LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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	4.163	197	200	210	rVB7	7658	12182	0.18%	0.025%
2	6.751	632	640	651	rBV3	56205	157214	2.33%	0.321%
3	6.899	659	665	682	rBV	261185	492974	7.31%	1.005%
4	7.081	690	696	711	rBV	315613	571421	8.48%	1.165%
5	7.540	768	774	782	rBV	322669	537198	7.97%	1.095%
6	7.604	782	785	793	rVB4	7336	13385	0.20%	0.027%
7	8.269	892	898	915	rBV	189979	403959	5.99%	0.824%
8	8.640	955	961	967	rBV	46712	83318	1.24%	0.170%
9	8.716	967	974	985	rBV	331310	600919	8.92%	1.225%
10	8.863	995	999	1003	rVB5	6538	10749	0.16%	0.022%
11	9.428	1088	1095	1110	rBV	276571	544790	8.08%	1.111%
12	9.969	1181	1187	1212	rBV	260304	762864	11.32%	1.556%
13	10.316	1230	1246	1256	rBV	448403	792216	11.76%	1.615%
14	11.675	1470	1477	1485	rBV	37326	86987	1.29%	0.177%
15	13.175	1725	1732	1748	rBV	70604	188997	2.80%	0.385%
16	13.627	1803	1809	1821	rBV	868862	1271612	18.87%	2.593%
17	13.892	1848	1854	1868	rBV	999521	1493218	22.16%	3.045%
18	14.139	1889	1896	1901	rBV4	9501	24395	0.36%	0.050%
19	14.204	1901	1907	1916	rVV2	648146	964551	14.31%	1.967%
20	14.286	1916	1921	1924	rVB4	9291	12752	0.19%	0.026%
21	14.563	1963	1968	1973	rBV6	11911	32673	0.48%	0.067%
22	14.639	1977	1981	1988	rVV4	17249	31102	0.46%	0.063%
23	14.886	2018	2023	2030	rBV	19483	32089	0.48%	0.065%
24	15.157	2065	2069	2071	rBV2	6521	9242	0.14%	0.019%
25	15.204	2071	2077	2094	rVB	1269025	1858350	27.57%	3.789%
26	15.374	2101	2106	2116	rBV	260820	471688	7.00%	0.962%
27	15.445	2116	2118	2128	rVB4	18792	31676	0.47%	0.065%
28	15.592	2139	2143	2154	rVB5	5659	10922	0.16%	0.022%
29	15.774	2168	2174	2179	rBV	130425	158209	2.35%	0.323%
30	15.827	2179	2183	2193	rVB	253123	323828	4.81%	0.660%
31	16.692	2325	2330	2336	rBV2	17967	33132	0.49%	0.068%
32	16.774	2336	2344	2356	rVB	136086	242629	3.60%	0.495%
33	16.963	2371	2376	2387	rBV2	710858	1035857	15.37%	2.112%
34	17.068	2387	2394	2408	rVV	1335883	2013343	29.87%	4.105%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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	17.251	2420	2425	2429	rBV	1161046	1315233	19.52%	2.682%
36	17.304	2429	2434	2441	rVB	2207301	2647552	39.29%	5.399%
37	17.545	2469	2475	2479	rBV	10246	14337	0.21%	0.029%
38	17.598	2479	2484	2485	rVV	20379	21754	0.32%	0.044%
39	17.627	2485	2489	2494	rVB	309497	369110	5.48%	0.753%
40	17.857	2523	2528	2538	rBV2	60292	108509	1.61%	0.221%
41	18.110	2567	2571	2572	rBV2	7502	7744	0.11%	0.016%
42	18.204	2581	2587	2595	rVB2	47774	85126	1.26%	0.174%
43	18.574	2645	2650	2654	rBV	405939	447967	6.65%	0.913%
44	18.621	2654	2658	2665	rVB	754854	897234	13.31%	1.830%
45	19.015	2722	2725	2733	rVB2	15577	22417	0.33%	0.046%
46	19.151	2744	2748	2755	rBV3	107737	160427	2.38%	0.327%
47	19.268	2764	2768	2771	rBV2	12746	17720	0.26%	0.036%
48	19.380	2781	2787	2792	rBV	1700391	2408574	35.74%	4.911%
49	19.433	2792	2796	2804	rVB	182022	292847	4.35%	0.597%
50	19.562	2816	2818	2822	rBV5	5521	7986	0.12%	0.016%
51	19.715	2839	2844	2847	rBV	2963462	3349318	49.70%	6.830%
52	19.751	2847	2850	2855	rVB	6556634	6739304	100.00%	13.742%
53	20.451	2966	2969	2971	rBV	48648	63002	0.93%	0.128%
54	20.474	2971	2973	2978	rVB3	51539	66259	0.98%	0.135%
55	20.692	3006	3010	3013	rBV	1293214	1353169	20.08%	2.759%
56	20.727	3013	3016	3020	rVB	2522158	2565545	38.07%	5.231%
57	21.186	3089	3094	3103	rBV	960817	1284504	19.06%	2.619%
58	21.309	3112	3115	3118	rBV2	76051	81766	1.21%	0.167%
59	21.351	3119	3122	3124	rBV2	58224	63740	0.95%	0.130%
60	21.556	3153	3157	3160	rBV	707995	801319	11.89%	1.634%
61	21.586	3160	3162	3168	rVB	1263236	1396404	20.72%	2.847%
62	22.156	3255	3259	3262	rBV	261382	350240	5.20%	0.714%
63	22.239	3271	3273	3277	rVB	92566	106012	1.57%	0.216%
64	22.456	3306	3310	3313	rBV	582073	751654	11.15%	1.533%
65	22.492	3313	3316	3326	rVB	1086104	1476174	21.90%	3.010%
66	22.668	3343	3346	3351	rVB	119646	150823	2.24%	0.308%
67	23.244	3436	3444	3454	rVB	1476476	2906387	43.13%	5.926%
68	23.380	3462	3467	3479	rVB2	728423	1401148	20.79%	2.857%

Sum of corrected areas: 49041746

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
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Acq On : 12 Apr 2019 10:15
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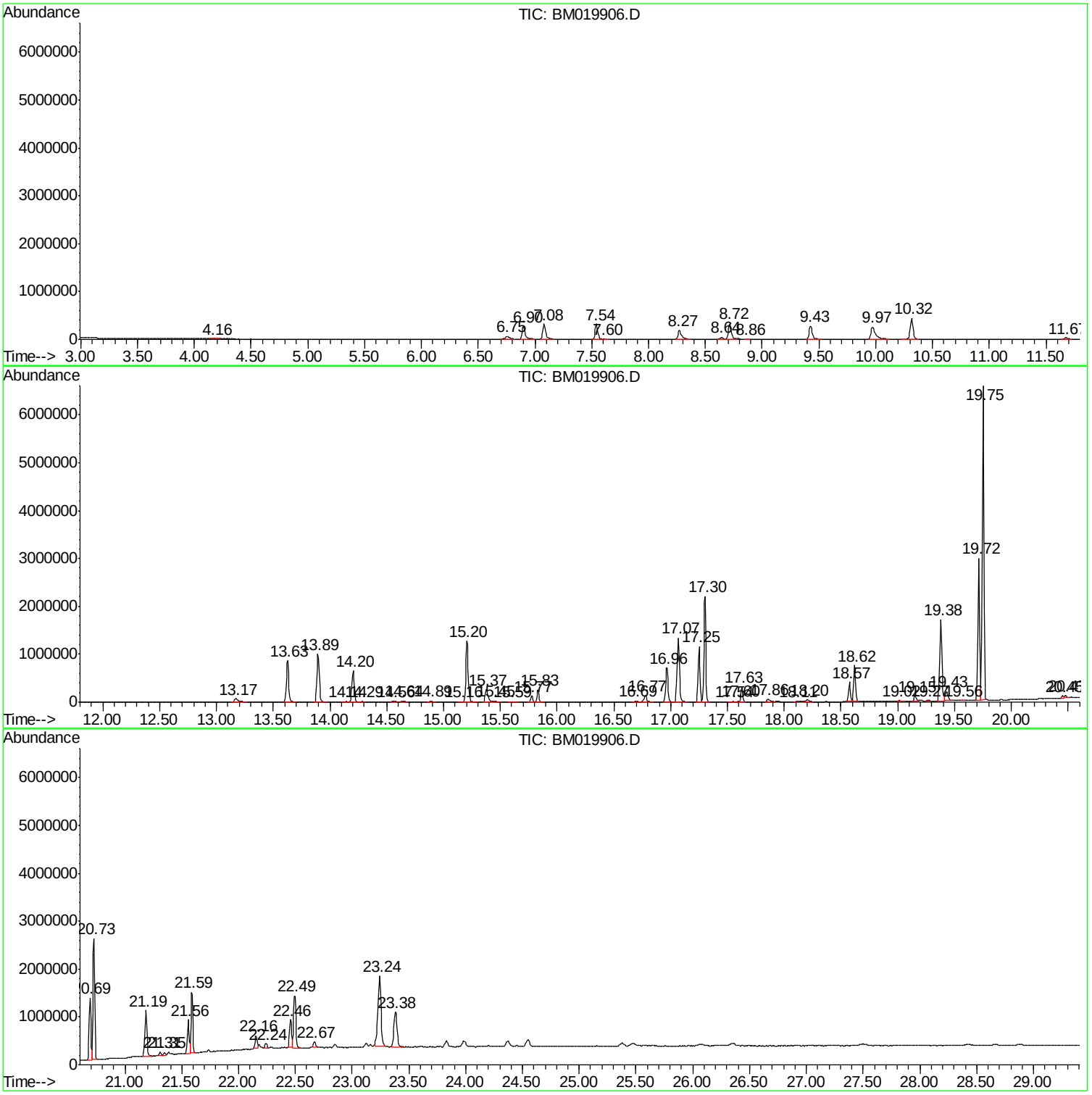
Sample : K2149-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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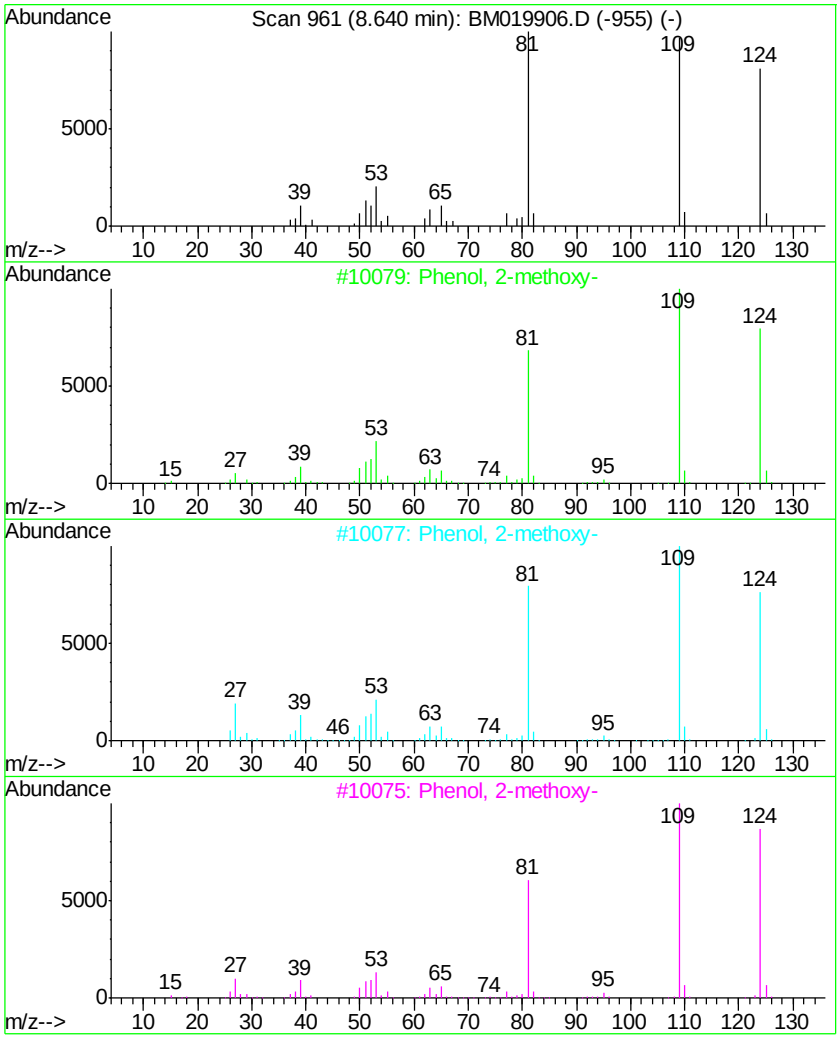
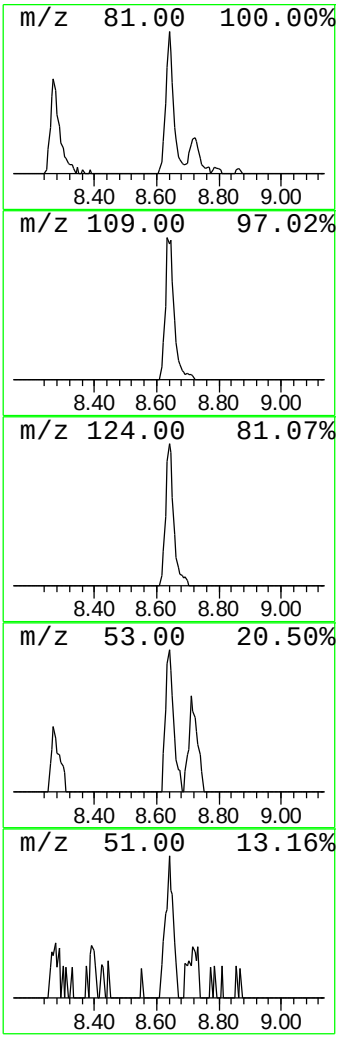
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	3.10 ng/ul	83318	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	83
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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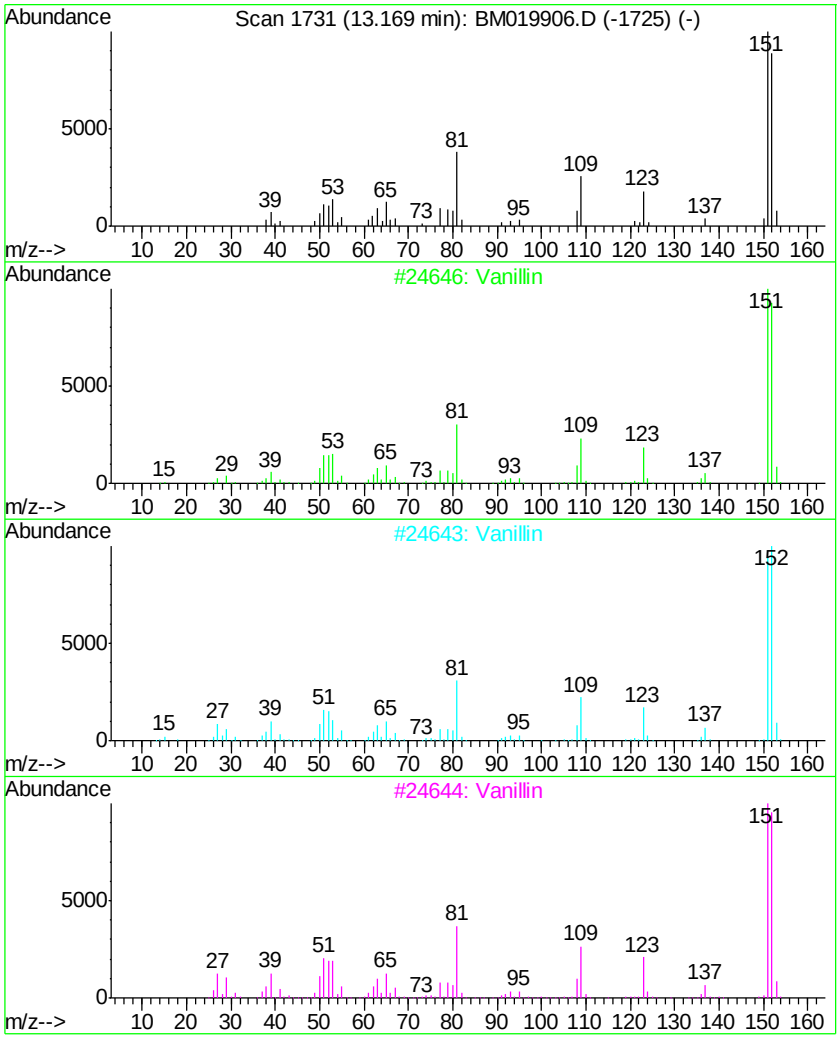
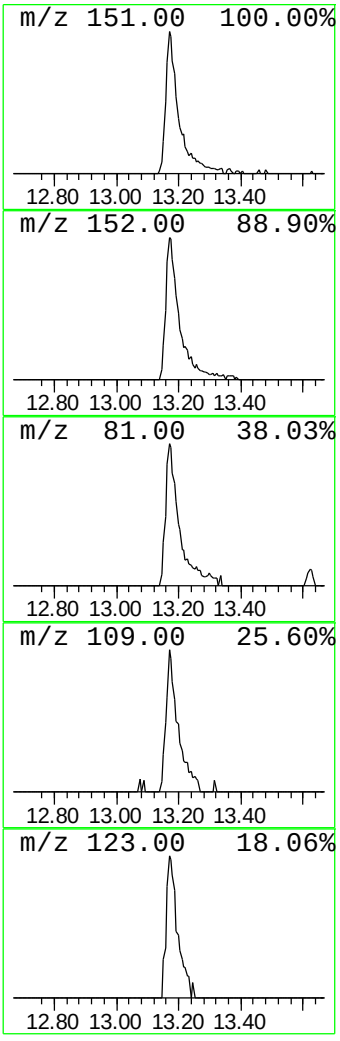
Peak Number 2 Vanillin Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.92 ng/ul	188997	Acenaphthene-d10	14.20

