LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019441.D
Acq On : 25 Mar 2019 21:03
Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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	3.146	24	27	31	rBV	33814	40346	0.95%	0.065%
2	3.746	126	129	135	rVB3	9537	15134	0.36%	0.024%
3	3.846	143	146	150	rVB3	7107	10102	0.24%	0.016%
4	6.722	632	635	640	rVB4	4805	6164	0.14%	0.010%
5	6.787	640	646	656	rBV	158718	318863	7.50%	0.514%
6	6.951	668	674	693	rBV	587273	1017775	23.94%	1.641%
7	7.134	699	705	718	rBV	665148	1102876	25.94%	1.779%
8	7.604	779	785	793	rBV	628368	1023848	24.08%	1.651%
9	7.681	793	798	805	rVB4	27719	56903	1.34%	0.092%
10	8.316	899	906	924	rBV	482113	879627	20.69%	1.419%
11	8.445	924	928	933	rVB3	9405	15726	0.37%	0.025%
12	8.698	966	971	977	rBV	83750	139617	3.28%	0.225%
13	8.769	977	983	992	rVV	714110	1203159	28.30%	1.940%
14	9.486	1098	1105	1118	rBV	580012	1022839	24.06%	1.650%
15	9.763	1144	1152	1156	rBV6	6394	13952	0.33%	0.023%
16	10.016	1188	1195	1217	rBV	755764	1575983	37.07%	2.542%
17	10.239	1232	1233	1240	rVB5	4409	5941	0.14%	0.010%
18	10.328	1240	1248	1251	rBV3	34586	70158	1.65%	0.113%
19	10.380	1251	1257	1266	rVV	913725	1554529	36.57%	2.507%
20	10.439	1266	1267	1273	rVB4	5659	7798	0.18%	0.013%
21	10.951	1348	1354	1368	rBV2	13508	52666	1.24%	0.085%
22	11.575	1457	1460	1469	rVB3	4051	7588	0.18%	0.012%
23	11.704	1476	1482	1492	rBV	59213	130069	3.06%	0.210%
24	11.992	1526	1531	1536	rBV4	10252	19677	0.46%	0.032%
25	12.257	1572	1576	1582	rVB2	10179	15059	0.35%	0.024%
26	12.539	1619	1624	1629	rBV4	16422	34885	0.82%	0.056%
27	12.851	1673	1677	1681	rVB4	3723	5634	0.13%	0.009%
28	13.204	1732	1737	1755	rBV	106089	245056	5.76%	0.395%
29	13.680	1811	1818	1830	rBV	1698995	2383347	56.06%	3.844%
30	13.951	1856	1864	1877	rBV	2056939	2932190	68.97%	4.729%
31	14.174	1898	1902	1908	rBV4	2919	6112	0.14%	0.010%
32	14.263	1910	1917	1925	rVV2	1321517	2042015	48.03%	3.293%
33	14.345	1927	1931	1935	rVV	20933	27940	0.66%	0.045%
34	14.392	1935	1939	1944	rVB4	3574	5261	0.12%	0.008%

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Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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	14.527	1956	1962	1974	rBV4	36108	122962	2.89%	0.198%
36	14.692	1984	1990	2007	rBV	348930	580771	13.66%	0.937%
37	14.863	2017	2019	2026	rVB4	3781	5804	0.14%	0.009%
38	14.945	2026	2033	2039	rVV	30992	51285	1.21%	0.083%
39	15.021	2042	2046	2049	rVV2	17874	23662	0.56%	0.038%
40	15.045	2049	2050	2056	rVV2	6848	8880	0.21%	0.014%
41	15.098	2056	2059	2063	rVB3	5778	5648	0.13%	0.009%
42	15.204	2074	2077	2080	rBV2	3174	4647	0.11%	0.007%
43	15.262	2080	2087	2099	rVV	2531149	3634610	85.49%	5.862%
44	15.404	2105	2111	2122	rBV	695585	1028501	24.19%	1.659%
45	15.504	2125	2128	2135	rVB	28896	38884	0.91%	0.063%
46	15.639	2145	2151	2156	rVB3	12352	18494	0.44%	0.030%
47	15.833	2179	2184	2188	rBV	80662	98975	2.33%	0.160%
48	15.886	2188	2193	2200	rVB	158722	204856	4.82%	0.330%
49	16.051	2217	2221	2225	rVB2	7515	9466	0.22%	0.015%
50	16.427	2279	2285	2297	rBV4	15775	32752	0.77%	0.053%
51	16.609	2313	2316	2320	rVB4	5935	7903	0.19%	0.013%
52	16.745	2336	2339	2342	rBV2	5490	6899	0.16%	0.011%
53	16.833	2345	2354	2363	rVV3	48753	90619	2.13%	0.146%
54	17.015	2380	2385	2396	rBV2	1587752	2179480	51.27%	3.515%
55	17.115	2396	2402	2422	rVB2	2649472	3772470	88.74%	6.084%
56	17.304	2429	2434	2438	rBV	1472221	1683798	39.61%	2.716%
57	17.356	2438	2443	2450	rVB	2871776	3421359	80.48%	5.518%
58	17.604	2481	2485	2488	rVB3	3982	4846	0.11%	0.008%
59	17.680	2493	2498	2503	rVB	519852	643110	15.13%	1.037%
60	17.909	2533	2537	2542	rBV4	28236	41784	0.98%	0.067%
61	17.998	2547	2552	2555	rVB4	5878	9775	0.23%	0.016%
62	18.168	2575	2581	2587	rBV7	11174	20760	0.49%	0.033%
63	18.262	2592	2597	2604	rVV3	27704	46179	1.09%	0.074%
64	18.627	2654	2659	2663	rBV	289871	327013	7.69%	0.527%
65	18.674	2663	2667	2674	rVB	644361	747376	17.58%	1.205%
66	19.062	2727	2733	2740	rBV	23153	36375	0.86%	0.059%
67	19.203	2752	2757	2762	rBV3	38008	61727	1.45%	0.100%
68	19.315	2772	2776	2779	rBV	20932	24516	0.58%	0.040%
69	19.427	2788	2795	2801	rBV	3160120	4190916	98.58%	6.759%
70	19.486	2801	2805	2812	rVB2	66465	114500	2.69%	0.185%
71	19.762	2847	2852	2855	rBV	1661772	1759004	41.38%	2.837%

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Title : SVOA CALIBRATION

72	19.797	2855	2858	2863	rVB	3362213	3631332	85.42%	5.857%
73	20.497	2974	2977	2980	rBV	20737	24035	0.57%	0.039%
74	20.574	2987	2990	2994	rBV5	11096	15998	0.38%	0.026%
75	20.739	3014	3018	3021	rBV	842103	881471	20.73%	1.422%
76	20.774	3021	3024	3031	rVB	1775927	1793793	42.19%	2.893%
77	21.221	3095	3100	3113	rBV2	1660497	2277599	53.57%	3.673%
78	21.356	3120	3123	3127	rBV3	53146	67628	1.59%	0.109%
79	21.397	3127	3130	3133	rVV2	34374	36859	0.87%	0.059%
80	21.603	3161	3165	3168	rBV	467362	548144	12.89%	0.884%
81	21.639	3168	3171	3178	rVB	1106665	1110877	26.13%	1.792%
82	22.209	3264	3268	3271	rBV	184305	226882	5.34%	0.366%
83	22.297	3281	3283	3288	rVB2	69643	77123	1.81%	0.124%
84	22.521	3316	3321	3323	rBV	395034	508414	11.96%	0.820%
85	22.556	3323	3327	3336	rVB	844927	1114846	26.22%	1.798%
86	22.733	3355	3357	3362	rVB	84363	105787	2.49%	0.171%
87	23.297	3446	3453	3465	rBV2	2311658	4251297	100.00%	6.856%
88	23.438	3470	3477	3491	rVB	1240737	2283184	53.71%	3.682%

Sum of corrected areas: 62004714

LSC Report - Integrated Chromatogram

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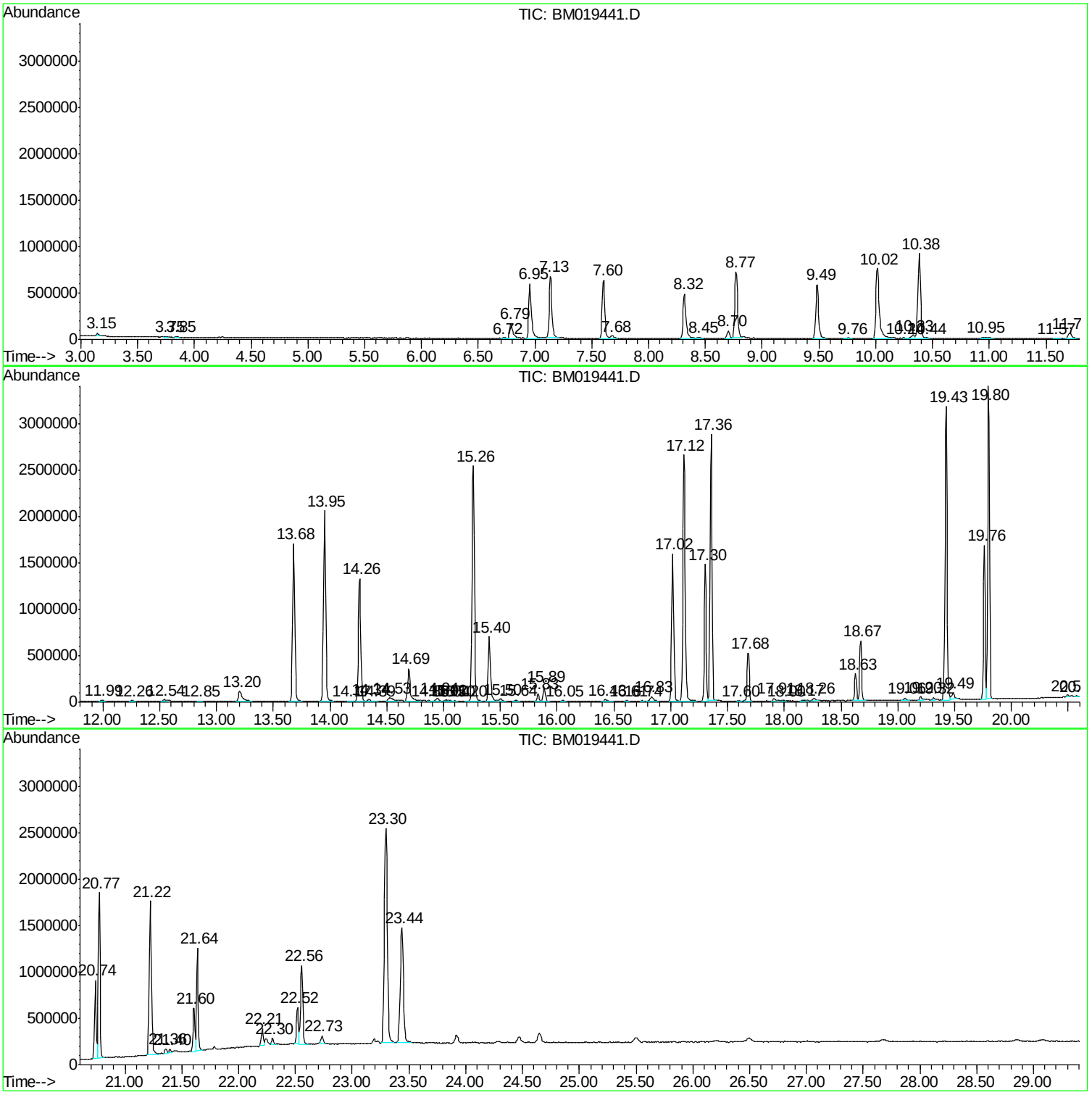
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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\BM032519\
Data File : BM019441.D
Acq On : 25 Mar 2019 21:03
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Instrument : BNA_M
ClientSampleId : BF5R3

