LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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	26	rBV	19518	21561	0.18%	0.021%
2	4.181	200	203	211	rVB4	9845	16476	0.14%	0.016%
3	6.751	633	640	652	rBV2	171945	354396	3.01%	0.342%
4	6.916	661	668	685	rBV	510421	915397	7.77%	0.883%
5	7.092	692	698	721	rVB	622298	1080944	9.17%	1.043%
6	7.557	771	777	785	rBV	608690	1005739	8.53%	0.970%
7	7.639	785	791	801	rVB4	23131	61275	0.52%	0.059%
8	8.275	893	899	917	rBV	484815	919218	7.80%	0.887%
9	8.404	917	921	932	rVB	14127	26019	0.22%	0.025%
10	8.657	958	964	970	rBV	106384	173787	1.47%	0.168%
11	8.728	970	976	985	rVV	695438	1218614	10.34%	1.175%
12	8.798	986	988	997	rVV	19950	44936	0.38%	0.043%
13	8.881	997	1002	1007	rVB5	12919	21958	0.19%	0.021%
14	9.445	1090	1098	1112	rBV	604764	1077623	9.14%	1.039%
15	9.704	1136	1142	1152	rBV5	25103	69578	0.59%	0.067%
16	9.975	1181	1188	1211	rBV	780431	1659850	14.08%	1.601%
17	10.286	1234	1241	1244	rBV	43556	85873	0.73%	0.083%
18	10.339	1244	1250	1258	rVV	957498	1633462	13.86%	1.576%
19	10.398	1258	1260	1267	rVB2	13568	18132	0.15%	0.017%
20	10.533	1278	1283	1291	rBV3	13239	31297	0.27%	0.030%
21	10.886	1337	1343	1348	rBV3	17521	47393	0.40%	0.046%
22	10.939	1349	1352	1365	rVV2	22536	61122	0.52%	0.059%
23	11.045	1365	1370	1382	rVB3	7595	23373	0.20%	0.023%
24	11.175	1387	1392	1399	rVV5	5515	12085	0.10%	0.012%
25	11.669	1469	1476	1490	rBV	77400	172791	1.47%	0.167%
26	11.945	1518	1523	1530	rBV4	11061	22617	0.19%	0.022%
27	12.498	1612	1617	1629	rBV2	57309	125975	1.07%	0.122%
28	13.169	1725	1731	1748	rBV	194895	432026	3.66%	0.417%
29	13.645	1805	1812	1825	rBV	1887848	2628001	22.29%	2.535%
30	13.916	1851	1858	1874	rBV	2217744	3269745	27.74%	3.154%
31	14.221	1901	1910	1926	rVB2	1603946	2302282	19.53%	2.221%
32	14.504	1953	1958	1972	rBV2	60541	194611	1.65%	0.188%
33	14.663	1978	1985	1999	rBV	669962	954560	8.10%	0.921%
34	14.904	2021	2026	2032	rVB2	40710	64259	0.55%	0.062%

LSC Area Percent Report

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Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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	14.980	2033	2039	2046	rVV	373959	492296	4.18%	0.475%
36	15.045	2046	2050	2061	rVB6	24079	53056	0.45%	0.051%
37	15.163	2065	2070	2074	rBV2	25489	41347	0.35%	0.040%
38	15.221	2074	2080	2094	rVB	2885174	4046779	34.33%	3.903%
39	15.374	2100	2106	2118	rBV	737870	1132618	9.61%	1.093%
40	15.462	2118	2121	2127	rVB2	33533	49905	0.42%	0.048%
41	15.604	2141	2145	2152	rVB3	19195	31049	0.26%	0.030%
42	15.792	2172	2177	2182	rBV	402910	489204	4.15%	0.472%
43	15.851	2182	2187	2193	rVB	835797	1018045	8.64%	0.982%
44	16.010	2211	2214	2218	rVB3	11090	12662	0.11%	0.012%
45	16.386	2272	2278	2287	rBV2	49034	78459	0.67%	0.076%
46	16.568	2304	2309	2313	rBV2	10803	15267	0.13%	0.015%
47	16.709	2327	2333	2339	rBV	86867	149888	1.27%	0.145%
48	16.792	2339	2347	2361	rVB	722863	1148704	9.74%	1.108%
49	16.980	2373	2379	2389	rBV2	1885874	2652638	22.50%	2.559%
50	17.080	2390	2396	2408	rBV	3231084	4499078	38.16%	4.340%
51	17.274	2423	2429	2433	rBV	5012695	5917765	50.20%	5.708%
52	17.327	2433	2438	2442	rVB	10542102	11788525	100.00%	11.371%
53	17.562	2473	2478	2481	rBV	45739	59469	0.50%	0.057%
54	17.615	2484	2487	2489	rVV	79135	96385	0.82%	0.093%
55	17.645	2489	2492	2500	rVB	282433	350889	2.98%	0.338%
56	17.821	2517	2522	2527	rBV8	7236	13376	0.11%	0.013%
57	17.874	2527	2531	2540	rVV	74087	118745	1.01%	0.115%
58	17.951	2542	2544	2546	rVV	16554	19039	0.16%	0.018%
59	17.980	2546	2549	2554	rVB3	16446	22878	0.19%	0.022%
60	18.133	2570	2575	2579	rBV4	38259	78039	0.66%	0.075%
61	18.221	2584	2590	2600	rVB	259769	413168	3.50%	0.399%
62	18.386	2615	2618	2626	rVB4	22810	36597	0.31%	0.035%
63	18.592	2648	2653	2657	rBV	946052	1019873	8.65%	0.984%
64	18.639	2657	2661	2672	rVV	1780219	2098633	17.80%	2.024%
65	18.739	2674	2678	2682	rBV2	22881	27445	0.23%	0.026%
66	19.027	2721	2727	2732	rBV	36987	54487	0.46%	0.053%
67	19.168	2746	2751	2759	rBV	155040	252662	2.14%	0.244%
68	19.280	2766	2770	2774	rBV2	31049	40294	0.34%	0.039%
69	19.392	2783	2789	2794	rBV	3848552	5135907	43.57%	4.954%
70	19.450	2794	2799	2805	rVB	447397	702779	5.96%	0.678%
71	19.727	2841	2846	2849	rBV	3960123	4448408	37.74%	4.291%

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Instrument : BNA_M
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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

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Peak separation: 5

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

72	19.768	2849	2853	2857	rVB	8583569	9013813	76.46%	8.695%
73	20.462	2967	2971	2973	rBV	75527	89062	0.76%	0.086%
74	20.492	2973	2976	2981	rVB	94694	126257	1.07%	0.122%
75	20.545	2982	2985	2989	rVV3	27647	37091	0.31%	0.036%
76	20.703	3008	3012	3015	rBV	1832280	2021170	17.15%	1.950%
77	20.739	3015	3018	3023	rVB	3907096	4024561	34.14%	3.882%
78	21.192	3090	3095	3107	rBV	2072279	2653711	22.51%	2.560%
79	21.327	3114	3118	3121	rBV2	117570	133611	1.13%	0.129%
80	21.362	3121	3124	3127	rBV2	83629	92906	0.79%	0.090%
81	21.397	3128	3130	3133	rVV2	51850	61380	0.52%	0.059%
82	21.574	3156	3160	3162	rBV	1049992	1121097	9.51%	1.081%
83	21.603	3162	3165	3170	rVB	2143140	2203500	18.69%	2.125%
84	21.750	3187	3190	3195	rVB3	78504	91434	0.78%	0.088%
85	22.168	3257	3261	3264	rBV	393666	501981	4.26%	0.484%
86	22.215	3264	3269	3273	rVV2	971706	1386711	11.76%	1.338%
87	22.256	3274	3276	3280	rVB	137155	158096	1.34%	0.152%
88	22.480	3309	3314	3316	rBV	752683	1019782	8.65%	0.984%
89	22.515	3316	3320	3328	rVB	1585712	2032649	17.24%	1.961%
90	22.691	3346	3350	3358	rVB2	195044	297390	2.52%	0.287%
91	23.144	3424	3427	3430	rBV2	71470	90681	0.77%	0.087%
92	23.256	3438	3446	3457	rBV2	2200190	4198710	35.62%	4.050%
93	23.391	3463	3469	3480	rVB2	1182703	2201407	18.67%	2.123%
94	23.856	3544	3548	3556	rVB	182796	345416	2.93%	0.333%
95	24.580	3666	3671	3679	rVB	212860	415715	3.53%	0.401%

Sum of corrected areas: 103671464

LSC Report - Integrated Chromatogram

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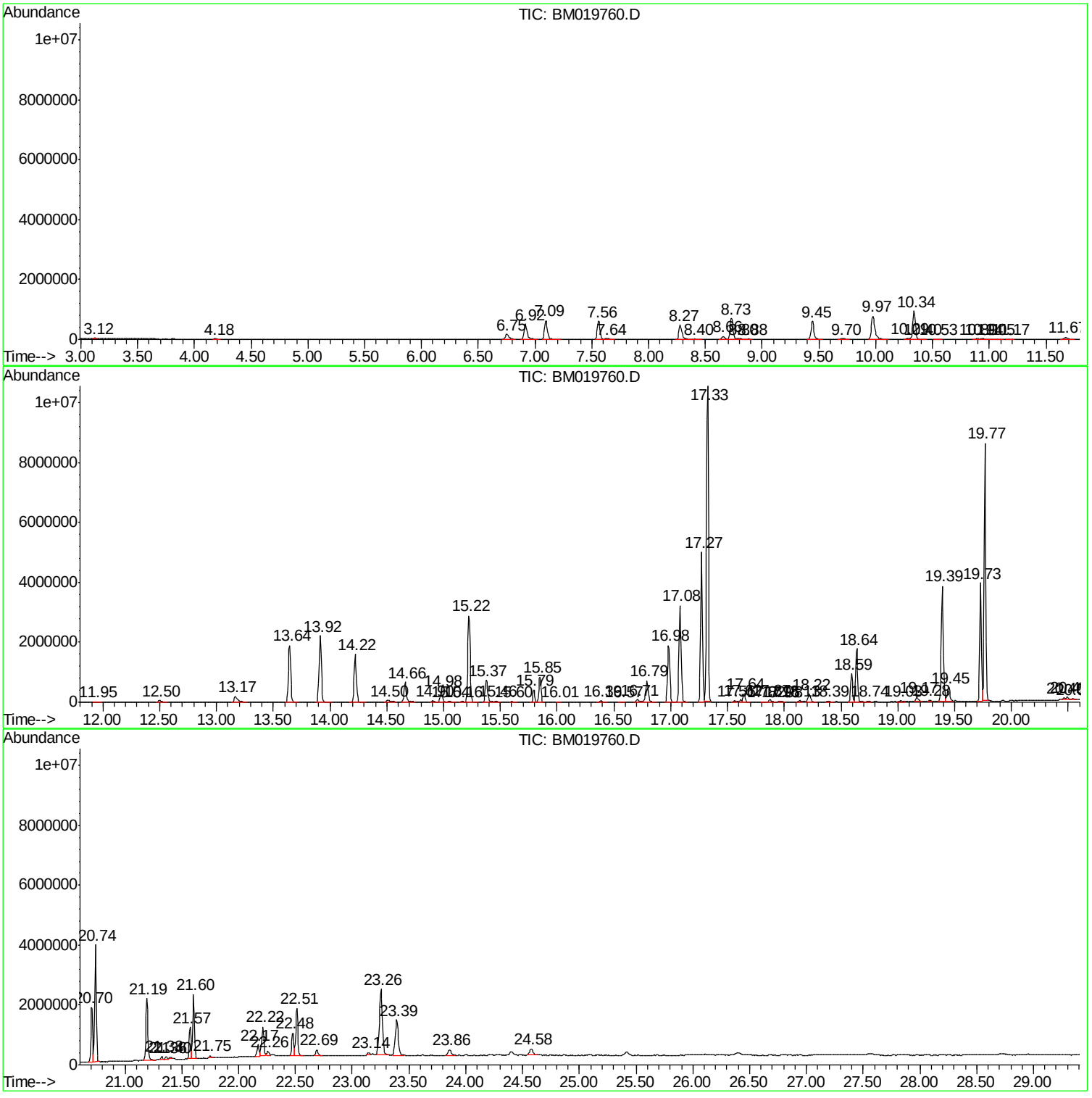
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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 : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
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Instrument : BNA_M
ClientSampleId : BF634

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

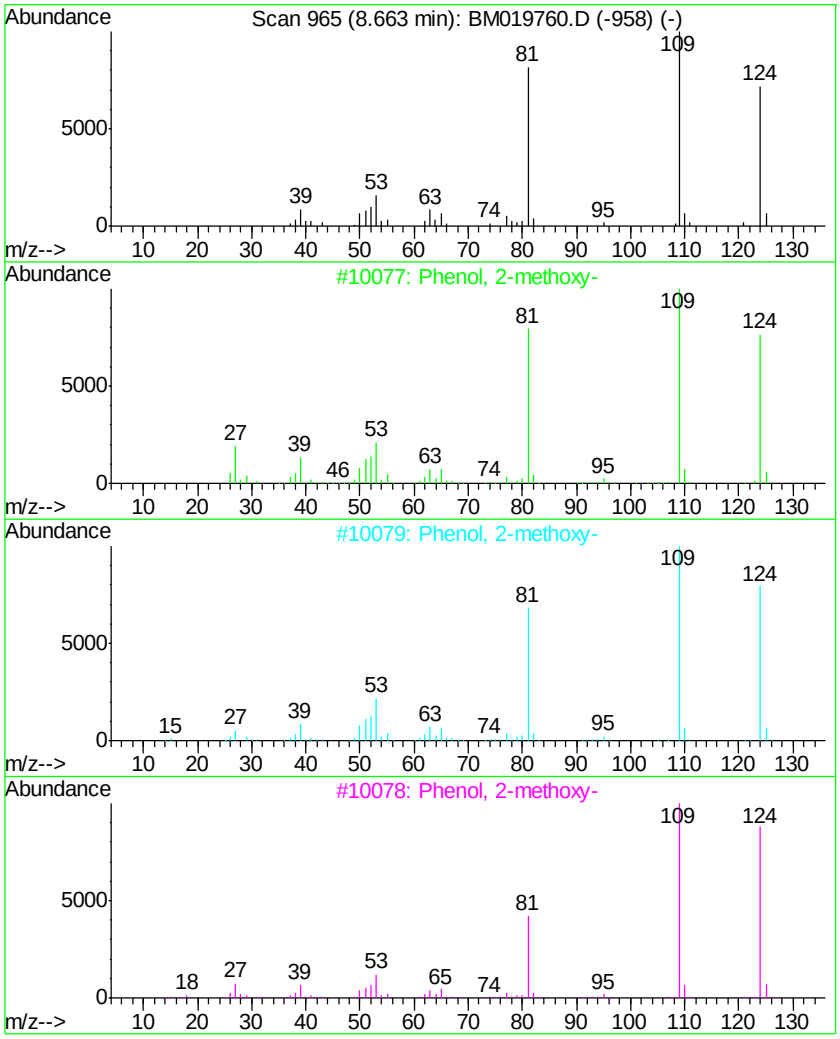
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

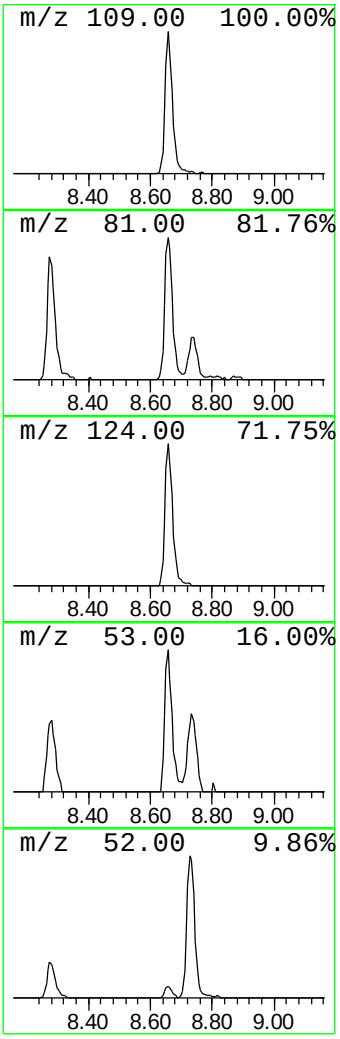
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	3.46 ng/ul	173787	1,4-Dichlorobenzene-d4	7.56

