LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	4.784	327	331	337	rVB3	27162	41729	0.58%	0.051%
2	5.307	413	420	427	rBV8	14396	23397	0.32%	0.029%
3	7.305	754	760	766	rVB2	97672	157842	2.19%	0.195%
4	7.381	766	773	781	rBV3	92988	179630	2.49%	0.221%
5	7.557	795	803	814	rBV	278570	484155	6.71%	0.597%
6	7.769	832	839	849	rBV	326016	569745	7.89%	0.702%
7	8.245	906	920	932	rBV	391135	712134	9.87%	0.878%
8	8.762	1004	1008	1015	rVB8	9545	23344	0.32%	0.029%
9	8.938	1032	1038	1049	rVB	286607	506184	7.01%	0.624%
10	9.338	1099	1106	1113	rBV3	52153	98978	1.37%	0.122%
11	9.420	1113	1120	1130	rVB	413205	769030	10.65%	0.948%
12	9.549	1137	1142	1150	rVB7	41925	78042	1.08%	0.096%
13	9.755	1169	1177	1188	rVB3	80681	151191	2.09%	0.186%
14	10.143	1233	1243	1255	rBV2	362267	694949	9.63%	0.857%
15	10.677	1324	1334	1350	rBV	506350	1012474	14.03%	1.248%
16	11.071	1390	1401	1410	rBV	539153	1004563	13.92%	1.238%
17	11.817	1521	1528	1540	rBV5	42681	102018	1.41%	0.126%
18	12.240	1591	1600	1607	rVB3	47986	81936	1.14%	0.101%
19	12.364	1612	1621	1629	rBV4	26235	51028	0.71%	0.063%
20	12.634	1662	1667	1676	rVB6	16278	37243	0.52%	0.046%
21	12.834	1694	1701	1710	rBV6	28578	60548	0.84%	0.075%
22	13.116	1744	1749	1755	rBV6	20356	38064	0.53%	0.047%
23	13.615	1827	1834	1839	rBV6	10659	27630	0.38%	0.034%
24	13.791	1857	1864	1870	rBV9	14939	38890	0.54%	0.048%
25	14.038	1899	1906	1912	rBV2	247157	357854	4.96%	0.441%
26	14.209	1925	1935	1936	rBV7	16300	30075	0.42%	0.037%
27	14.256	1936	1943	1952	rVB	1235886	1846438	25.58%	2.276%
28	14.561	1988	1995	2006	rVB	1102382	1802221	24.97%	2.222%
29	14.861	2032	2046	2053	rBV	976131	1582280	21.92%	1.951%
30	14.925	2053	2057	2061	rVB3	17674	28739	0.40%	0.035%
31	15.049	2072	2078	2092	rBV3	107195	248076	3.44%	0.306%
32	15.243	2103	2111	2128	rBV	734934	1228715	17.02%	1.515%
33	15.448	2135	2146	2152	rBV3	266647	505425	7.00%	0.623%
34	15.542	2159	2162	2166	rVB4	36952	42403	0.59%	0.052%