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

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

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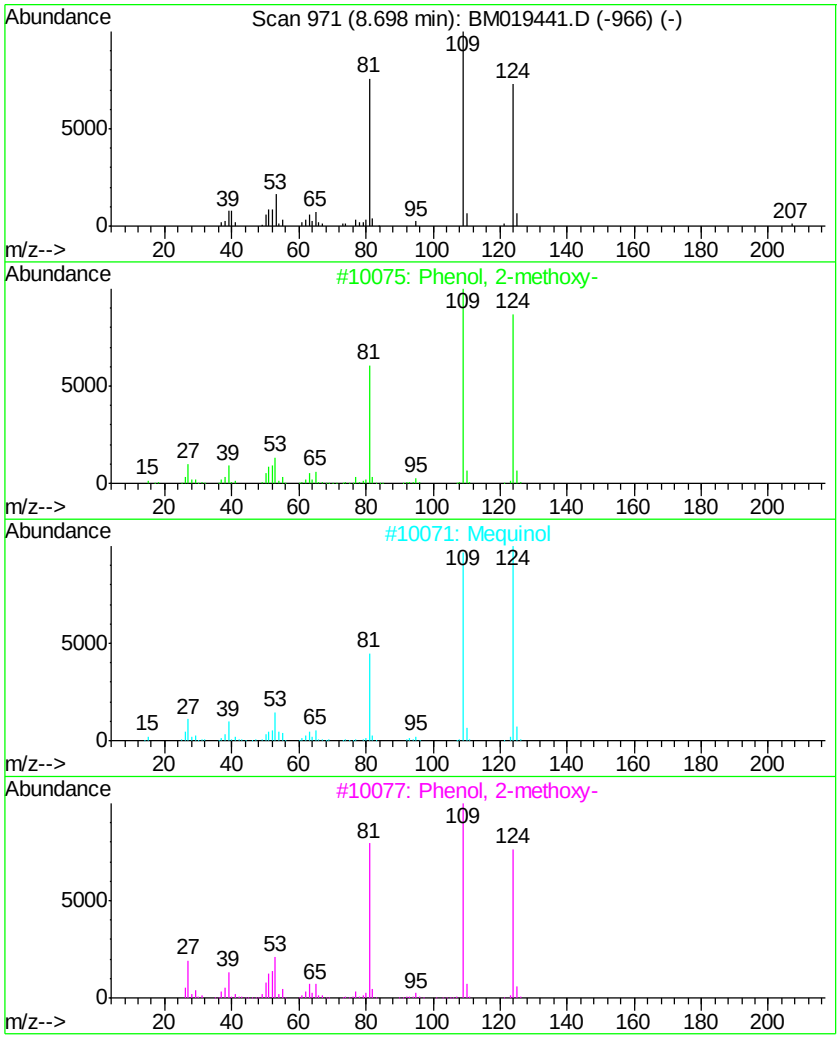
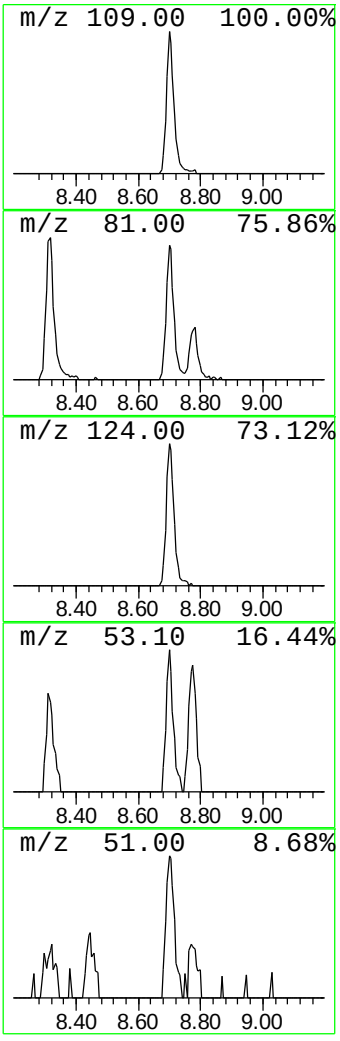
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.73 ng/ul	139617	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
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	70
5	Mequinol	124	C7H8O2	000150-76-5	70





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Misc :
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Instrument : BNA_M
ClientSampleId : BF5R3

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

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

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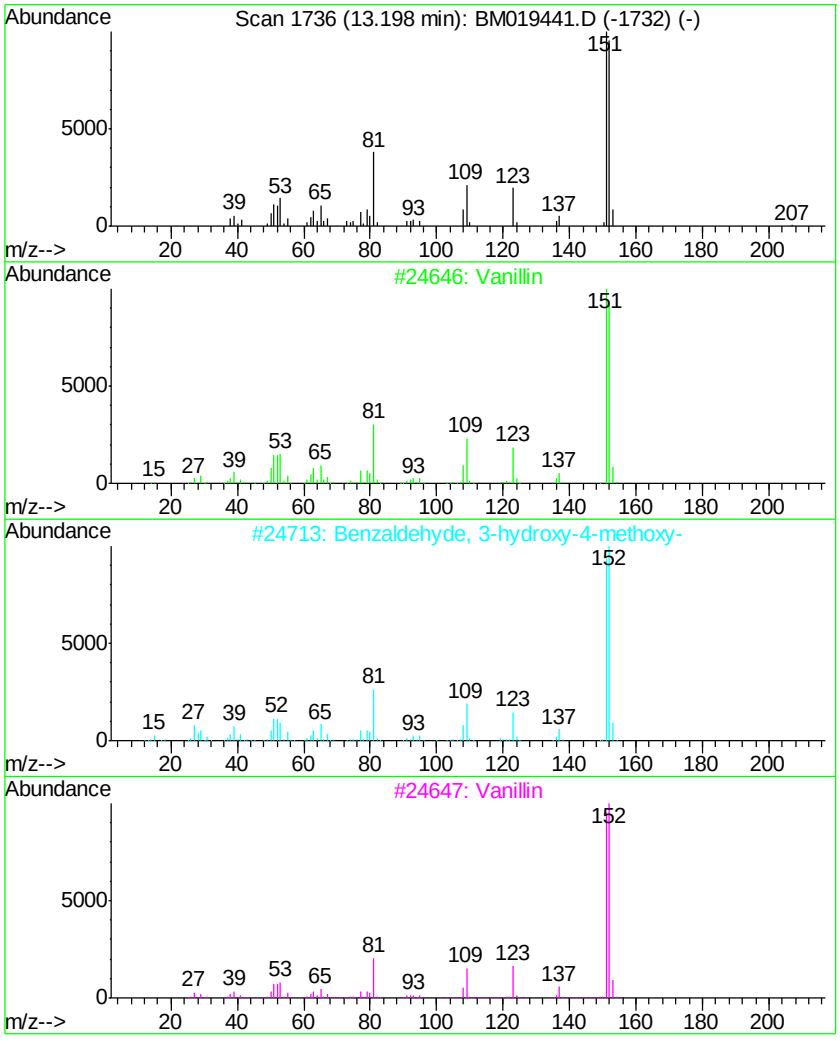
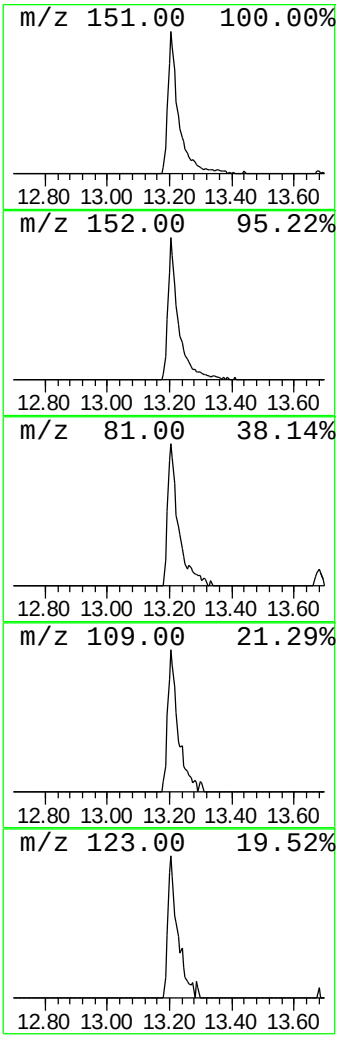
Peak Number 2 Vanillin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.40 ng/ul	245056	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	93





