LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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	3.116	19	22	30	rVB	19766	29297	0.64%	0.047%
2	3.810	137	140	144	rBV	7655	10817	0.24%	0.017%
3	4.181	199	203	208	rBV5	8947	15615	0.34%	0.025%
4	5.222	375	380	388	rVB4	7852	17397	0.38%	0.028%
5	5.587	437	442	447	rVB4	7351	12262	0.27%	0.020%
6	6.240	549	553	557	rBV4	3581	6326	0.14%	0.010%
7	6.681	624	628	631	rBV4	5788	6942	0.15%	0.011%
8	6.751	634	640	655	rVV2	146735	314550	6.85%	0.503%
9	6.916	662	668	687	rBV	464249	826341	18.01%	1.321%
10	7.098	692	699	717	rVB	548093	957353	20.86%	1.530%
11	7.557	771	777	785	rBV	539366	905578	19.73%	1.447%
12	7.640	785	791	799	rVB7	16928	47708	1.04%	0.076%
13	8.281	894	900	917	rBV	411739	799093	17.41%	1.277%
14	8.404	917	921	931	rVB2	11773	21855	0.48%	0.035%
15	8.657	958	964	970	rBV	90689	155701	3.39%	0.249%
16	8.728	970	976	986	rVV	613152	1087410	23.70%	1.738%
17	8.798	986	988	998	rVV2	19718	45880	1.00%	0.073%
18	8.881	998	1002	1009	rVB7	11016	22641	0.49%	0.036%
19	9.445	1090	1098	1112	rBV	528455	959573	20.91%	1.534%
20	9.975	1181	1188	1210	rBV	677340	1459400	31.80%	2.333%
21	10.292	1233	1242	1244	rBV2	33568	65553	1.43%	0.105%
22	10.339	1244	1250	1258	rVB	878481	1453670	31.68%	2.323%
23	10.886	1339	1343	1349	rBV2	12624	29743	0.65%	0.048%
24	10.945	1349	1353	1367	rVB3	16560	43844	0.96%	0.070%
25	11.528	1447	1452	1463	rVB2	3975	8288	0.18%	0.013%
26	11.675	1470	1477	1487	rBV	65902	146102	3.18%	0.234%
27	11.945	1519	1523	1534	rBV4	8876	18950	0.41%	0.030%
28	12.498	1612	1617	1637	rBV3	27608	74303	1.62%	0.119%
29	12.804	1666	1669	1673	rBV2	4617	6663	0.15%	0.011%
30	13.169	1725	1731	1754	rBV2	191149	446358	9.73%	0.713%
31	13.645	1805	1812	1825	rBV	1634248	2366839	51.58%	3.783%
32	13.916	1850	1858	1873	rBV	1990302	2961519	64.54%	4.733%
33	14.133	1891	1895	1899	rBV2	3881	5583	0.12%	0.009%
34	14.221	1904	1910	1920	rVV2	1472435	2086903	45.48%	3.335%

LSC Area Percent Report

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Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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	14.304	1920	1924	1927	rVB3	4364	5629	0.12%	0.009%
36	14.357	1929	1933	1937	rVB2	3745	5401	0.12%	0.009%
37	14.510	1954	1959	1973	rBV3	47695	154281	3.36%	0.247%
38	14.657	1979	1984	2000	rBV	395952	563235	12.27%	0.900%
39	14.904	2021	2026	2032	rVV	39941	65019	1.42%	0.104%
40	14.980	2033	2039	2046	rVV	353931	490036	10.68%	0.783%
41	15.045	2046	2050	2058	rVB3	20917	38499	0.84%	0.062%
42	15.221	2074	2080	2095	rBV	2596005	3690781	80.43%	5.899%
43	15.374	2101	2106	2118	rBV	643748	986319	21.49%	1.576%
44	15.468	2118	2122	2127	rVB	29294	46637	1.02%	0.075%
45	15.604	2141	2145	2153	rVB	16627	24042	0.52%	0.038%
46	15.845	2182	2186	2191	rBV2	9583	13461	0.29%	0.022%
47	16.010	2210	2214	2218	rVB3	7673	10548	0.23%	0.017%
48	16.386	2274	2278	2284	rBV2	25561	42112	0.92%	0.067%
49	16.521	2297	2301	2304	rVB3	5679	6194	0.13%	0.010%
50	16.574	2307	2310	2317	rVB3	11285	12811	0.28%	0.020%
51	16.774	2339	2344	2346	rBV	6054	8280	0.18%	0.013%
52	16.798	2346	2348	2356	rVV4	6703	11359	0.25%	0.018%
53	16.892	2359	2364	2368	rBV3	51719	57188	1.25%	0.091%
54	16.980	2373	2379	2390	rBV2	1657473	2404254	52.39%	3.843%
55	17.080	2390	2396	2413	rBV2	2882207	4100258	89.35%	6.553%
56	17.268	2423	2428	2432	rBV	392824	468650	10.21%	0.749%
57	17.321	2432	2437	2443	rVB	810040	991903	21.62%	1.585%
58	17.557	2472	2477	2480	rBV6	4334	7848	0.17%	0.013%
59	17.592	2480	2483	2486	rVV2	13087	16997	0.37%	0.027%
60	17.645	2486	2492	2497	rVB	484758	563207	12.27%	0.900%
61	17.815	2516	2521	2526	rBV4	5596	9439	0.21%	0.015%
62	17.874	2526	2531	2539	rBV2	42750	67359	1.47%	0.108%
63	17.956	2542	2545	2546	rVV	14041	15658	0.34%	0.025%
64	17.974	2546	2548	2552	rVB4	17719	20727	0.45%	0.033%
65	18.086	2563	2567	2570	rVB4	3736	4948	0.11%	0.008%
66	18.127	2570	2574	2577	rBV3	28505	36091	0.79%	0.058%
67	18.221	2585	2590	2595	rVB5	32910	54169	1.18%	0.087%
68	18.392	2614	2619	2623	rBV5	9202	11290	0.25%	0.018%
69	18.462	2626	2631	2635	rBV2	24924	33396	0.73%	0.053%
70	18.592	2648	2653	2657	rBV	359714	408098	8.89%	0.652%
71	18.639	2657	2661	2669	rVB	742838	878262	19.14%	1.404%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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
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Peak separation: 5

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

72	18.739	2675	2678	2683	rVB3	12629	17610	0.38%	0.028%
73	19.027	2723	2727	2732	rBV	25878	40468	0.88%	0.065%
74	19.168	2746	2751	2756	rBV	64578	99832	2.18%	0.160%
75	19.280	2766	2770	2773	rBV	22247	25906	0.56%	0.041%
76	19.392	2783	2789	2794	rBV	3447798	4588898	100.00%	7.334%
77	19.451	2794	2799	2806	rVV	196153	332674	7.25%	0.532%
78	19.503	2806	2808	2811	rVB4	10545	10991	0.24%	0.018%
79	19.580	2819	2821	2825	rBV5	6555	6908	0.15%	0.011%
80	19.727	2841	2846	2849	rBV	2140008	2195714	47.85%	3.509%
81	19.768	2849	2853	2857	rVB	4136345	4427705	96.49%	7.077%
82	20.462	2968	2971	2973	rBV2	36237	43840	0.96%	0.070%
83	20.492	2974	2976	2980	rVB4	47764	57326	1.25%	0.092%
84	20.703	3008	3012	3015	rBV	1011341	1092370	23.80%	1.746%
85	20.739	3015	3018	3023	rVB	2108554	2137932	46.59%	3.417%
86	21.192	3090	3095	3107	rBV	2002831	2503110	54.55%	4.001%
87	21.321	3114	3117	3121	rBV	74849	82111	1.79%	0.131%
88	21.362	3121	3124	3127	rBV2	60645	71010	1.55%	0.113%
89	21.574	3156	3160	3162	rBV	563534	641888	13.99%	1.026%
90	21.603	3162	3165	3170	rVB	1173825	1239363	27.01%	1.981%
91	22.168	3258	3261	3264	rBV	211781	242662	5.29%	0.388%
92	22.209	3264	3268	3273	rVB3	675896	924971	20.16%	1.478%
93	22.474	3309	3313	3316	rBV	449581	598401	13.04%	0.956%
94	22.509	3316	3319	3330	rVB	894479	1171197	25.52%	1.872%
95	22.686	3346	3349	3355	rVB	143429	200627	4.37%	0.321%
96	23.250	3438	3445	3456	rBV2	2060797	3785564	82.49%	6.050%
97	23.391	3463	3469	3481	rVB2	1096179	2056832	44.82%	3.287%
98	23.856	3545	3548	3554	rVB2	140130	230247	5.02%	0.368%

Sum of corrected areas: 62566600

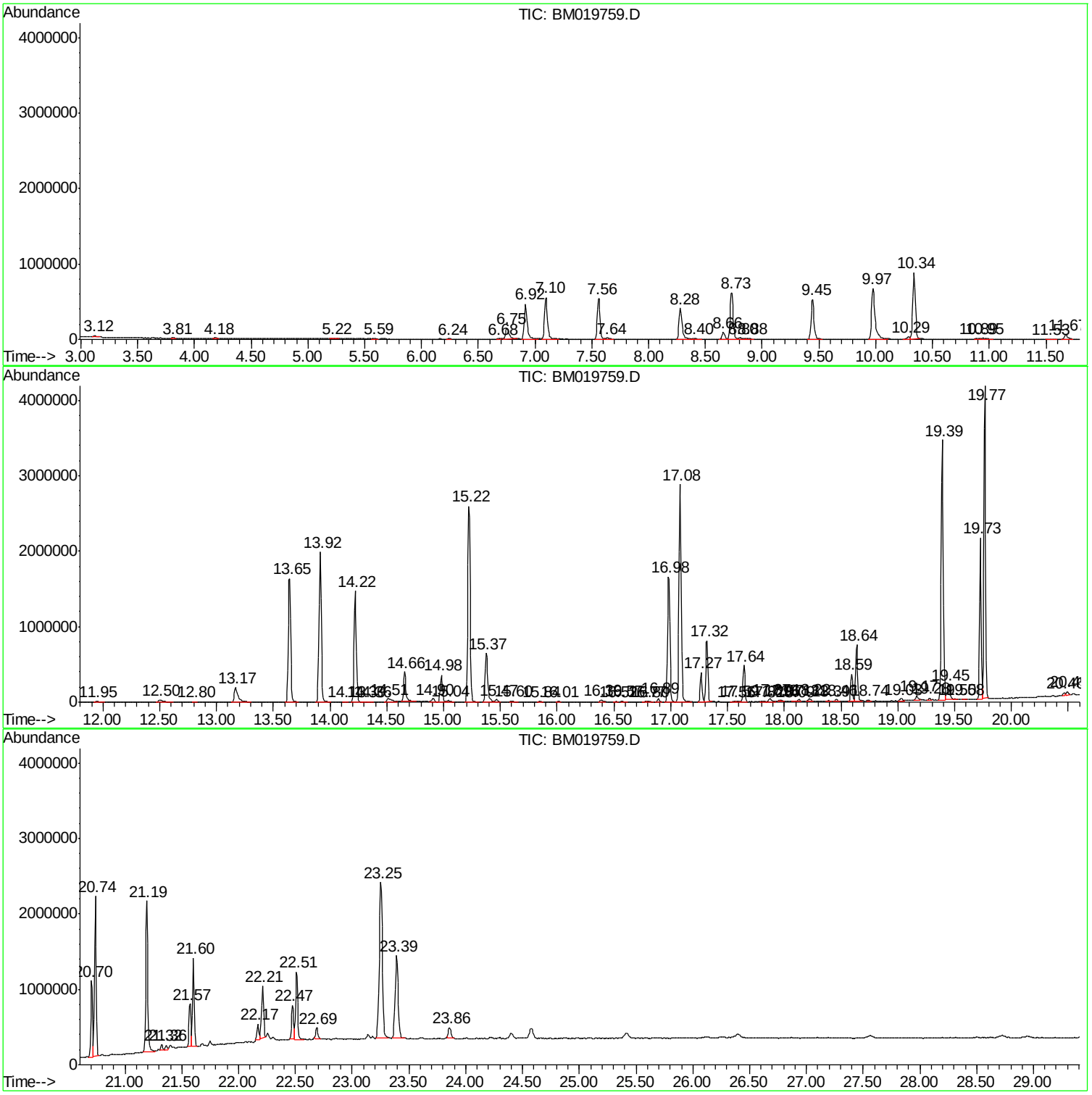
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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\BM040519\
Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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