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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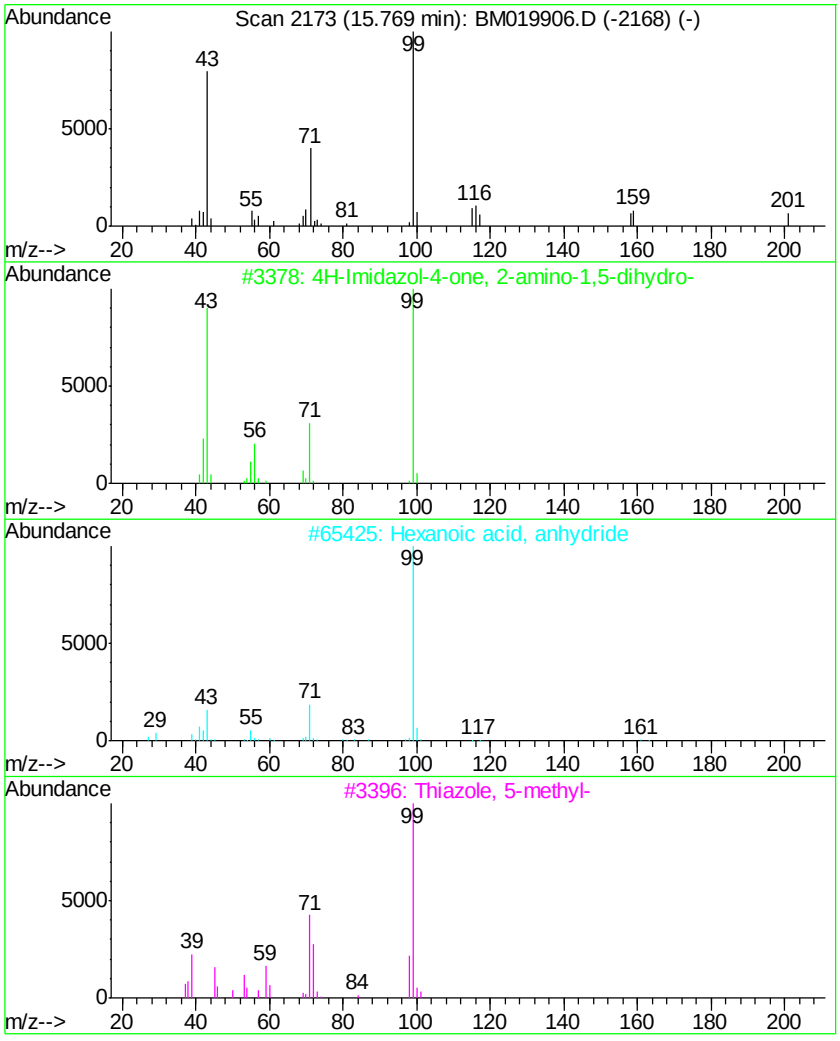
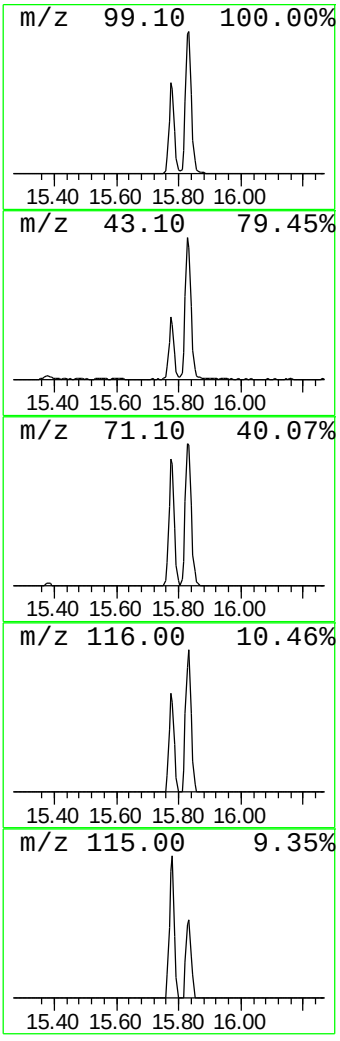
Peak Number 3 4H-Imidazol-4-one, 2-amino-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.05 ng/ul	158209	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	53
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	53
3	Thiazole, 5-methyl-	99	C4H5NS	003581-89-3	50
4	2,5-Pyrrolidinedione	99	C4H5NO2	000123-56-8	43
5	2,5-Pyrrolidinedione	99	C4H5NO2	000123-56-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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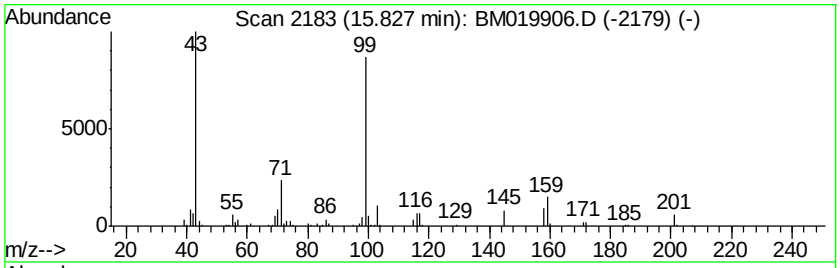
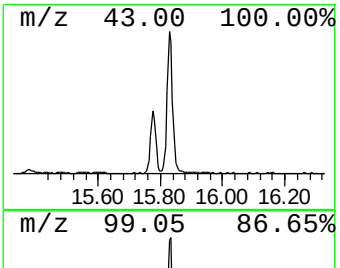
Peak Number 4 Hexanoic acid, 4-hexadecyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	6.25 ng/ul	323828	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	50
2	Heptanoic acid, 2-methylpropyl e...	186	C11H22O2	007779-80-8	50
3	Pentanoic acid, 4-oxo-, propyl e...	158	C8H14O3	000645-67-0	47
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	42
5	Hexanoic acid, 4-tetradecyl ester	312	C20H40O2	1000279-29-8	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

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

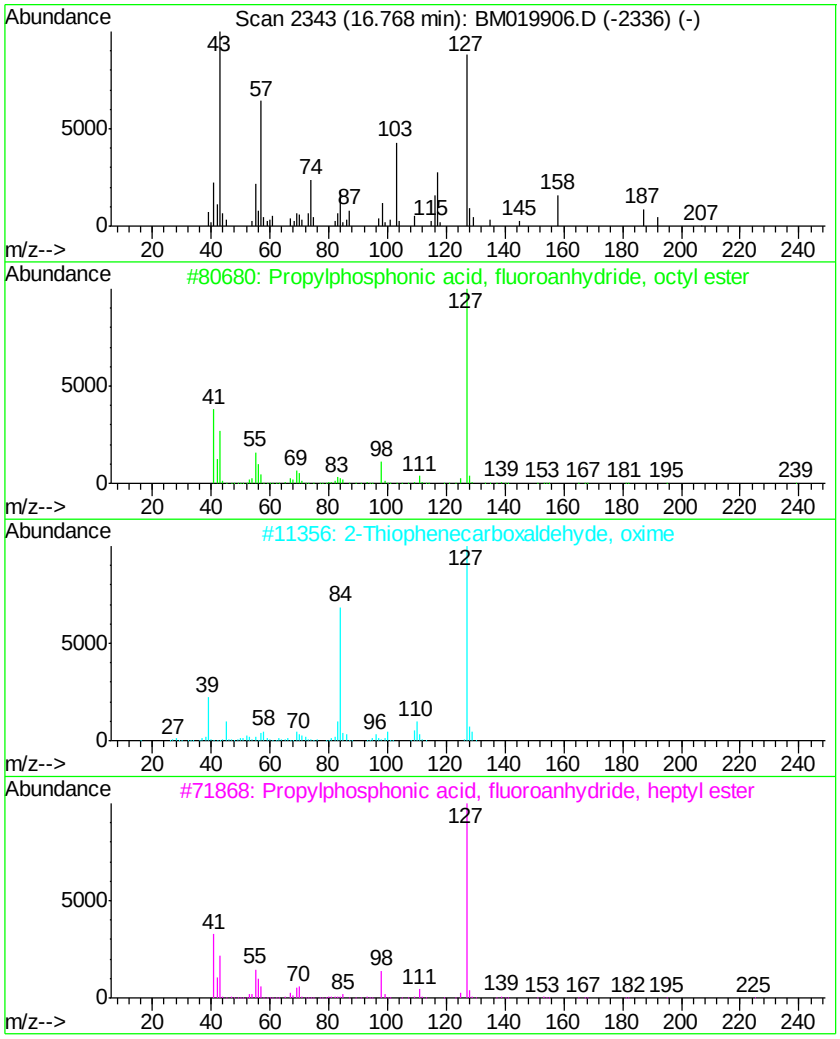
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