Library Search Compound Report

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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
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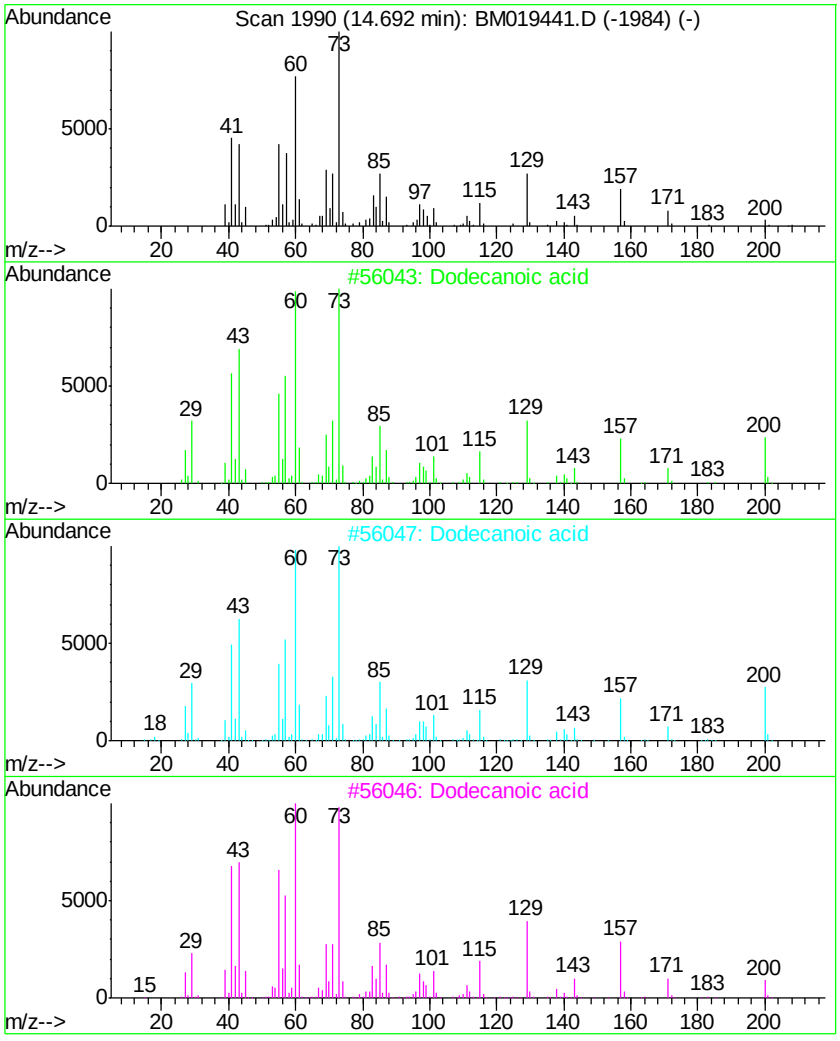
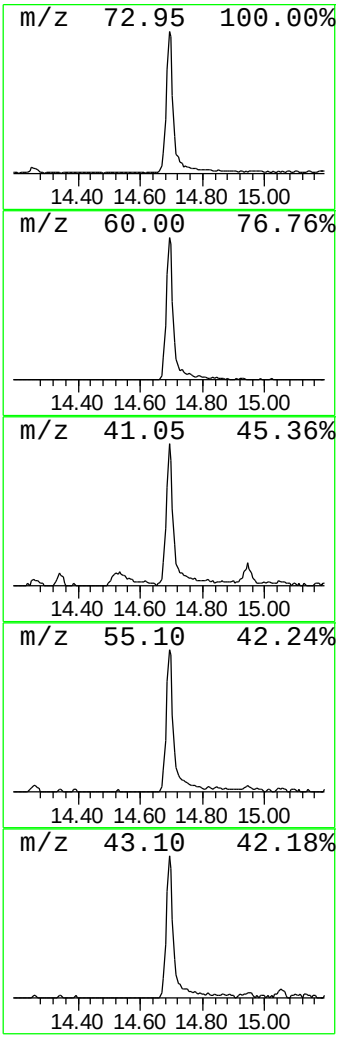
Peak Number 3 Dodecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	5.69 ng/ul	580771	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	90
2	Dodecanoic acid	200	C12H24O2	000143-07-7	87
3	Dodecanoic acid	200	C12H24O2	000143-07-7	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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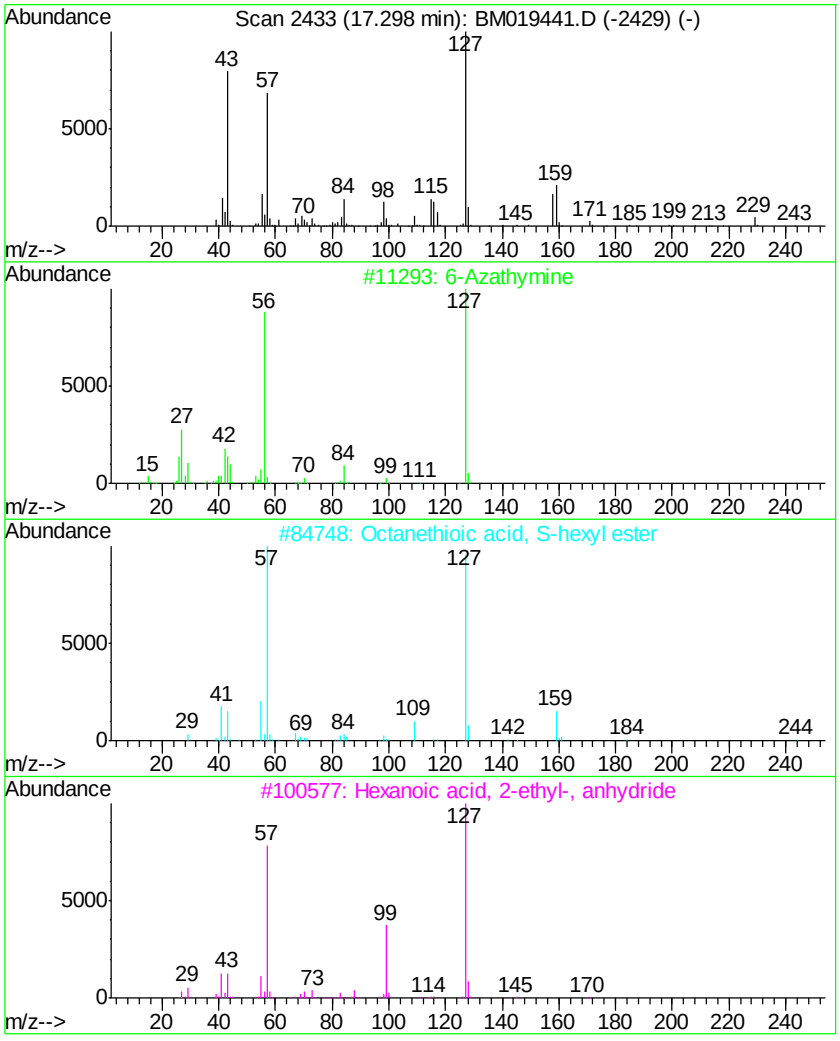
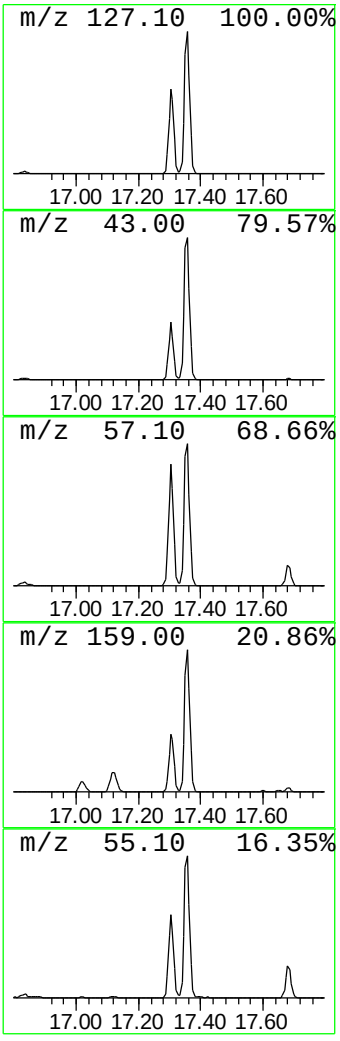
Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	15.45 ng/ul	1683800	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Azathymine	127	C4H5N3O2	000932-53-6	43
2	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	40
3	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	38
4	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	38
5	Octanoic acid, cyclobutyl ester	198	C12H22O2	1000282-86-6	37





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Instrument : BNA_M
ClientSampleId : BF5R3

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

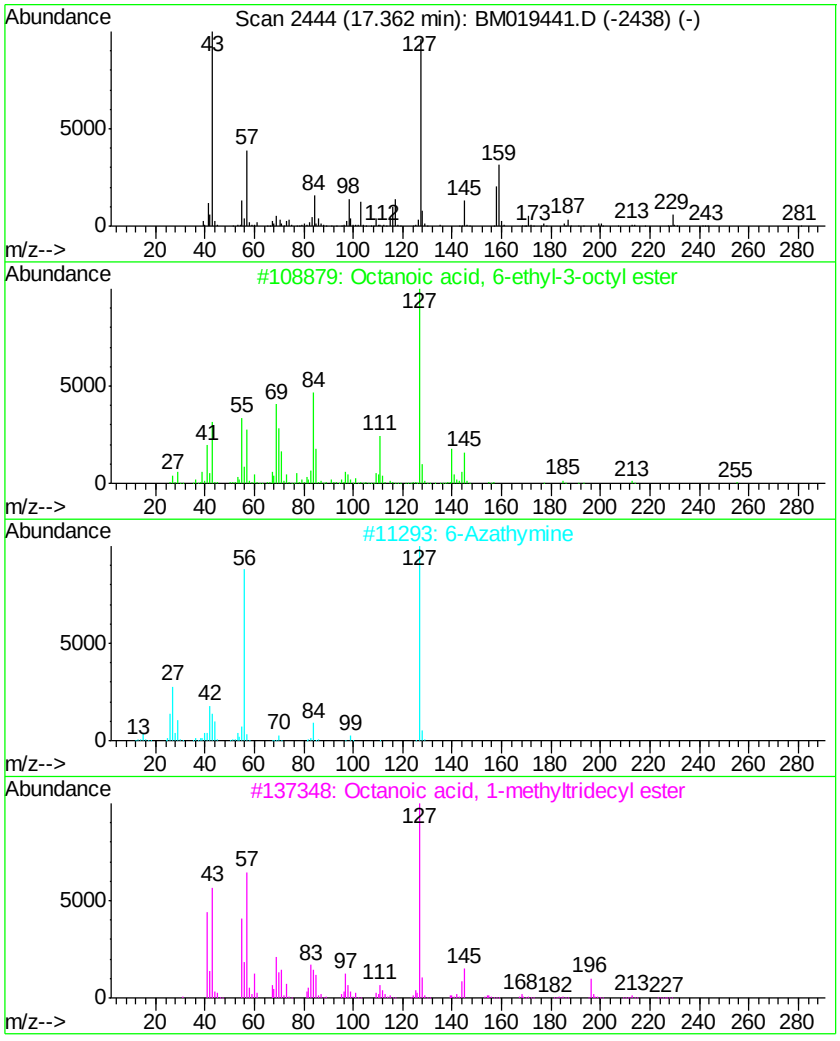
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

