LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019368.D
Acq On : 24 Mar 2019 00:47
Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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	3.152	25	28	33	rBV	27353	34787	0.52%	0.045%
2	3.751	126	130	135	rBV3	7493	11246	0.17%	0.015%
3	4.951	328	334	343	rBV	45767	78623	1.17%	0.103%
4	6.792	642	647	664	rBV	115598	257809	3.84%	0.337%
5	6.963	669	676	690	rBV	419717	766547	11.43%	1.002%
6	7.145	700	707	722	rVB	510855	875470	13.05%	1.145%
7	7.610	780	786	797	rBV	506920	894856	13.34%	1.170%
8	7.687	797	799	805	rVB4	20445	34094	0.51%	0.045%
9	7.810	816	820	827	rVB3	6361	7662	0.11%	0.010%
10	7.957	837	845	854	rBV	50604	87998	1.31%	0.115%
11	8.322	901	907	926	rBV	359074	693763	10.34%	0.907%
12	8.457	926	930	936	rVB4	6592	13617	0.20%	0.018%
13	8.710	968	973	978	rBV	54407	90022	1.34%	0.118%
14	8.781	978	985	994	rBV	525932	918751	13.70%	1.201%
15	8.939	1007	1012	1017	rVB5	5376	9664	0.14%	0.013%
16	9.492	1100	1106	1119	rBV	448781	786202	11.72%	1.028%
17	10.028	1190	1197	1219	rBV	522434	1225981	18.28%	1.603%
18	10.251	1231	1235	1241	rVB3	11998	18364	0.27%	0.024%
19	10.392	1244	1259	1272	rVB	718825	1272368	18.97%	1.664%
20	10.969	1347	1357	1367	rBV2	11600	39613	0.59%	0.052%
21	11.722	1479	1485	1496	rBV2	37857	92456	1.38%	0.121%
22	11.945	1518	1523	1529	rBV3	15892	30176	0.45%	0.039%
23	12.004	1529	1533	1542	rVB4	8373	16016	0.24%	0.021%
24	12.263	1574	1577	1586	rVB	14976	23236	0.35%	0.030%
25	12.551	1620	1626	1632	rBV5	17267	38544	0.57%	0.050%
26	13.216	1734	1739	1758	rBV2	62703	177182	2.64%	0.232%
27	13.686	1813	1819	1833	rBV	1411231	2059797	30.71%	2.693%
28	13.957	1858	1865	1877	rBV	1612530	2411951	35.96%	3.154%
29	14.268	1911	1918	1928	rBV2	1110890	1677520	25.01%	2.193%
30	14.351	1928	1932	1935	rVV2	15002	19743	0.29%	0.026%
31	14.392	1935	1939	1948	rVB2	55157	78617	1.17%	0.103%
32	14.539	1957	1964	1977	rBV5	36088	121996	1.82%	0.160%
33	14.698	1985	1991	2008	rBV	378761	620582	9.25%	0.811%
34	14.880	2018	2022	2027	rVB5	3880	7109	0.11%	0.009%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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	14.951	2027	2034	2040	rVB	26429	41465	0.62%	0.054%
36	15.027	2042	2047	2051	rBV	53546	73960	1.10%	0.097%
37	15.204	2070	2077	2082	rBV2	19299	34952	0.52%	0.046%
38	15.268	2082	2088	2099	rVB	2158804	3135292	46.74%	4.099%
39	15.410	2106	2112	2126	rBV	664113	1007985	15.03%	1.318%
40	15.510	2126	2129	2136	rVB3	24953	35412	0.53%	0.046%
41	15.645	2148	2152	2159	rVB3	9208	14266	0.21%	0.019%
42	15.762	2168	2172	2177	rVB4	10235	13154	0.20%	0.017%
43	15.839	2179	2185	2189	rBV	392997	468927	6.99%	0.613%
44	15.892	2189	2194	2204	rVB	799047	963396	14.36%	1.260%
45	16.051	2217	2221	2226	rVB3	9136	12127	0.18%	0.016%
46	16.174	2237	2242	2248	rVB2	12439	17298	0.26%	0.023%
47	16.427	2281	2285	2295	rBV3	32891	54719	0.82%	0.072%
48	16.545	2300	2305	2313	rBV3	18101	32066	0.48%	0.042%
49	16.751	2335	2340	2347	rBV2	39768	74243	1.11%	0.097%
50	16.833	2347	2354	2369	rVB	350435	592836	8.84%	0.775%
51	17.027	2380	2387	2397	rBV	1426279	2045227	30.49%	2.674%
52	17.121	2397	2403	2416	rBV	2451608	3600110	53.67%	4.707%
53	17.309	2430	2435	2439	rBV	2422994	2884140	43.00%	3.771%
54	17.362	2439	2444	2456	rVB	5111111	5815875	86.70%	7.604%
55	17.604	2481	2485	2490	rBV	23994	30015	0.45%	0.039%
56	17.656	2490	2494	2496	rVV	43776	54325	0.81%	0.071%
57	17.692	2496	2500	2504	rVB	477794	580831	8.66%	0.759%
58	17.915	2533	2538	2544	rBV4	21081	34733	0.52%	0.045%
59	17.992	2548	2551	2555	rVV2	5170	9644	0.14%	0.013%
60	18.045	2557	2560	2565	rVB3	3751	6719	0.10%	0.009%
61	18.174	2577	2582	2591	rBV9	13549	36995	0.55%	0.048%
62	18.268	2591	2598	2605	rVV	62514	110821	1.65%	0.145%
63	18.633	2655	2660	2664	rBV	484028	532646	7.94%	0.696%
64	18.680	2664	2668	2675	rVB	1021590	1209249	18.03%	1.581%
65	19.009	2719	2724	2730	rBV3	27473	41389	0.62%	0.054%
66	19.068	2730	2734	2740	rVV	24729	35922	0.54%	0.047%
67	19.209	2754	2758	2764	rBV2	36741	59277	0.88%	0.078%
68	19.321	2773	2777	2781	rVB	21655	30388	0.45%	0.040%
69	19.433	2789	2796	2802	rBV	3222719	4452417	66.38%	5.822%
70	19.492	2802	2806	2813	rVV	155938	258439	3.85%	0.338%
71	19.545	2813	2815	2822	rVB6	17694	24303	0.36%	0.032%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BF5Y0

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	2848	2853	2856	rBV	3035787	3222089	48.03%	4.213%
73	19.809	2856	2860	2864	rVB	6080807	6707921	100.00%	8.771%
74	20.362	2948	2954	2958	rBV	85092	117770	1.76%	0.154%
75	20.503	2974	2978	2980	rBV	37680	41553	0.62%	0.054%
76	20.533	2980	2983	2987	rVB4	25834	33255	0.50%	0.043%
77	20.744	3014	3019	3021	rBV	1426675	1441100	21.48%	1.884%
78	20.780	3021	3025	3031	rVB	2846296	3145245	46.89%	4.112%
79	21.227	3096	3101	3114	rBV	2016398	2607058	38.87%	3.409%
80	21.362	3121	3124	3127	rBV2	85590	91225	1.36%	0.119%
81	21.397	3128	3130	3134	rVV2	49893	56674	0.84%	0.074%
82	21.609	3162	3166	3169	rBV	806356	910098	13.57%	1.190%
83	21.644	3169	3172	3177	rVB	1653402	1775502	26.47%	2.322%
84	21.791	3194	3197	3202	rVB	77960	86383	1.29%	0.113%
85	22.215	3265	3269	3272	rBV	310227	376474	5.61%	0.492%
86	22.244	3272	3274	3281	rVV	131836	183213	2.73%	0.240%
87	22.303	3281	3284	3289	rVB3	100403	132751	1.98%	0.174%
88	22.527	3317	3322	3324	rBV	628809	846078	12.61%	1.106%
89	22.562	3324	3328	3338	rVB	1436130	1872232	27.91%	2.448%
90	22.744	3355	3359	3363	rVB2	159944	235723	3.51%	0.308%
91	23.303	3447	3454	3469	rBV2	2936953	5333839	79.52%	6.974%
92	23.444	3471	3478	3490	rVV2	1449915	2734451	40.76%	3.575%
93	23.933	3557	3561	3568	rVB	150228	256537	3.82%	0.335%
94	24.662	3680	3685	3696	rVB2	172240	355340	5.30%	0.465%

Sum of corrected areas: 76480436

LSC Report - Integrated Chromatogram

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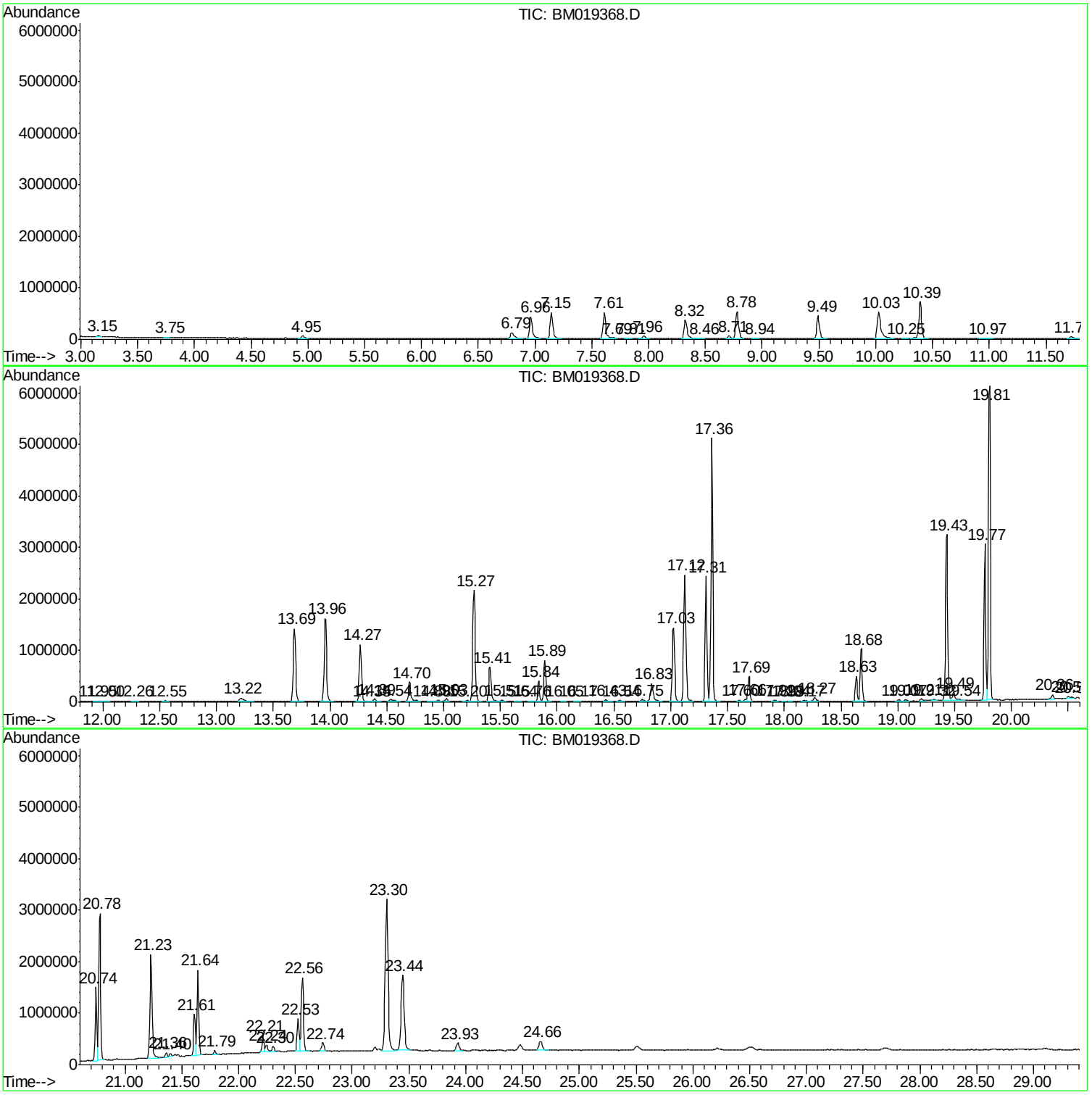
Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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\BM032319\
Data File : BM019368.D
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Instrument : BNA_M
ClientSampleId : BF5Y0

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Quant Title : SVOA CALIBRATION

