LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019762.D
Acq On : 05 Apr 2019 22:58
Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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	19	23	37	rVB2	25605	56091	0.78%	0.065%
2	6.751	635	640	654	rBV	162191	339322	4.72%	0.392%
3	6.916	662	668	684	rBV	574555	1042667	14.50%	1.205%
4	7.093	692	698	713	rBV	715545	1198052	16.66%	1.384%
5	7.557	769	777	791	rBV	615532	1022670	14.22%	1.182%
6	8.275	893	899	919	rBV	564587	1030597	14.33%	1.191%
7	8.657	959	964	970	rBV3	5350	9850	0.14%	0.011%
8	8.728	970	976	990	rBV	795606	1392331	19.36%	1.609%
9	9.440	1091	1097	1118	rBV	699162	1222483	17.00%	1.412%
10	9.728	1139	1146	1147	rBV4	6441	10034	0.14%	0.012%
11	9.975	1181	1188	1211	rBV	845784	1838994	25.57%	2.125%
12	10.339	1243	1250	1263	rBV	981352	1616263	22.47%	1.867%
13	10.539	1280	1284	1288	rBV4	6310	9950	0.14%	0.011%
14	10.922	1339	1349	1353	rBV4	11151	37221	0.52%	0.043%
15	11.039	1364	1369	1380	rVB2	23122	54032	0.75%	0.062%
16	11.957	1519	1525	1533	rVB	9819	19353	0.27%	0.022%
17	12.498	1611	1617	1629	rBV2	34587	85074	1.18%	0.098%
18	13.645	1805	1812	1824	rBV	1857357	2735406	38.03%	3.161%
19	13.916	1851	1858	1868	rBV	2262158	3395350	47.21%	3.923%
20	14.222	1903	1910	1920	rBV2	1547342	2213855	30.78%	2.558%
21	14.304	1920	1924	1928	rVB	28095	33059	0.46%	0.038%
22	14.504	1951	1958	1973	rBV3	58952	214746	2.99%	0.248%
23	14.663	1978	1985	2011	rVV	789913	1220457	16.97%	1.410%
24	14.910	2022	2027	2035	rVB3	107252	174793	2.43%	0.202%
25	15.063	2048	2053	2056	rVB3	14617	24554	0.34%	0.028%
26	15.221	2074	2080	2096	rBV	2964481	4262947	59.27%	4.926%
27	15.374	2100	2106	2118	rVV	814410	1180199	16.41%	1.364%
28	15.463	2118	2121	2130	rVB2	35975	57714	0.80%	0.067%
29	15.604	2139	2145	2152	rVB	45052	64967	0.90%	0.075%
30	15.792	2173	2177	2182	rBV	78240	98770	1.37%	0.114%
31	15.851	2182	2187	2193	rVB	170500	215272	2.99%	0.249%
32	16.010	2209	2214	2218	rVB5	11681	15375	0.21%	0.018%
33	16.386	2273	2278	2287	rBV	74650	116052	1.61%	0.134%
34	16.568	2306	2309	2314	rVB	28362	36241	0.50%	0.042%

LSC Area Percent Report

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Sample : K2273-08
Misc :
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Instrument : BNA_M
ClientSampleId : BFC80

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	16.710	2329	2333	2337	rBV4	8954	15007	0.21%	0.017%
36	16.792	2340	2347	2354	rVV2	63284	105289	1.46%	0.122%
37	16.933	2367	2371	2374	rBV	14654	19330	0.27%	0.022%
38	16.980	2374	2379	2390	rVB2	1892226	2579423	35.87%	2.980%
39	17.080	2390	2396	2407	rBV	3198336	4607586	64.07%	5.324%
40	17.268	2423	2428	2432	rBV	1683228	1895776	26.36%	2.190%
41	17.321	2432	2437	2446	rVB	3431959	3843885	53.45%	4.441%
42	17.457	2457	2460	2461	rBV2	8208	9582	0.13%	0.011%
43	17.651	2487	2493	2498	rBV	2009106	2509863	34.90%	2.900%
44	17.874	2526	2531	2537	rBV2	81271	134472	1.87%	0.155%
45	17.957	2541	2545	2547	rVV	9474	12554	0.17%	0.015%
46	17.974	2547	2548	2553	rVB5	9549	8824	0.12%	0.010%
47	18.098	2562	2569	2584	rBV	2590210	4169542	57.98%	4.818%
48	18.221	2586	2590	2602	rVB2	84523	187551	2.61%	0.217%
49	18.592	2648	2653	2657	rBV	512183	573551	7.98%	0.663%
50	18.639	2657	2661	2675	rVV	1002861	1229034	17.09%	1.420%
51	18.745	2675	2679	2684	rVB7	9980	16065	0.22%	0.019%
52	19.027	2723	2727	2733	rBV	34827	52605	0.73%	0.061%
53	19.168	2746	2751	2762	rBV2	182355	320271	4.45%	0.370%
54	19.286	2766	2771	2778	rVB2	75386	124534	1.73%	0.144%
55	19.392	2783	2789	2795	rBV	3810031	5058830	70.34%	5.845%
56	19.451	2795	2799	2806	rVB	193743	302922	4.21%	0.350%
57	19.727	2841	2846	2849	rBV	3309343	3491056	48.54%	4.034%
58	19.768	2849	2853	2857	rVB	7164276	7191850	100.00%	8.310%
59	20.180	2919	2923	2928	rBV	109978	124291	1.73%	0.144%
60	20.462	2968	2971	2973	rBV	58289	64275	0.89%	0.074%
61	20.492	2973	2976	2981	rVV	57477	77714	1.08%	0.090%
62	20.539	2982	2984	2991	rVB5	27289	31106	0.43%	0.036%
63	20.703	3008	3012	3015	rBV	1716112	1745131	24.27%	2.016%
64	20.739	3015	3018	3023	rVB	3551246	3499521	48.66%	4.043%
65	21.192	3090	3095	3108	rBV	1971395	2445068	34.00%	2.825%
66	21.321	3114	3117	3121	rBV	99478	106737	1.48%	0.123%
67	21.362	3121	3124	3127	rBV2	78477	87495	1.22%	0.101%
68	21.398	3128	3130	3133	rVV4	41959	44075	0.61%	0.051%
69	21.568	3155	3159	3162	rBV	876102	1008283	14.02%	1.165%
70	21.603	3162	3165	3171	rVB	1877082	1916967	26.65%	2.215%
71	21.745	3187	3189	3196	rVB2	75636	85246	1.19%	0.098%

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Misc :
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Instrument : BNA_M
ClientSampleId : BFC80

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	22.168	3257	3261	3264	rBV	329557	401895	5.59%	0.464%
73	22.256	3273	3276	3280	rVB3	110686	125998	1.75%	0.146%
74	22.474	3309	3313	3316	rBV	661388	861888	11.98%	0.996%
75	22.509	3316	3319	3328	rVB	1270620	1711348	23.80%	1.977%
76	22.692	3346	3350	3356	rVB	149024	220991	3.07%	0.255%
77	23.250	3438	3445	3460	rVB	2223801	4139599	57.56%	4.783%
78	23.392	3463	3469	3480	rVB	1089730	2122244	29.51%	2.452%
79	23.856	3545	3548	3556	rVB	132538	224298	3.12%	0.259%

Sum of corrected areas: 86548313

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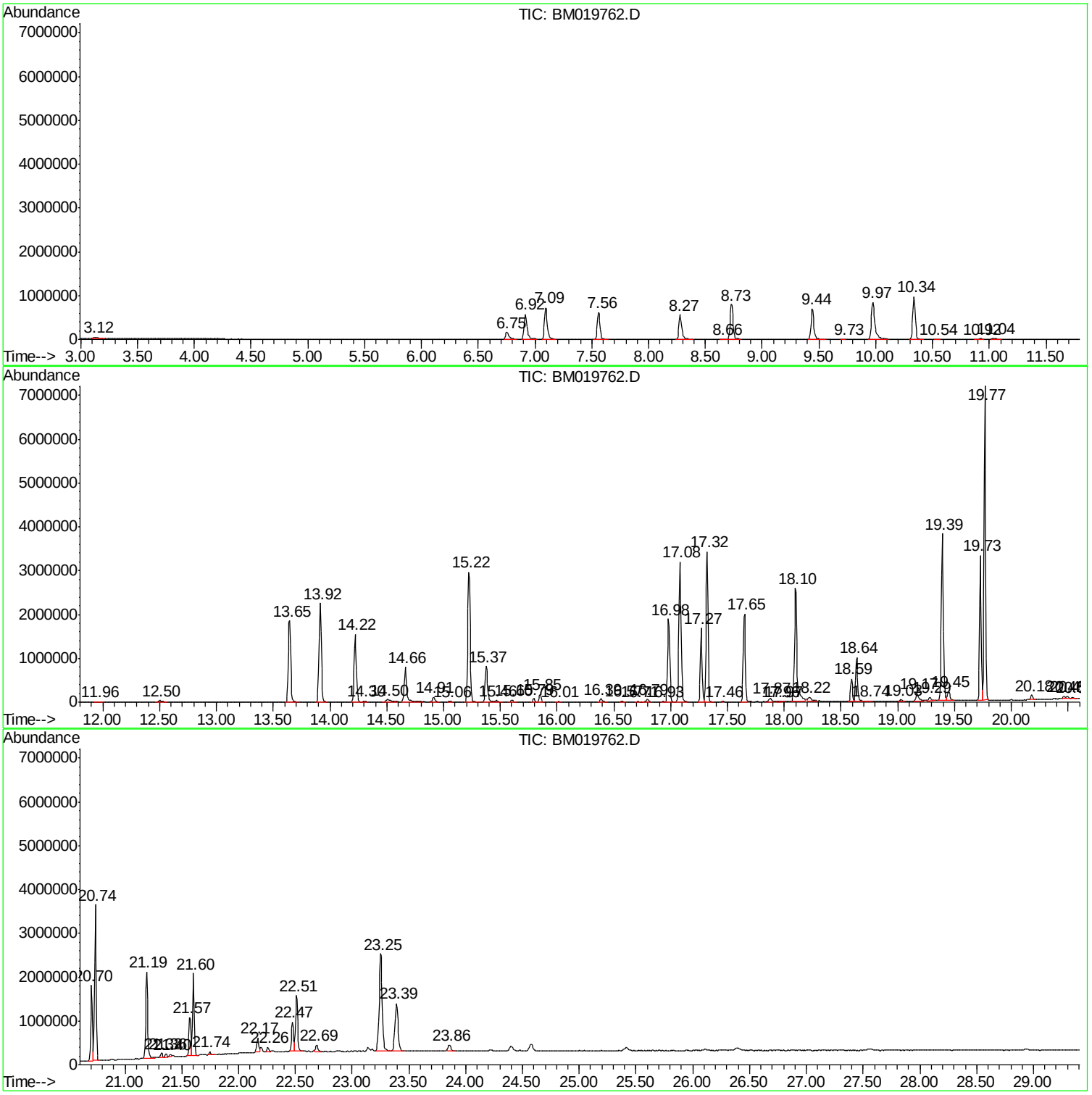
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC80

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 : BM019762.D
Acq On : 05 Apr 2019 22:58
Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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