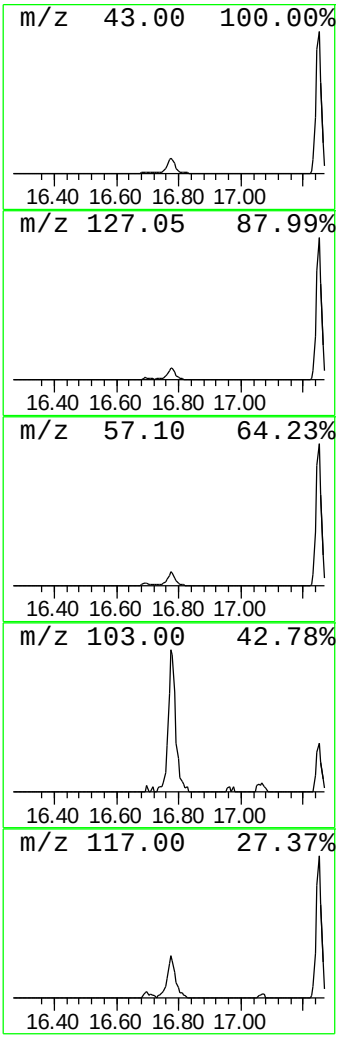
****

Peak Number 5 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	4.68 ng/ul	242629	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	35
2	2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	35
3	Propylphosphonic acid, fluoroanh...	224	C10H22FO2P	333416-19-6	35
4	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	35
5	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

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

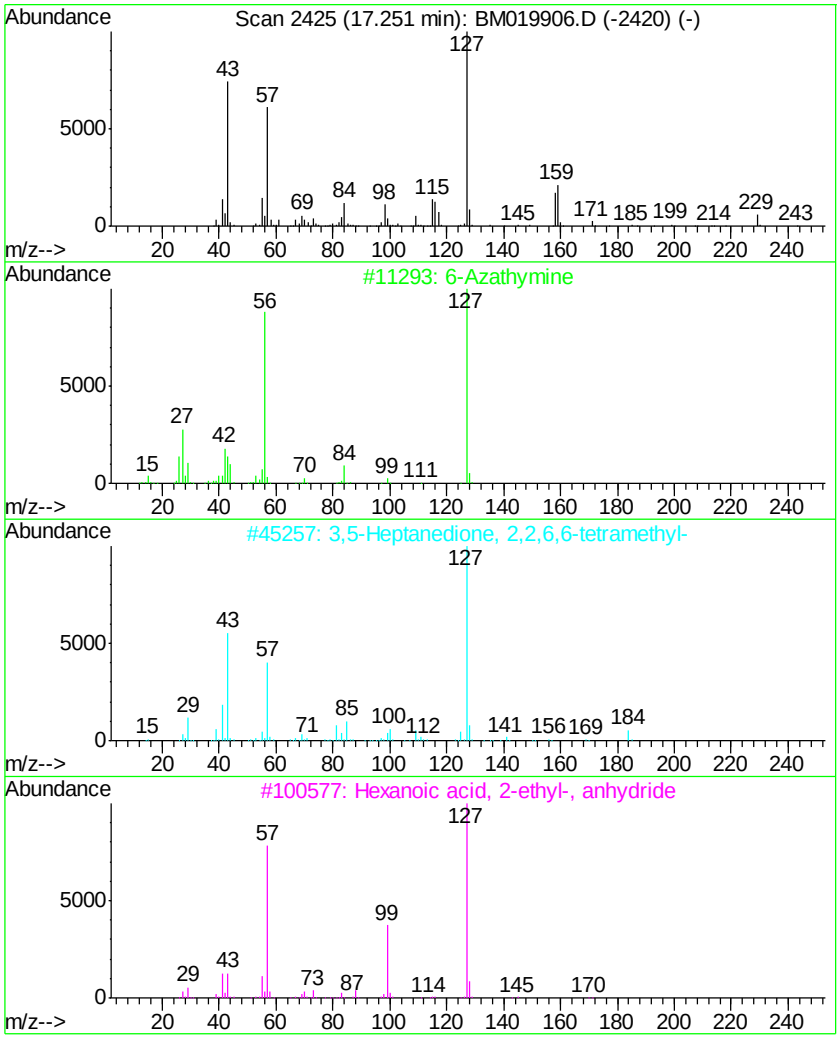
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

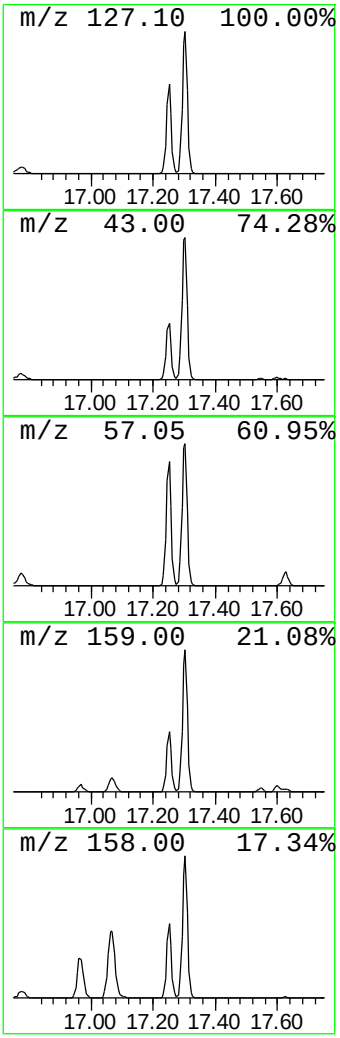
****

Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	25.39 ng/ul	1315230	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Azathymine	127	C4H5N3O2	000932-53-6	43
2	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	38
3	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	38
4	Triazene, 1,3-bis(4-methoxyfuraz...	283	C9H13N7O4	349564-78-9	38
5	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

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

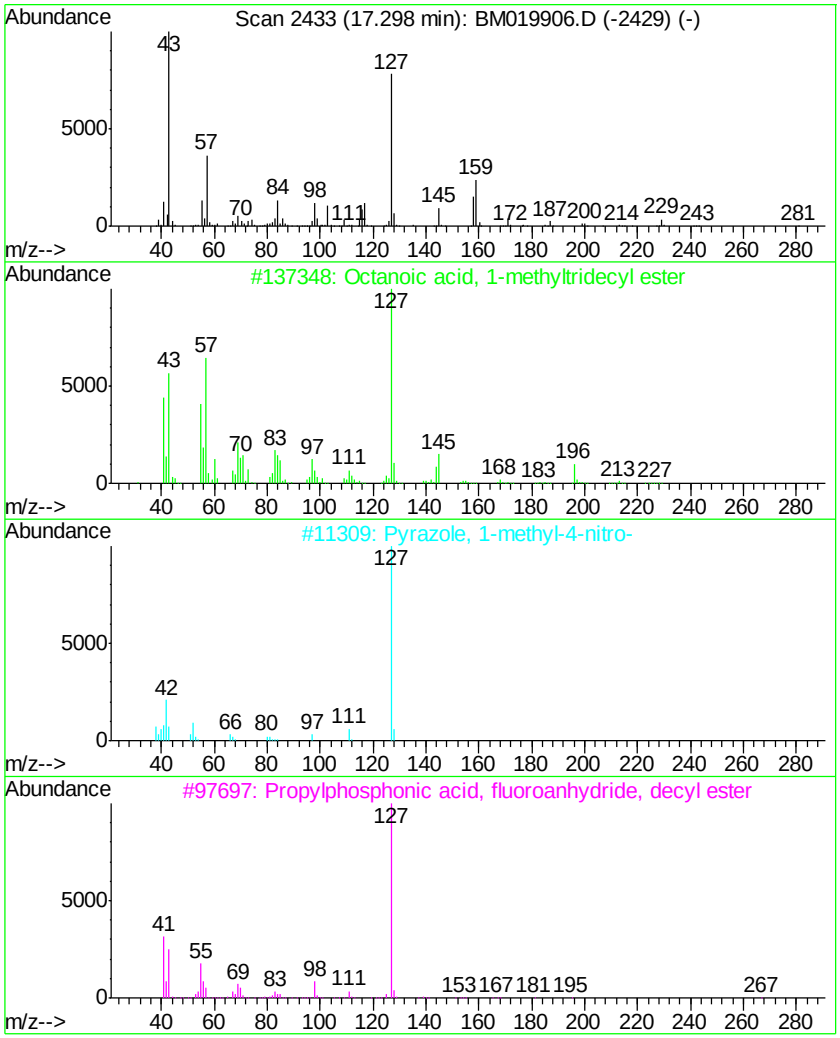
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

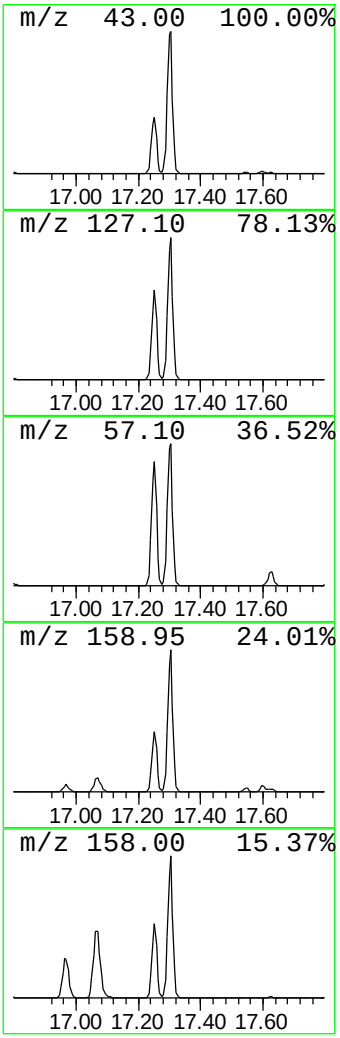
****

Peak Number 7 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	51.12 ng/ul	2647550	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	38
2	Pyrazole, 1-methyl-4-nitro-	127	C4H5N3O2	003994-50-1	38
3	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	37
4	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	37
5	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	37





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Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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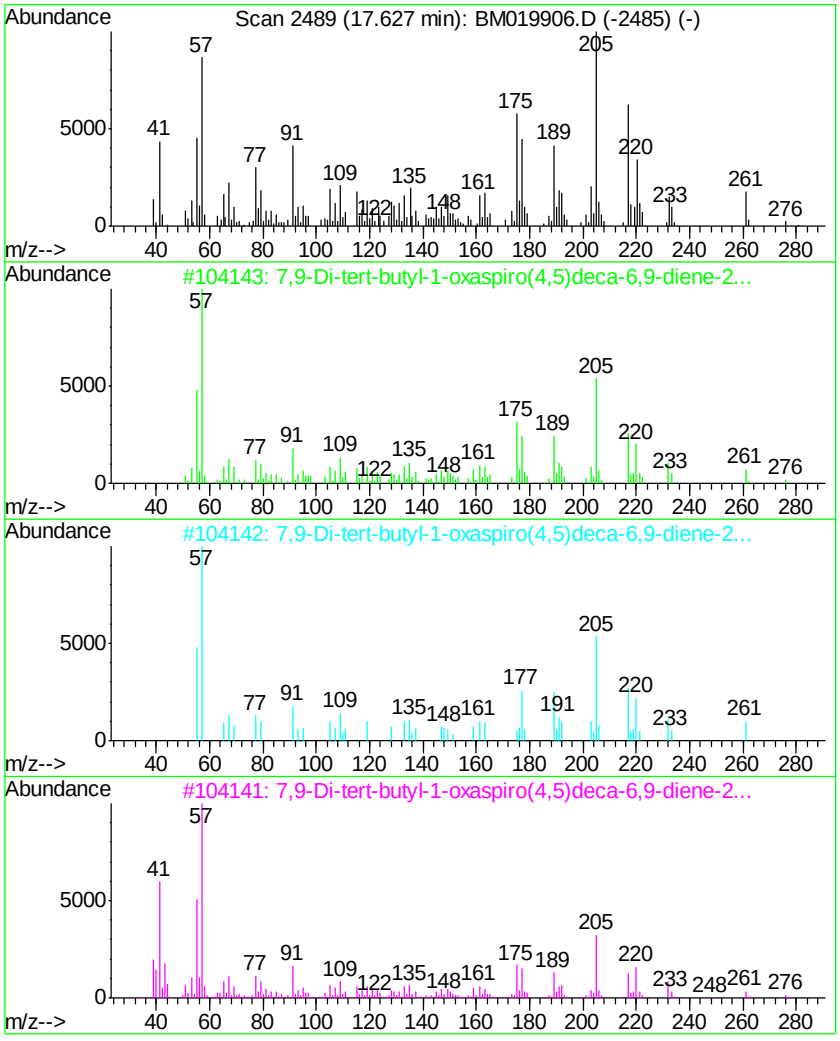
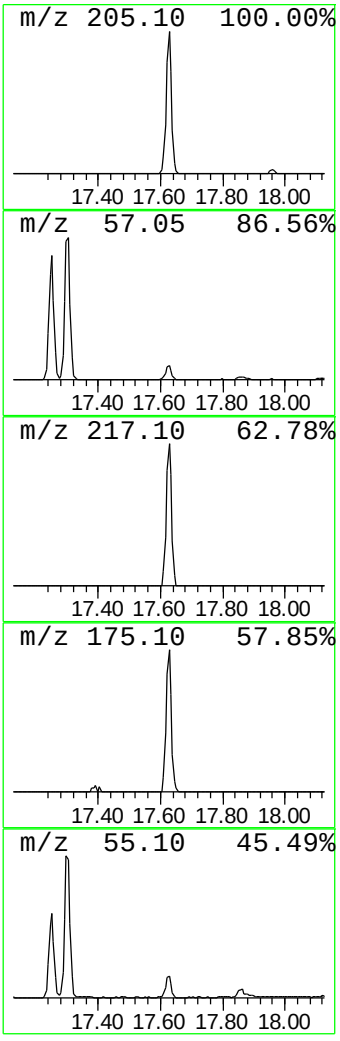
Peak Number 8 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	7.13 ng/ul	369110	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	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	38
5	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	38