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





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Misc :
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Instrument : BNA_M
ClientSampleId : BF634

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

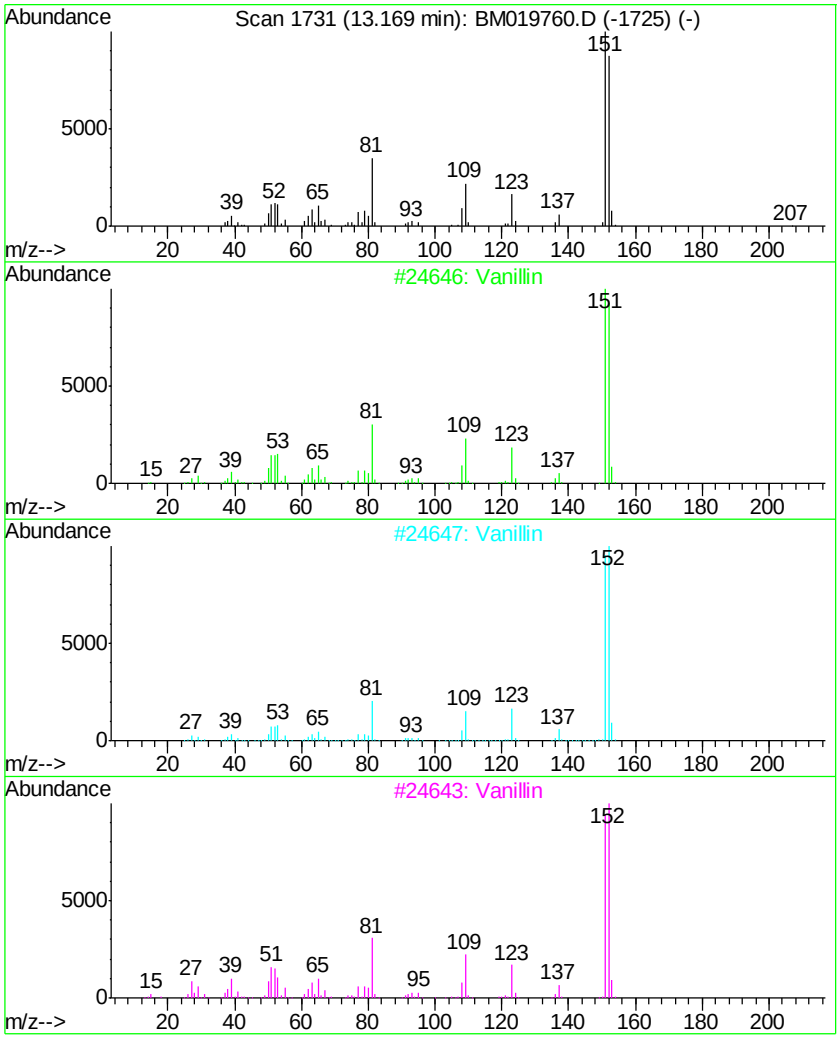
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

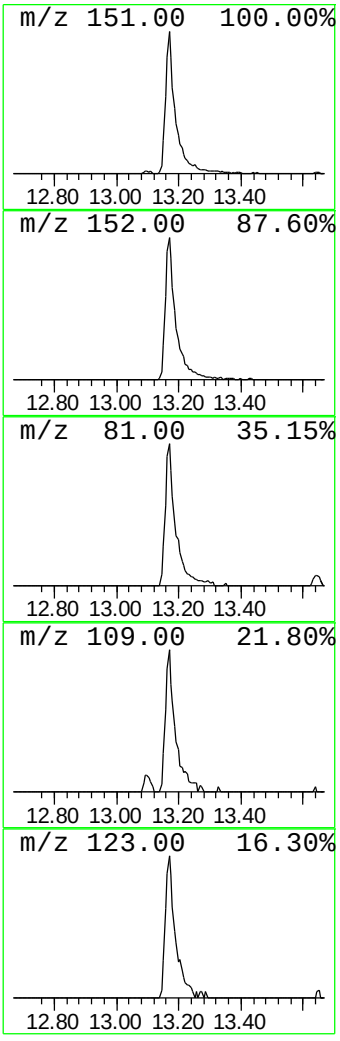
****

Peak Number 2 Vanillin Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.75 ng/ul	432026	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	97
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Vanillin	152	C8H8O3	000121-33-5	95





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BF634

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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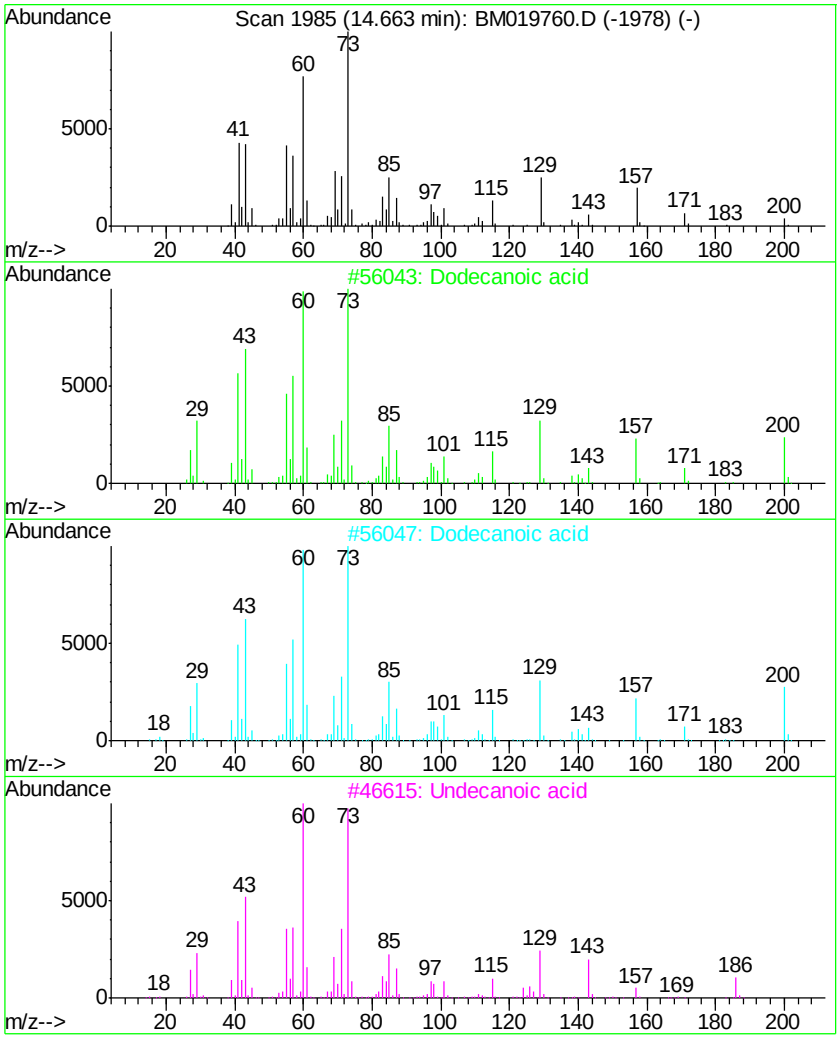
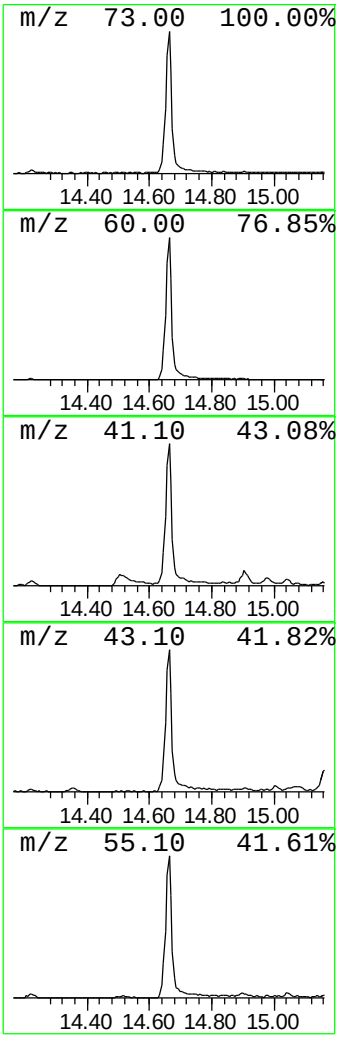
Peak Number 3 Dodecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	8.29 ng/ul	954560	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2	Dodecanoic acid	200	C12H24O2	000143-07-7	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

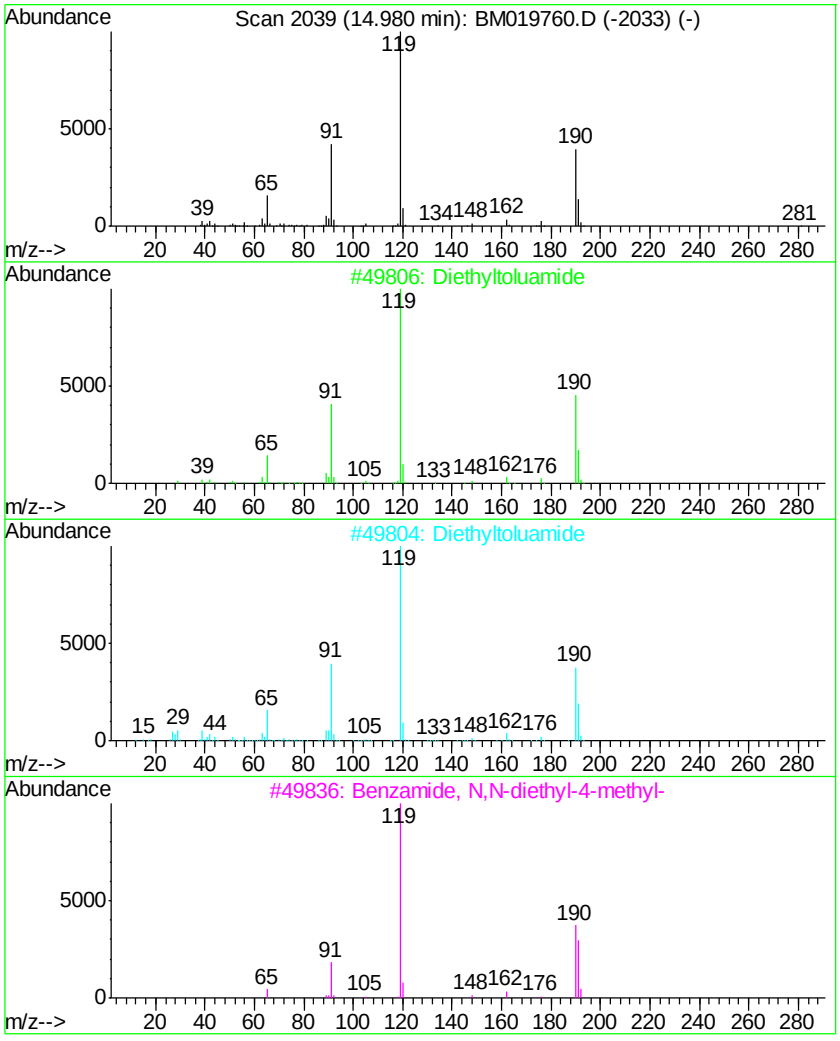
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

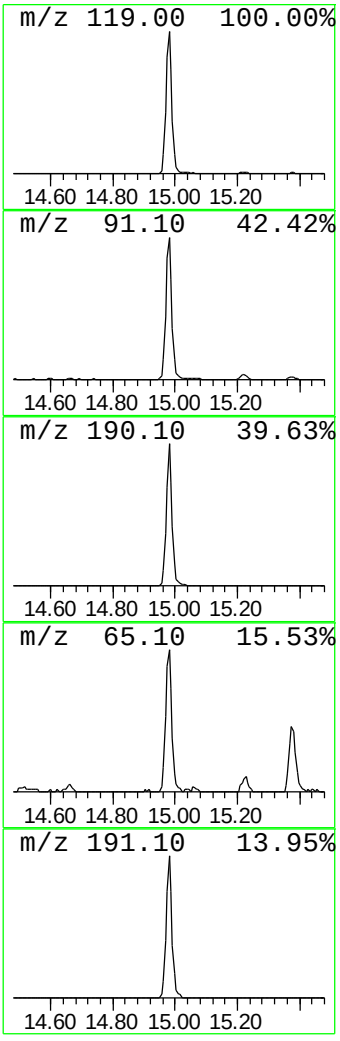
****

Peak Number 4 Diethyltoluamide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.28 ng/ul	492296	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	97
3	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	78
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	76
5	Diethyltoluamide	191	C12H17NO	000134-62-3	60





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

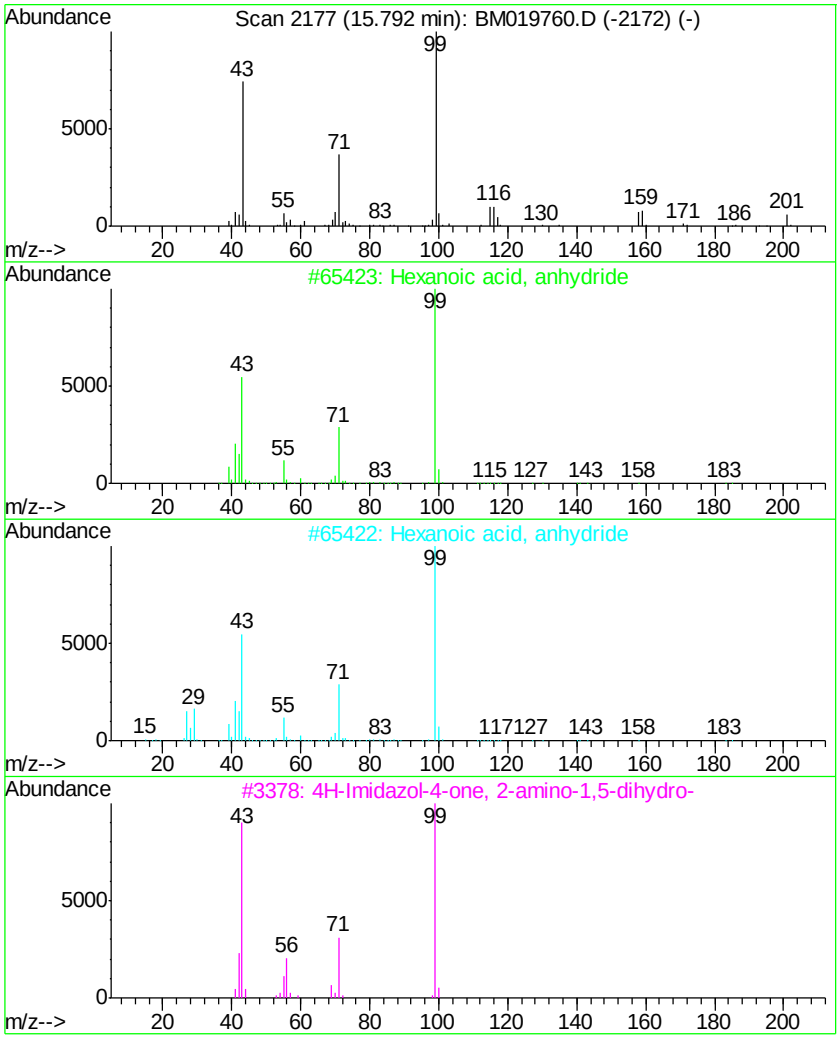
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

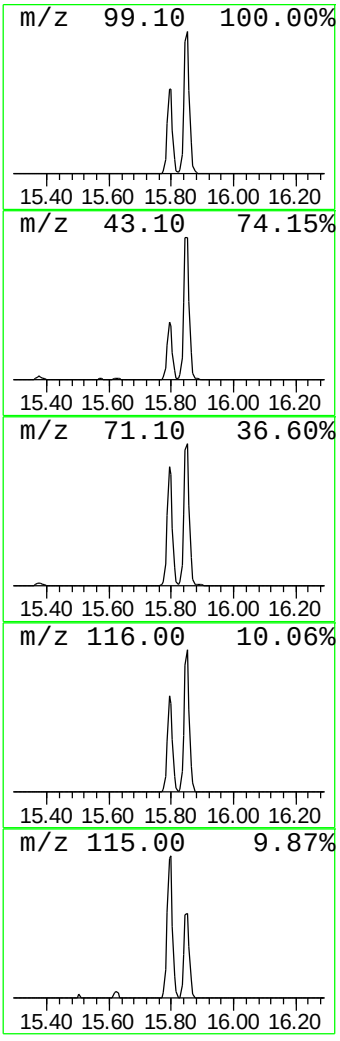
****

Peak Number 5 Hexanoic acid, anhydride Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	3.69 ng/ul	489204	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	59
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	59
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	47
5	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	47





