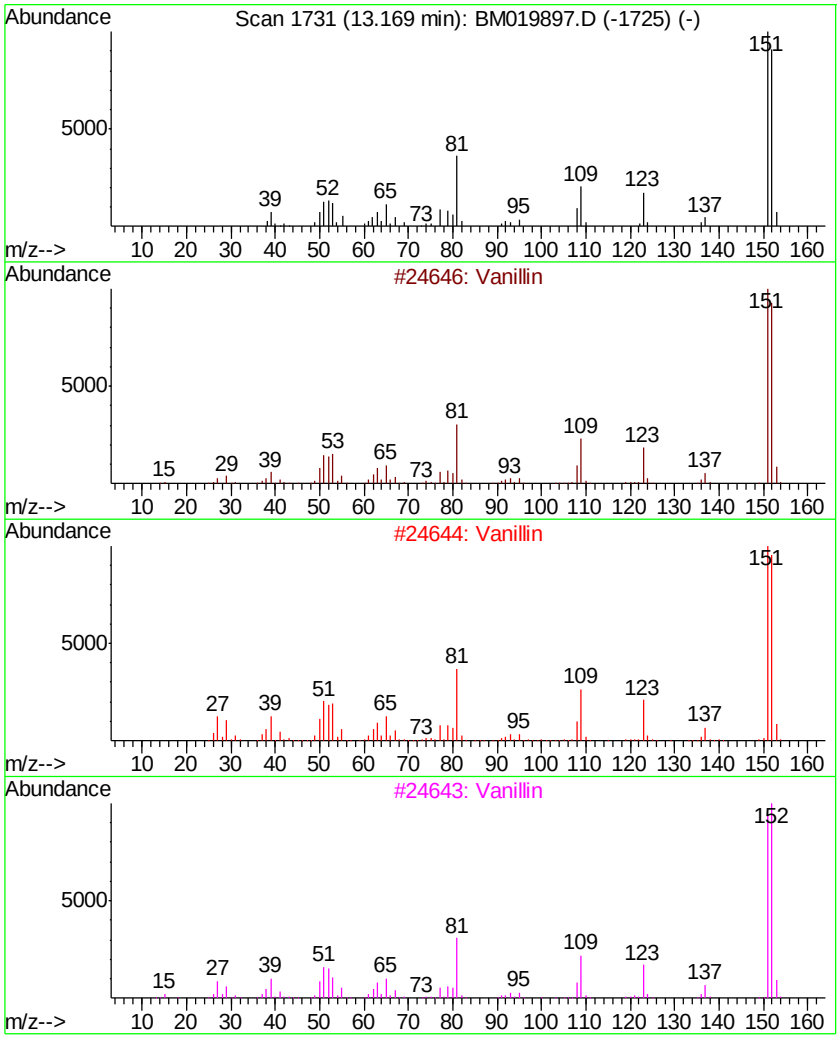
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

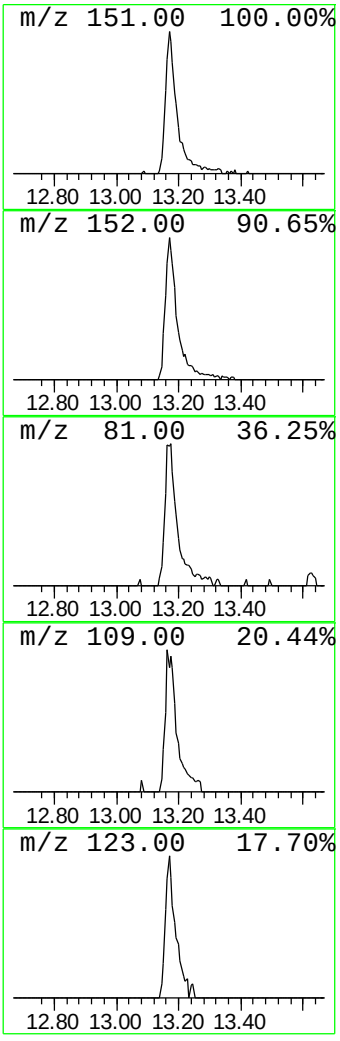
****

Peak Number 2 Vanillin Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	5.02 ng/ul	212509	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Vanillin	152	C8H8O3	000121-33-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

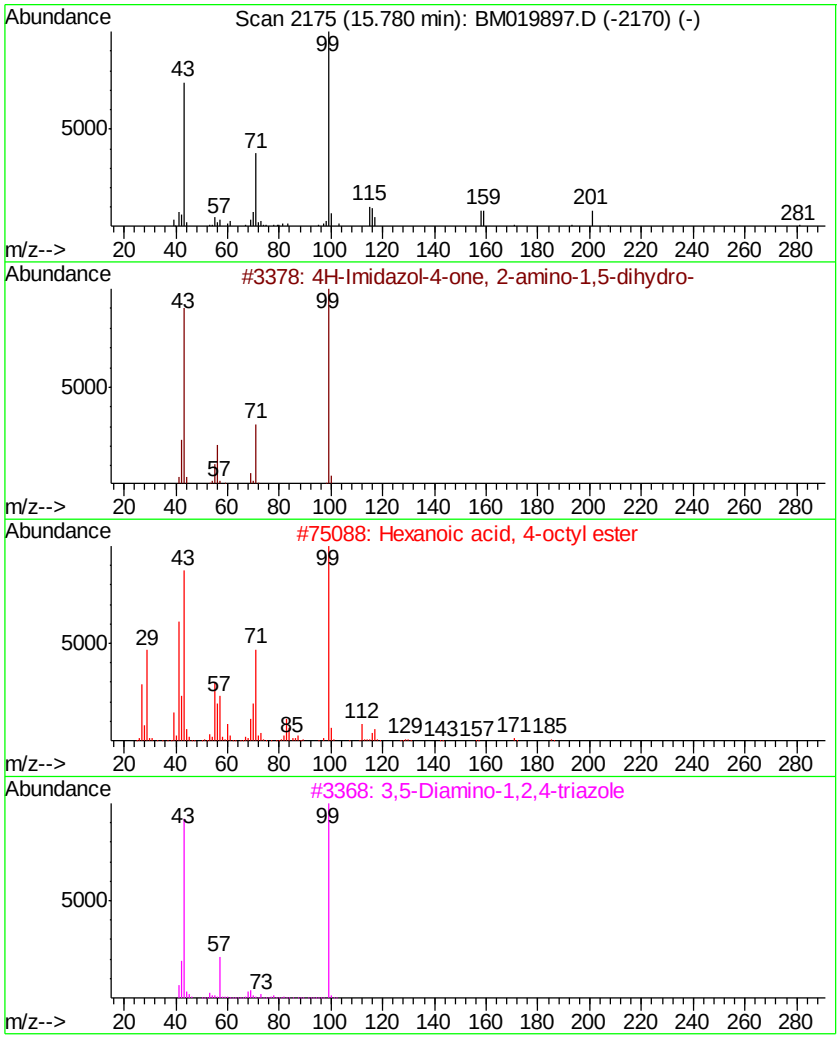
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

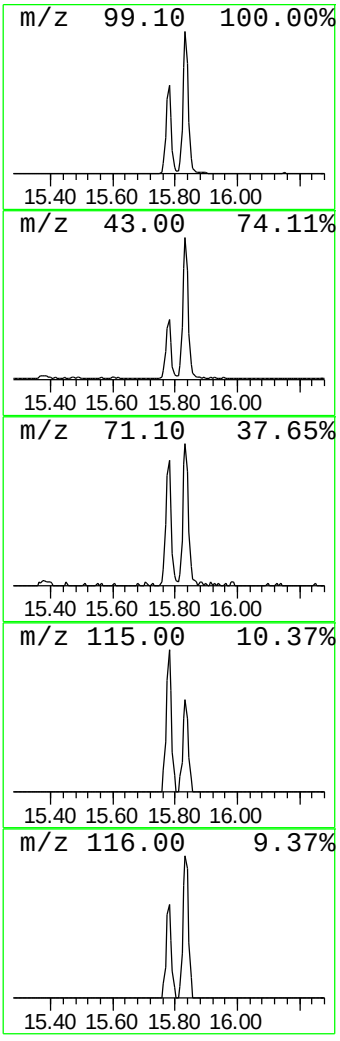
****

Peak Number 3 4H-Imidazol-4-one, 2-amino-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	3.44 ng/ul	151756	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
2	Hexanoic acid, 4-octyl ester	228	C14H28O2	1000160-13-3	50
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	000503-88-8	47
4	Hexanethioic acid, S-heptyl ester	230	C13H26OS	002432-80-6	47
5	Thiazole, 5-methyl-	99	C4H5NS	003581-89-3	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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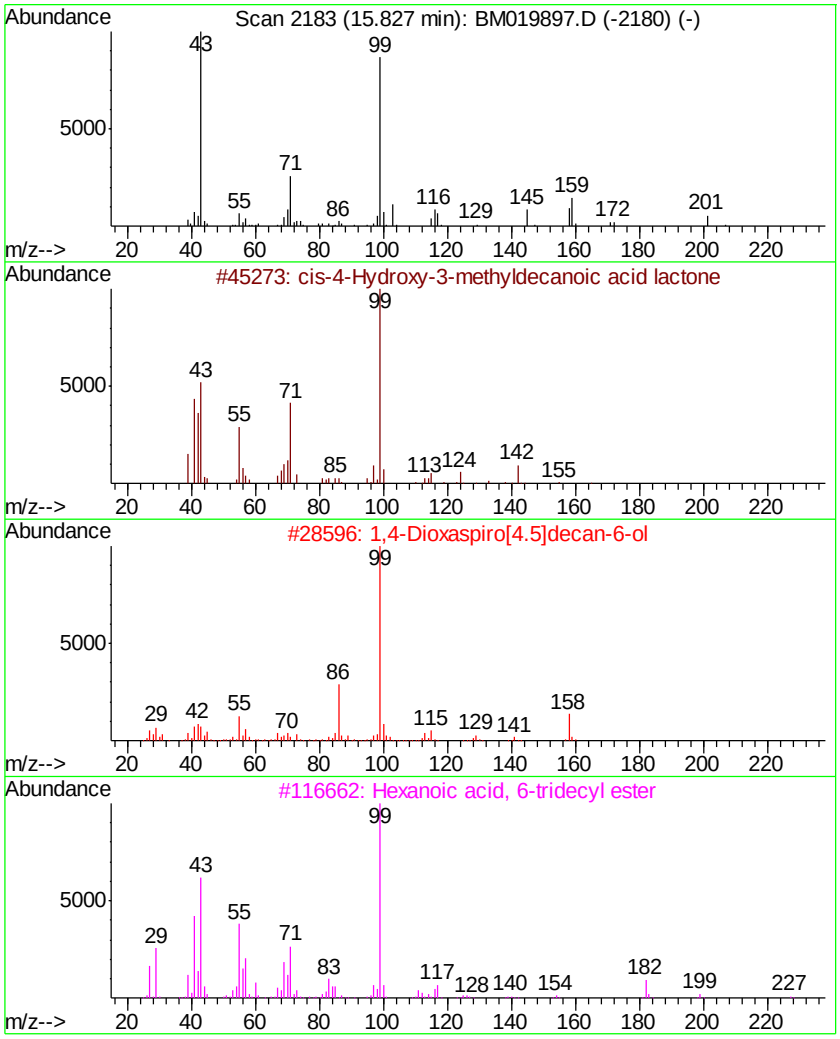
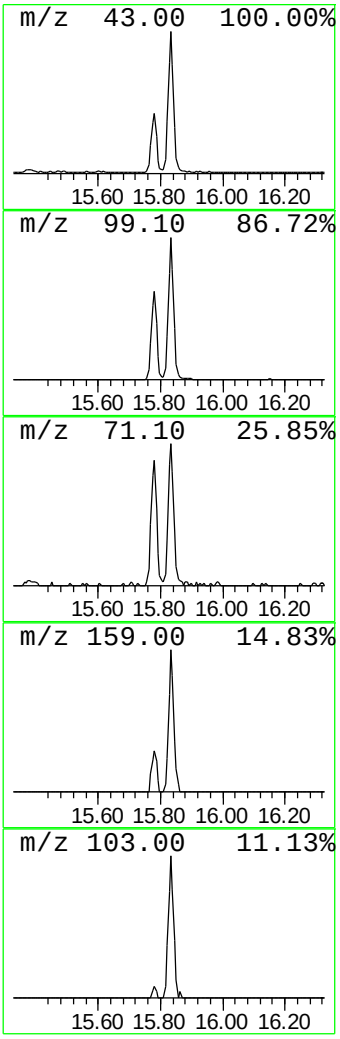
Peak Number 4 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	7.00 ng/ul	309105	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	47
2	1,4-Dioxaspiro[4.5]decan-6-ol	158	C8H14O3	078881-14-8	43
3	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	42
4	Hexanoic acid, 2-tridecyl ester	298	C19H38O2	055193-20-9	40
5	Pentanoic acid, 2-methyl-, anhyd...	214	C12H22O3	063169-61-9	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