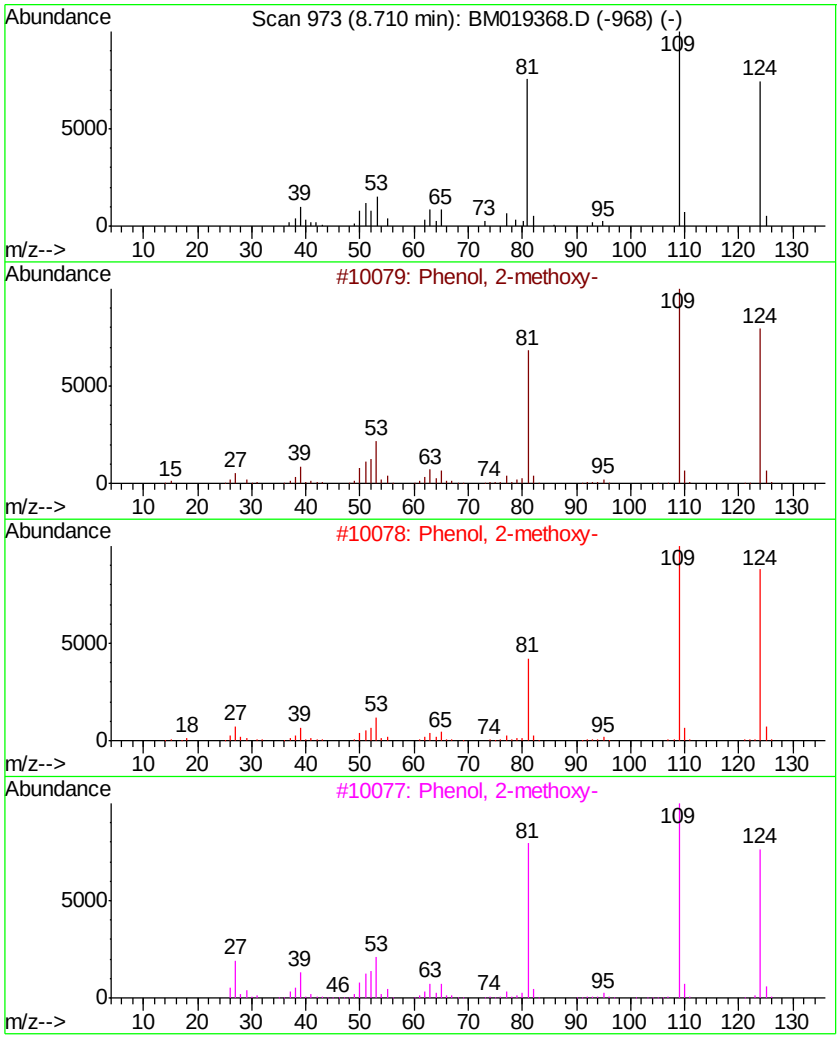
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

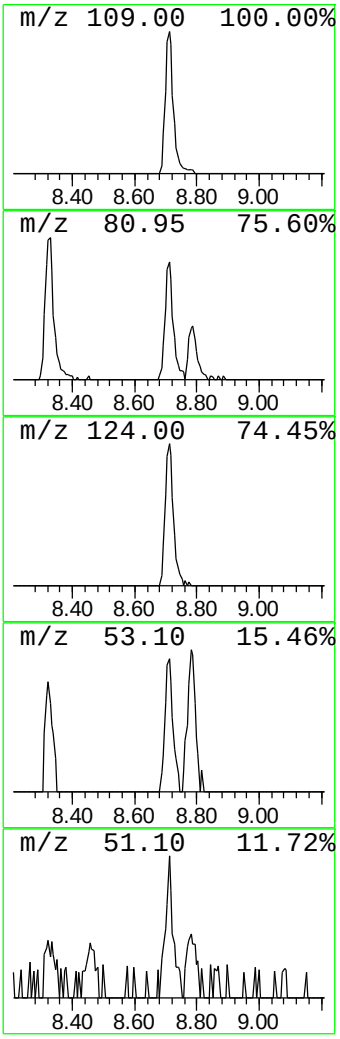
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.01 ng/ul	90022	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	92
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	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019368.D
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Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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

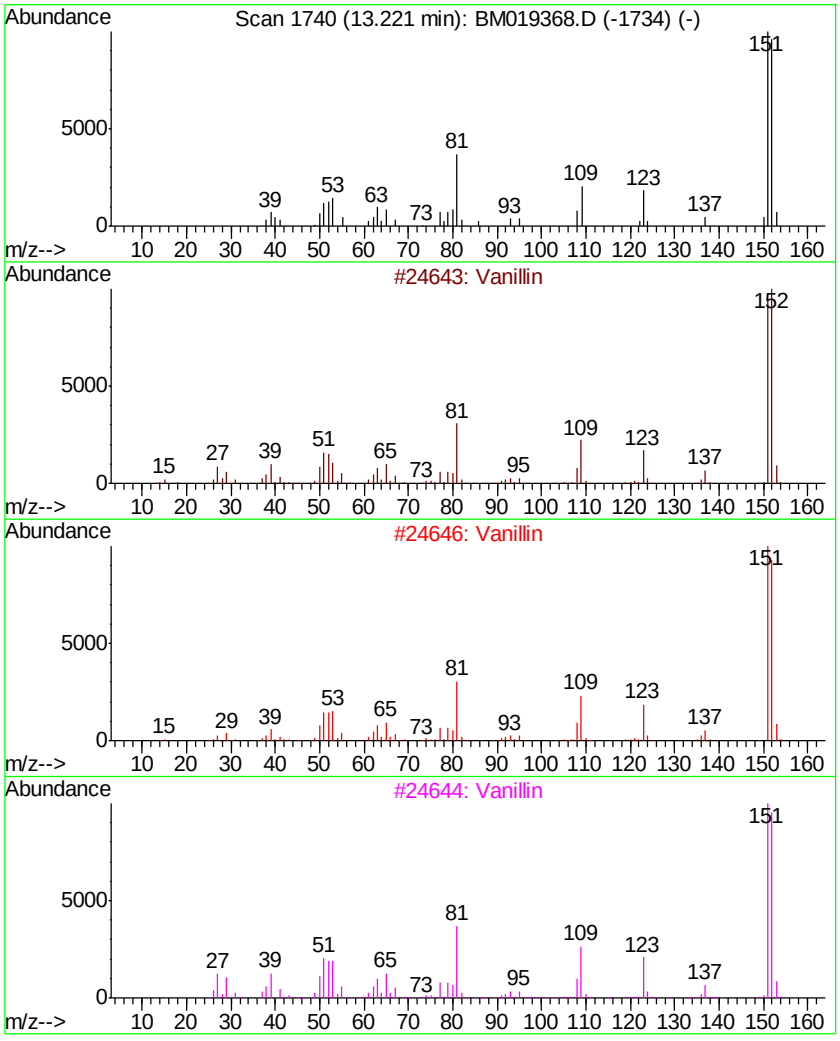
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

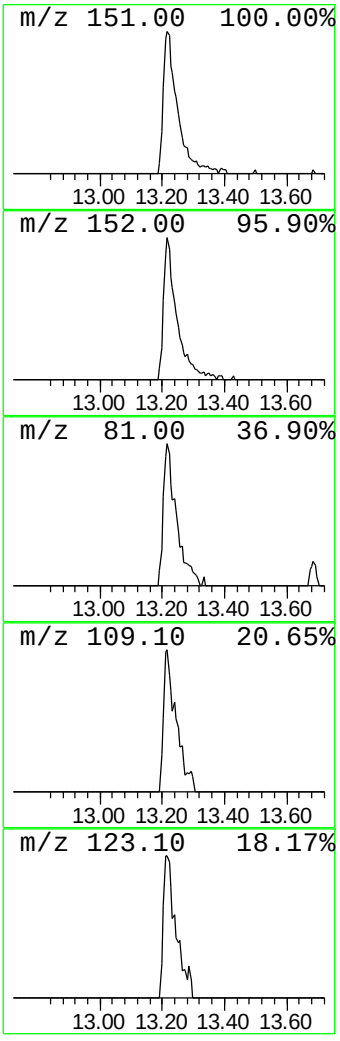
****

Peak Number 2 Vanillin Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.11 ng/ul	177182	Acenaphthene-d10	14.27

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	95
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BF5Y0

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

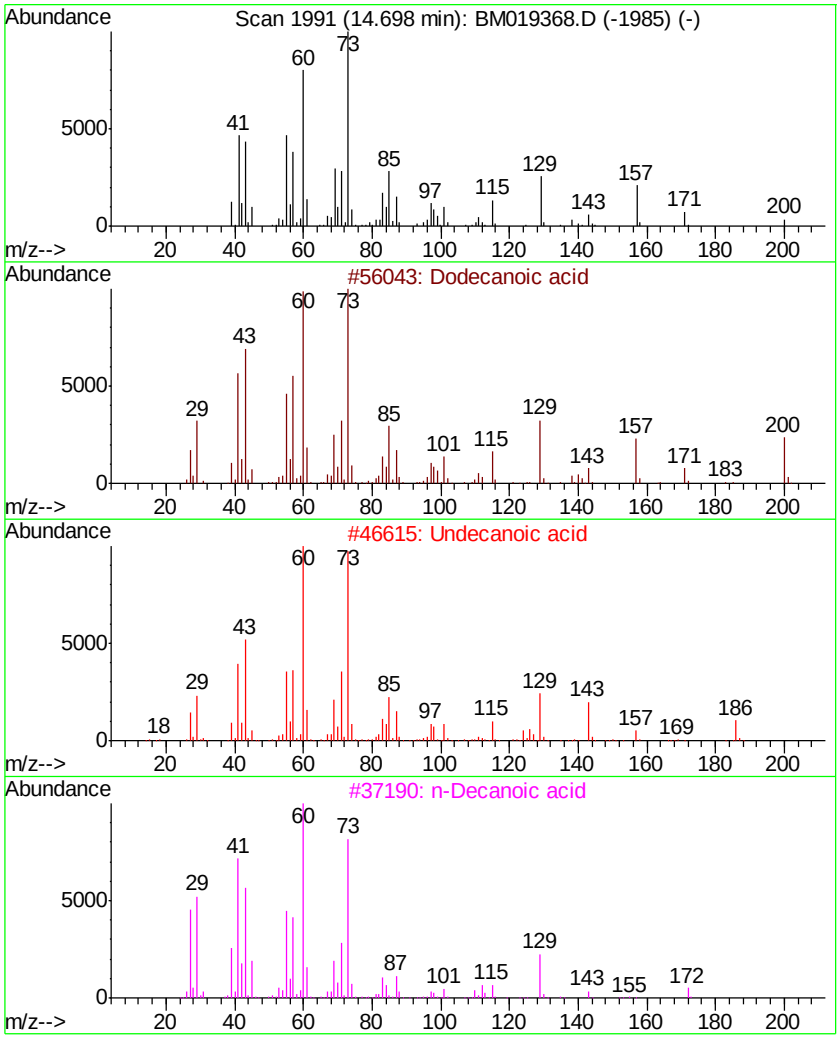
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

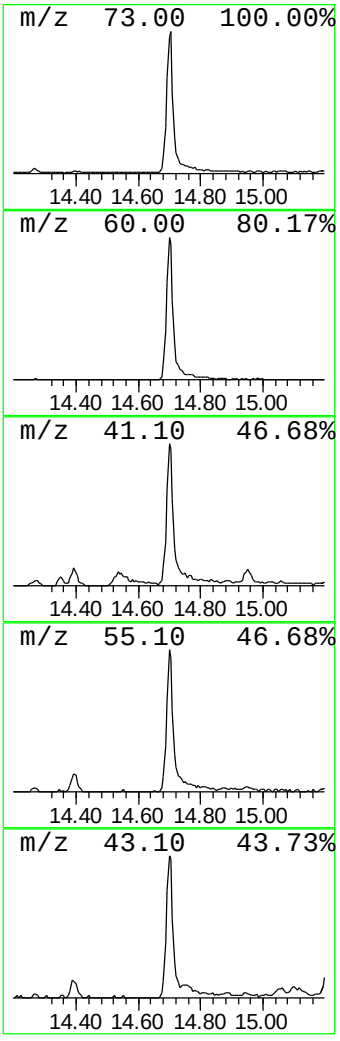
****

Peak Number 3 Dodecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	7.40 ng/ul	620582	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	56