LSC Area Percent Report

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Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	15.648	2175	2180	2186	rVB2	46628	63630	0.88%	0.078%
36	15.848	2202	2214	2226	rVB	1716617	2691124	37.28%	3.318%
37	15.959	2226	2233	2240	rBV	743258	1123899	15.57%	1.385%
38	16.018	2240	2243	2249	rVB8	18948	27681	0.38%	0.034%
39	16.089	2250	2255	2265	rVB6	24045	46866	0.65%	0.058%
40	16.200	2268	2274	2281	rVB	50088	87193	1.21%	0.107%
41	16.412	2306	2310	2316	rVB3	33933	47062	0.65%	0.058%
42	16.541	2328	2332	2337	rBV7	22381	30942	0.43%	0.038%
43	16.594	2337	2341	2344	rBV5	14197	22497	0.31%	0.028%
44	16.635	2344	2348	2357	rVB4	27690	52943	0.73%	0.065%
45	16.794	2369	2375	2379	rBV5	18919	31000	0.43%	0.038%
46	16.952	2394	2402	2408	rBV9	34114	66564	0.92%	0.082%
47	17.070	2416	2422	2427	rVB4	19107	31257	0.43%	0.039%
48	17.276	2451	2457	2462	rBV4	40631	79368	1.10%	0.098%
49	17.358	2464	2471	2487	rVB2	345250	622413	8.62%	0.767%
50	17.605	2505	2513	2522	rBV	1309675	2049590	28.39%	2.527%
51	17.704	2522	2530	2543	rVB	2031030	3136175	43.45%	3.866%
52	17.834	2545	2552	2556	rBV	2309235	3033636	42.03%	3.740%
53	17.887	2556	2561	2567	rVV	4729264	5842988	80.95%	7.203%
54	17.939	2567	2570	2575	rVB7	24305	41840	0.58%	0.052%
55	18.116	2595	2600	2603	rBV3	24558	29307	0.41%	0.036%
56	18.169	2604	2609	2612	rVV2	40016	55240	0.77%	0.068%
57	18.221	2612	2618	2634	rVB2	1014735	1711489	23.71%	2.110%
58	18.445	2651	2656	2664	rBV6	48594	69381	0.96%	0.086%
59	18.527	2666	2670	2676	rVB3	15092	24779	0.34%	0.031%
60	18.715	2695	2702	2706	rBV7	52988	126754	1.76%	0.156%
61	18.780	2706	2713	2722	rVV	351867	646263	8.95%	0.797%
62	18.856	2722	2726	2731	rVB8	22736	38399	0.53%	0.047%
63	19.138	2768	2774	2777	rBV	1194235	1437028	19.91%	1.772%
64	19.179	2777	2781	2789	rVB	2302464	2718680	37.66%	3.351%
65	19.379	2808	2815	2825	rVB2	180682	237214	3.29%	0.292%
66	19.508	2831	2837	2848	rBV	949001	1105104	15.31%	1.362%
67	19.608	2850	2854	2863	rVB	38122	68550	0.95%	0.085%
68	19.702	2867	2870	2875	rVB6	35364	48893	0.68%	0.060%
69	19.743	2875	2877	2880	rBV4	17530	22446	0.31%	0.028%
70	19.867	2893	2898	2902	rBV2	30501	42235	0.59%	0.052%
71	19.978	2902	2917	2931	rVV	3710749	6492158	89.94%	8.003%

LSC Area Percent Report

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Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	20.248	2956	2963	2966	rBV	3291543	4073111	56.43%	5.021%
73	20.284	2966	2969	2978	rVB	6486482	7218298	100.00%	8.898%
74	20.589	3018	3021	3027	rBV6	37302	42540	0.59%	0.052%
75	20.983	3083	3088	3090	rBV2	76422	126393	1.75%	0.156%
76	21.012	3090	3093	3099	rVB4	123943	215825	2.99%	0.266%
77	21.071	3100	3103	3107	rVB5	36797	49541	0.69%	0.061%
78	21.241	3128	3132	3136	rBV	1038908	1372609	19.02%	1.692%
79	21.283	3136	3139	3146	rVB	2052130	2451788	33.97%	3.022%
80	21.582	3185	3190	3207	rVB	137897	246095	3.41%	0.303%
81	21.729	3211	3215	3221	rVB9	46751	71605	0.99%	0.088%
82	21.894	3235	3243	3253	rBV	1651757	2796225	38.74%	3.447%
83	22.023	3260	3265	3270	rBV9	40955	65764	0.91%	0.081%
84	22.076	3270	3274	3278	rVV7	43706	60295	0.84%	0.074%
85	22.135	3279	3284	3286	rBV6	43435	64360	0.89%	0.079%
86	22.381	3319	3326	3330	rBV2	435434	700072	9.70%	0.863%
87	22.428	3330	3334	3342	rVB	861483	1298905	17.99%	1.601%
88	23.327	3479	3487	3493	rBV3	247671	479990	6.65%	0.592%
89	23.480	3507	3513	3518	rVB6	78591	162646	2.25%	0.201%
90	23.850	3568	3576	3580	rBV2	347049	714803	9.90%	0.881%
91	23.909	3580	3586	3594	rVB2	716741	1416275	19.62%	1.746%
92	24.238	3636	3642	3651	rVB4	63543	156933	2.17%	0.193%
93	25.072	3770	3784	3802	rVB3	1355240	4270551	59.16%	5.265%
94	25.231	3802	3811	3813	rBV8	93937	216371	3.00%	0.267%
95	25.307	3815	3824	3838	rVB2	921836	2867853	39.73%	3.535%
96	26.418	4005	4013	4031	rVB7	97148	311296	4.31%	0.384%
97	27.481	4187	4194	4209	rVB9	91925	344653	4.77%	0.425%
98	27.845	4245	4256	4268	rVB8	119531	466828	6.47%	0.575%
99	28.368	4342	4345	4348	rBV5	16693	25321	0.35%	0.031%
100	29.579	4542	4551	4562	rVB7	51991	212464	2.94%	0.262%