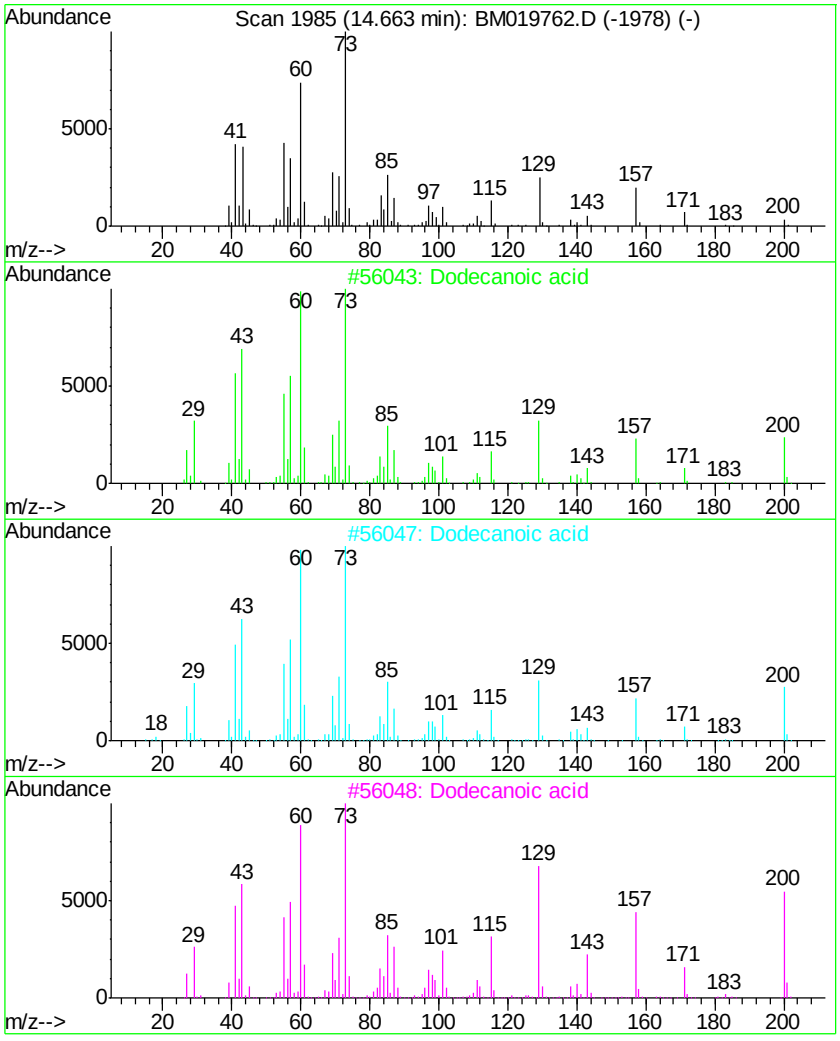
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

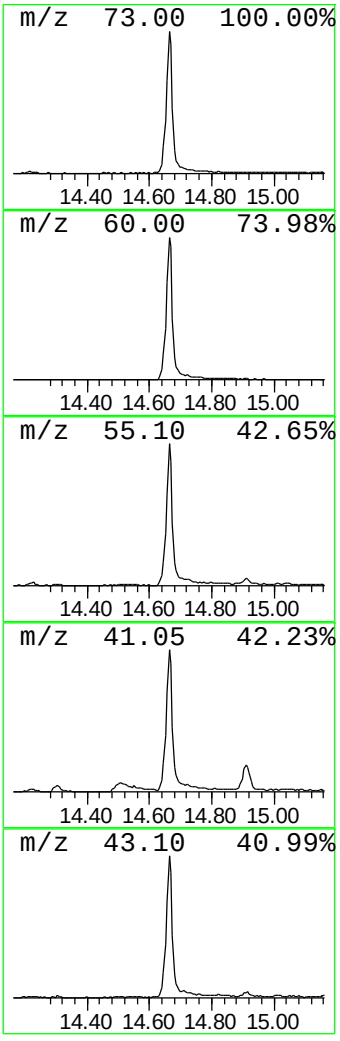
****

Peak Number 1 Dodecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	11.03 ng/ul	1220460	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	Dodecanoic acid	200	C12H24O2	000143-07-7	89
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Acq On : 05 Apr 2019 22:58
Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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

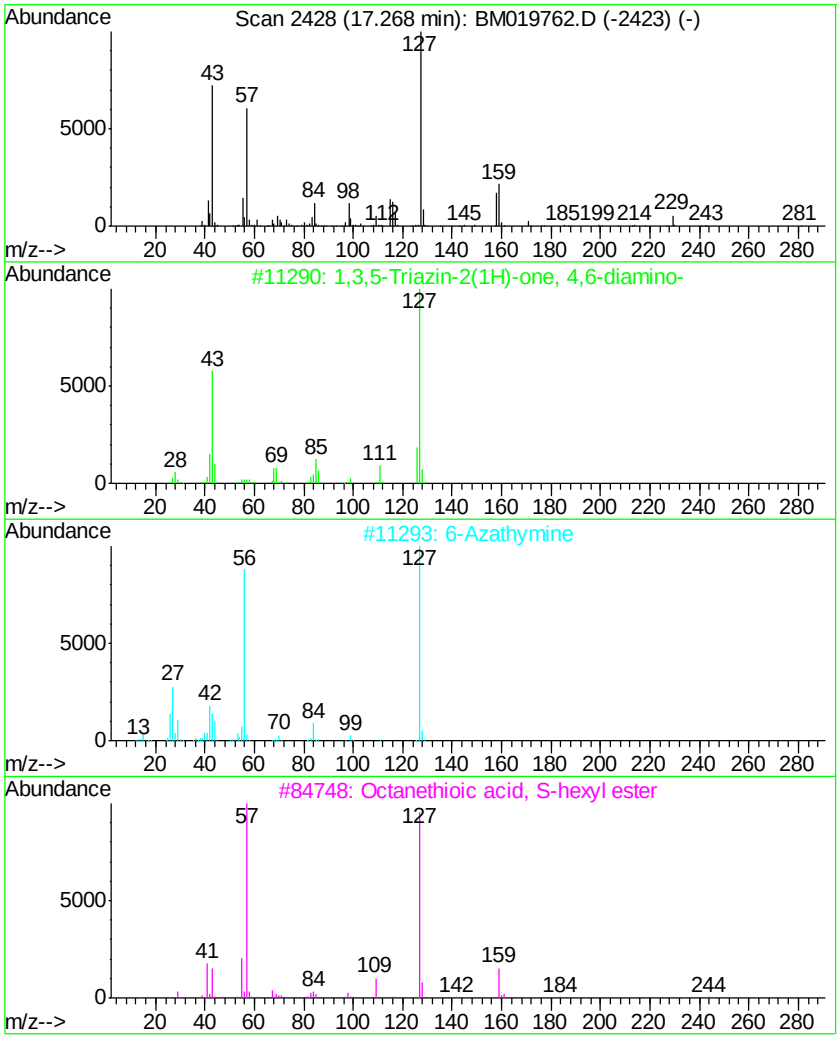
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

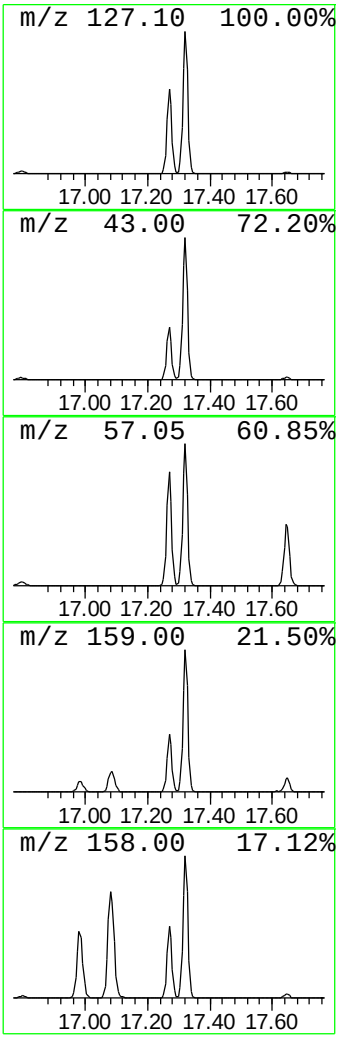
****

Peak Number 2 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	14.70 ng/ul	1895780	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	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	38
5	Isopropylphosphonic acid, fluoro...	266	C13H28FO2P	333416-36-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
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Instrument : BNA_M
ClientSampleId : BFC80

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

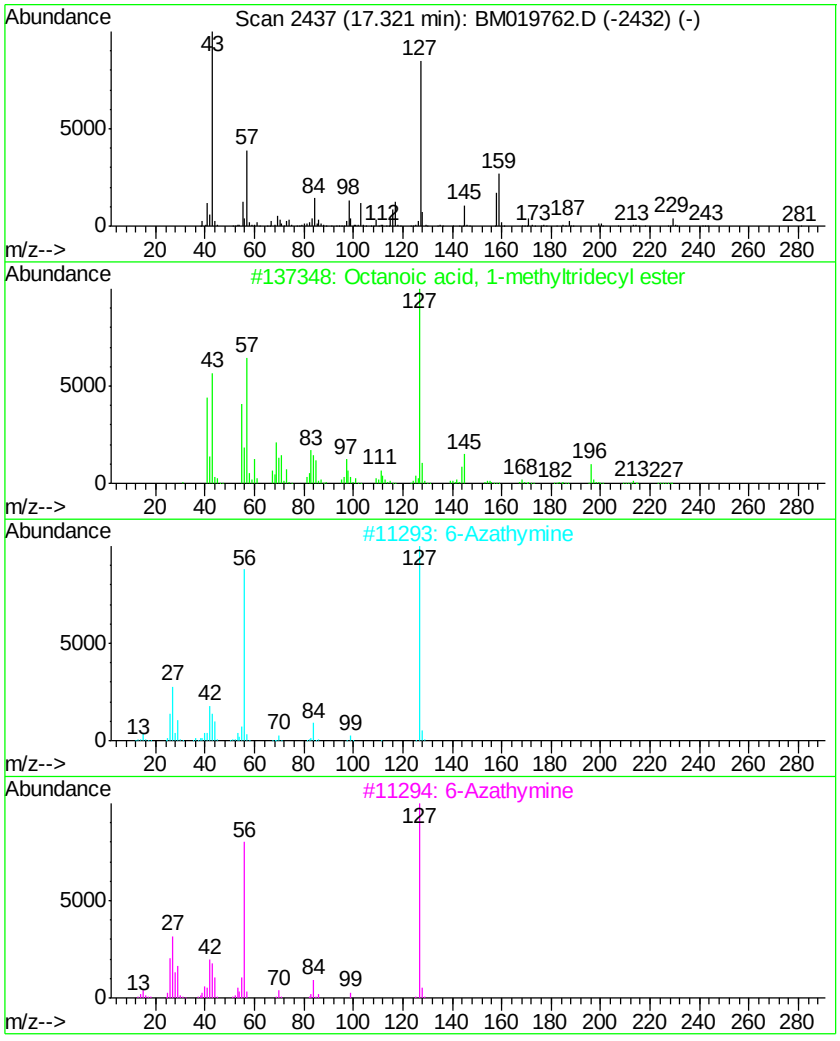
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