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5F0

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Quant Title : SVOA CALIBRATION

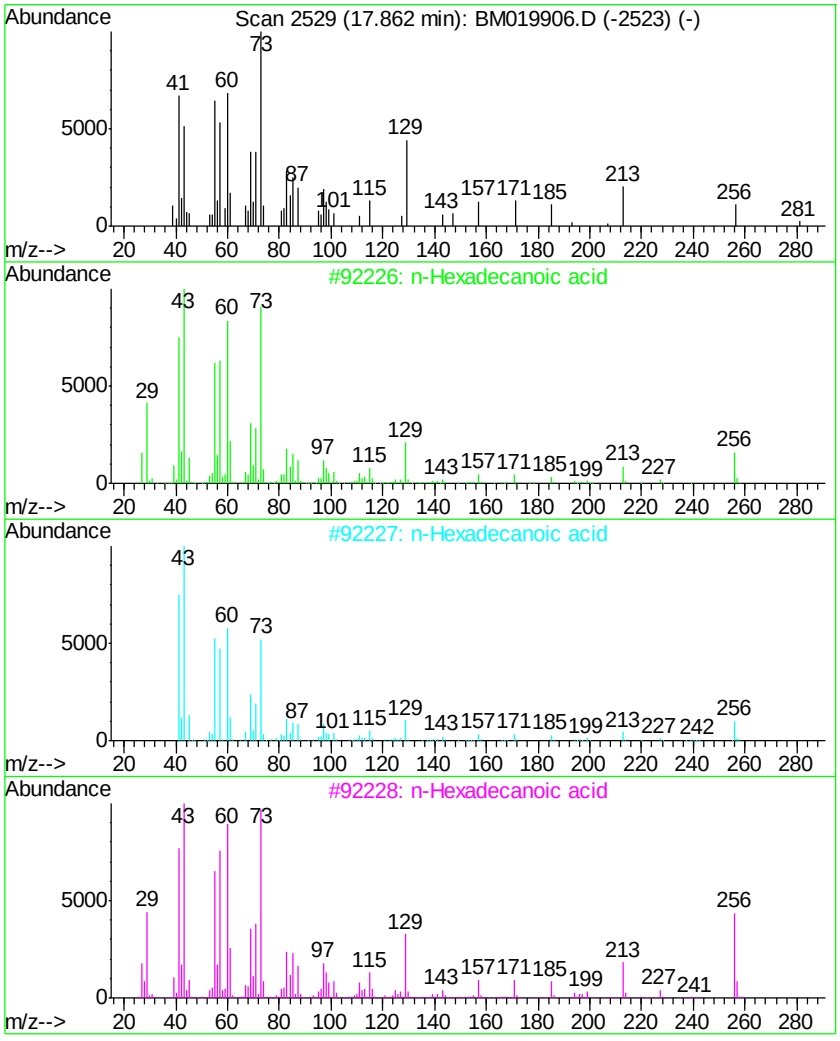
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

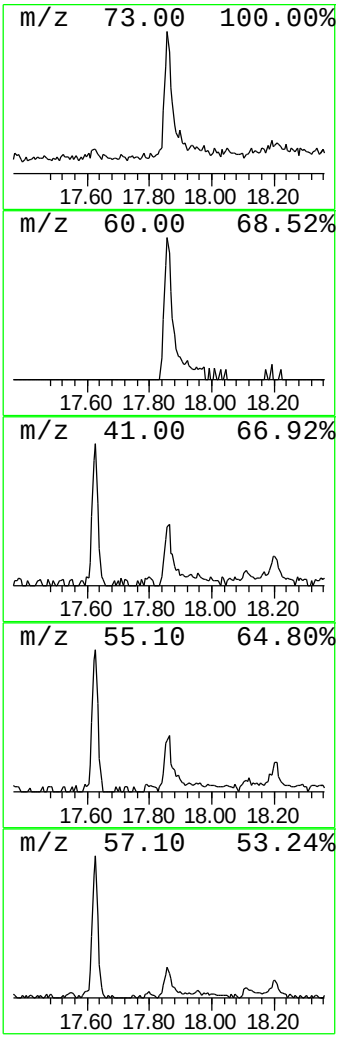
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.10 ng/ul	108509	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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





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Misc :
ALS Vial : 3 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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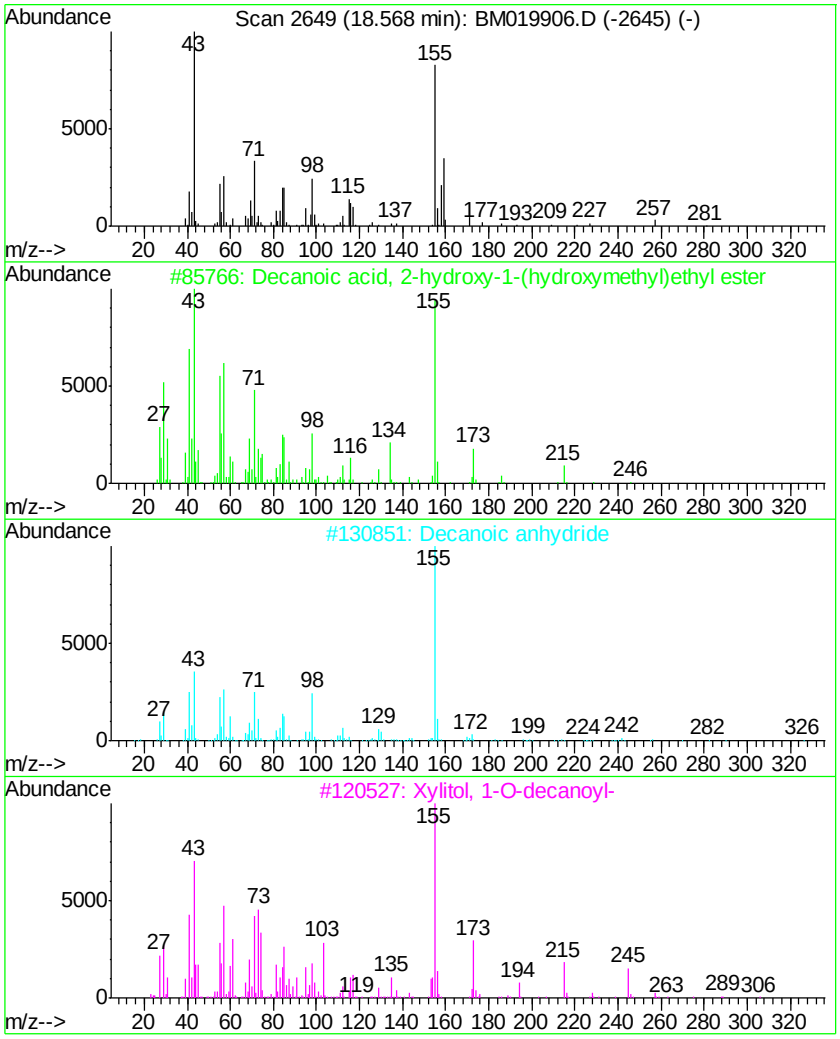
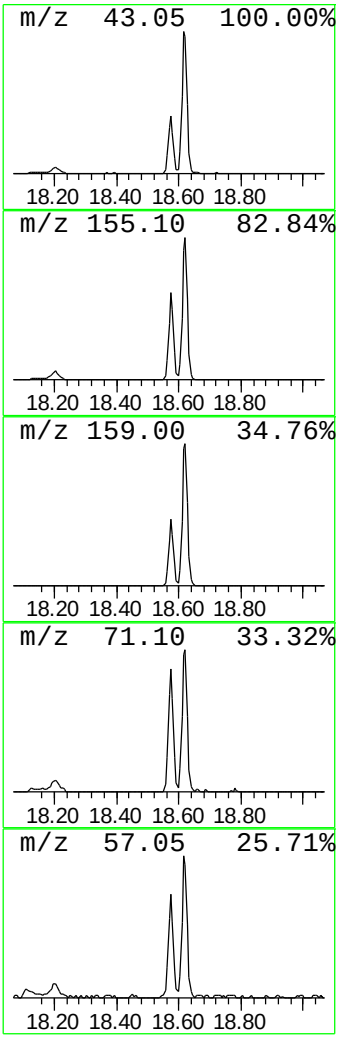
Peak Number 10 Decanoic acid, 2-hydroxy-1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	8.65 ng/ul	447967	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	Decanoic anhydride	326	C20H38O3	002082-76-0	37
3	Xylitol, 1-O-decanoyl-	306	C15H30O6	1000155-78-0	33
4	Vinyl decanoate	198	C12H22O2	004704-31-8	32
5	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	27





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Sample : K2149-08
Misc :
ALS Vial : 3 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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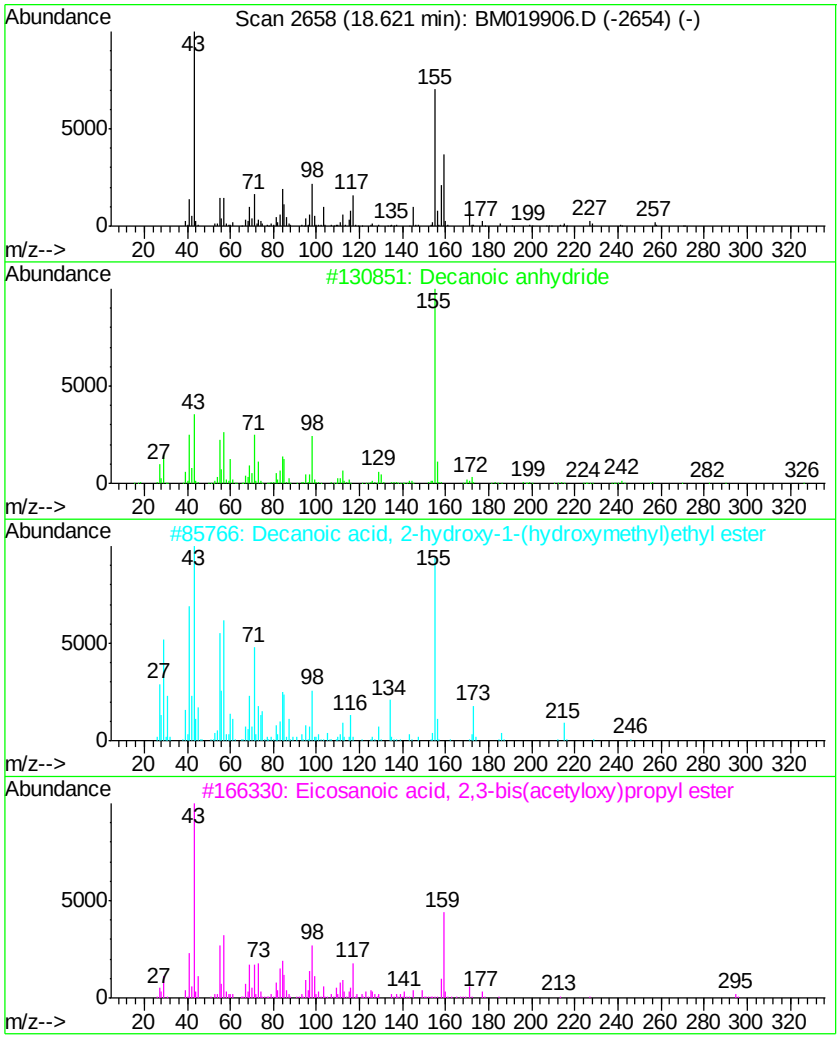
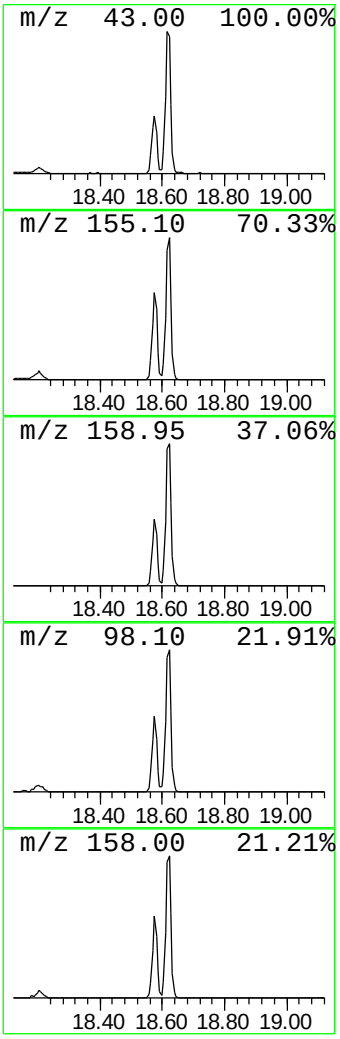
Peak Number 11 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	17.32 ng/ul	897234	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	32
2	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	23
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	16
4	6-Oxadodecane, 1-[1-cycloazaprop...	213	C13H27NO	1000251-59-0	14
5	1-Chloromethyl-1-(2-propenyloxy)...	204	C9H17ClOSi	1000279-42-5	12