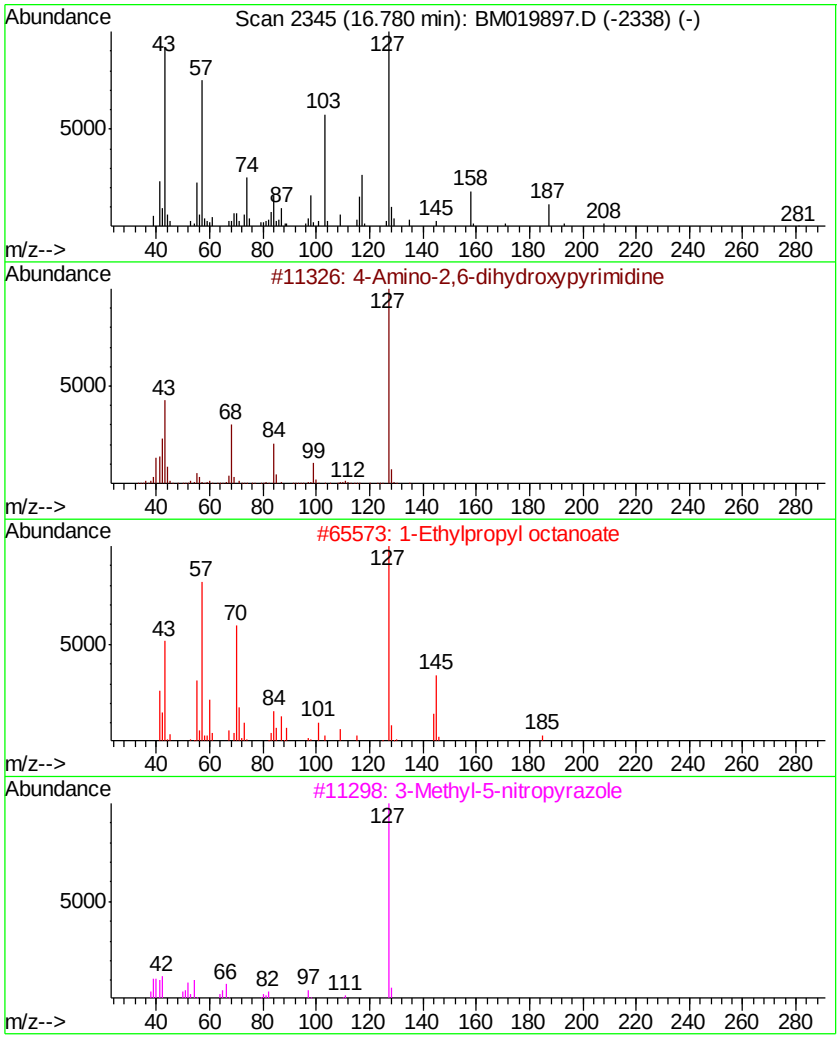
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

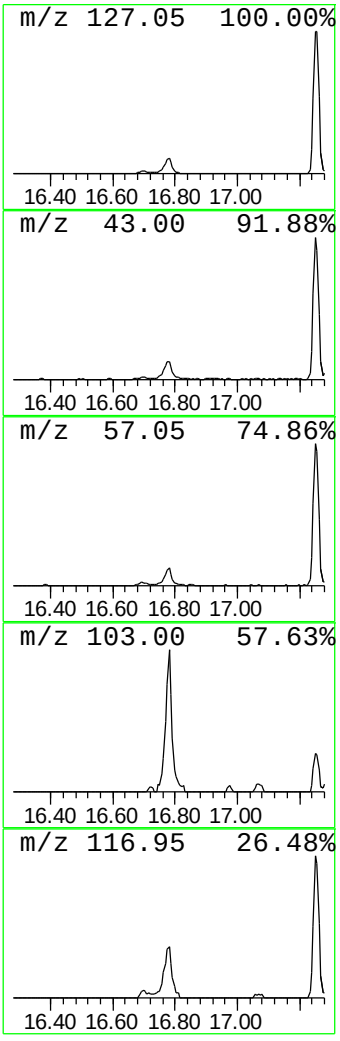
****

Peak Number 5 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	5.74 ng/ul	253533	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	35
2	1-Ethylpropyl octanoate	214	C13H26O2	005457-67-0	32
3	3-Methyl-5-nitropyrazole	127	C4H5N3O2	034334-96-8	27
4	Pyrazole, 1-methyl-4-nitro-	127	C4H5N3O2	003994-50-1	27
5	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	25





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Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

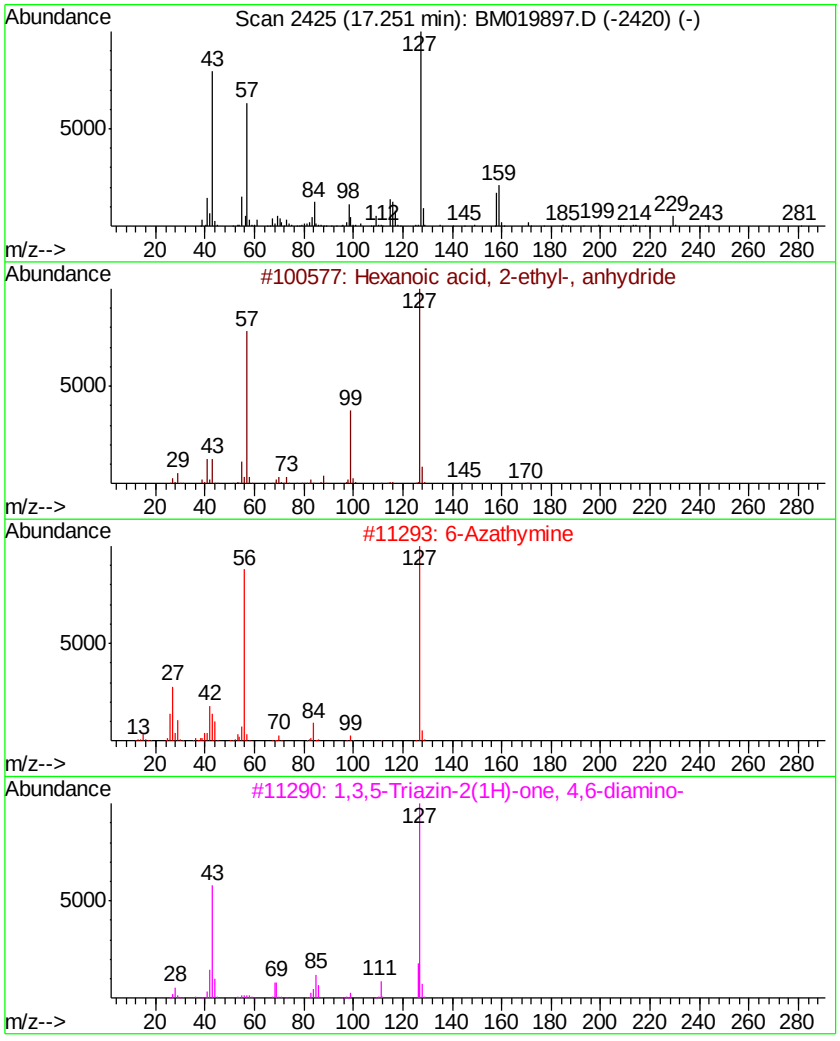
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

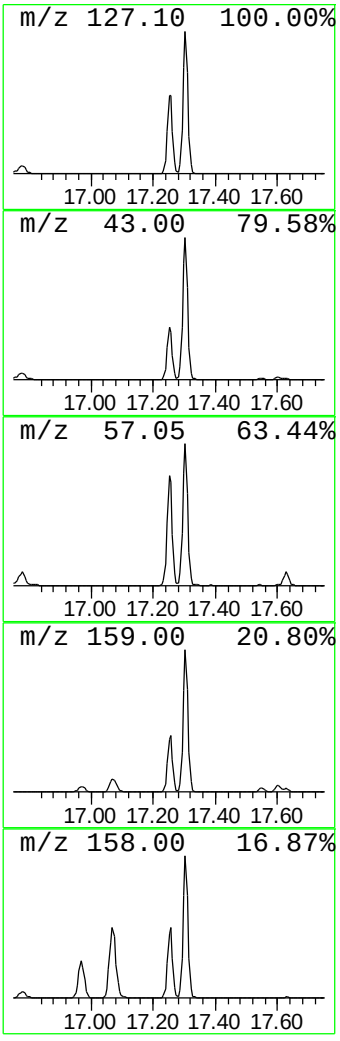
****

Peak Number 6 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	28.11 ng/ul	1241030	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	43
2	6-Azathymine	127	C4H5N3O2	000932-53-6	43
3	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	43
4	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	38
5	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
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Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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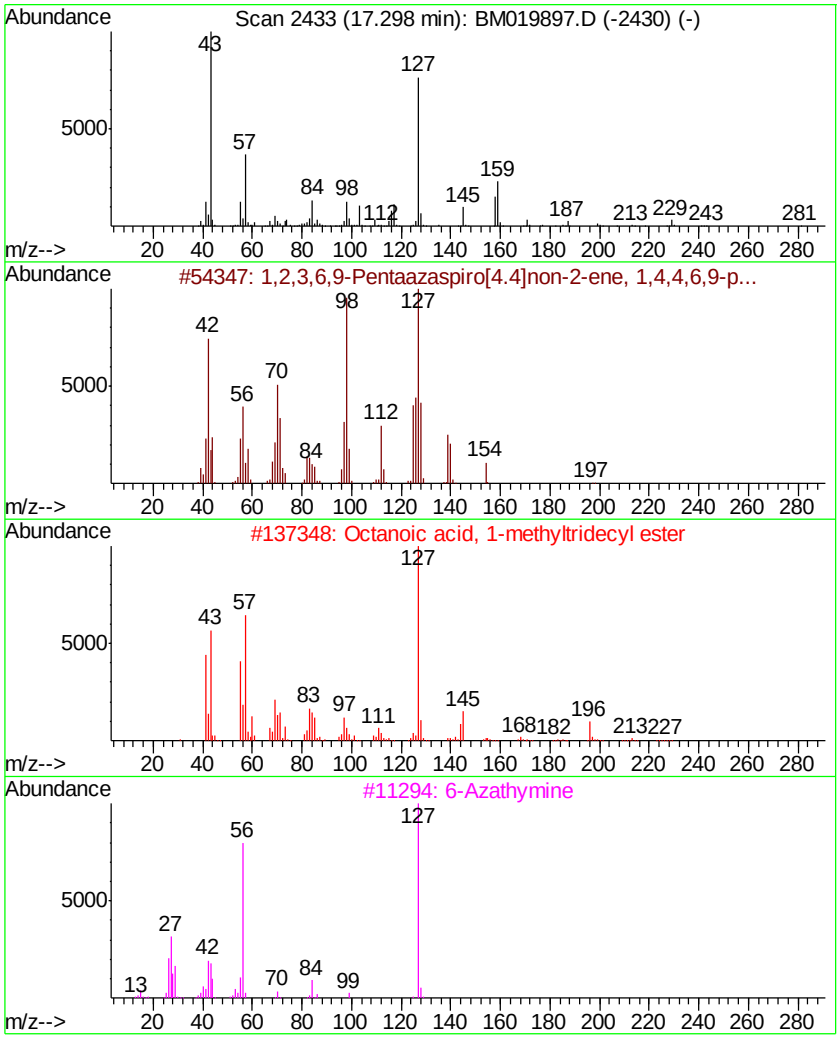
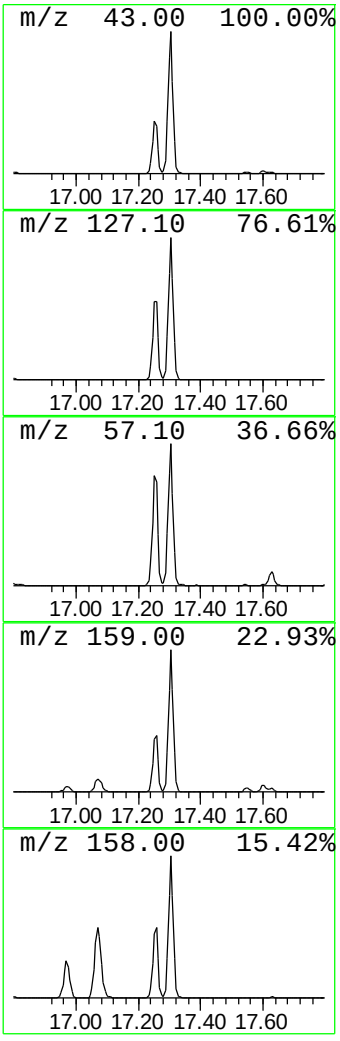
Peak Number 7 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	55.58 ng/ul	2453280	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,6,9-Pentaazaspiro[4.4]non-...	197	C9H19N5	1000221-38-7	43
2	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	38
3	6-Azathymine	127	C4H5N3O2	000932-53-6	38
4	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	1000273-50-7	37
5	Octanoic acid, cyclobutyl ester	198	C12H22O2	1000282-86-6	37