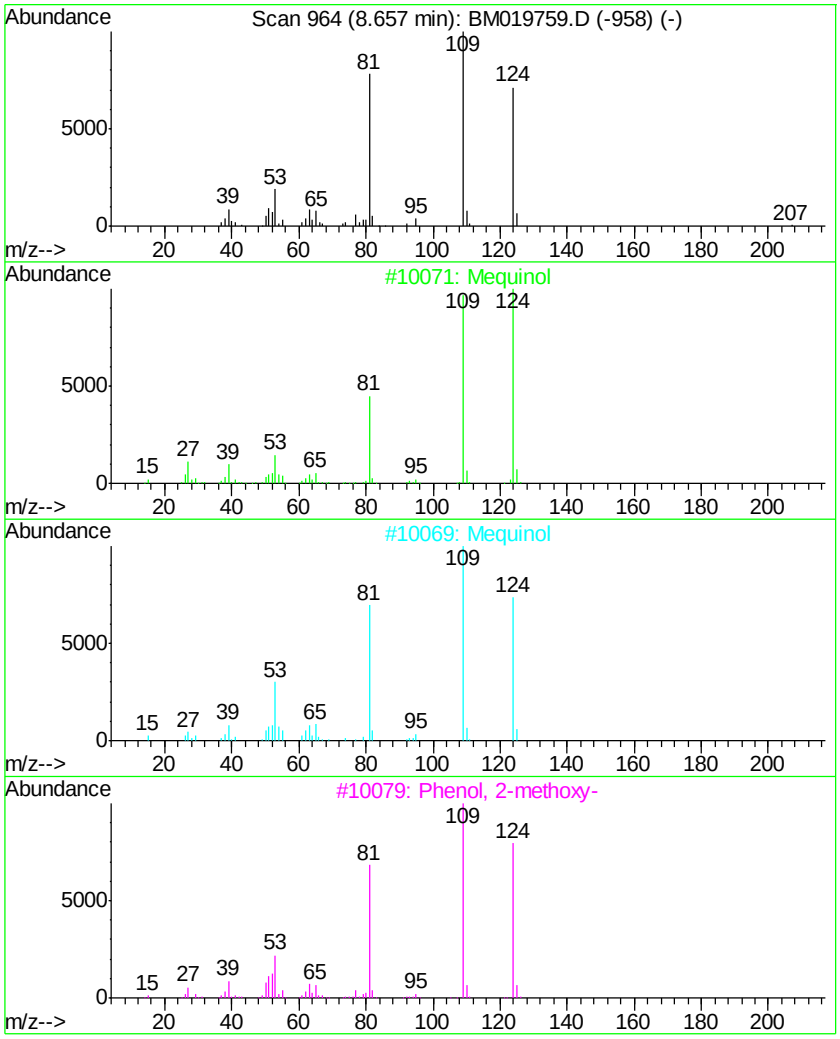
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

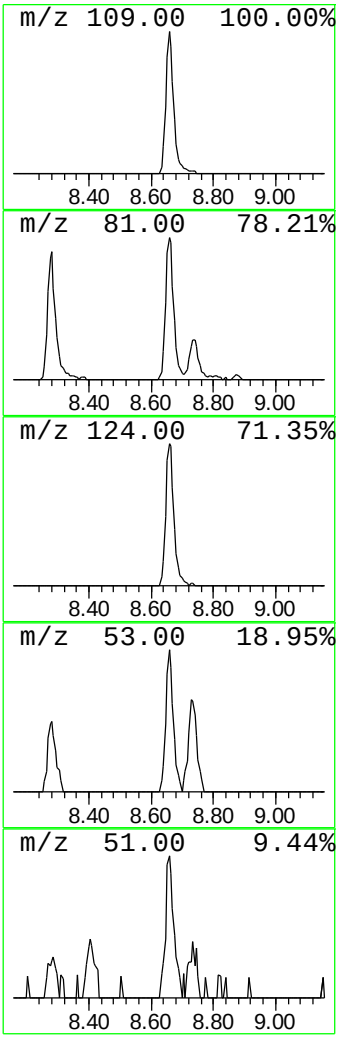
****

Peak Number 1 Mequinol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	3.44 ng/ul	155701	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	91
2	Mequinol	124	C7H8O2	000150-76-5	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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

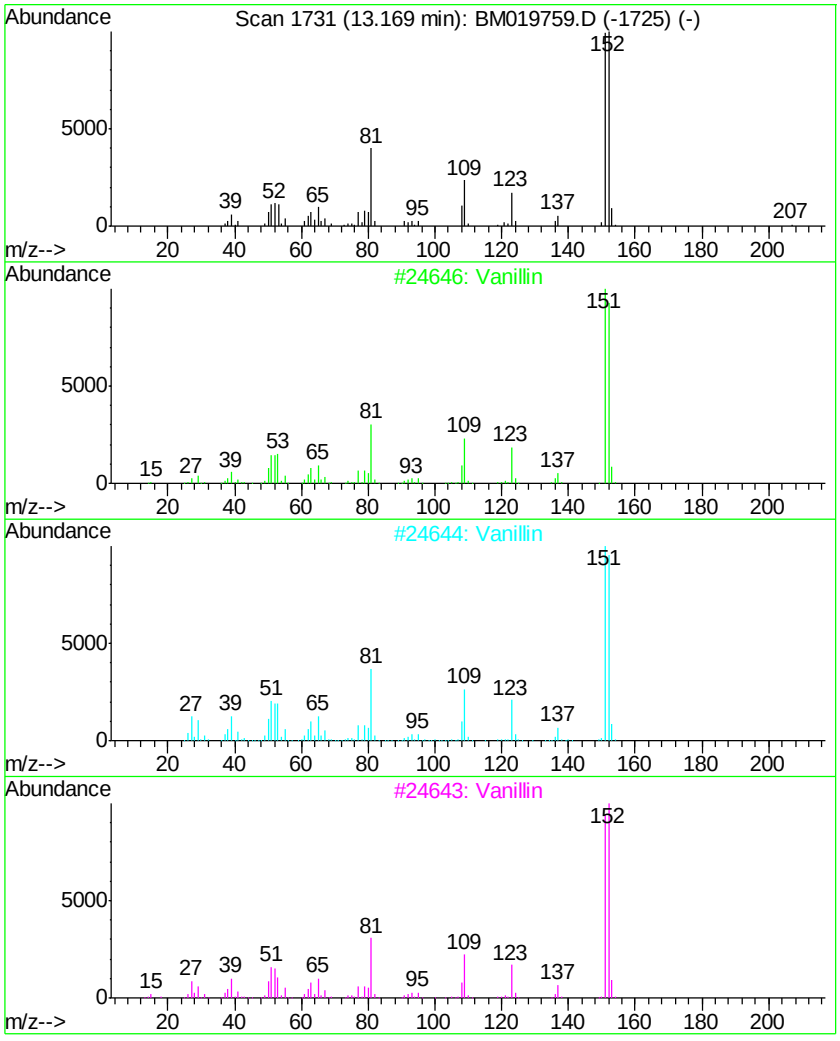
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

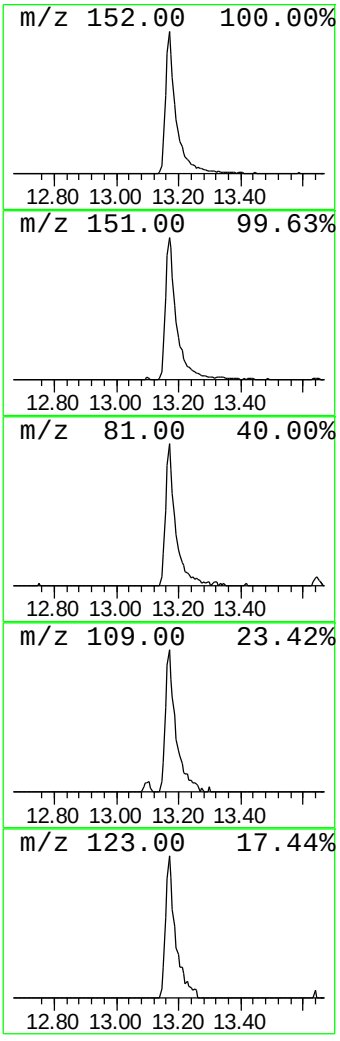
****

Peak Number 2 Vanillin Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.28 ng/ul	446358	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	96
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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
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Acq On : 05 Apr 2019 21:10
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Instrument : BNA_M
ClientSampleId : BF633