Sum of corrected areas: 81118968

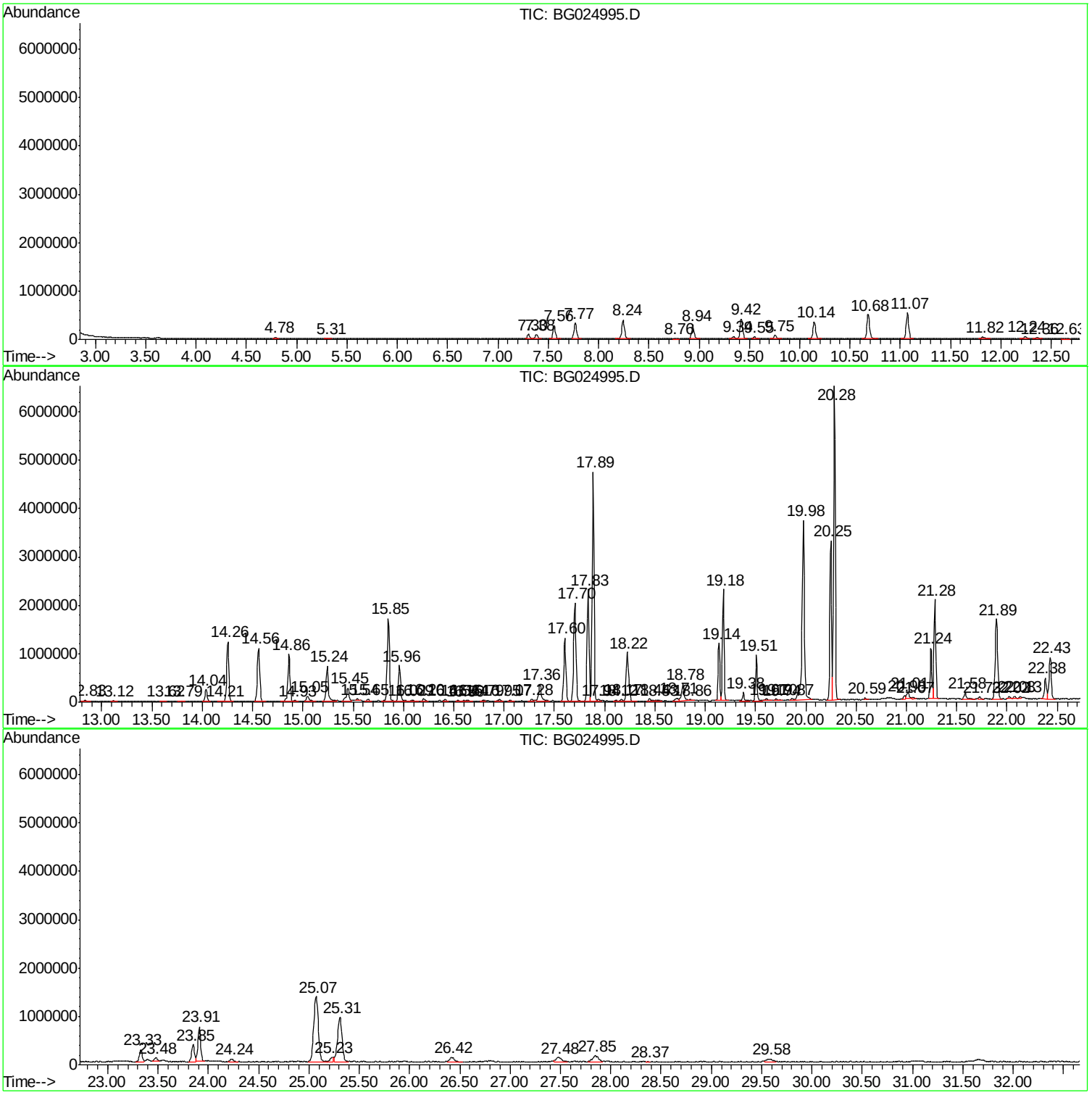
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
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Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