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Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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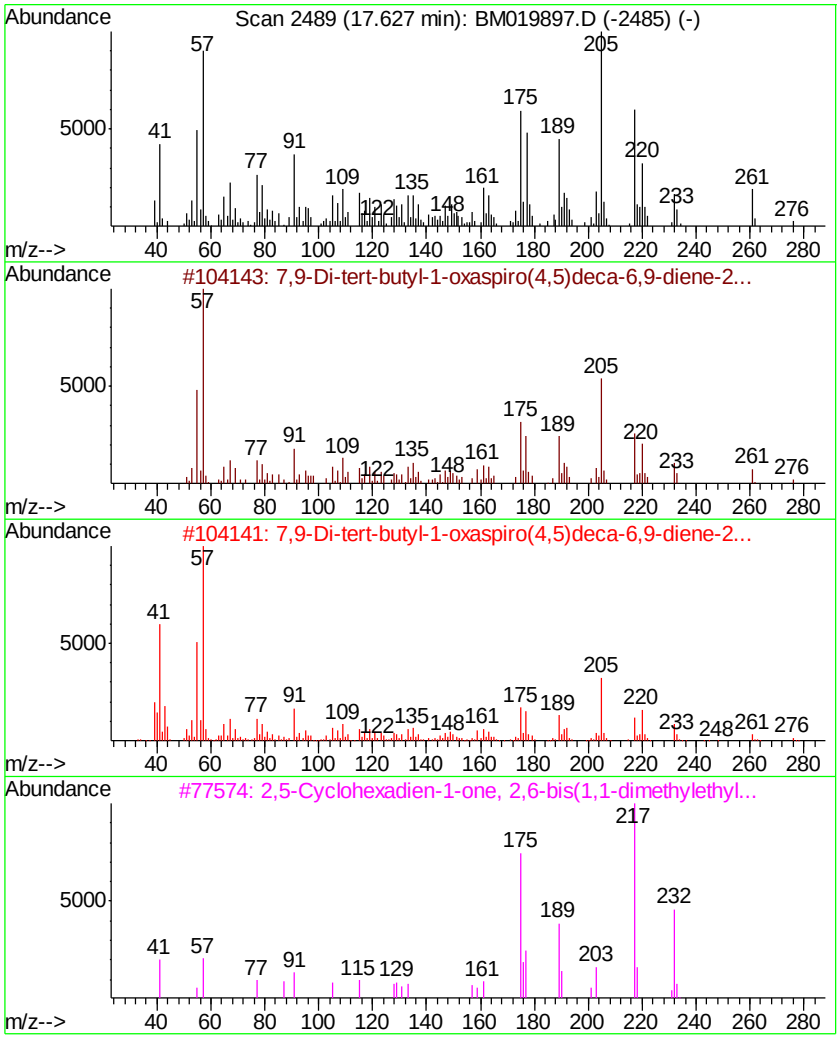
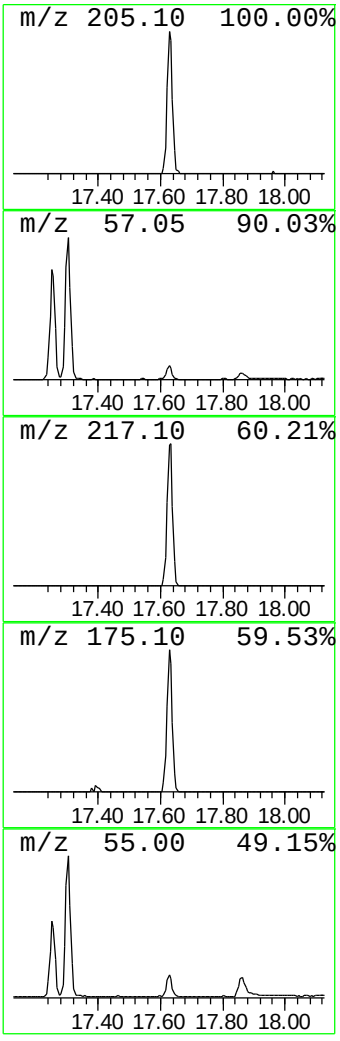
Peak Number 8 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	8.21 ng/ul	362433	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	93
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	66





Library Search Compound Report

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Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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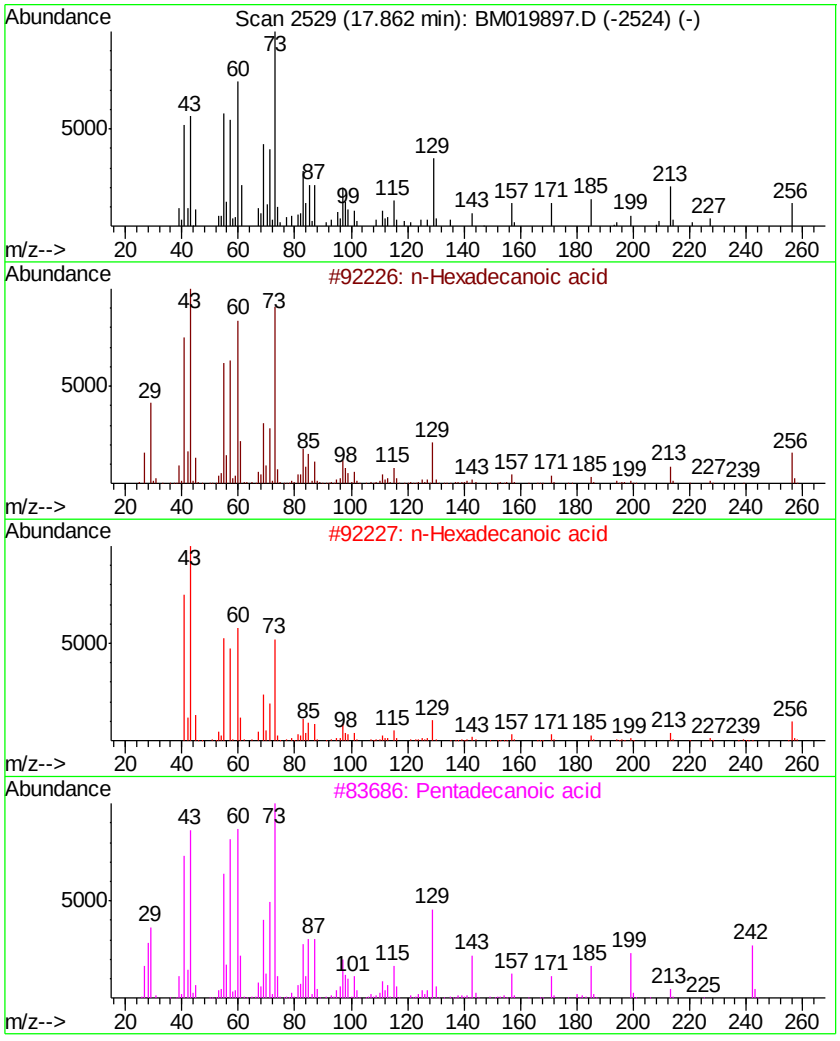
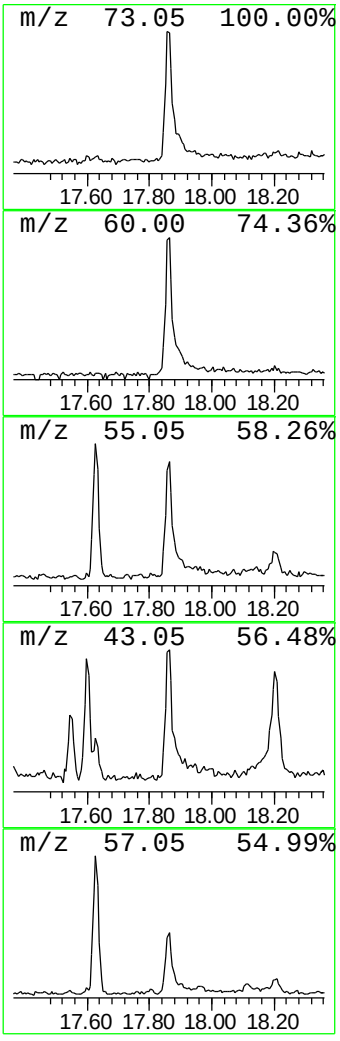
Peak Number 9 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	5.40 ng/ul	238497	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Library Search Compound Report

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Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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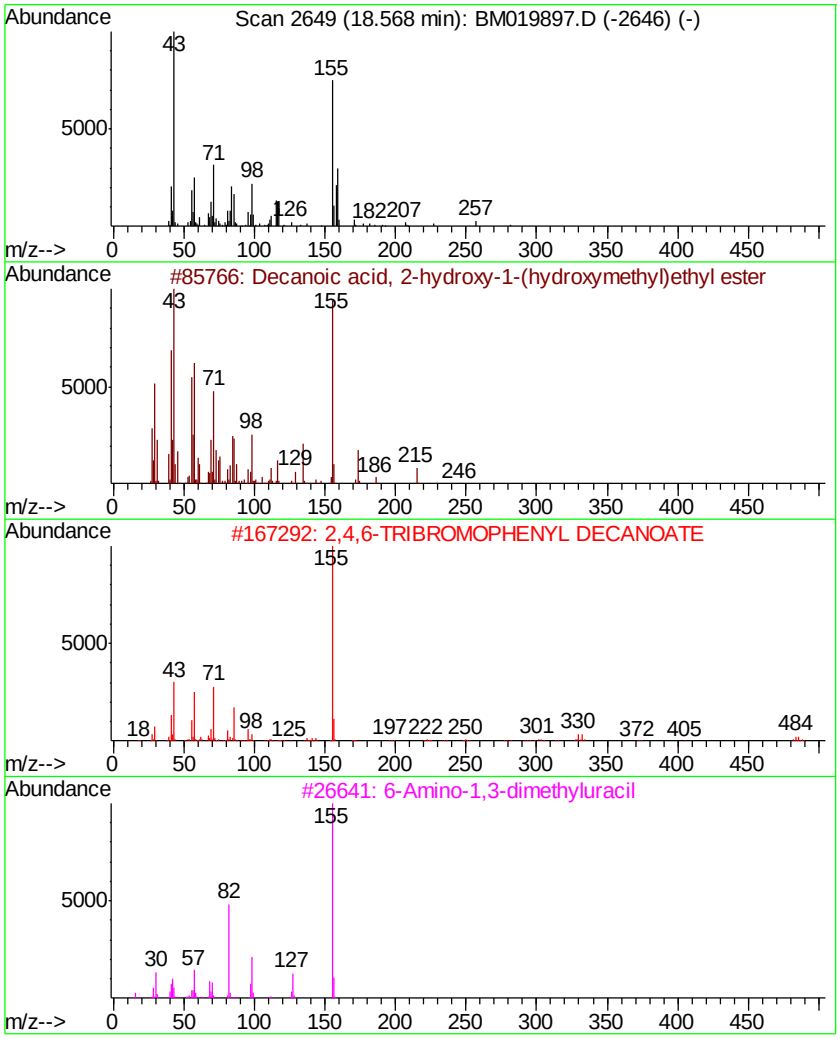
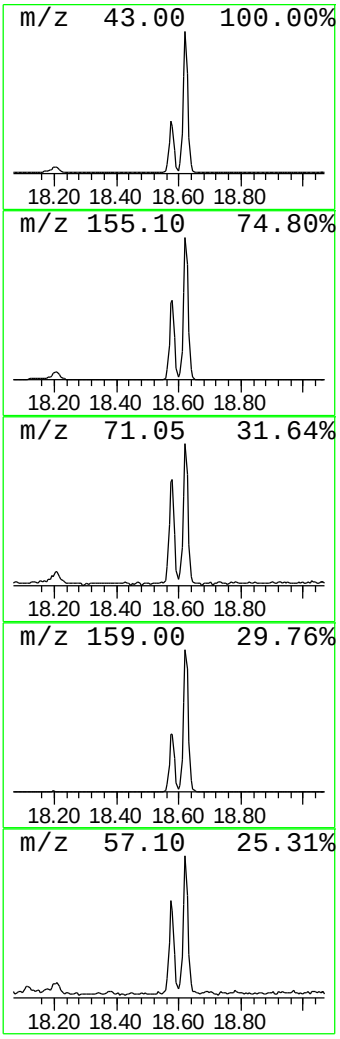
Peak Number 10 Decanoic acid, 2-hydroxy-1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	9.57 ng/ul	422413	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	50
2	2,4,6-TRIBROMOPHENYL DECANOATE	482	C16H21Br3O2	1000233-09-1	38
3	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	27
4	Decanoic anhydride	326	C20H38O3	002082-76-0	25
5	4,4-Dimethyl-5-methylene-2-ethyl...	170	C8H14N2S	037120-26-6	17





