LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019784.D
Acq On : 06 Apr 2019 12:11
Operator : JU/SJ
Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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	3.122	20	23	34	rVB2	19448	36810	0.66%	0.049%
2	3.946	159	163	166	rBV5	3783	6496	0.12%	0.009%
3	6.751	634	640	653	rBV	140505	288075	5.16%	0.381%
4	6.910	662	667	687	rBV	485620	855934	15.34%	1.132%
5	7.093	692	698	715	rVV	605764	1026467	18.40%	1.358%
6	7.557	771	777	789	rBV	494753	800422	14.35%	1.059%
7	8.275	893	899	915	rBV	455764	830237	14.88%	1.098%
8	8.728	969	976	995	rBV	631611	1102857	19.77%	1.459%
9	9.045	1026	1030	1040	rVB2	4908	10444	0.19%	0.014%
10	9.440	1090	1097	1111	rBV	543748	961435	17.23%	1.272%
11	9.975	1181	1188	1215	rBV	676223	1558569	27.93%	2.062%
12	10.334	1242	1249	1261	rBV	748612	1230563	22.06%	1.628%
13	11.057	1366	1372	1385	rVB3	6296	18143	0.33%	0.024%
14	11.904	1512	1516	1520	rBV3	6497	11696	0.21%	0.015%
15	11.951	1520	1524	1534	rVB4	8348	19297	0.35%	0.026%
16	13.639	1805	1811	1825	rBV	1727918	2462919	44.14%	3.258%
17	13.910	1850	1857	1876	rBV	2161670	3106348	55.68%	4.110%
18	14.216	1903	1909	1919	rBV2	1187758	1869097	33.50%	2.473%
19	14.298	1919	1923	1927	rVV	23129	30400	0.54%	0.040%
20	14.345	1927	1931	1936	rVB	11143	13592	0.24%	0.018%
21	14.504	1953	1958	1978	rBV3	54019	204466	3.66%	0.271%
22	14.651	1978	1983	1991	rVV2	94337	141559	2.54%	0.187%
23	14.910	2020	2027	2034	rVB3	82356	128920	2.31%	0.171%
24	14.980	2034	2039	2046	rVV	34683	51641	0.93%	0.068%
25	15.063	2046	2053	2059	rVB2	14887	24490	0.44%	0.032%
26	15.222	2074	2080	2093	rBV	2874379	4020597	72.06%	5.319%
27	15.374	2100	2106	2117	rBV	747725	1106251	19.83%	1.464%
28	15.463	2117	2121	2128	rVB	33855	50555	0.91%	0.067%
29	15.598	2140	2144	2151	rBV	44865	61240	1.10%	0.081%
30	15.792	2172	2177	2182	rBV	29212	37864	0.68%	0.050%
31	15.851	2182	2187	2194	rVB	60259	79625	1.43%	0.105%
32	16.010	2209	2214	2218	rBV3	8874	10584	0.19%	0.014%
33	16.386	2274	2278	2283	rBV4	12261	19479	0.35%	0.026%
34	16.574	2305	2310	2313	rVB2	11050	14893	0.27%	0.020%

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Sample : K2303-21
Misc :
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Instrument : BNA_M
ClientSampleId : BF8C0

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	16.792	2338	2347	2356	rBV3	26678	53347	0.96%	0.071%
36	16.927	2367	2370	2373	rBV	11217	12054	0.22%	0.016%
37	16.980	2373	2379	2389	rVV	1652300	2247634	40.28%	2.974%
38	17.080	2390	2396	2415	rVB2	3122142	4381249	78.53%	5.796%
39	17.268	2422	2428	2432	rBV	1631172	1879922	33.69%	2.487%
40	17.321	2432	2437	2442	rVB	3334242	3929696	70.43%	5.199%
41	17.457	2456	2460	2467	rVB5	6692	12070	0.22%	0.016%
42	17.645	2484	2492	2498	rBV	1852338	2239587	40.14%	2.963%
43	17.763	2505	2512	2517	rBV	261784	313079	5.61%	0.414%
44	17.874	2525	2531	2540	rBV	137823	229387	4.11%	0.303%
45	17.951	2542	2544	2550	rVB2	9731	14953	0.27%	0.020%
46	18.098	2562	2569	2584	rBV	2234158	3490223	62.56%	4.618%
47	18.215	2585	2589	2597	rVV	102913	206758	3.71%	0.274%
48	18.292	2598	2602	2608	rVB2	69663	92415	1.66%	0.122%
49	18.380	2615	2617	2621	rBV5	5323	7474	0.13%	0.010%
50	18.592	2648	2653	2656	rBV	444467	520037	9.32%	0.688%
51	18.633	2656	2660	2673	rVV	978322	1149246	20.60%	1.520%
52	18.739	2676	2678	2683	rVB6	7694	9968	0.18%	0.013%
53	18.962	2709	2716	2720	rBV	61561	75631	1.36%	0.100%
54	19.021	2722	2726	2738	rVV3	38762	71473	1.28%	0.095%
55	19.162	2746	2750	2765	rBV	210215	383206	6.87%	0.507%
56	19.280	2765	2770	2777	rVB2	78876	118161	2.12%	0.156%
57	19.392	2782	2789	2794	rBV	4148894	5579417	100.00%	7.382%
58	19.451	2794	2799	2806	rVB2	376502	626779	11.23%	0.829%
59	19.727	2841	2846	2849	rBV	2161700	2411811	43.23%	3.191%
60	19.762	2849	2852	2857	rVB	4451337	4808616	86.18%	6.362%
61	20.180	2919	2923	2926	rBV	49007	51097	0.92%	0.068%
62	20.462	2968	2971	2972	rBV	38268	37943	0.68%	0.050%
63	20.492	2973	2976	2981	rVB2	60248	82666	1.48%	0.109%
64	20.703	3008	3012	3014	rBV	968185	964582	17.29%	1.276%
65	20.739	3014	3018	3022	rVB	1811507	1980951	35.50%	2.621%
66	21.186	3089	3094	3103	rBV	2106271	2891058	51.82%	3.825%
67	21.321	3114	3117	3120	rBV	74089	81566	1.46%	0.108%
68	21.356	3121	3123	3126	rVV3	36279	40104	0.72%	0.053%
69	21.568	3155	3159	3161	rBV	567298	588265	10.54%	0.778%
70	21.598	3161	3164	3171	rVB	1100159	1168484	20.94%	1.546%
71	21.745	3186	3189	3194	rBV	86865	98361	1.76%	0.130%

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Misc :
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Instrument : BNA_M
ClientSampleId : BF8C0

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	22.168	3257	3261	3263	rBV	206785	250972	4.50%	0.332%
73	22.192	3263	3265	3272	rVB2	144668	206638	3.70%	0.273%
74	22.468	3308	3312	3315	rBV	433503	571798	10.25%	0.756%
75	22.509	3315	3319	3330	rVB	888869	1230159	22.05%	1.628%
76	22.686	3345	3349	3358	rVB	196371	288369	5.17%	0.382%
77	23.250	3437	3445	3458	rVB2	2778623	5197114	93.15%	6.876%
78	23.392	3462	3469	3479	rVB2	1349660	2470753	44.28%	3.269%
79	23.850	3543	3547	3554	rVB	189171	327883	5.88%	0.434%

Sum of corrected areas: 75584921

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
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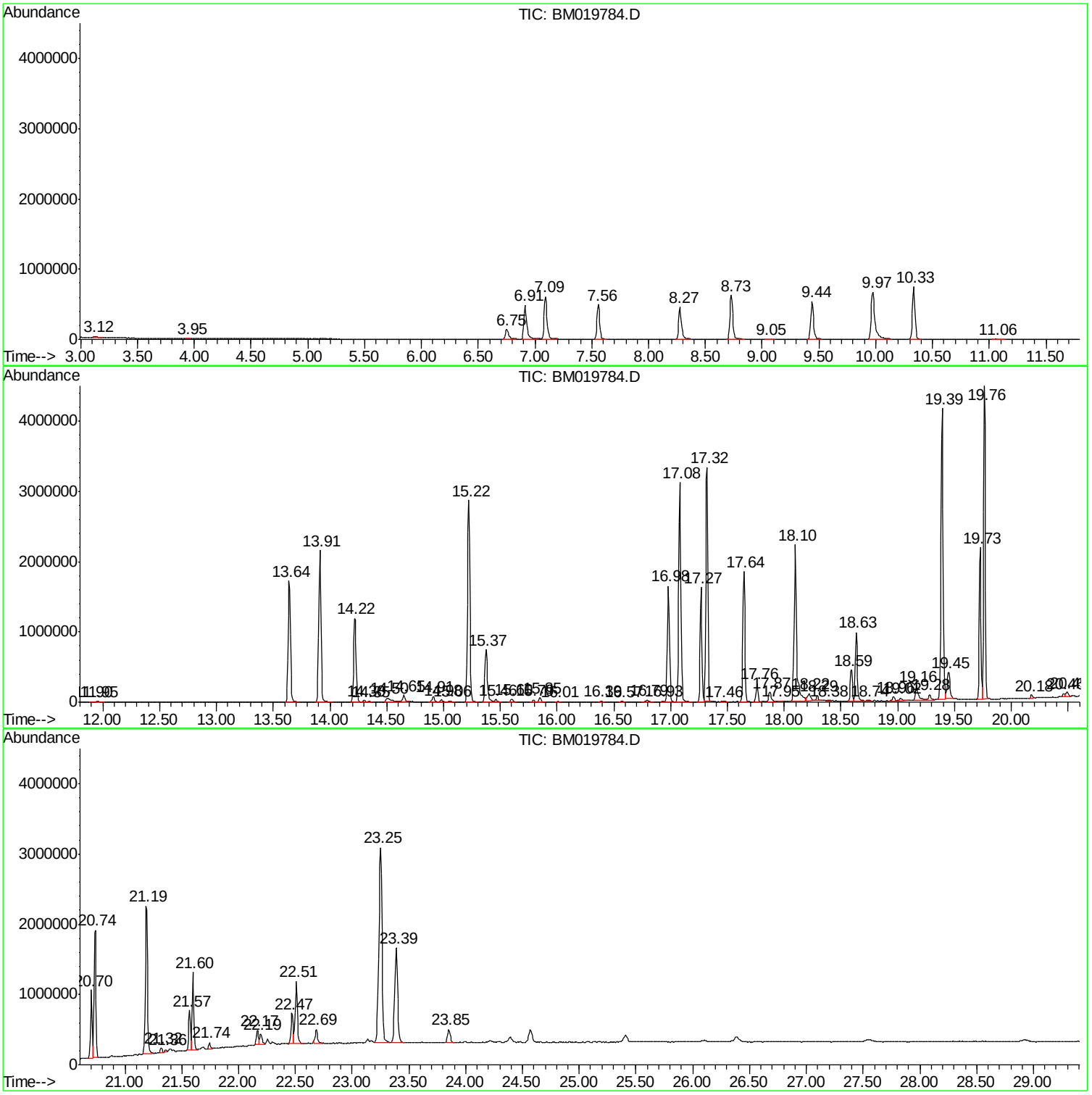
Instrument :
BNA_M
ClientSampleId :
BF8C0