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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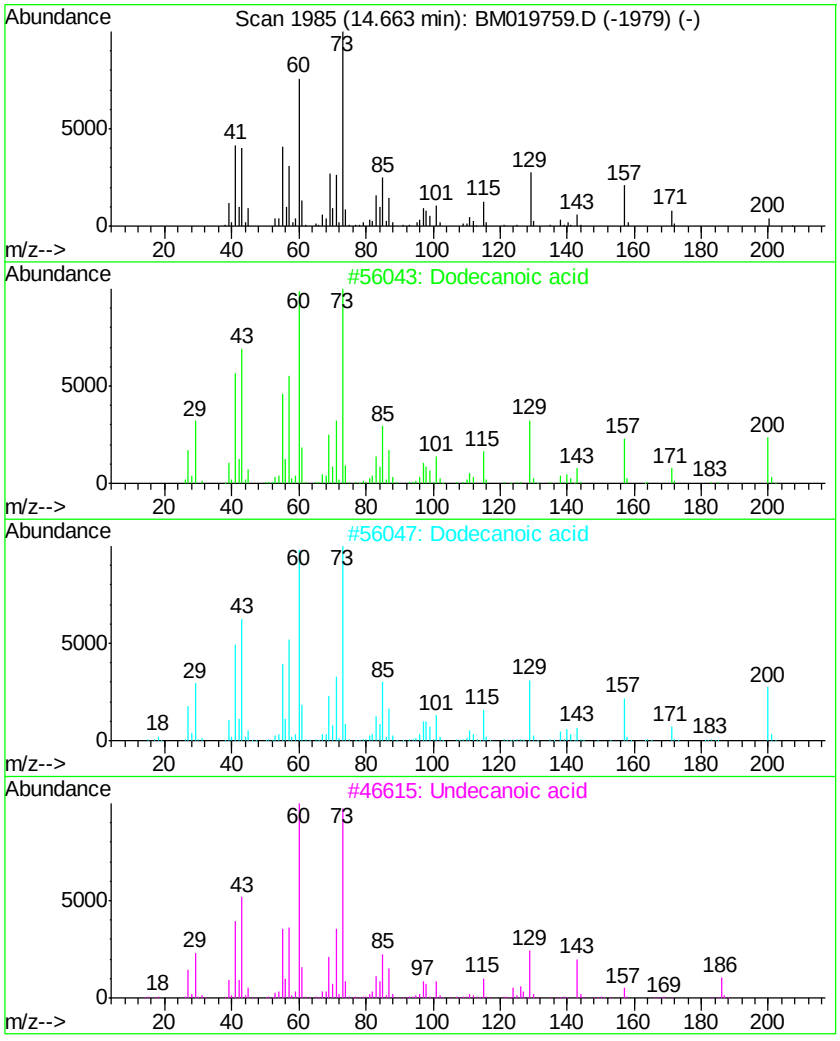
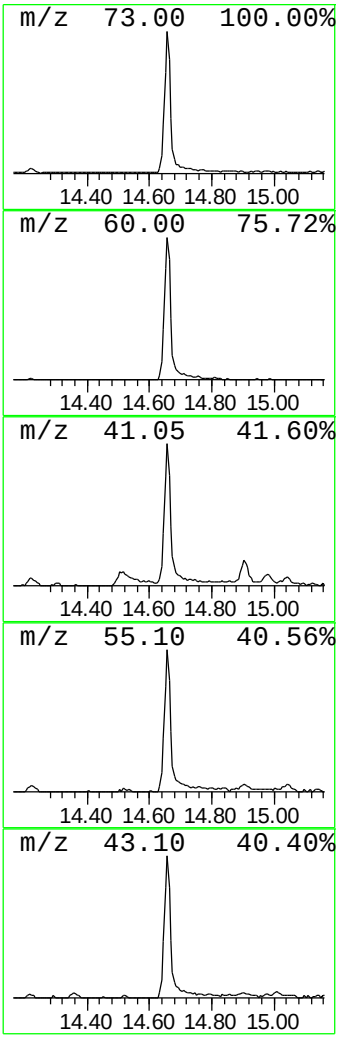
Peak Number 3 Dodecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.40 ng/ul	563235	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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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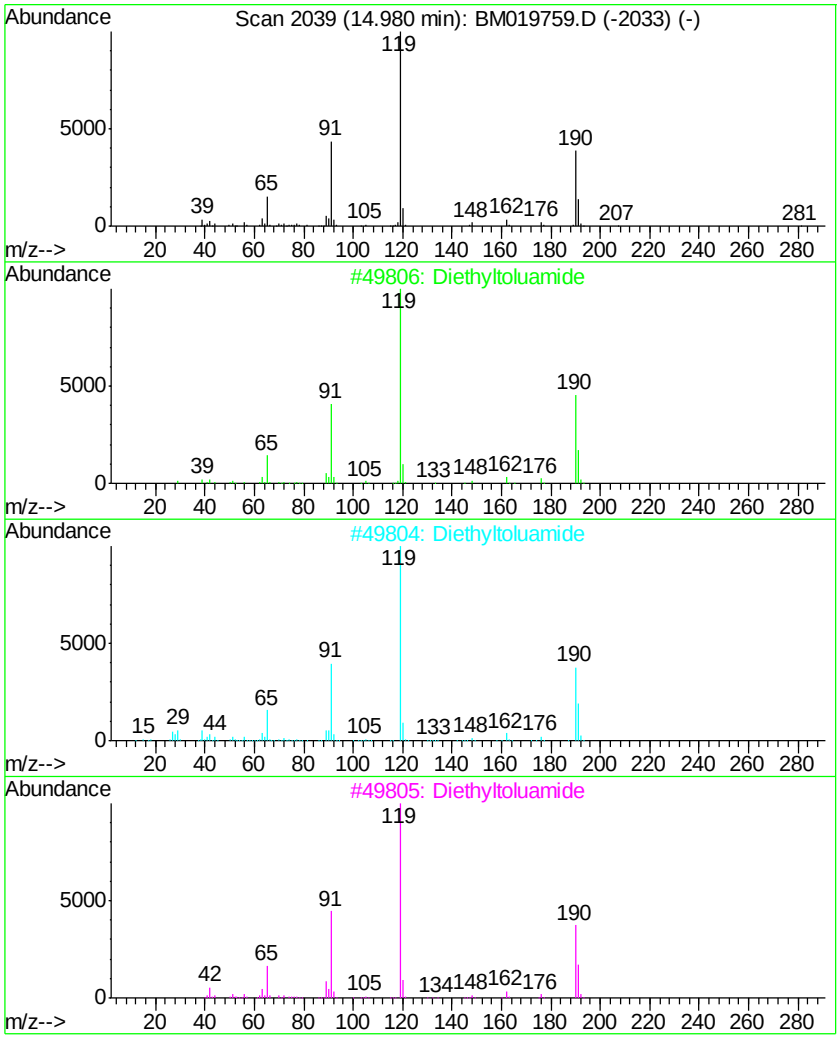
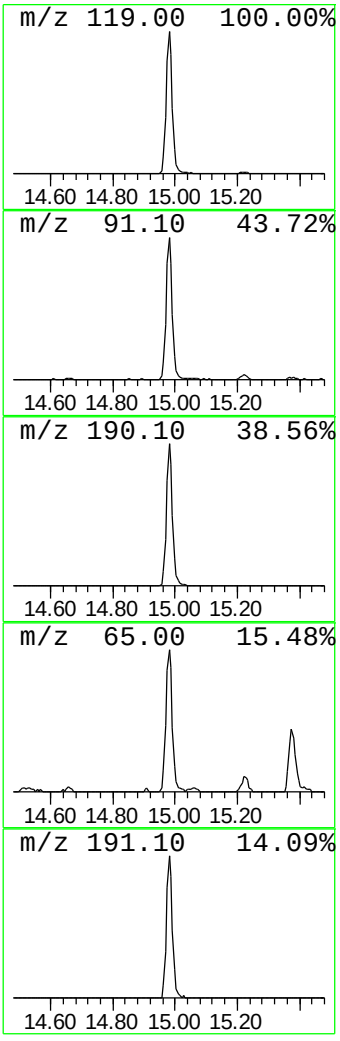
Peak Number 4 Diethyltoluamide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.70 ng/ul	490036	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	94
3	Diethyltoluamide	191	C12H17NO	000134-62-3	60
4	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	58
5	N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	53





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Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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

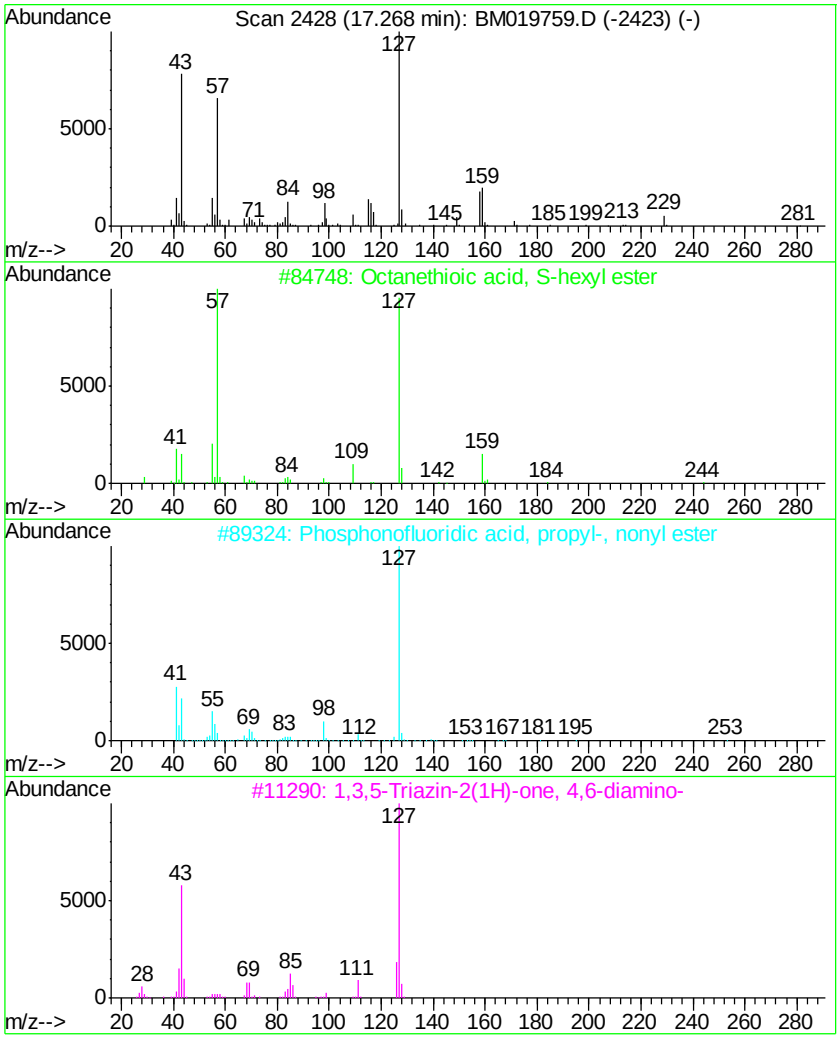
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

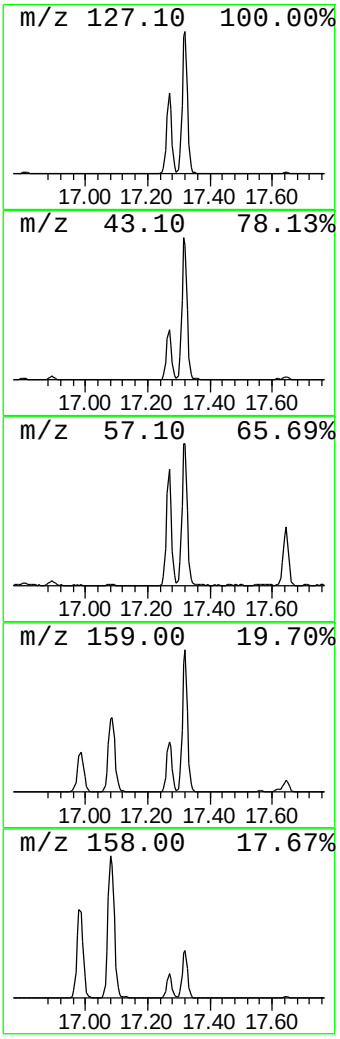
****

Peak Number 5 Octanethioic acid, S-hexyl ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	3.90 ng/ul	468650	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	50
2	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	47
3	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	43
4	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	43
5	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	38





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Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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Quant Title : SVOA CALIBRATION

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

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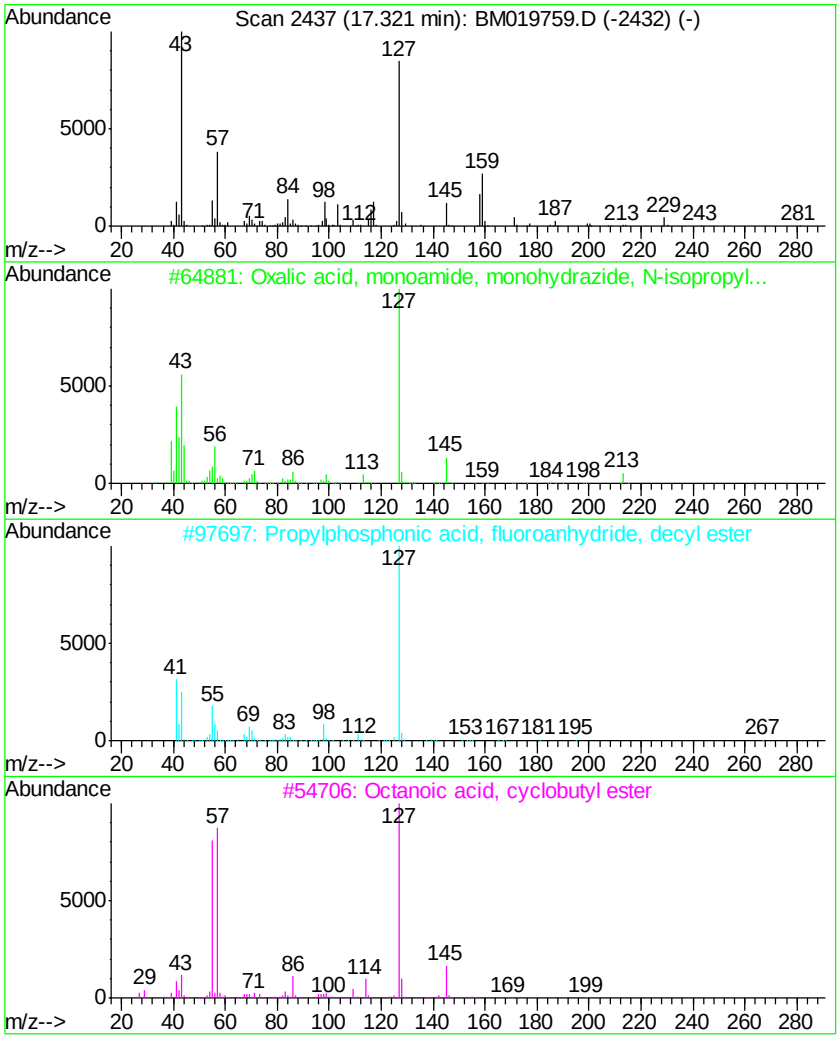
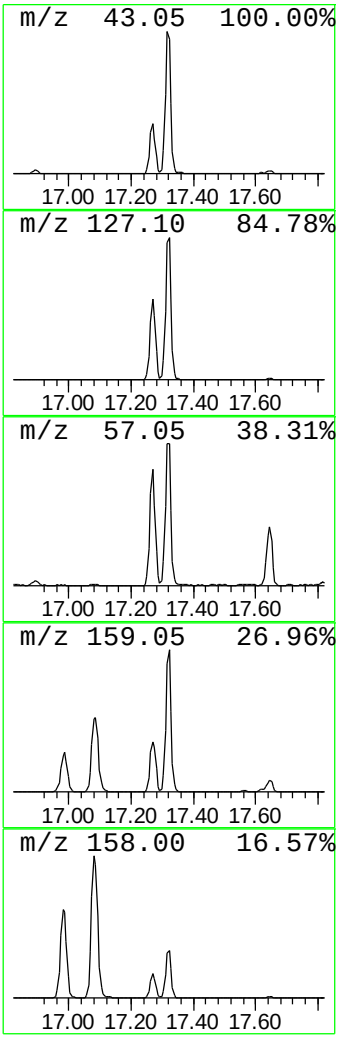
Peak Number 6 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	8.25 ng/ul	991903	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, monoamide, monohydr...	213	C10H19N3O2	1000265-20-0	38
2	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	37
3	Octanoic acid, cyclobutyl ester	198	C12H22O2	1000282-86-6	37
4	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	37
5	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	37