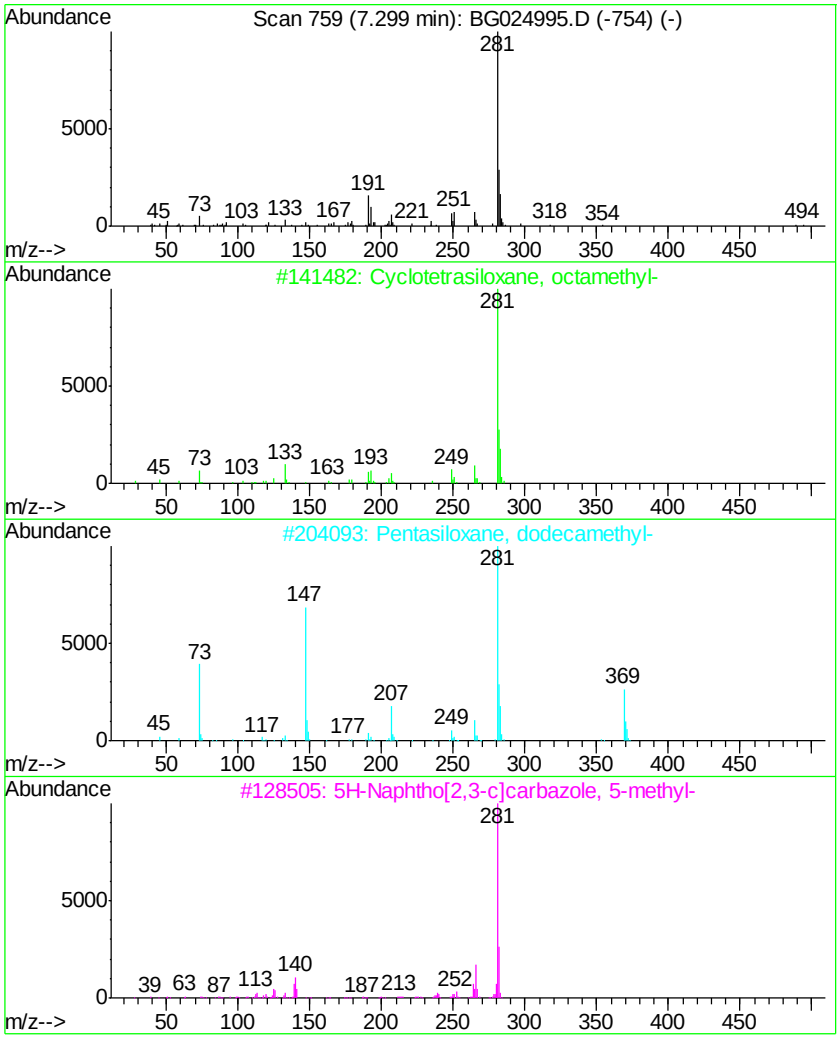
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

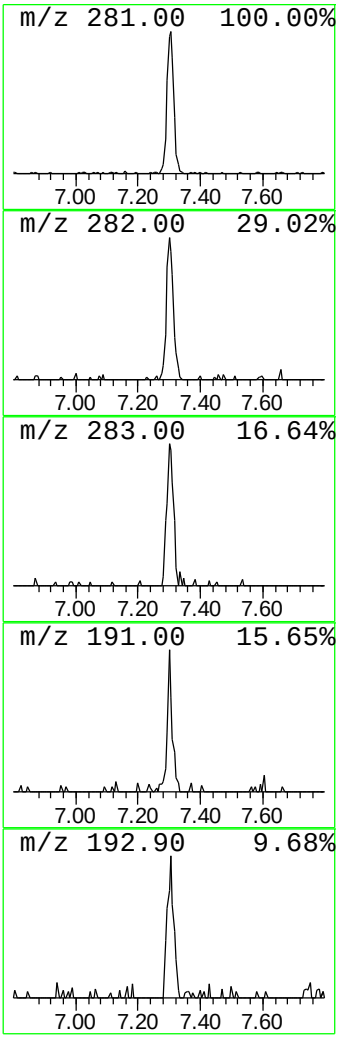
****

Peak Number 1 Cyclotetrasiloxane, octamet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	4.43 ng/ul	157842	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	72
3	5H-Naphtho[2,3-c]carbazole, 5-me...	281	C21H15N	100025-44-3	53
4	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	53
5	11H-Dibenzo[b,e][1,4]diazepin-11...	281	C17H19N3O	013450-70-9	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