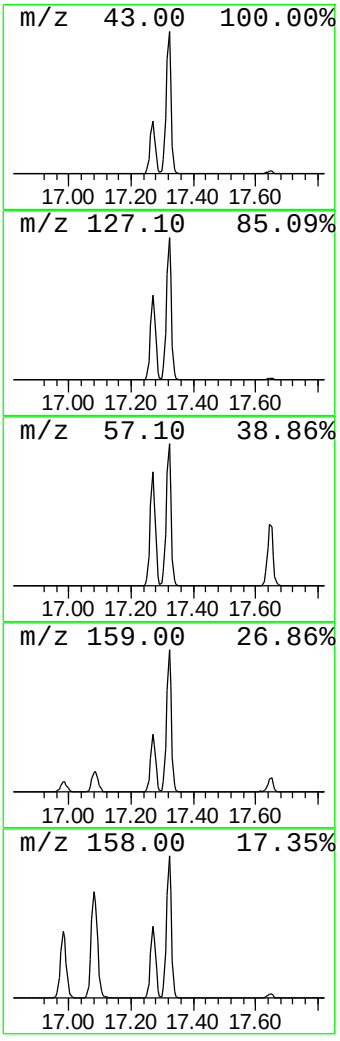
****

Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	29.80 ng/ul	3843890	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 1-methyltridecyl ...	340	C22H44O2	055193-79-8	38
2	6-Azathymine	127	C4H5N3O2	000932-53-6	32
3	6-Azathymine	127	C4H5N3O2	000932-53-6	32
4	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	28
5	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	25





Library Search Compound Report

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ClientSampleId : BFC80

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

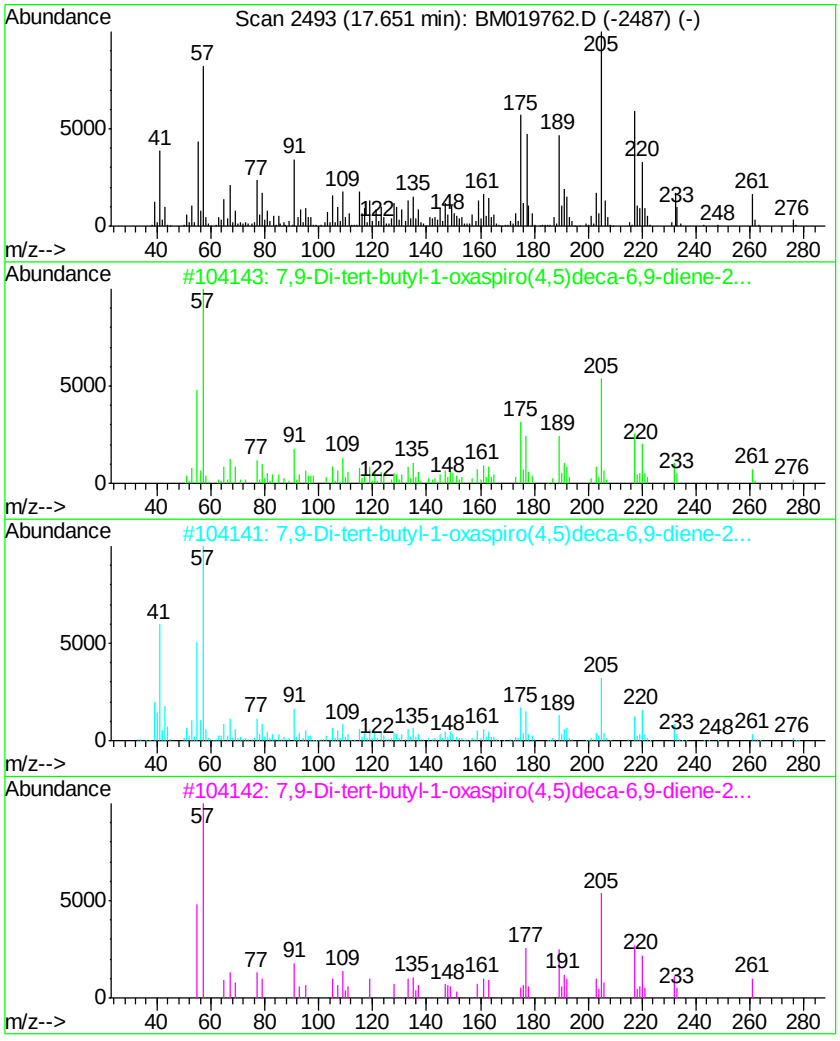
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

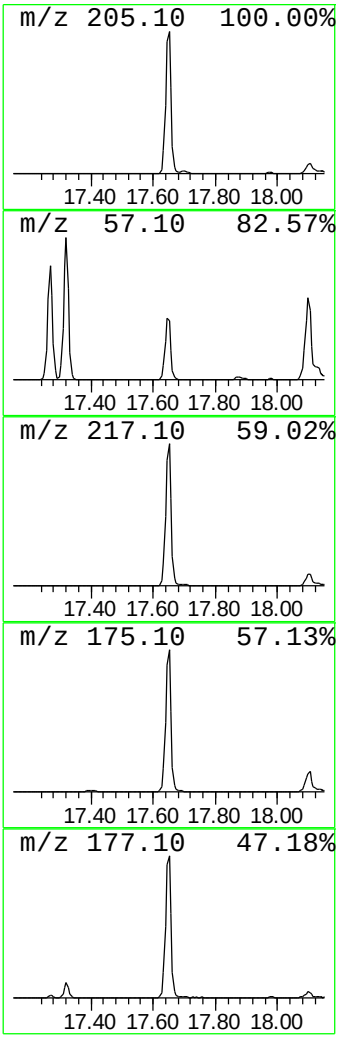
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	19.46 ng/ul	2509860	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	66
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49





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Quant Title : SVOA CALIBRATION

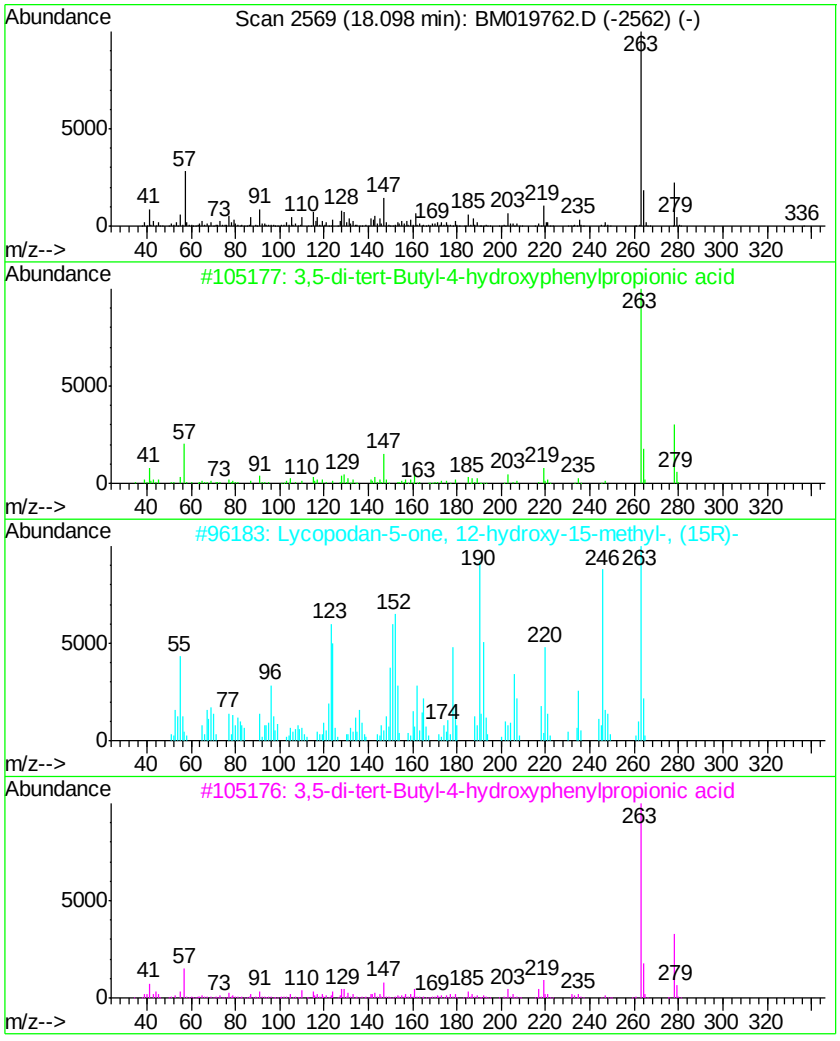
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

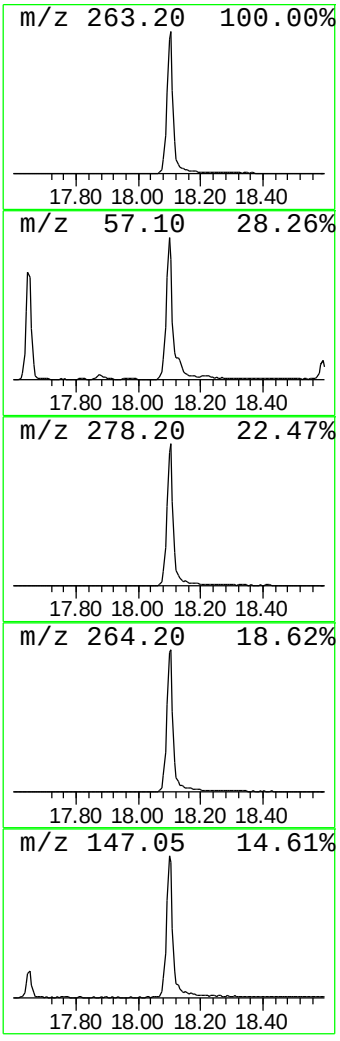
****

Peak Number 5 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	32.33 ng/ul	4169540	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	96
2	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	92
3	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	70
4	Benzoic acid, 3,5-bis(1,1-dimeth...	278	C17H26O3	001620-64-0	46
5	1,4-Dihydrophenacetic acid, 3,5-...	278	C18H30O2	1000130-28-6	43