Library Search Compound Report

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Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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Quant Title : SVOA CALIBRATION

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

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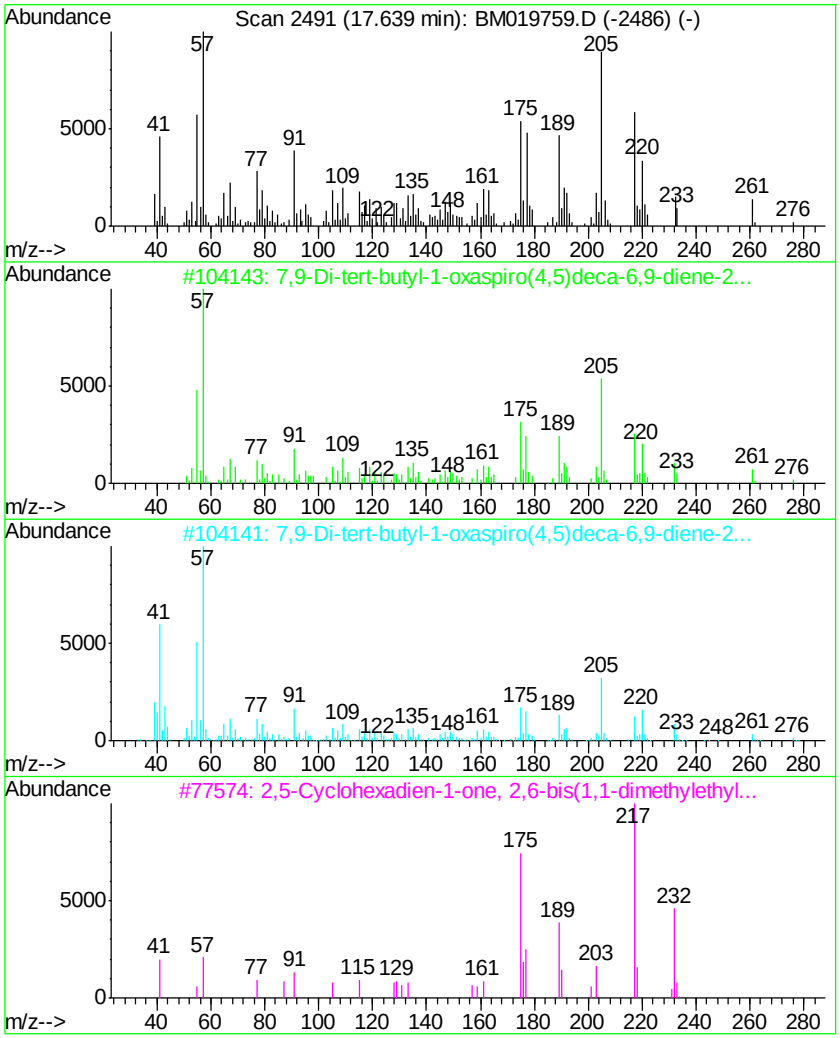
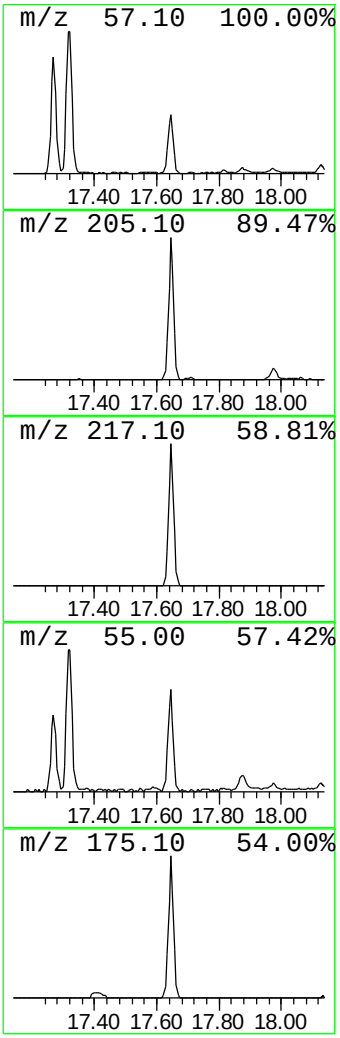
Peak Number 7 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	4.69 ng/ul	563207	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	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	45





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Instrument : BNA_M
ClientSampleId : BF633

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Quant Title : SVOA CALIBRATION

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

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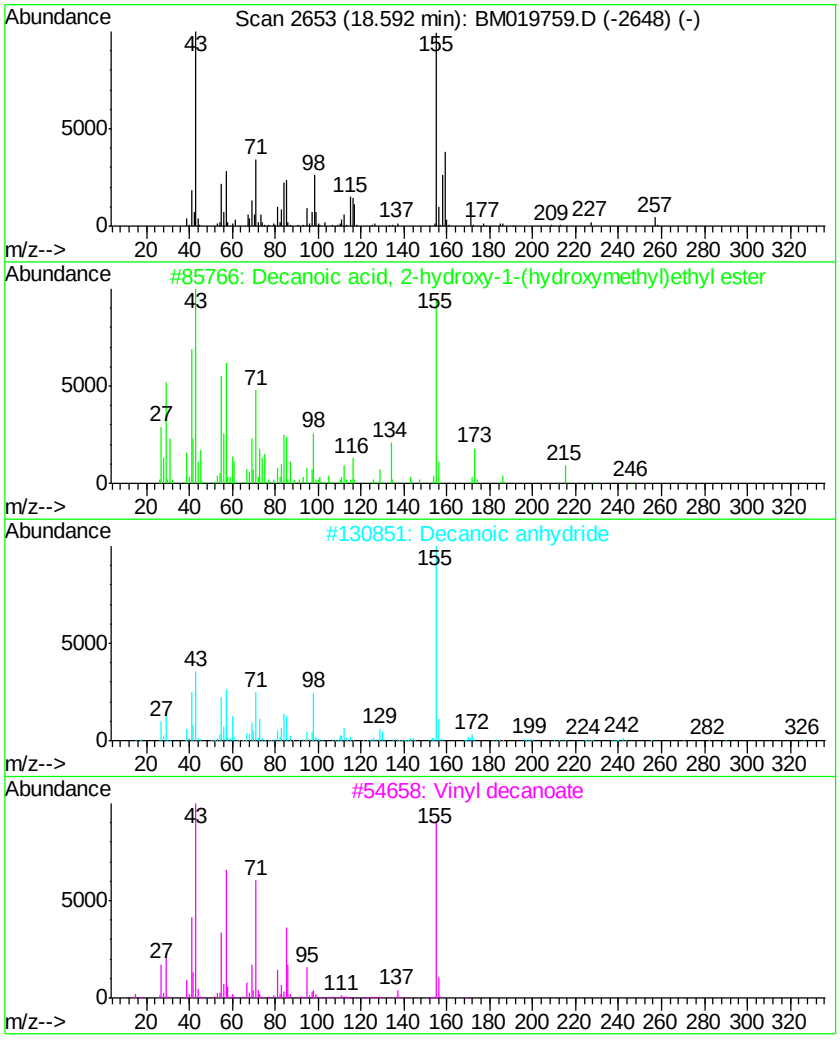
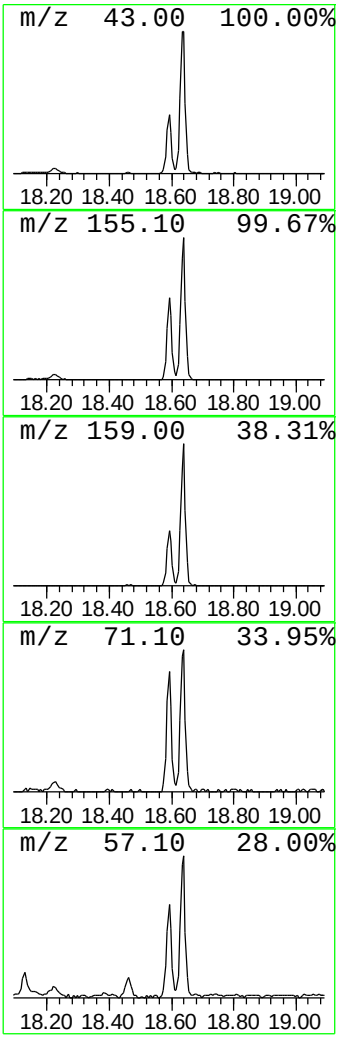
Peak Number 8 Decanoic acid, 2-hydroxy-1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	3.39 ng/ul	408098	Phenanthrene-d10	16.98

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	Vinyl decanoate	198	C12H22O2	004704-31-8	35
4	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	27
5	10-Nonadecanone	282	C19H38O	000504-57-4	25





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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Quant Title : SVOA CALIBRATION

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

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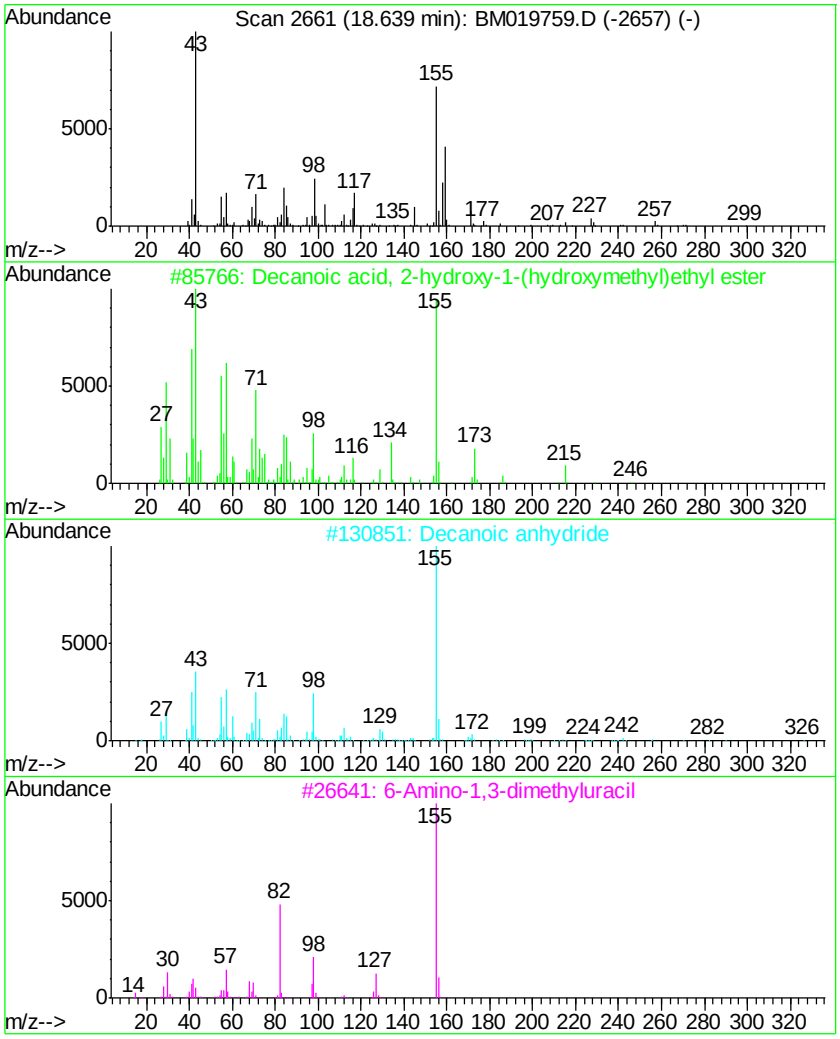
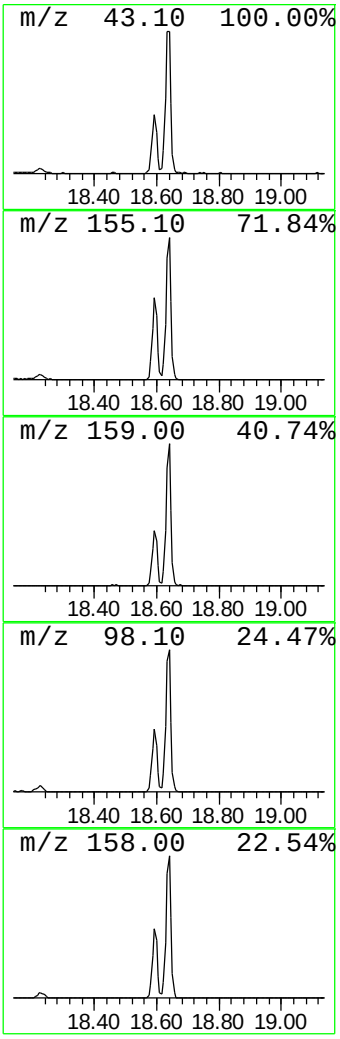
Peak Number 9 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	7.31 ng/ul	878262	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	25
2	Decanoic anhydride	326	C20H38O3	002082-76-0	16
3	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	14
4	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	10