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BF5Y0

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

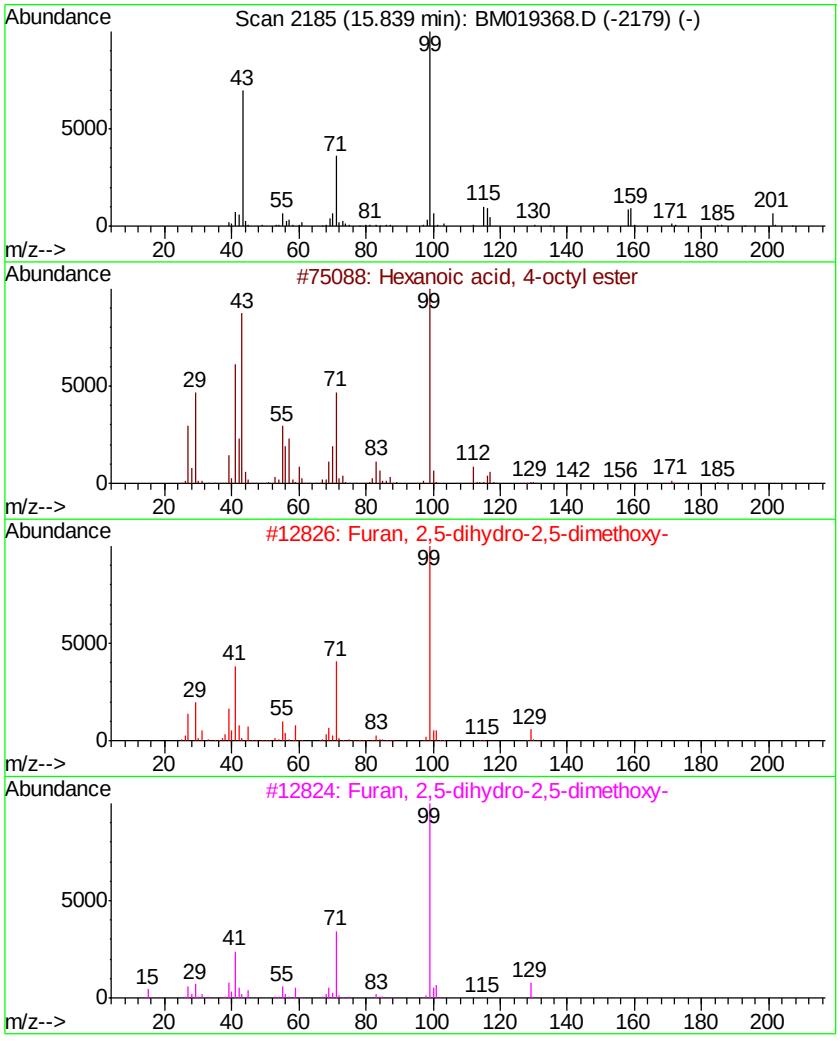
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

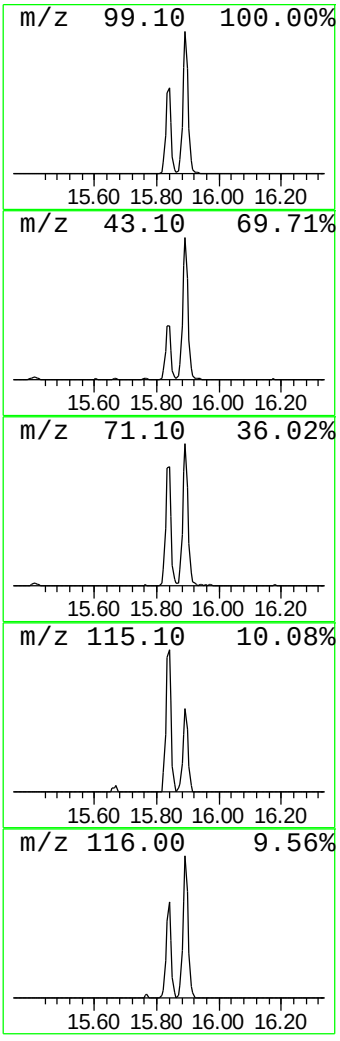
****

Peak Number 4 Hexanoic acid, 4-octyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	4.59 ng/ul	468927	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-octyl ester	228	C14H28O2	1000160-13-3	53
2	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	50
3	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	50
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50





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Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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

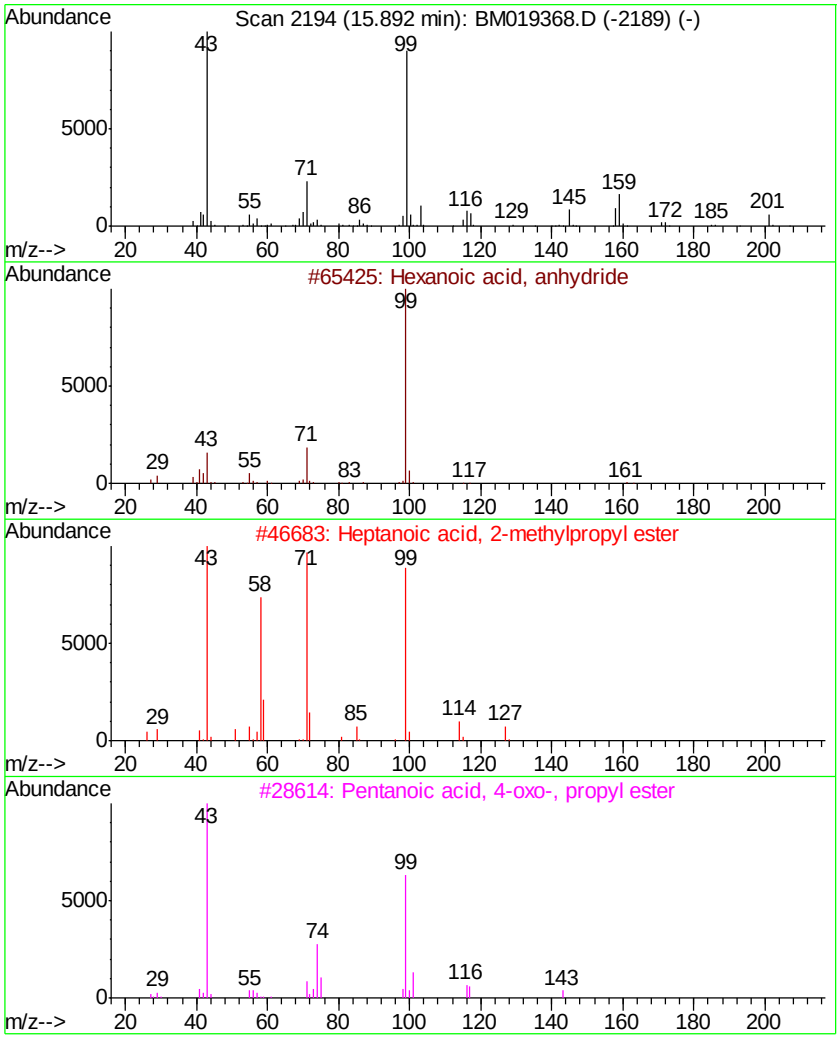
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

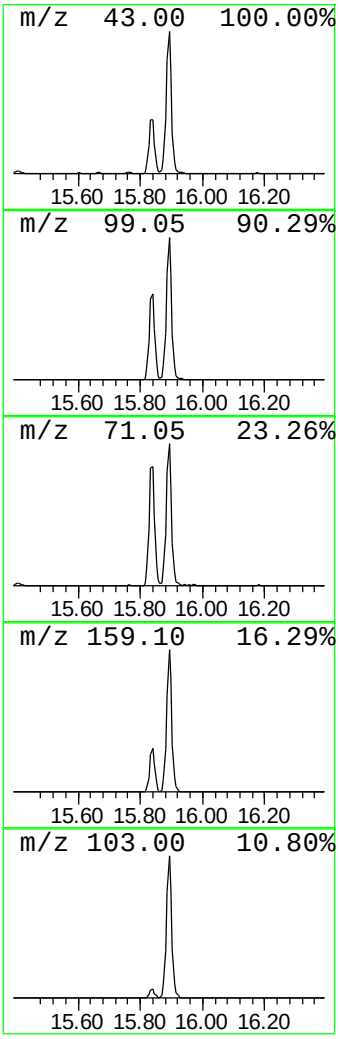
****

Peak Number 5 Hexanoic acid, anhydride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	9.42 ng/ul	963396	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
2	Heptanoic acid, 2-methylpropyl e...	186	C11H22O2	007779-80-8	50
3	Pentanoic acid, 4-oxo-, propyl e...	158	C8H14O3	000645-67-0	47
4	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	42
5	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	40





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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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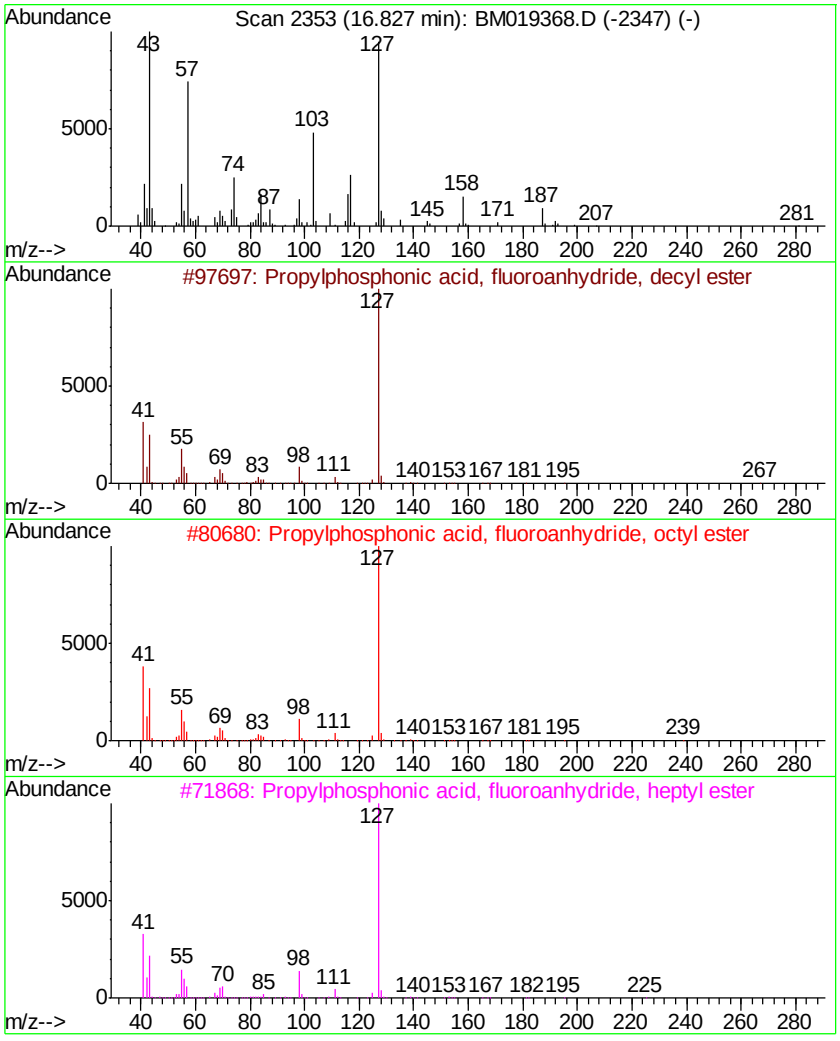
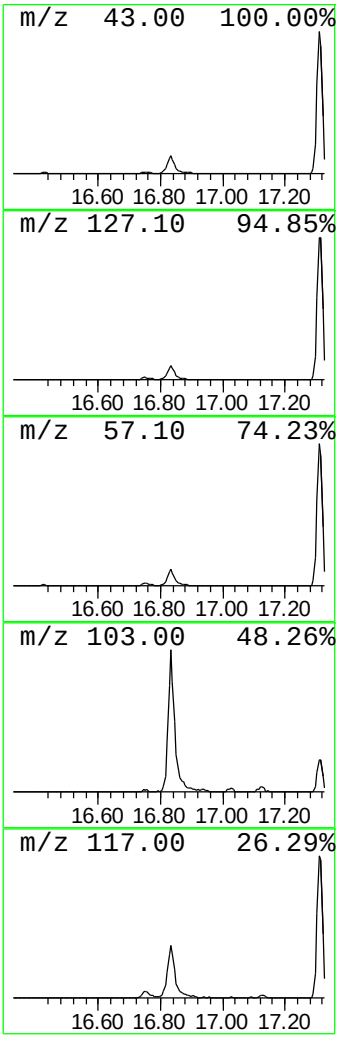
Peak Number 6 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	5.80 ng/ul	592836	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	27
2	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	27
3	Propylphosphonic acid, fluoroanh...	224	C10H22FO2P	333416-19-6	27
4	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	27
5	Caprylic anhydride	270	C16H30O3	000623-66-5	25





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Acq On : 24 Mar 2019 00:47
Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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Quant Title : SVOA CALIBRATION