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

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

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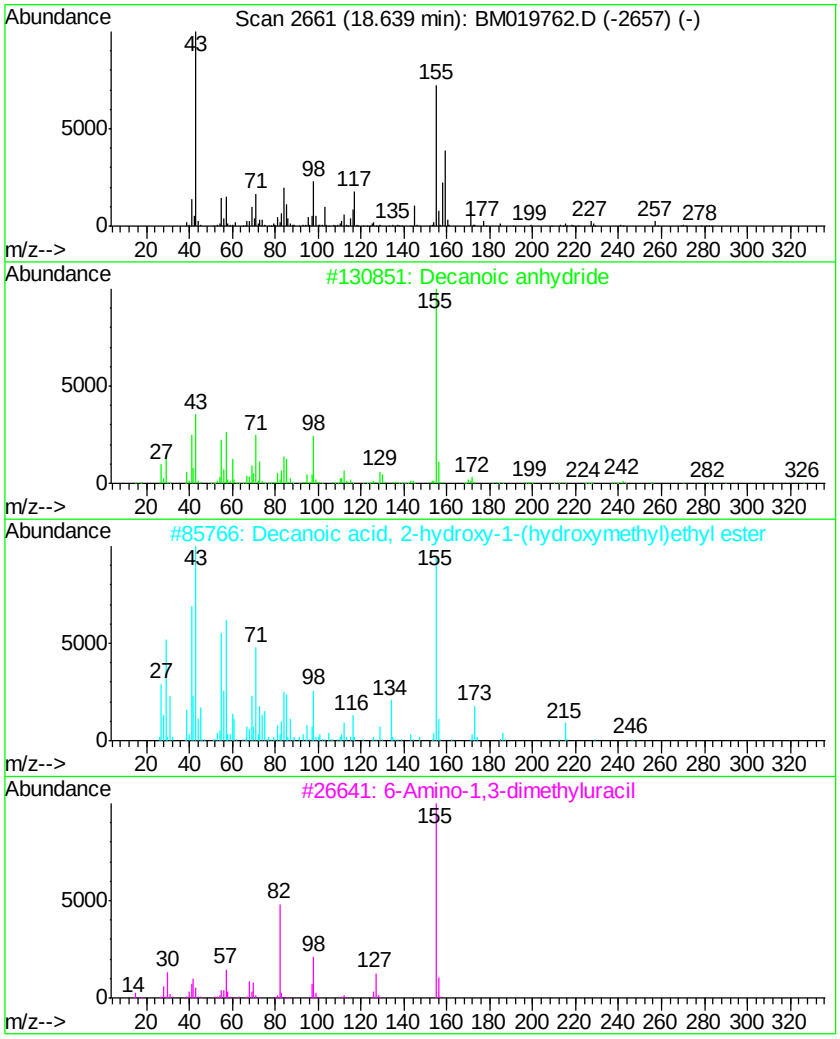
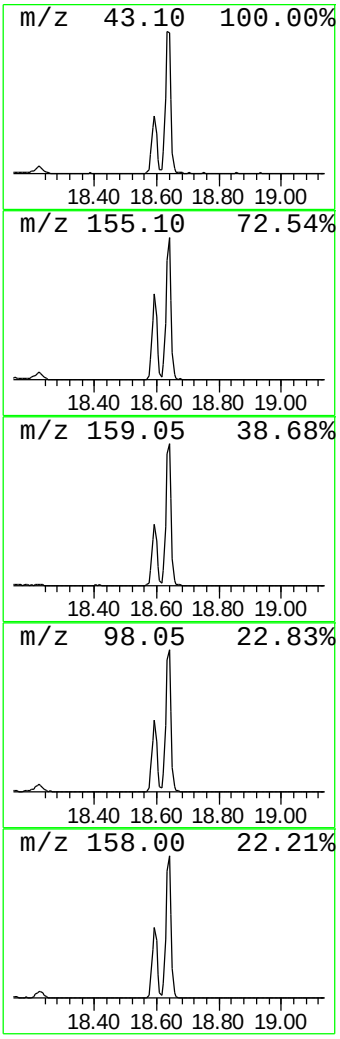
Peak Number 7 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	9.53 ng/ul	1229030	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	25
2	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	17
3	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	12
4	6-Oxadodecane, 1-[1-cycloazaprop...	213	C13H27NO	1000251-59-0	10
5	2,3,4-Trimethylpentan-2-ol decan...	284	C18H36O2	1000130-74-2	10





Library Search Compound Report

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Acq On : 05 Apr 2019 22:58
Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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Quant Title : SVOA CALIBRATION

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

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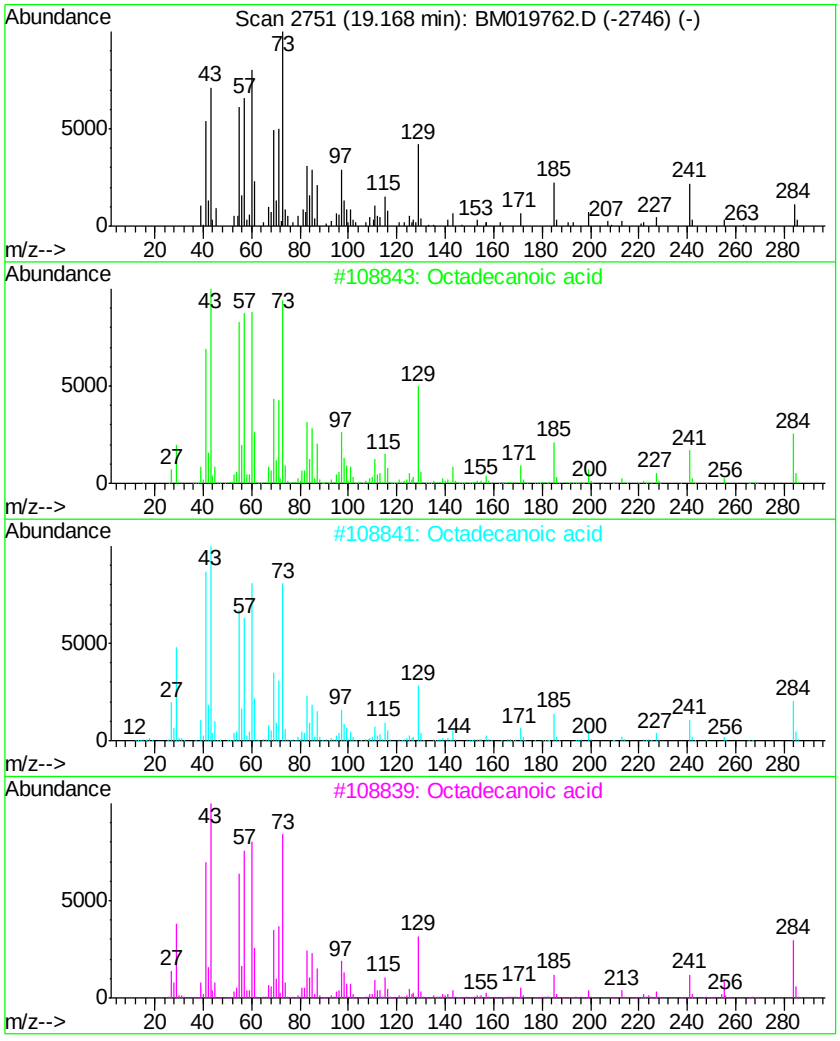
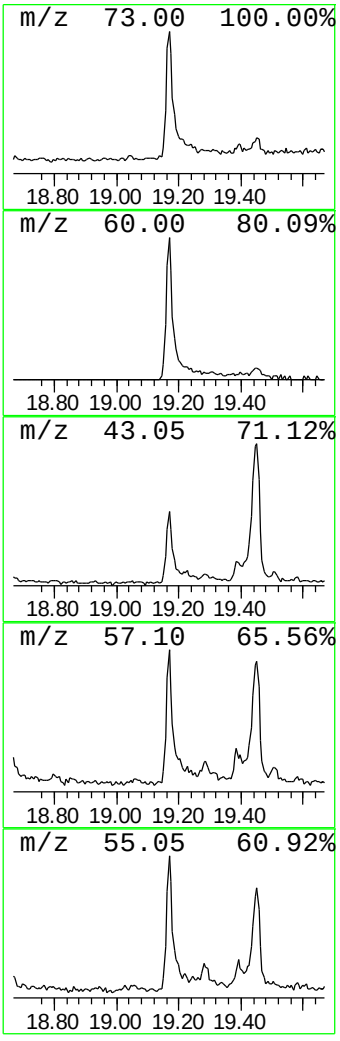
Peak Number 8 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.62 ng/ul	320271	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Sample : K2273-08
Misc :
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Instrument : BNA_M
ClientSampleId : BFC80

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Quant Title : SVOA CALIBRATION

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

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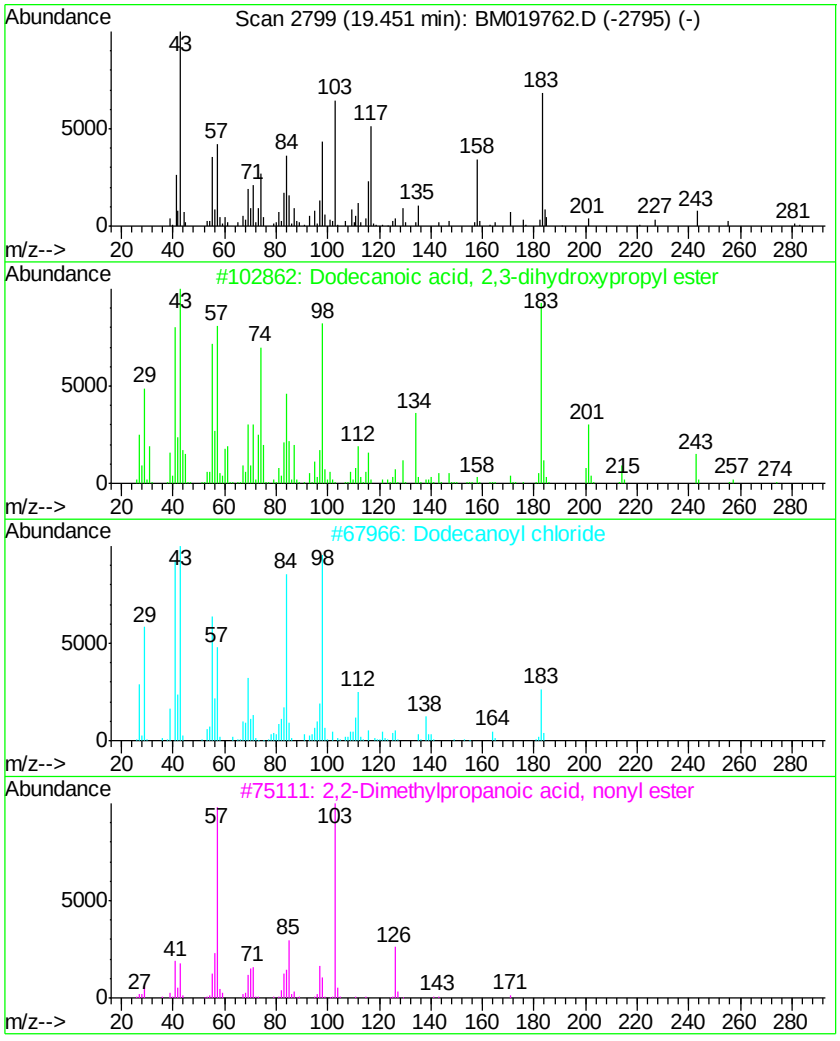
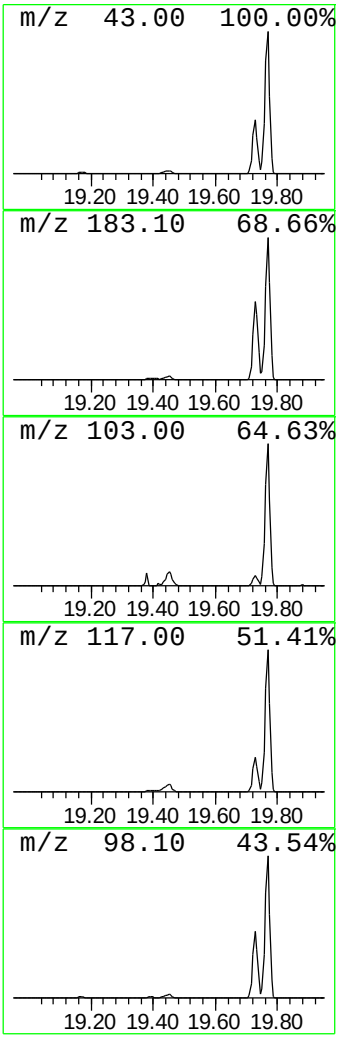
Peak Number 9 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.48 ng/ul	302922	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	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	16
3	2,2-Dimethylpropanoic acid, nony...	228	C14H28O2	027751-89-9	10
4	2,2-Dimethylpropanoic acid, unde...	256	C16H32O2	227953-78-8	10
5	Benzo[c]furane-1,3-dione, 1,3,3a...	316	C15H12F4O3	1000294-00-0	10





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Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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Quant Title : SVOA CALIBRATION