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\BM040519\
Data File : BM019784.D
Acq On : 06 Apr 2019 12:11
Operator : JU/SJ
Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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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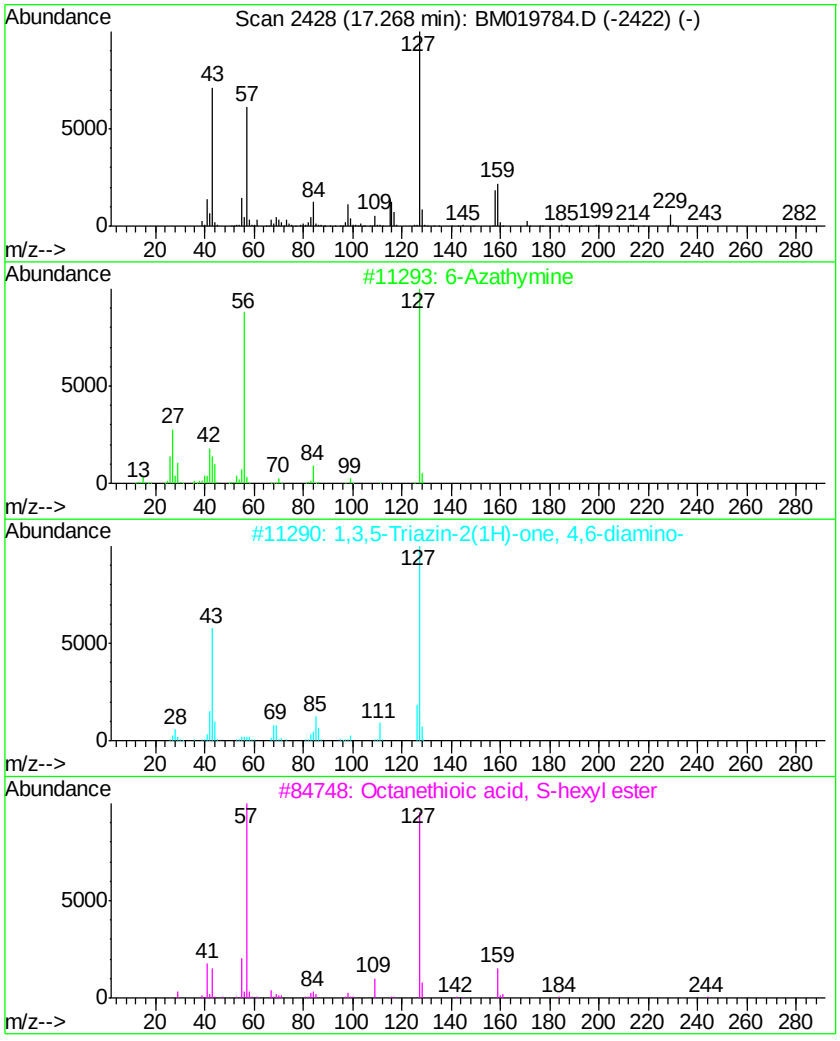
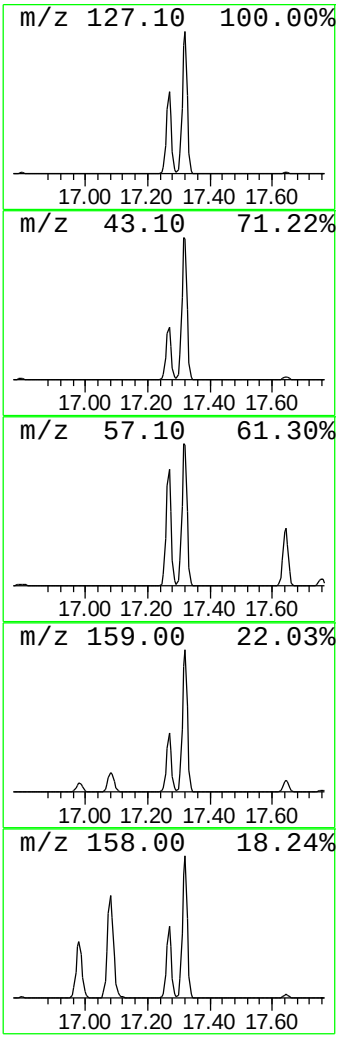
Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	16.73 ng/ul	1879920	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Azathymine	127	C4H5N3O2	000932-53-6	43
2	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	43
3	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	40
4	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	38
5	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	37





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Data File : BM019784.D
Acq On : 06 Apr 2019 12:11
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Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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

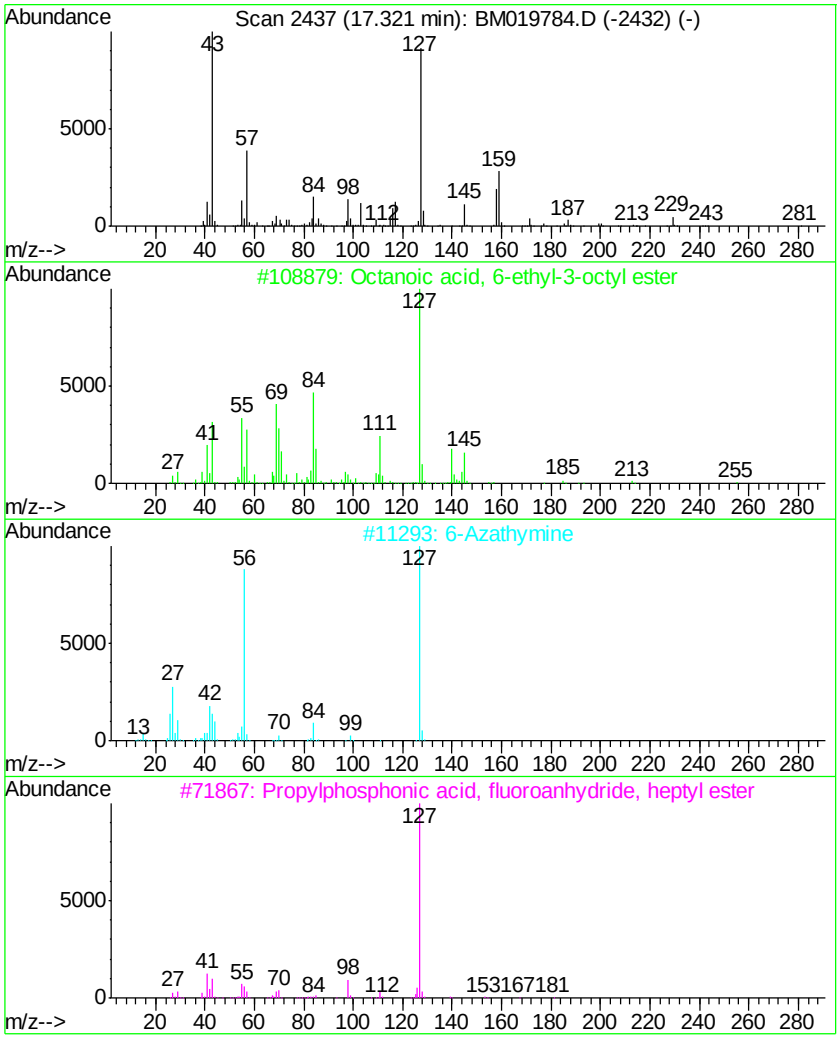
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

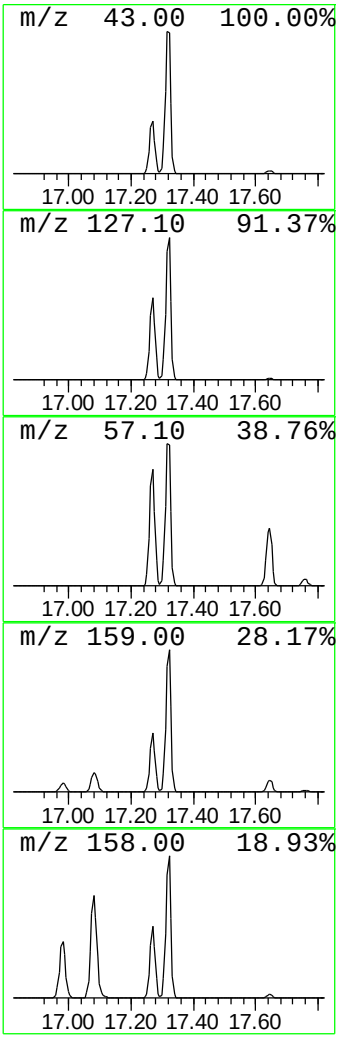
****

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	34.97 ng/ul	3929700	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 6-ethyl-3-octyl e...	284	C18H36O2	1000282-67-8	43
2	6-Azathymine	127	C4H5N3O2	000932-53-6	38
3	Propylphosphonic acid, fluoroanh...	224	C10H22FO2P	333416-19-6	32
4	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	32
5	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019784.D
Acq On : 06 Apr 2019 12:11
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Misc :
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Instrument : BNA_M
ClientSampleId : BF8C0

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

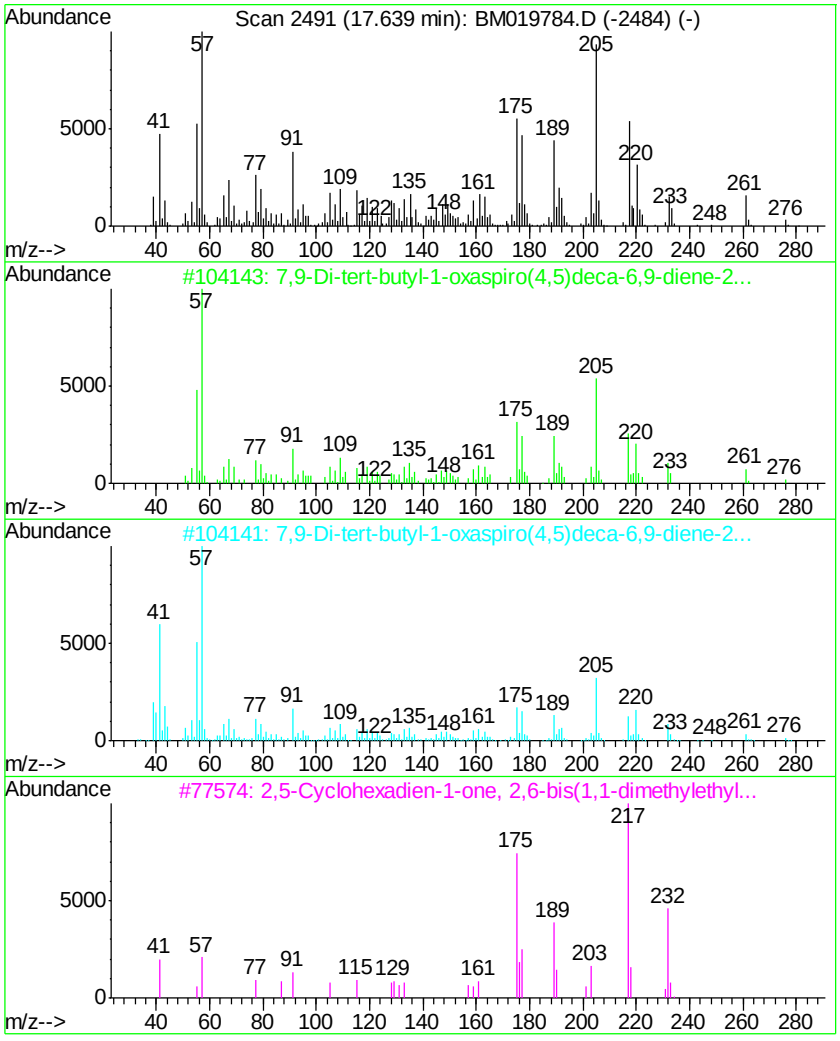
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

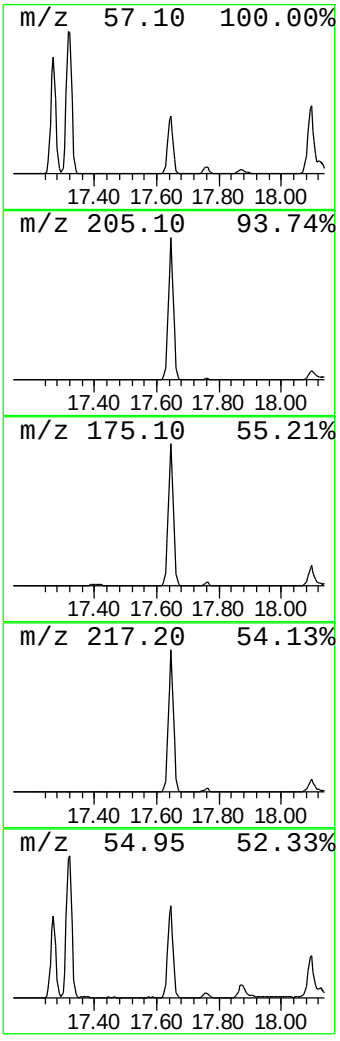
****

Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	19.93 ng/ul	2239590	Phenanthrene-d10	16.98

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	98
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	86
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46





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Quant Title : SVOA CALIBRATION