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

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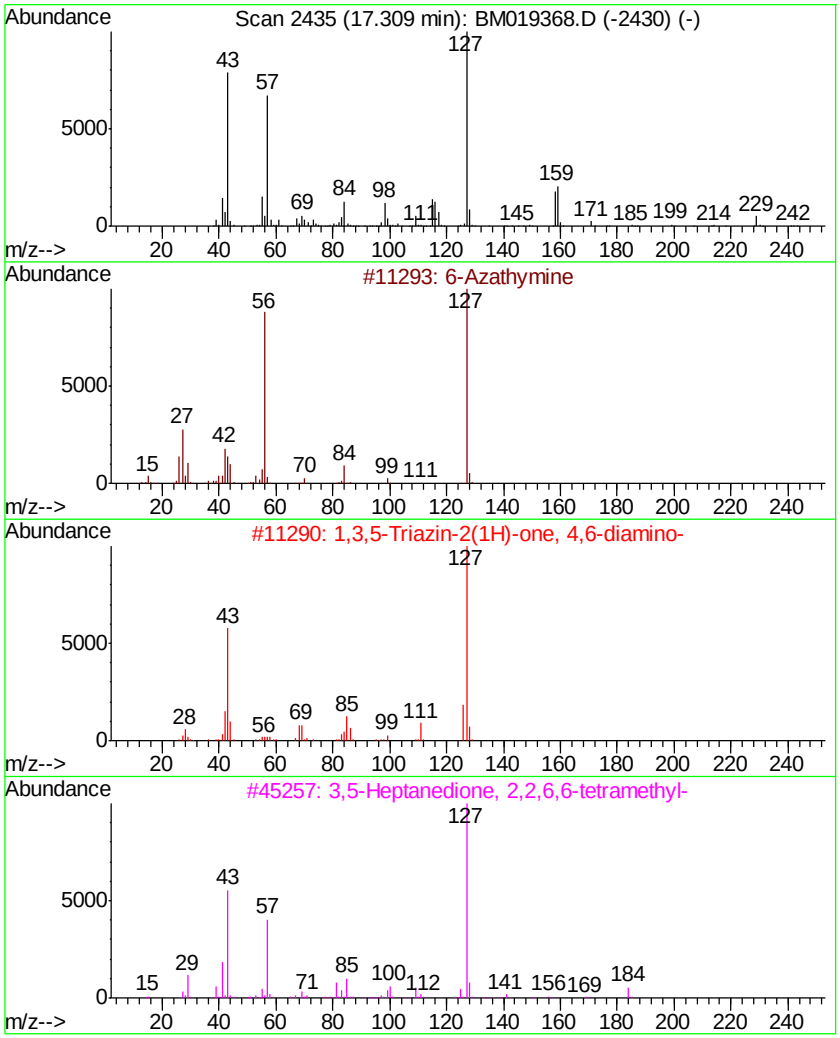
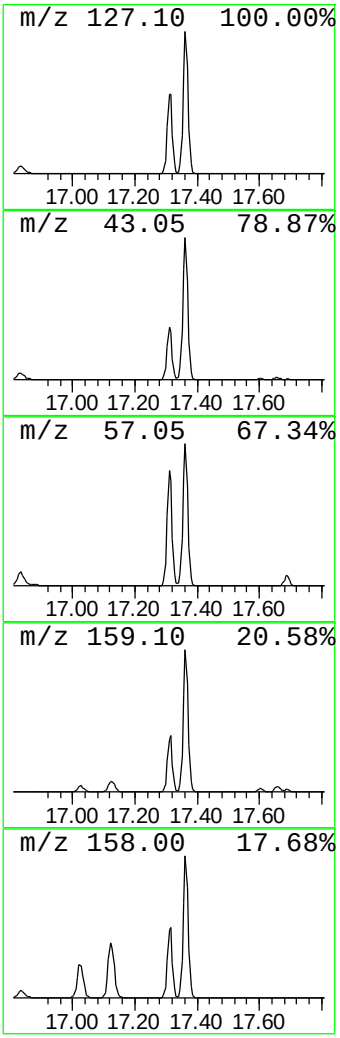
Peak Number 7 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	28.20 ng/ul	2884140	Phenanthrene-d10	17.03

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	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	38
4	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	38
5	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	33





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ClientSampleId : BF5Y0

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Quant Title : SVOA CALIBRATION

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

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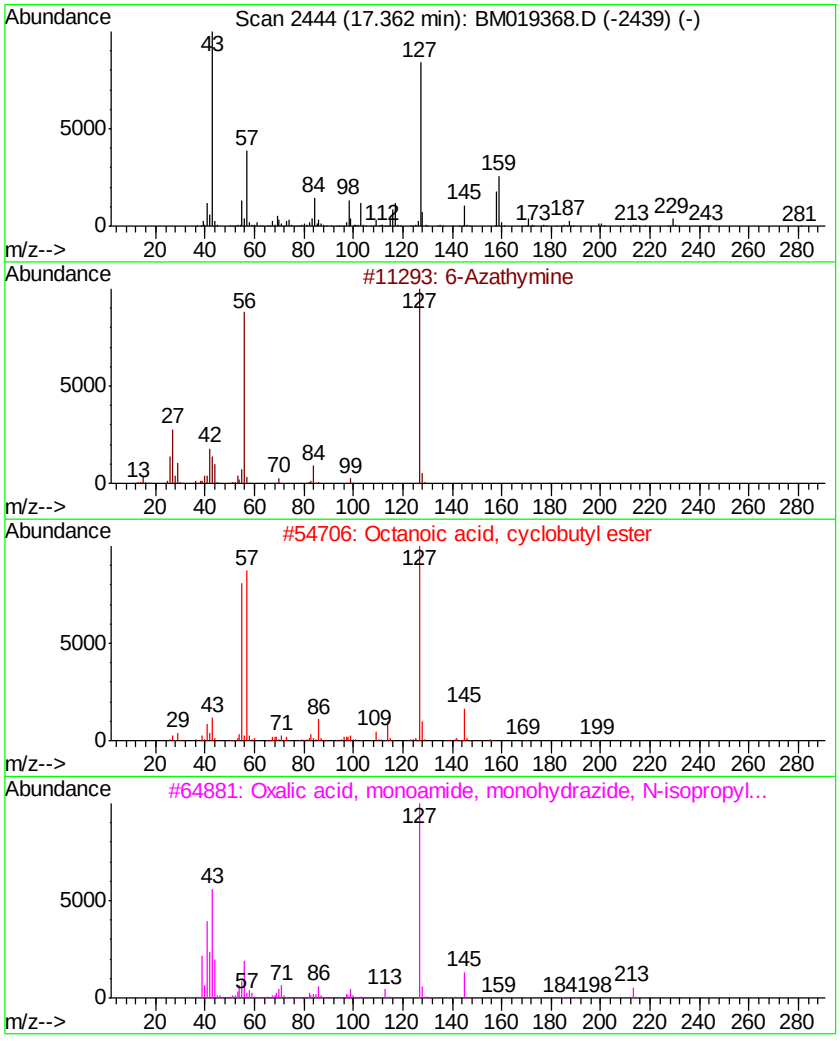
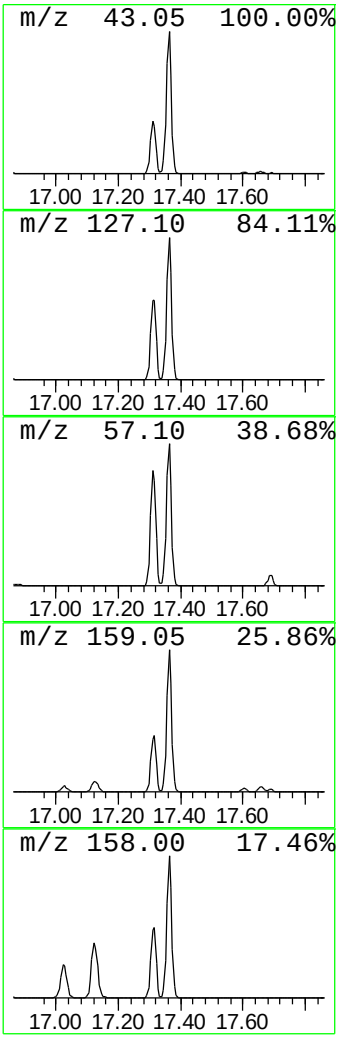
Peak Number 8 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	56.87 ng/ul	5815880	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Azathymine	127	C4H5N3O2	000932-53-6	38
2	Octanoic acid, cyclobutyl ester	198	C12H22O2	1000282-86-6	37
3	Oxalic acid, monoamide, monohydr...	213	C10H19N3O2	1000265-20-0	37
4	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	37
5	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	37





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Quant Title : SVOA CALIBRATION

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

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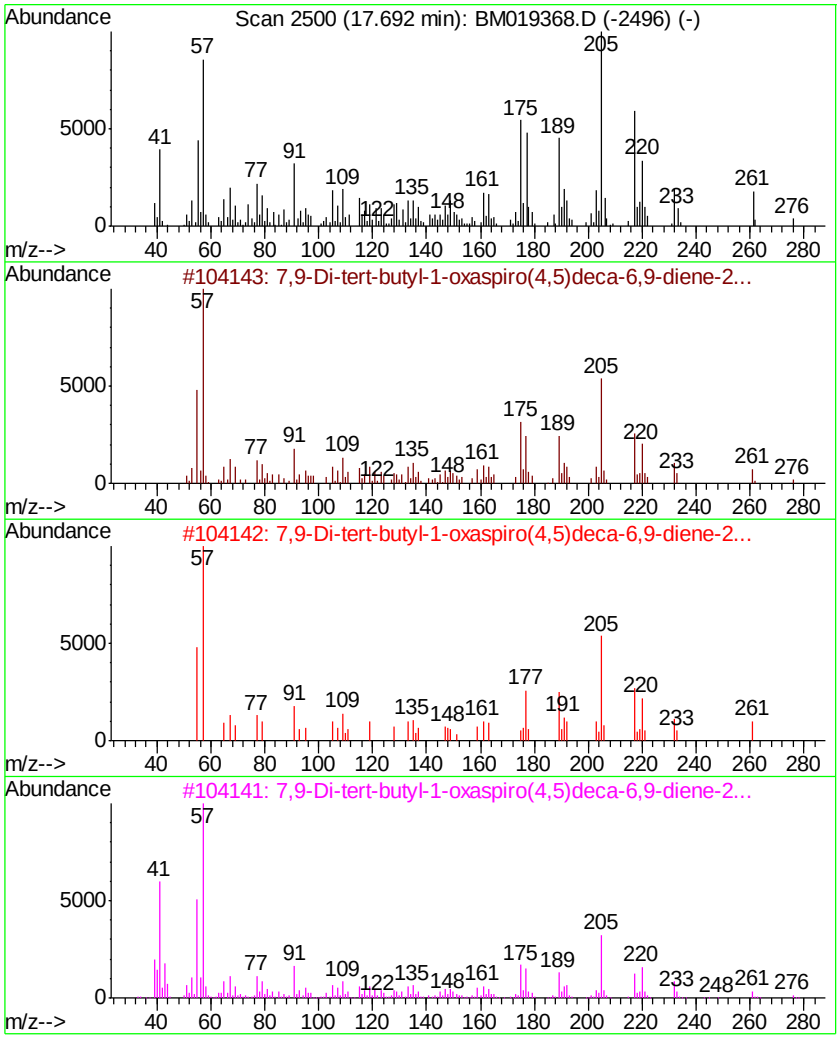
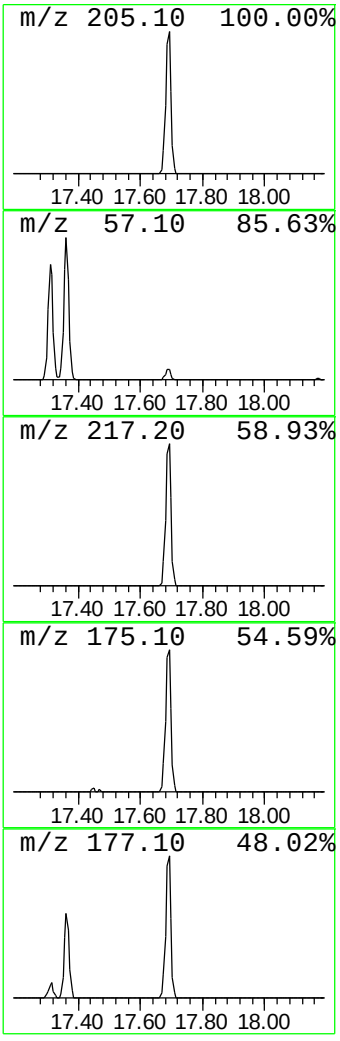
Peak Number 9 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	5.68 ng/ul	580831	Phenanthrene-d10	17.03

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	81
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	76
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	64
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42





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ClientSampleId : BF5Y0

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Quant Title : SVOA CALIBRATION