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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 12 Octadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.50 ng/ul	160427	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
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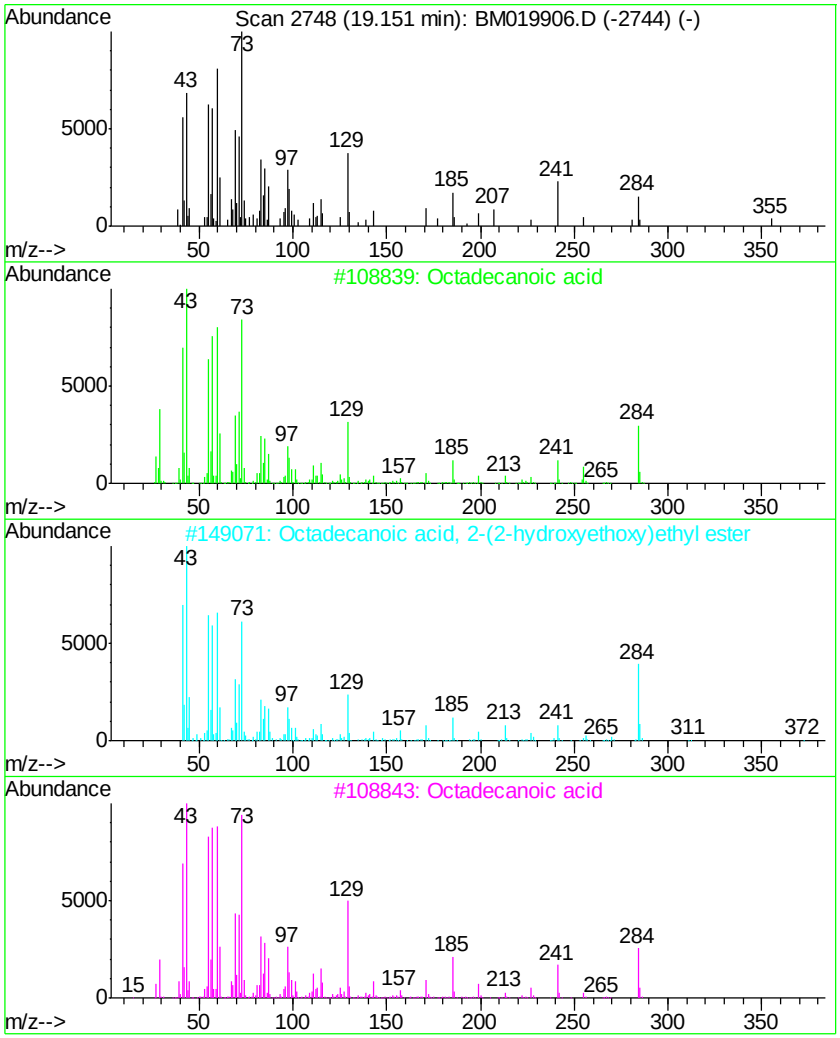

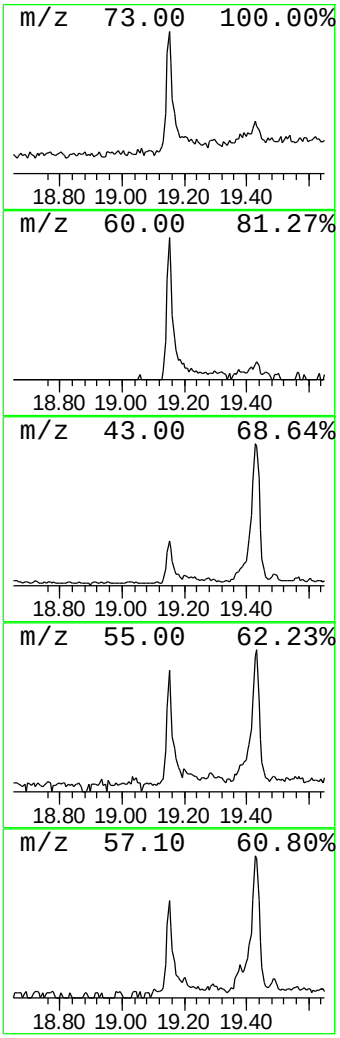

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Sample : K2149-08
Misc :
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Instrument : BNA_M
ClientSampleId : BF5F0

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Quant Title : SVOA CALIBRATION

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

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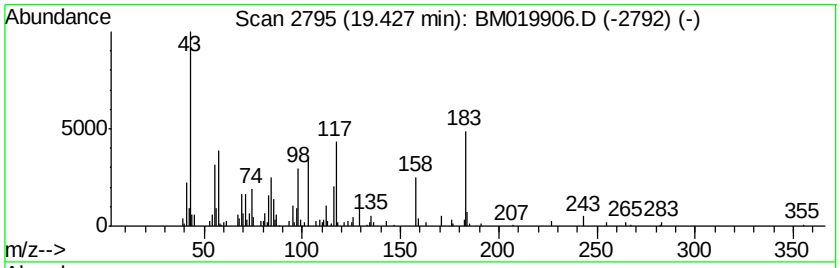
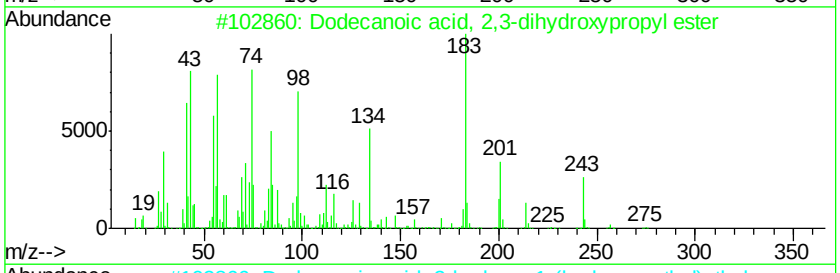
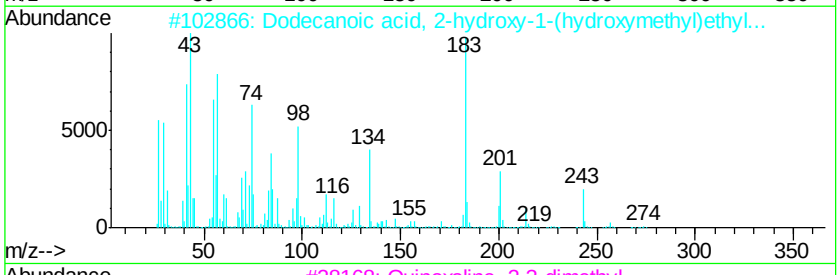
Peak Number 13 unknown-05 Concentration Rank 17

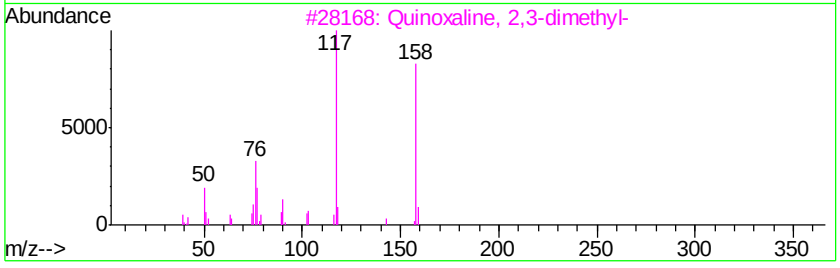
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	4.56 ng/ul	292847	Chrysene-d12	21.19

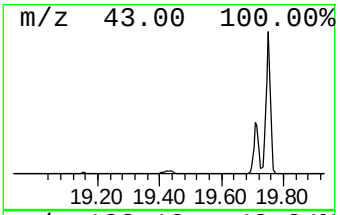
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	25
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	10
3	Quinoxaline, 2,3-dimethyl-	158	C10H10N2	002379-55-7	10
4	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	10
5	1-Dibenzofuranamine	183	C12H9NO	050548-40-8	9

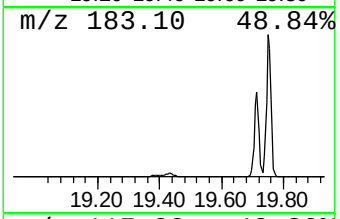


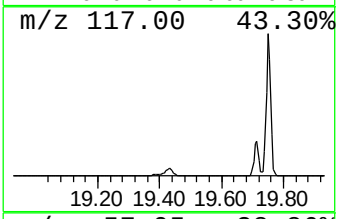


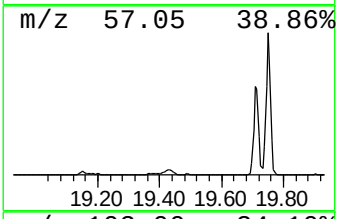


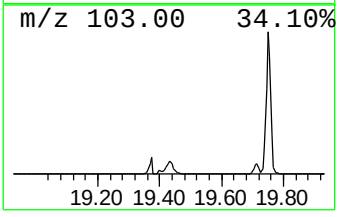












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Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

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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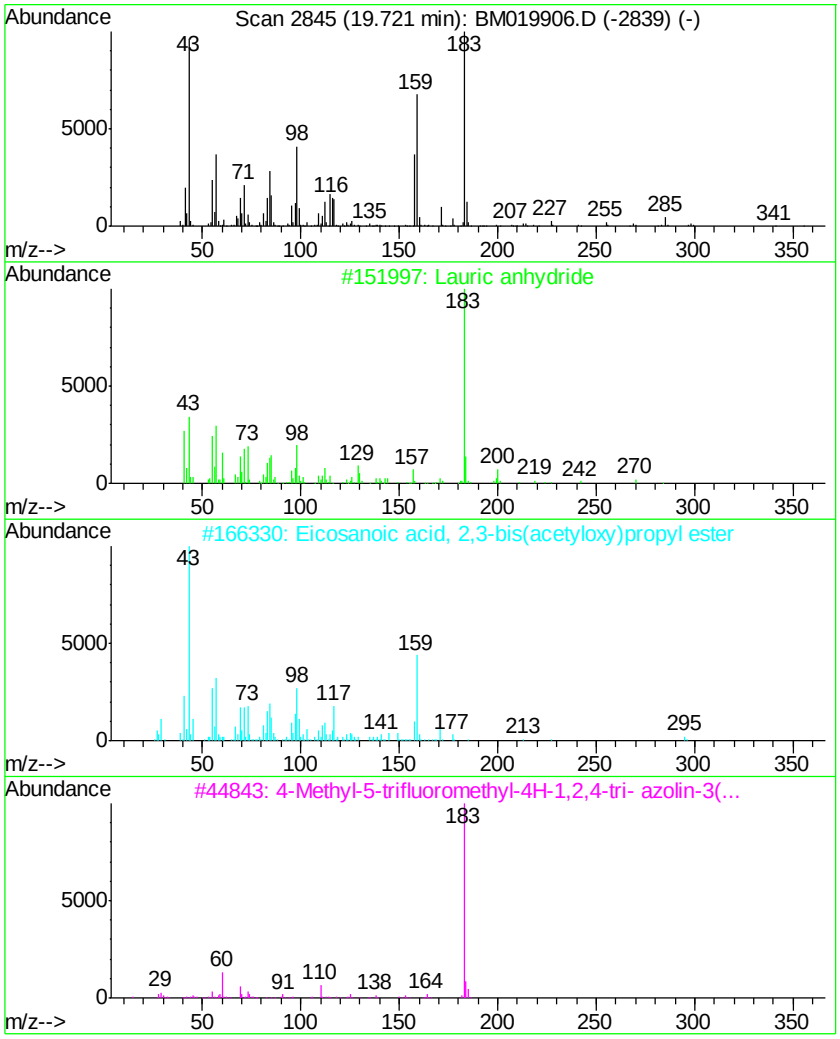
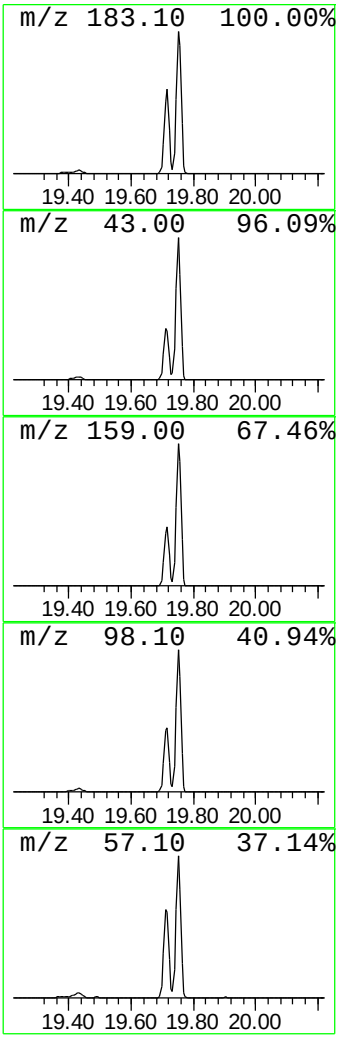
Peak Number 14 unknown-06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	52.15 ng/ul	3349320	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	35
2	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	32
3	4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	25
4	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	25
5	1-[(4-Chlorophenyl)sulfonyl]acet...	247	C9H10ClNO3S	1000266-17-1	22