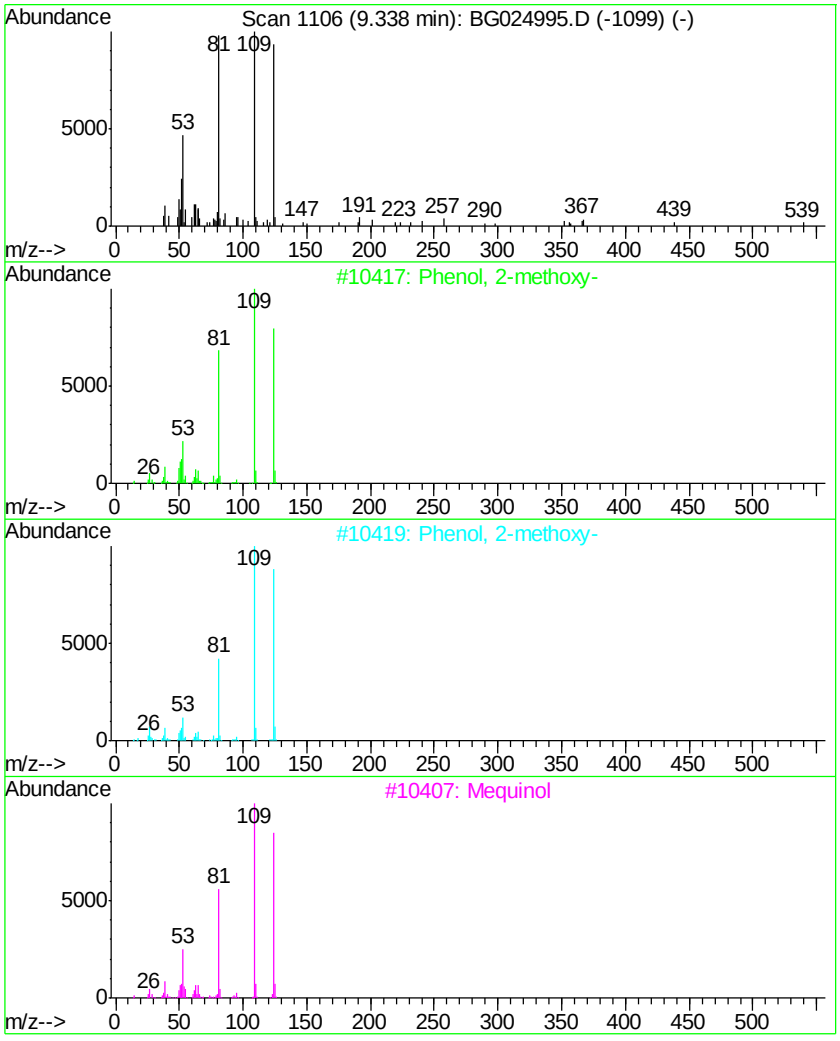
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

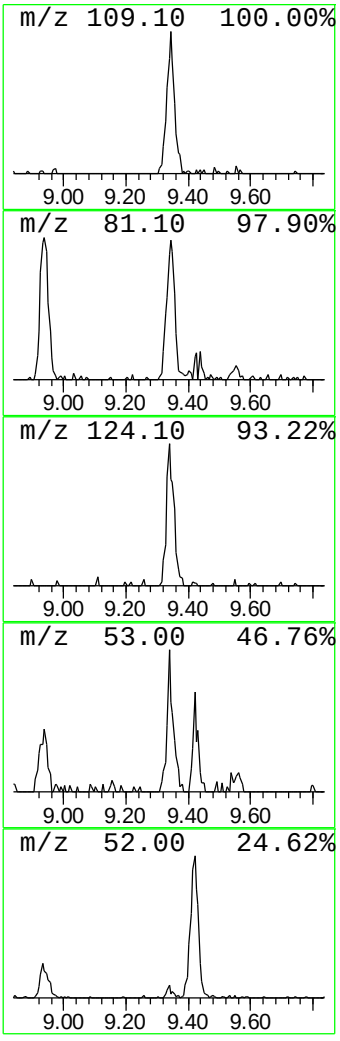
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.78 ng/ul	98978	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	74
3	Mequinol	124	C7H8O2	000150-76-5	64
4	Mequinol	124	C7H8O2	000150-76-5	46
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
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Sample : H5843-06
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