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Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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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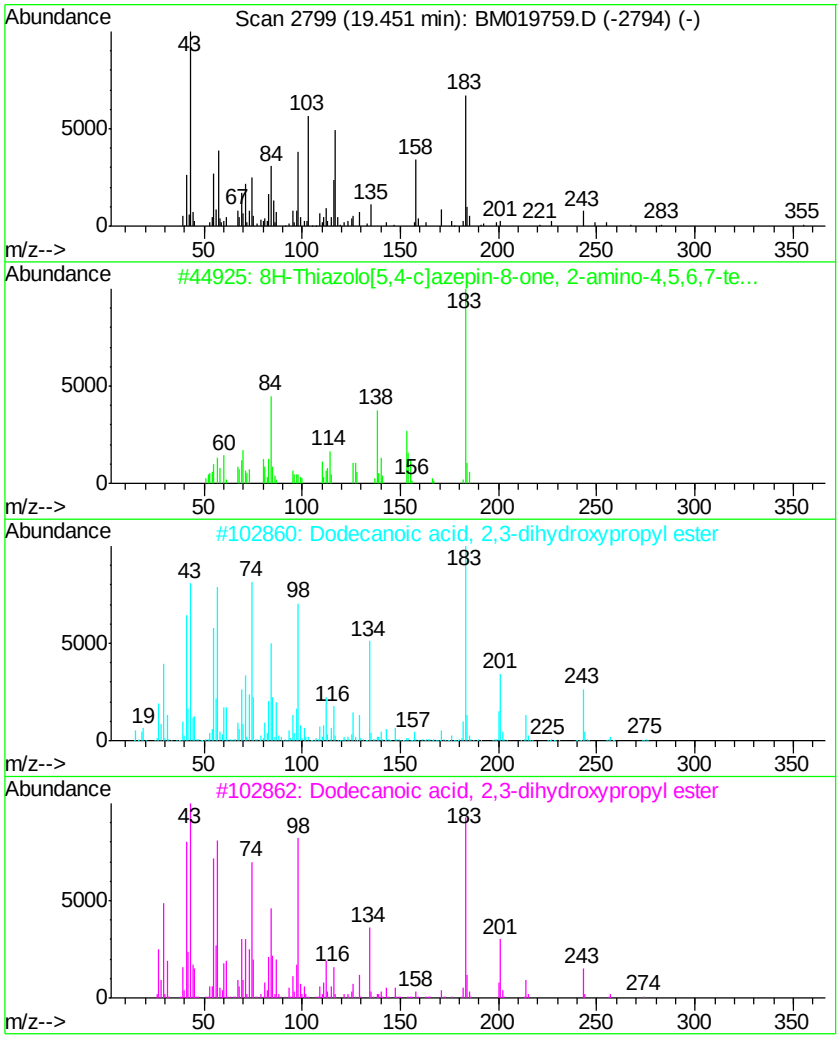
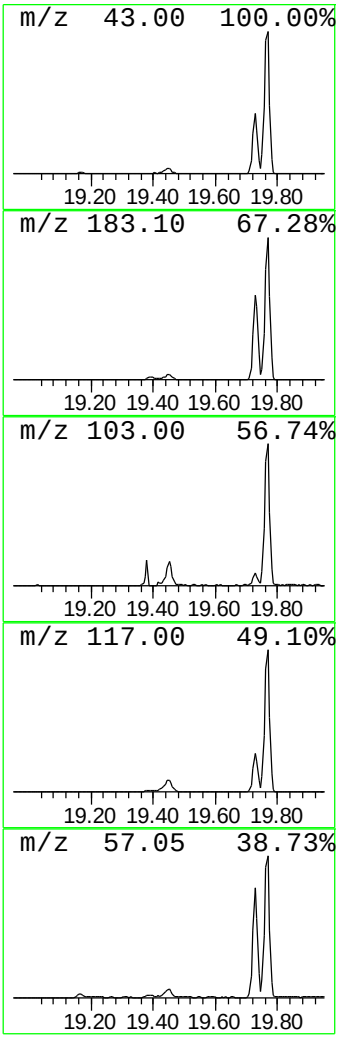
Peak Number 10 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.66 ng/ul	332674	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8H-Thiazolo[5,4-c]azepin-8-one, ...	183	C7H9N3OS	155778-36-2	14
2	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	14
3	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	14
4	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	12
5	Lauric anhydride	382	C24H46O3	000645-66-9	10





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Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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Quant Title : SVOA CALIBRATION

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

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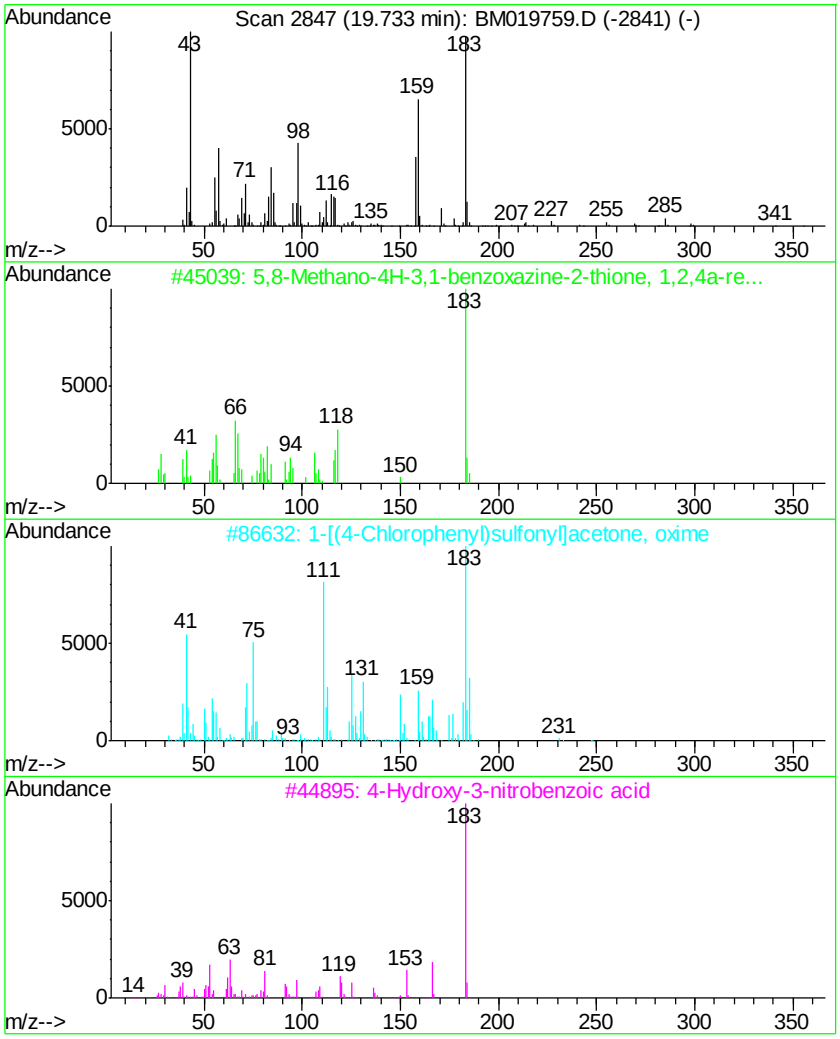
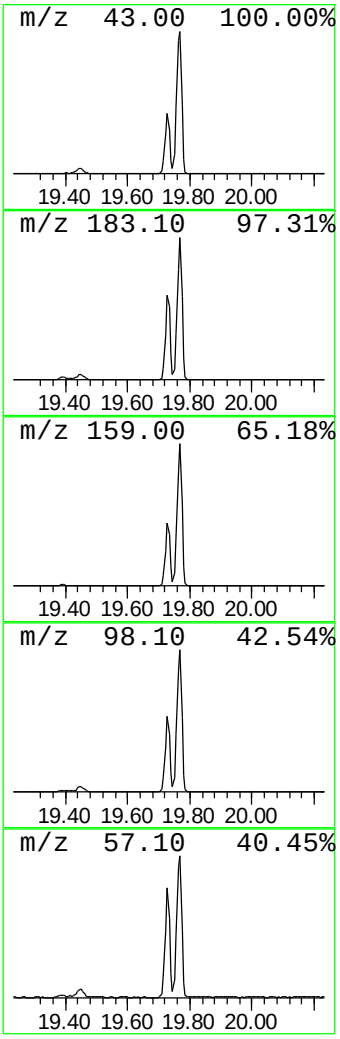
Peak Number 11 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	17.54 ng/ul	2195710	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	27
2	1-[(4-Chlorophenyl)sulfonyl]acet...	247	C9H10ClNO3S	1000266-17-1	22
3	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	22
4	4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	22
5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	22





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Sample : K2218-13
Misc :
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Instrument : BNA_M
ClientSampleId : BF633

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Quant Title : SVOA CALIBRATION

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

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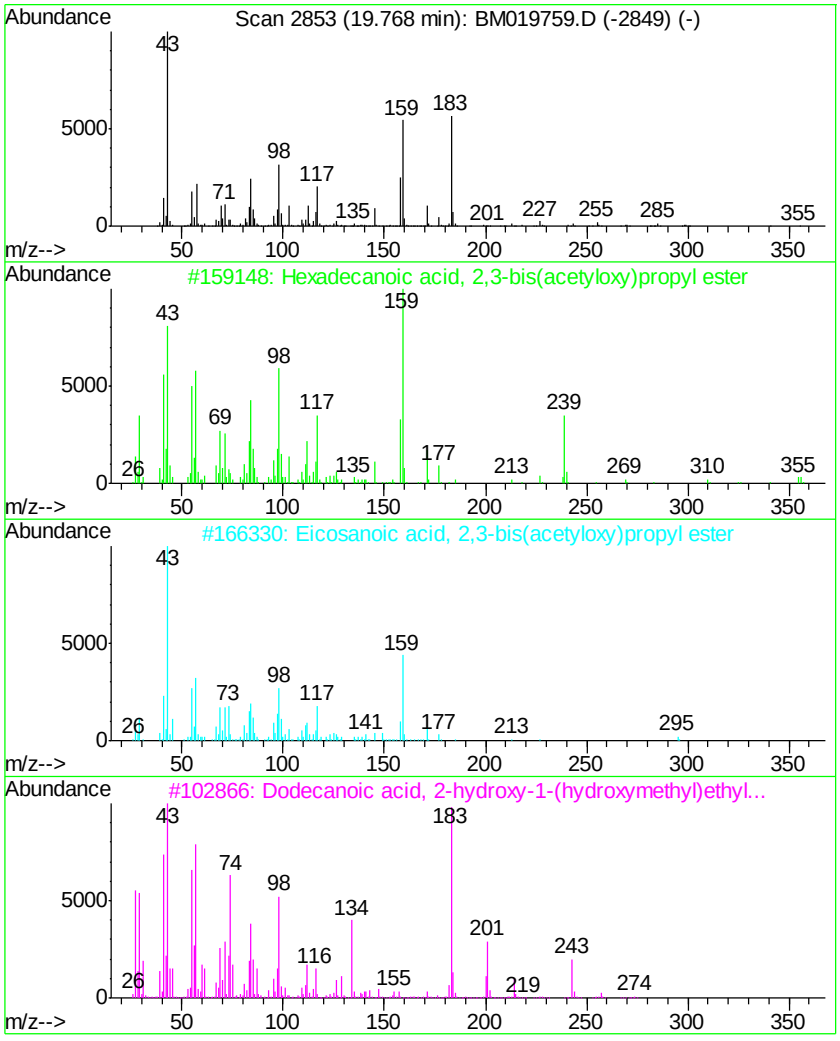
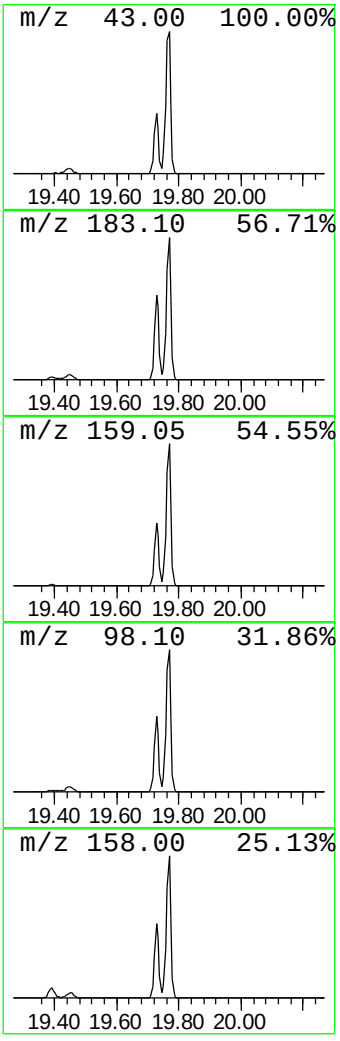
Peak Number 12 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	35.38 ng/ul	4427710	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	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	16
3	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	16
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 : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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Quant Title : SVOA CALIBRATION