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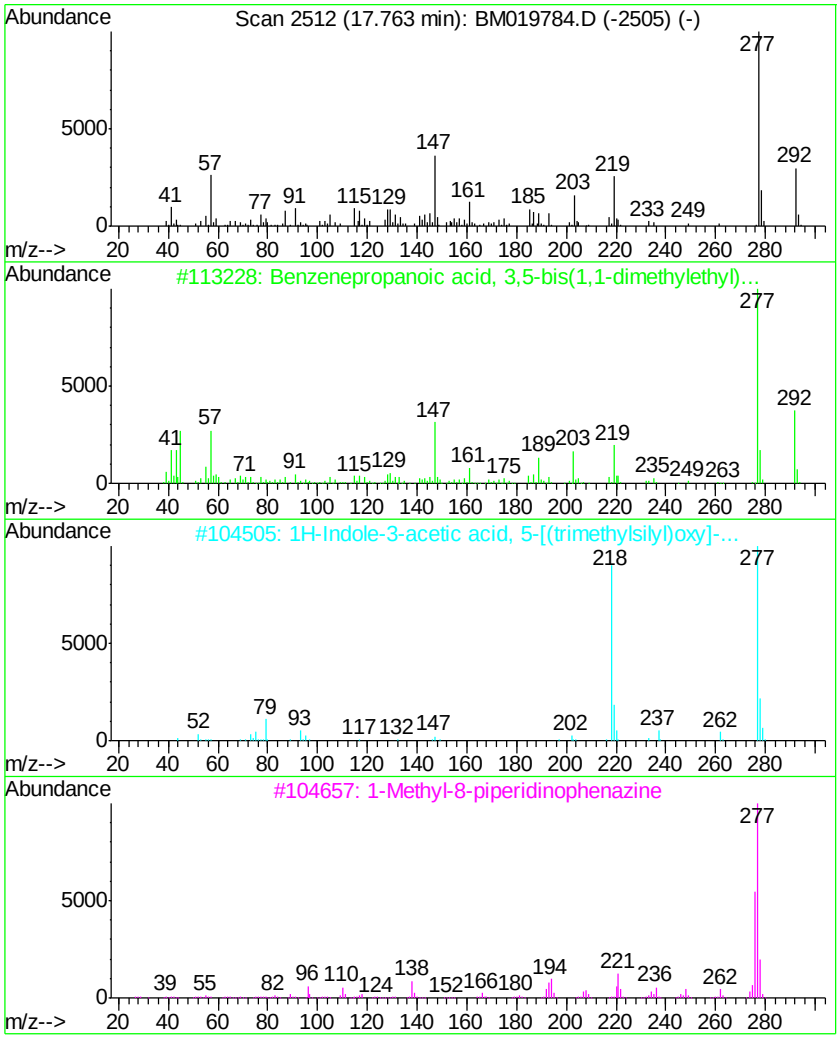
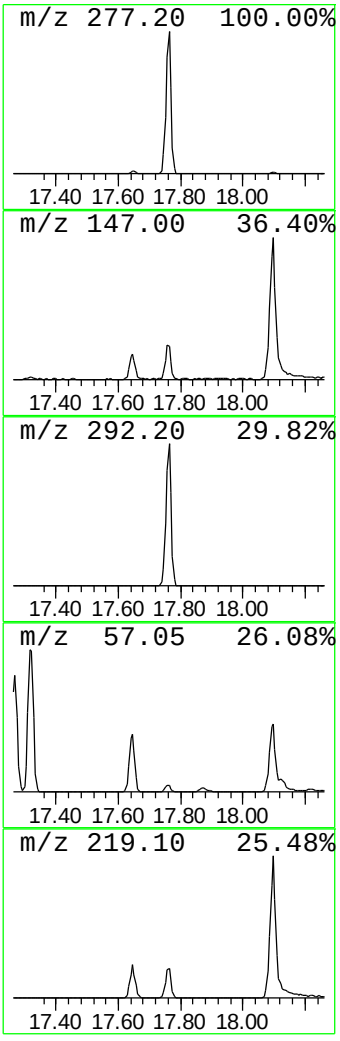
Peak Number 4 Benzenepropanoic acid, 3,5-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.79 ng/ul	313079	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, 3,5-bis(1...	292	C18H28O3	006386-38-5	93
2	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	43
3	1-Methyl-8-piperidinophenazine	277	C18H19N3	021942-85-8	38
4	2-Propenoic acid, 2-cyano-3-(3-p...	277	C18H15NO2	1000080-00-3	38
5	8-(2,5-DIMETHYLANILINO)NAPHTHO-1...	277	C18H15NO2	1000058-06-6	38





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Instrument : BNA_M
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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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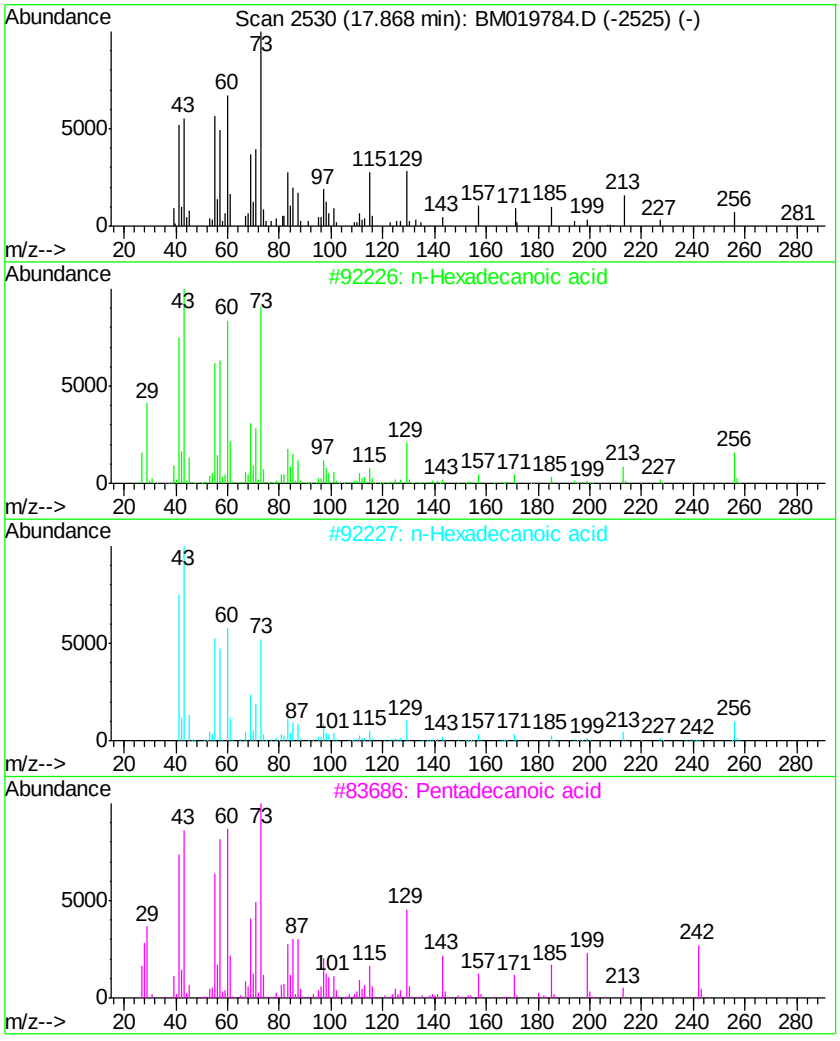
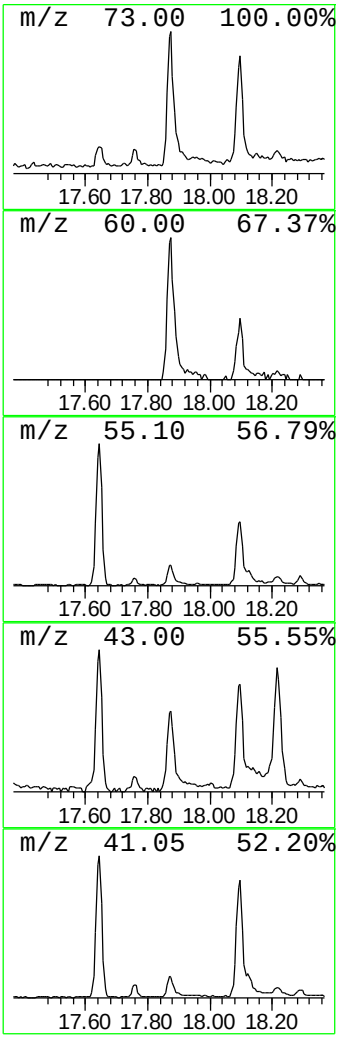
Peak Number 5 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.04 ng/ul	229387	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	47





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Instrument : BNA_M
ClientSampleId : BF8C0

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Quant Title : SVOA CALIBRATION

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

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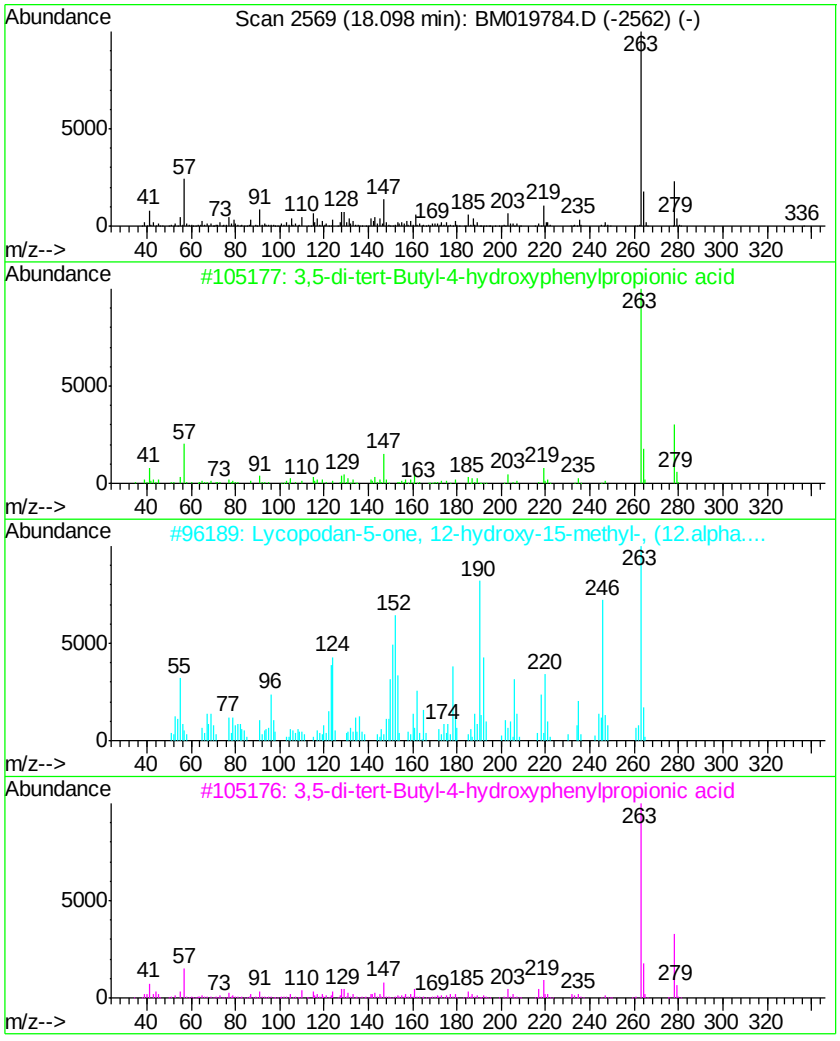
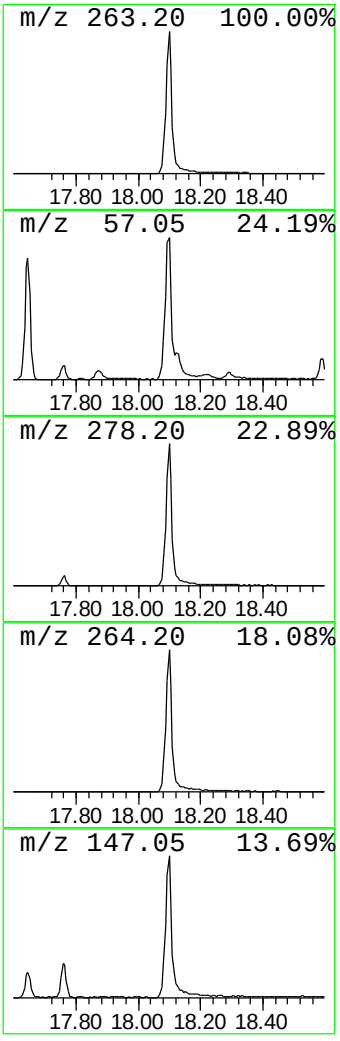
Peak Number 6 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	31.06 ng/ul	3490220	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	96
2	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	91
3	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	62
4	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	59
5	2-(4-Methoxy-phenyl)-1H-1,3a,8-t...	263	C16H13N3O	036289-23-3	53





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Acq On : 06 Apr 2019 12:11
Operator : JU/SJ
Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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Quant Title : SVOA CALIBRATION