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

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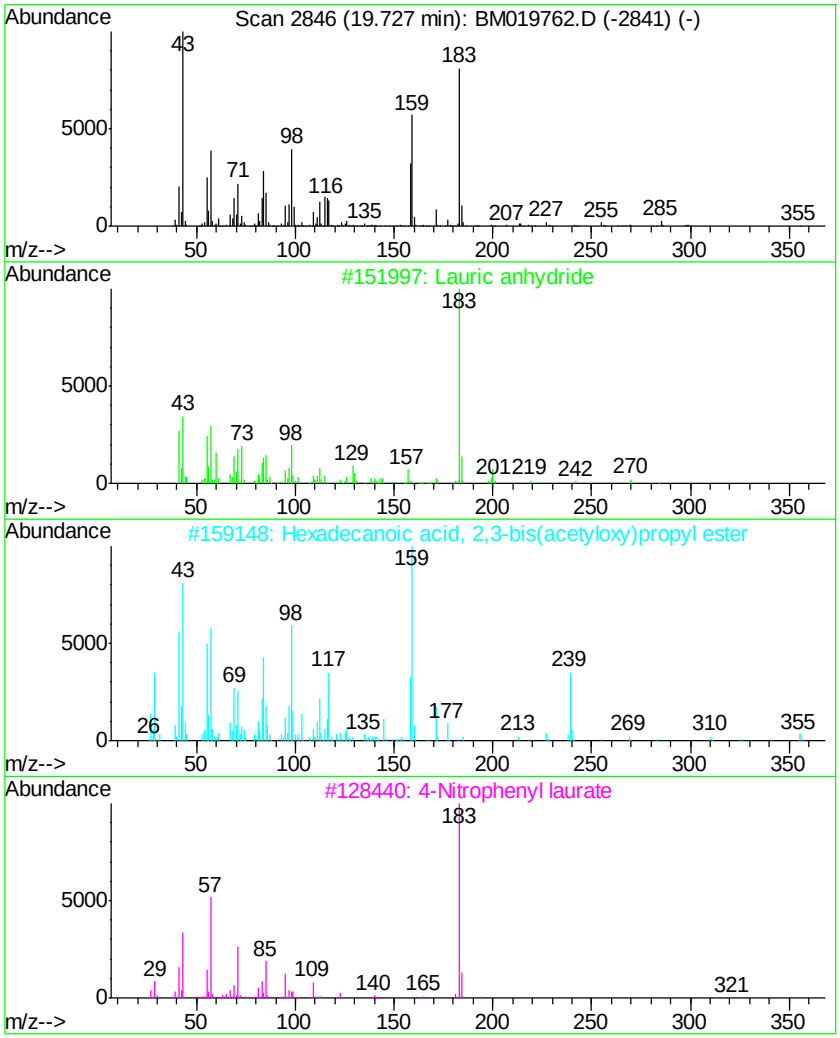
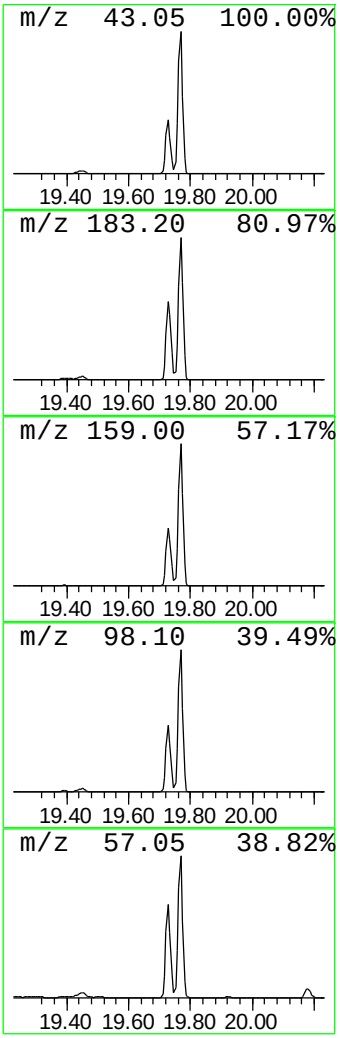
Peak Number 10 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	28.56 ng/ul	3491060	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	32
2	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	32
3	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	25
4	4-Methyl-5-trifluoromethyl-4H-1,...	183	C4H4F3N3S	030682-81-6	22
5	1-[(4-Chlorophenyl)sulfonyl]acet...	247	C9H10ClNO3S	1000266-17-1	22





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Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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Quant Title : SVOA CALIBRATION

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

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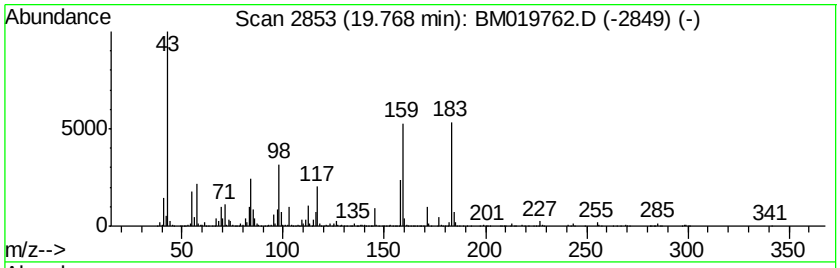
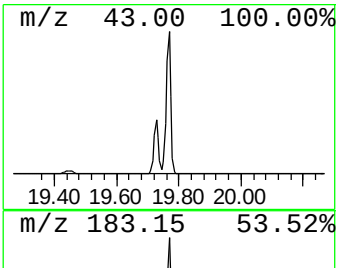
Peak Number 11 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	58.83 ng/ul	7191850	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	46
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	35
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	16
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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Sample : K2273-08
Misc :
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Instrument : BNA_M
ClientSampleId : BFC80

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Quant Title : SVOA CALIBRATION

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

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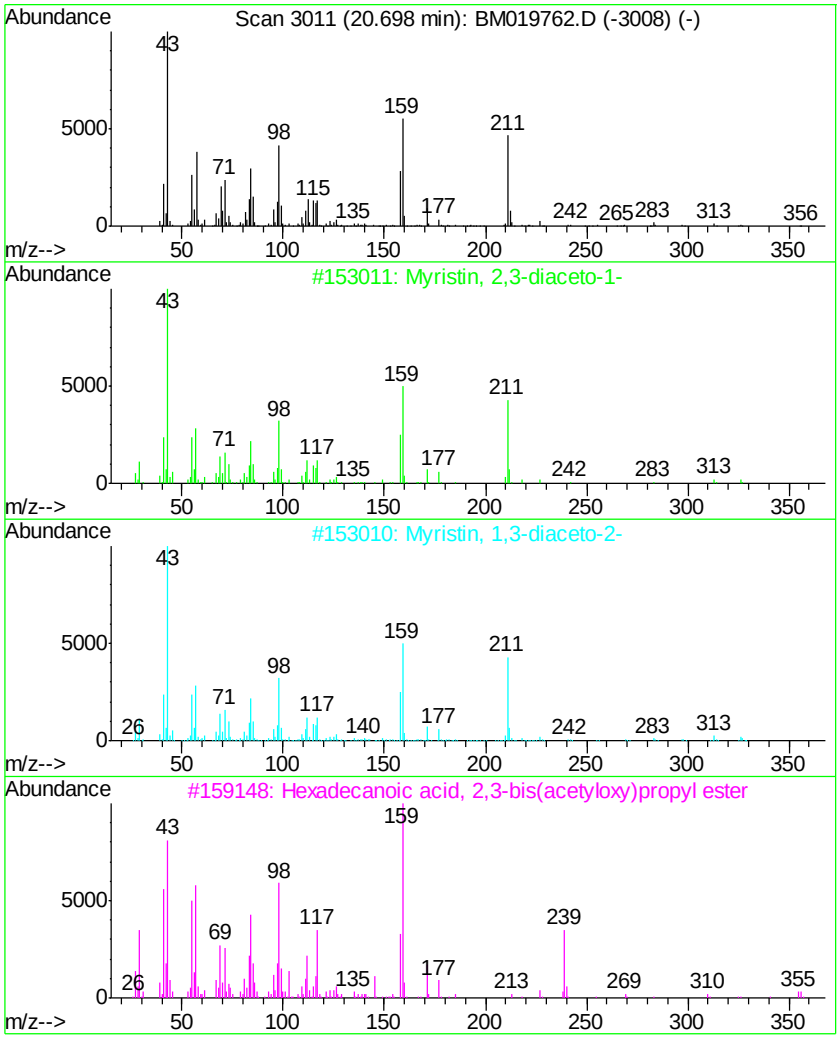
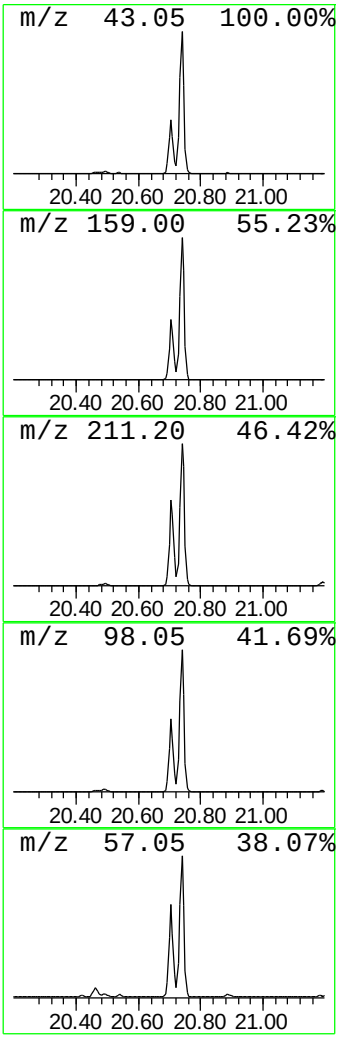
Peak Number 12 Myristin, 2,3-diaceto-1- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	14.27 ng/ul	1745130	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	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	25
5	1-Dodecanamine, N-methyl-N-nitroso-	228	C13H28N2O	055090-44-3	14