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

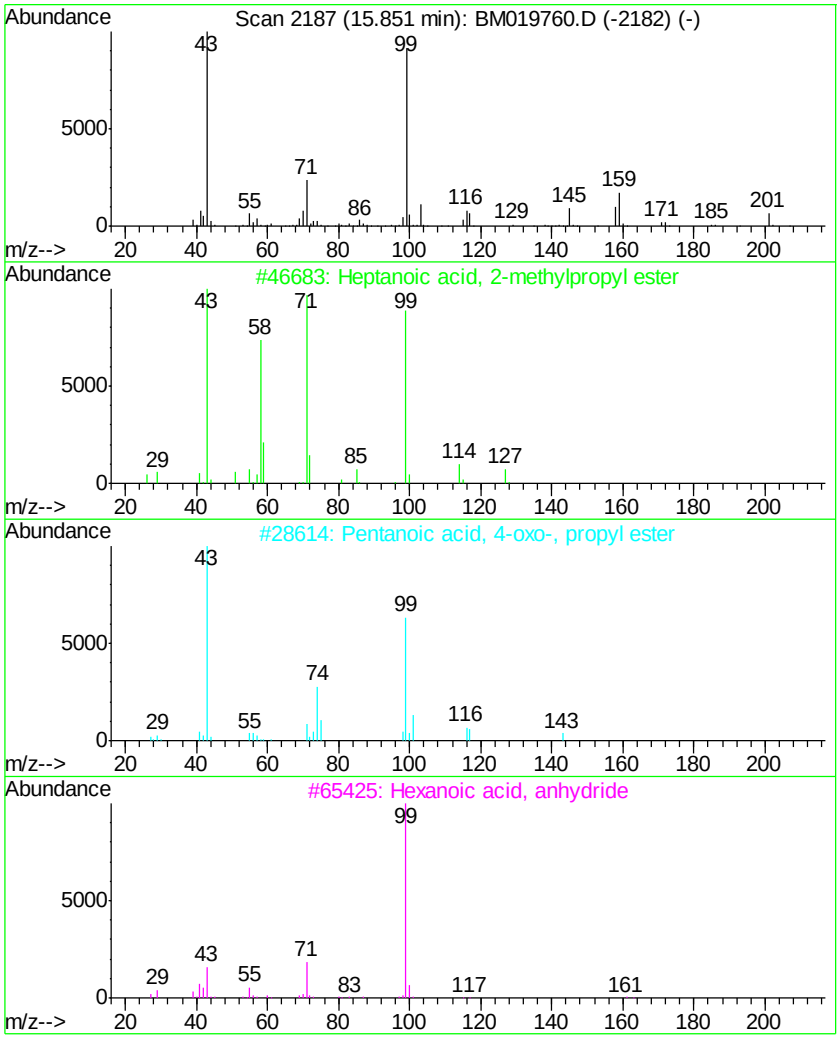
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

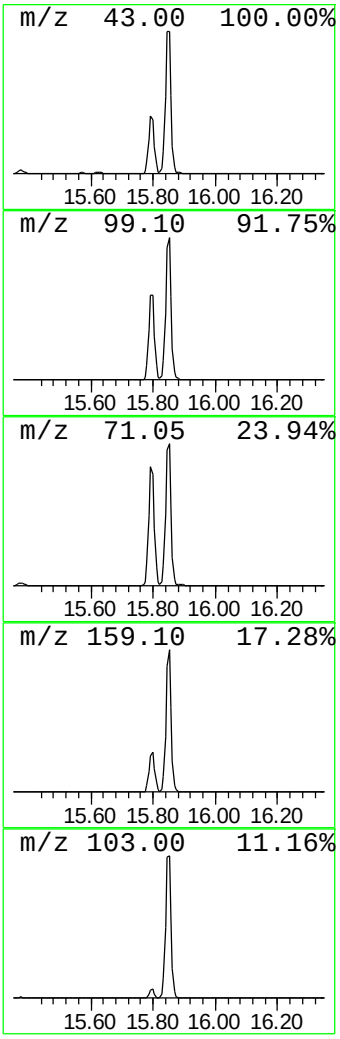
****

Peak Number 6 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	7.68 ng/ul	1018050	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, 2-methylpropyl e...	186	C11H22O2	007779-80-8	47
2	Pentanoic acid, 4-oxo-, propyl e...	158	C8H14O3	000645-67-0	47
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	47
4	Hexanoic acid, cyclobutyl ester	170	C10H18O2	1000282-83-1	40
5	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	40





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Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

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

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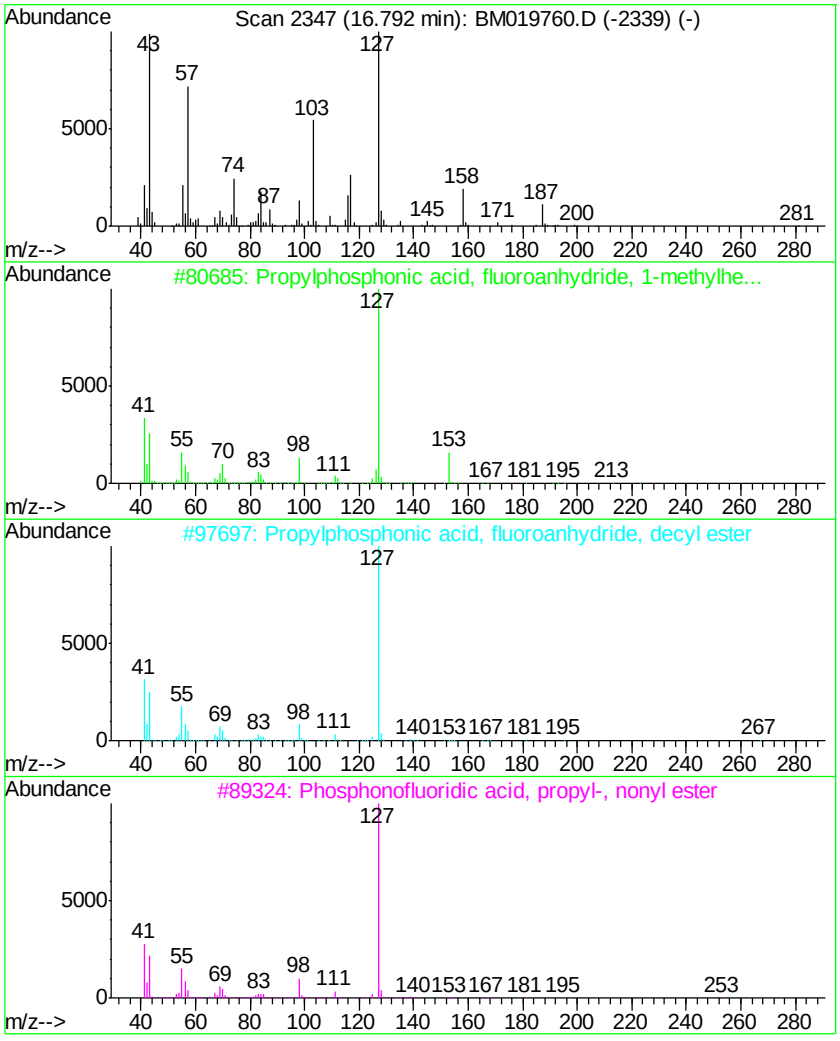
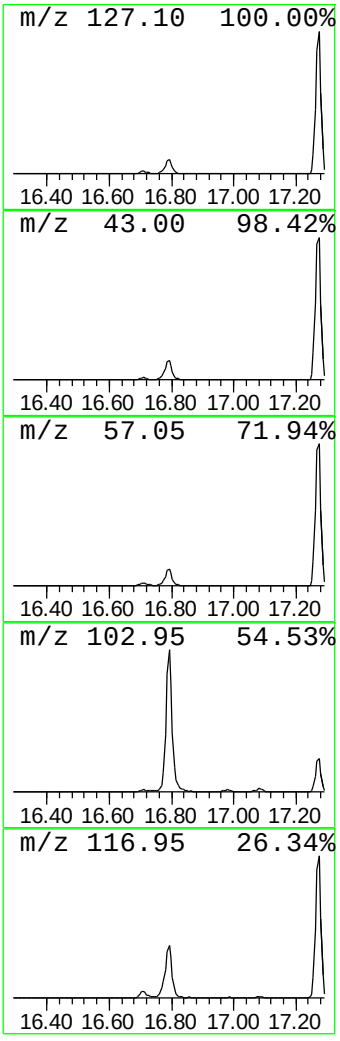
Peak Number 7 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	8.66 ng/ul	1148700	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	1000273-50-7	27
2	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	27
3	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	27
4	Octanoic acid, 3,5-difluoropheny...	256	C14H18F2O2	1000293-62-4	27
5	4-Ethyl-5-methylthiazole	127	C6H9NS	052414-91-2	22





Library Search Compound Report

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Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

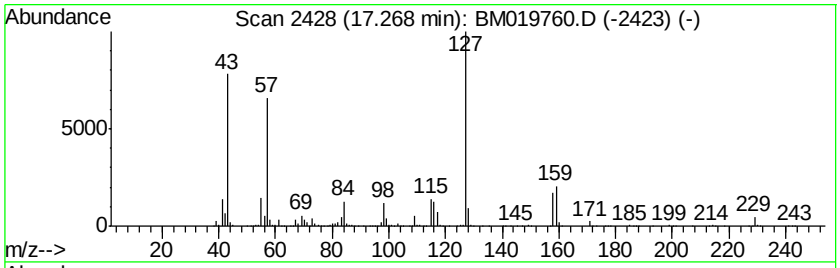
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

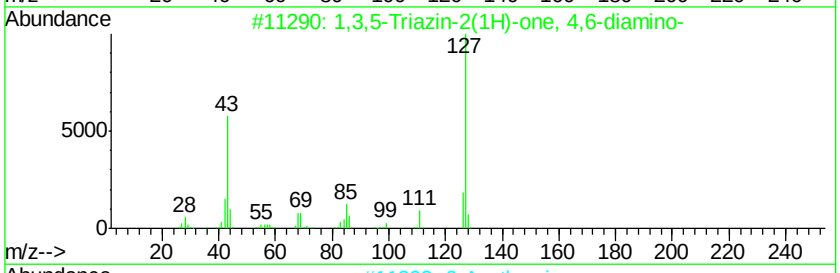
****

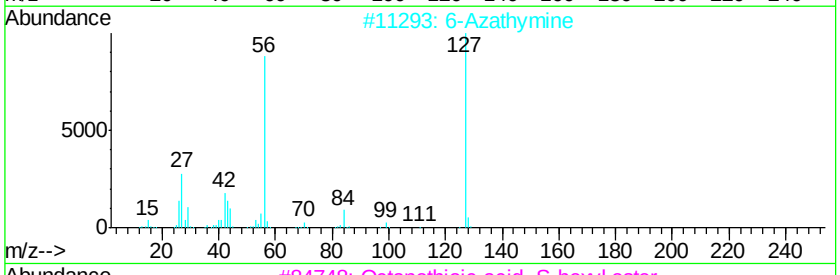
Peak Number 8 unknown-03 Concentration Rank 3

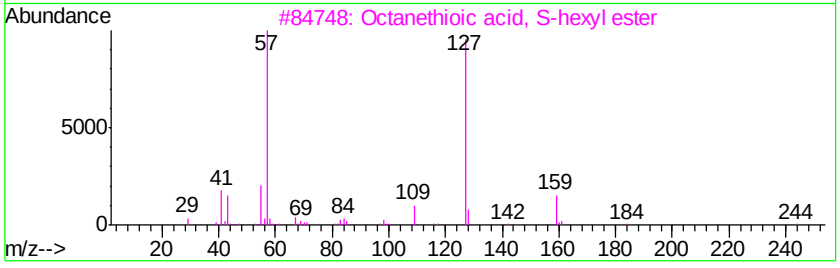
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	44.62 ng/ul	5917770	Phenanthrene-d10	16.98

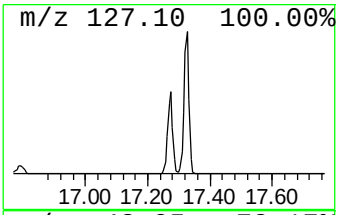
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	43
2	6-Azathymine	127	C4H5N3O2	000932-53-6	43
3	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	40
4	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	38
5	Octanoic acid, 4-pentadecyl ester	354	C23H46O2	1000280-63-2	38

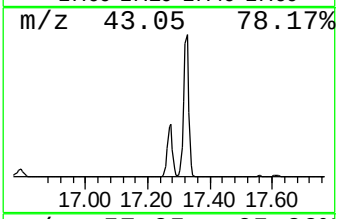


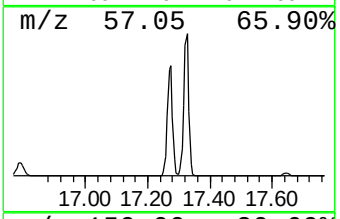


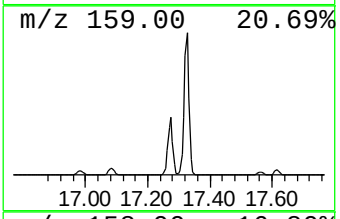


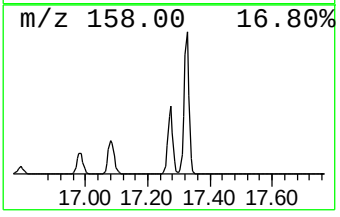












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Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

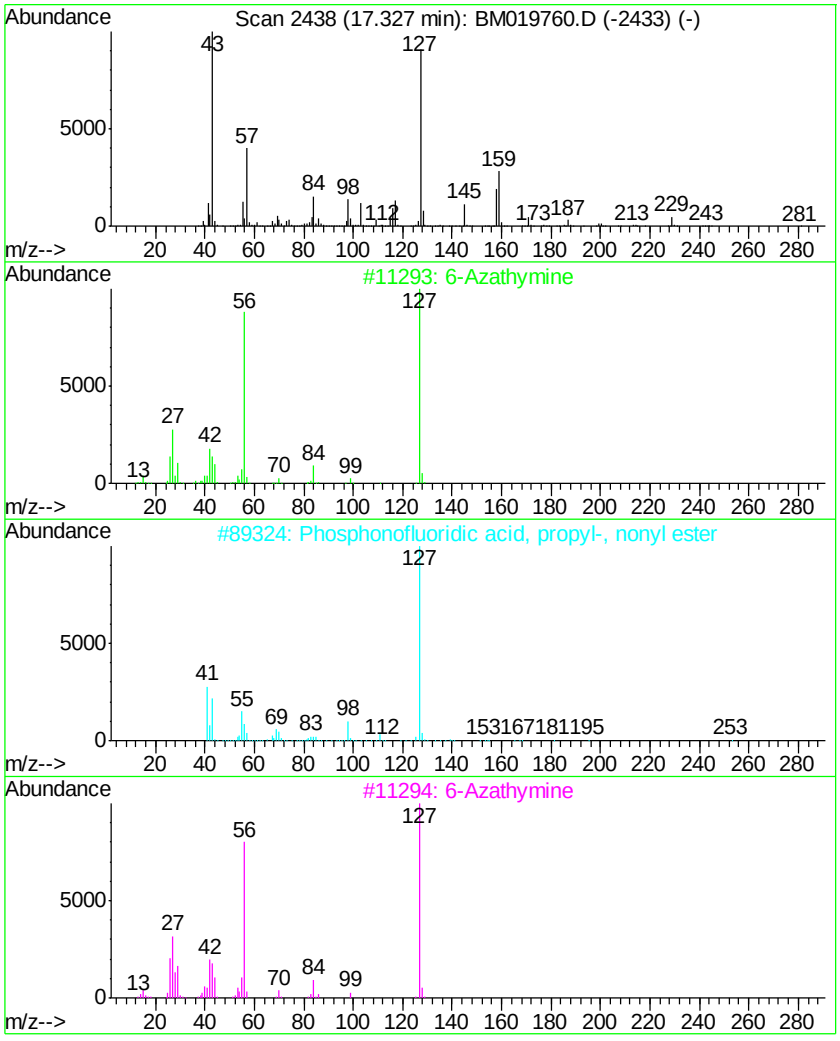
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