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

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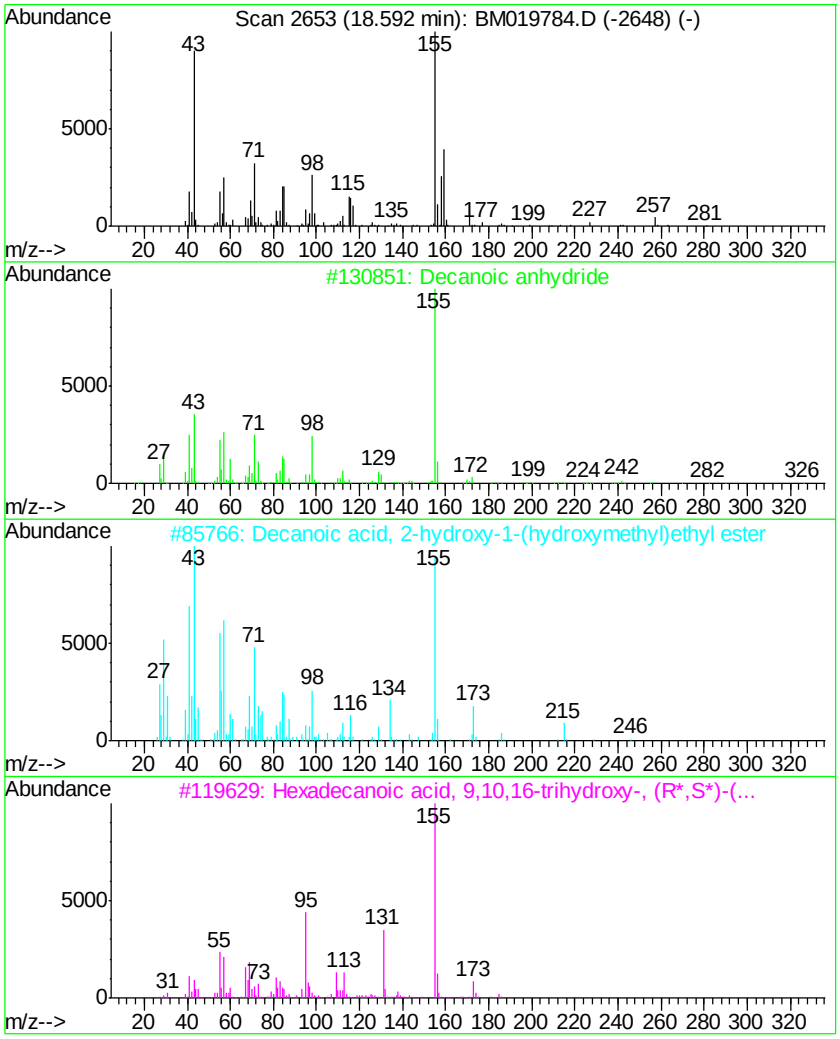
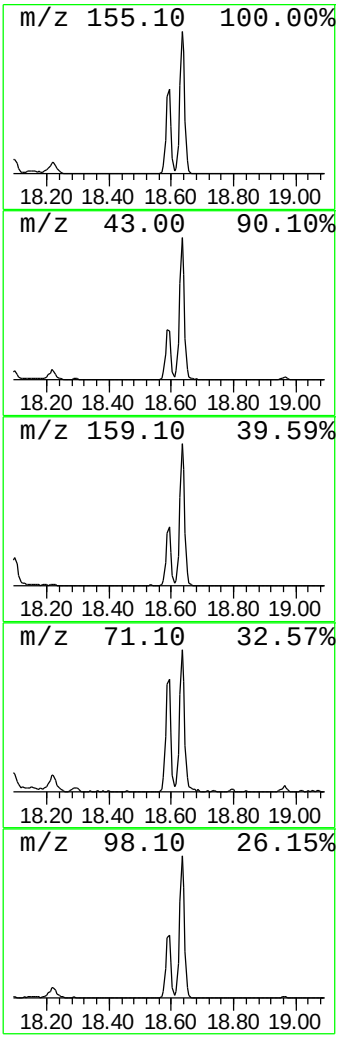
Peak Number 7 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	4.63 ng/ul	520037	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	47
2	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	42
3	Hexadecanoic acid, 9,10,16-trihy...	304	C16H32O5	000533-87-9	22
4	4-t-Butyl-1-(1-methylallyl)cyclo...	210	C14H26O	075724-19-5	22
5	9-Hydroxypentadecanoic acid, met...	272	C16H32O3	067401-19-8	17





Library Search Compound Report

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Operator : JU/SJ
Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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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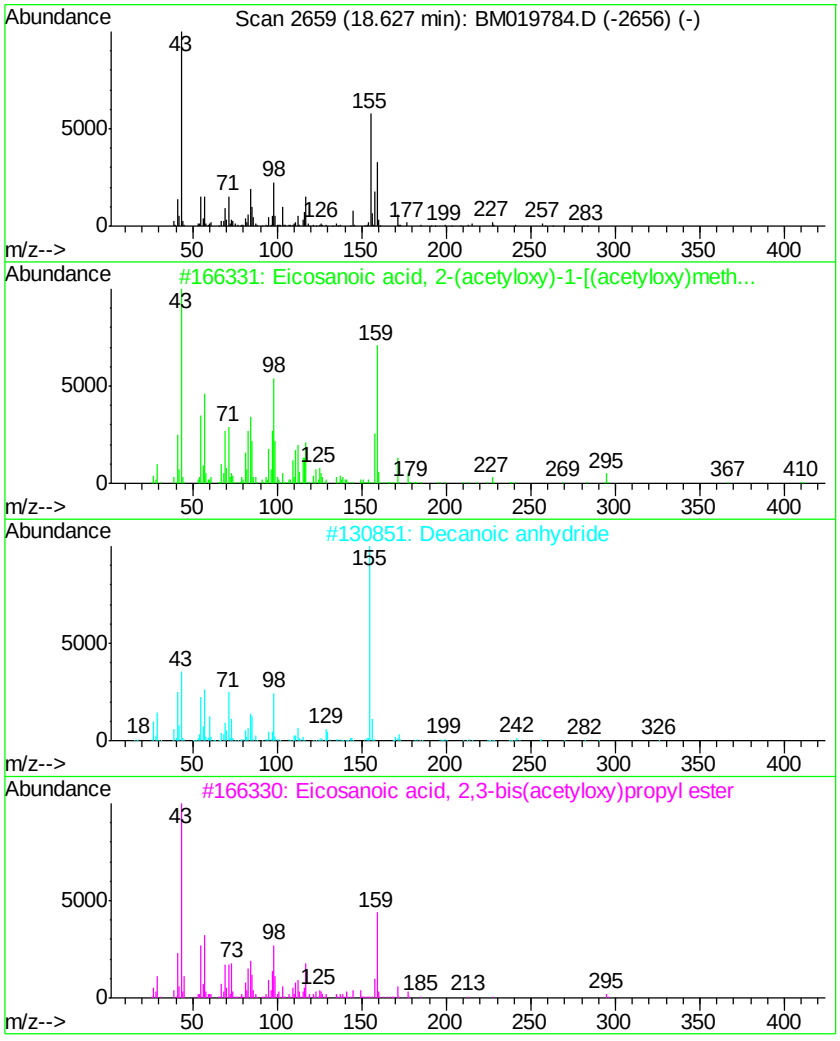
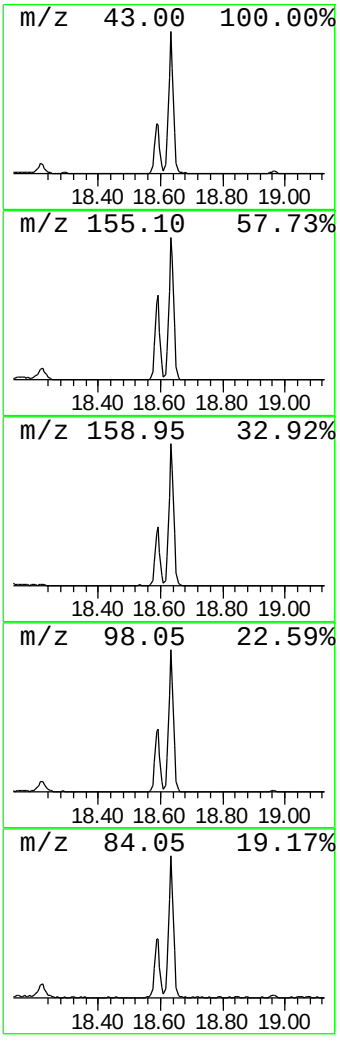
Peak Number 8 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	10.23 ng/ul	1149250	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	32
2	Decanoic anhydride	326	C20H38O3	002082-76-0	32
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	25
4	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	23
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	14





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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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Quant Title : SVOA CALIBRATION

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

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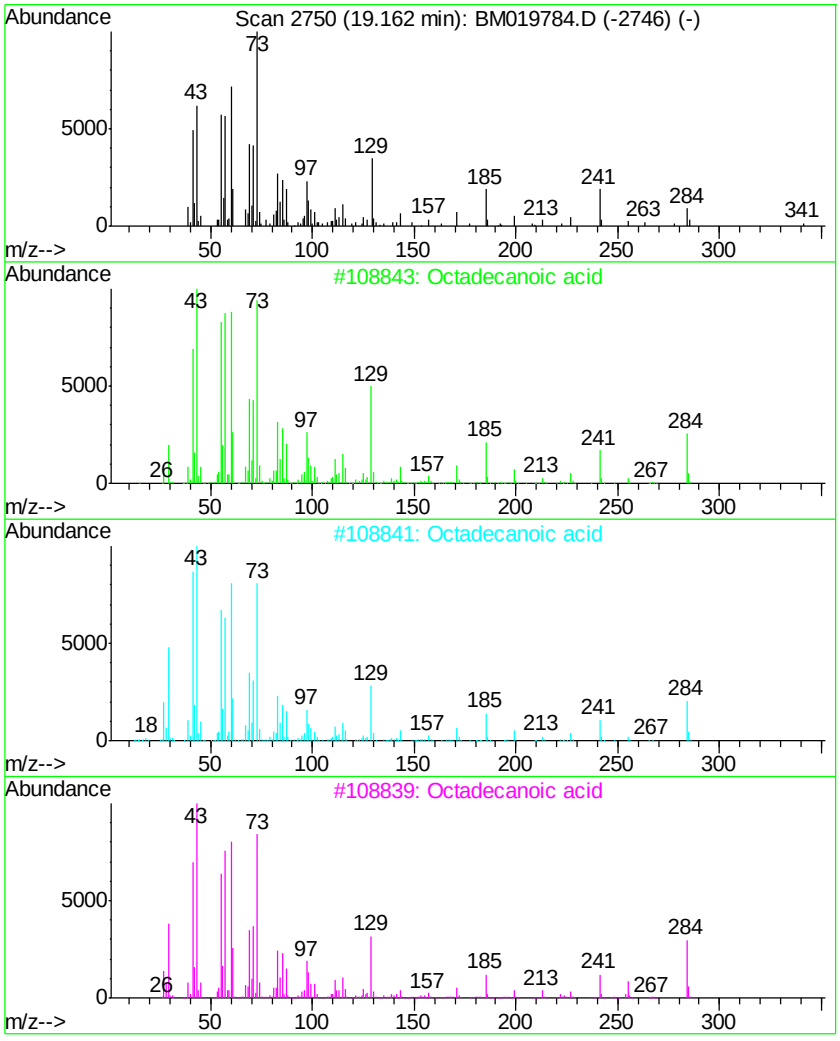
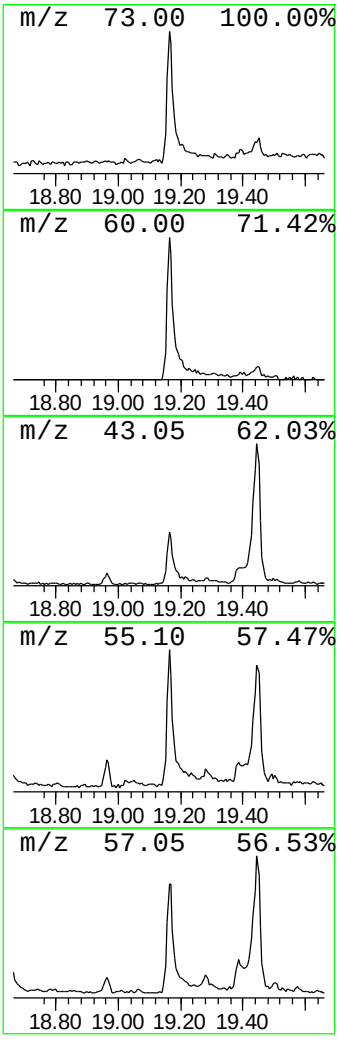
Peak Number 9 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.65 ng/ul	383206	Chrysene-d12	21.19