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Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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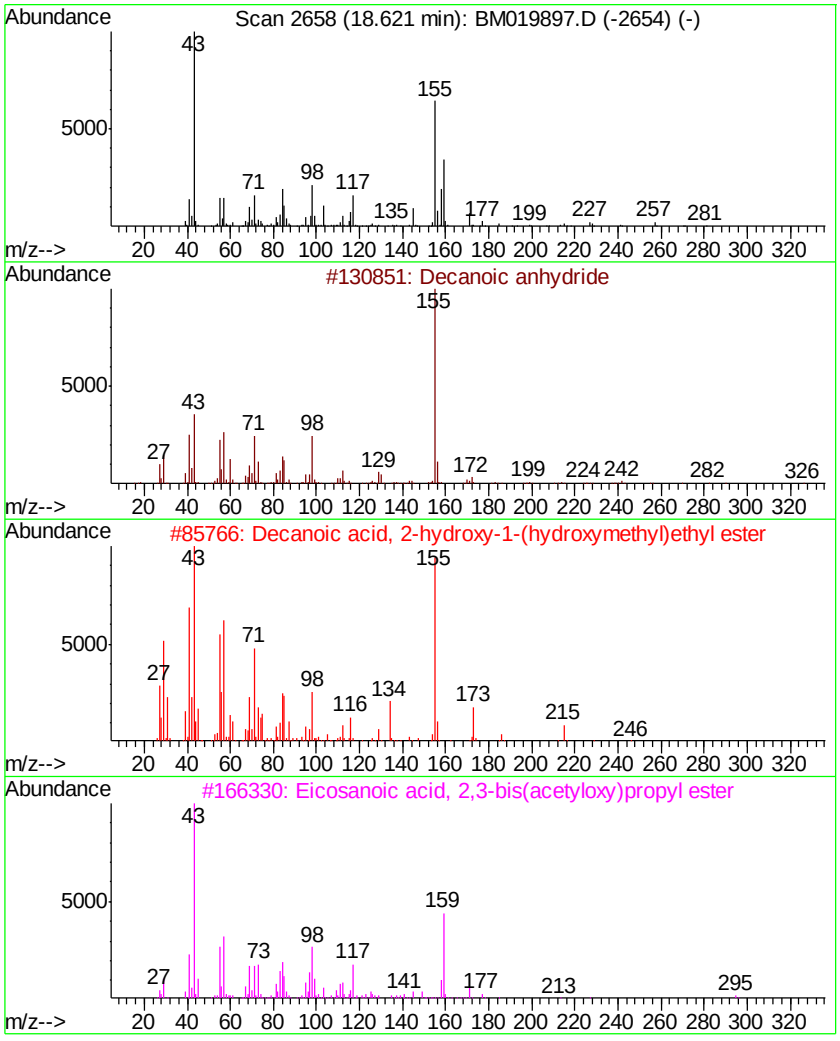
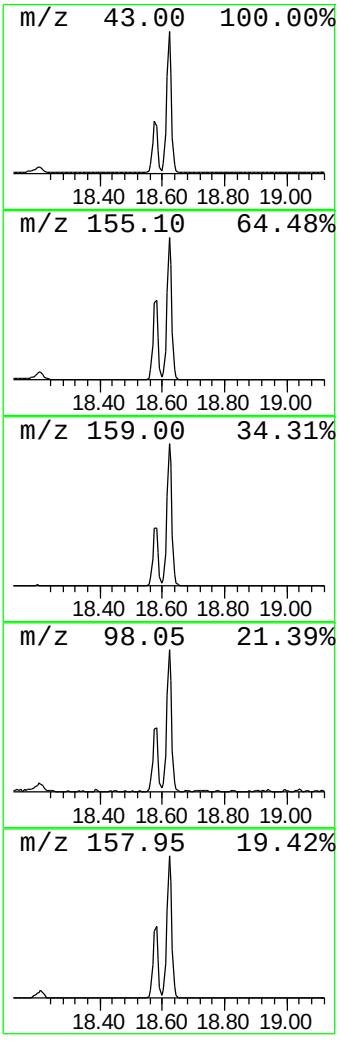
Peak Number 11 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	19.13 ng/ul	844576	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	37
2	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	17
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	17
4	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	14
5	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	12





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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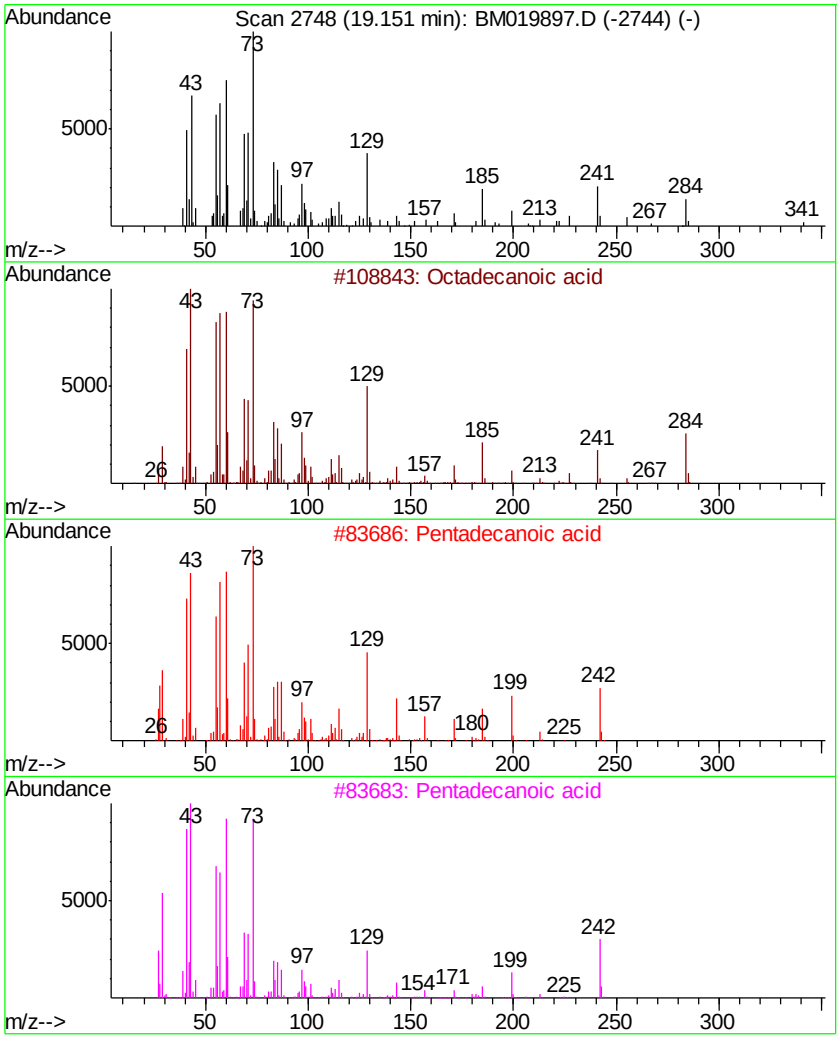
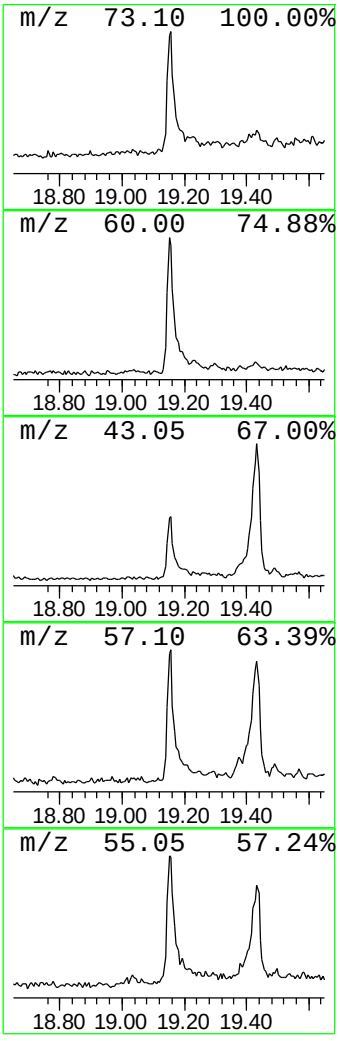
Peak Number 12 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	5.21 ng/ul	294158	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	55





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Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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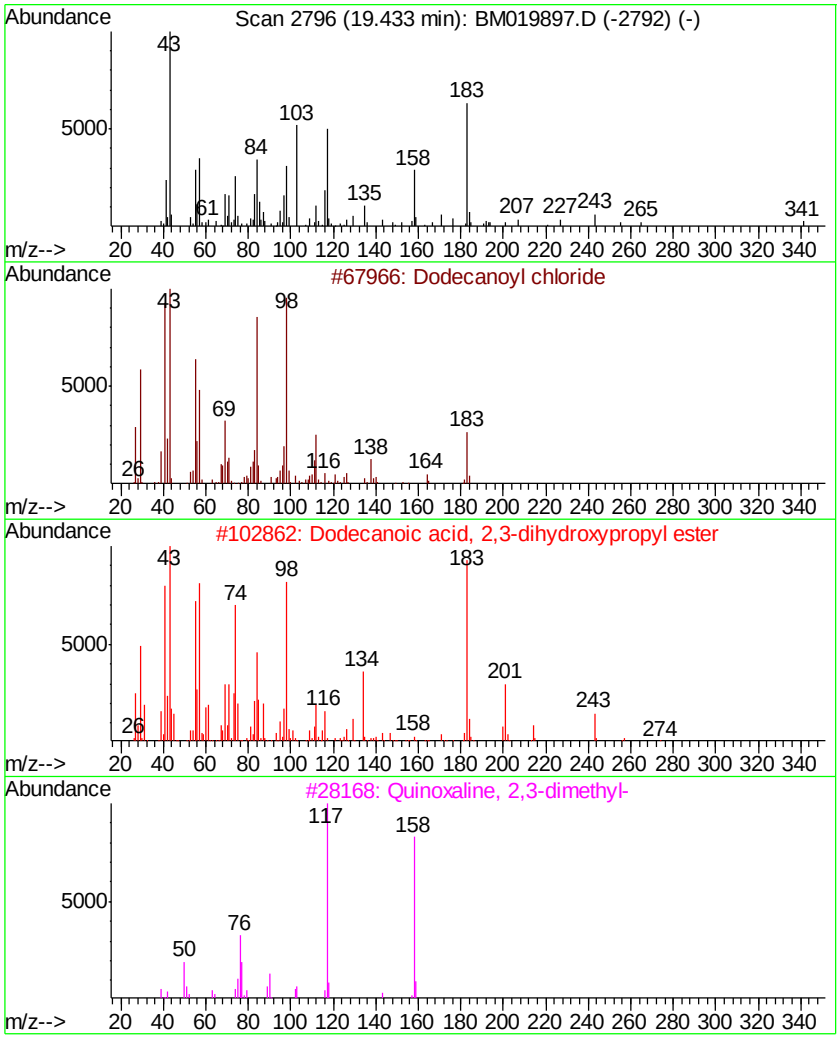
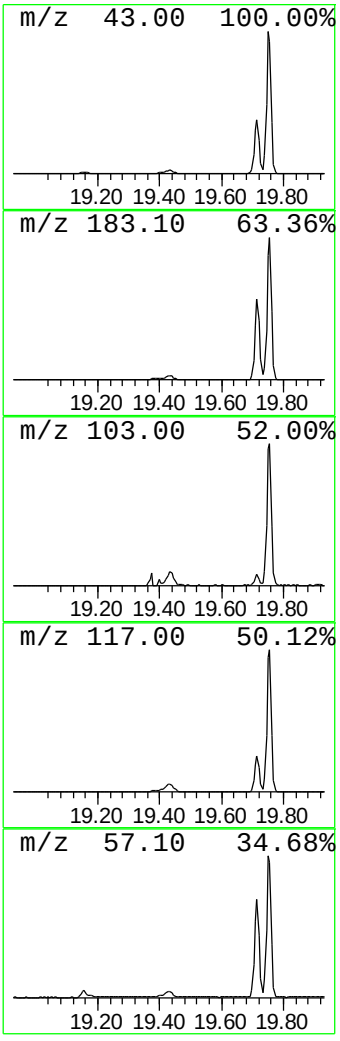
Peak Number 13 unknown-06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	5.91 ng/ul	333886	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	17
2	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	14
3	Quinoxaline, 2,3-dimethyl-	158	C10H10N2	002379-55-7	14
4	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	10
5	Hexanoic acid, hexyl ester	200	C12H24O2	006378-65-0	10