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Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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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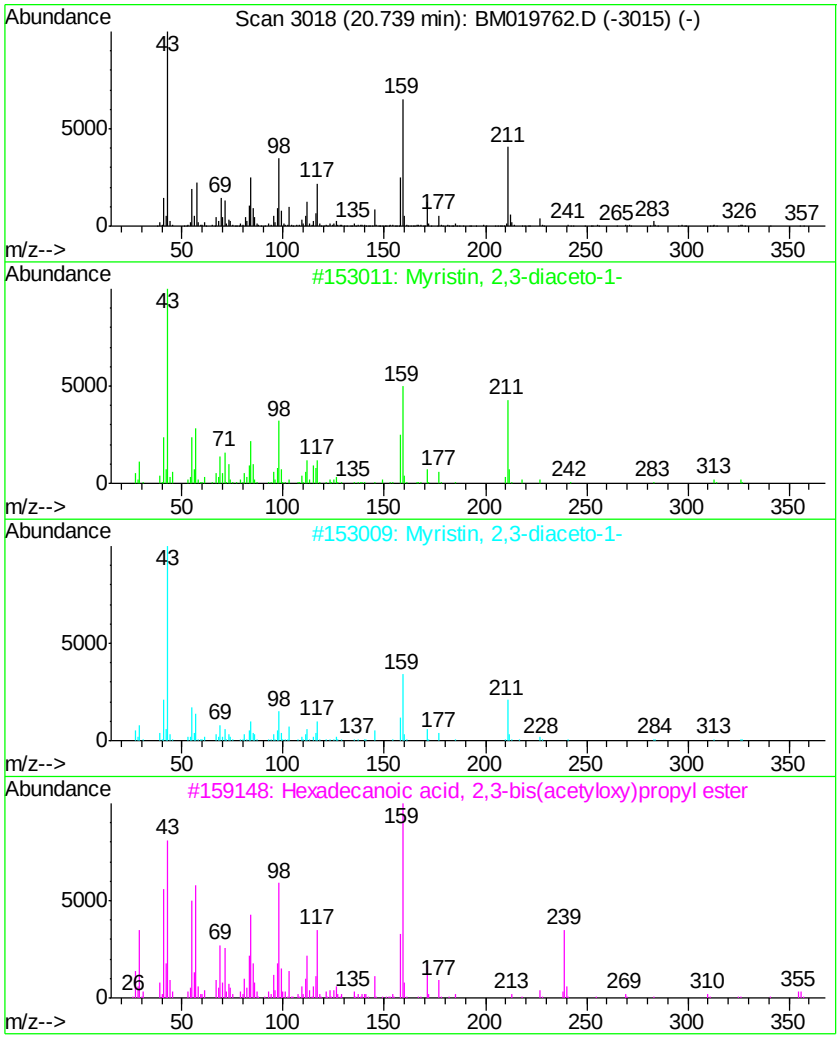
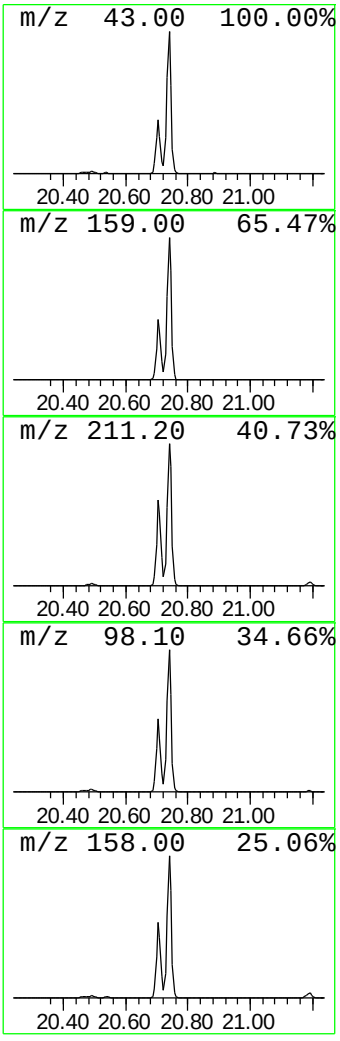
Peak Number 13 Hexadecanoic acid, 2,3-bis(... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	28.63 ng/ul	3499520	Chrysene-d12	21.19

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





Library Search Compound Report

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Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

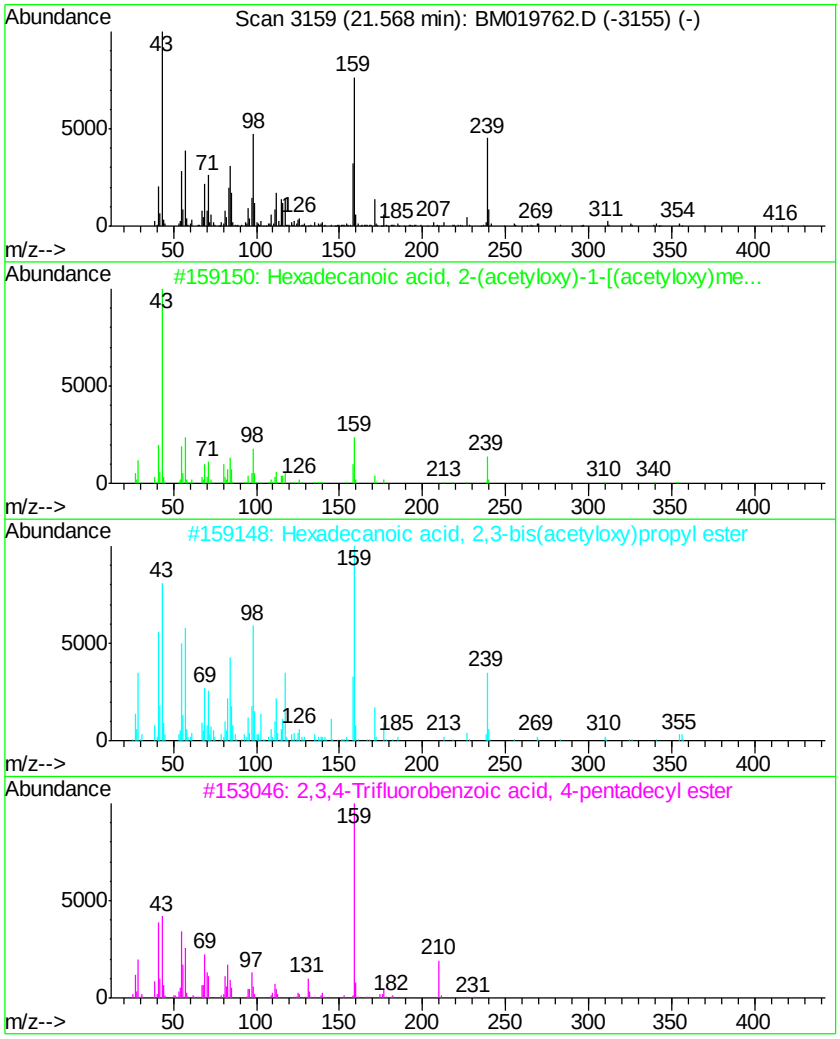
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

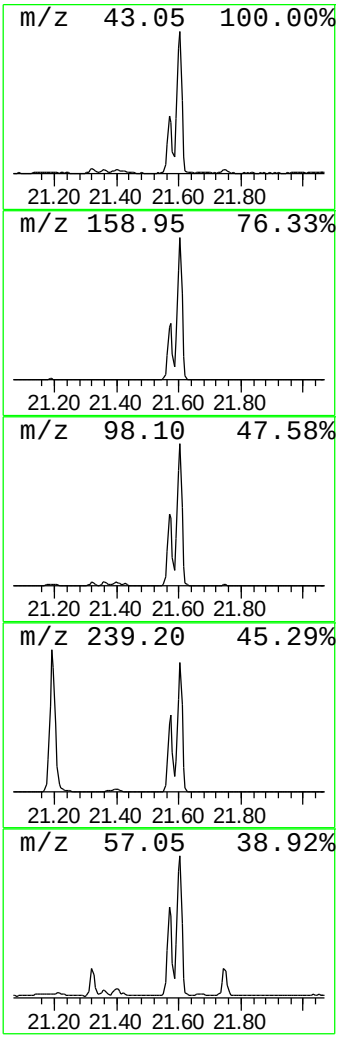
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexadecanoic acid, 2-(acety... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	8.25 ng/ul	1008280	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	83
3	2,3,4-Trifluorobenzoic acid, 4-p...	386	C22H33F3O2	1000280-62-3	22
4	2,3,4-Trifluorobenzoic acid, 3-p...	386	C22H33F3O2	1000280-62-2	22
5	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	16





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Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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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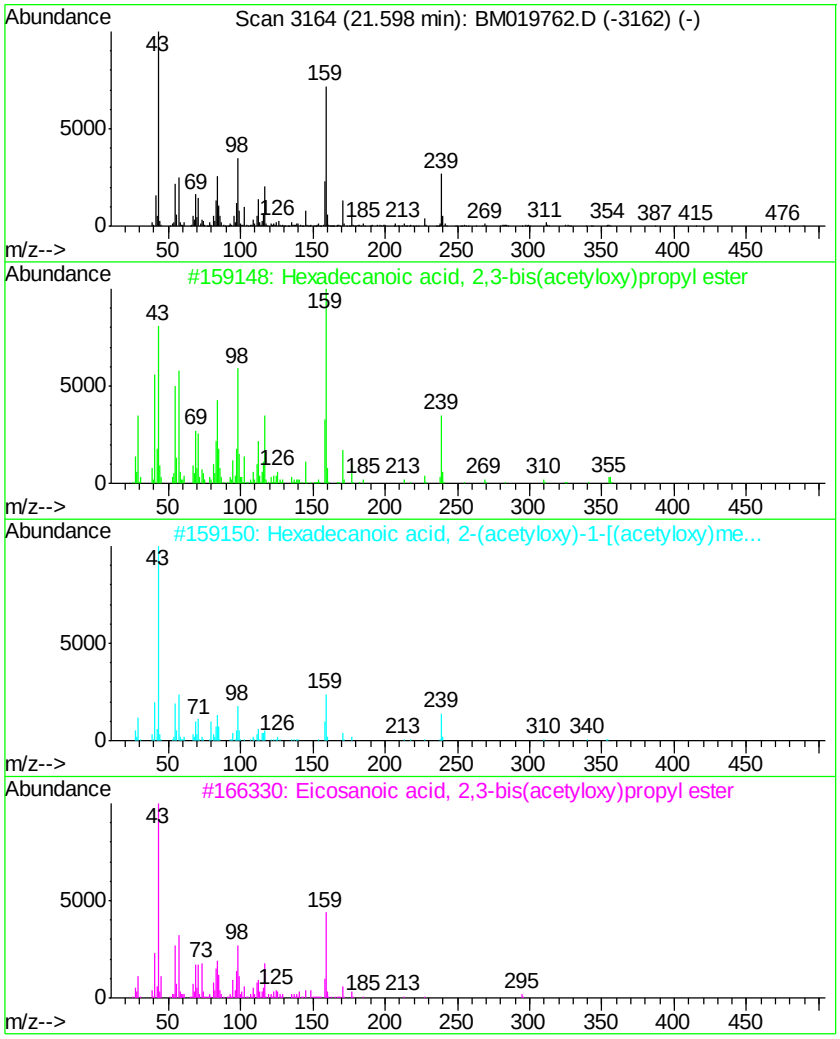
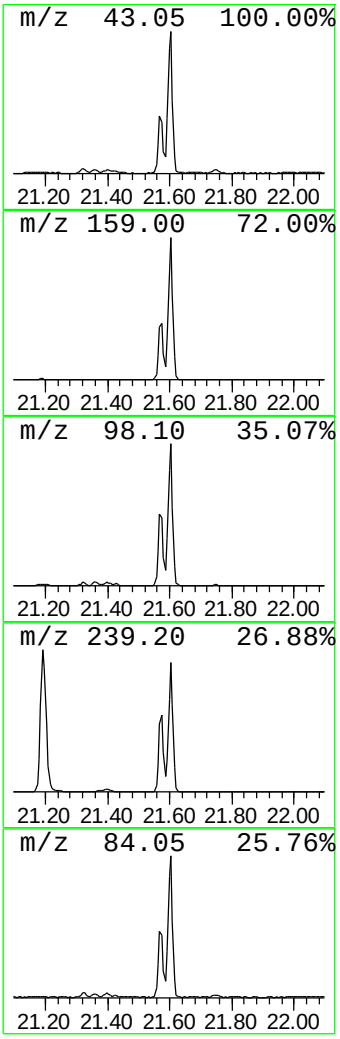
Peak Number 15 unknown-07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	15.68 ng/ul	1916970	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	76
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	43
3	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	40
4	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	27
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27





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Instrument : BNA_M
ClientSampleId : BFC80