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

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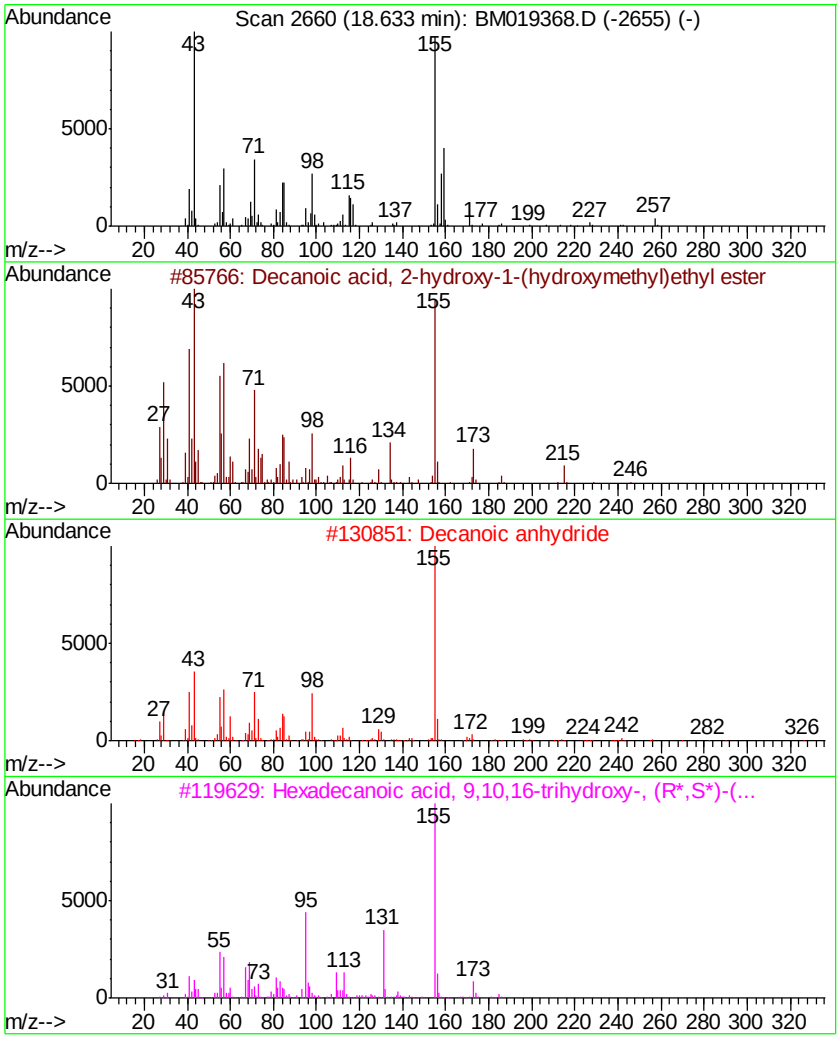
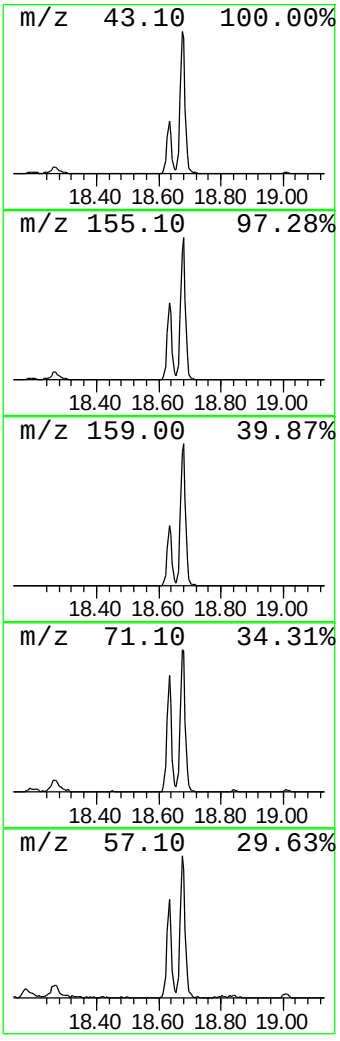
Peak Number 10 Decanoic acid, 2-hydroxy-1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	5.21 ng/ul	532646	Phenanthrene-d10	17.03

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	Hexadecanoic acid, 9,10,16-trihy...	304	C16H32O5	000533-87-9	16
4	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	16
5	Xylitol, 1-O-decanoyl-	306	C15H30O6	1000155-78-0	13





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ClientSampleId : BF5Y0

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Quant Title : SVOA CALIBRATION

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

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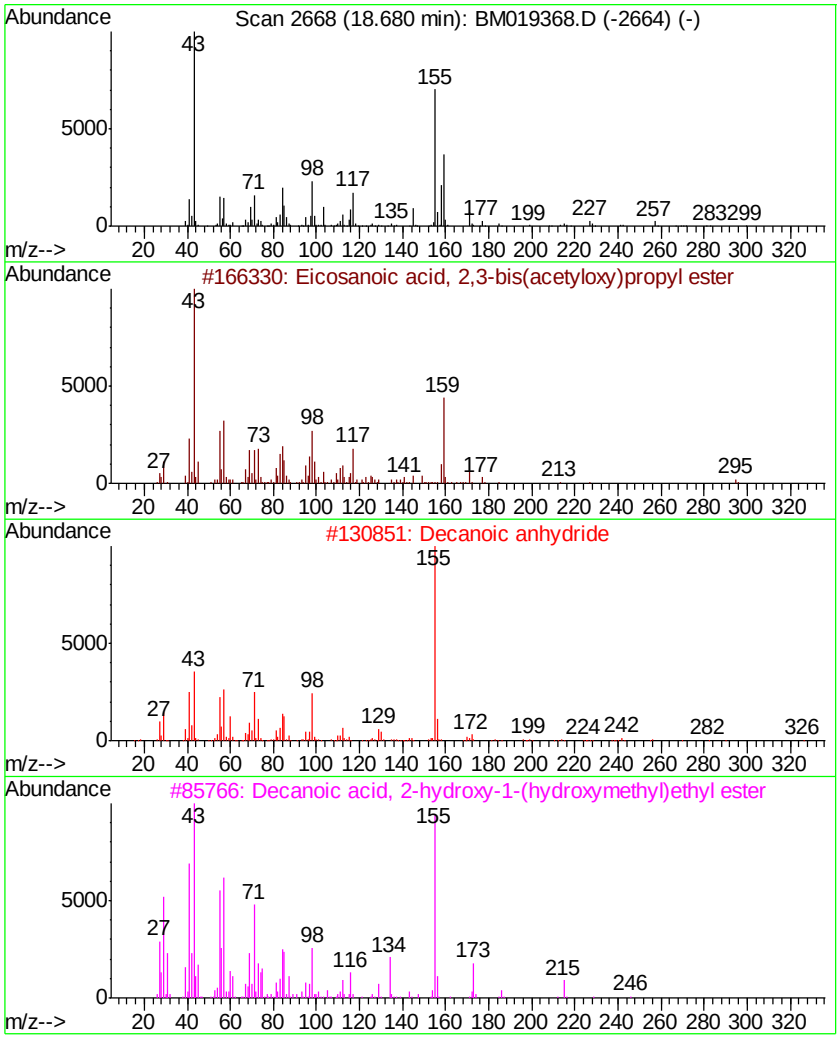
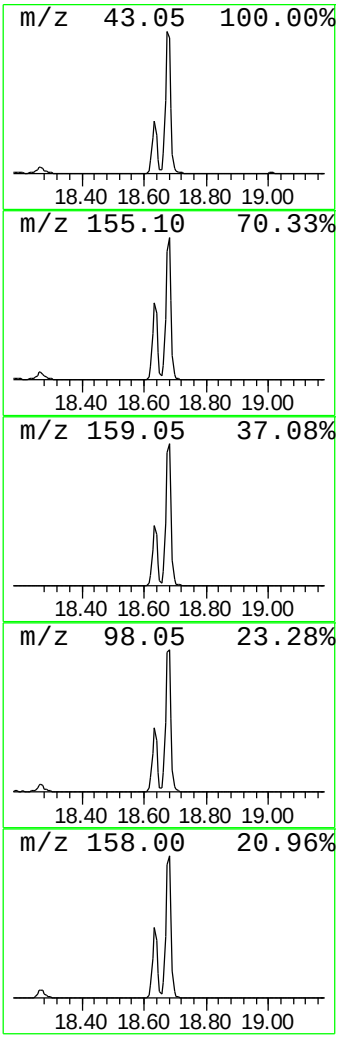
Peak Number 11 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	11.83 ng/ul	1209250	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	38
2	Decanoic anhydride	326	C20H38O3	002082-76-0	25
3	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	17
4	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	12
5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	12





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Instrument : BNA_M
ClientSampleId : BF5Y0

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Quant Title : SVOA CALIBRATION

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

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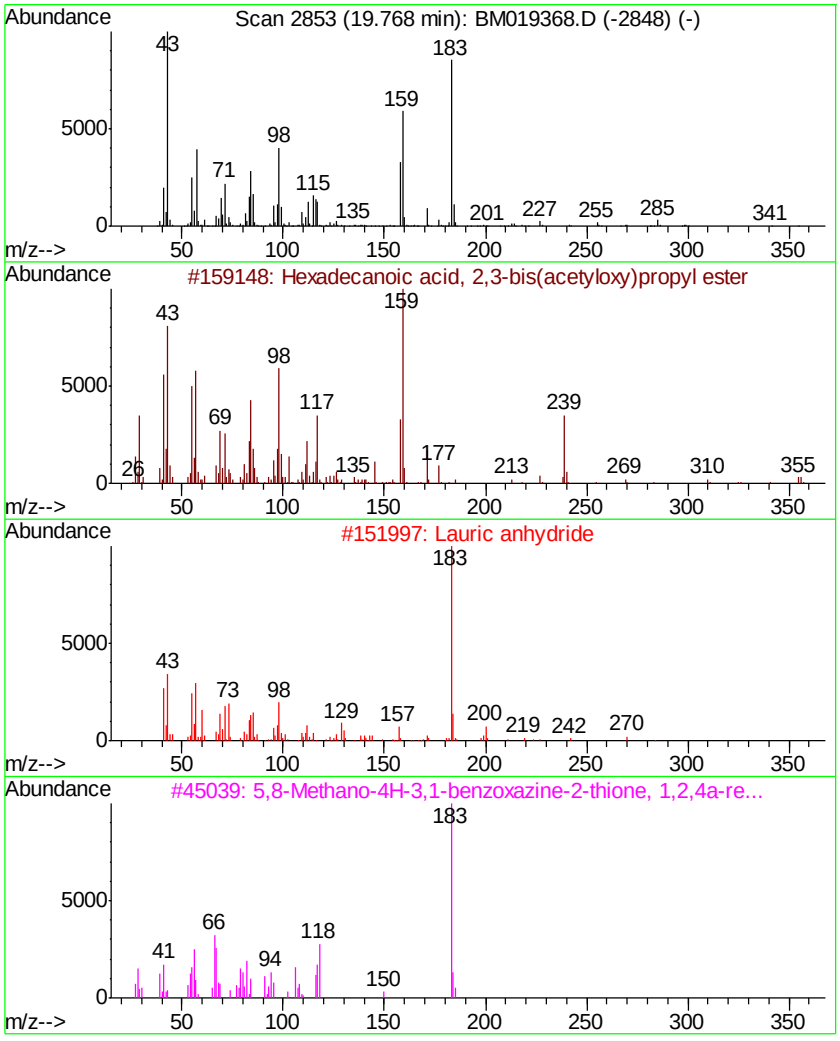
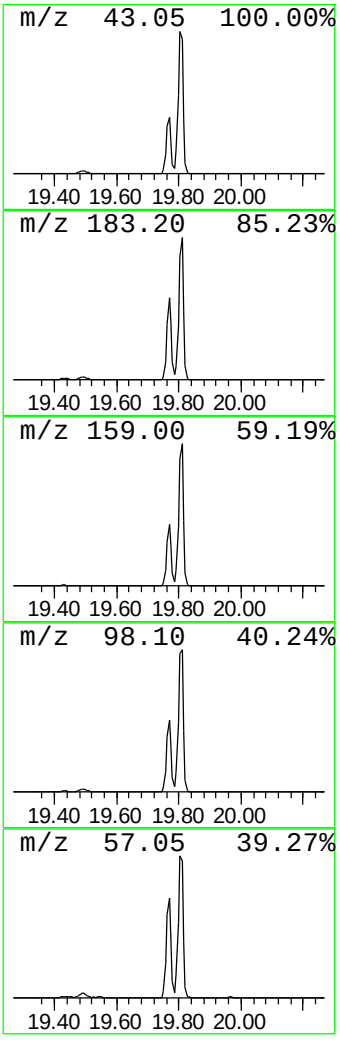
Peak Number 12 unknown-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	24.72 ng/ul	3222090	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	32
2	Lauric anhydride	382	C24H46O3	000645-66-9	32
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	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	22