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Sample : K2149-08
Misc :
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Instrument : BNA_M
ClientSampleId : BF5F0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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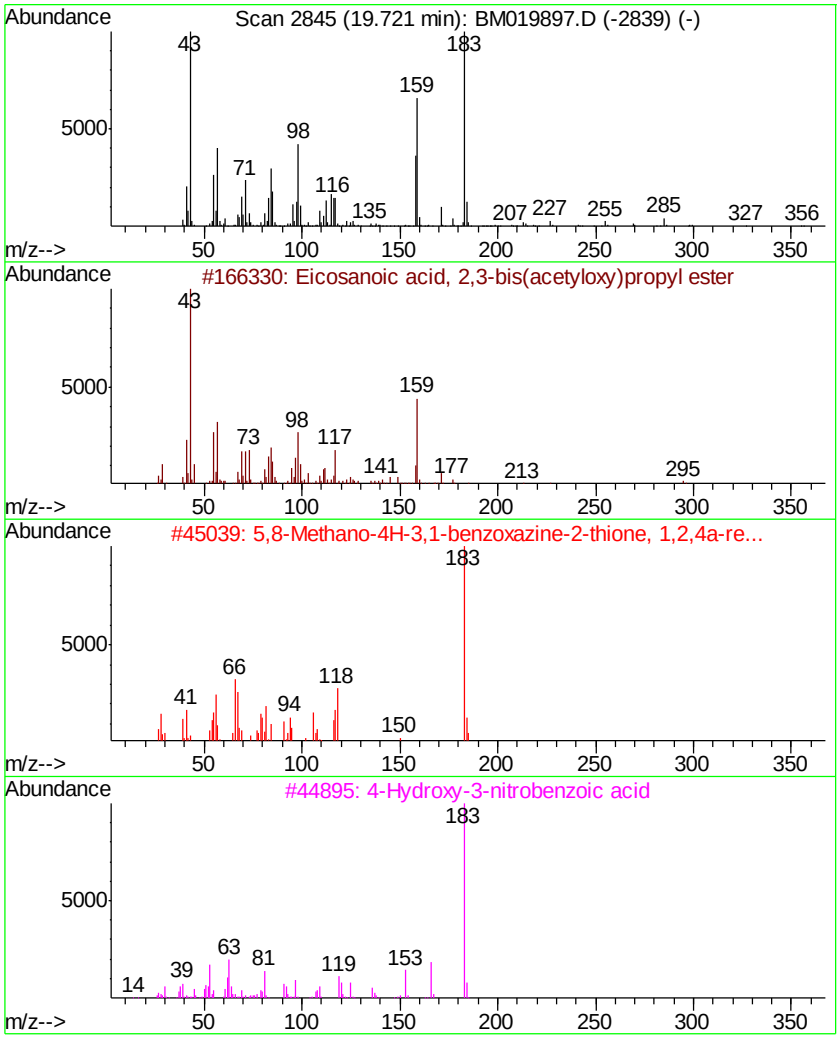
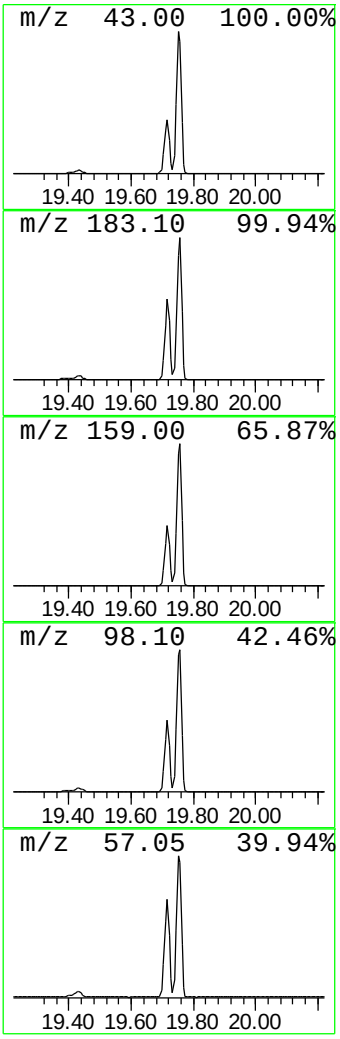
Peak Number 14 unknown-07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	53.26 ng/ul	3009200	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	32
2	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	27
3	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	22
4	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	22
5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	22





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Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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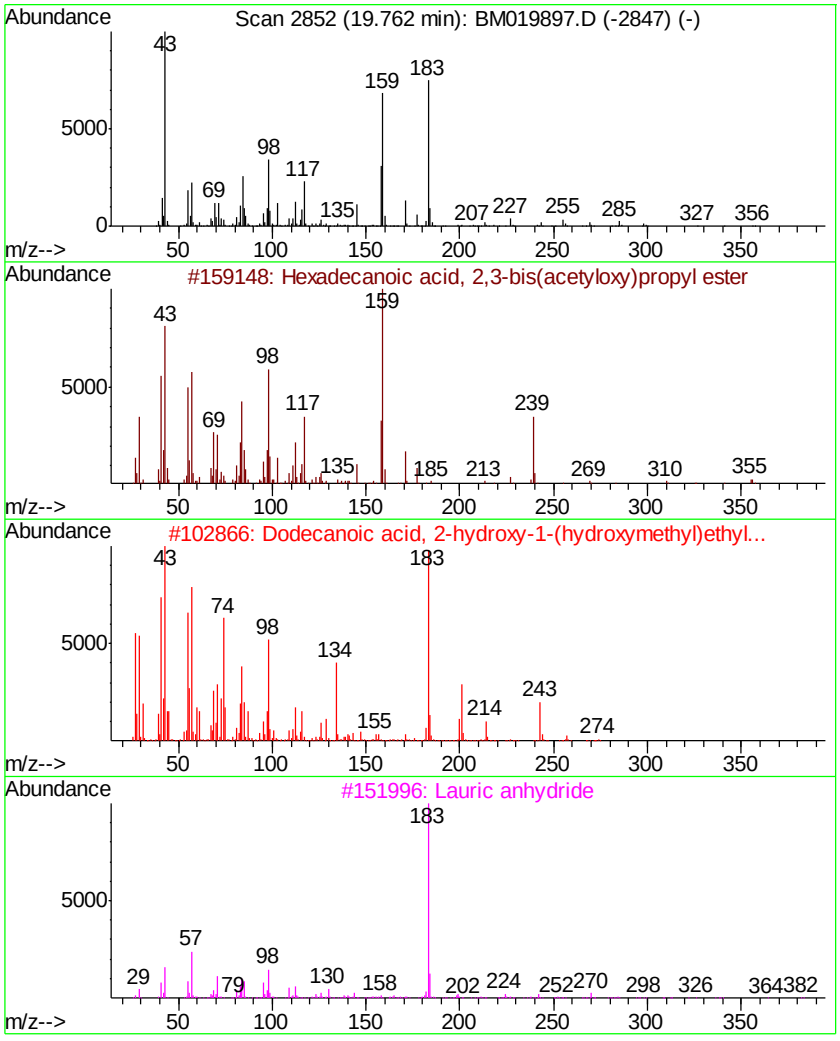
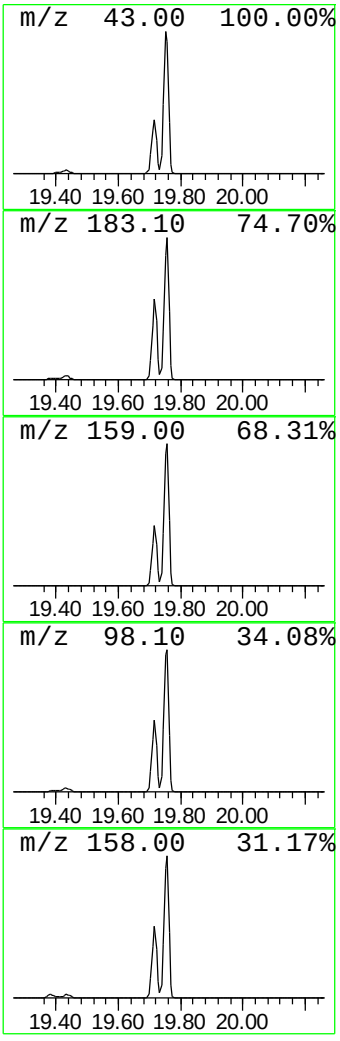
Peak Number 15 unknown-08 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	107.56 ng/ul	6077400	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetyoxy)propyl ester	414	C23H42O6	055268-70-7	38
2	Dodecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester	274	C15H30O4	001678-45-1	35
3	Lauric anhydride	382	C24H46O3	000645-66-9	32
4	2,3,4-Trifluorobenzoic acid, 6-ethoxy-, 2-(diethylamino)ethyl ester	316	C17H23F3O2	1000282-58-3	14
5	1,2-Dicarbadodecaborane(12), 1-hexyl-	230	C8H24B10	020740-05-0	11





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Instrument : BNA_M
ClientSampleId : BF5F0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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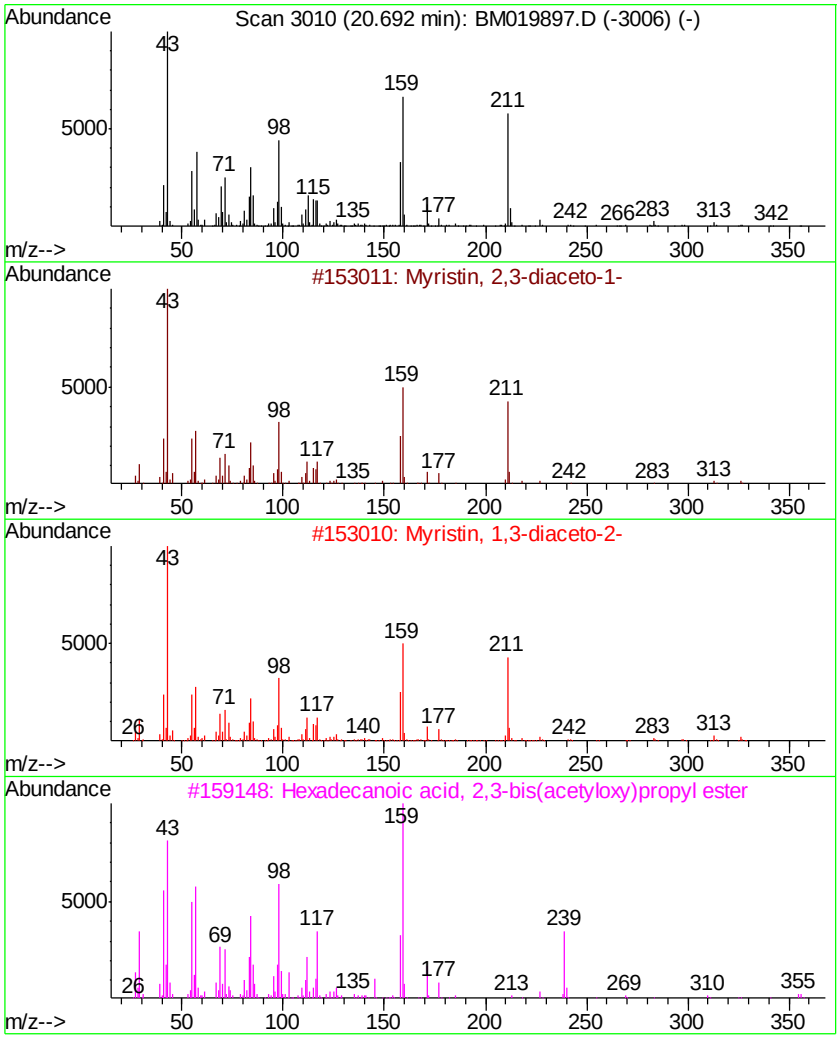
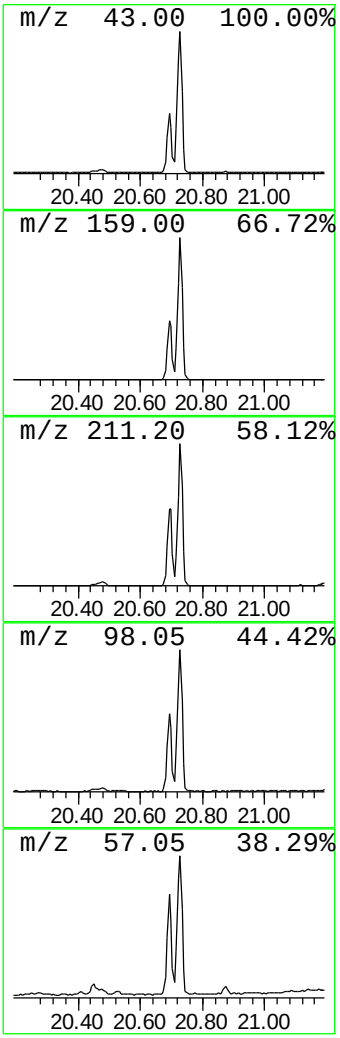
Peak Number 16 Myristin, 2,3-diaceto-1- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	21.85 ng/ul	1234660	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	91
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	62
4	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	47
5	6,7-Dihydro-2-dimethylamino-8-me...	211	C8H13N5O2	079845-30-0	30