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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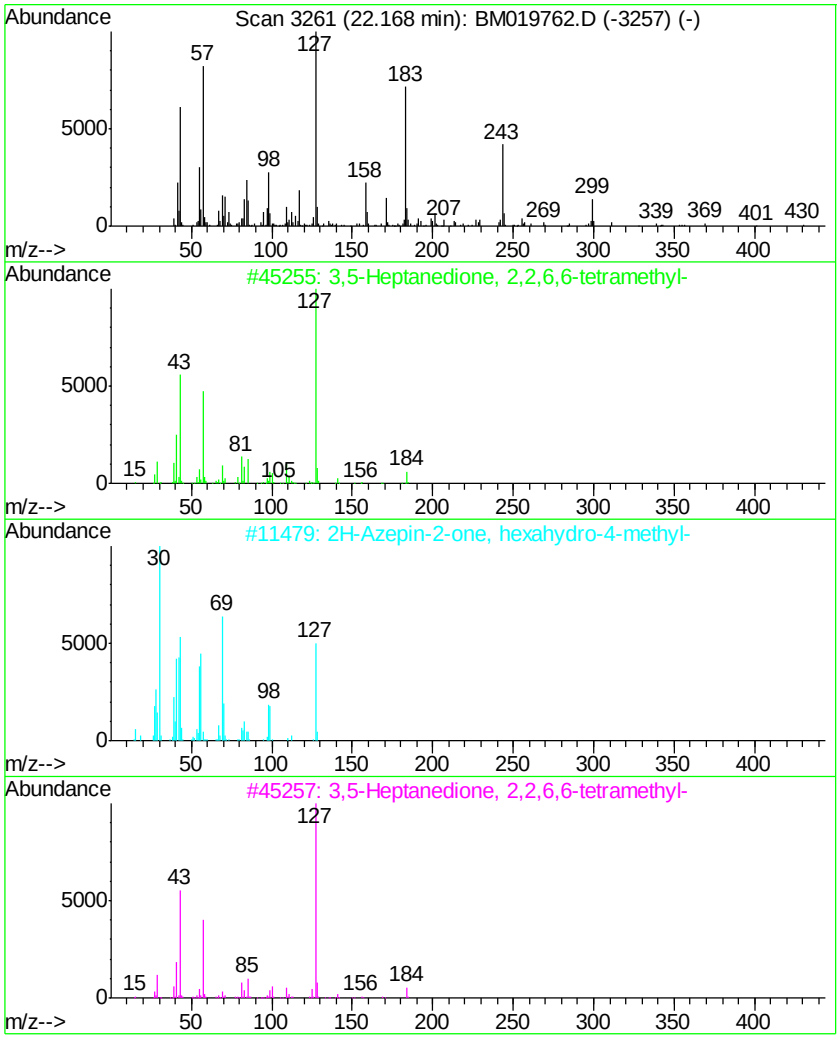
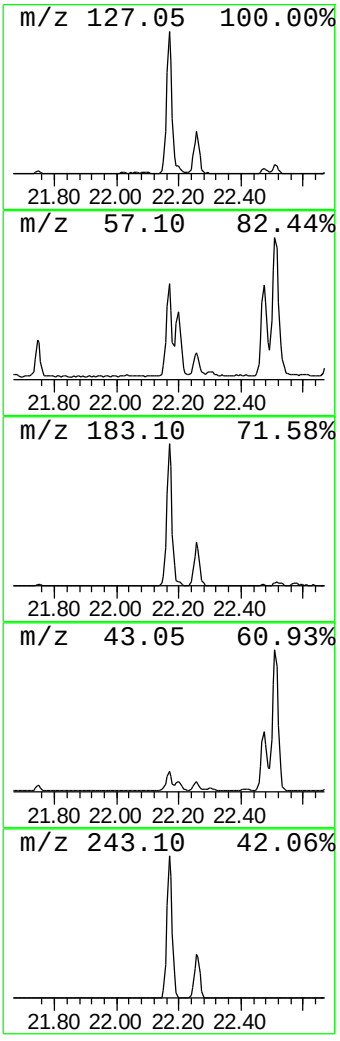
Peak Number 16 unknown-08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	3.29 ng/ul	401895	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	30
2	2H-Azepin-2-one, hexahydro-4-met...	127	C7H13NO	003623-05-0	27
3	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	25
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	22





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Instrument : BNA_M
ClientSampleId : BFC80

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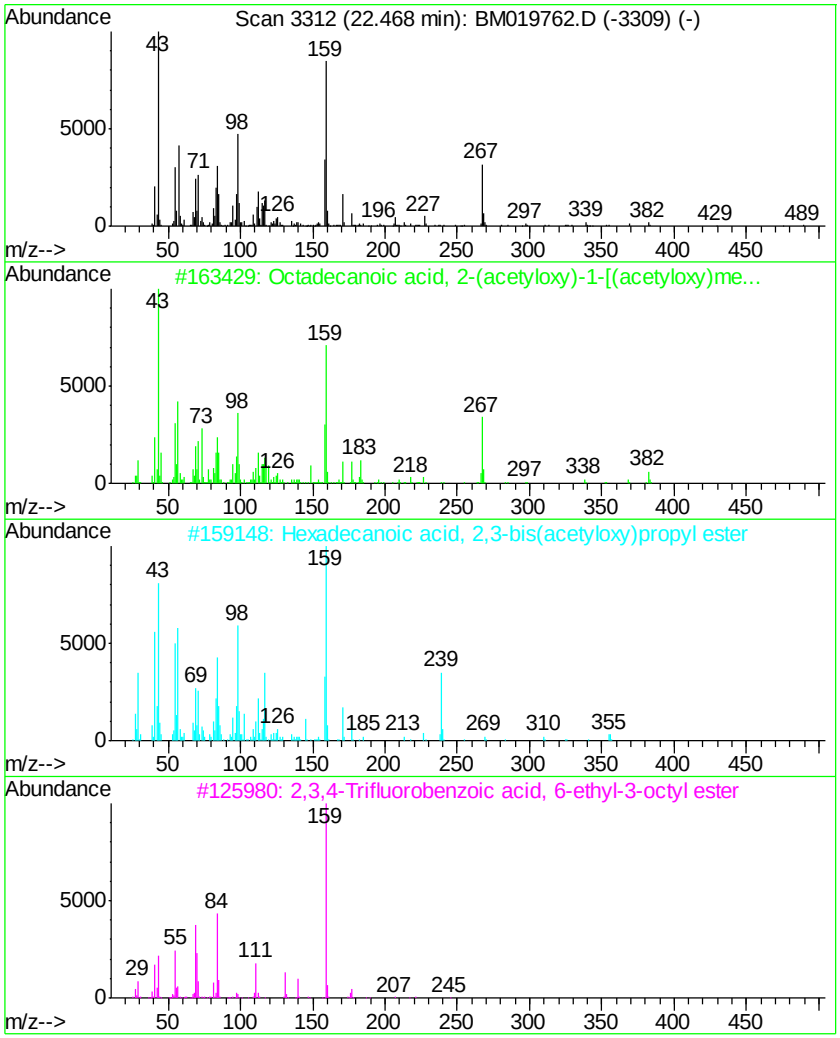
Quant Title : SVOA CALIBRATION

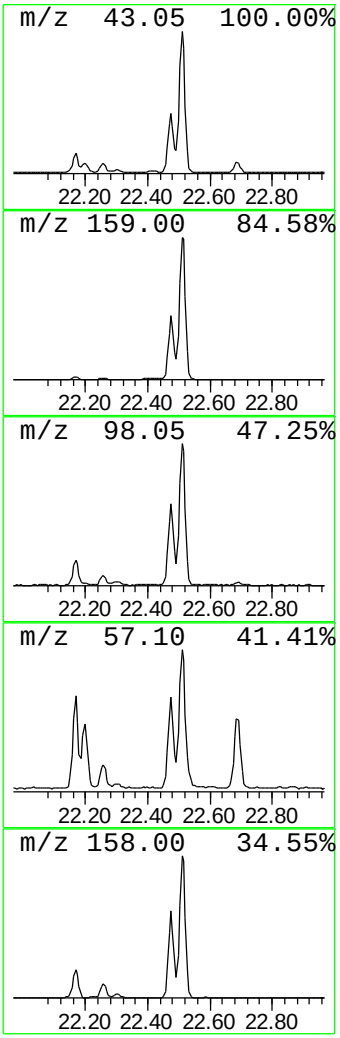
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Octadecanoic acid, 2-(acety... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	8.12 ng/ul	861888	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	74
3	2,3,4-Trifluorobenzoic acid, 6-e...	316	C17H23F3O2	1000282-58-3	27
4	2,3,4-Trifluorobenzoic acid, oct...	288	C15H19F3O2	1000280-44-8	25
5	Eicosanedioic acid	342	C20H38O4	002424-92-2	18





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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Quant Title : SVOA CALIBRATION

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

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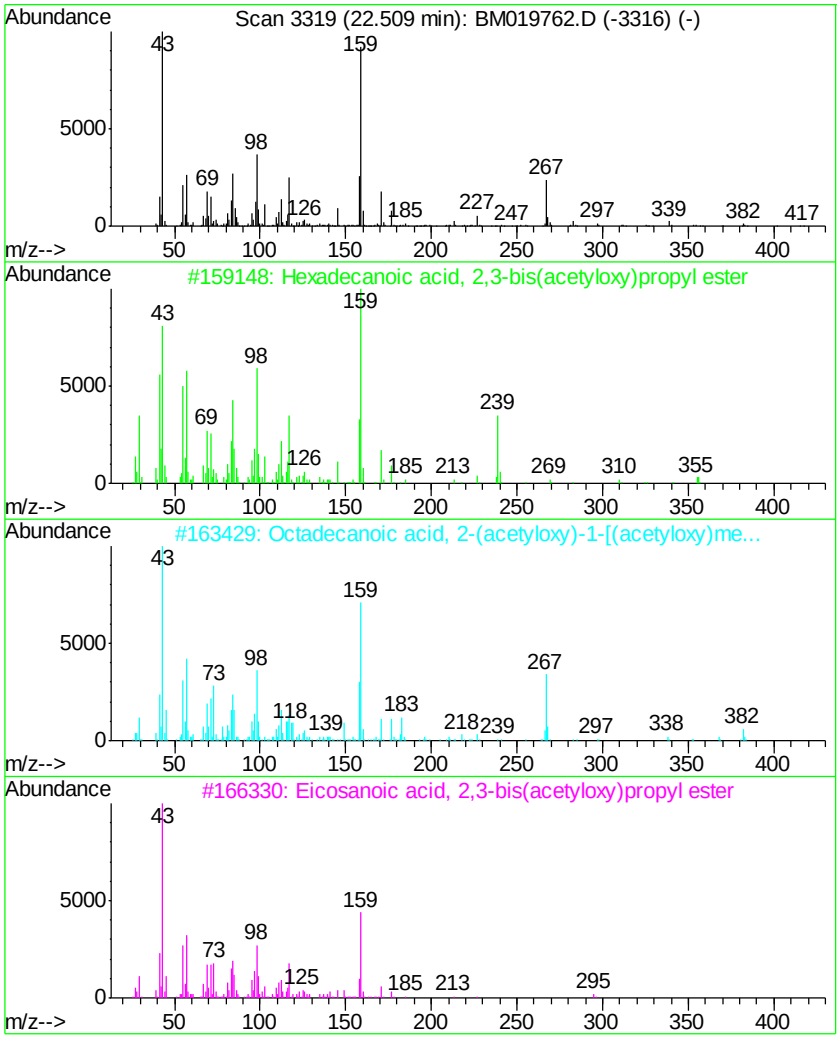
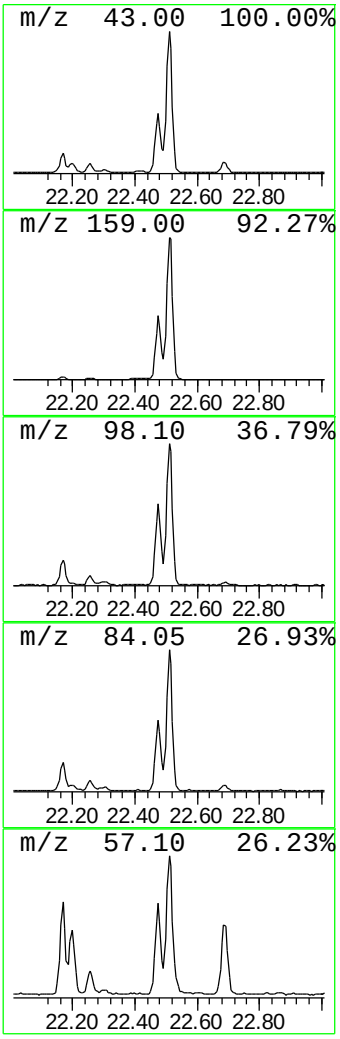
Peak Number 18 unknown-09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	16.13 ng/ul	1711350	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	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	38
4	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	27
5	2,6-Difluorobenzoic acid, hexade...	382	C23H36F2O2	1000292-39-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019762.D
Acq On : 05 Apr 2019 22:58
Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