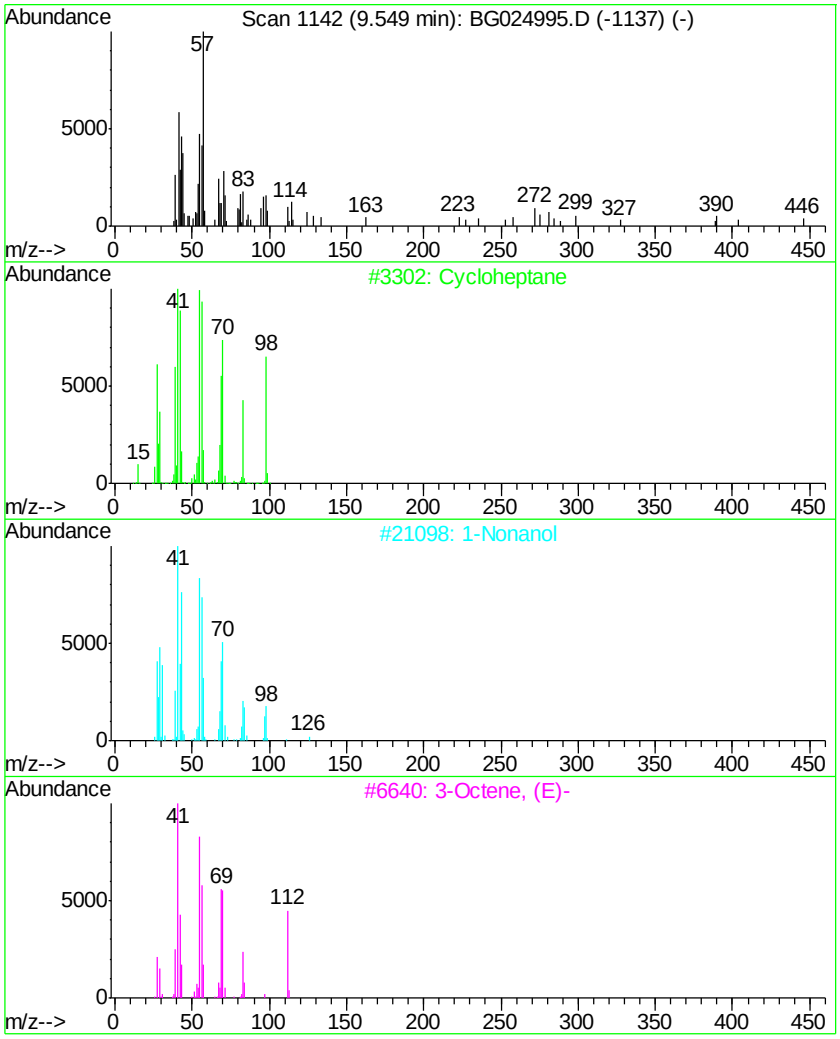
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

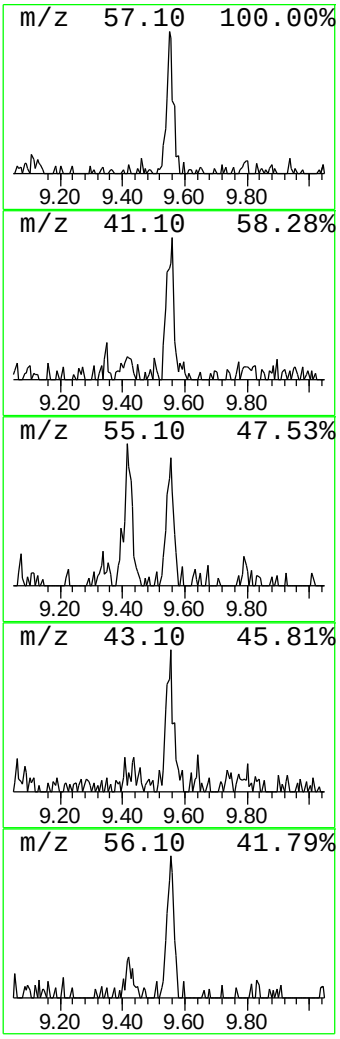
****

Peak Number 3 (DEL) Alkane: Cyclic9.55 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.19 ng/ul	78042	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane	98	C7H14	000291-64-5	30
2	1-Nonanol	144	C9H20O	000143-08-8	27
3	3-Octene, (E)-	112	C8H16	014919-01-8	27
4	2-Heptene	98	C7H14	000592-77-8	27
5	1-Heptene	98	C7H14	000592-76-7	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