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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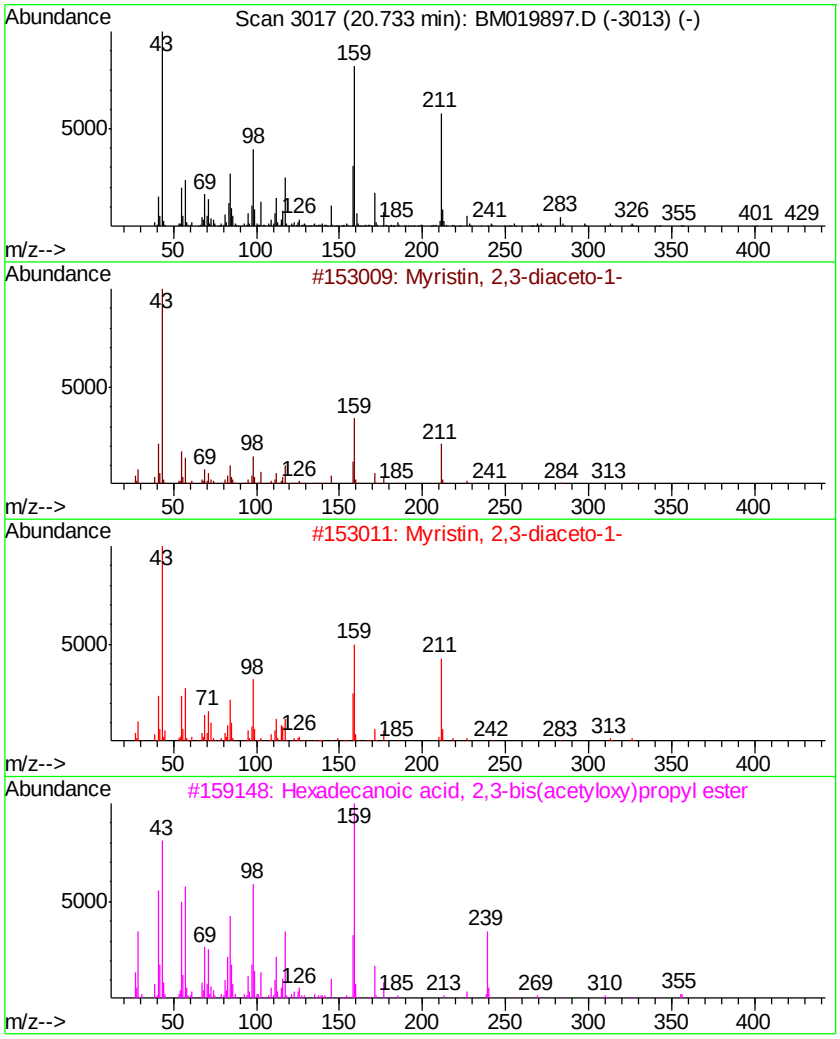
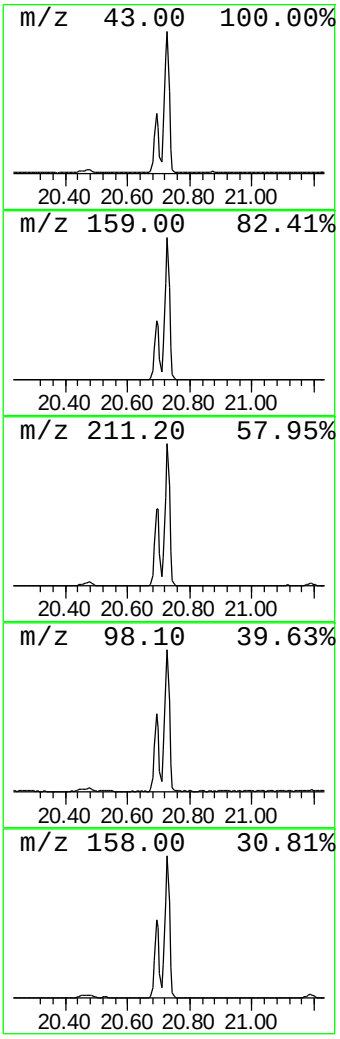
Peak Number 17 Myristin, 1,3-diaceto-2- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	41.65 ng/ul	2353250	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	76
4	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	37
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14





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Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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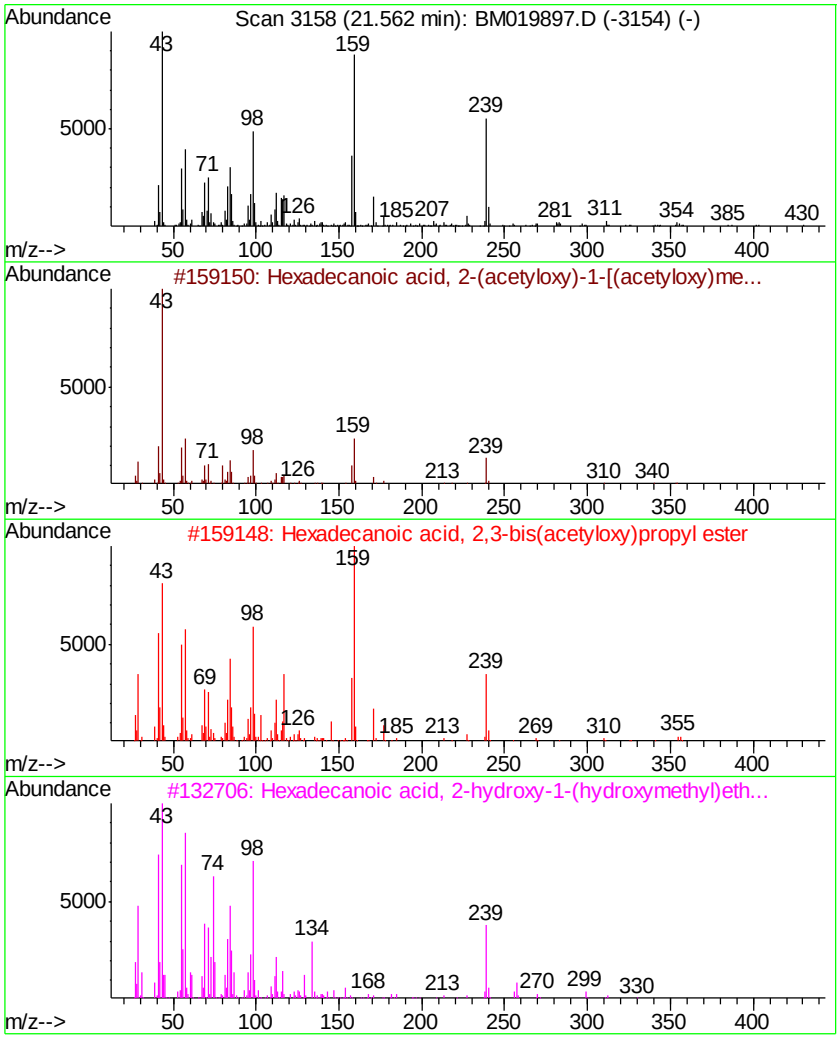
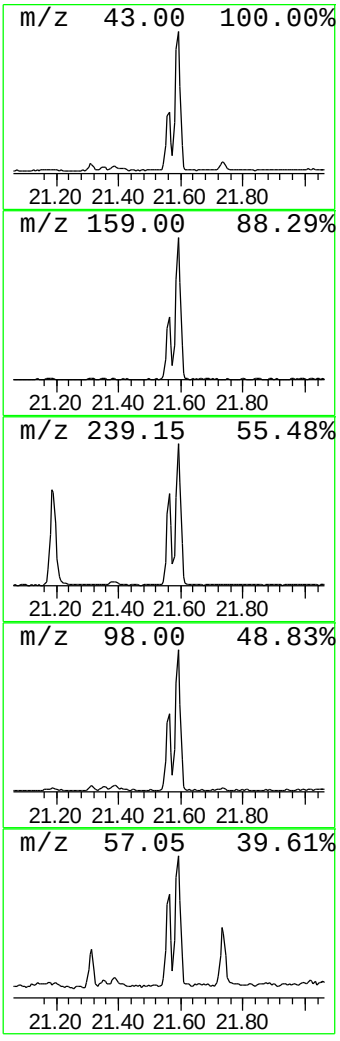
Peak Number 18 Hexadecanoic acid, 2-(acety... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	12.34 ng/ul	697384	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	91
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	83
3	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	30
4	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	27
5	Benzene, 2-(bromomethyl)-1,3-dic...	238	C7H5BrCl2	020443-98-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

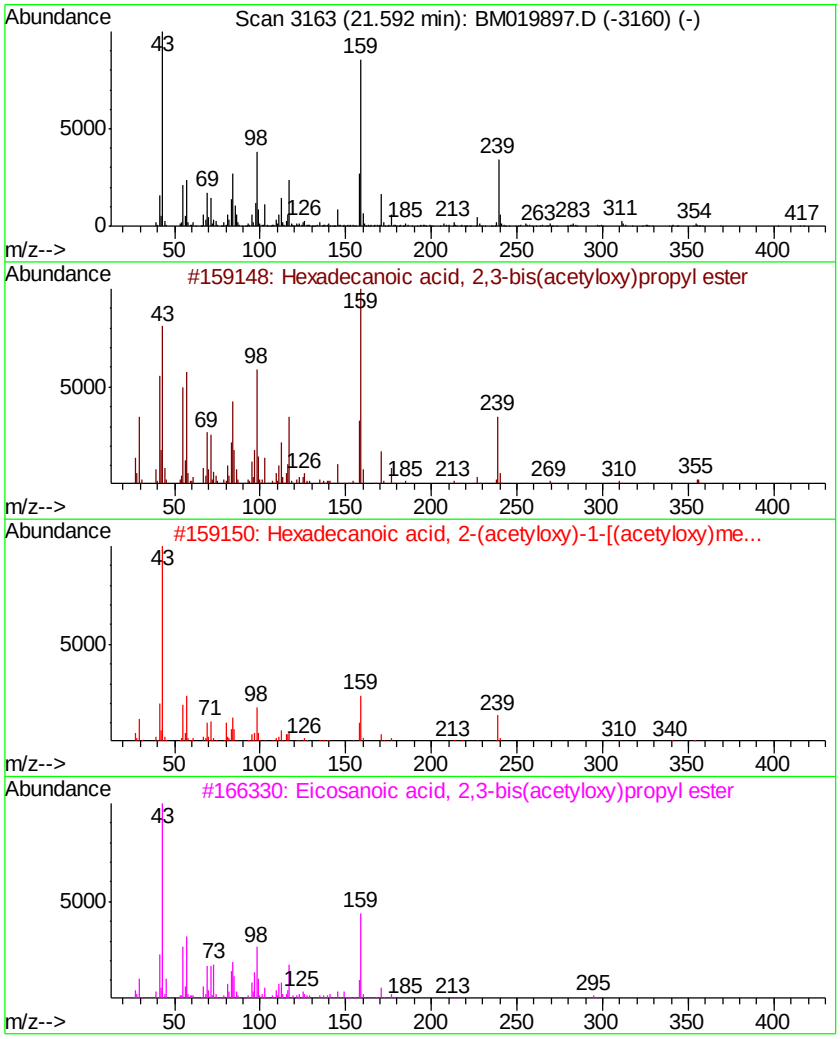
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

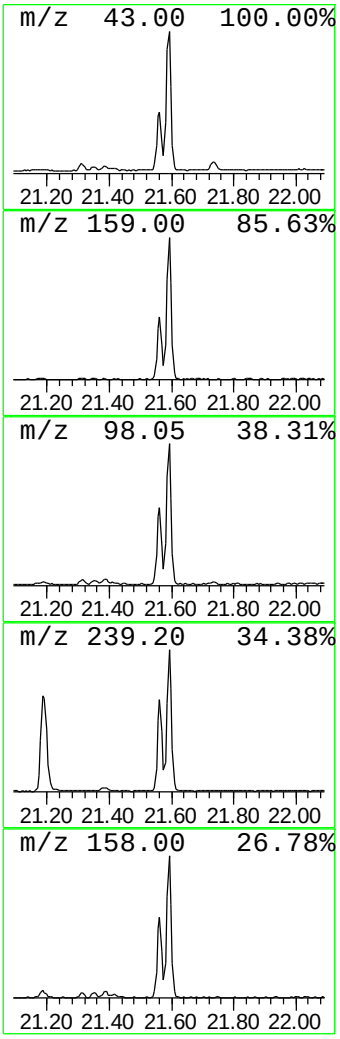
****

Peak Number 19 Hexadecanoic acid, 2,3-bis(... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	22.77 ng/ul	1286400	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	76
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	43
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	38
4	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	27
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
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Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

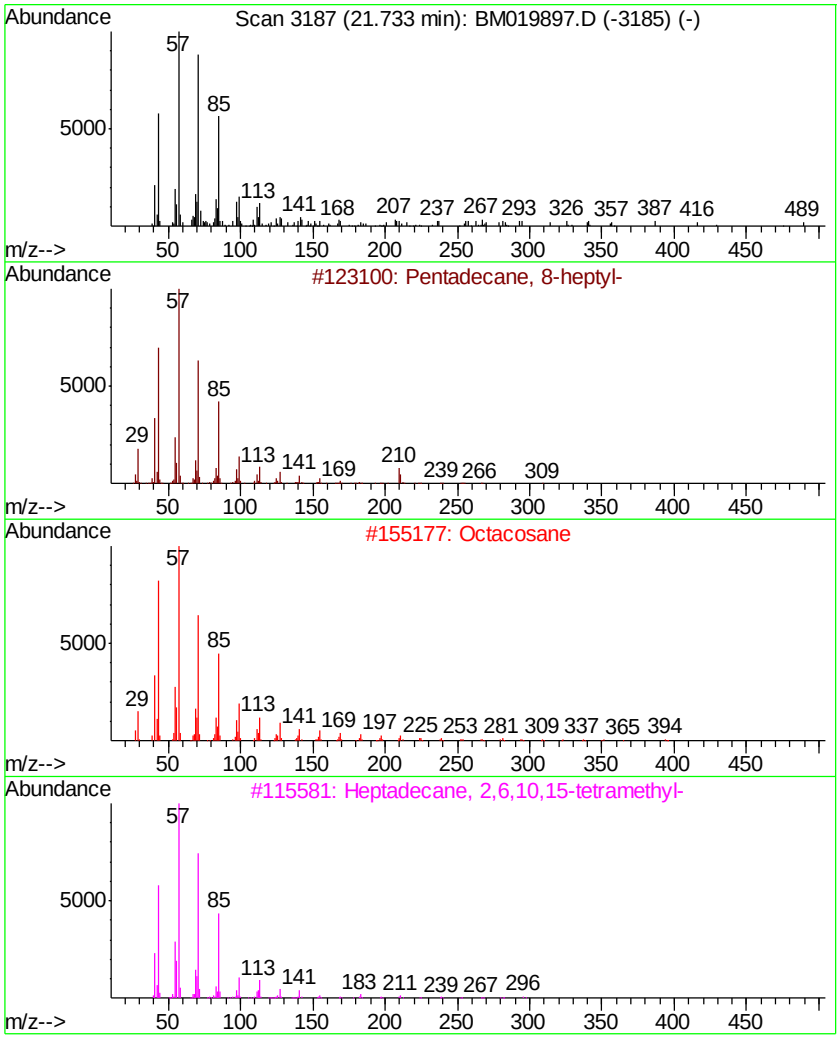
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