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Sample : K2149-08
Misc :
ALS Vial : 3 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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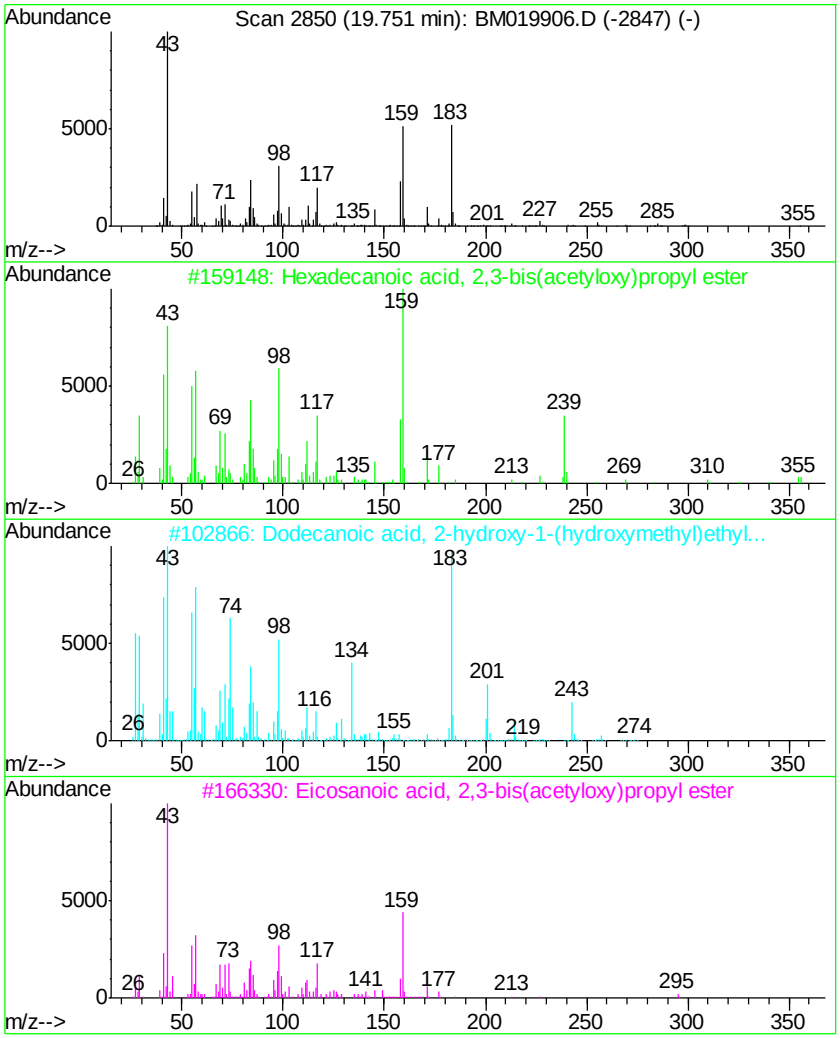
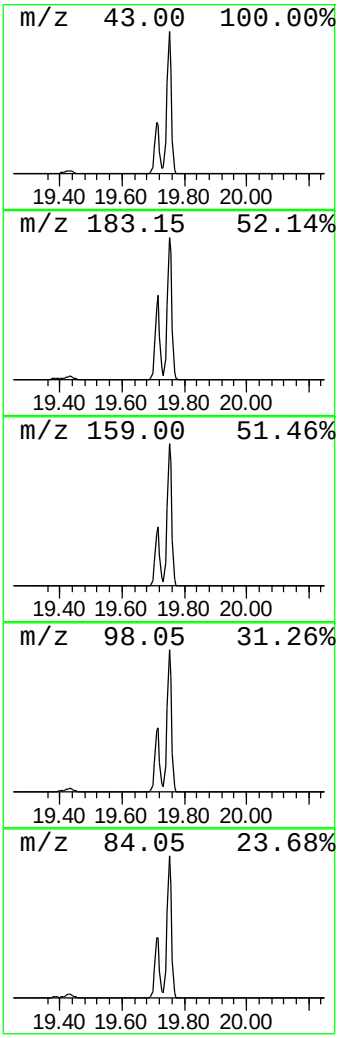
Peak Number 15 unknown-07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	104.93 ng/ul	6739300	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	38
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	16
4	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14
5	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	14





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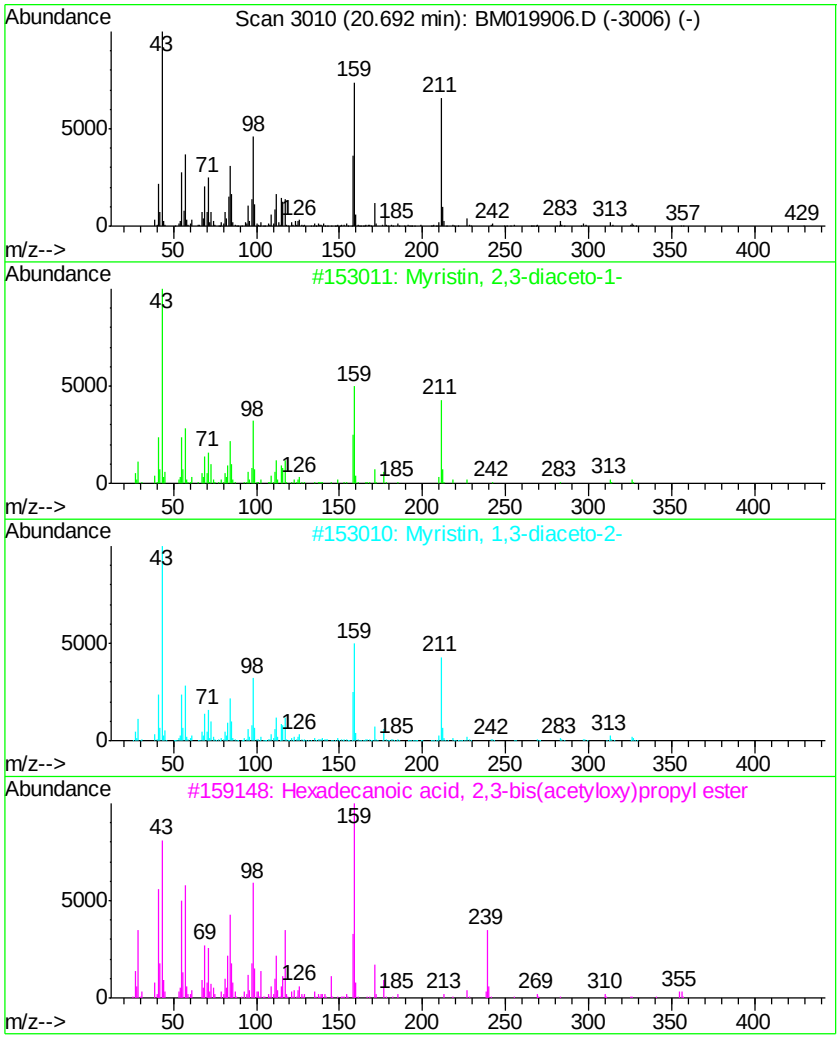
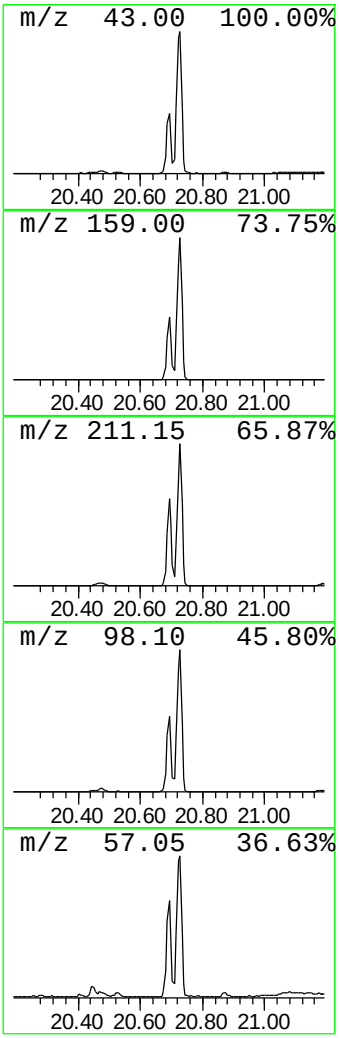
Peak Number 16 Myristin, 2,3-diaceto-1- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	21.07 ng/ul	1353170	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(acety...	414	C23H42O6	055268-70-7	68
4	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	38
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	22





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Sample : K2149-08
Misc :
ALS Vial : 3 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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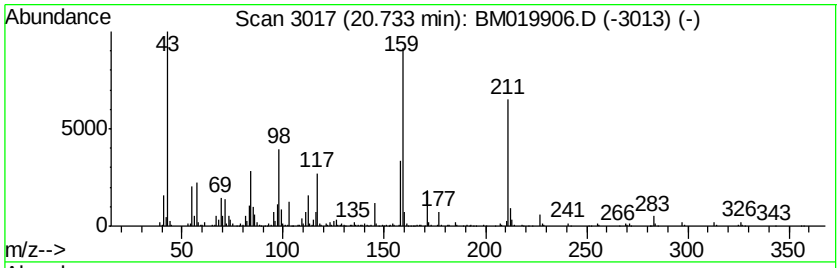
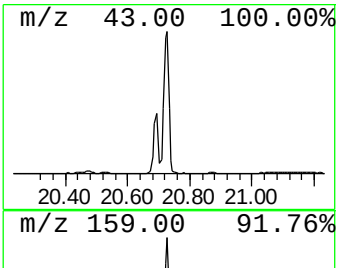
Peak Number 17 Myristin, 1,3-diaceto-2- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	39.95 ng/ul	2565550	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	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	83
4	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	70
5	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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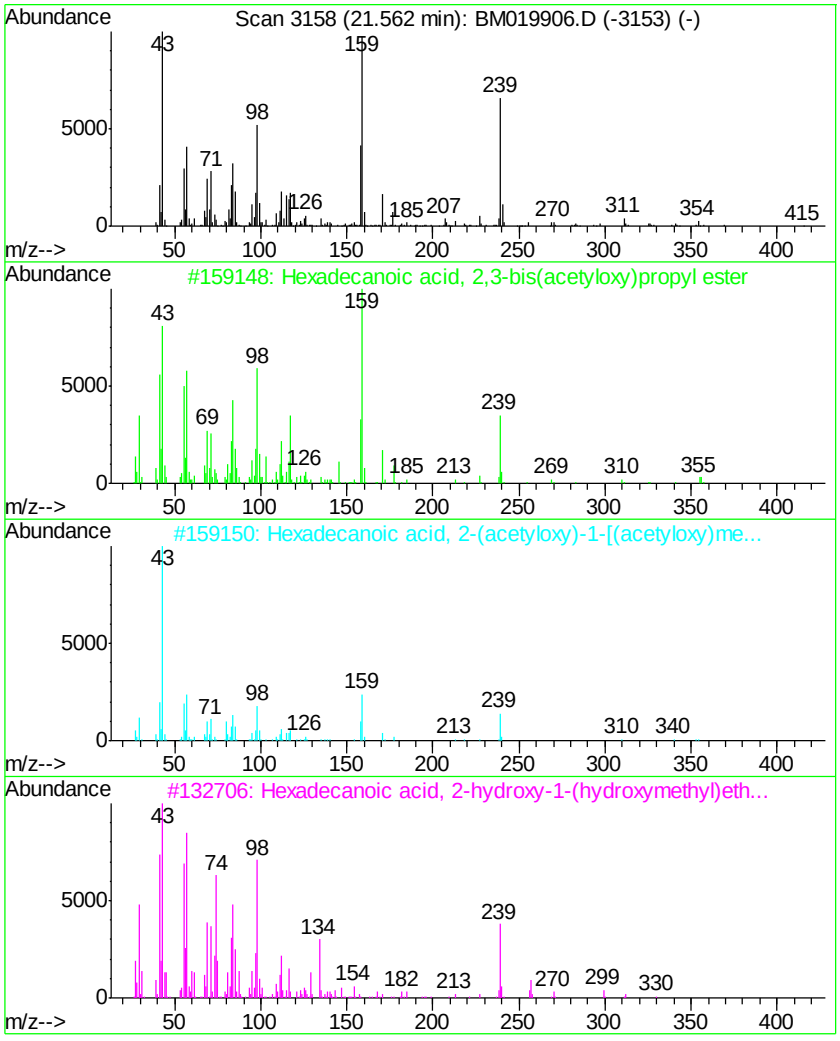
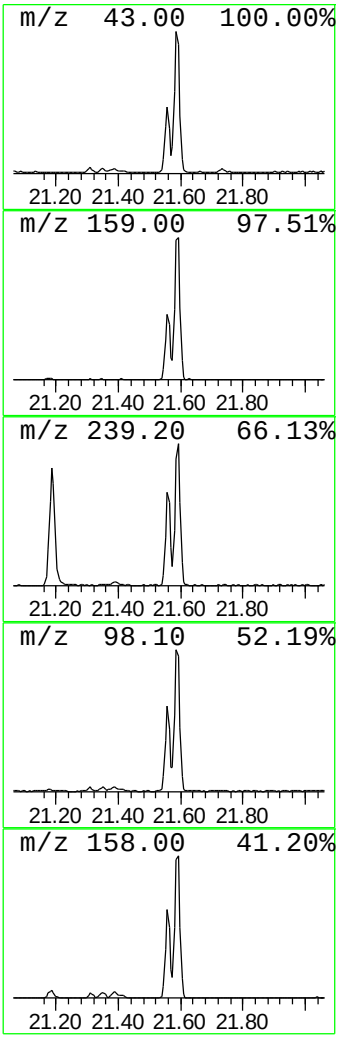
Peak Number 18 Hexadecanoic acid, 2,3-bis(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	12.48 ng/ul	801319	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	87
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	68
3	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	30
4	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	27
5	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	22