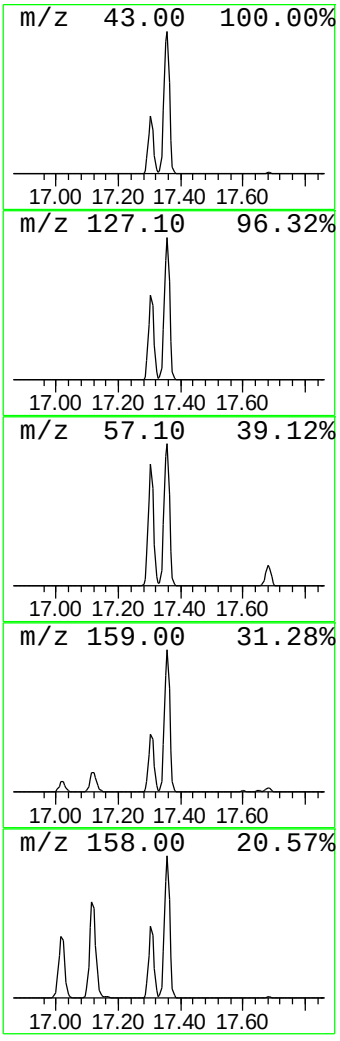
****

Peak Number 5 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	31.40 ng/ul	3421360	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 6-ethyl-3-octyl e...	284	C18H36O2	1000282-67-8	43
2	6-Azathymine	127	C4H5N3O2	000932-53-6	38
3	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	37
4	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	32
5	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	32





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ClientSampleId : BF5R3

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Quant Title : SVOA CALIBRATION

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

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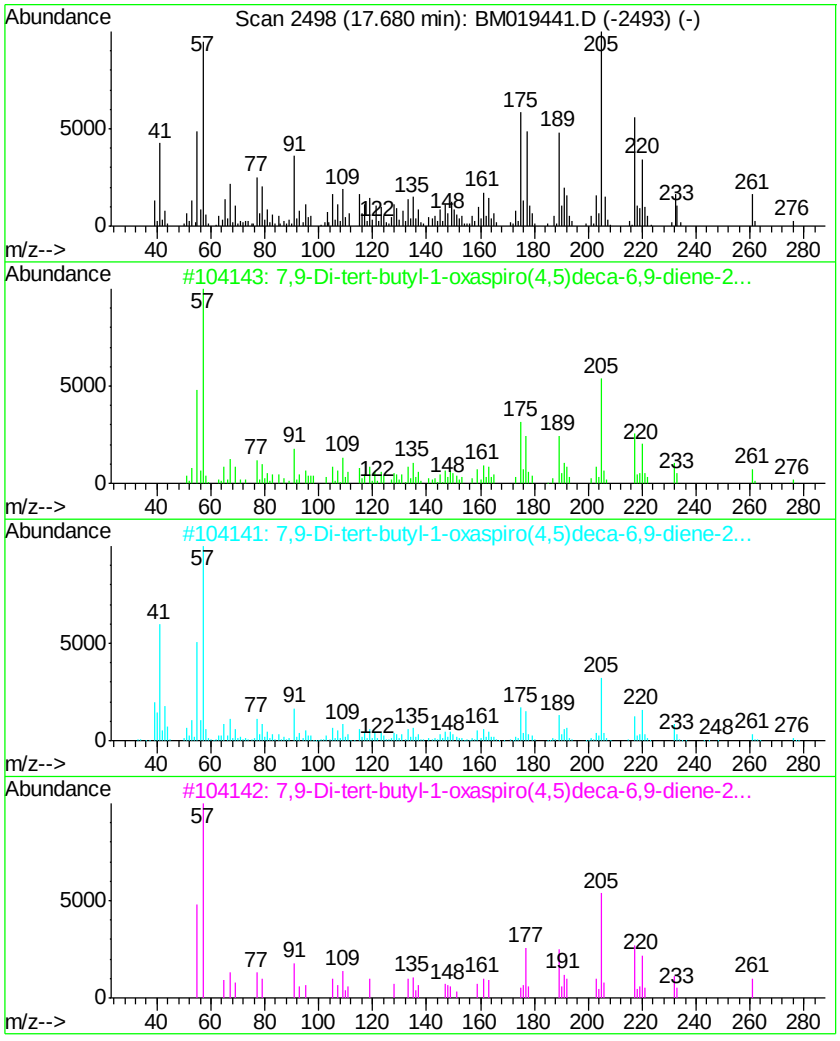
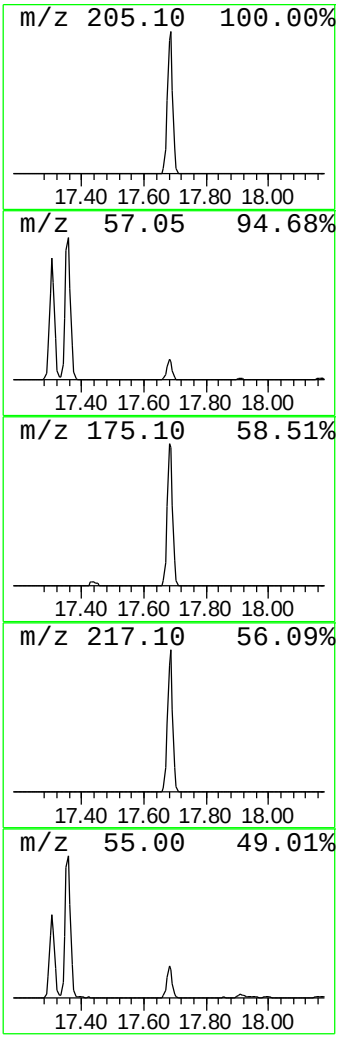
Peak Number 6 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	5.90 ng/ul	643110	Phenanthrene-d10	17.02

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	96
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	86
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45





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Data File : BM019441.D
Acq On : 25 Mar 2019 21:03
Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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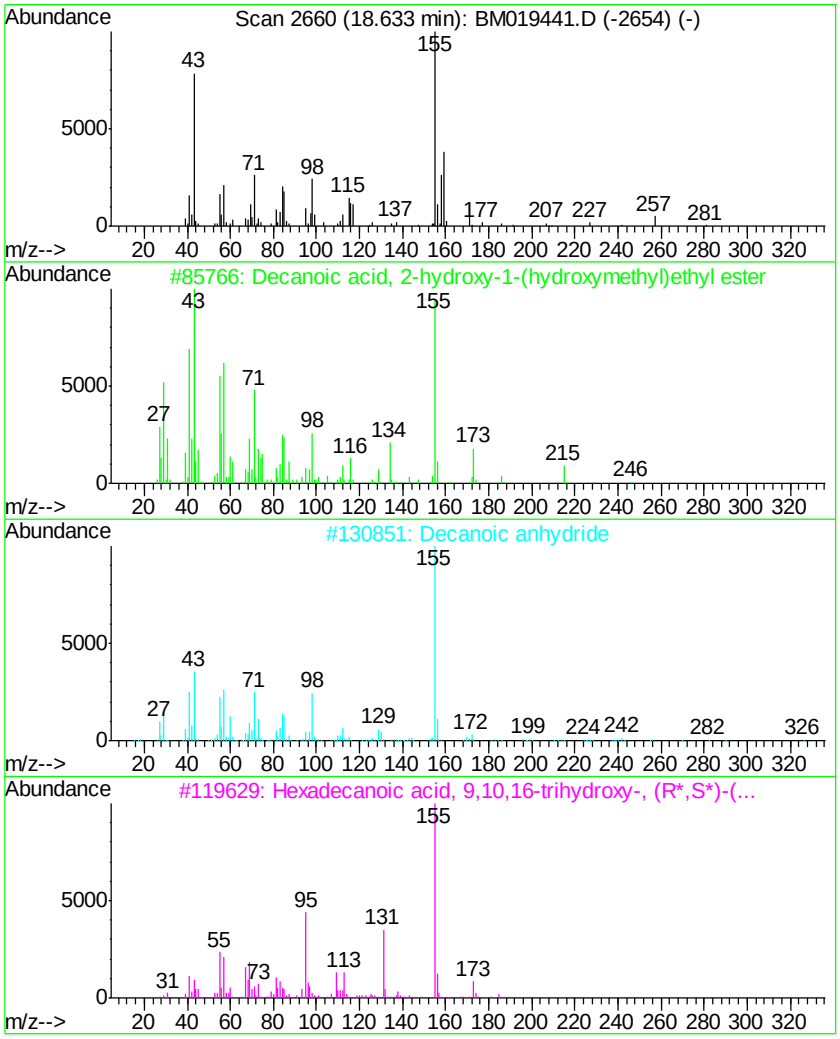
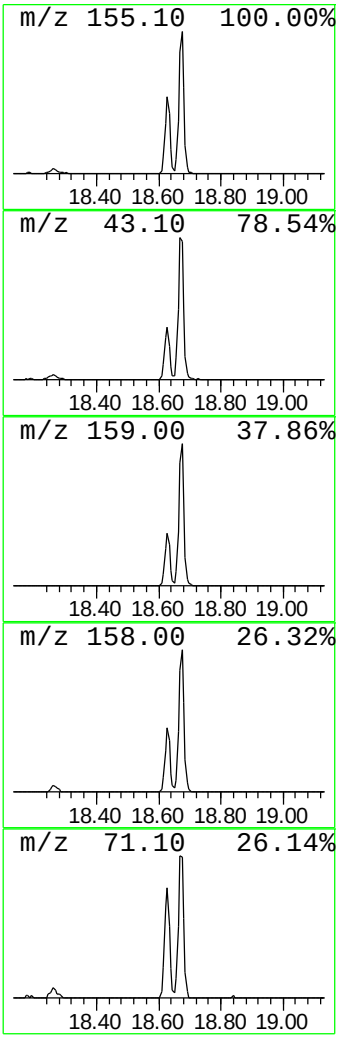
Peak Number 7 Decanoic acid, 2-hydroxy-1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.00 ng/ul	327013	Phenanthrene-d10	17.02