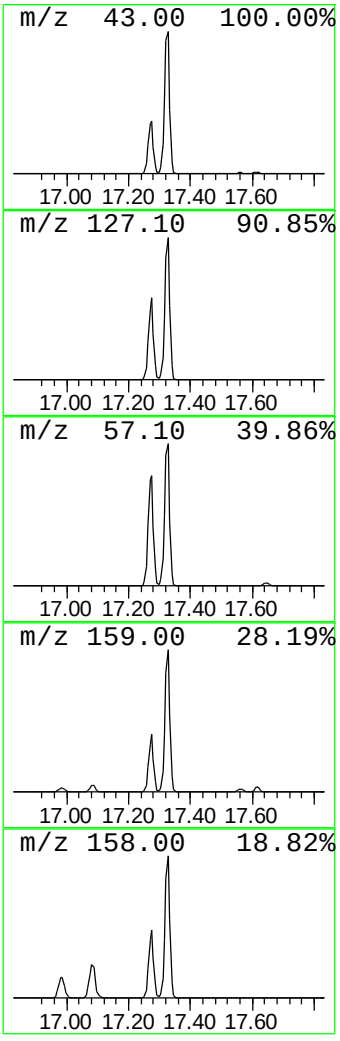
****

Peak Number 9 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	88.88 ng/ul	11788500	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Azathymine	127	C4H5N3O2	000932-53-6	38
2	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	32
3	6-Azathymine	127	C4H5N3O2	000932-53-6	32
4	Oxalic acid, monoamide, monohydr...	213	C10H19N3O2	1000265-20-0	32
5	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	25





Library Search Compound Report

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Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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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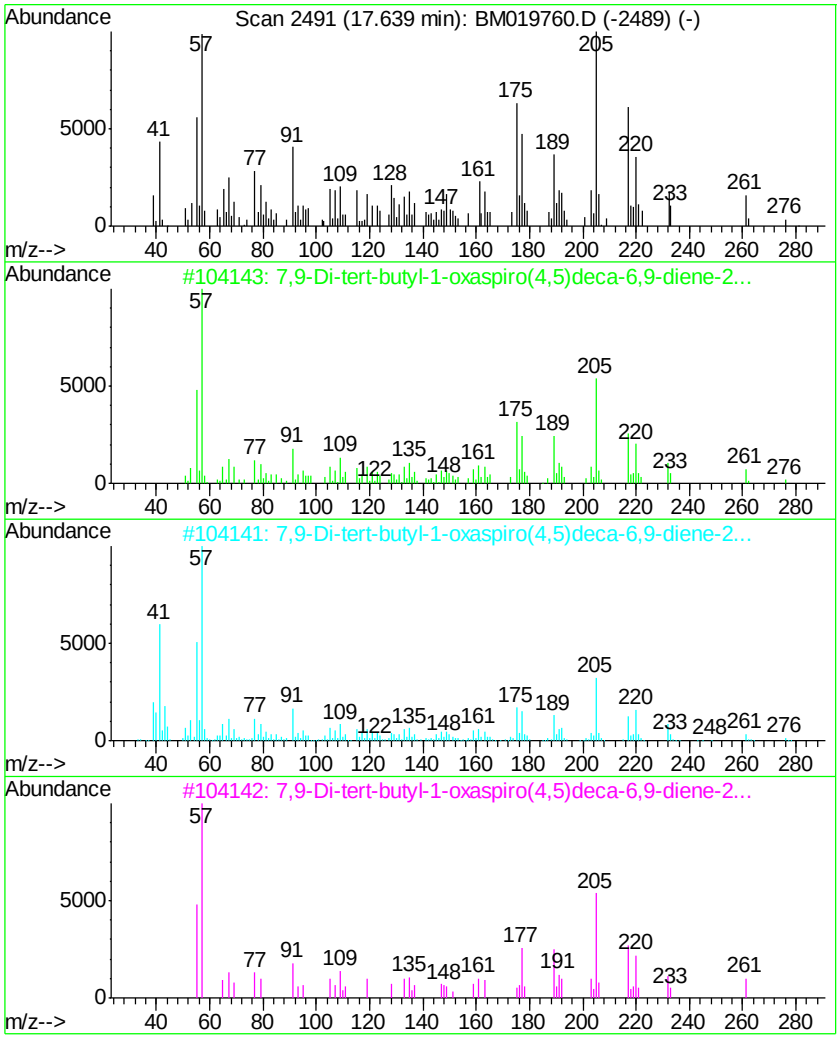
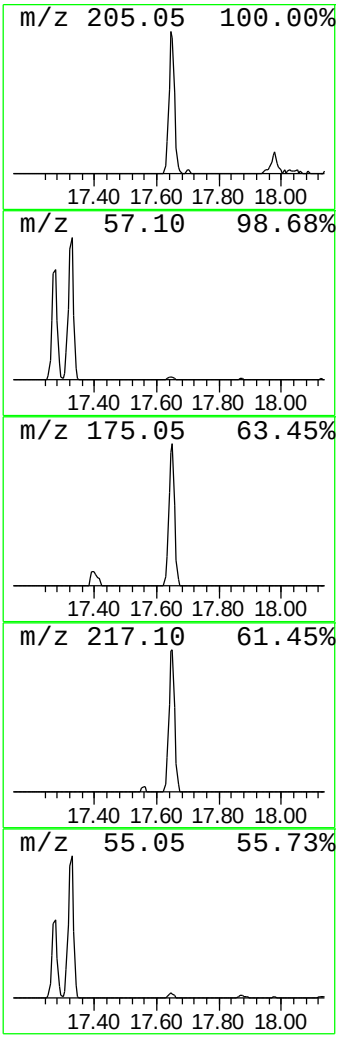
Peak Number 10 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.65 ng/ul	350889	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	95
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	81
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46





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Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

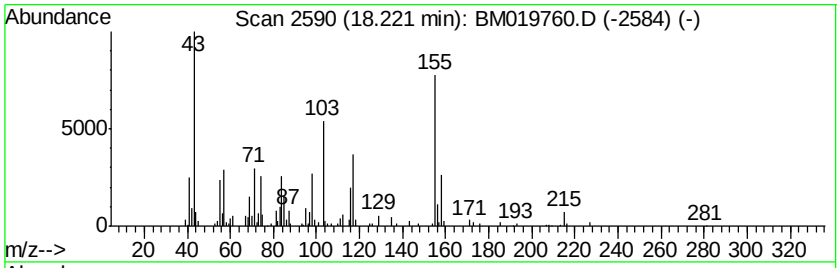
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

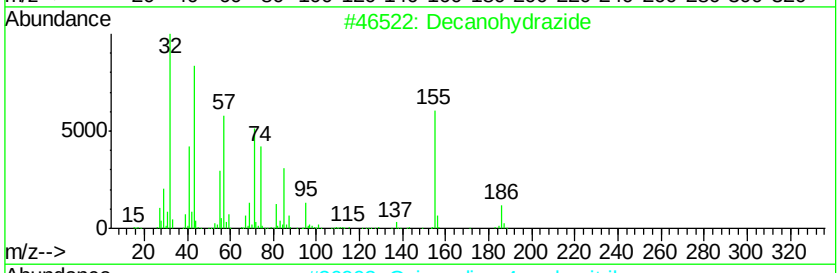
****

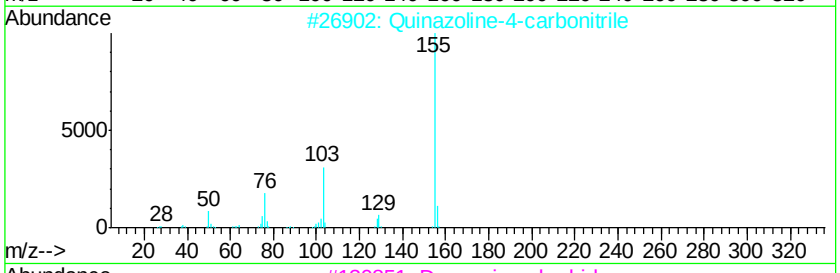
Peak Number 11 unknown-05 Concentration Rank 25

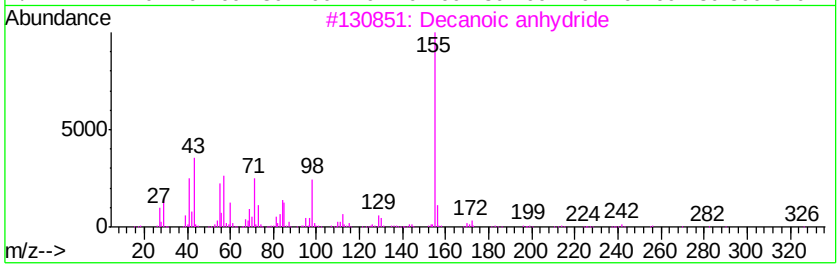
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	3.12 ng/ul	413168	Phenanthrene-d10	16.98

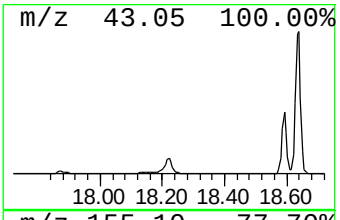
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanohydrazide	186	C10H22N2O	020478-70-0	35
2	Quinazoline-4-carbonitrile	155	C9H5N3	036082-71-0	27
3	Decanoic anhydride	326	C20H38O3	002082-76-0	25
4	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	22
5	9-Hydroxypentadecanoic acid, met...	272	C16H32O3	067401-19-8	17

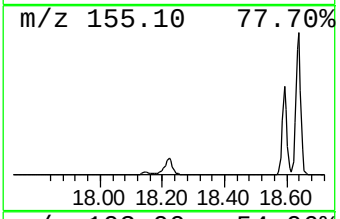


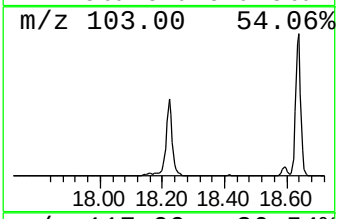


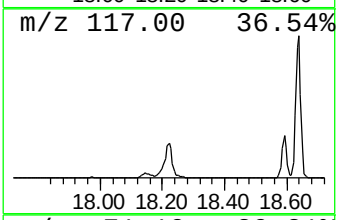


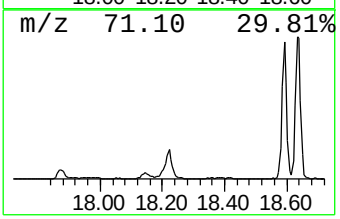












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Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

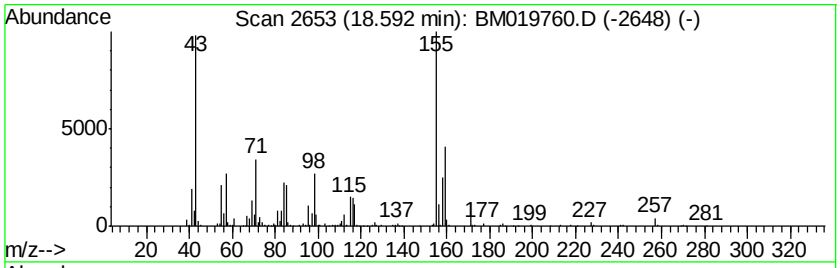
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

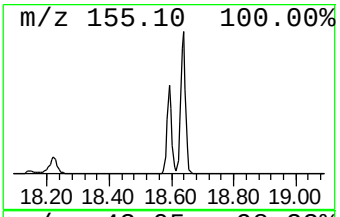
****

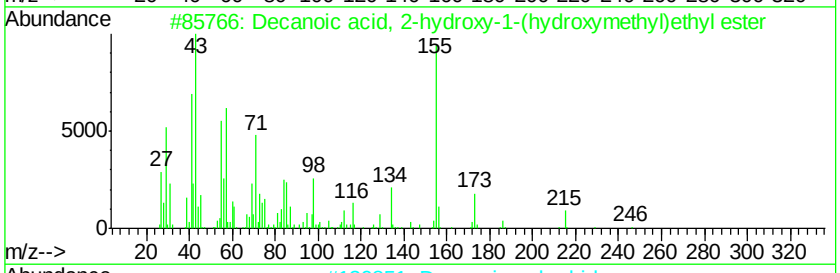
Peak Number 12 Decanoic acid, 2-hydroxy-1-... Concentration Rank 15

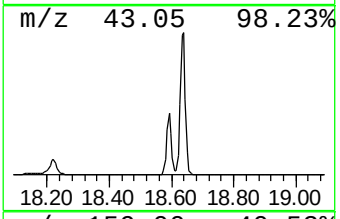
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	7.69 ng/ul	1019870	Phenanthrene-d10	16.98

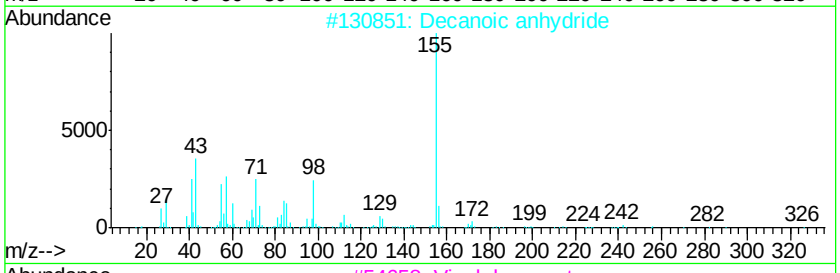
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	50
2	Decanoic anhydride	326	C20H38O3	002082-76-0	37
3	Vinyl decanoate	198	C12H22O2	004704-31-8	32
4	9-Hydroxypentadecanoic acid, met...	272	C16H32O3	067401-19-8	32
5	Xylitol, 1-O-decanoyl-	306	C15H30O6	1000155-78-0	32