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Sample : K2303-21
Misc :
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Instrument : BNA_M
ClientSampleId : BF8C0

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Quant Title : SVOA CALIBRATION

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

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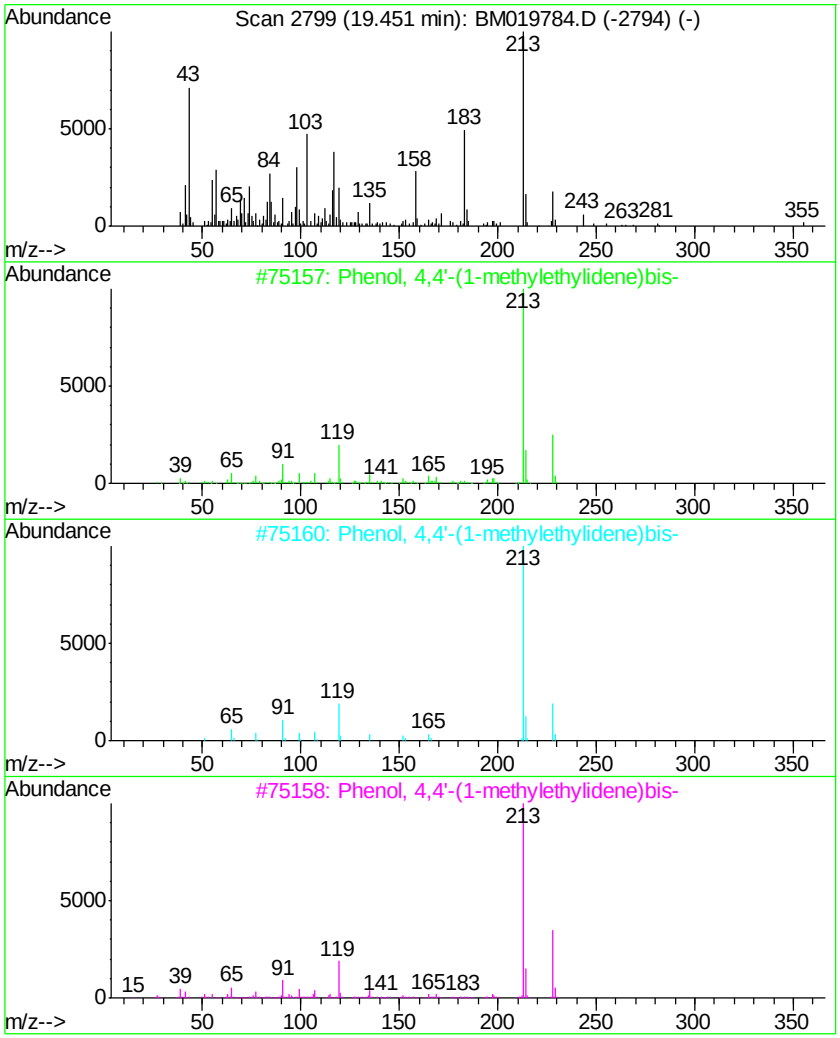
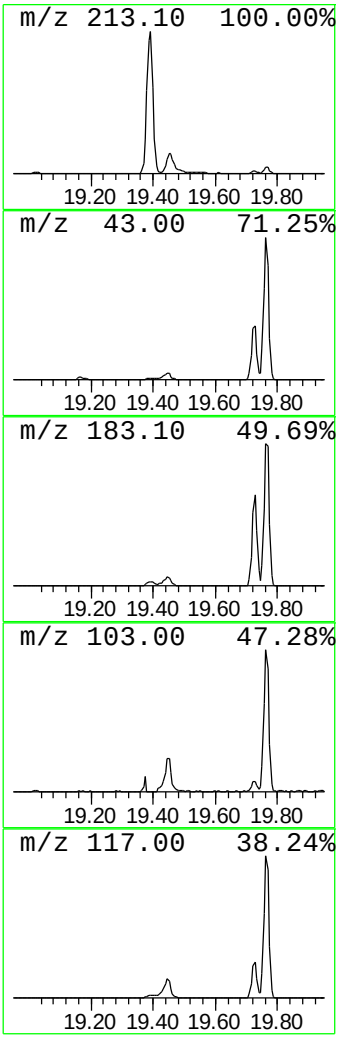
Peak Number 10 Phenol, 4,4'-(1-methylethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	4.34 ng/ul	626779	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	86
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	83
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	42
4	Benzene, pentafluoronitro-	213	C6F5NO2	000880-78-4	37
5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	27





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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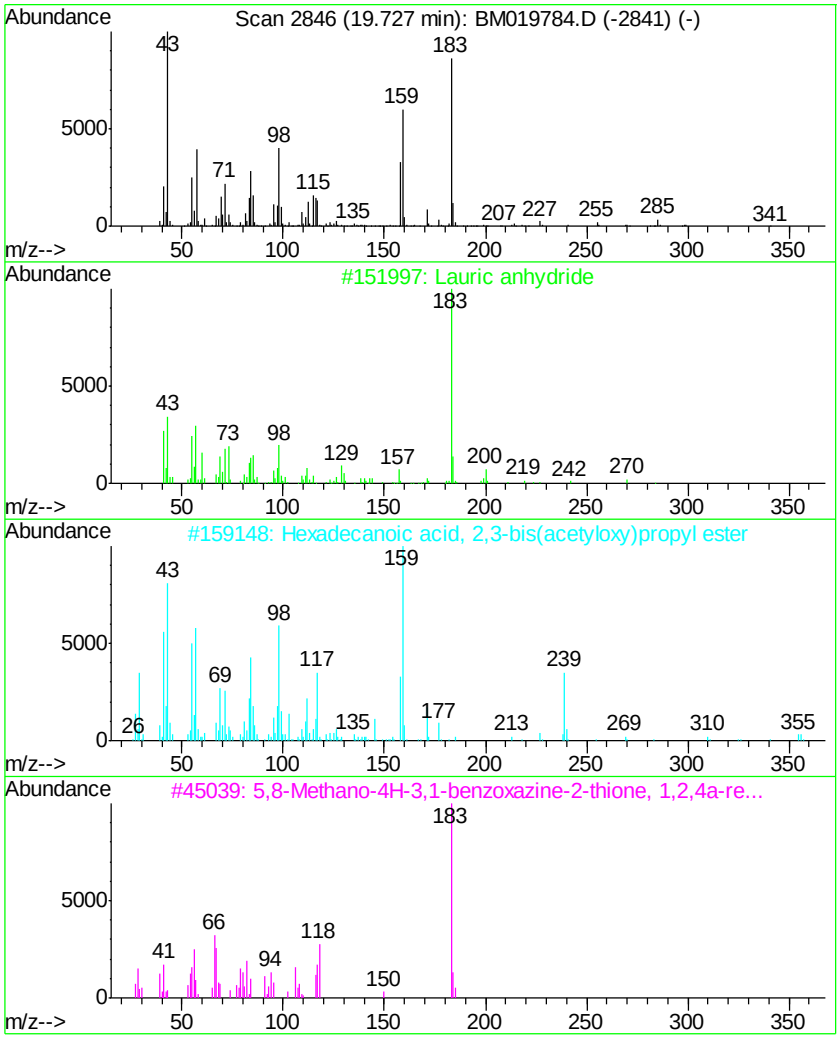
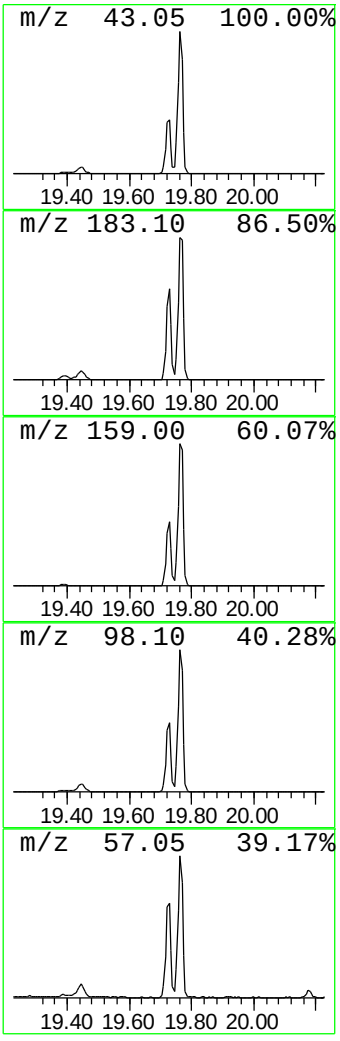
Peak Number 11 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	16.68 ng/ul	2411810	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	38
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	37
3	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	27
4	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	25
5	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25





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Instrument : BNA_M
ClientSampleId : BF8C0

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Quant Title : SVOA CALIBRATION

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

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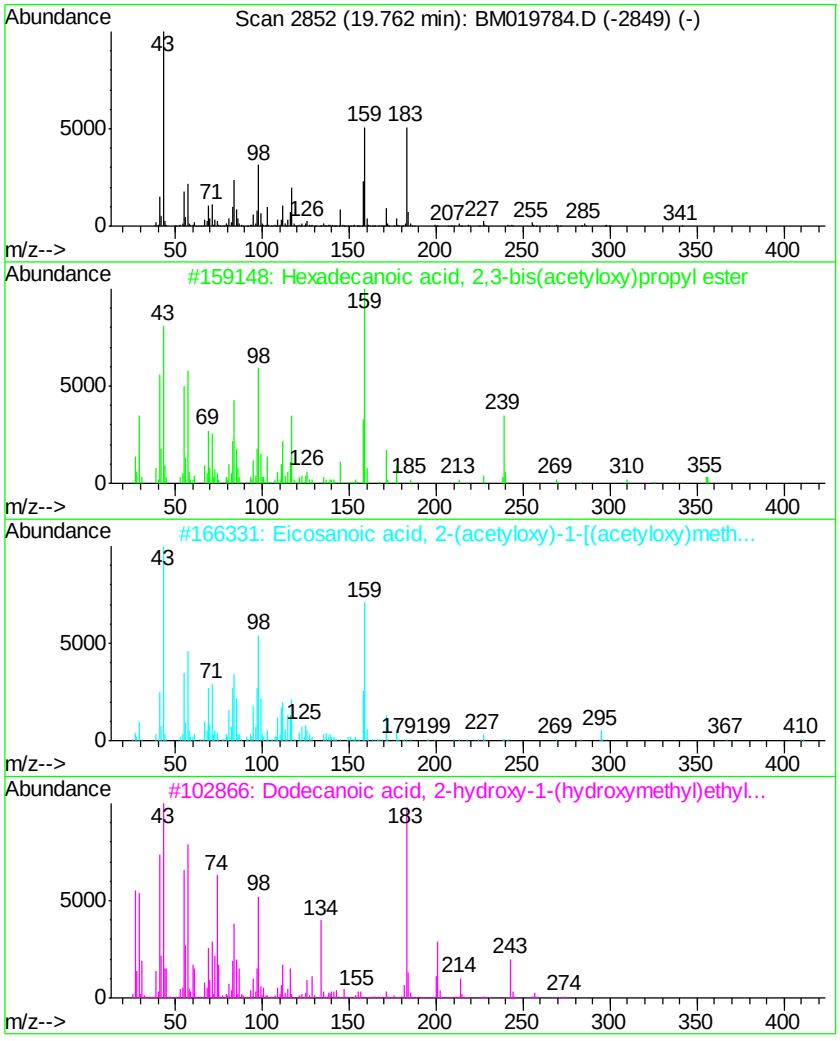
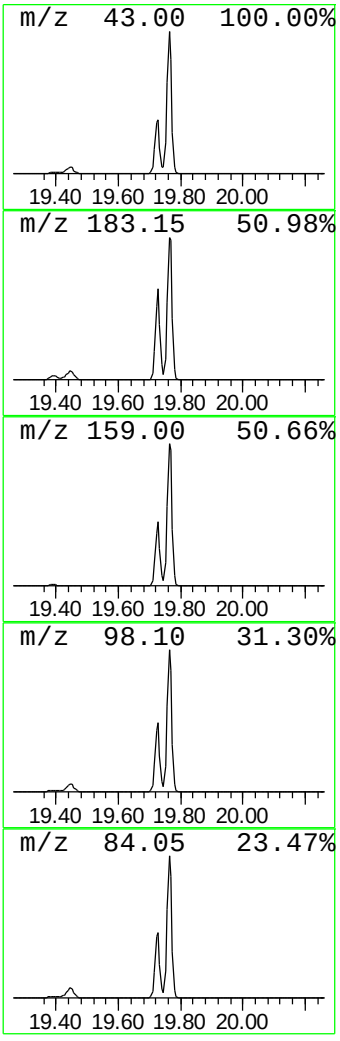
Peak Number 12 unknown-06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	33.27 ng/ul	4808620	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	49
2	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	40
3	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
4	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	14
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14