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	27
4	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	22
5	10-Nonadecanone	282	C19H38O	000504-57-4	17





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Acq On : 25 Mar 2019 21:03
Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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

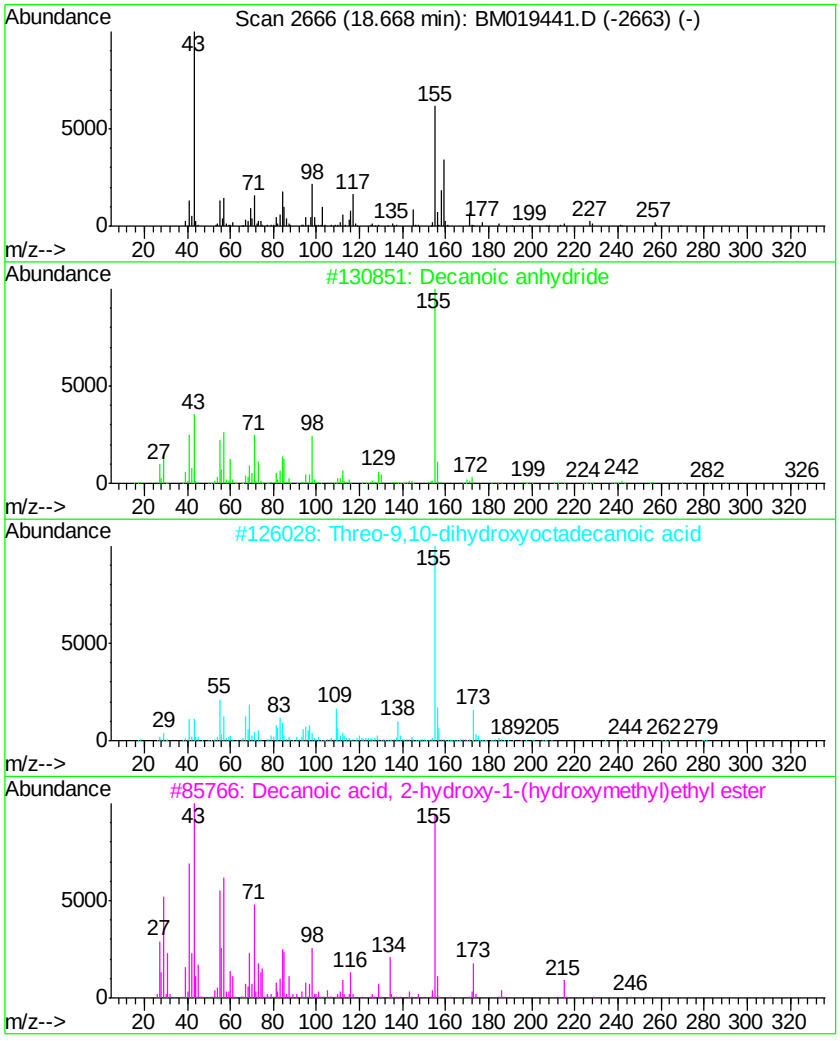
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

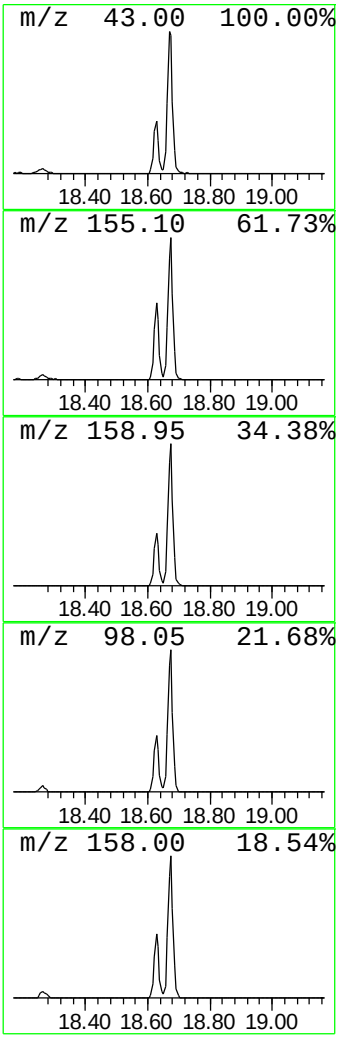
****

Peak Number 8 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	6.86 ng/ul	747376	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	32
2	Threo-9,10-dihydroxyoctadecanoic...	316	C18H36O4	002391-05-1	27
3	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	25
4	9-Hydroxypentadecanoic acid, met...	272	C16H32O3	067401-19-8	23
5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	17





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Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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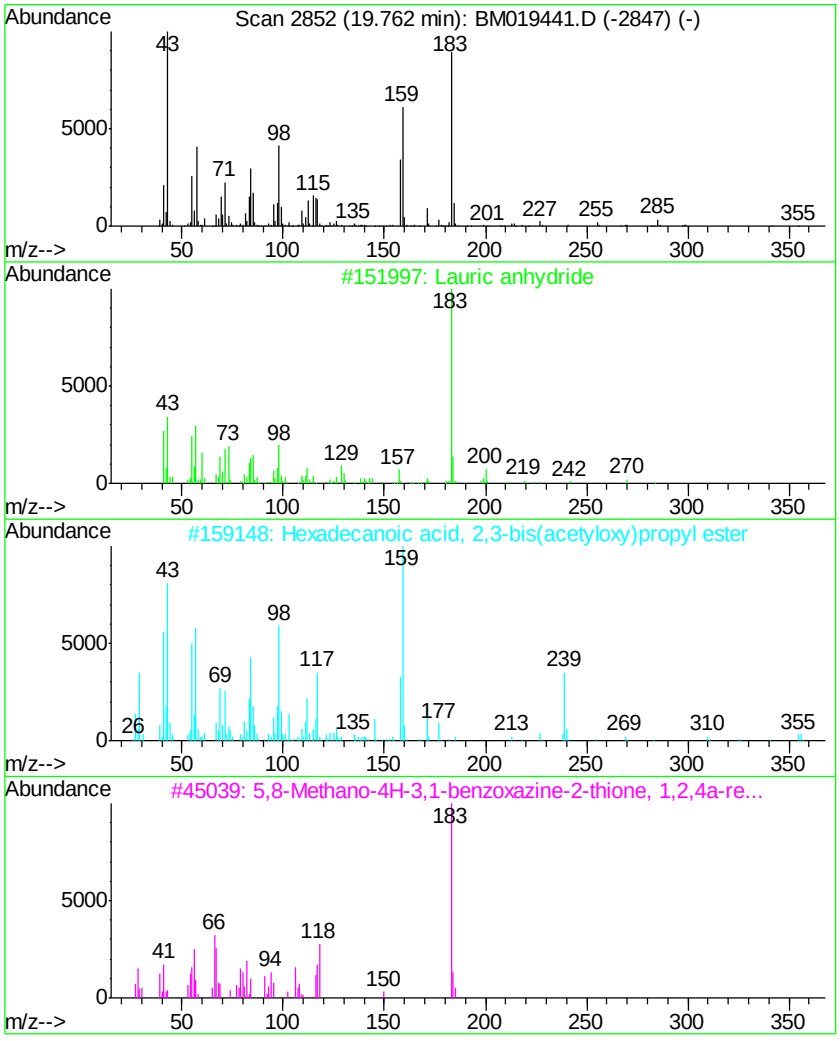
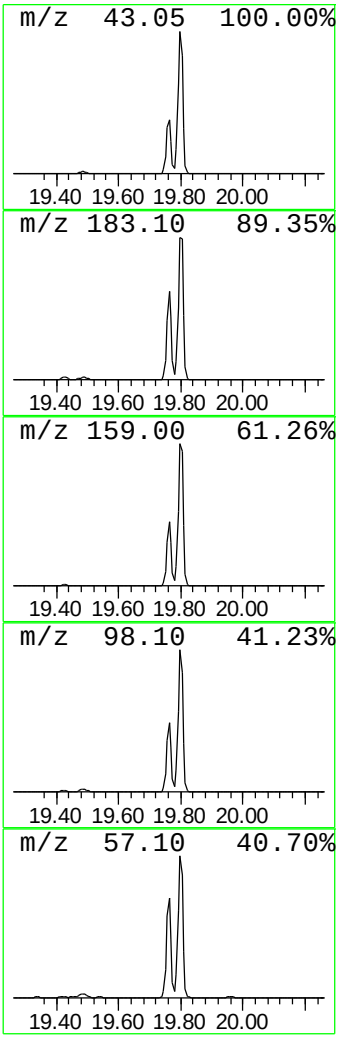
Peak Number 9 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	15.45 ng/ul	1759000	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	35
2	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	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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Acq On : 25 Mar 2019 21:03
Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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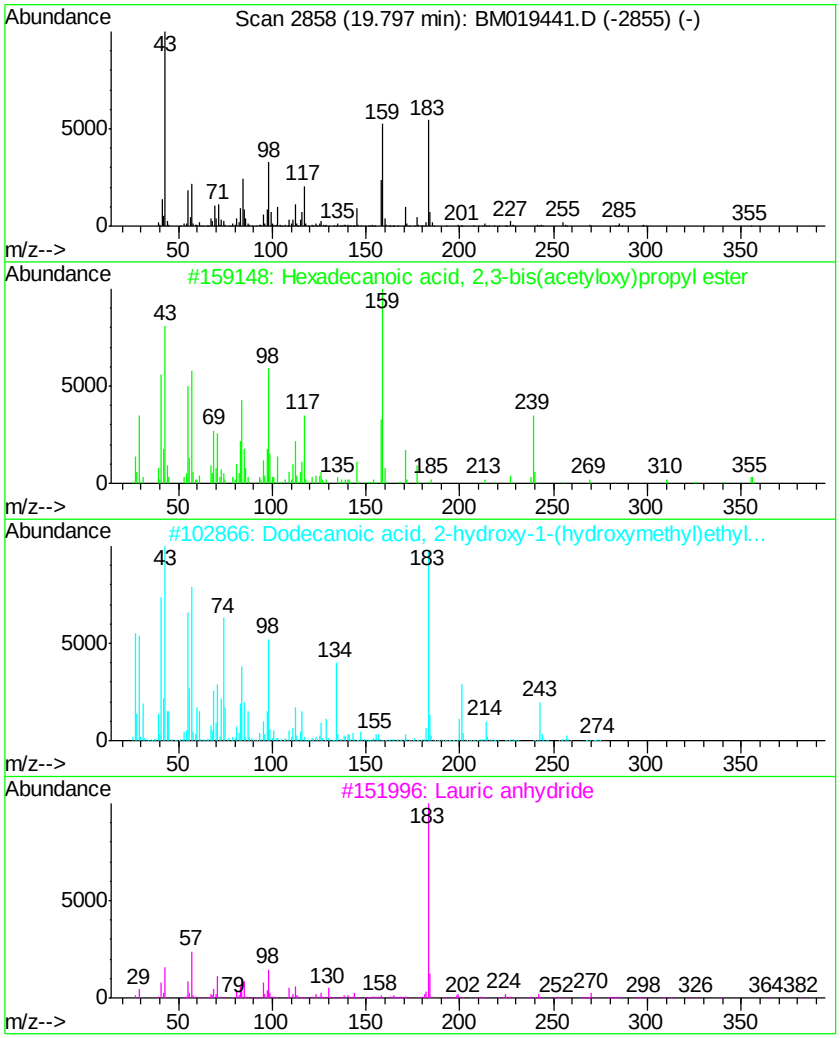
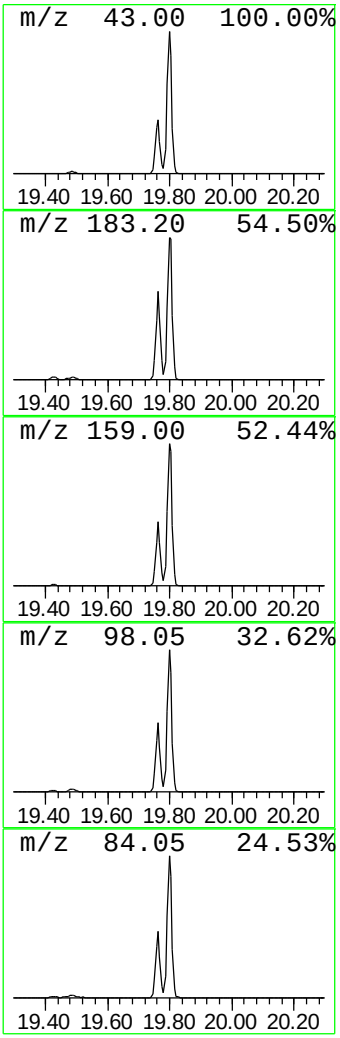
Peak Number 10 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	31.89 ng/ul	3631330	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	46
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
3	Lauric anhydride	382	C24H46O3	000645-66-9	25
4	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	16
5	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	14