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Sample : K2031-13
Misc :
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Instrument : BNA_M
ClientSampleId : BF5Y0

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Quant Title : SVOA CALIBRATION

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

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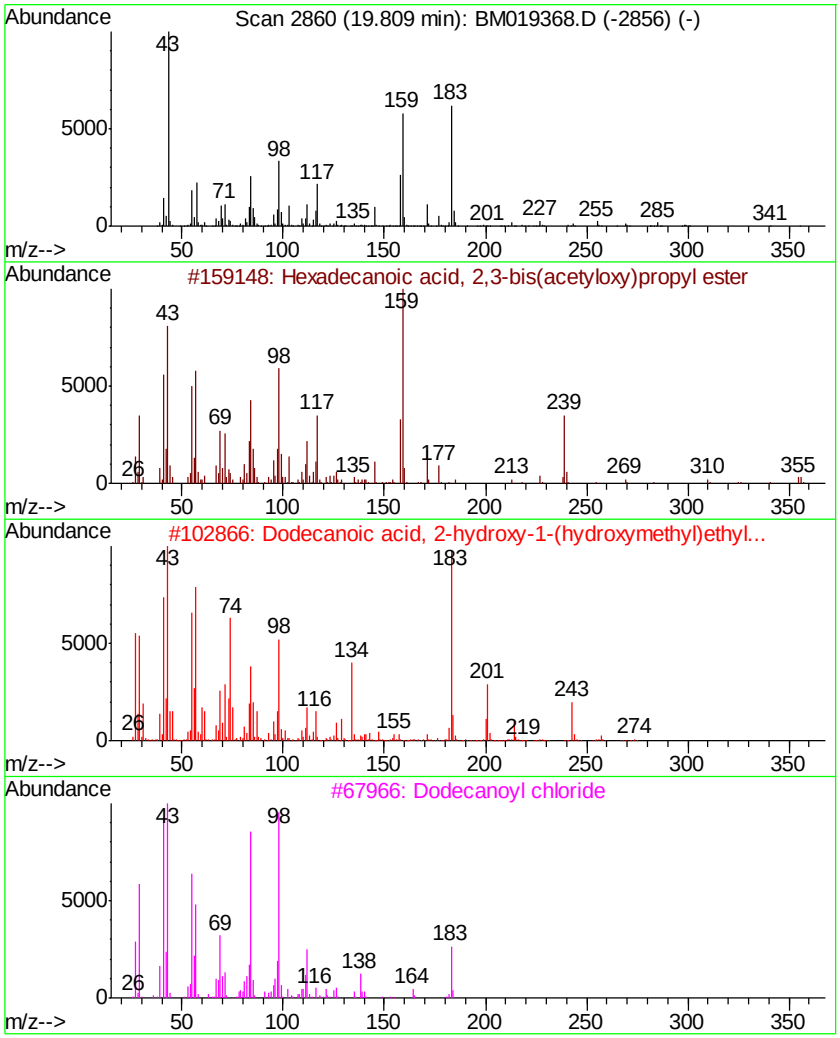
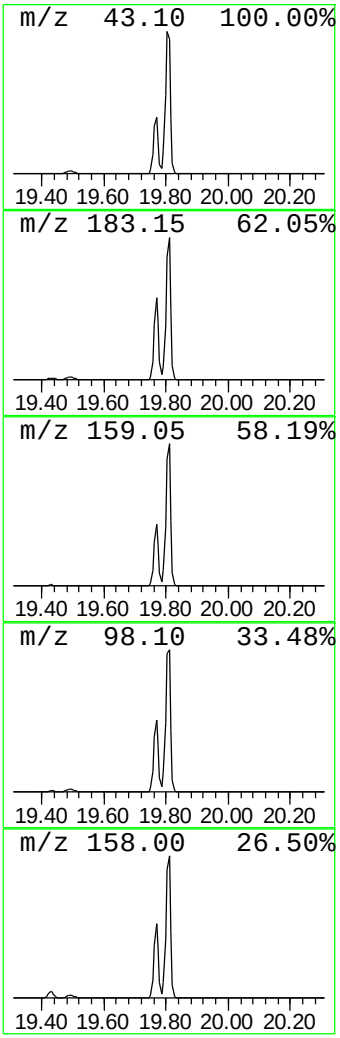
Peak Number 13 unknown-06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	51.46 ng/ul	6707920	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	35
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	25
3	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	25
4	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14
5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	10





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Misc :
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Instrument : BNA_M
ClientSampleId : BF5Y0

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Quant Title : SVOA CALIBRATION

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

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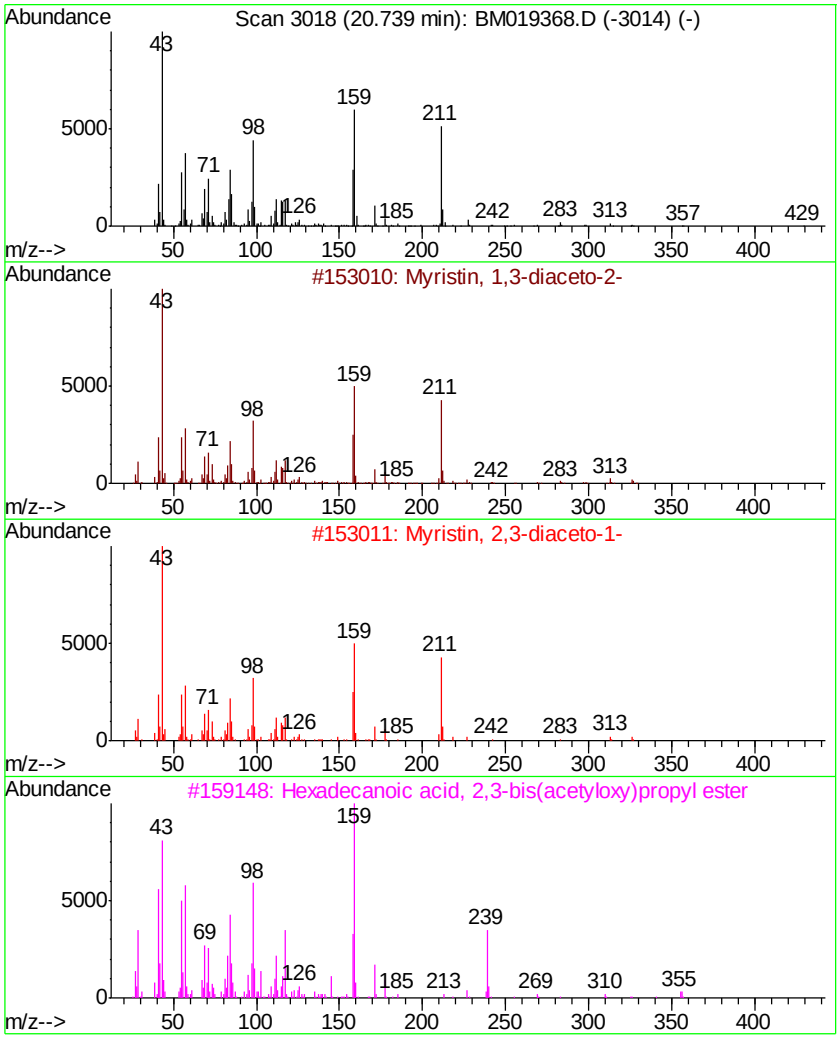
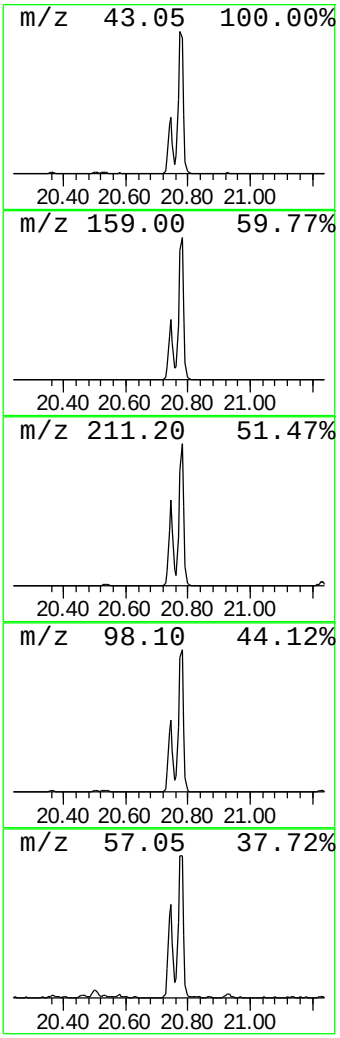
Peak Number 14 Myristin, 1,3-diaceto-2- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	11.06 ng/ul	1441100	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	91
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	62
4	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	50
5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	32





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Quant Title : SVOA CALIBRATION

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

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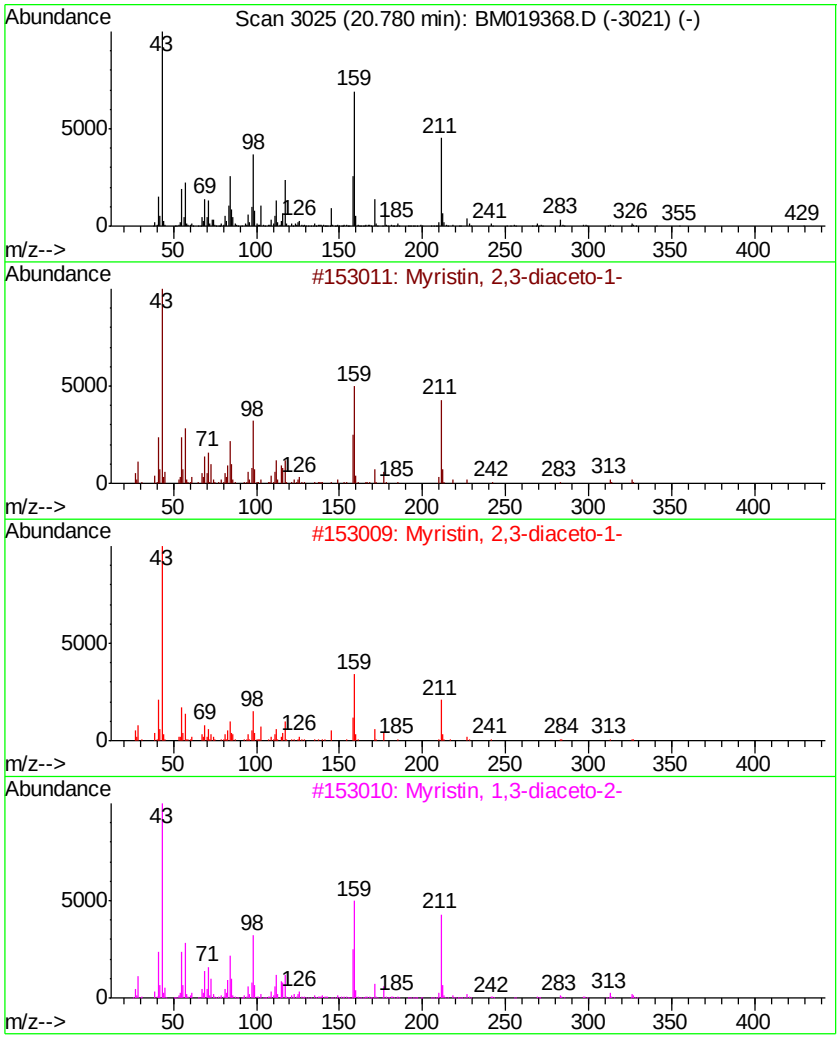
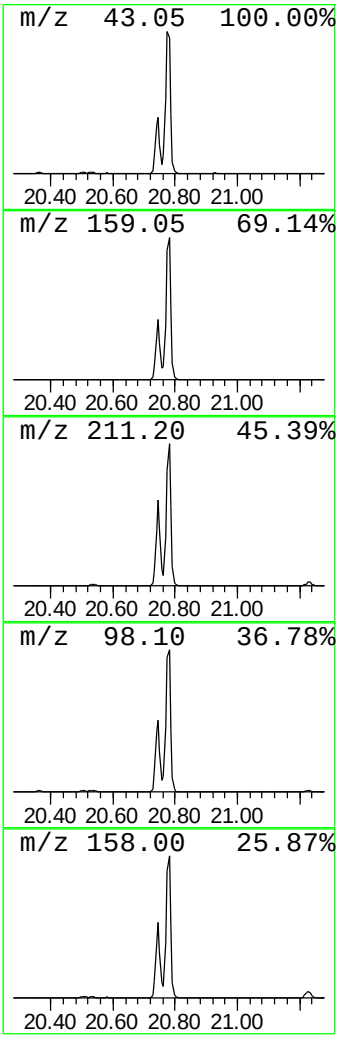
Peak Number 15 Myristin, 2,3-diaceto-1- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	24.13 ng/ul	3145250	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	87
3	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	83
4	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	70
5	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	14