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Sample : K2303-21
Misc :
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Instrument : BNA_M
ClientSampleId : BF8C0

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Quant Title : SVOA CALIBRATION

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

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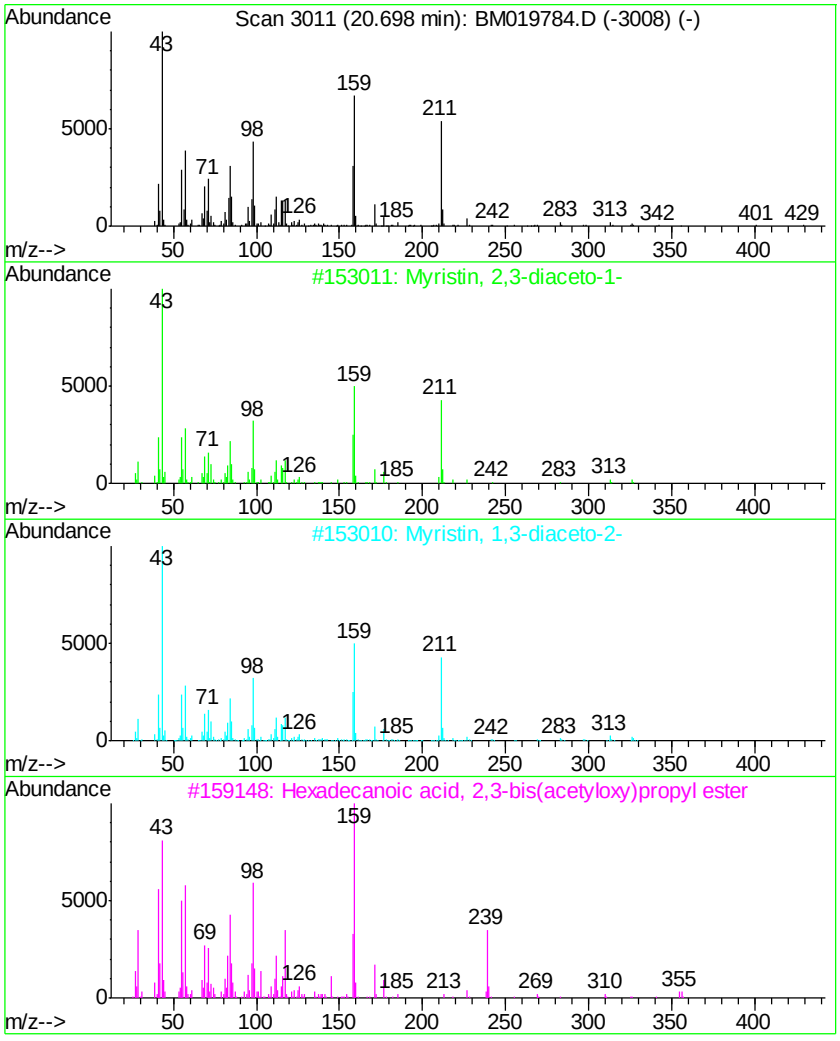
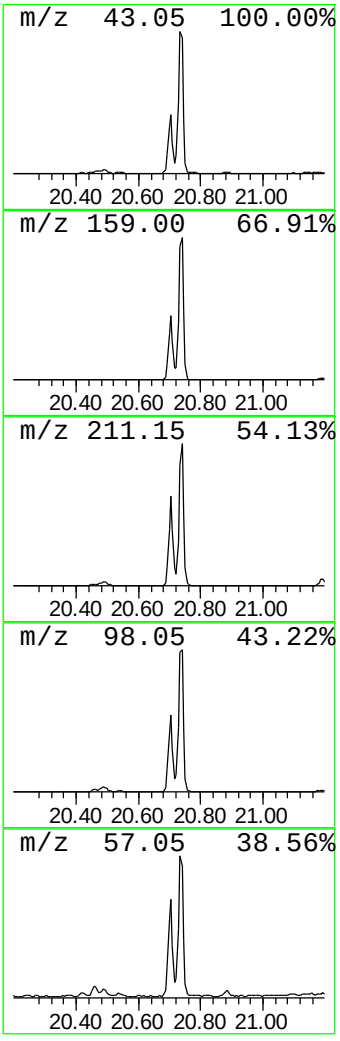
Peak Number 13 Myristin, 2,3-diaceto-1- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	6.67 ng/ul	964582	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	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	43
5	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	38





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Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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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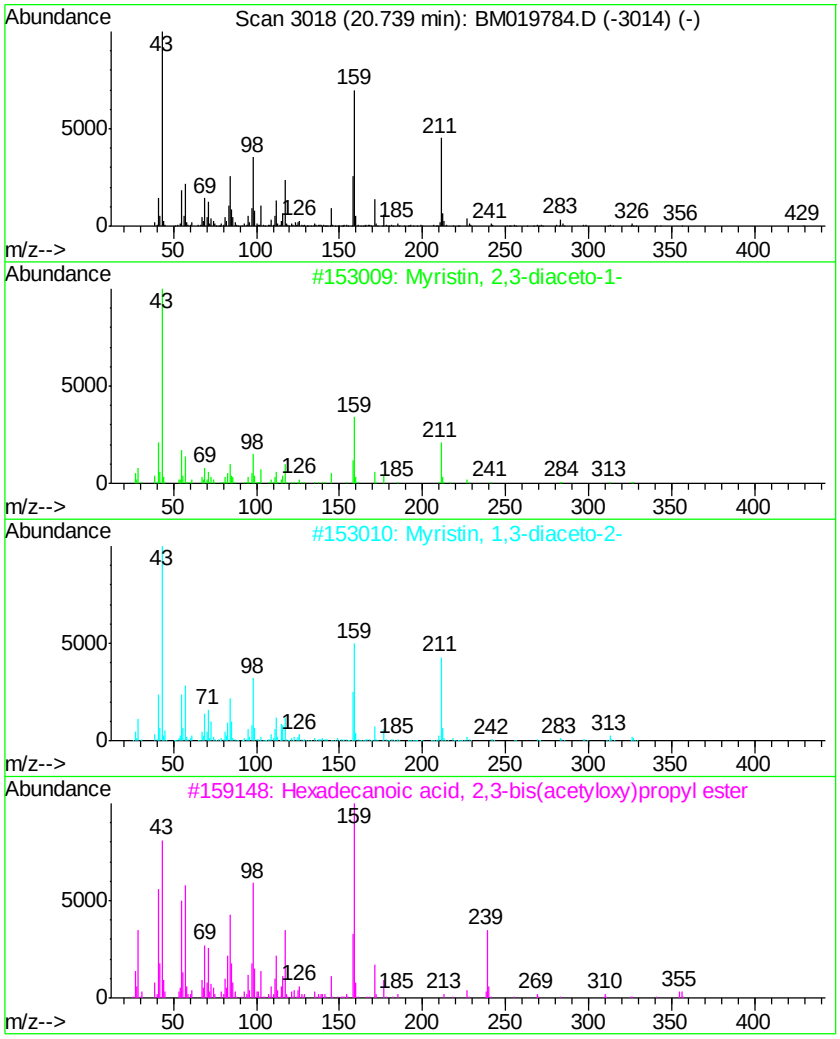
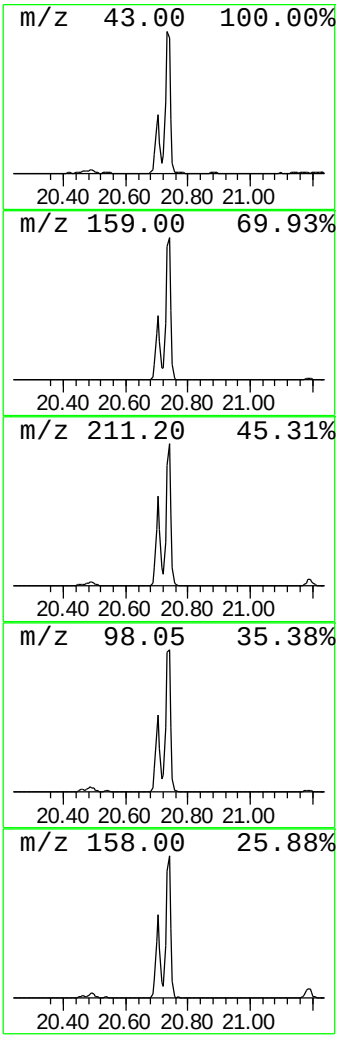
Peak Number 14 Myristin, 1,3-diaceto-2- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	13.70 ng/ul	1980950	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	83
3	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	68
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	35
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14





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Sample : K2303-21
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ClientSampleId : BF8C0

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Quant Title : SVOA CALIBRATION

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

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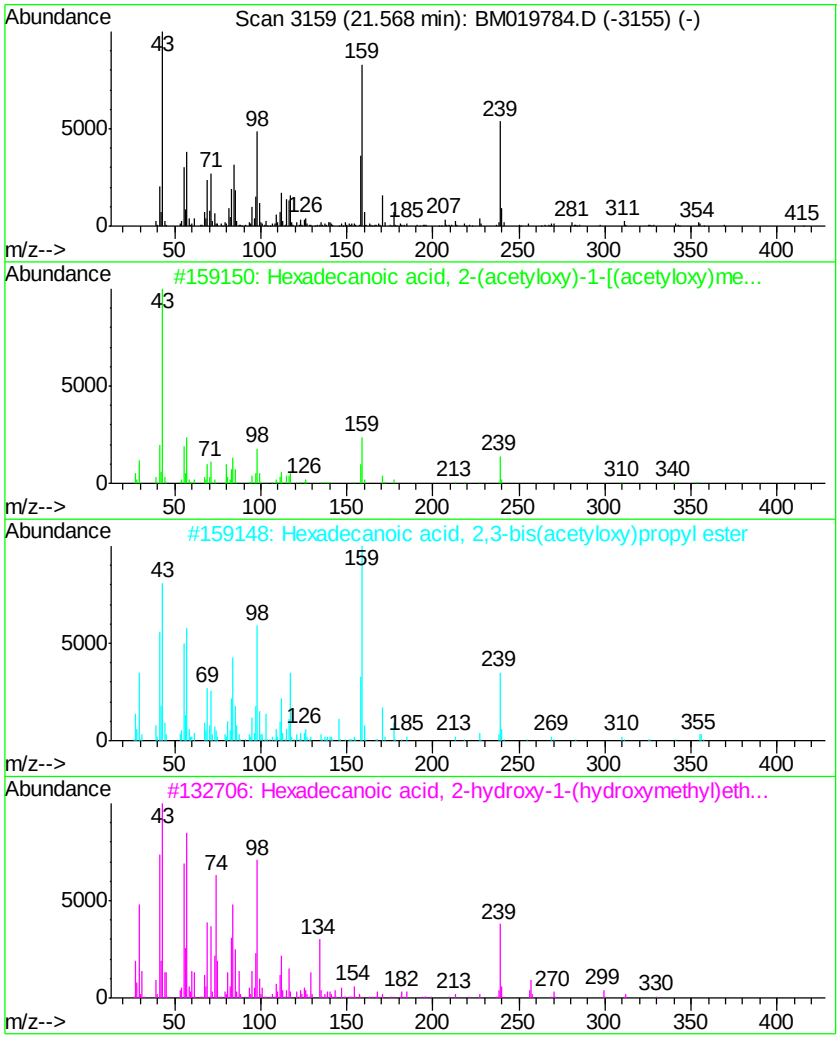
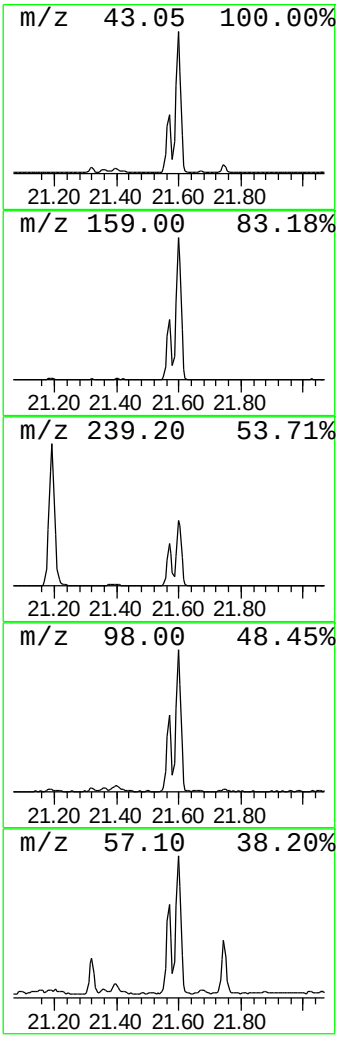
Peak Number 15 Hexadecanoic acid, 2-(acety... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	4.07 ng/ul	588265	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	80
3	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	27
4	2,3,4-Trifluorobenzoic acid, 3-p...	386	C22H33F3O2	1000280-62-2	25
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	16