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Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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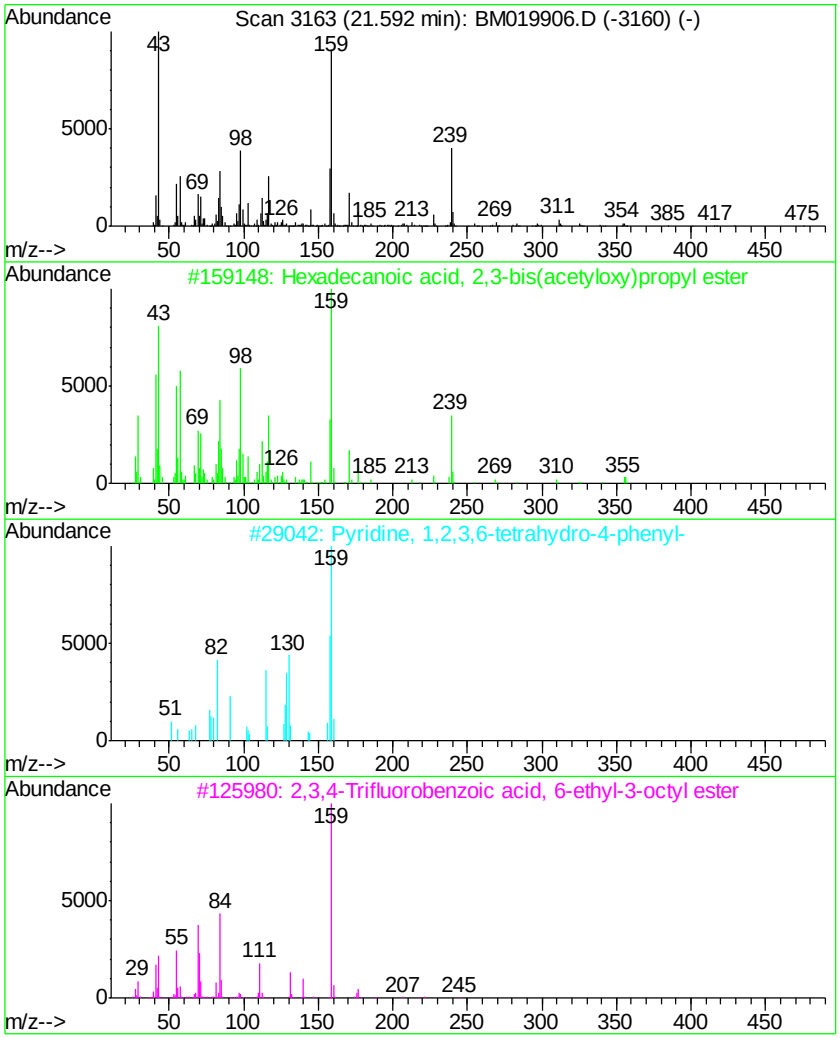
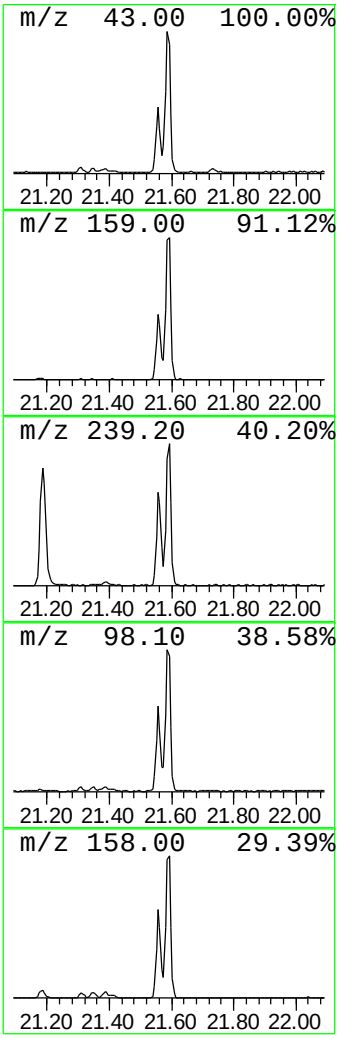
Peak Number 19 unknown-08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	21.74 ng/ul	1396400	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	70
2	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	35
3	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	27
4	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	25
5	2,3,4-Trifluorobenzoic acid, 4-p...	386	C22H33F3O2	1000280-62-3	25





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Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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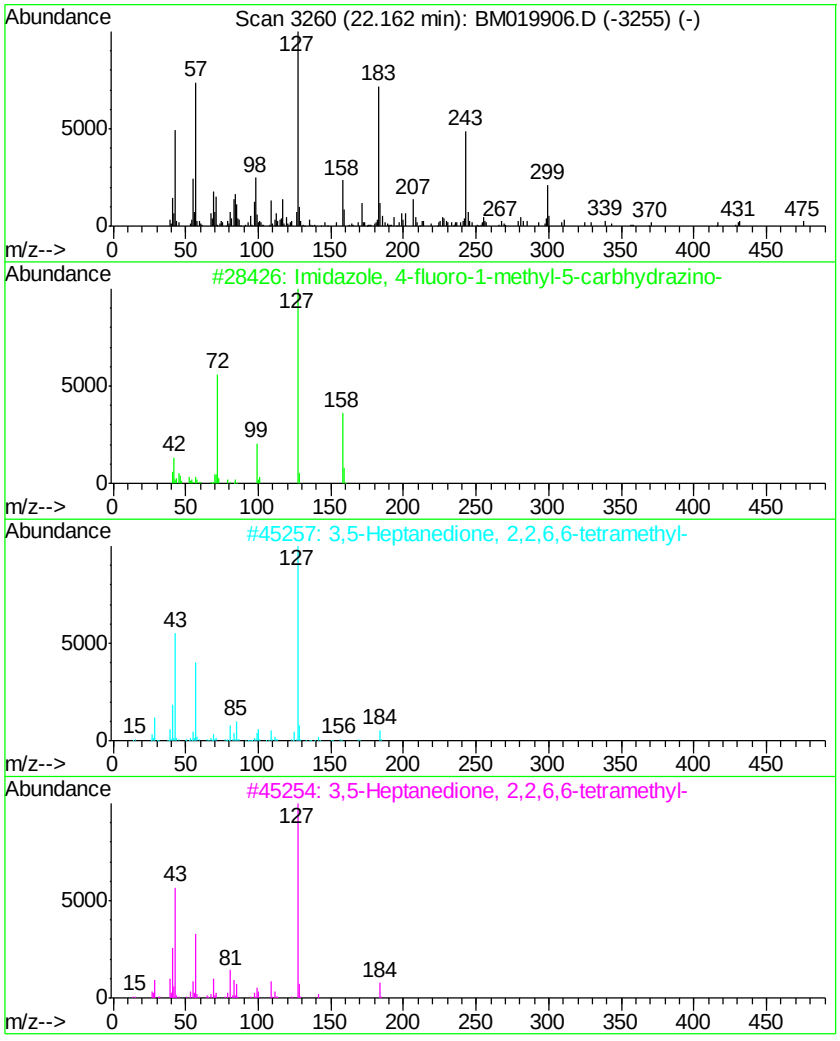
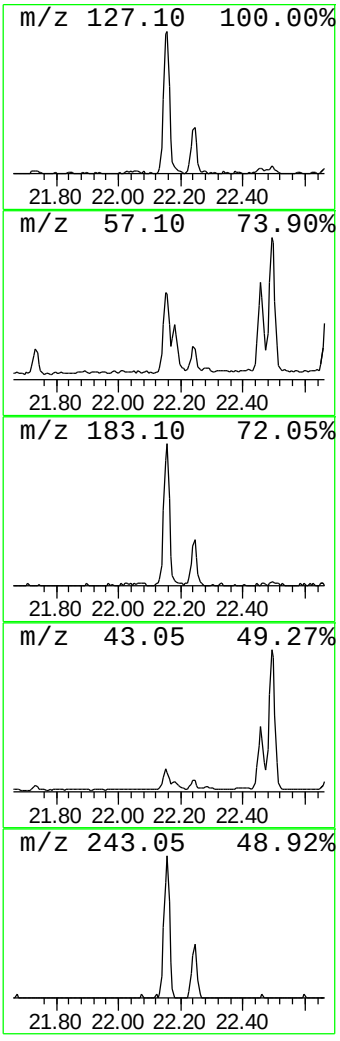
Peak Number 20 unknown-09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	5.45 ng/ul	350240	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 4-fluoro-1-methyl-5-c...	158	C5H7FN4O	1000129-57-0	27
2	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	25
3	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	25
4	3,5-Octanedione, 2,2,7-trimethyl-	184	C11H20O2	069725-37-7	22
5	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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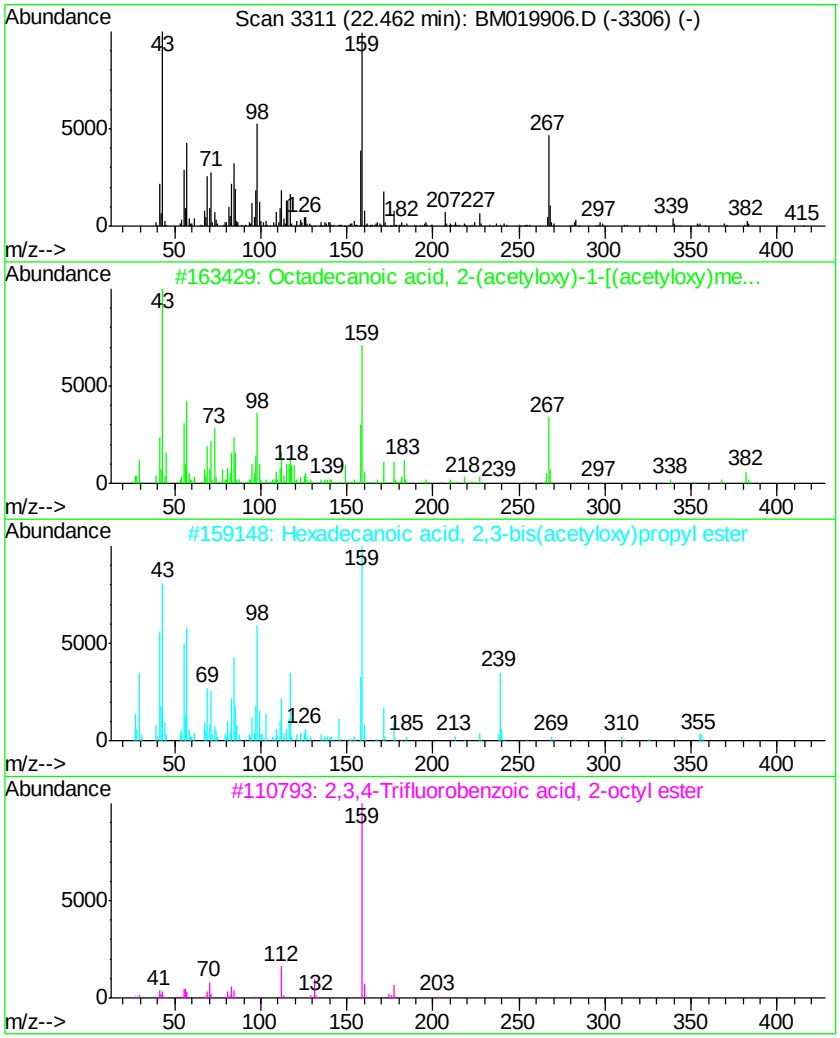
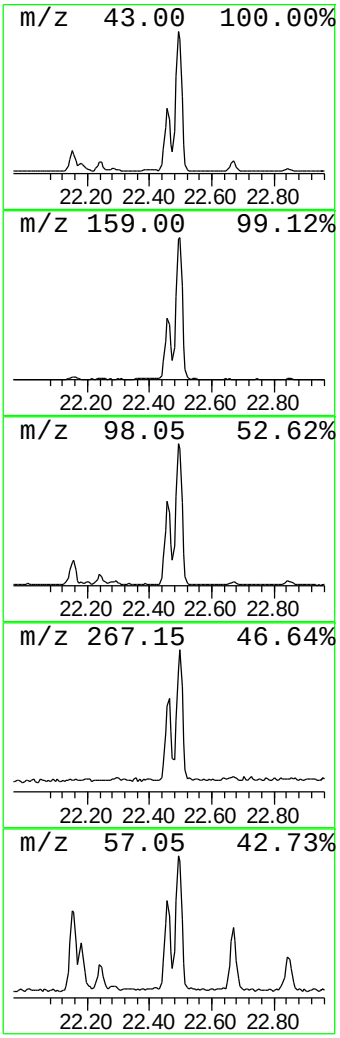
Peak Number 21 Octadecanoic acid, 2-(acety... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	10.73 ng/ul	751654	Perylene-d12	23.38