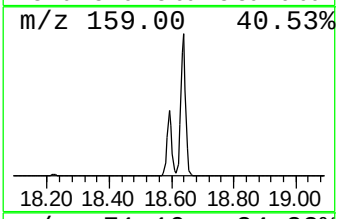


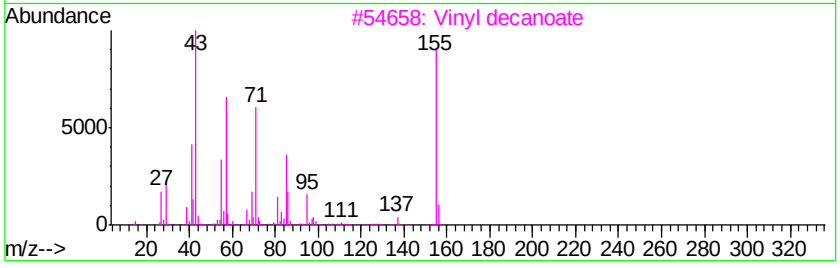


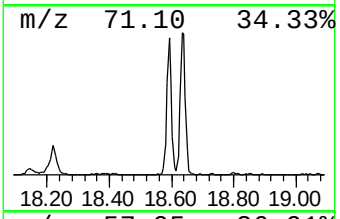


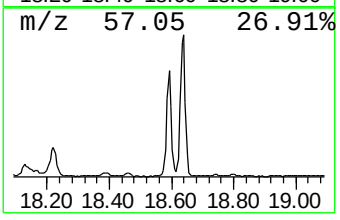












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Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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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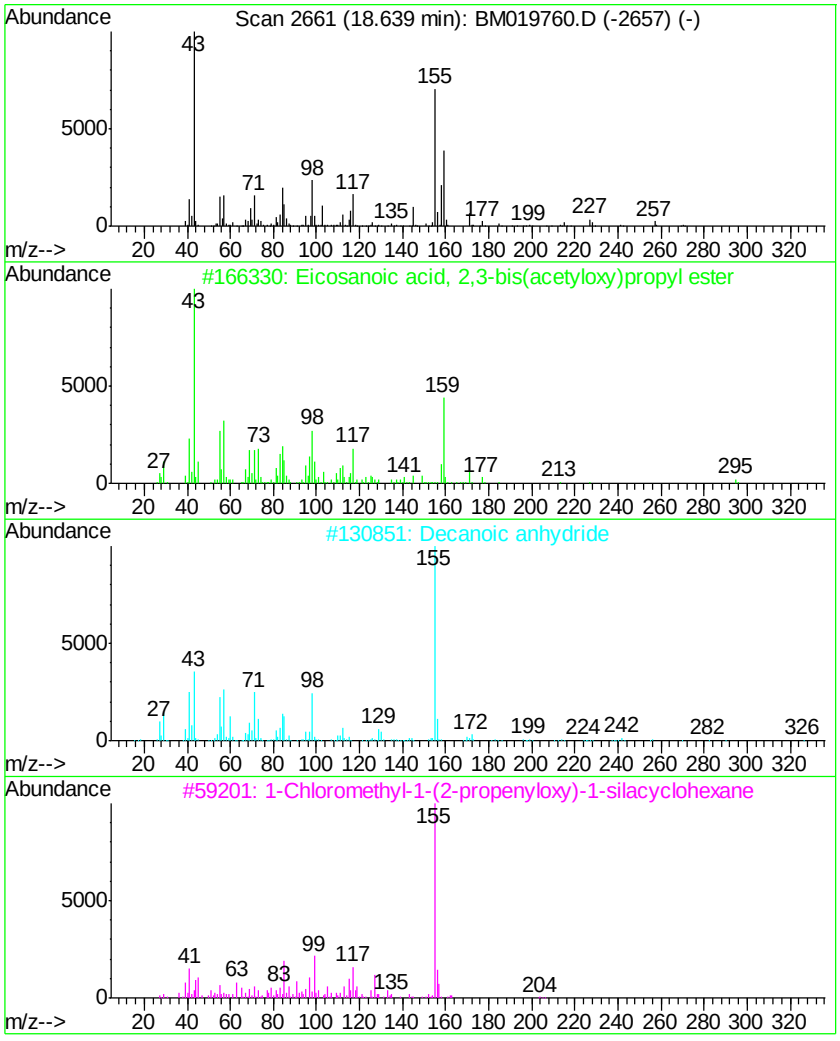
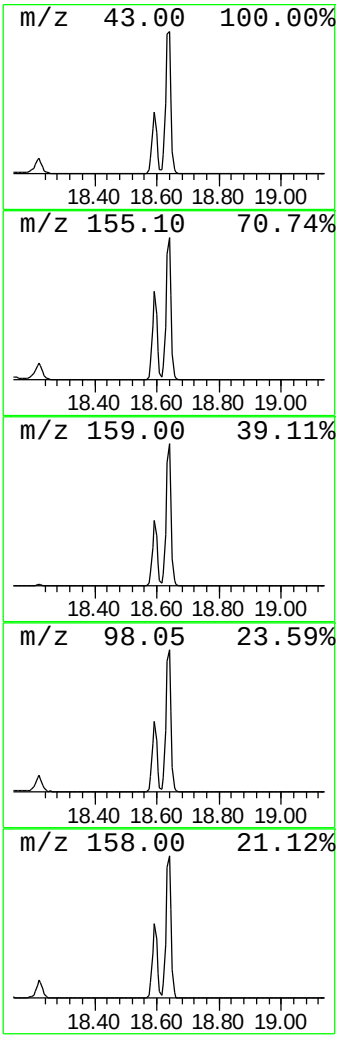
Peak Number 13 unknown-06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	15.82 ng/ul	2098630	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	40
2	Decanoic anhydride	326	C20H38O3	002082-76-0	12
3	1-Chloromethyl-1-(2-propenyloxy)...	204	C9H17ClOSi	1000279-42-5	10
4	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	10
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	10





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Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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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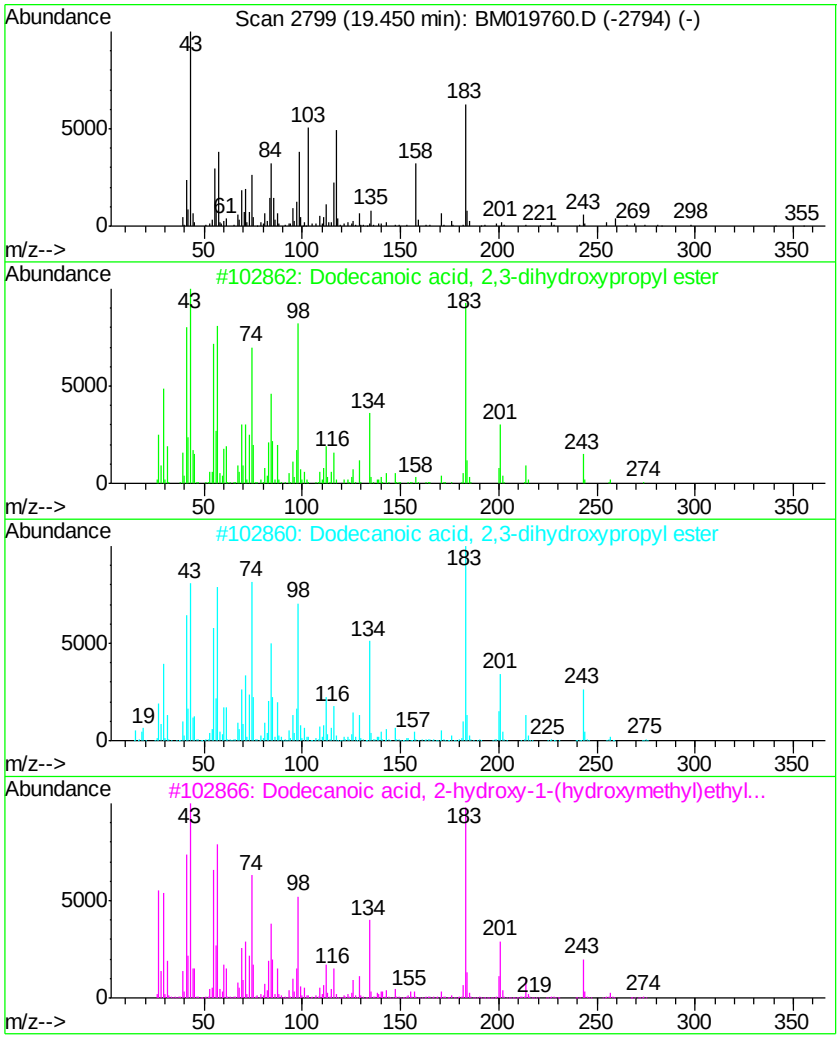
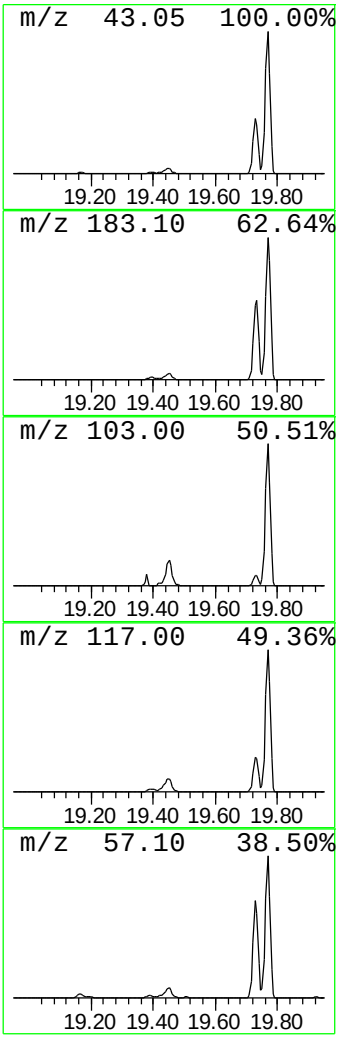
Peak Number 14 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	5.30 ng/ul	702779	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, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	25
3	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	16
4	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	14
5	Lauric anhydride	382	C24H46O3	000645-66-9	12





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Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

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

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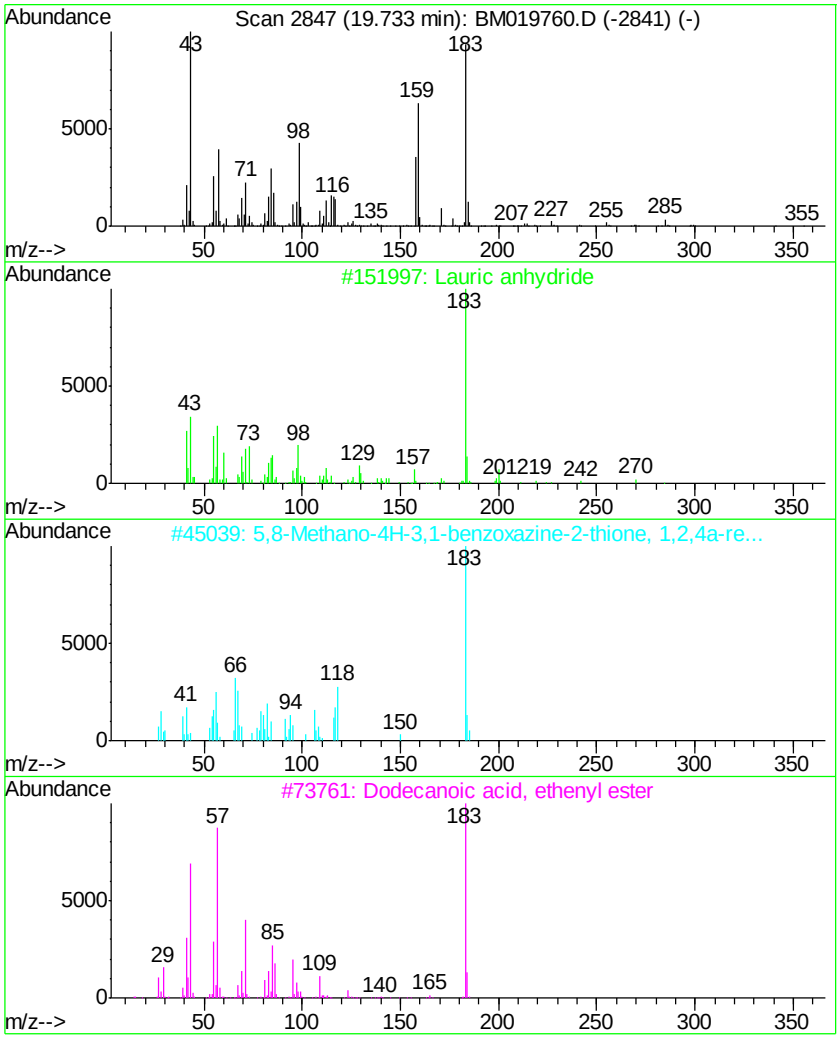
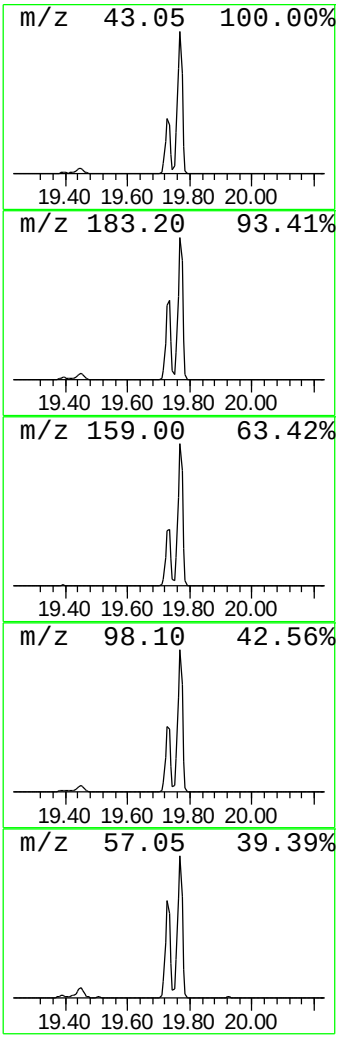
Peak Number 15 unknown-08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	33.53 ng/ul	4448410	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	37
2	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	35
3	Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	27
4	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	27
5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	27





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Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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Quant Title : SVOA CALIBRATION

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

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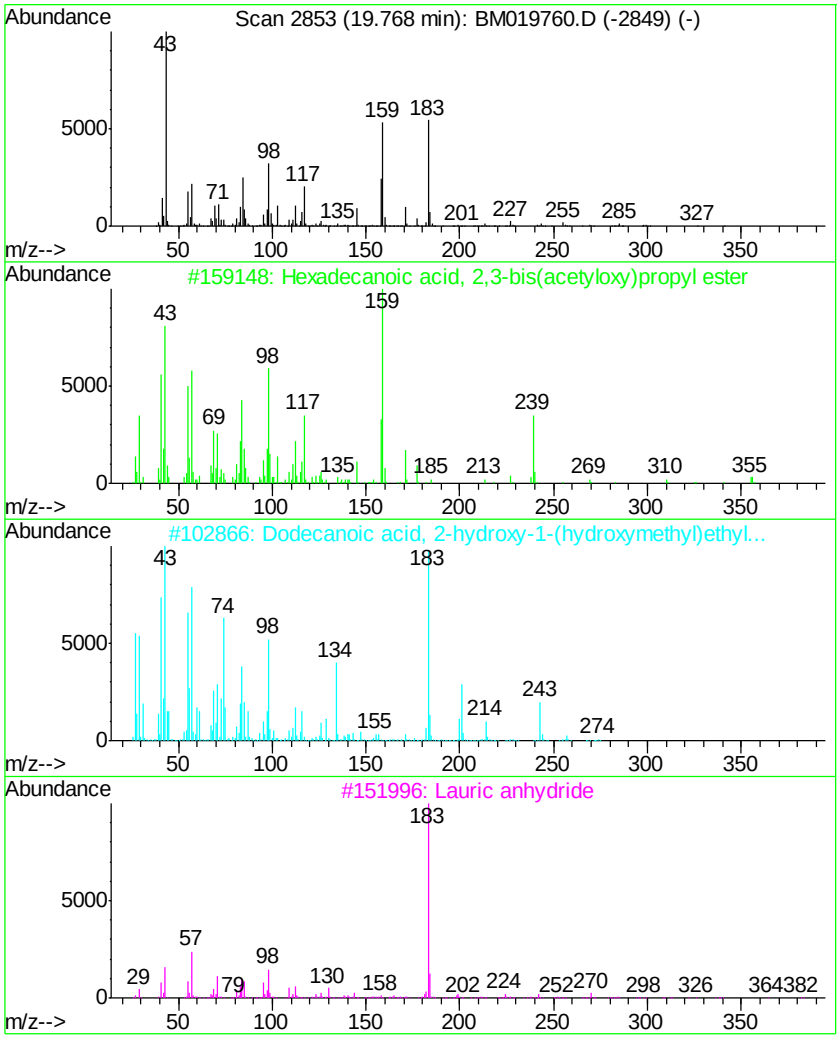
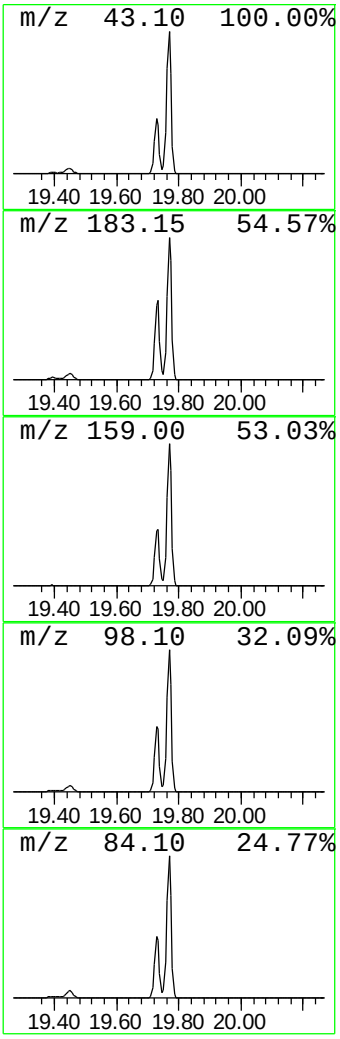
Peak Number 16 unknown-09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	67.93 ng/ul	9013810	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	35
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
3	Lauric anhydride	382	C24H46O3	000645-66-9	25
4	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14
5	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	10