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Acq On : 25 Mar 2019 21:03
Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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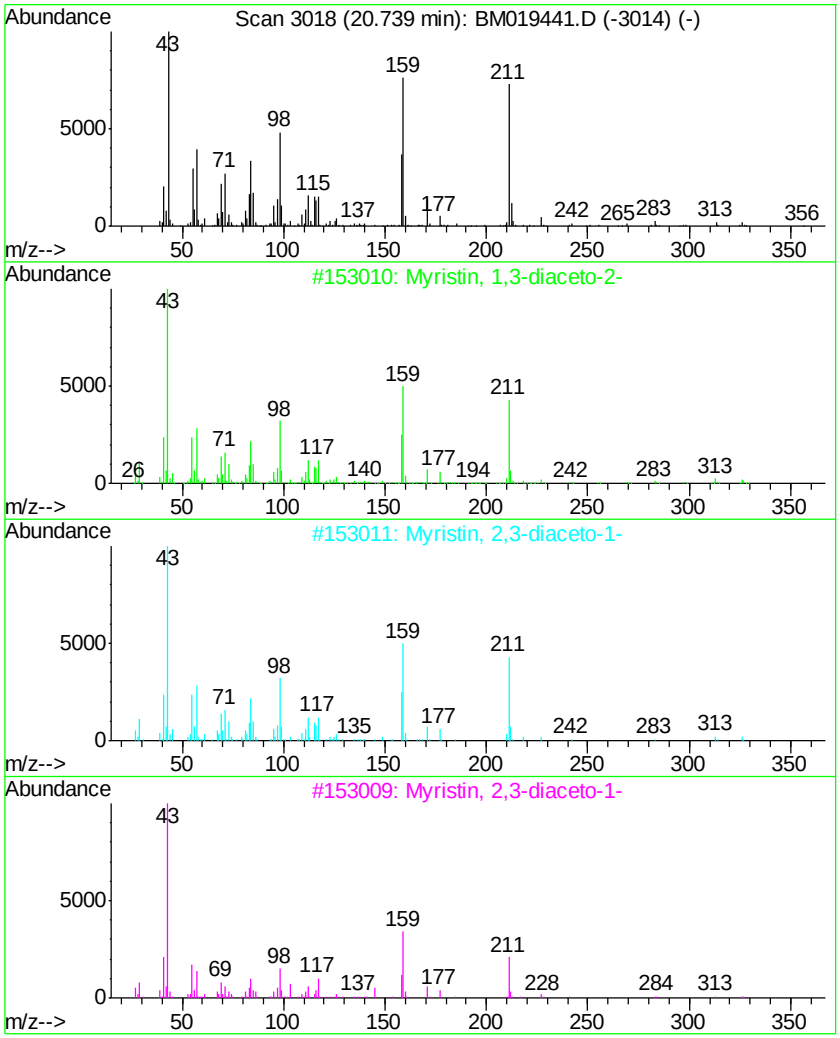
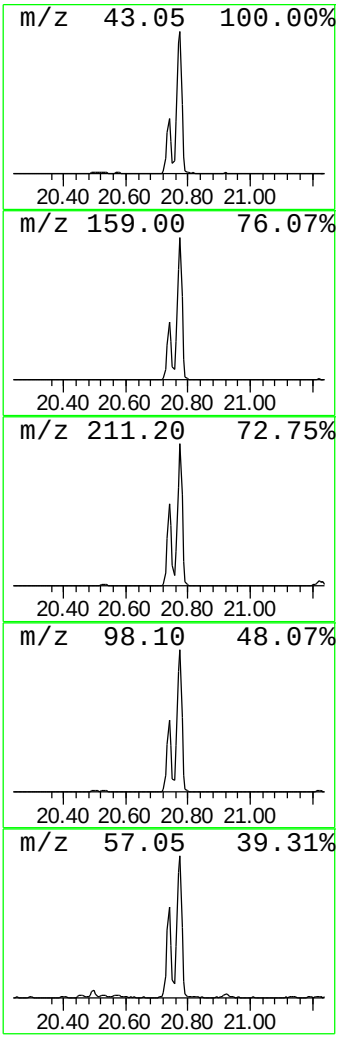
Peak Number 11 Myristin, 1,3-diaceto-2- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	7.74 ng/ul	881471	Chrysene-d12	21.22

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	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	56
4	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	45
5	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019441.D
Acq On : 25 Mar 2019 21:03
Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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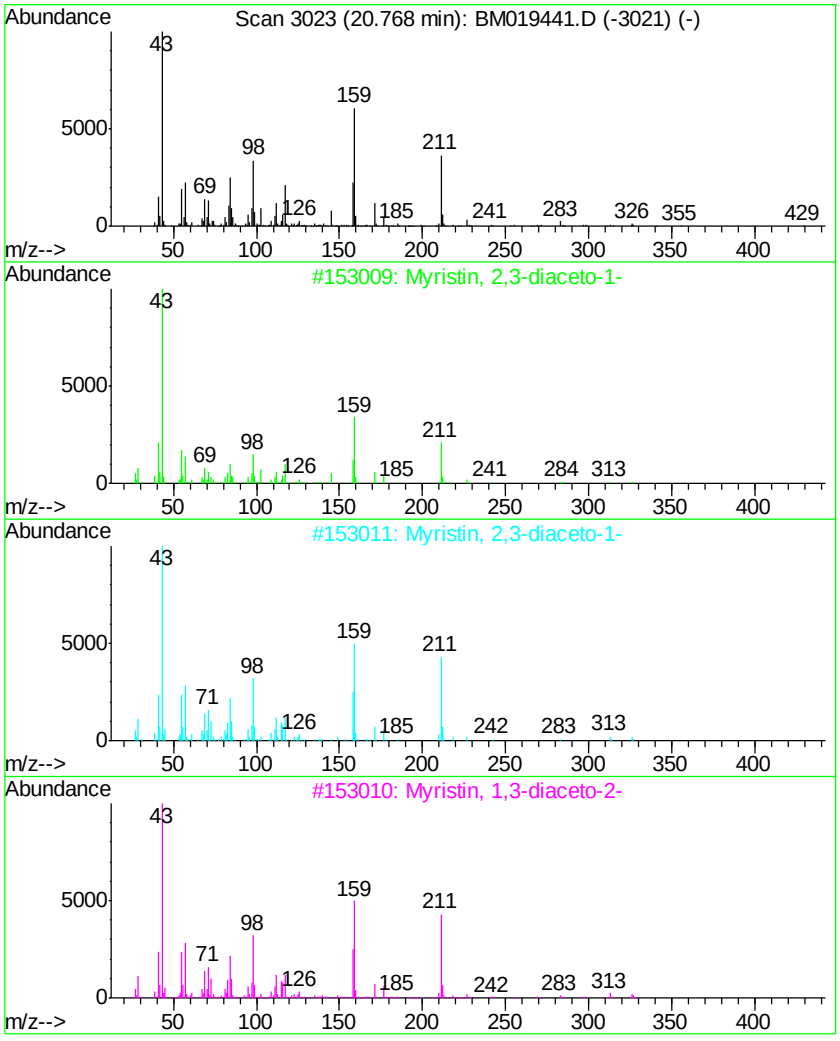
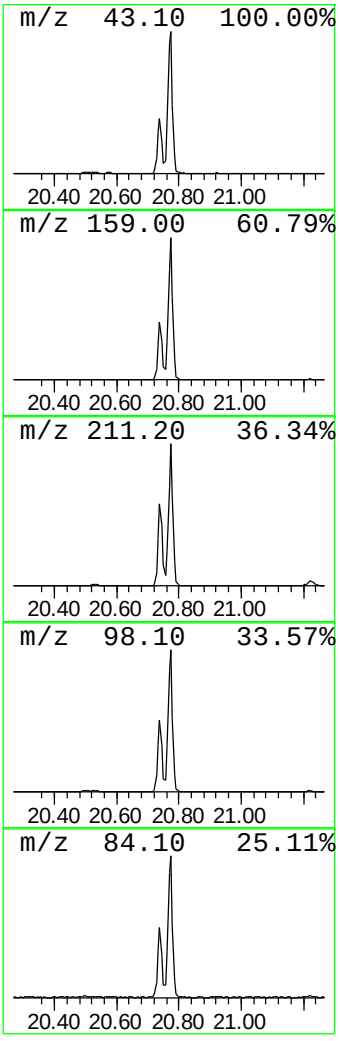
Peak Number 12 Myristin, 2,3-diaceto-1- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	15.75 ng/ul	1793790	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	91
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	78
3	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	62
4	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	53
5	2,3,4-Trifluorobenzoic acid, 3-t...	358	C20H29F3O2	1000280-61-8	27