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	81
3	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	35
4	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	27
5	2,3,4-Trifluorobenzoic acid, oct...	288	C15H19F3O2	1000280-44-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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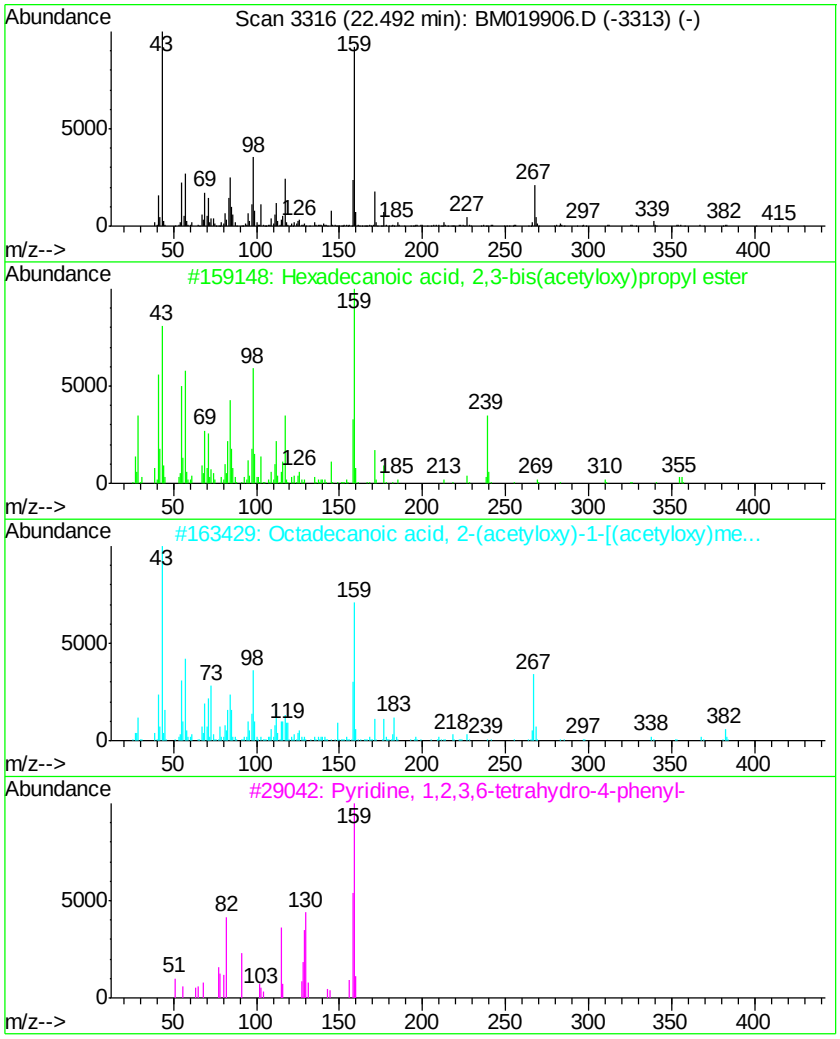
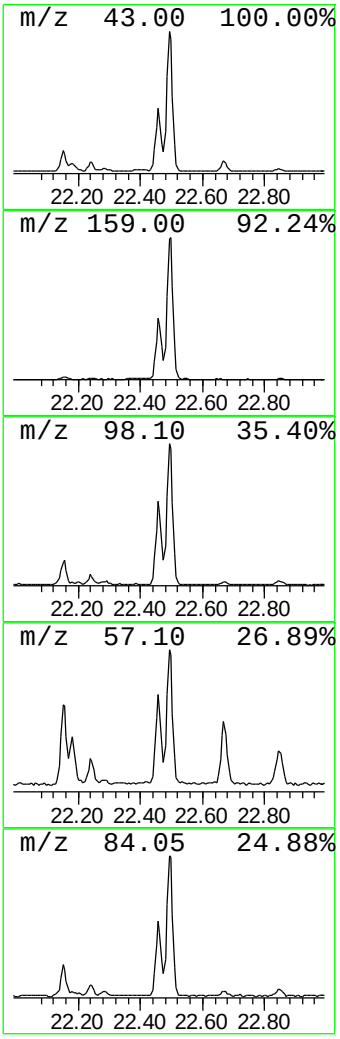
Peak Number 22 unknown-10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	21.07 ng/ul	1476170	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	62
2	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	47
3	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	35
4	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27
5	2,6-Difluorobenzoic acid, octade...	410	C25H40F2O2	1000292-39-7	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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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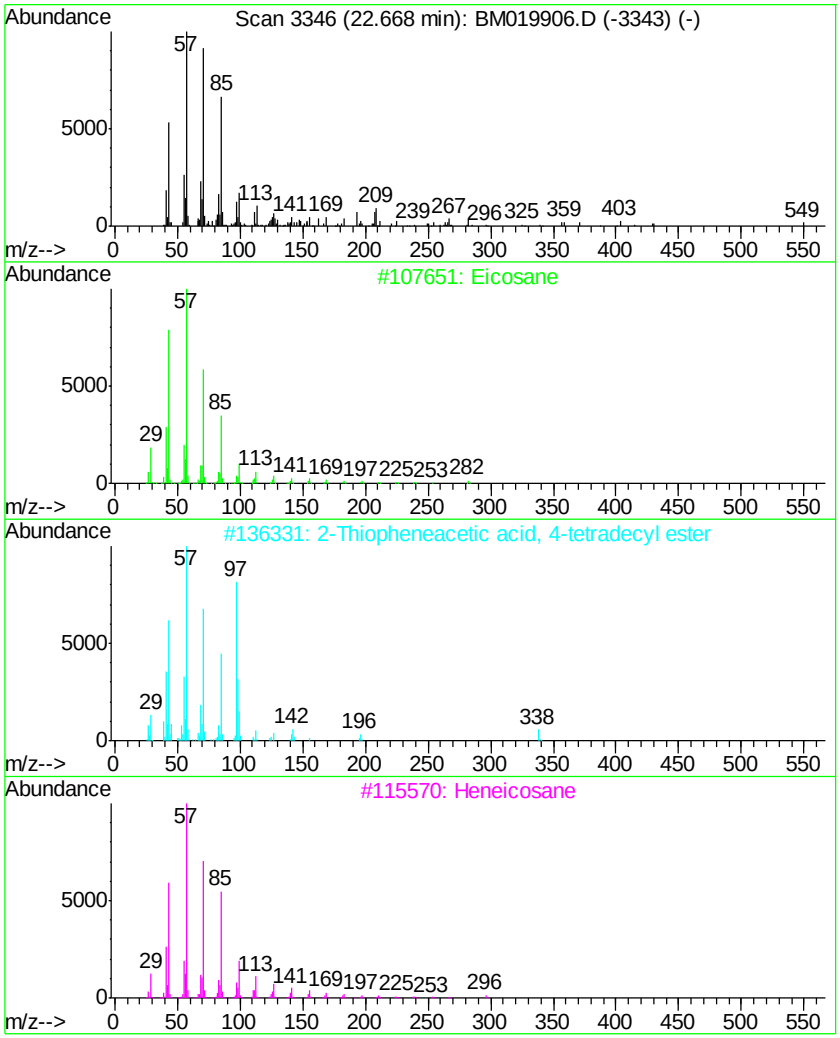
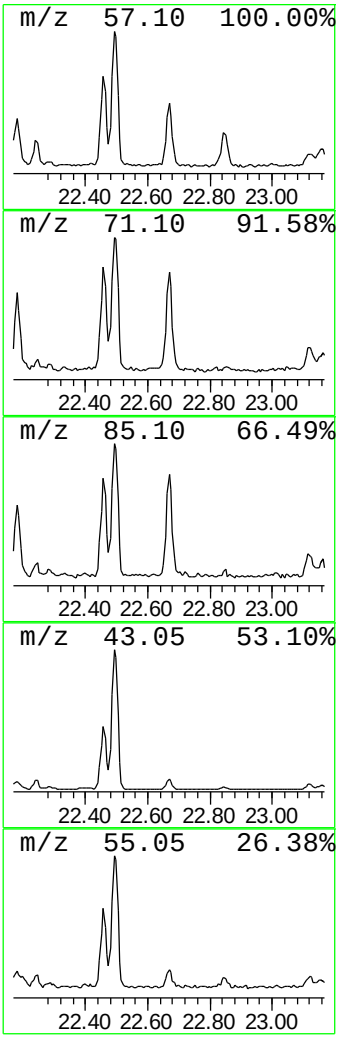
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.15 ng/ul	150823	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041219\
Data File : BM019906.D
Acq On : 12 Apr 2019 10:15
Operator : JU/SJ
Sample : K2149-08
Misc :
ALS Vial : 3 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	3.1	ng/ul	83318	1	7.54	537198	20.0
Vanillin	13.17	3.9	ng/ul	188997	3	14.20	964551	20.0
4H-Imidazol-4-one...	15.77	3.0	ng/ul	158209	4	16.97	1035860	20.0
Hexanoic acid, 4-...	15.83	6.3	ng/ul	323828	4	16.97	1035860	20.0
unknown-01	16.77	4.7	ng/ul	242629	4	16.97	1035860	20.0
unknown-02	17.25	25.4	ng/ul	1315230	4	16.97	1035860	20.0
unknown-03	17.30	51.1	ng/ul	2647550	4	16.97	1035860	20.0
7,9-Di-tert-butyl...	17.63	7.1	ng/ul	369110	4	16.97	1035860	20.0
n-Hexadecanoic acid	17.86	2.1	ng/ul	108509	4	16.97	1035860	20.0
Decanoic acid, 2-...	18.57	8.7	ng/ul	447967	4	16.97	1035860	20.0
unknown-04	18.62	17.3	ng/ul	897234	4	16.97	1035860	20.0
Octadecanoic acid	19.15	2.5	ng/ul	160427	5	21.19	1284500	20.0
unknown-05	19.43	4.6	ng/ul	292847	5	21.19	1284500	20.0
unknown-06	19.72	52.1	ng/ul	3349320	5	21.19	1284500	20.0
unknown-07	19.75	104.9	ng/ul	6739300	5	21.19	1284500	20.0
Myristin, 2,3-dia...	20.69	21.1	ng/ul	1353170	5	21.19	1284500	20.0
Myristin, 1,3-dia...	20.73	40.0	ng/ul	2565550	5	21.19	1284500	20.0
Hexadecanoic acid...	21.56	12.5	ng/ul	801319	5	21.19	1284500	20.0
unknown-08	21.59	21.7	ng/ul	1396400	5	21.19	1284500	20.0
unknown-09	22.16	5.5	ng/ul	350240	5	21.19	1284500	20.0
Octadecanoic acid...	22.46	10.7	ng/ul	751654	6	23.38	1401150	20.0
unknown-10	22.49	21.1	ng/ul	1476170	6	23.38	1401150	20.0
(DEL) Alkane: Str...	22.67	2.1	ng/ul	150823	6	23.38	1401150	20.0