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

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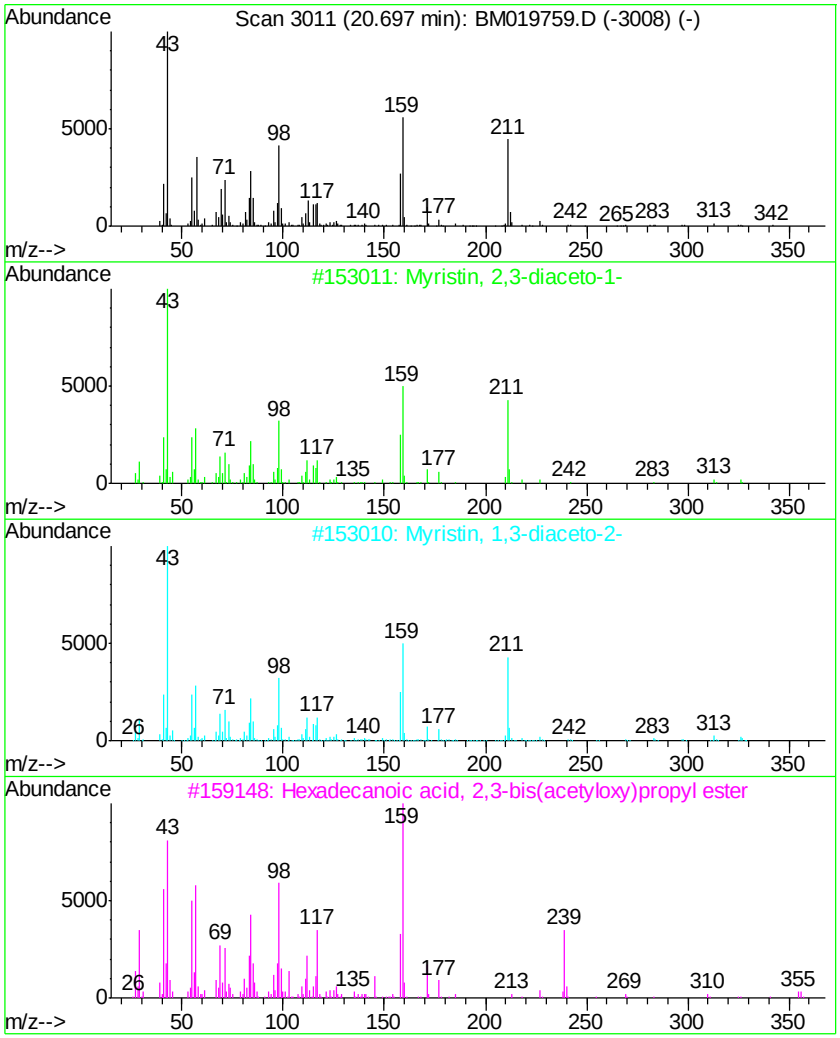
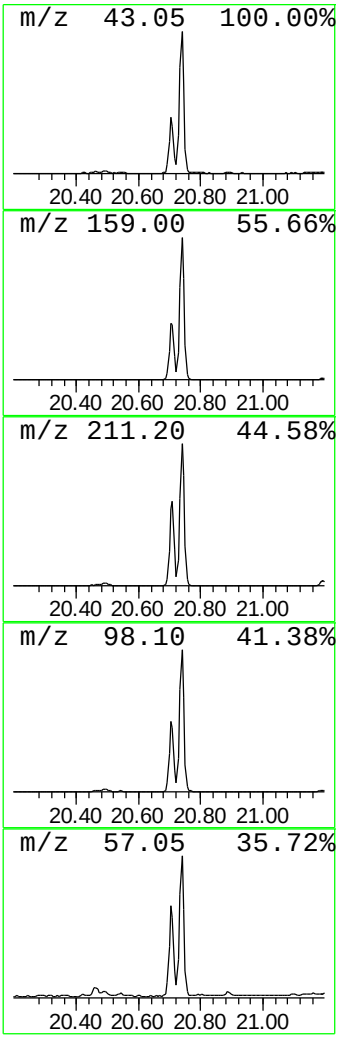
Peak Number 13 Myristin, 2,3-diaceto-1- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	8.73 ng/ul	1092370	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	62
4	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	47
5	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	25





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Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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Quant Title : SVOA CALIBRATION

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

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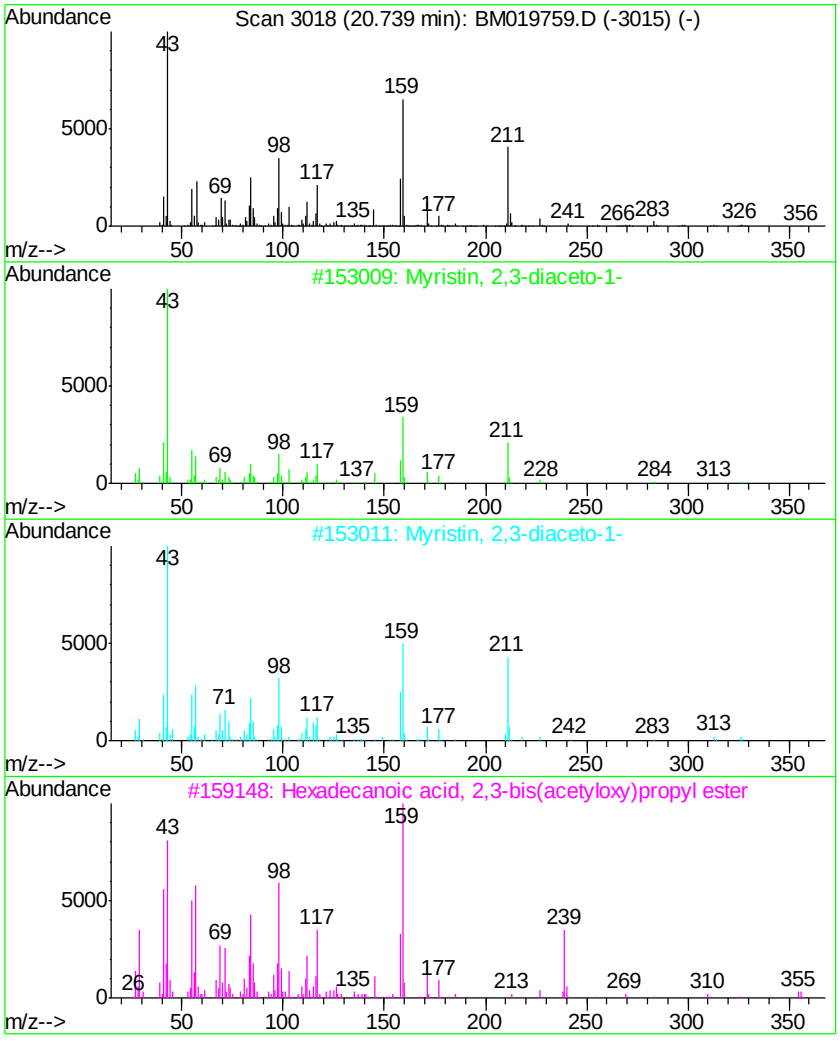
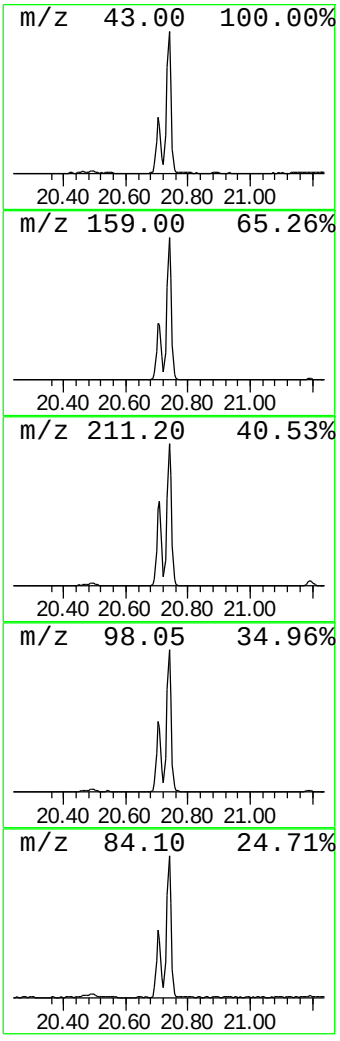
Peak Number 14 Hexadecanoic acid, 2,3-bis(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	17.08 ng/ul	2137930	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	90
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	83
3	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	70
4	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	64
5	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	14





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Sample : K2218-13
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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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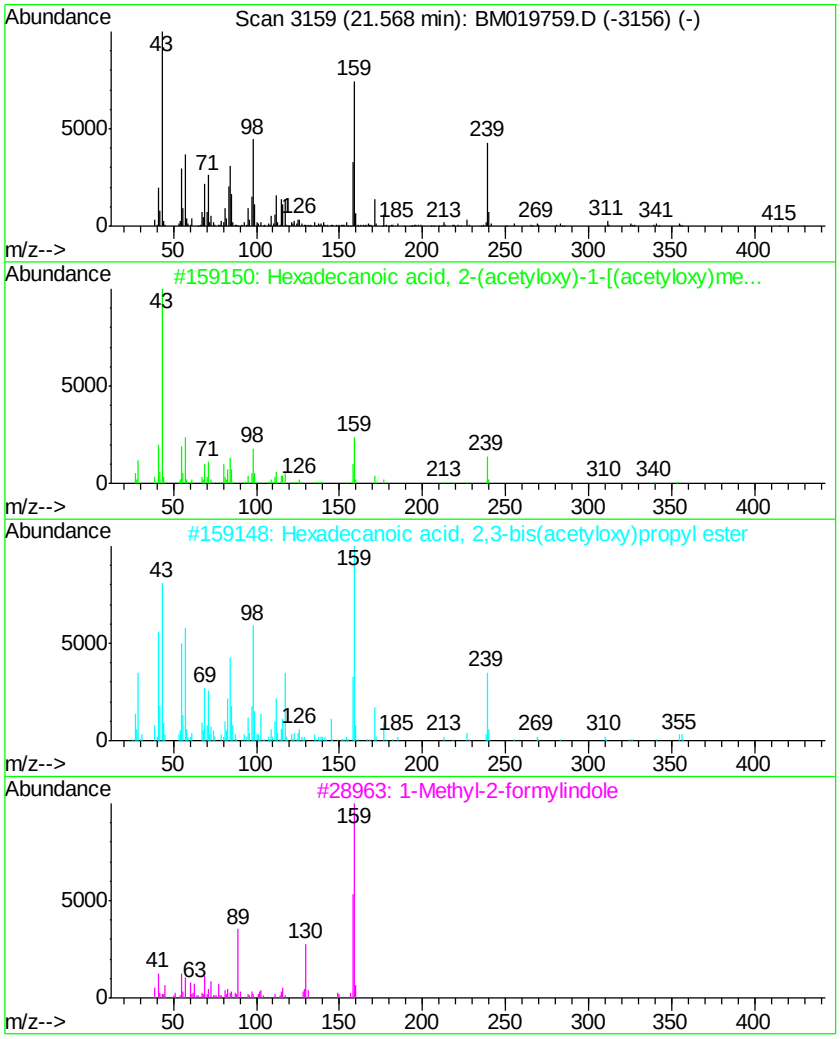
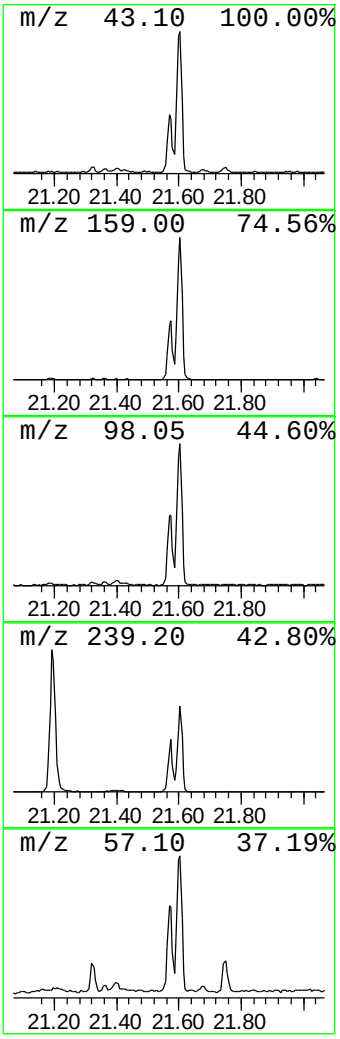
Peak Number 15 unknown-06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	5.13 ng/ul	641888	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	87
3	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	25
4	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	25
5	2,3,4-Trifluorobenzoic acid, 3-p...	386	C22H33F3O2	1000280-62-2	22