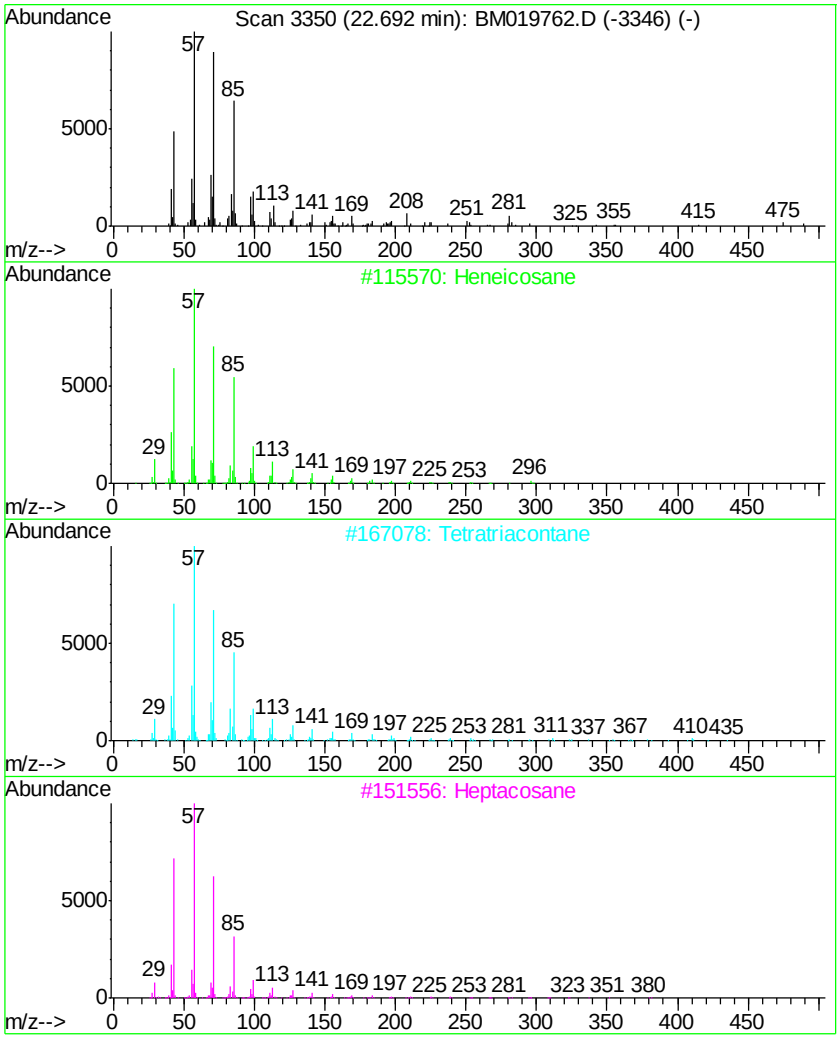
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

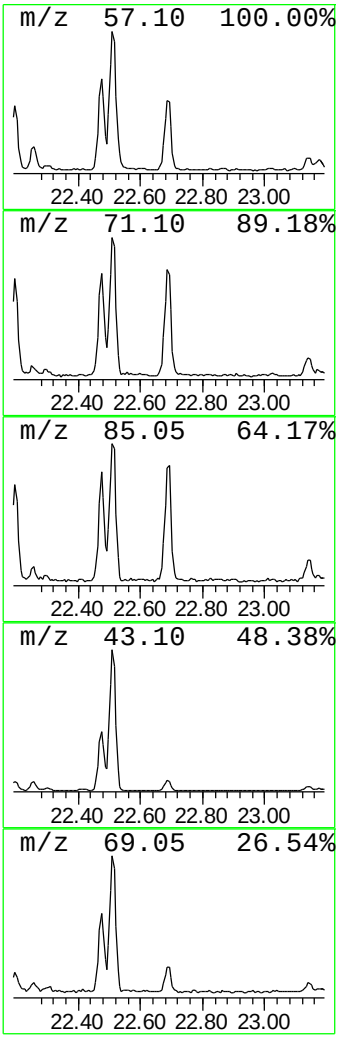
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.08 ng/ul	220991	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Nonacosane	408	C29H60	000630-03-5	87
5	Triacontane	422	C30H62	000638-68-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019762.D
Acq On : 05 Apr 2019 22:58
Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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

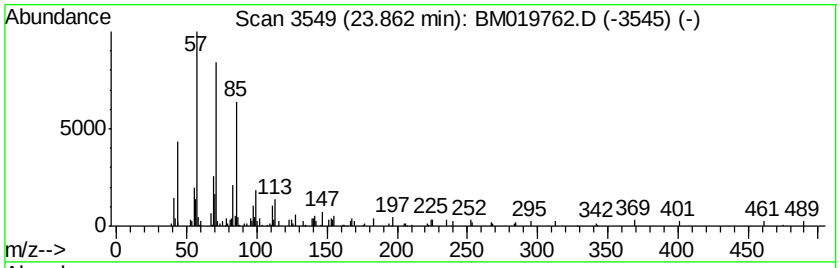
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

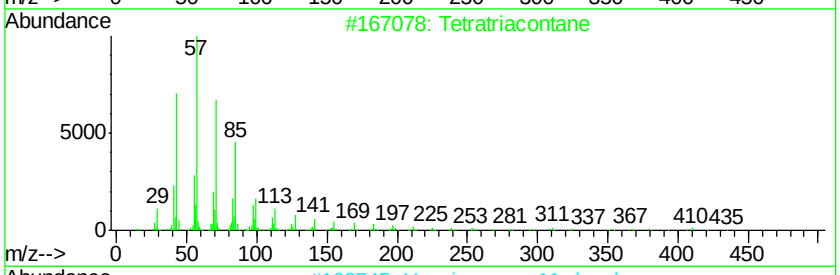
****

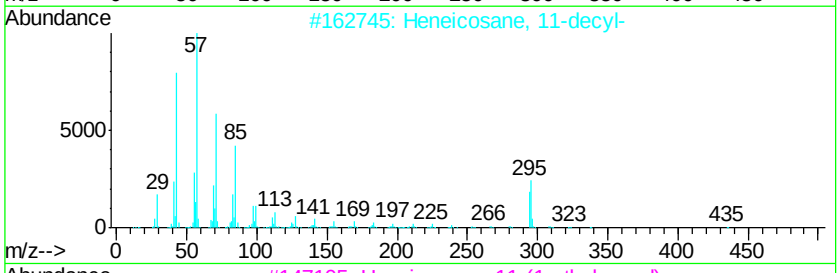
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 19

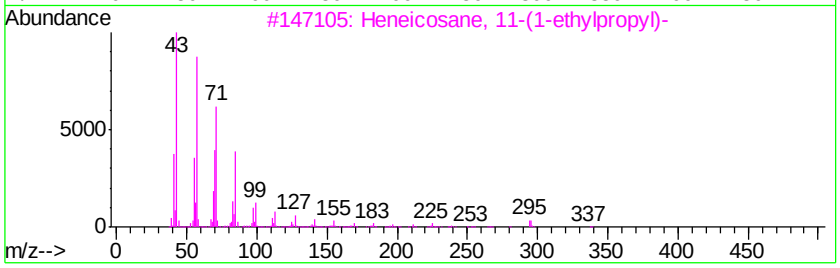
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	2.11 ng/ul	224298	Perylene-d12	23.39

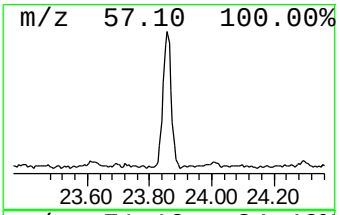
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	86
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Eicosane	282	C20H42	000112-95-8	81

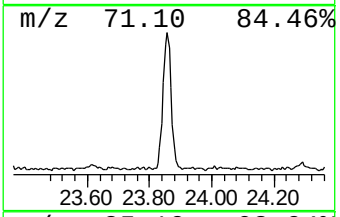


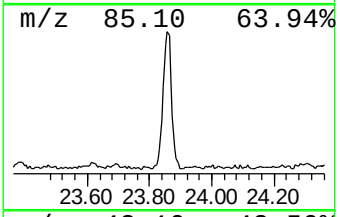


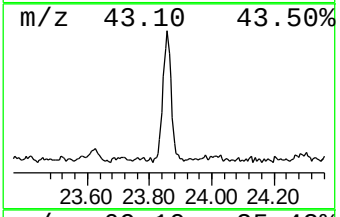


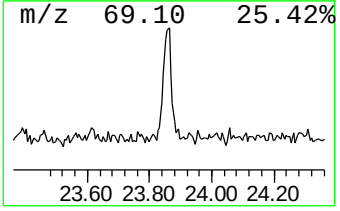












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019762.D
Acq On : 05 Apr 2019 22:58
Operator : JU/SJ
Sample : K2273-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC80

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
Dodecanoic acid	14.66	11.0	ng/ul	1220460	3	14.22	2213860	20.0
unknown-01	17.27	14.7	ng/ul	1895780	4	16.98	2579420	20.0
unknown-02	17.32	29.8	ng/ul	3843890	4	16.98	2579420	20.0
7,9-Di-tert-butyl...	17.65	19.5	ng/ul	2509860	4	16.98	2579420	20.0
3,5-di-tert-Butyl...	18.10	32.3	ng/ul	4169540	4	16.98	2579420	20.0
unknown-03	18.64	9.5	ng/ul	1229030	4	16.98	2579420	20.0
Octadecanoic acid	19.17	2.6	ng/ul	320271	5	21.19	2445070	20.0
unknown-04	19.45	2.5	ng/ul	302922	5	21.19	2445070	20.0
unknown-05	19.73	28.6	ng/ul	3491060	5	21.19	2445070	20.0
unknown-06	19.77	58.8	ng/ul	7191850	5	21.19	2445070	20.0
Myristin, 2,3-dia...	20.70	14.3	ng/ul	1745130	5	21.19	2445070	20.0
Hexadecanoic acid...	20.74	28.6	ng/ul	3499520	5	21.19	2445070	20.0
Hexadecanoic acid...	21.57	8.3	ng/ul	1008280	5	21.19	2445070	20.0
unknown-07	21.60	15.7	ng/ul	1916970	5	21.19	2445070	20.0
unknown-08	22.17	3.3	ng/ul	401895	5	21.19	2445070	20.0
Octadecanoic acid...	22.47	8.1	ng/ul	861888	6	23.39	2122240	20.0
unknown-09	22.51	16.1	ng/ul	1711350	6	23.39	2122240	20.0
(DEL) Alkane: Str...	22.69	2.1	ng/ul	220991	6	23.39	2122240	20.0
(DEL) Alkane: Str...	23.86	2.1	ng/ul	224298	6	23.39	2122240	20.0