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Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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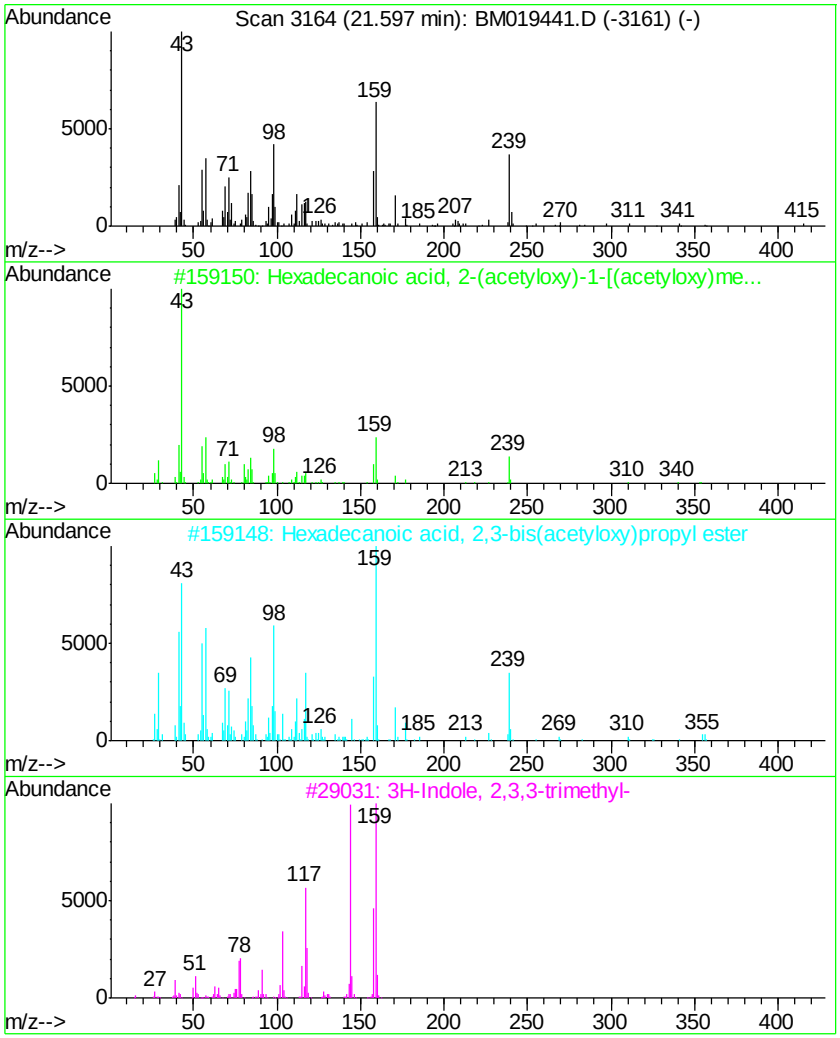
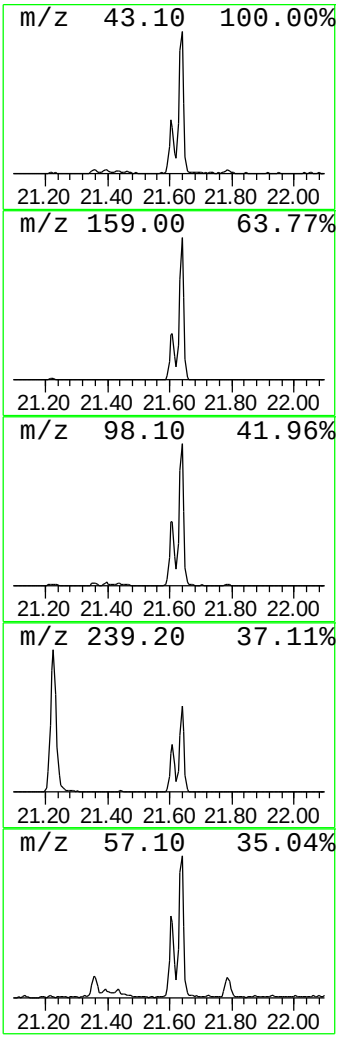
Peak Number 13 Hexadecanoic acid, 2-(acety... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	4.81 ng/ul	548144	Chrysene-d12	21.22

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(acetyl...	414	C23H42O6	055268-70-7	87
3	3H-Indole, 2,3,3-trimethyl-	159	C11H13N	001640-39-7	27
4	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	27
5	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	27





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Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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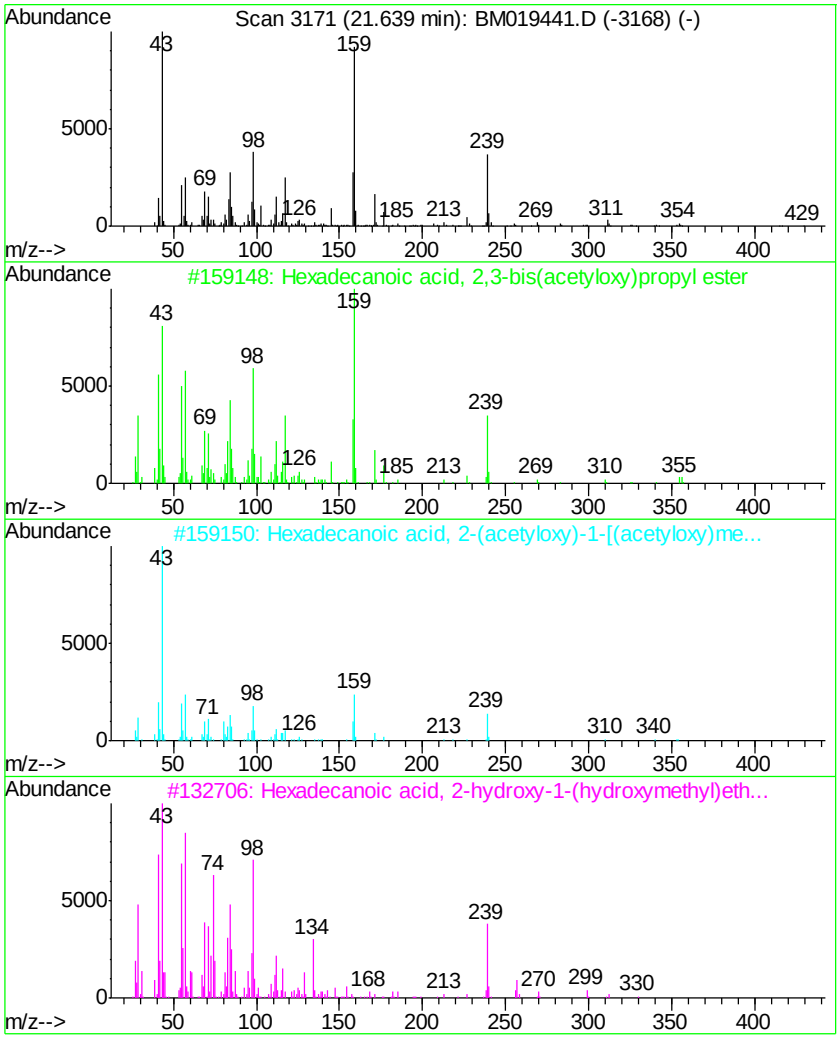
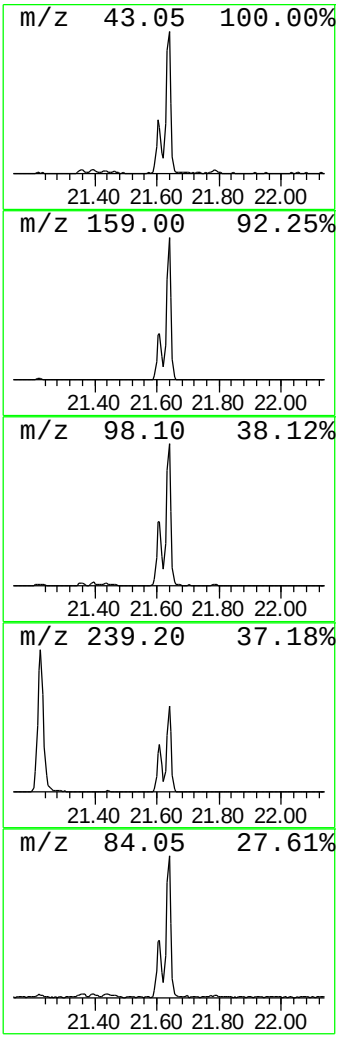
Peak Number 14 Hexadecanoic acid, 2,3-bis(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	9.75 ng/ul	1110880	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	62
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	27
3	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	22
4	2,3,4-Trifluorobenzoic acid, 4-t...	372	C21H31F3O2	1000280-62-0	16
5	1,3-Dioxolane-2,2-diacetic acid,...	246	C11H18O6	071022-90-7	16