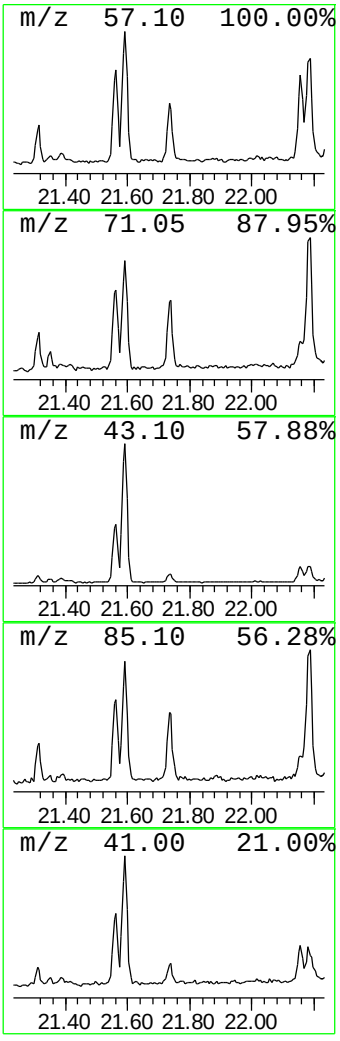
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.08 ng/ul	117628	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Pentadecane	212	C15H32	000629-62-9	80
5	Octadecane	254	C18H38	000593-45-3	80





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Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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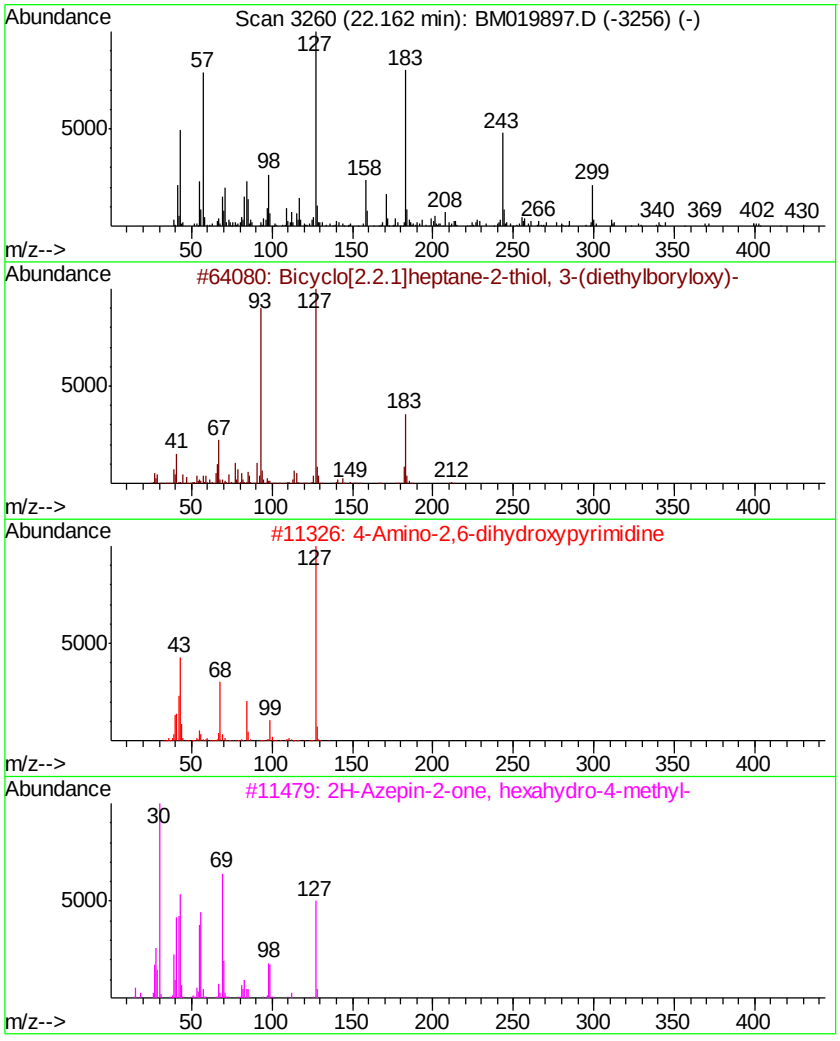
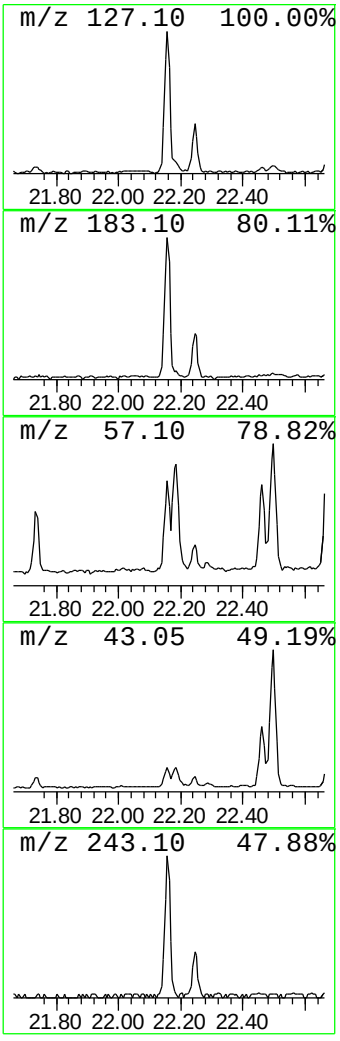
Peak Number 21 unknown-09 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	4.69 ng/ul	264950	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane-2-thiol, 3...	212	C11H21BOS	1000161-56-2	32
2	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	30
3	2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	27
4	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	25
5	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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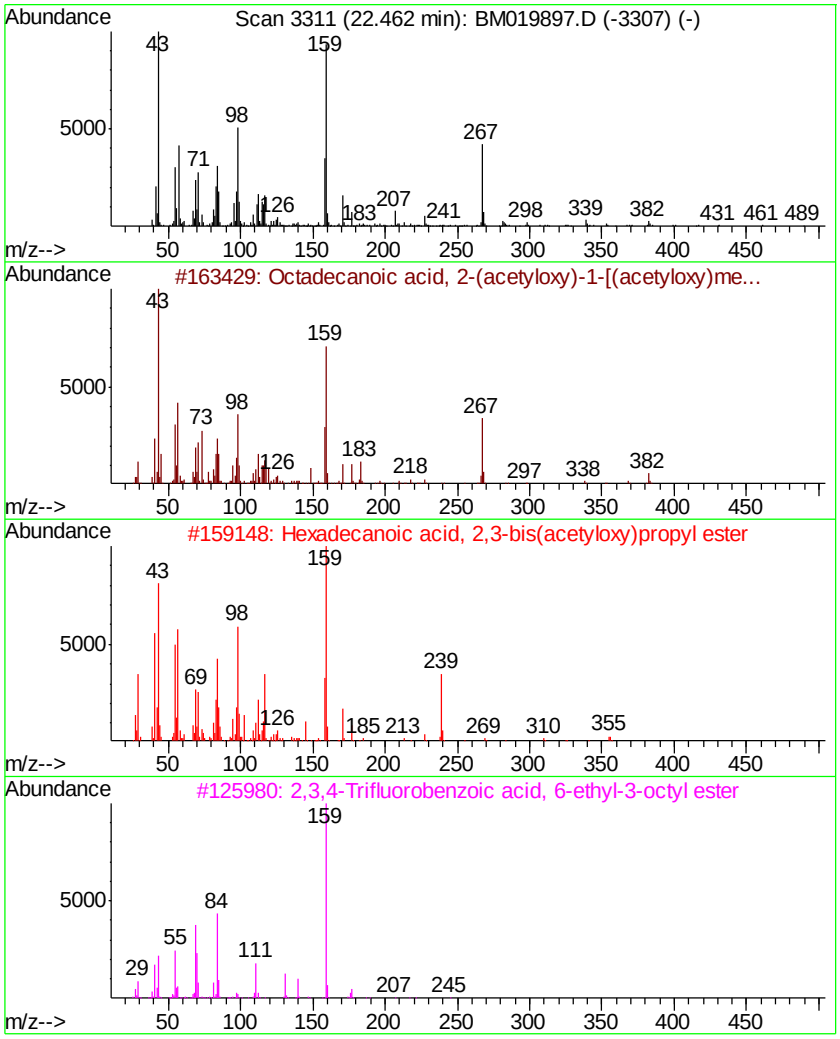
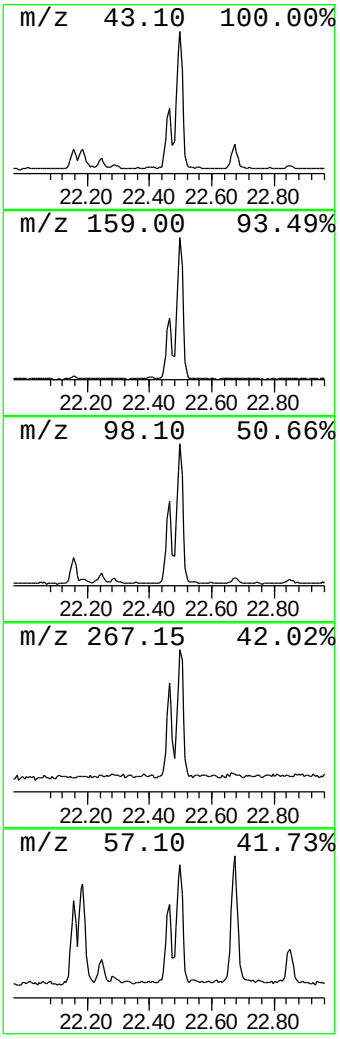
Peak Number 22 Octadecanoic acid, 2-(acety... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	11.89 ng/ul	699503	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	91
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	68
3	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	27
4	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	25
5	1,2-Diacetoxy-3-(2-methoxyphenox...	282	C14H18O6	092865-65-1	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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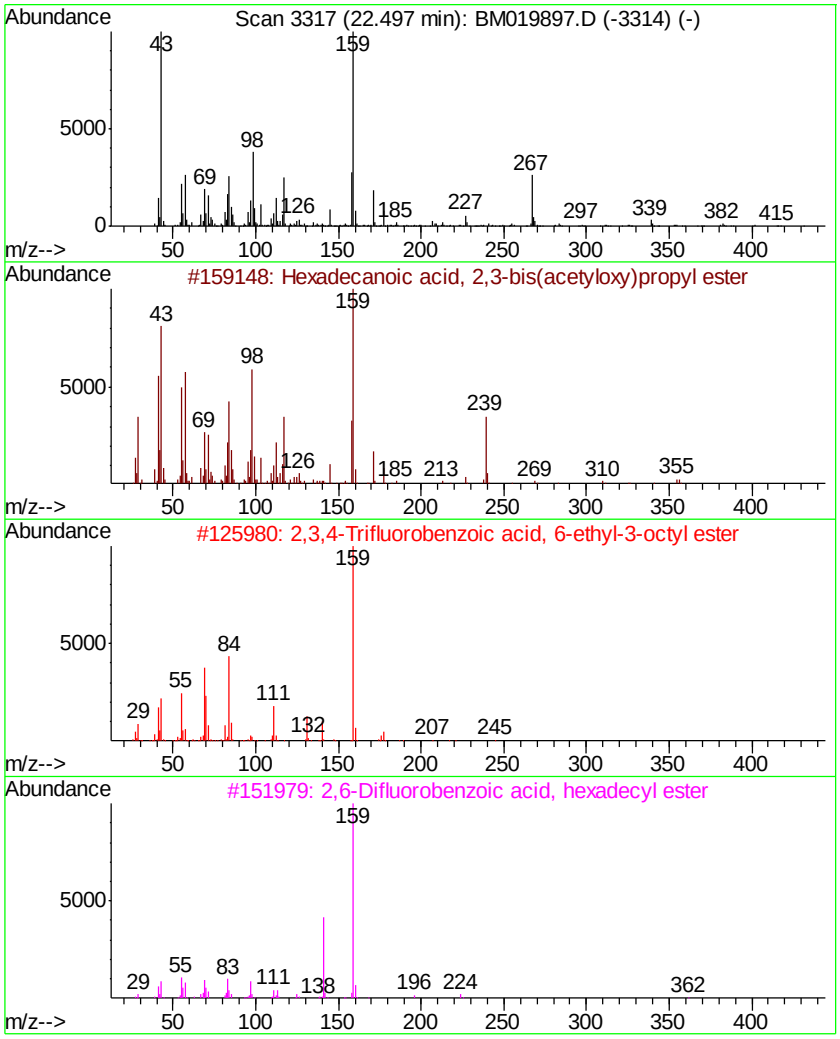
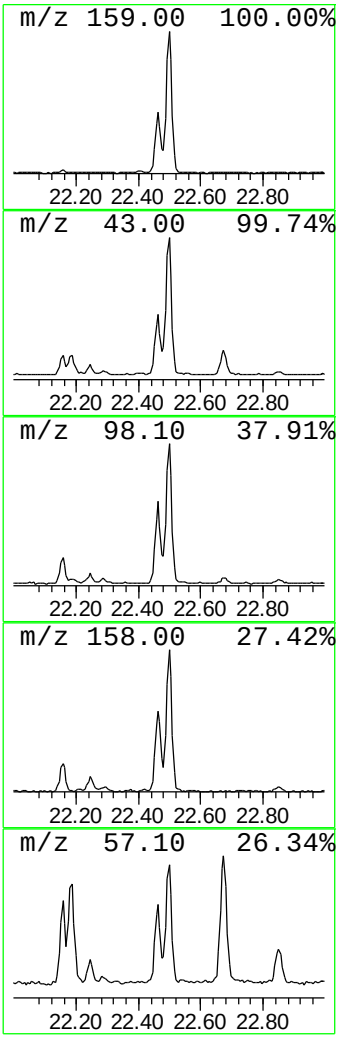
Peak Number 23 unknown-10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	21.99 ng/ul	1293210	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	58
2	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	27
3	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	27
4	2,3,4-Trifluorobenzoic acid, 4-t...	372	C21H31F3O2	1000280-62-0	25
5	2,3,4-Trifluorobenzoic acid, 2,7...	310	C17H17F3O2	1000292-55-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