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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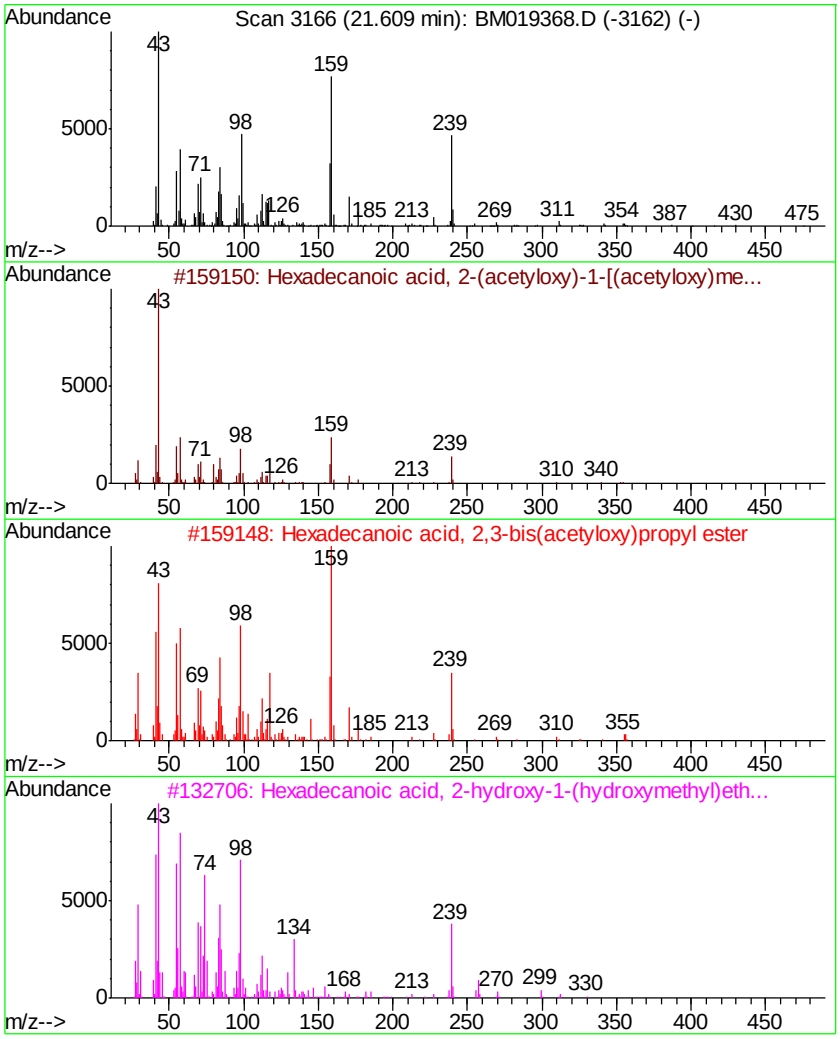
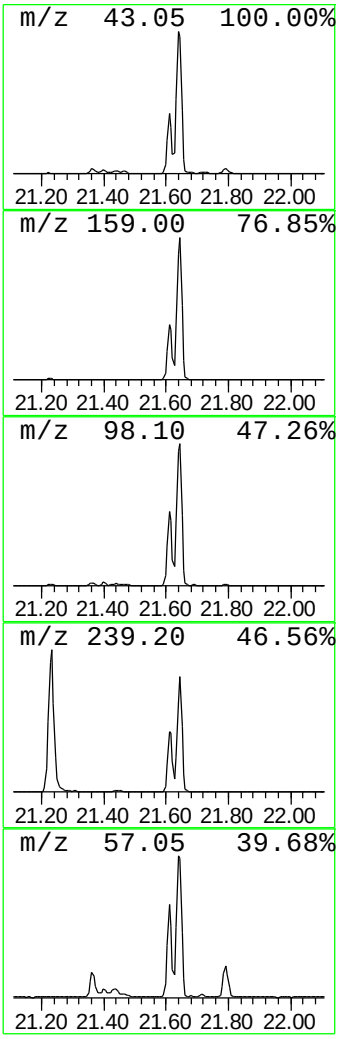
Peak Number 16 Hexadecanoic acid, 2-(acety... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	6.98 ng/ul	910098	Chrysene-d12	21.23

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	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	30
4	1,2-Diacetoxy-3-(2-acetoxyphenox...	310	C15H18O7	1000281-59-5	22
5	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	22





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Quant Title : SVOA CALIBRATION

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

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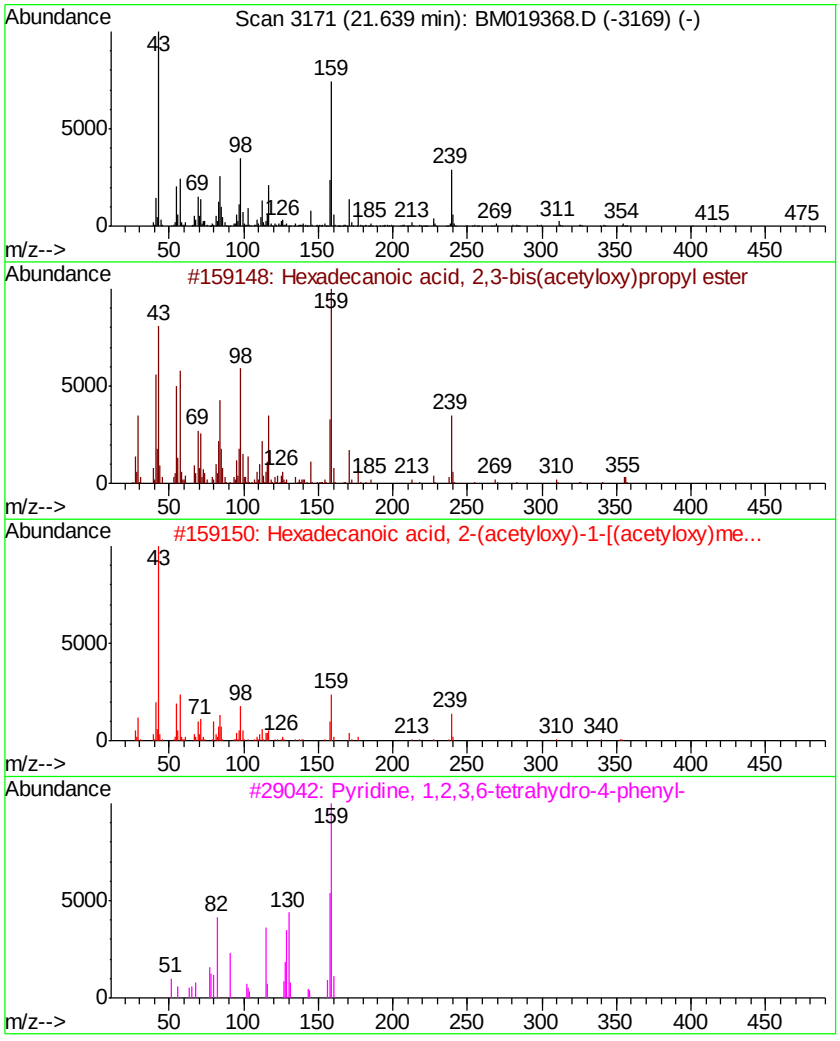
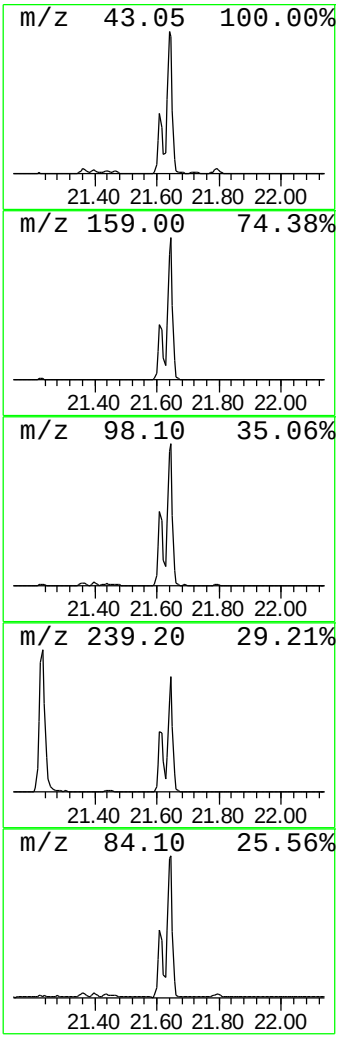
Peak Number 17 Hexadecanoic acid, 2,3-bis(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	13.62 ng/ul	1775500	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	64
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	38
3	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	27
4	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	22
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	22





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Data File : BM019368.D
Acq On : 24 Mar 2019 00:47
Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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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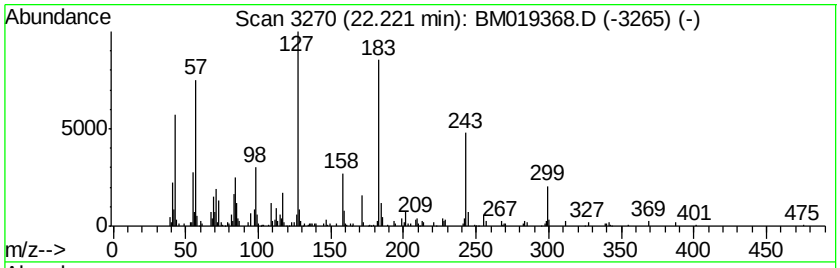
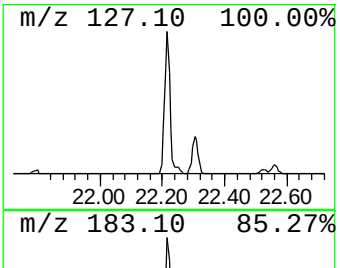
Peak Number 18 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.89 ng/ul	376474	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aluminum, bis(2-methylpropyl)(2,...	240	C13H25AlO2	014241-84-0	38
2	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	30
3	2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	27
4	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	25
5	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019368.D
Acq On : 24 Mar 2019 00:47
Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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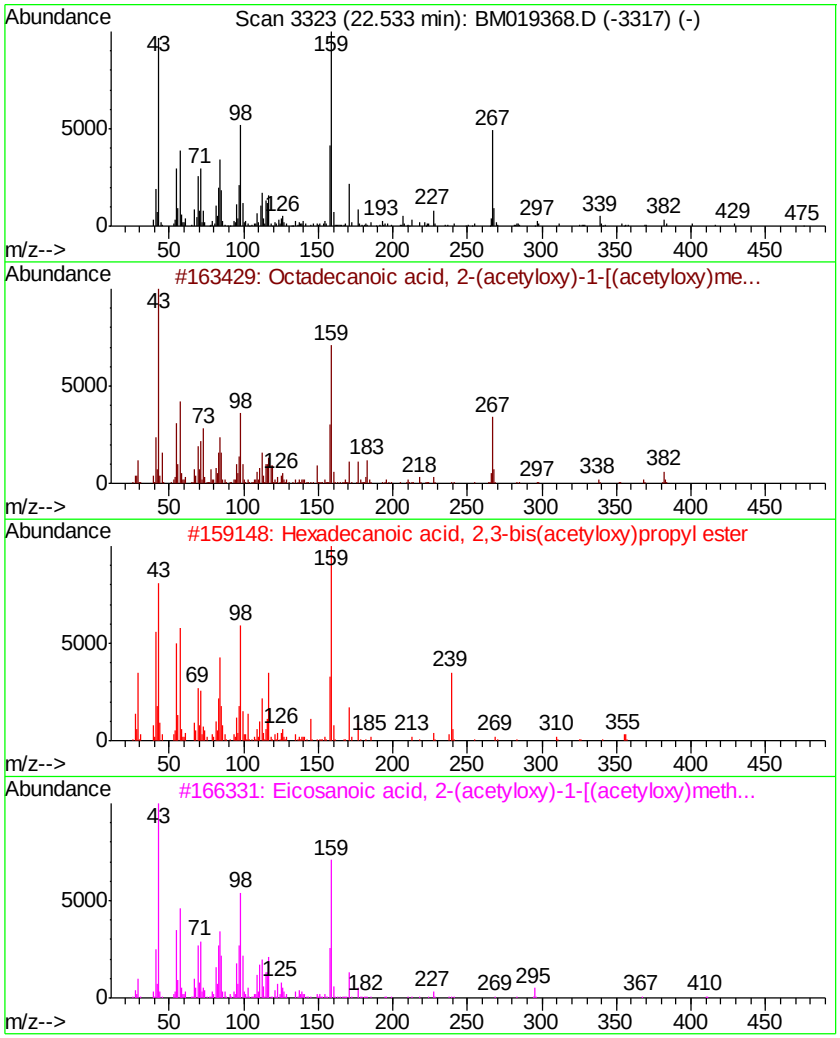
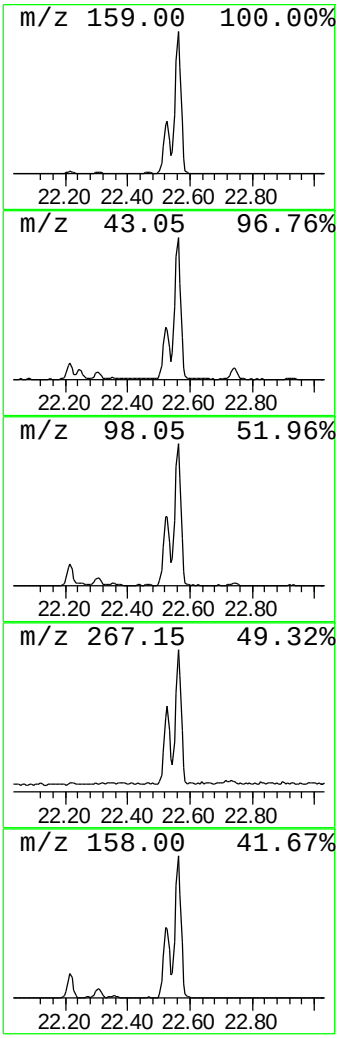
Peak Number 19 Octadecanoic acid, 2-(acety... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	6.19 ng/ul	846078	Perylene-d12	23.44