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ClientSampleId : BF8C0

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Quant Title : SVOA CALIBRATION

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

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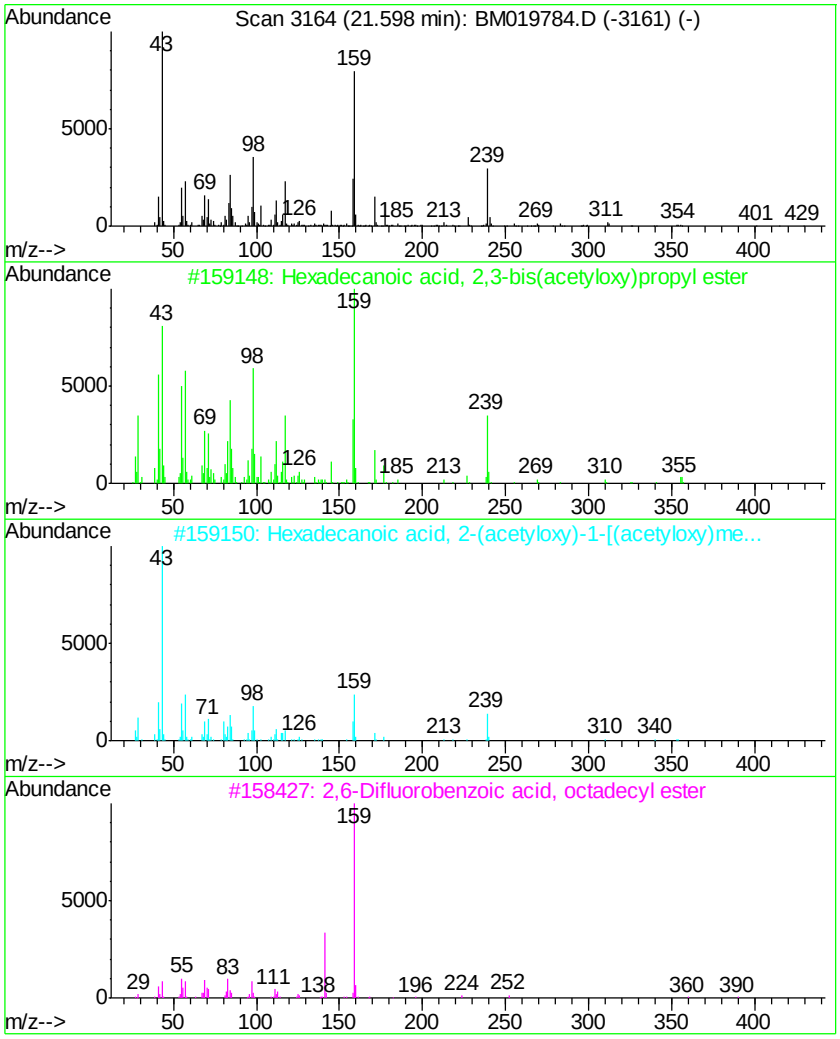
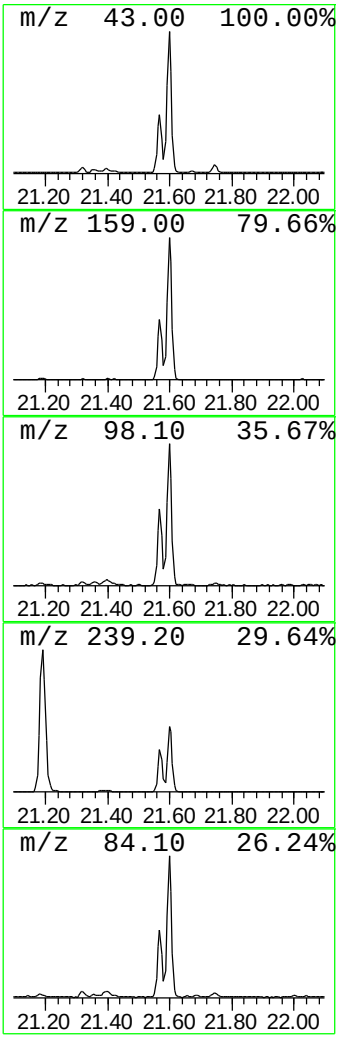
Peak Number 16 Hexadecanoic acid, 2,3-bis(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	8.08 ng/ul	1168480	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	91
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	35
3	2,6-Difluorobenzoic acid, octade...	410	C25H40F2O2	1000292-39-7	27
4	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27
5	2,6-Difluorobenzoic acid, pentad...	368	C22H34F2O2	1000292-39-5	27





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Quant Title : SVOA CALIBRATION