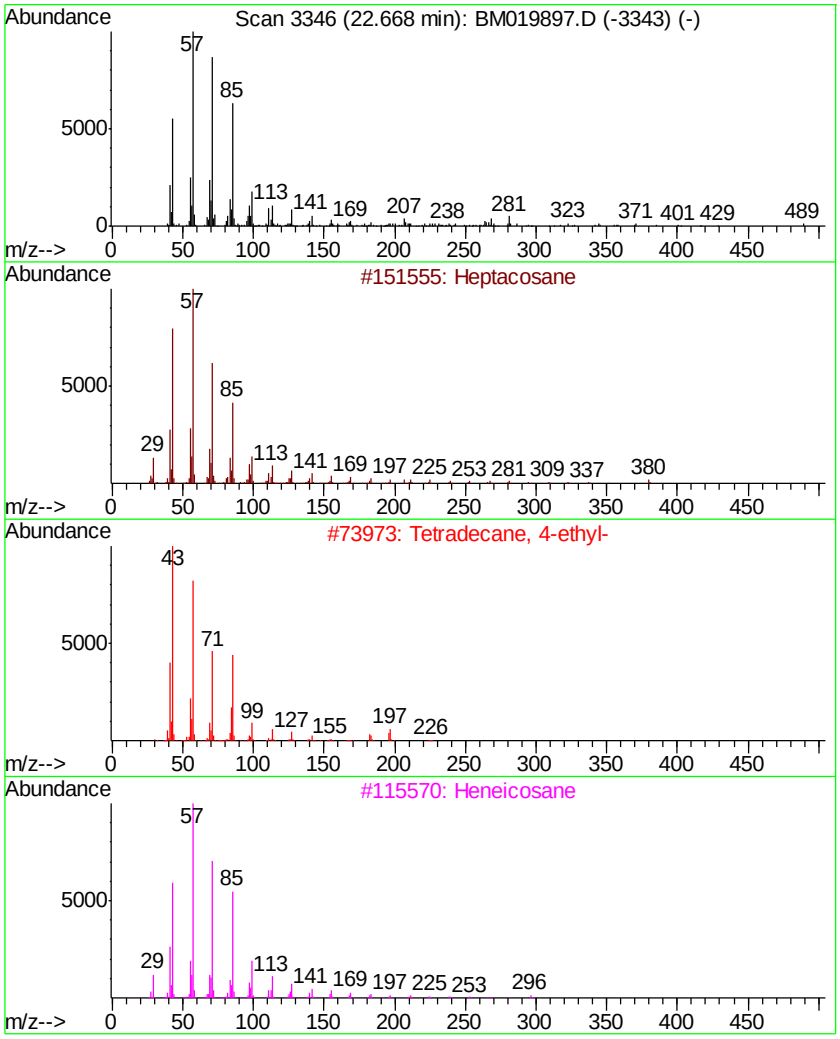
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

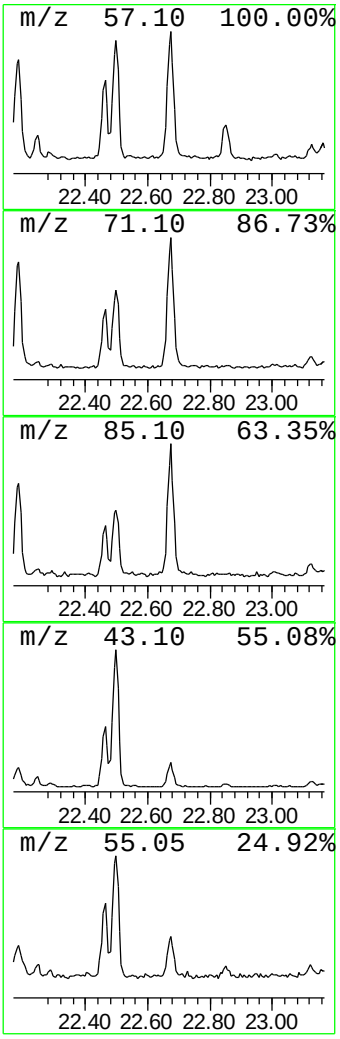
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	6.00 ng/ul	352815	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Nonadecane	268	C19H40	000629-92-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041119\
Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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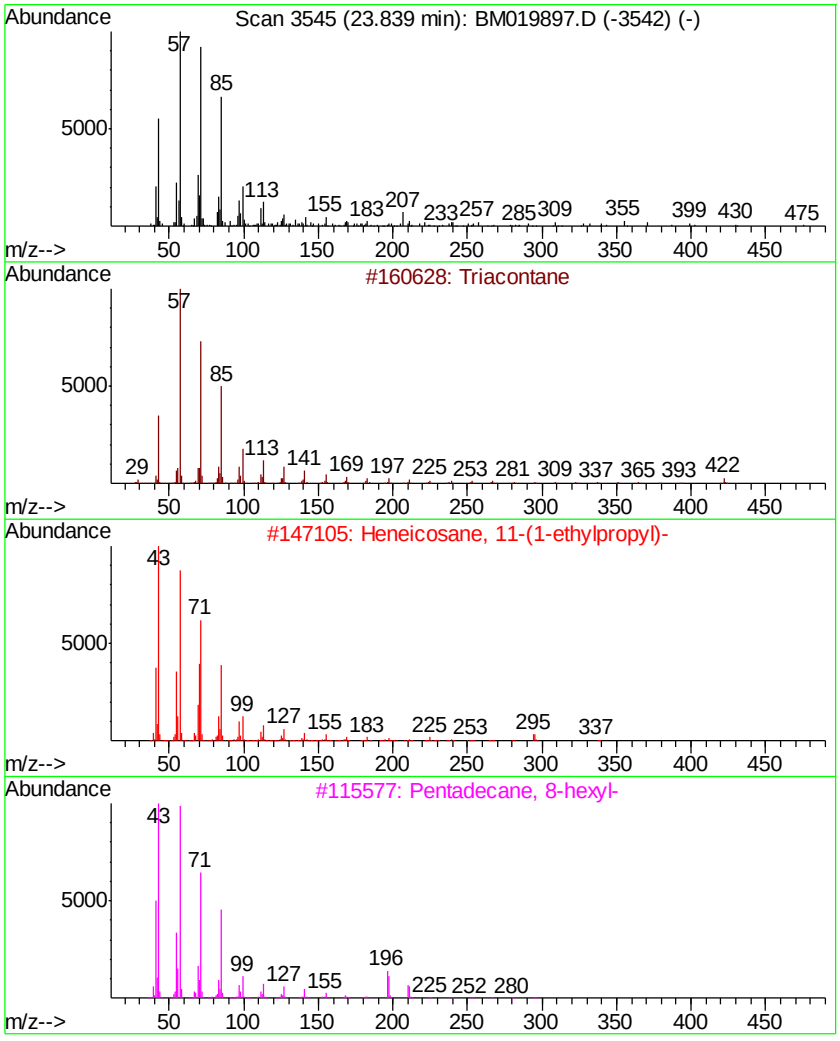
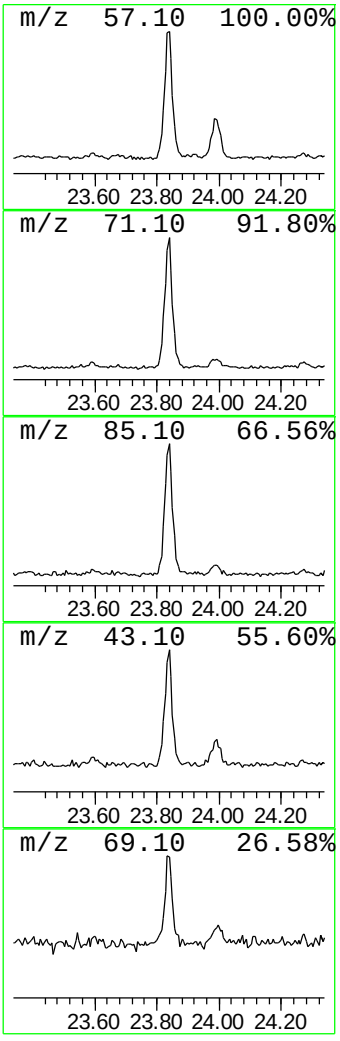
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	6.10 ng/ul	359036	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
4	Dodecane	170	C12H26	000112-40-3	74
5	Docosane	310	C22H46	000629-97-0	72





Tentatively Identified Compound (LSC) summary

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Data File : BM019897.D
Acq On : 11 Apr 2019 17:04
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-methoxy-	8.64	4.0	ng/ul	93799	1	7.54	468898	20.0
Vanillin	13.17	5.0	ng/ul	212509	3	14.20	846007	20.0
4H-Imidazol-4-one...	15.78	3.4	ng/ul	151756	4	16.97	882838	20.0
unknown-01	15.83	7.0	ng/ul	309105	4	16.97	882838	20.0
unknown-02	16.78	5.7	ng/ul	253533	4	16.97	882838	20.0
unknown-03	17.25	28.1	ng/ul	1241030	4	16.97	882838	20.0
unknown-04	17.30	55.6	ng/ul	2453280	4	16.97	882838	20.0
7,9-Di-tert-butyl...	17.63	8.2	ng/ul	362433	4	16.97	882838	20.0
n-Hexadecanoic acid	17.86	5.4	ng/ul	238497	4	16.97	882838	20.0
Decanoic acid, 2-...	18.57	9.6	ng/ul	422413	4	16.97	882838	20.0
unknown-05	18.62	19.1	ng/ul	844576	4	16.97	882838	20.0
Octadecanoic acid	19.15	5.2	ng/ul	294158	5	21.19	1130030	20.0
unknown-06	19.43	5.9	ng/ul	333886	5	21.19	1130030	20.0
unknown-07	19.72	53.3	ng/ul	3009200	5	21.19	1130030	20.0
unknown-08	19.76	107.6	ng/ul	6077400	5	21.19	1130030	20.0
Myristin, 2,3-dia...	20.69	21.9	ng/ul	1234660	5	21.19	1130030	20.0
Myristin, 1,3-dia...	20.73	41.6	ng/ul	2353250	5	21.19	1130030	20.0
Hexadecanoic acid...	21.56	12.3	ng/ul	697384	5	21.19	1130030	20.0
Hexadecanoic acid...	21.59	22.8	ng/ul	1286400	5	21.19	1130030	20.0
(DEL) Alkane: Str...	21.73	2.1	ng/ul	117628	5	21.19	1130030	20.0
unknown-09	22.16	4.7	ng/ul	264950	5	21.19	1130030	20.0
Octadecanoic acid...	22.46	11.9	ng/ul	699503	6	23.39	1176430	20.0
unknown-10	22.50	22.0	ng/ul	1293210	6	23.39	1176430	20.0
(DEL) Alkane: Str...	22.67	6.0	ng/ul	352815	6	23.39	1176430	20.0
(DEL) Alkane: Str...	23.84	6.1	ng/ul	359036	6	23.39	1176430	20.0