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Quant Title : SVOA CALIBRATION

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

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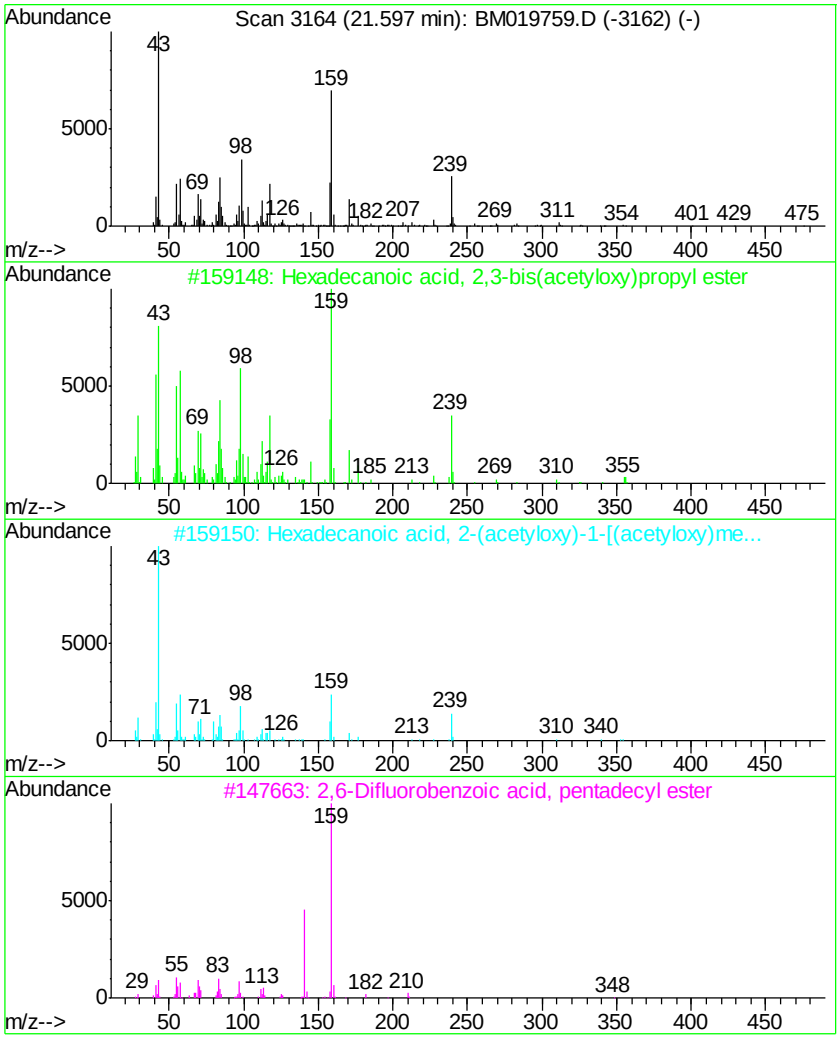
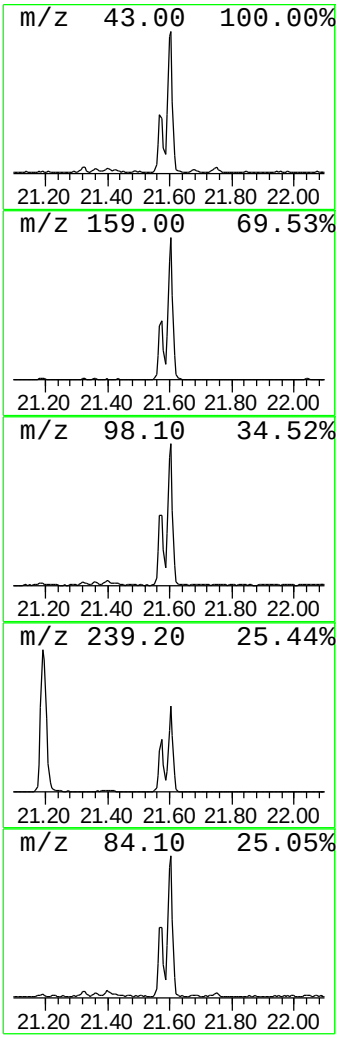
Peak Number 16 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	9.90 ng/ul	1239360	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	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	38
3	2,6-Difluorobenzoic acid, pentad...	368	C22H34F2O2	1000292-39-5	27
4	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27
5	1,3-Dioxolane-2,2-diacetic acid,...	246	C11H18O6	071022-90-7	27





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Quant Title : SVOA CALIBRATION

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

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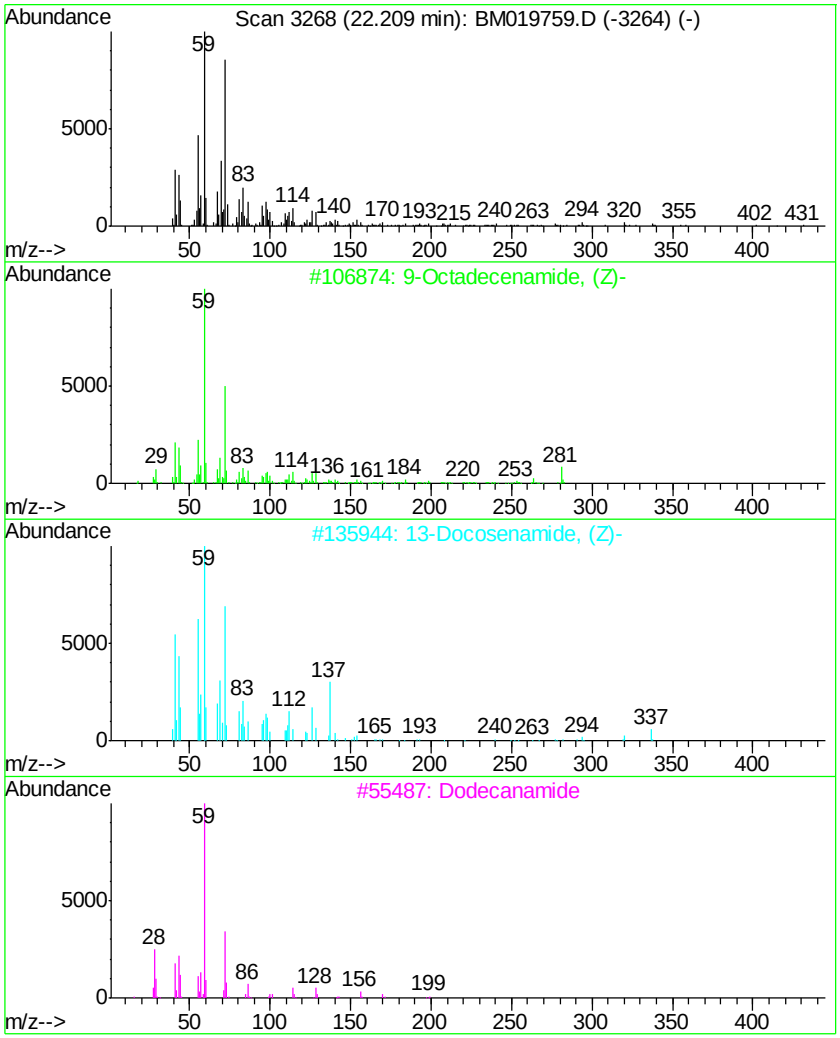
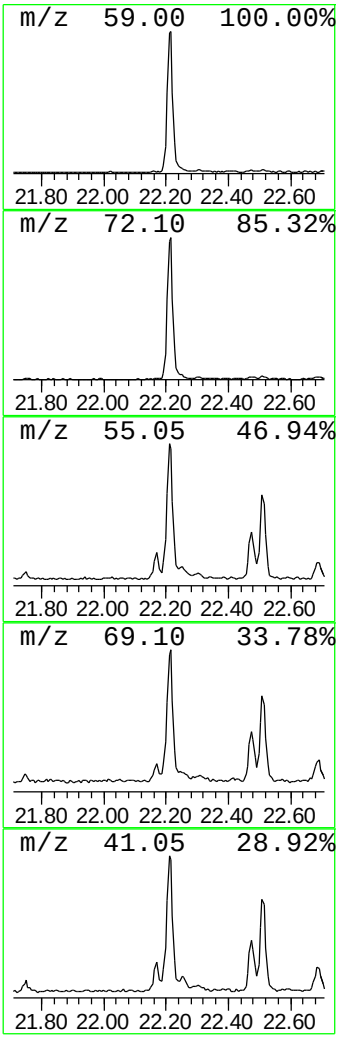
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	7.39 ng/ul	924971	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	50
3	Dodecanamide	199	C12H25NO	001120-16-7	43
4	Decanamide-	171	C10H21NO	002319-29-1	43
5	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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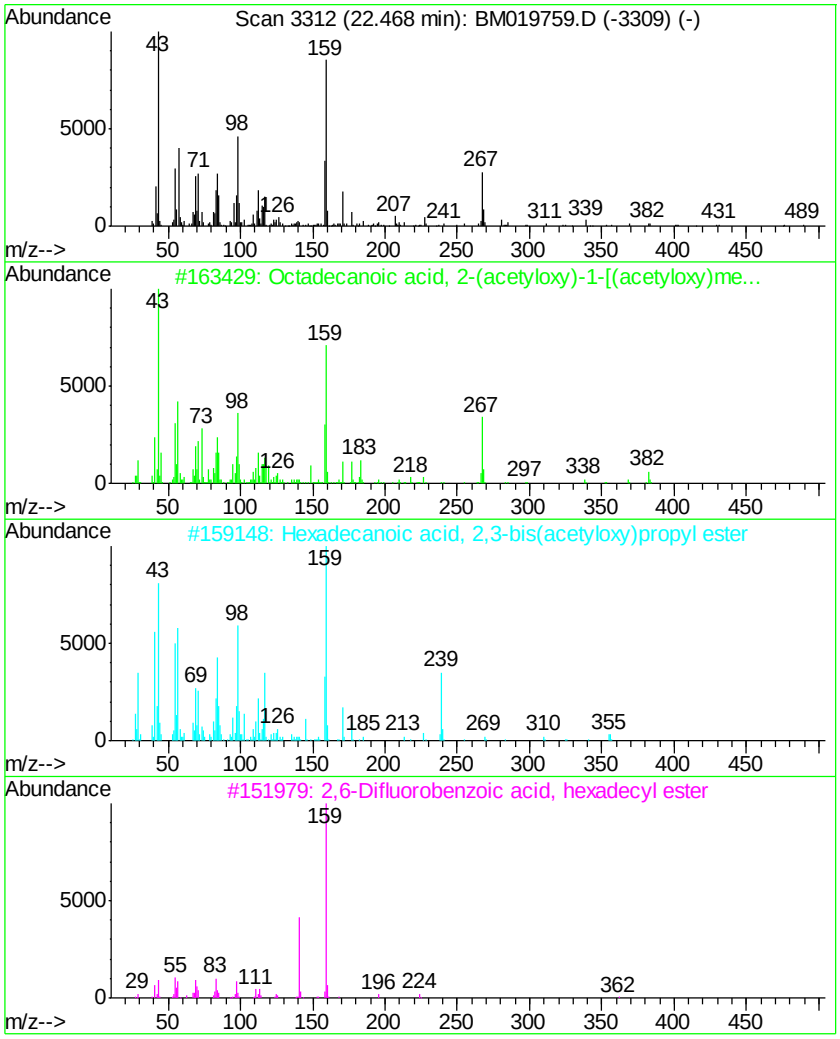
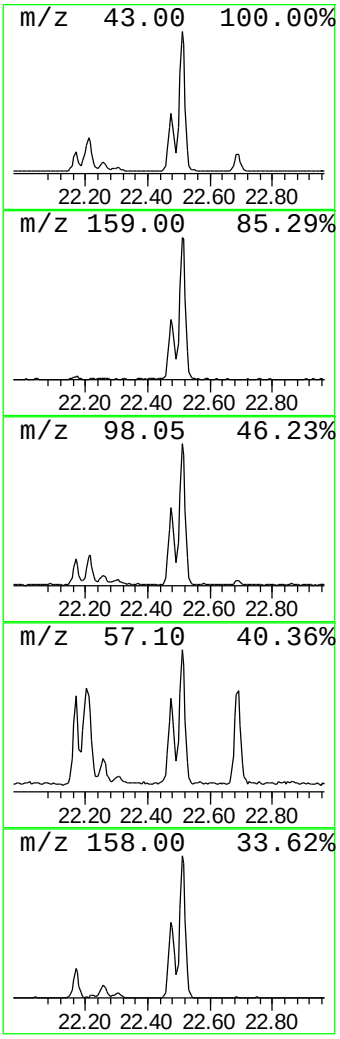
Peak Number 18 Octadecanoic acid, 2-(acety... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	5.82 ng/ul	598401	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	81
3	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	27
4	2,3,4-Trifluorobenzoic acid, 4-p...	386	C22H33F3O2	1000280-62-3	27
5	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	25