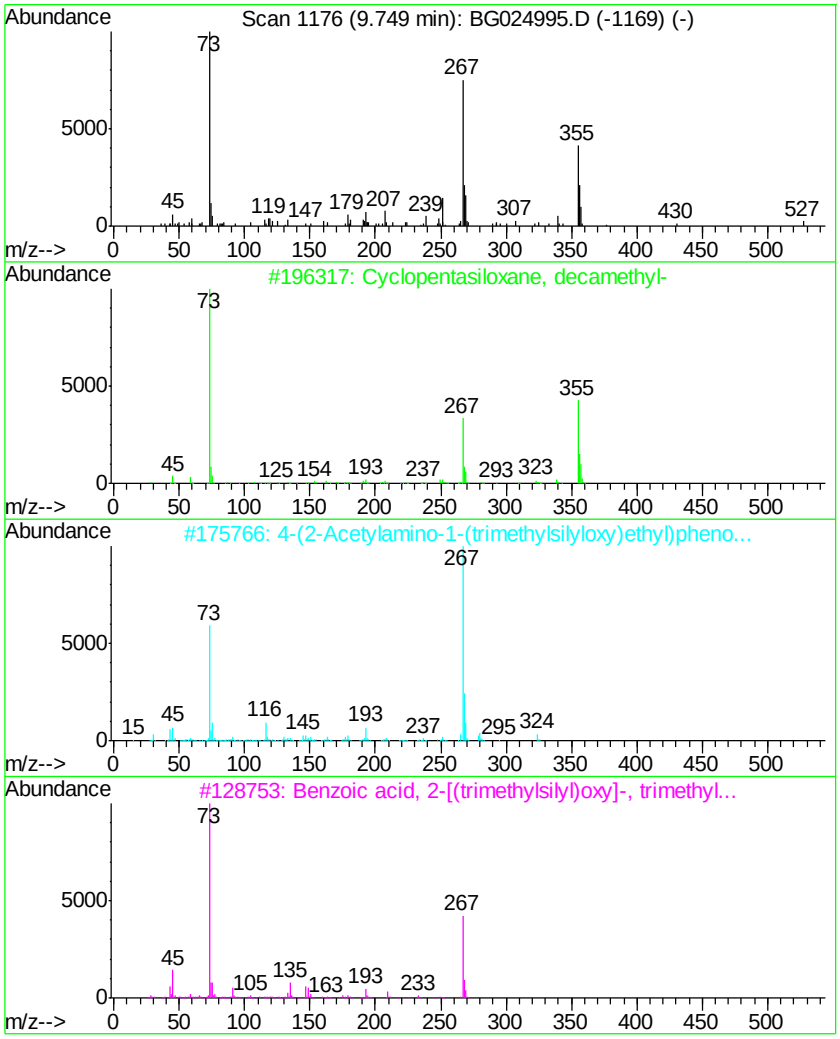
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

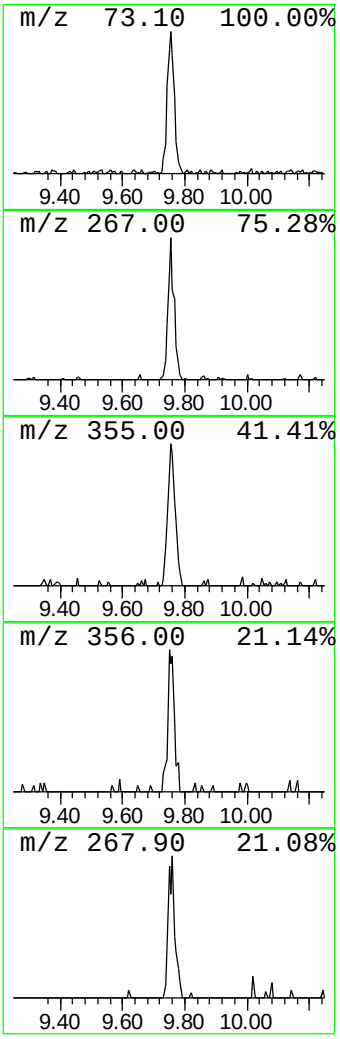
****

Peak Number 4 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	3.01 ng/ul	151191	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
2	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	47
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	47
4	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	38
5	Benzonitrile, 2-(2-hydroxy-5-nit...	267	C14H9N3O3	303768-30-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