Library Search Compound Report

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Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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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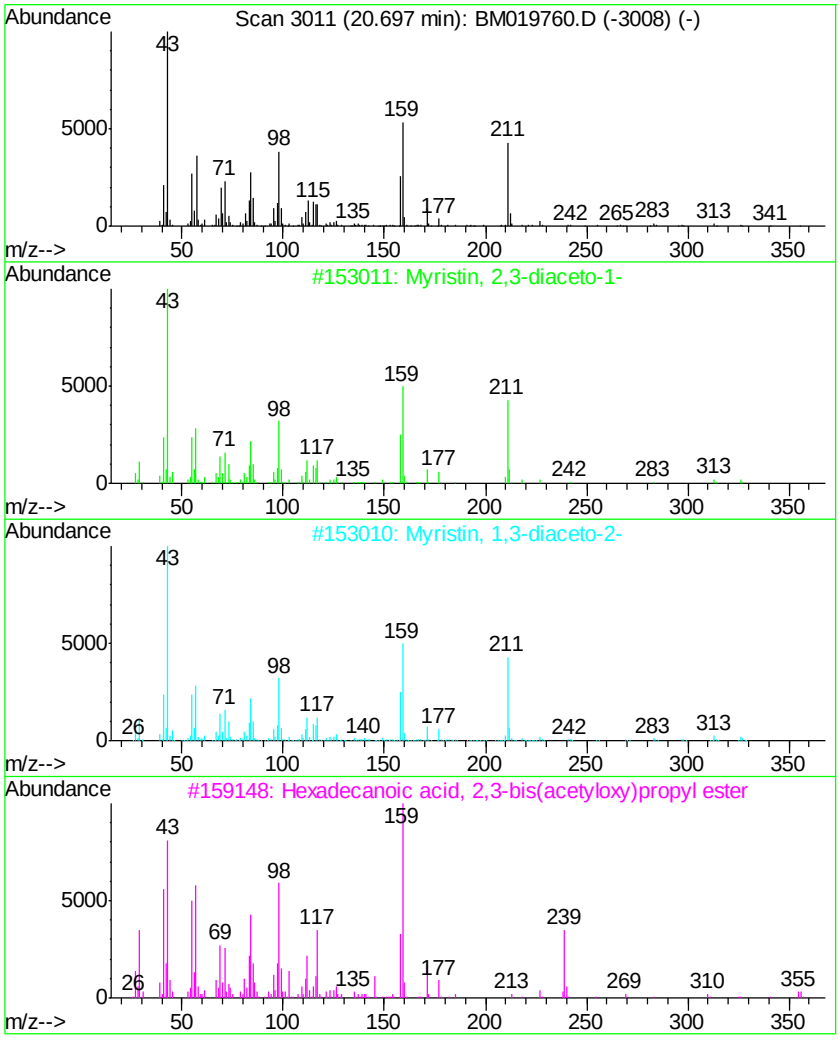
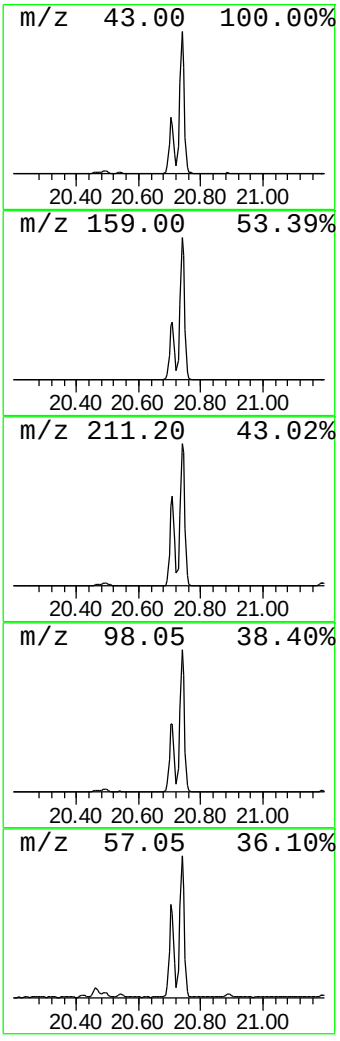
Peak Number 17 Myristin, 2,3-diaceto-1- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	15.23 ng/ul	2021170	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	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	35
5	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	32





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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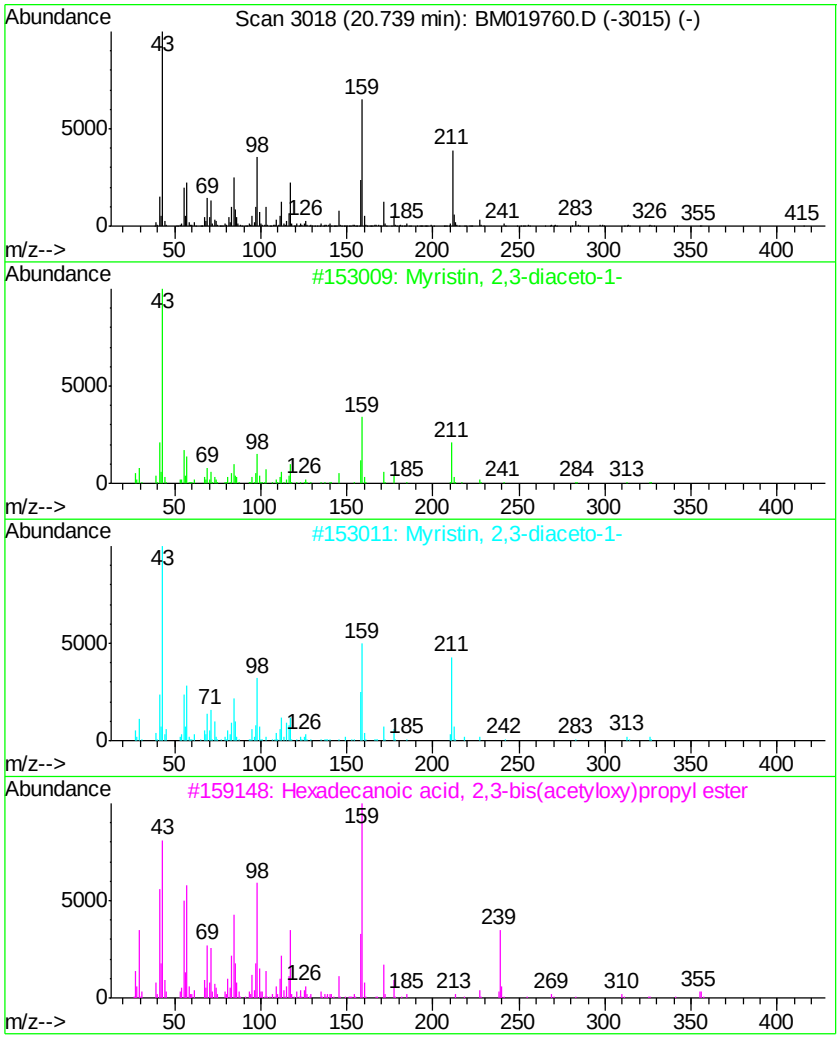
Quant Title : SVOA CALIBRATION

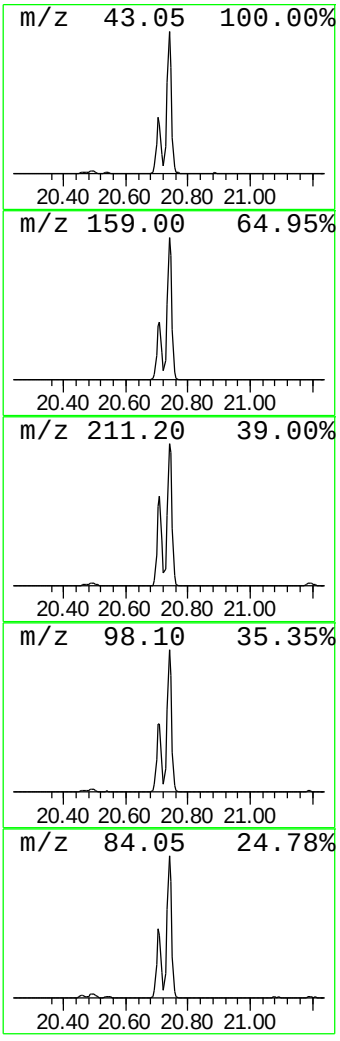
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexadecanoic acid, 2,3-bis(... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	30.33 ng/ul	4024560	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	53
5	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	14





Library Search Compound Report

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Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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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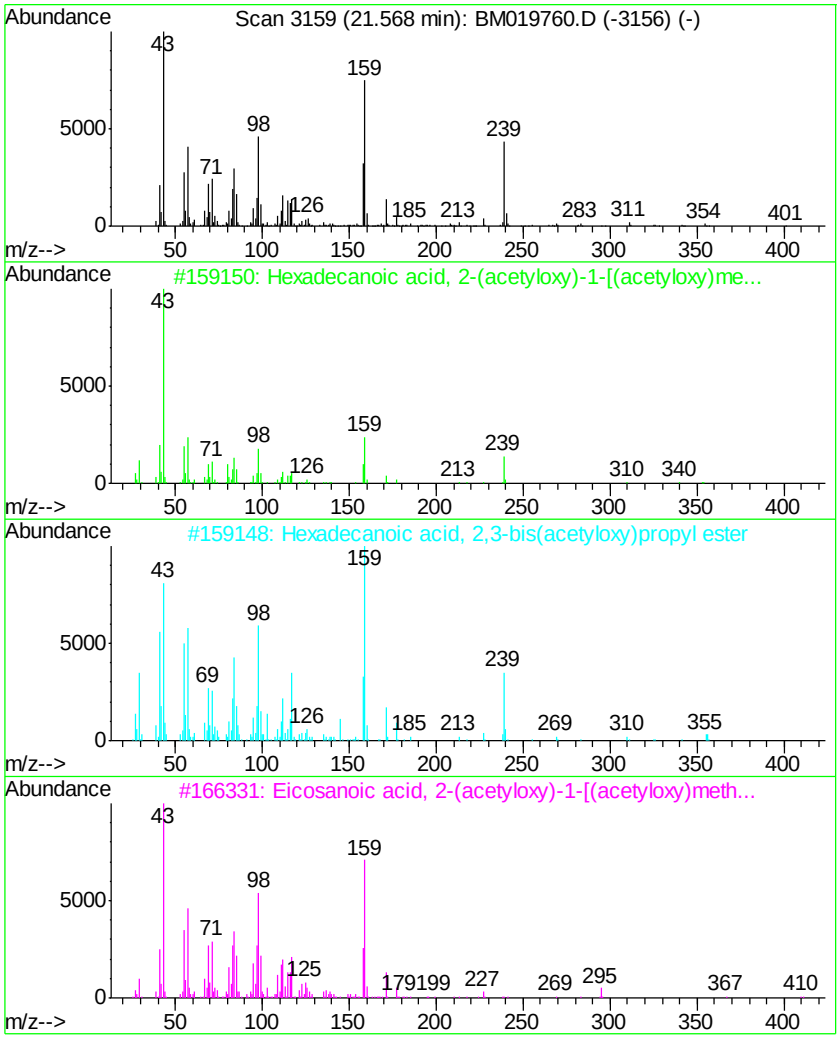
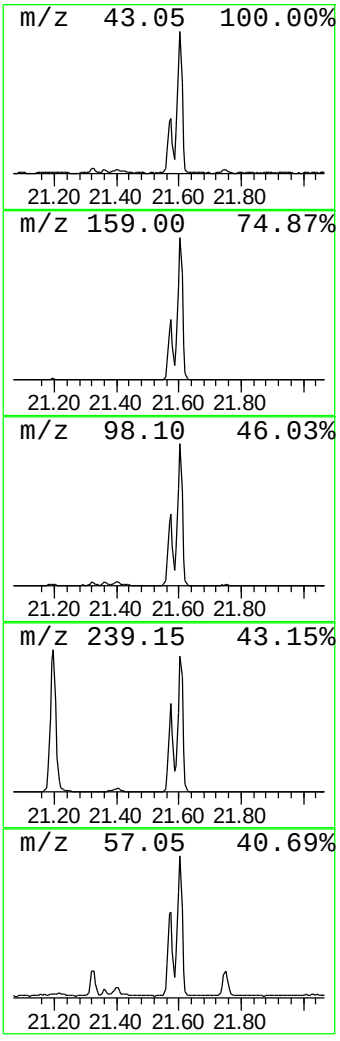
Peak Number 19 Hexadecanoic acid, 2-(acety... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	8.45 ng/ul	1121100	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	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	59
4	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	22
5	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	16





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Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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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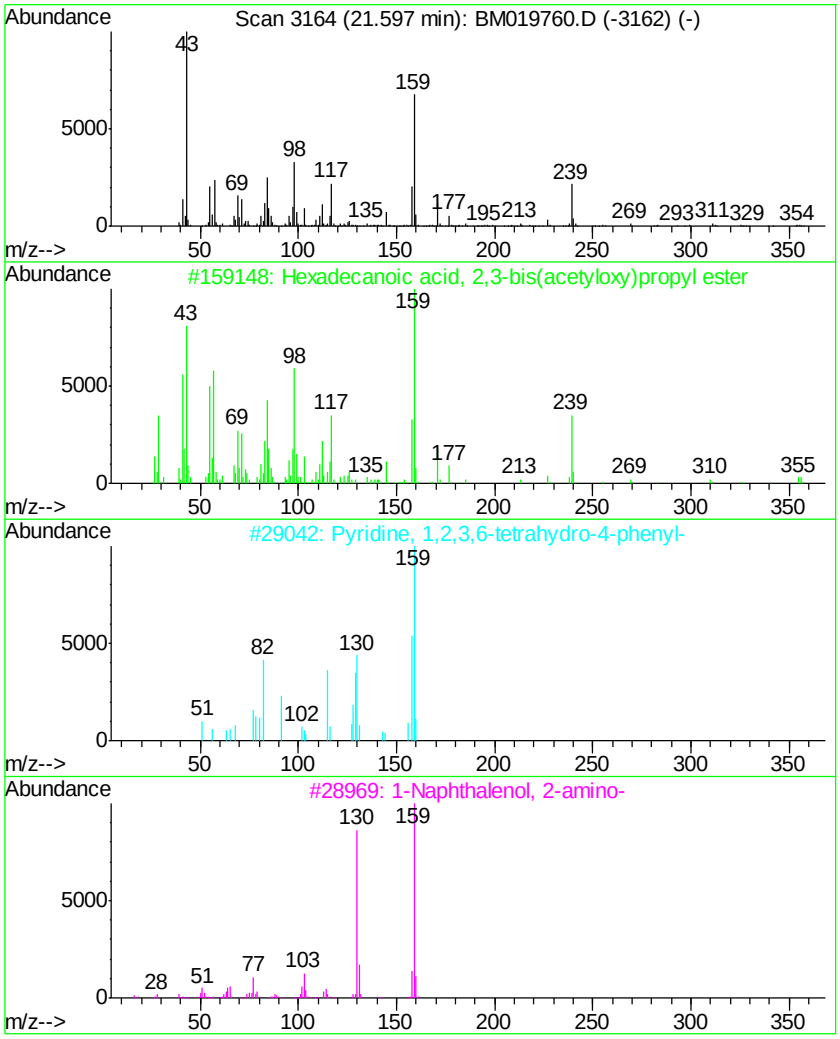
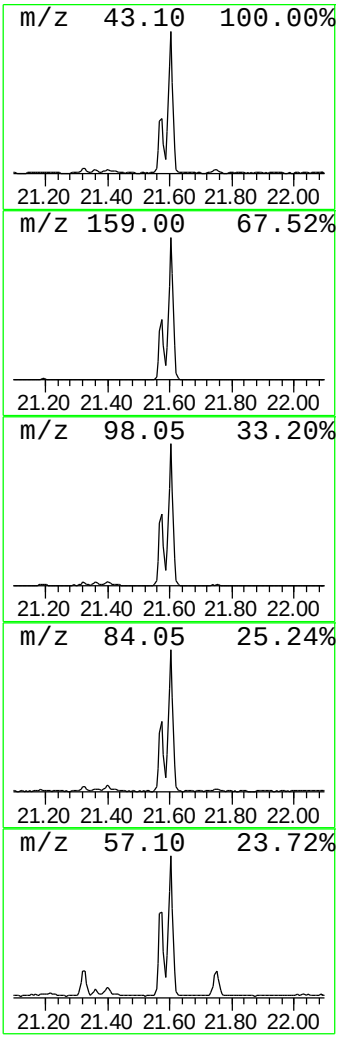
Peak Number 20 unknown-10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	16.61 ng/ul	2203500	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	89
2	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	35
3	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	25
4	5-Amino-1-phenylpyrazole	159	C9H9N3	000826-85-7	25
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	25