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Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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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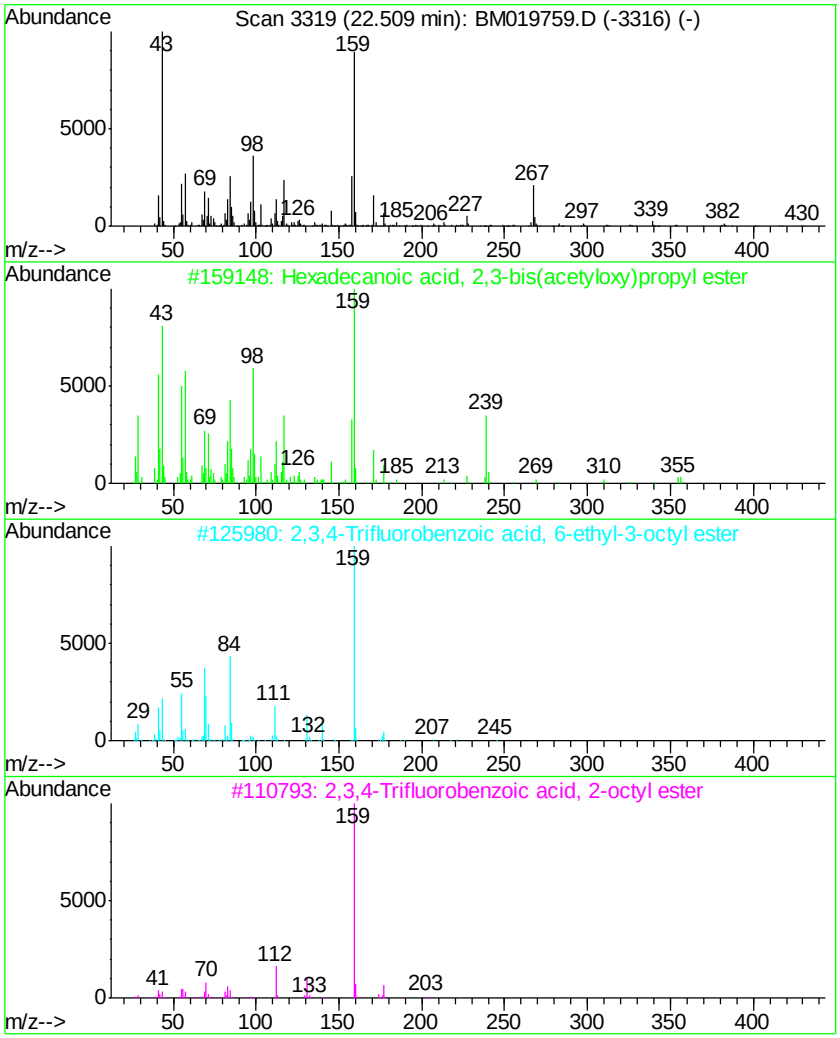
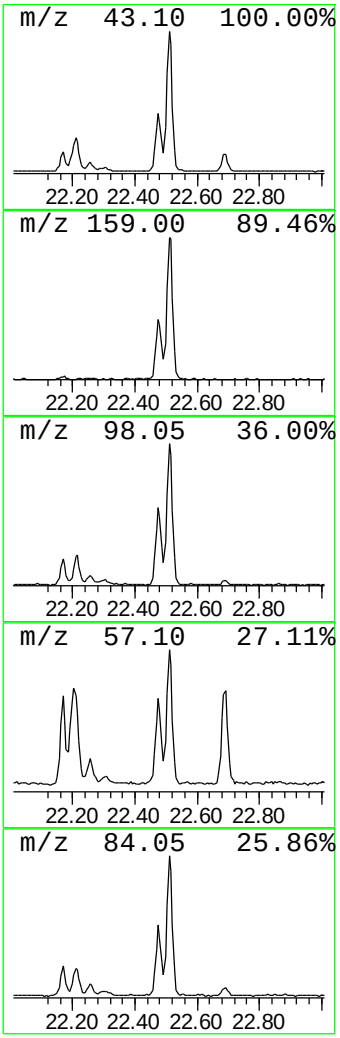
Peak Number 19 unknown-08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	11.39 ng/ul	1171200	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	58
2	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	35
3	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27
4	2,3,4-Trifluorobenzoic acid, 3-t...	372	C21H31F3O2	1000280-61-9	25
5	2,3,4-Trifluorobenzoic acid, 3-t...	358	C20H29F3O2	1000280-61-8	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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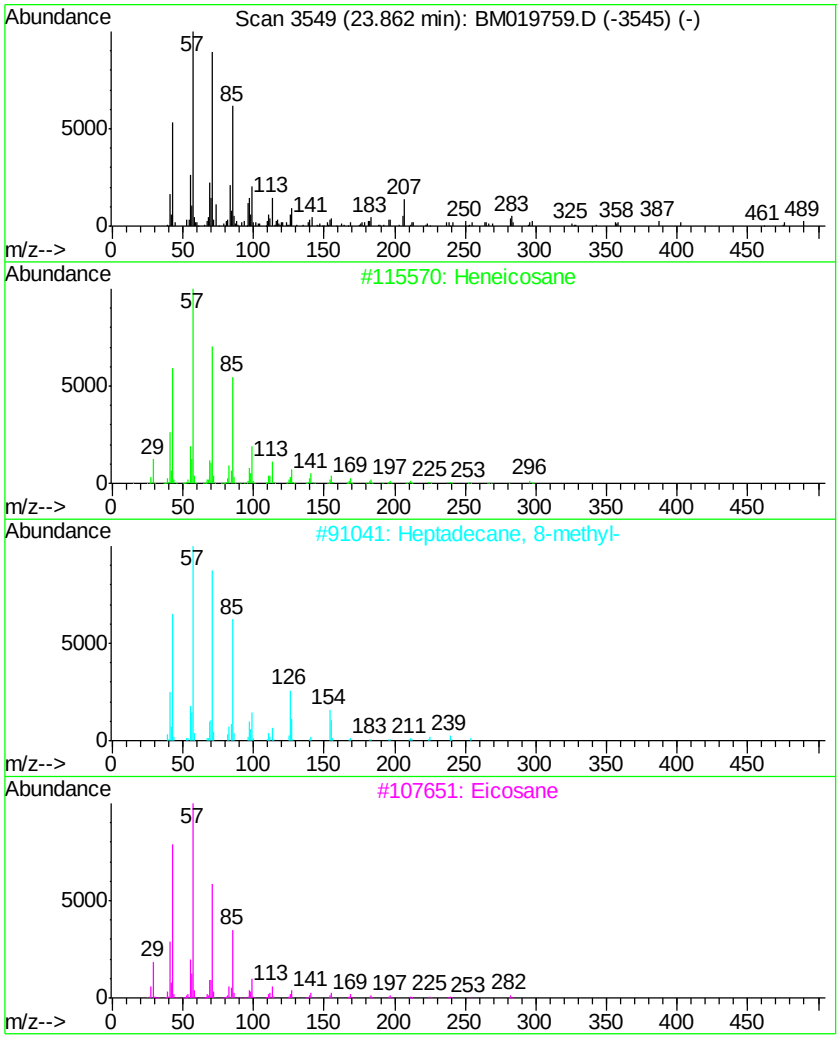
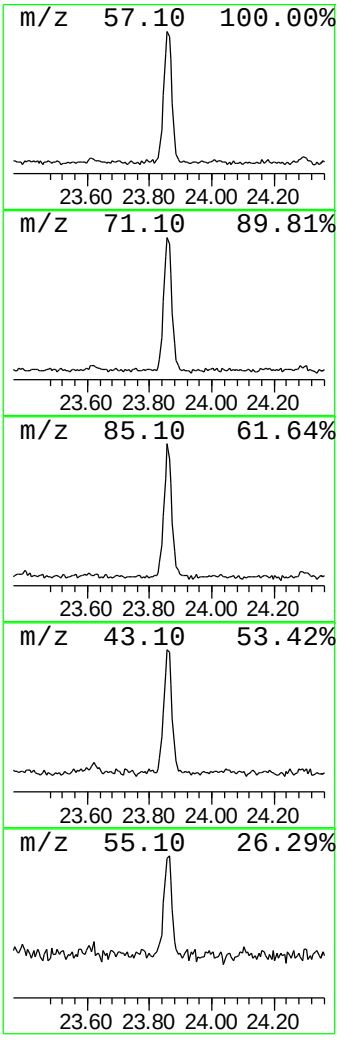
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.24 ng/ul	230247	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Eicosane	282	C20H42	000112-95-8	81
5	Tetratetracontane	619	C44H90	007098-22-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019759.D
Acq On : 05 Apr 2019 21:10
Operator : JU/SJ
Sample : K2218-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF633

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
Mequinol	8.66	3.4	ng/ul	155701	1	7.56	905578	20.0
Vanillin	13.17	4.3	ng/ul	446358	3	14.22	2086900	20.0
Dodecanoic acid	14.66	5.4	ng/ul	563235	3	14.22	2086900	20.0
Diethyltoluamide	14.98	4.7	ng/ul	490036	3	14.22	2086900	20.0
Octanethioic acid...	17.27	3.9	ng/ul	468650	4	16.98	2404250	20.0
unknown-01	17.32	8.3	ng/ul	991903	4	16.98	2404250	20.0
7,9-Di-tert-butyl...	17.64	4.7	ng/ul	563207	4	16.98	2404250	20.0
Decanoic acid, 2-...	18.59	3.4	ng/ul	408098	4	16.98	2404250	20.0
unknown-02	18.64	7.3	ng/ul	878262	4	16.98	2404250	20.0
unknown-03	19.45	2.7	ng/ul	332674	5	21.19	2503110	20.0
unknown-04	19.73	17.5	ng/ul	2195710	5	21.19	2503110	20.0
unknown-05	19.77	35.4	ng/ul	4427710	5	21.19	2503110	20.0
Myristin, 2,3-dia...	20.70	8.7	ng/ul	1092370	5	21.19	2503110	20.0
Hexadecanoic acid...	20.74	17.1	ng/ul	2137930	5	21.19	2503110	20.0
unknown-06	21.57	5.1	ng/ul	641888	5	21.19	2503110	20.0
unknown-07	21.60	9.9	ng/ul	1239360	5	21.19	2503110	20.0
9-Octadecenamide,...	22.21	7.4	ng/ul	924971	5	21.19	2503110	20.0
Octadecanoic acid...	22.47	5.8	ng/ul	598401	6	23.39	2056830	20.0
unknown-08	22.51	11.4	ng/ul	1171200	6	23.39	2056830	20.0
(DEL) Alkane: Str...	23.86	2.2	ng/ul	230247	6	23.39	2056830	20.0