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

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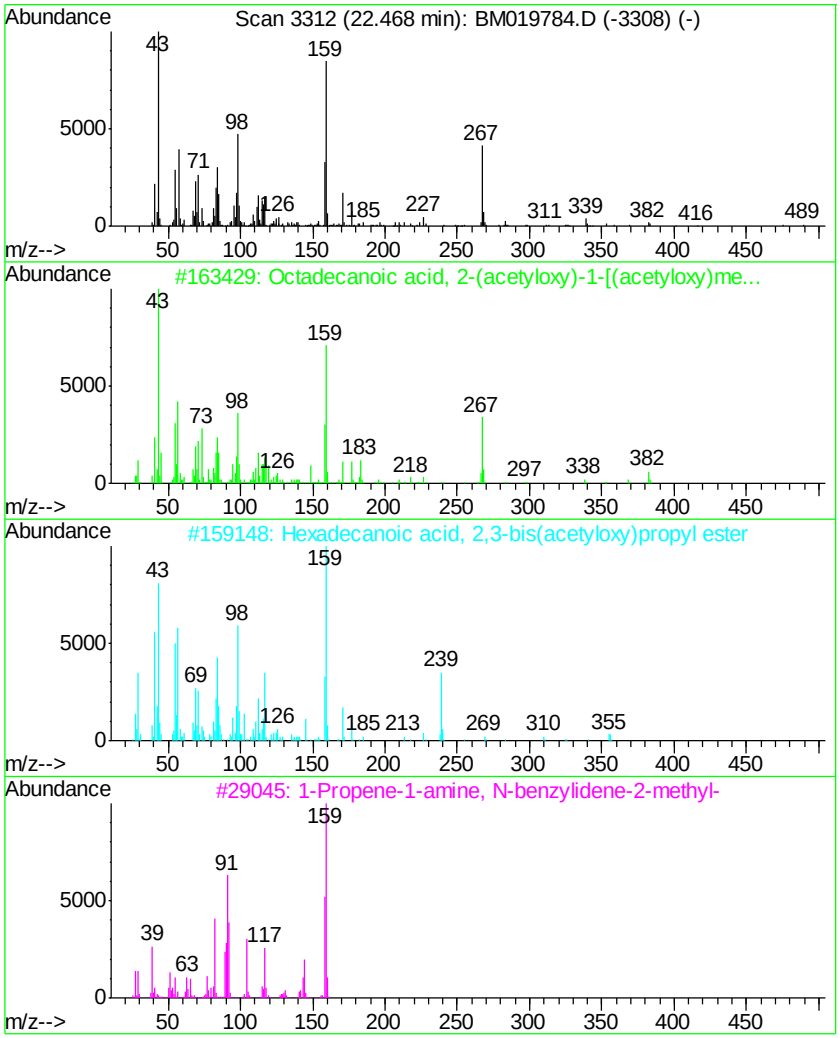
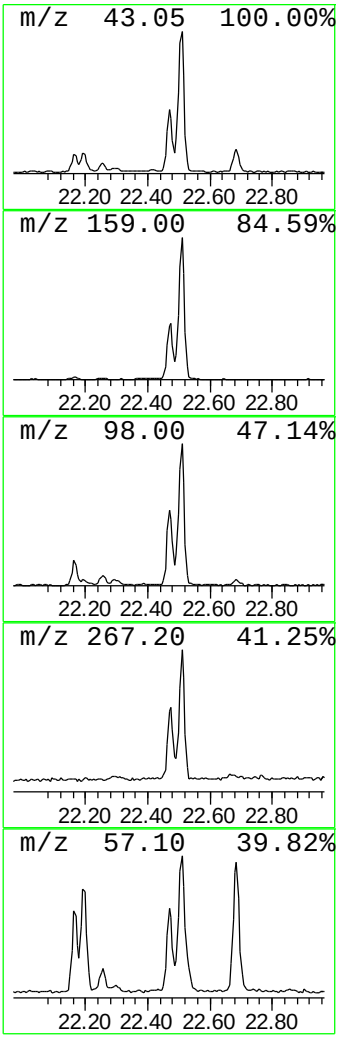
Peak Number 17 Octadecanoic acid, 2-(acety... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	4.63 ng/ul	571798	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	76
3	1-Propene-1-amine, N-benzylidene...	159	C11H13N	039575-55-8	30
4	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	22
5	2,3,4-Trifluorobenzoic acid, oct...	288	C15H19F3O2	1000280-44-8	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019784.D
Acq On : 06 Apr 2019 12:11
Operator : JU/SJ
Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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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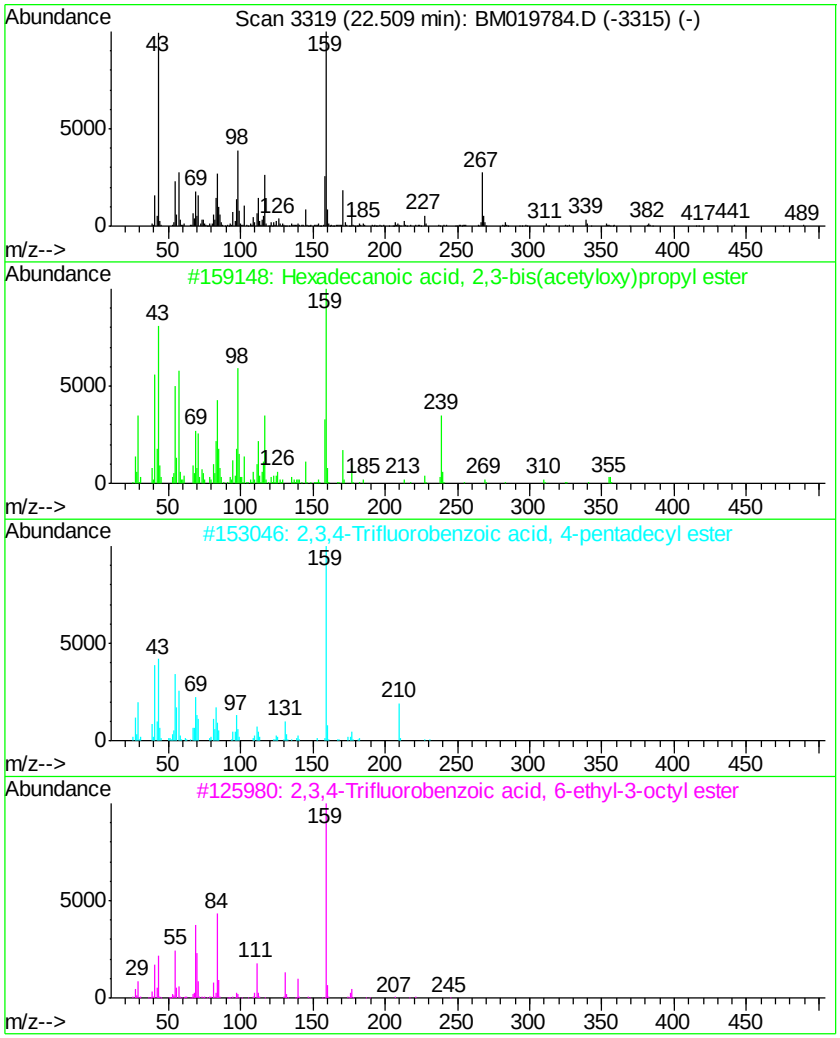
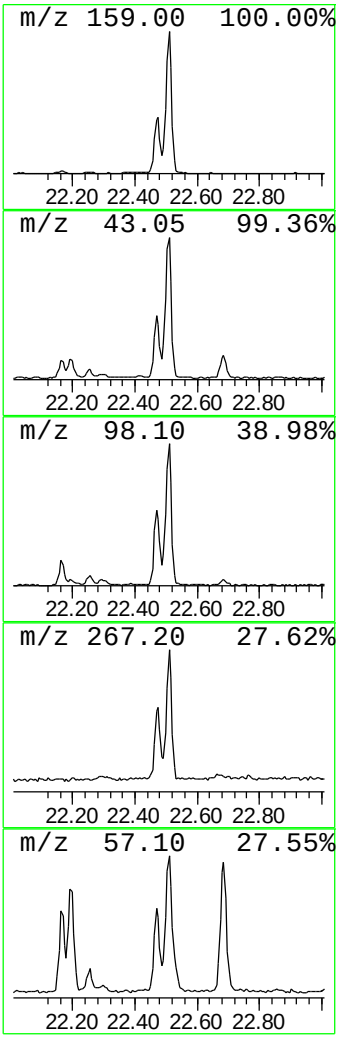
Peak Number 18 unknown-07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	9.96 ng/ul	1230160	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	46
2	2,3,4-Trifluorobenzoic acid, 4-p...	386	C22H33F3O2	1000280-62-3	35
3	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	35
4	2-Cyclobuten-1-one, 3-(phenylami...	159	C10H9NO	038425-49-9	27
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019784.D
Acq On : 06 Apr 2019 12:11
Operator : JU/SJ
Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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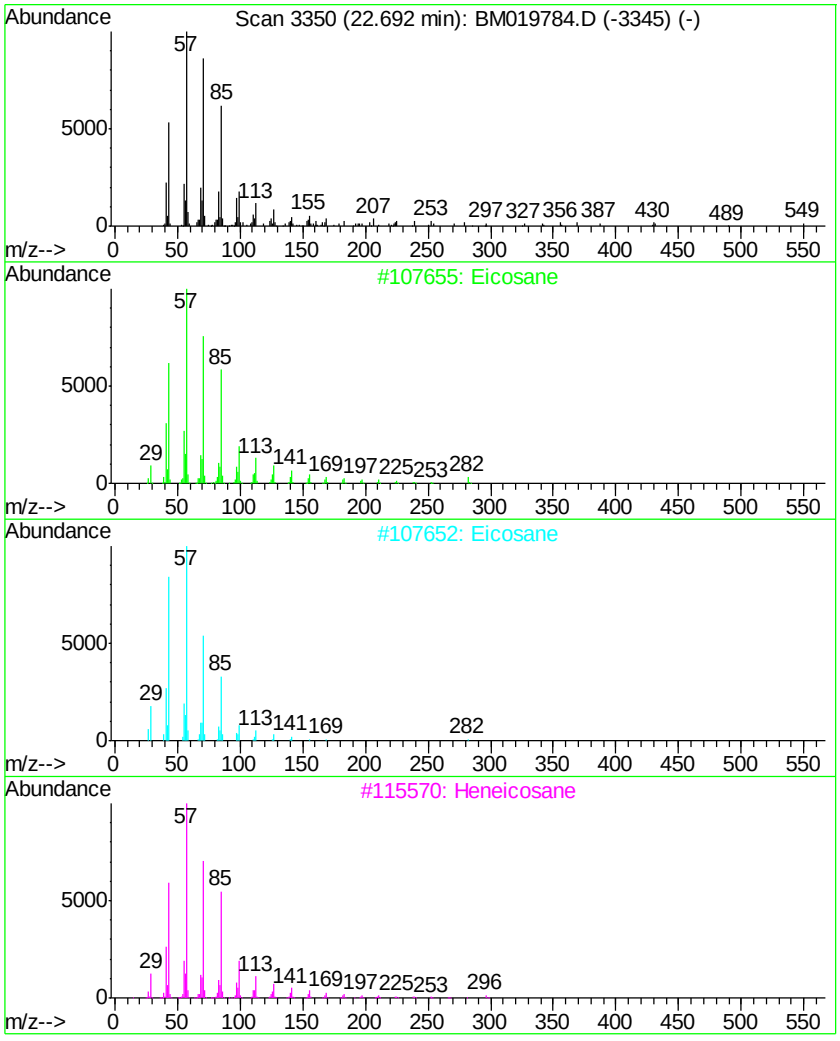
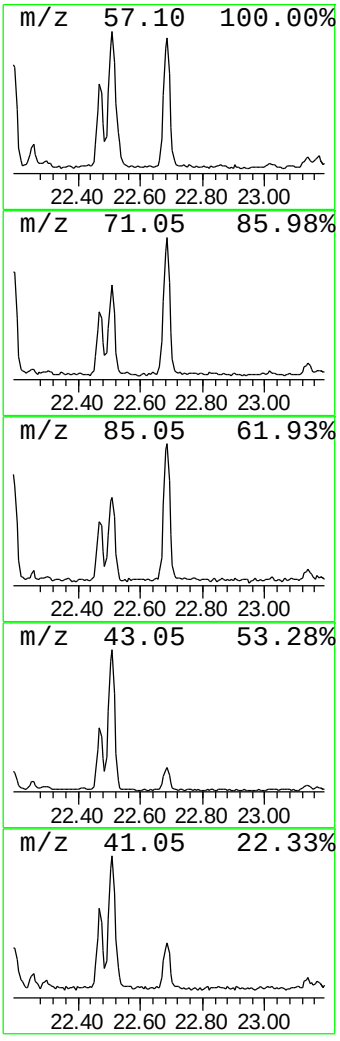
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.33 ng/ul	288369	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Nonacosane	408	C29H60	000630-03-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019784.D
Acq On : 06 Apr 2019 12:11
Operator : JU/SJ
Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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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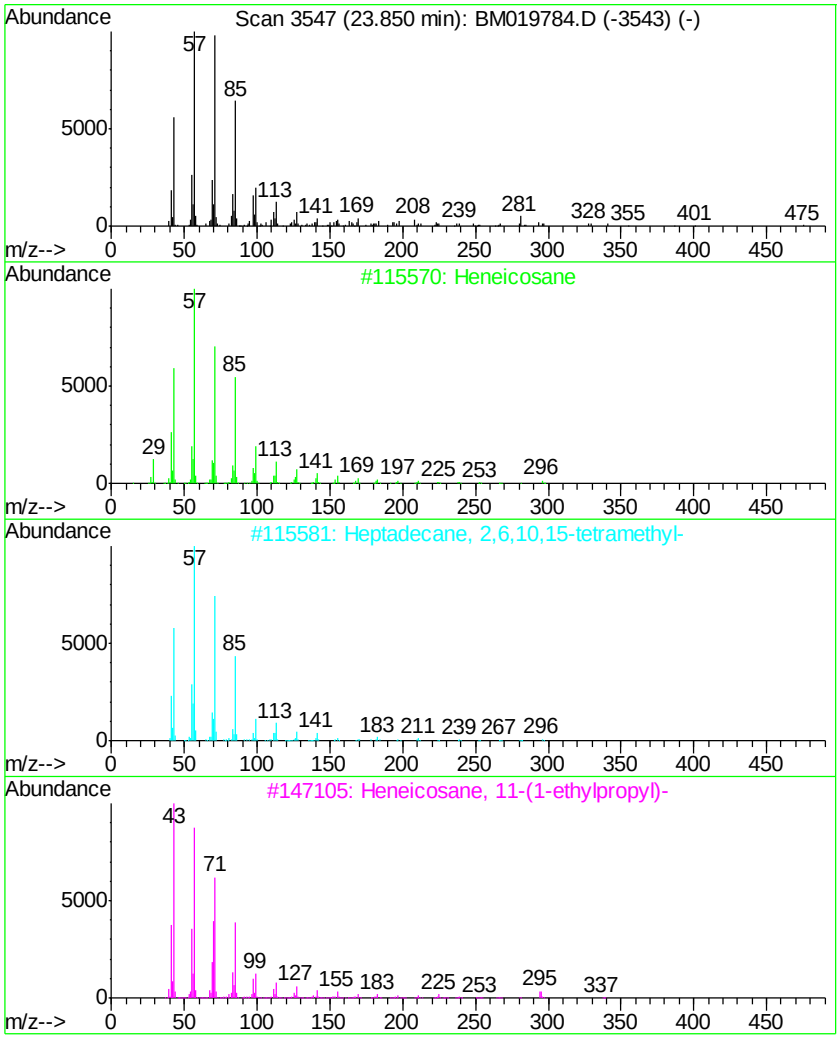
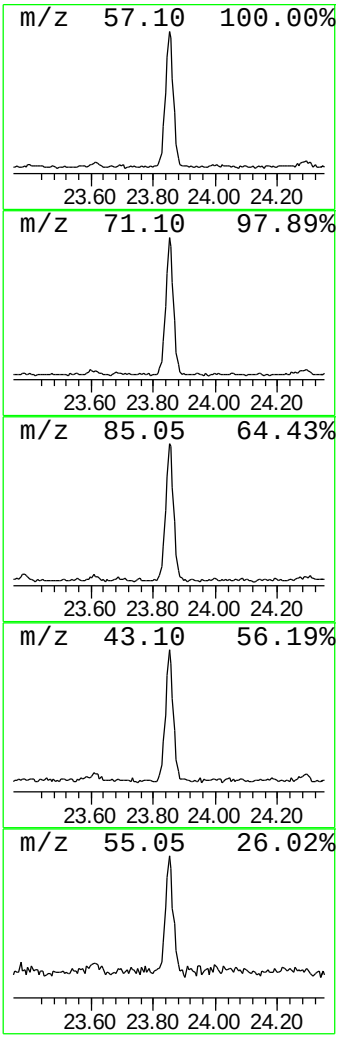
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.65 ng/ul	327883	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4	Docosane	310	C22H46	000629-97-0	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019784.D
Acq On : 06 Apr 2019 12:11
Operator : JU/SJ
Sample : K2303-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF8C0

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
unknown-01	17.27	16.7	ng/ul	1879920	4	16.98	2247630	20.0
unknown-02	17.32	35.0	ng/ul	3929700	4	16.98	2247630	20.0
7,9-Di-tert-butyl...	17.64	19.9	ng/ul	2239590	4	16.98	2247630	20.0
Benzenepropanoic ...	17.76	2.8	ng/ul	313079	4	16.98	2247630	20.0
n-Hexadecanoic acid	17.87	2.0	ng/ul	229387	4	16.98	2247630	20.0
3,5-di-tert-Butyl...	18.10	31.1	ng/ul	3490220	4	16.98	2247630	20.0
unknown-03	18.59	4.6	ng/ul	520037	4	16.98	2247630	20.0
unknown-04	18.63	10.2	ng/ul	1149250	4	16.98	2247630	20.0
Octadecanoic acid	19.16	2.6	ng/ul	383206	5	21.19	2891060	20.0
Phenol, 4,4'-(1-m...	19.45	4.3	ng/ul	626779	5	21.19	2891060	20.0
unknown-05	19.73	16.7	ng/ul	2411810	5	21.19	2891060	20.0
unknown-06	19.76	33.3	ng/ul	4808620	5	21.19	2891060	20.0
Myristin, 2,3-dia...	20.70	6.7	ng/ul	964582	5	21.19	2891060	20.0
Myristin, 1,3-dia...	20.74	13.7	ng/ul	1980950	5	21.19	2891060	20.0
Hexadecanoic acid...	21.57	4.1	ng/ul	588265	5	21.19	2891060	20.0
Hexadecanoic acid...	21.60	8.1	ng/ul	1168480	5	21.19	2891060	20.0
Octadecanoic acid...	22.47	4.6	ng/ul	571798	6	23.39	2470750	20.0
unknown-07	22.51	10.0	ng/ul	1230160	6	23.39	2470750	20.0
(DEL) Alkane: Str...	22.69	2.3	ng/ul	288369	6	23.39	2470750	20.0
(DEL) Alkane: Str...	23.85	2.6	ng/ul	327883	6	23.39	2470750	20.0