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Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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Quant Title : SVOA CALIBRATION

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

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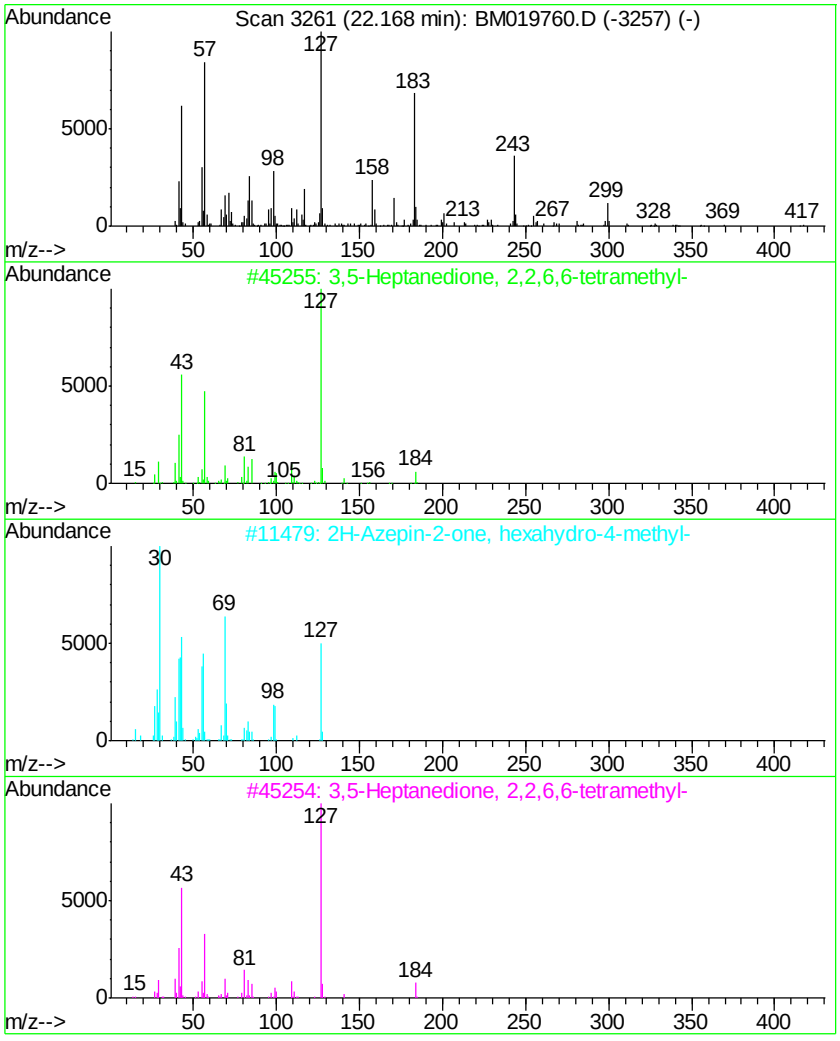
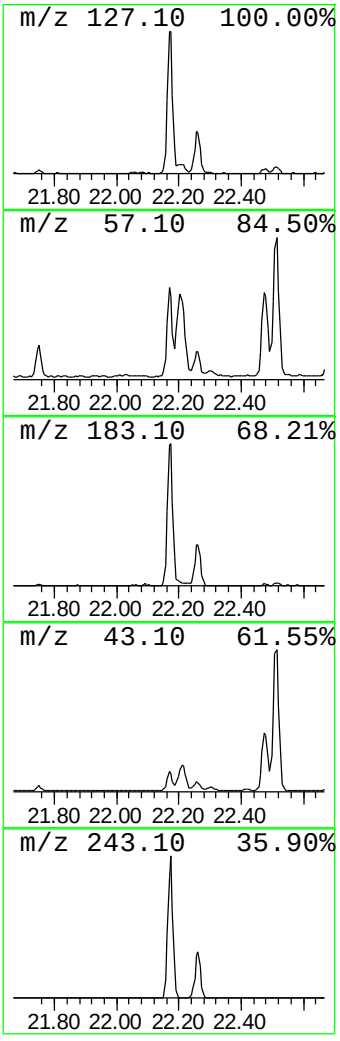
Peak Number 21 unknown-11 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	3.78 ng/ul	501981	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	42
2	2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	35
3	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	30
4	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	27
5	2-Thiophenecarboxaldehyde, oxime	127	C5H5NOS	029683-84-9	27





Library Search Compound Report

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Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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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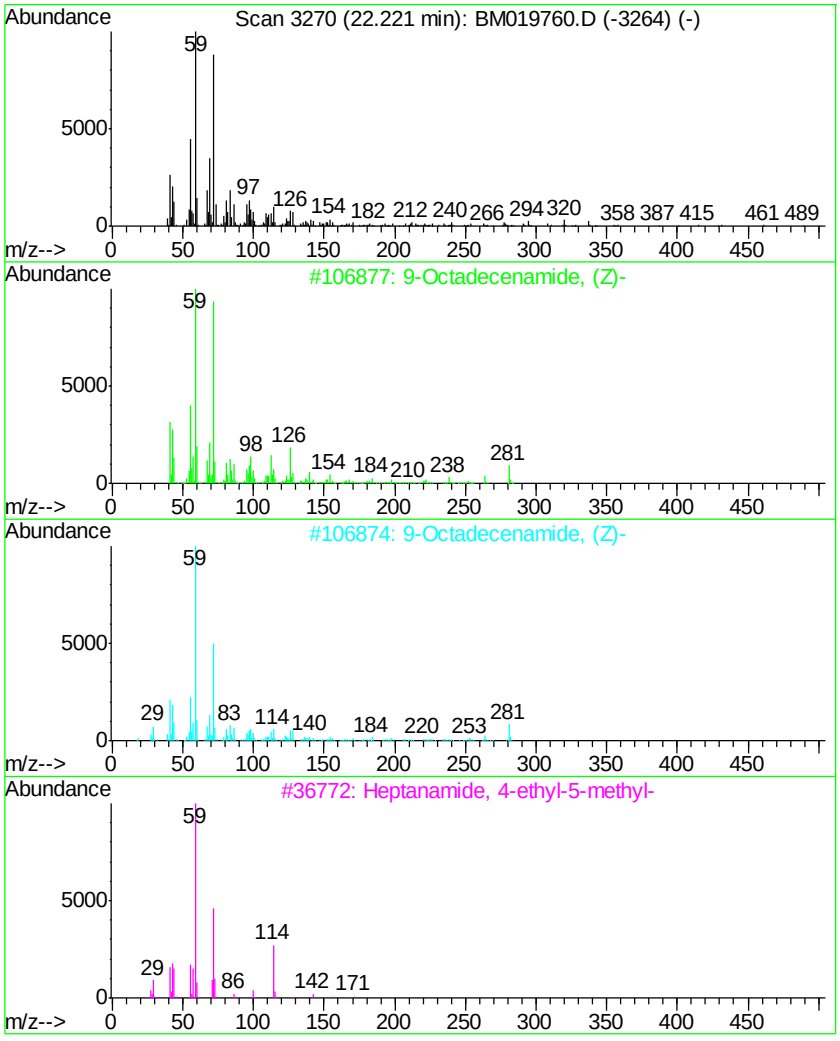
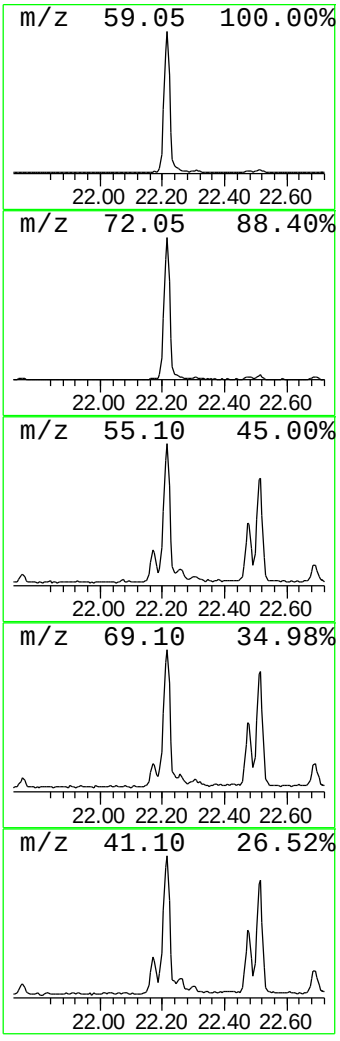
Peak Number 22 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	10.45 ng/ul	1386710	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50
4	Tetradecanamide	227	C14H29NO	000638-58-4	50
5	Dodecanamide	199	C12H25NO	001120-16-7	43





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Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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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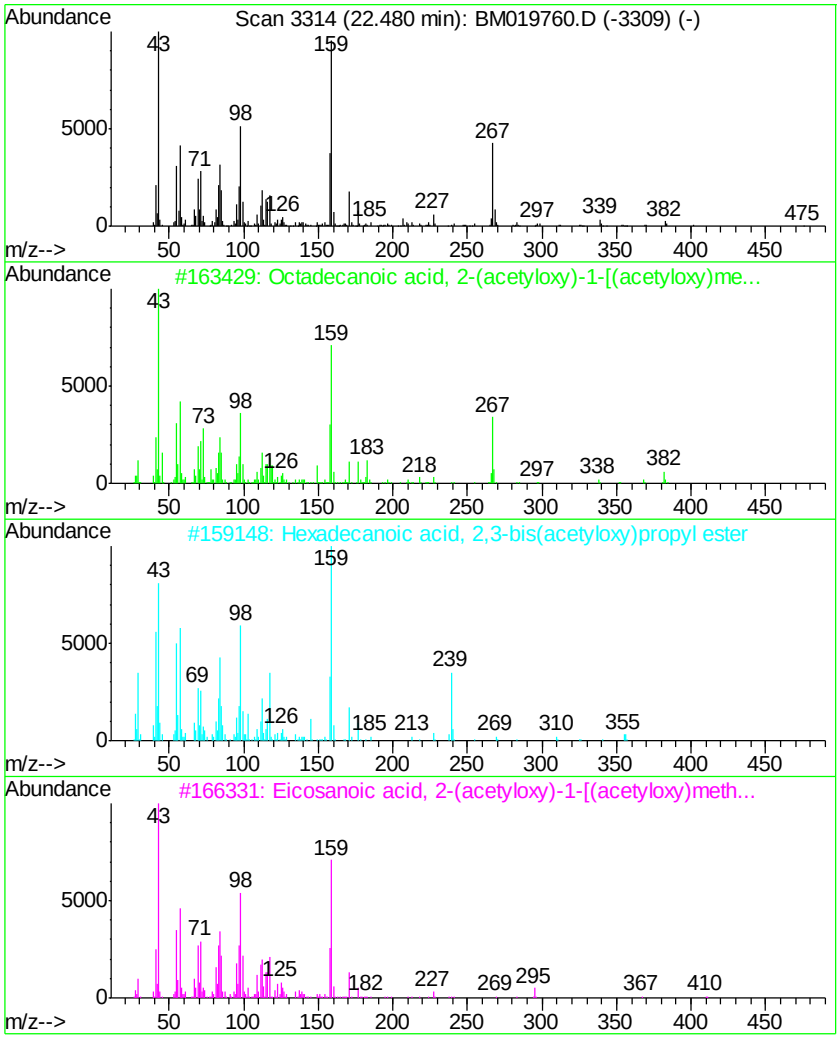
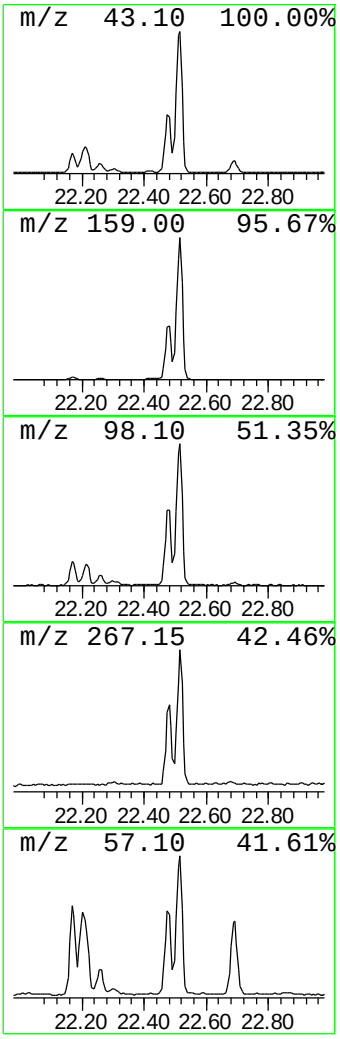
Peak Number 23 Octadecanoic acid, 2-(acety... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	9.26 ng/ul	1019780	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	62
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	38
4	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	27
5	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	22





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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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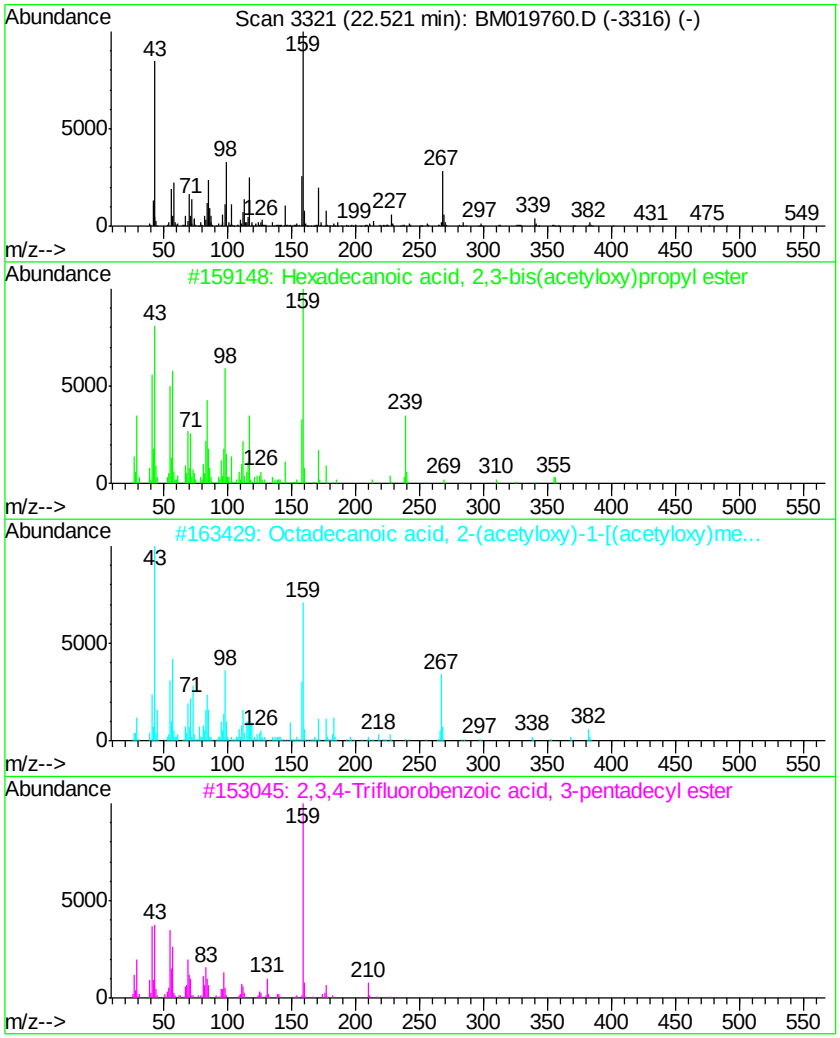
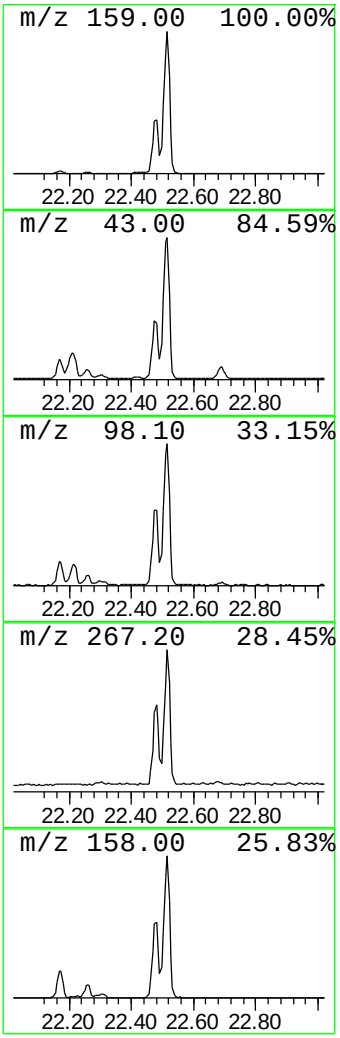
Peak Number 24 unknown-12 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	18.47 ng/ul	2032650	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	70
2	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	47
3	2,3,4-Trifluorobenzoic acid, 3-p...	386	C22H33F3O2	1000280-62-2	35
4	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	35
5	2,6-Difluorobenzoic acid, pentad...	368	C22H34F2O2	1000292-39-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