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	64
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	47
4	2,3,4-Trifluorobenzoic acid, 3-t...	358	C20H29F3O2	1000280-61-8	38
5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019368.D
Acq On : 24 Mar 2019 00:47
Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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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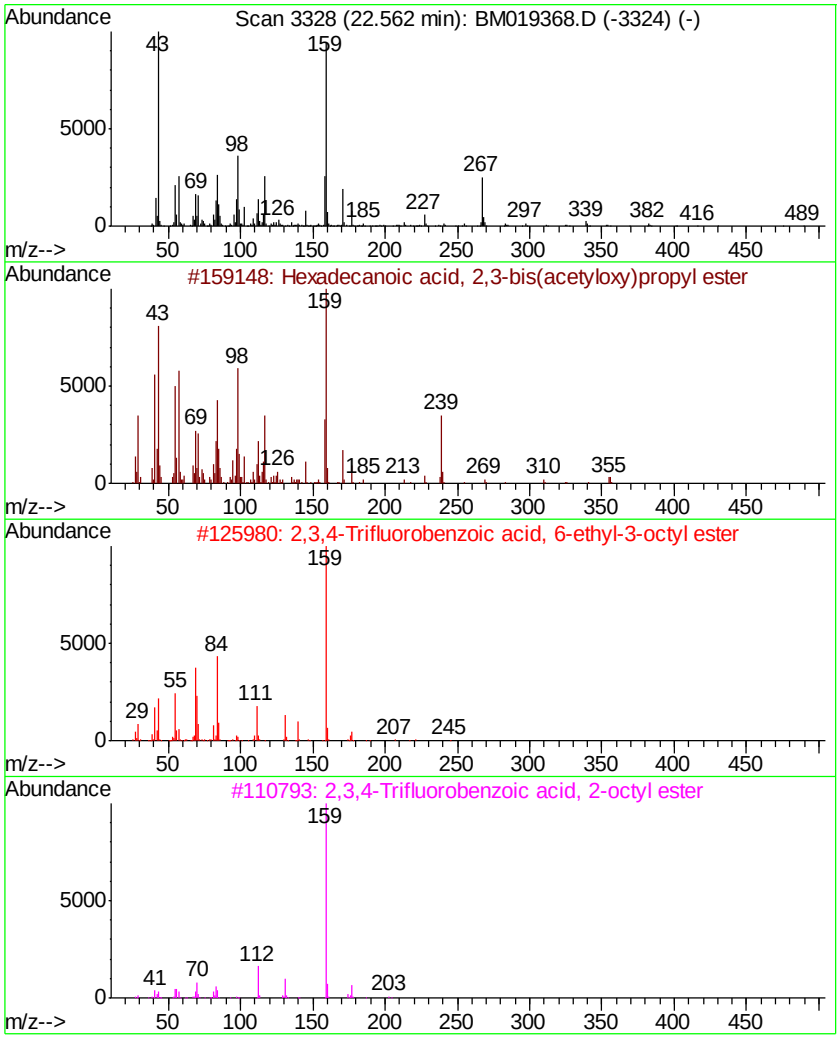
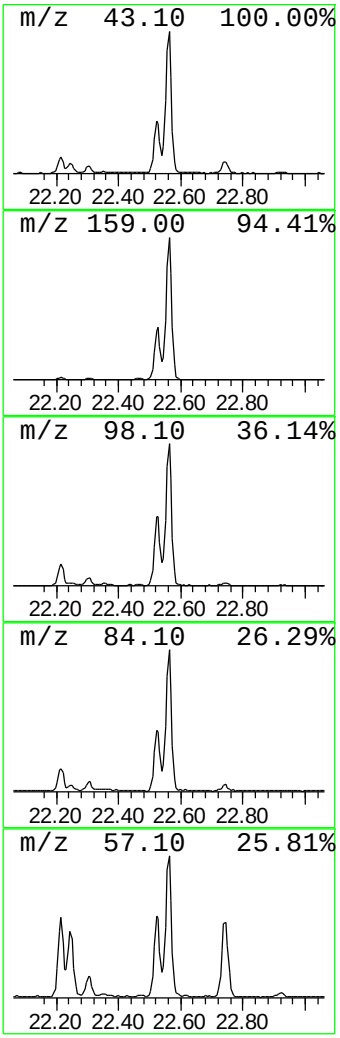
Peak Number 20 unknown-08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	13.69 ng/ul	1872230	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	53
2	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	27
3	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27
4	2,3,4-Trifluorobenzoic acid, 3-p...	386	C22H33F3O2	1000280-62-2	25
5	2,3,4-Trifluorobenzoic acid, 4-t...	372	C21H31F3O2	1000280-62-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019368.D
Acq On : 24 Mar 2019 00:47
Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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

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

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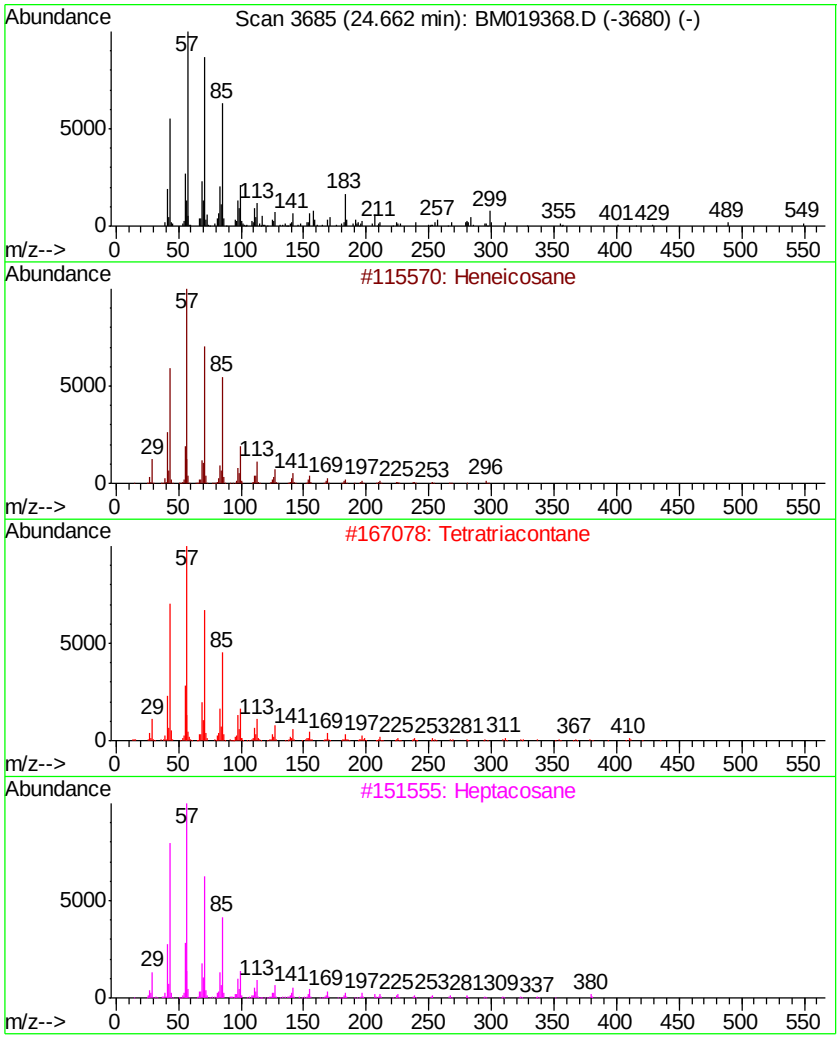
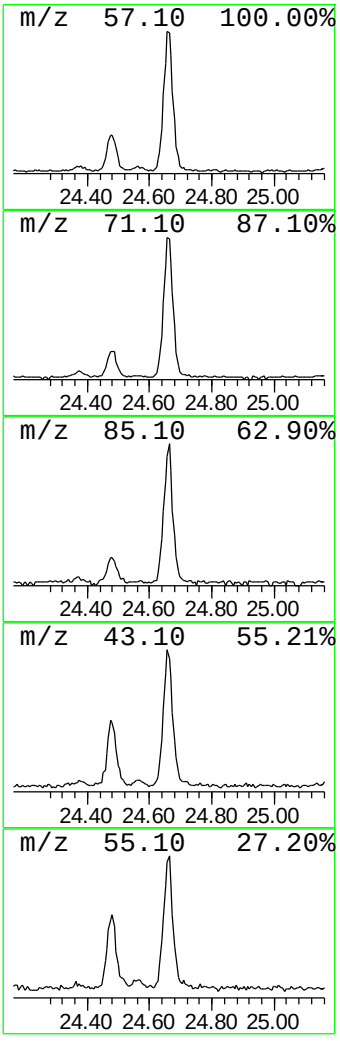
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.60 ng/ul	355340	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexatriacontane	507	C36H74	000630-06-8	86
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
Data File : BM019368.D
Acq On : 24 Mar 2019 00:47
Operator : JU/SJ
Sample : K2031-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Y0

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-	8.71	2.0	ng/ul	90022	1	7.61	894856	20.0
Vanillin	13.22	2.1	ng/ul	177182	3	14.27	1677520	20.0
Dodecanoic acid	14.70	7.4	ng/ul	620582	3	14.27	1677520	20.0
Hexanoic acid, 4-...	15.84	4.6	ng/ul	468927	4	17.03	2045230	20.0
Hexanoic acid, an...	15.89	9.4	ng/ul	963396	4	17.03	2045230	20.0
unknown-01	16.83	5.8	ng/ul	592836	4	17.03	2045230	20.0
unknown-02	17.31	28.2	ng/ul	2884140	4	17.03	2045230	20.0
unknown-03	17.36	56.9	ng/ul	5815880	4	17.03	2045230	20.0
7,9-Di-tert-butyl...	17.69	5.7	ng/ul	580831	4	17.03	2045230	20.0
Decanoic acid, 2-...	18.63	5.2	ng/ul	532646	4	17.03	2045230	20.0
unknown-04	18.68	11.8	ng/ul	1209250	4	17.03	2045230	20.0
unknown-05	19.77	24.7	ng/ul	3222090	5	21.23	2607060	20.0
unknown-06	19.81	51.5	ng/ul	6707920	5	21.23	2607060	20.0
Myristin, 1,3-dia...	20.74	11.1	ng/ul	1441100	5	21.23	2607060	20.0
Myristin, 2,3-dia...	20.78	24.1	ng/ul	3145250	5	21.23	2607060	20.0
Hexadecanoic acid...	21.61	7.0	ng/ul	910098	5	21.23	2607060	20.0
Hexadecanoic acid...	21.64	13.6	ng/ul	1775500	5	21.23	2607060	20.0
unknown-07	22.22	2.9	ng/ul	376474	5	21.23	2607060	20.0
Octadecanoic acid...	22.53	6.2	ng/ul	846078	6	23.44	2734450	20.0
unknown-08	22.56	13.7	ng/ul	1872230	6	23.44	2734450	20.0
(DEL) Alkane: Str...	24.66	2.6	ng/ul	355340	6	23.44	2734450	20.0