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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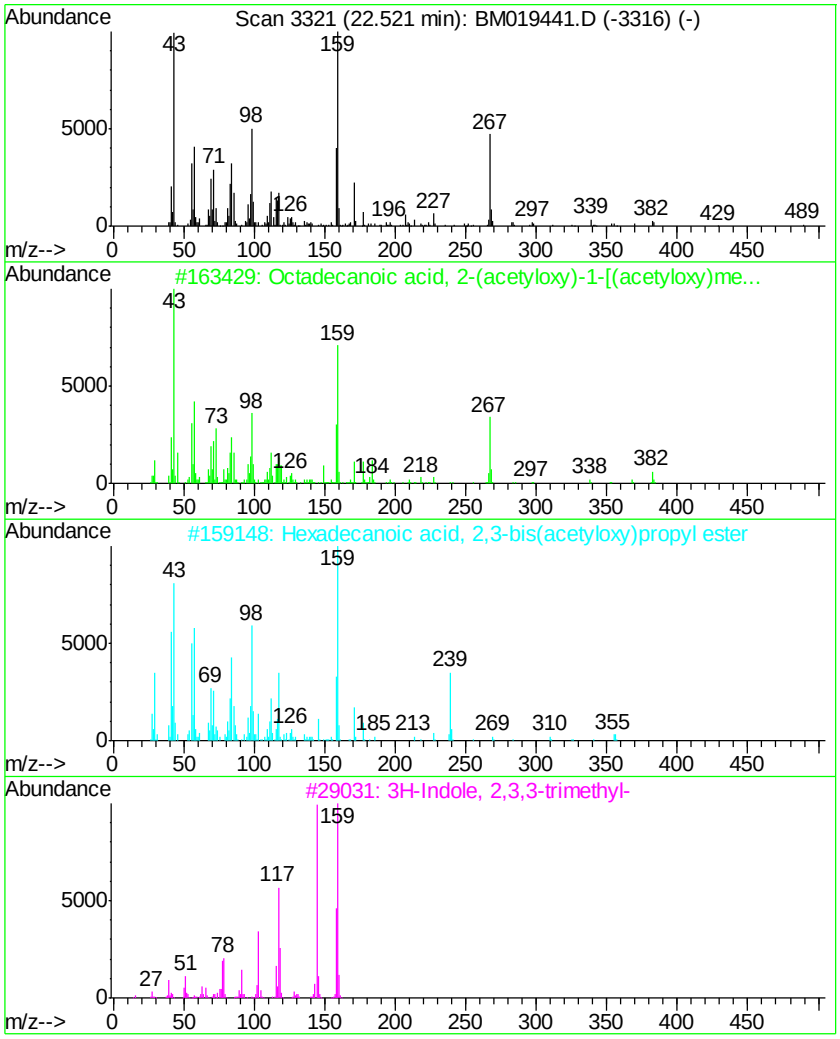
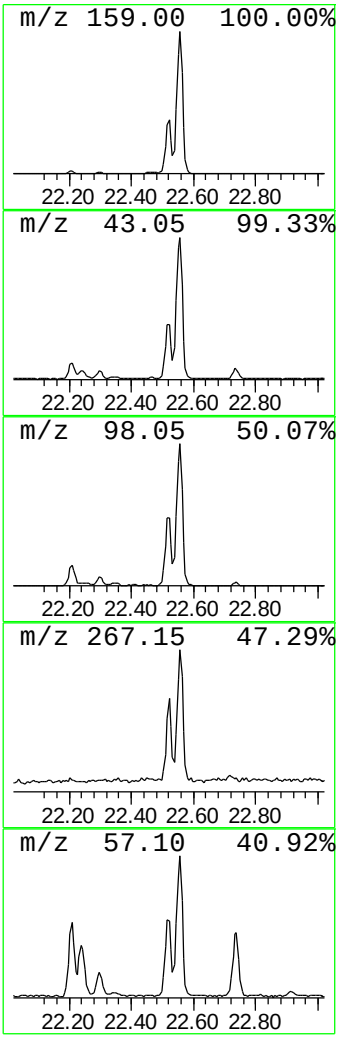
Peak Number 15 Octadecanoic acid, 2-(acety... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	4.45 ng/ul	508414	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(acetyloxy)...	442	C25H46O6	055401-62-2	90
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	53
3	3H-Indole, 2,3,3-trimethyl-	159	C11H13N	001640-39-7	25
4	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	22
5	1,3,5-Cycloheptatriene, 7,7-bis(...	228	C9H6F6	000714-82-9	22





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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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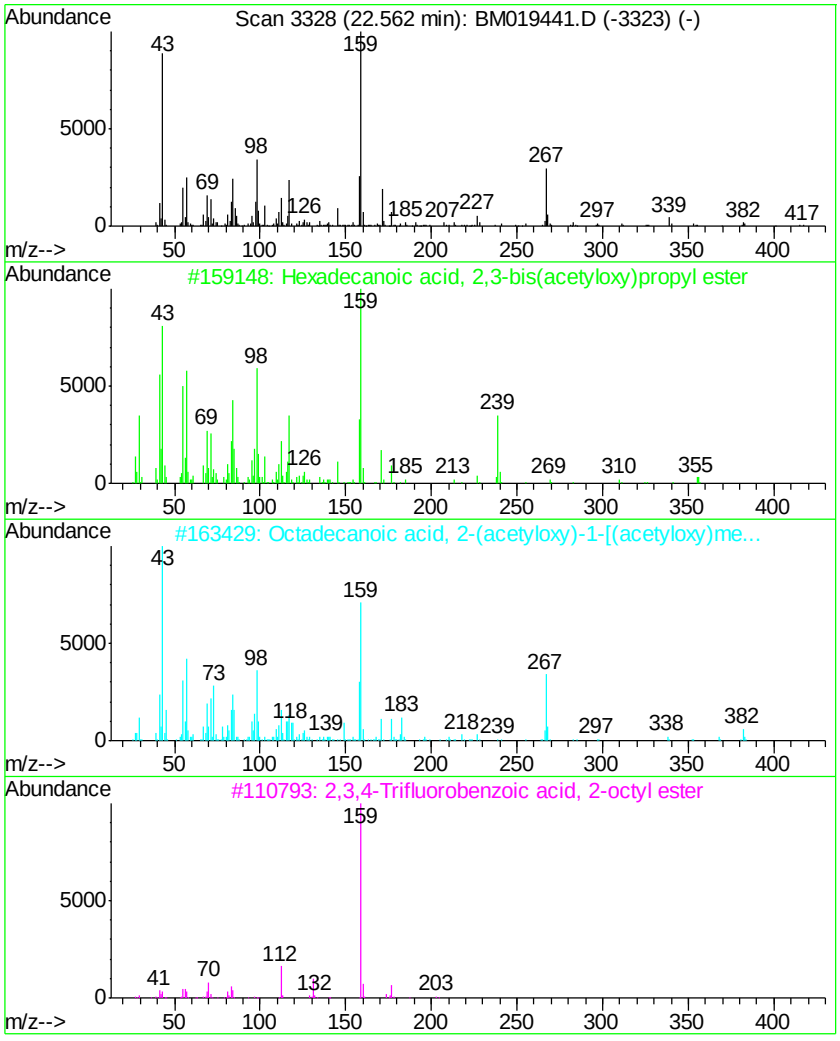
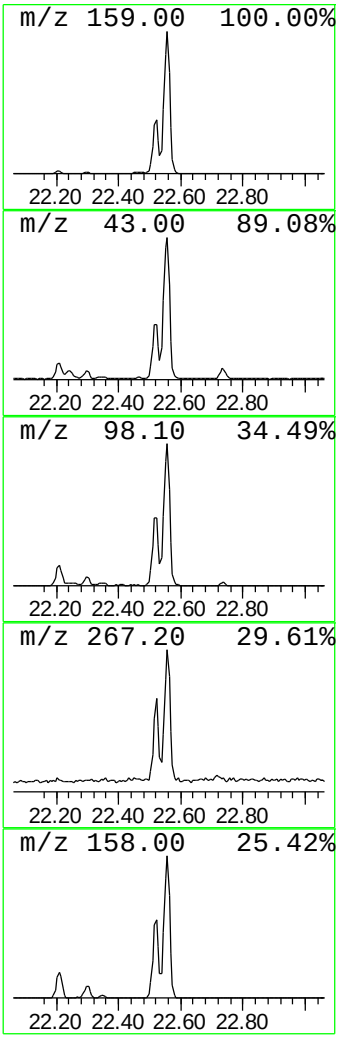
Peak Number 16 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	9.77 ng/ul	1114850	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetyloxy)propyl ester	414	C23H42O6	055268-70-7	58
2	Octadecanoic acid, 2-(acetyloxy)-1-[(acetyloxy)me...	442	C25H46O6	055401-62-2	35
3	2,3,4-Trifluorobenzoic acid, 2-octyl ester	288	C15H19F3O2	1000282-58-1	35
4	2,6-Difluorobenzoic acid, octade...	410	C25H40F2O2	1000292-39-7	27
5	1,3-Dioxolane-2,2-diacetic acid,...	246	C11H18O6	071022-90-7	25





Tentatively Identified Compound (LSC) summary

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Acq On : 25 Mar 2019 21:03
Operator : JU/SJ
Sample : K2065-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5R3

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-	8.70	2.7	ng/ul	139617	1	7.60	1023850	20.0
Vanillin	13.20	2.4	ng/ul	245056	3	14.26	2042020	20.0
Dodecanoic acid	14.69	5.7	ng/ul	580771	3	14.26	2042020	20.0
unknown-01	17.30	15.4	ng/ul	1683800	4	17.02	2179480	20.0
unknown-02	17.36	31.4	ng/ul	3421360	4	17.02	2179480	20.0
7,9-Di-tert-butyl...	17.68	5.9	ng/ul	643110	4	17.02	2179480	20.0
Decanoic acid, 2-...	18.63	3.0	ng/ul	327013	4	17.02	2179480	20.0
unknown-03	18.67	6.9	ng/ul	747376	4	17.02	2179480	20.0
unknown-04	19.76	15.4	ng/ul	1759000	5	21.22	2277600	20.0
unknown-05	19.80	31.9	ng/ul	3631330	5	21.22	2277600	20.0
Myristin, 1,3-dia...	20.74	7.7	ng/ul	881471	5	21.22	2277600	20.0
Myristin, 2,3-dia...	20.77	15.8	ng/ul	1793790	5	21.22	2277600	20.0
Hexadecanoic acid...	21.60	4.8	ng/ul	548144	5	21.22	2277600	20.0
Hexadecanoic acid...	21.64	9.8	ng/ul	1110880	5	21.22	2277600	20.0
Octadecanoic acid...	22.52	4.5	ng/ul	508414	6	23.44	2283180	20.0
unknown-06	22.56	9.8	ng/ul	1114850	6	23.44	2283180	20.0