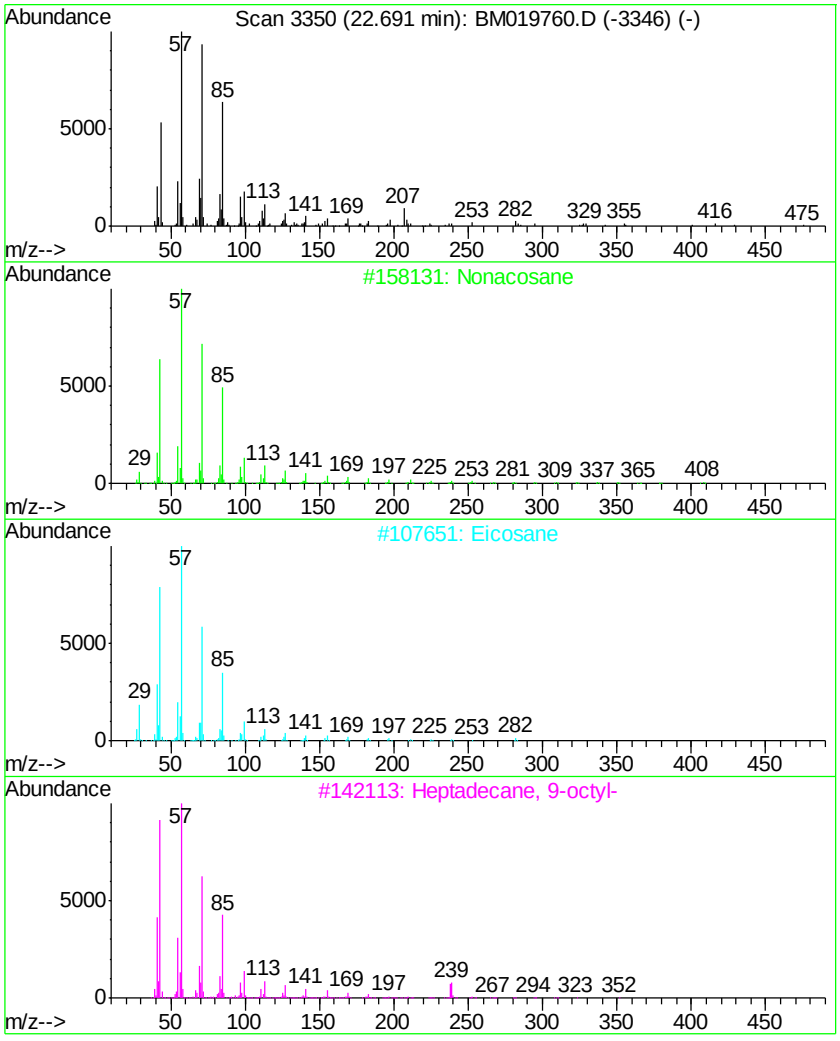
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

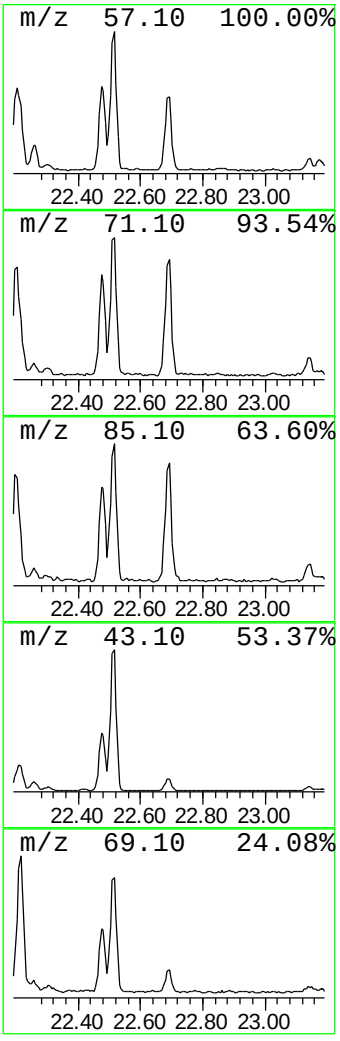
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.70 ng/ul	297390	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	90
2	Eicosane	282	C20H42	000112-95-8	89
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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

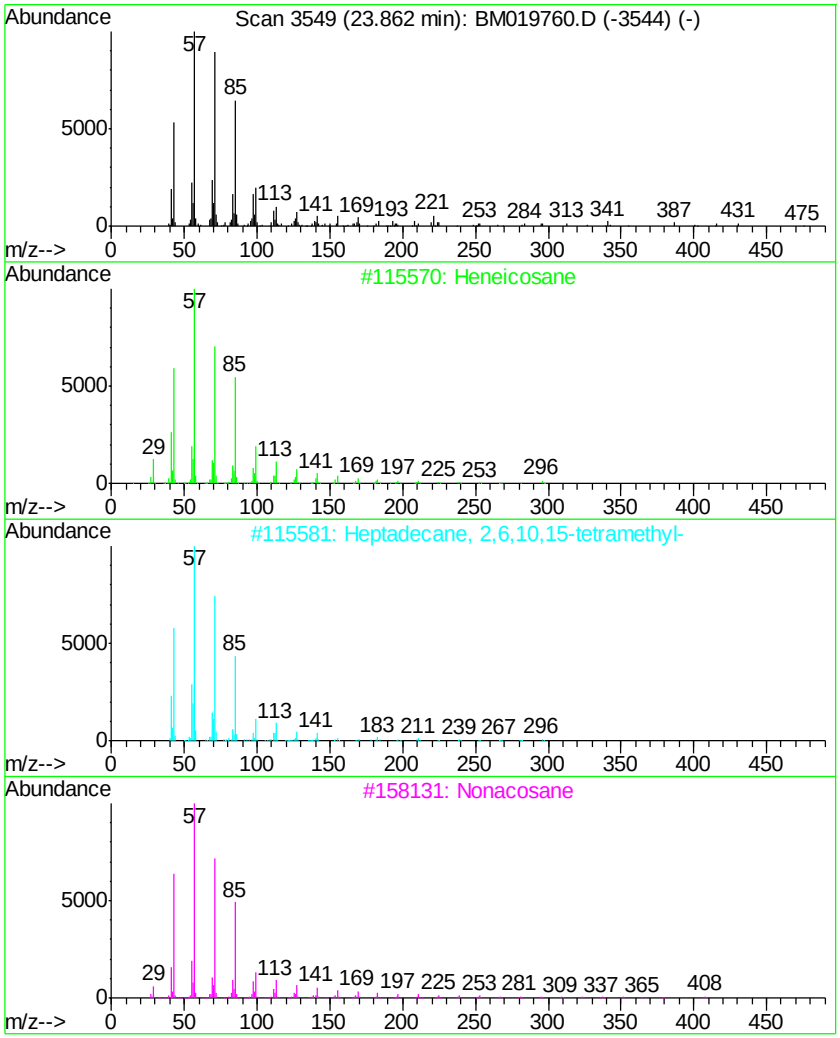
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

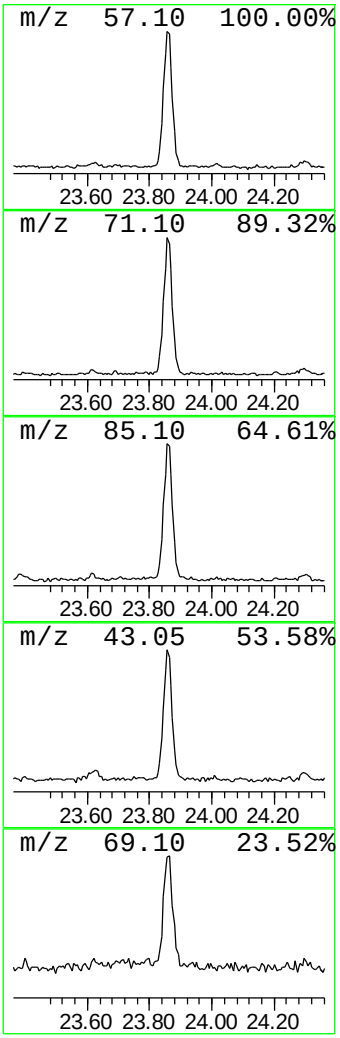
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.14 ng/ul	345416	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Nonacosane	408	C29H60	000630-03-5	87
4	Docosane, 7-butyl-	366	C26H54	055282-15-0	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

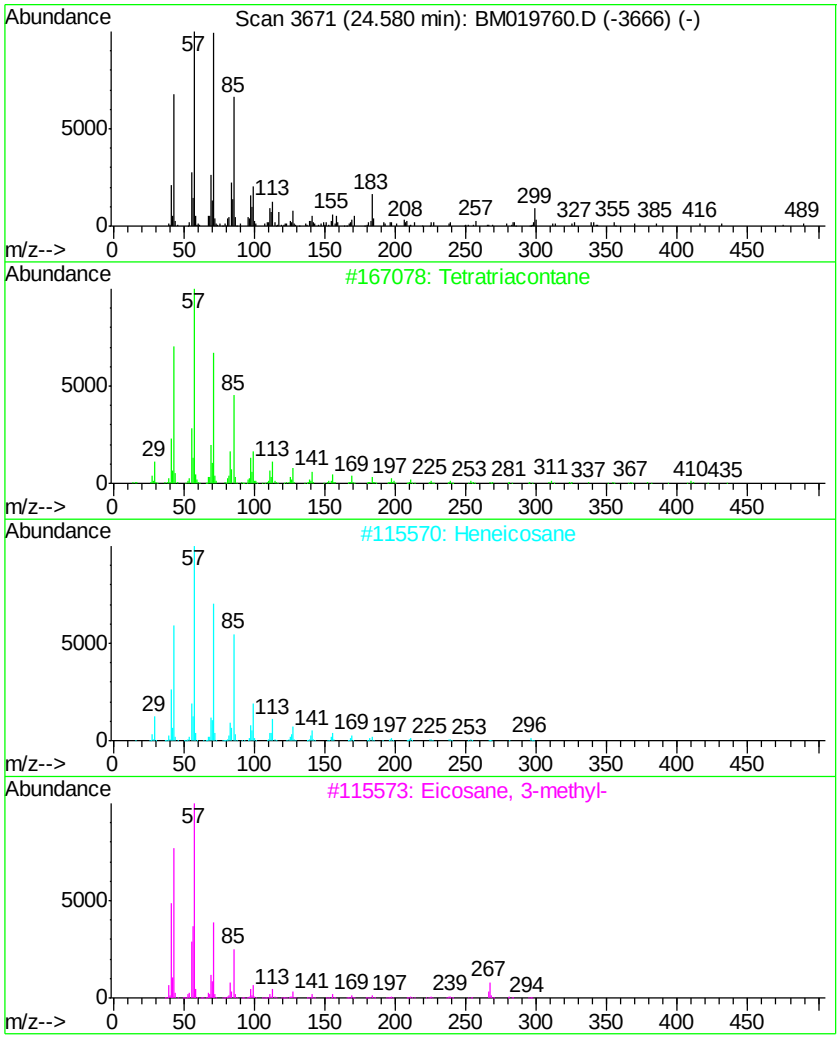
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

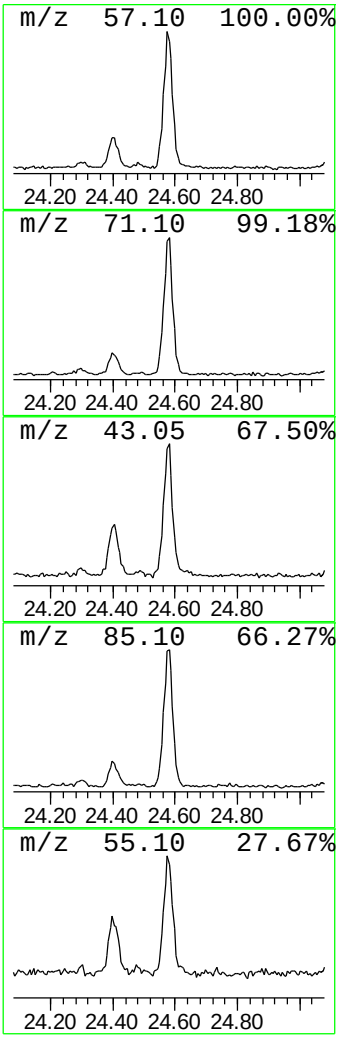
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.58	3.78 ng/ul	415715	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	83
2	Heneicosane	296	C21H44	000629-94-7	83
3	Eicosane, 3-methyl-	296	C21H44	006418-46-8	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Hexadecane	226	C16H34	000544-76-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019760.D
Acq On : 05 Apr 2019 21:46
Operator : JU/SJ
Sample : K2218-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF634

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-	8.66	3.5	ng/ul	173787	1	7.56	1005740	20.0
Vanillin	13.17	3.8	ng/ul	432026	3	14.22	2302280	20.0
Dodecanoic acid	14.66	8.3	ng/ul	954560	3	14.22	2302280	20.0
Diethyltoluamide	14.98	4.3	ng/ul	492296	3	14.22	2302280	20.0
Hexanoic acid, an...	15.79	3.7	ng/ul	489204	4	16.98	2652640	20.0
unknown-01	15.85	7.7	ng/ul	1018050	4	16.98	2652640	20.0
unknown-02	16.79	8.7	ng/ul	1148700	4	16.98	2652640	20.0
unknown-03	17.27	44.6	ng/ul	5917770	4	16.98	2652640	20.0
unknown-04	17.33	88.9	ng/ul	11788500	4	16.98	2652640	20.0
7,9-Di-tert-butyl...	17.64	2.6	ng/ul	350889	4	16.98	2652640	20.0
unknown-05	18.22	3.1	ng/ul	413168	4	16.98	2652640	20.0
Decanoic acid, 2-...	18.59	7.7	ng/ul	1019870	4	16.98	2652640	20.0
unknown-06	18.64	15.8	ng/ul	2098630	4	16.98	2652640	20.0
unknown-07	19.45	5.3	ng/ul	702779	5	21.19	2653710	20.0
unknown-08	19.73	33.5	ng/ul	4448410	5	21.19	2653710	20.0
unknown-09	19.77	67.9	ng/ul	9013810	5	21.19	2653710	20.0
Myristin, 2,3-dia...	20.70	15.2	ng/ul	2021170	5	21.19	2653710	20.0
Hexadecanoic acid...	20.74	30.3	ng/ul	4024560	5	21.19	2653710	20.0
Hexadecanoic acid...	21.57	8.4	ng/ul	1121100	5	21.19	2653710	20.0
unknown-10	21.60	16.6	ng/ul	2203500	5	21.19	2653710	20.0
unknown-11	22.17	3.8	ng/ul	501981	5	21.19	2653710	20.0
9-Octadecenamide,...	22.22	10.4	ng/ul	1386710	5	21.19	2653710	20.0
Octadecanoic acid...	22.48	9.3	ng/ul	1019780	6	23.39	2201410	20.0
unknown-12	22.52	18.5	ng/ul	2032650	6	23.39	2201410	20.0
(DEL) Alkane: Str...	22.69	2.7	ng/ul	297390	6	23.39	2201410	20.0
(DEL) Alkane: Str...	23.86	3.1	ng/ul	345416	6	23.39	2201410	20.0
(DEL) Alkane: Str...	24.58	3.8	ng/ul	415715	6	23.39	2201410	20.0