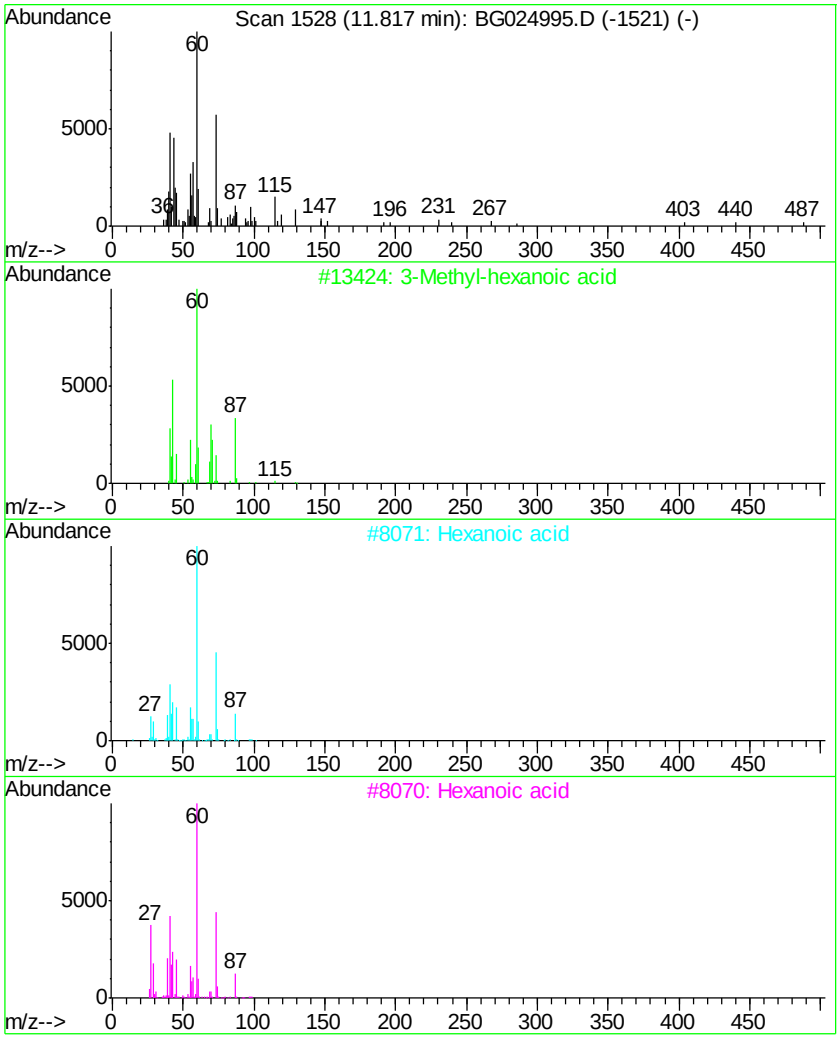
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

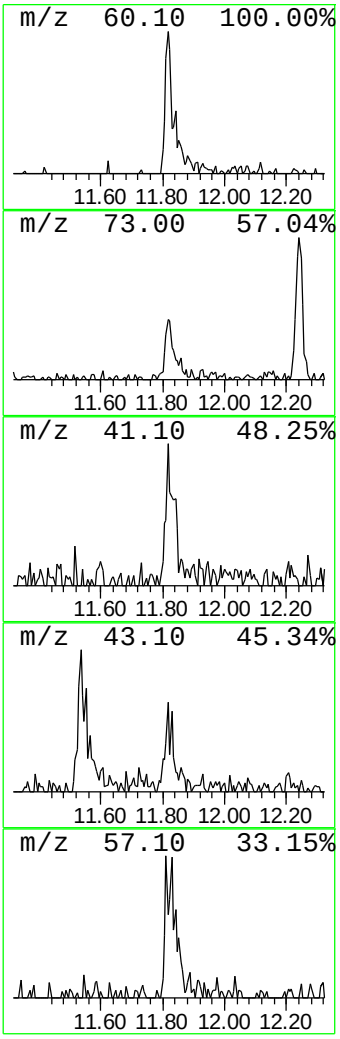
****

Peak Number 5 3-Methyl-hexanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.03 ng/ul	102018	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	59
2	Hexanoic acid	116	C6H12O2	000142-62-1	53
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Octanoic acid	144	C8H16O2	000124-07-2	50
5	Hexanoic acid	116	C6H12O2	000142-62-1	42





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Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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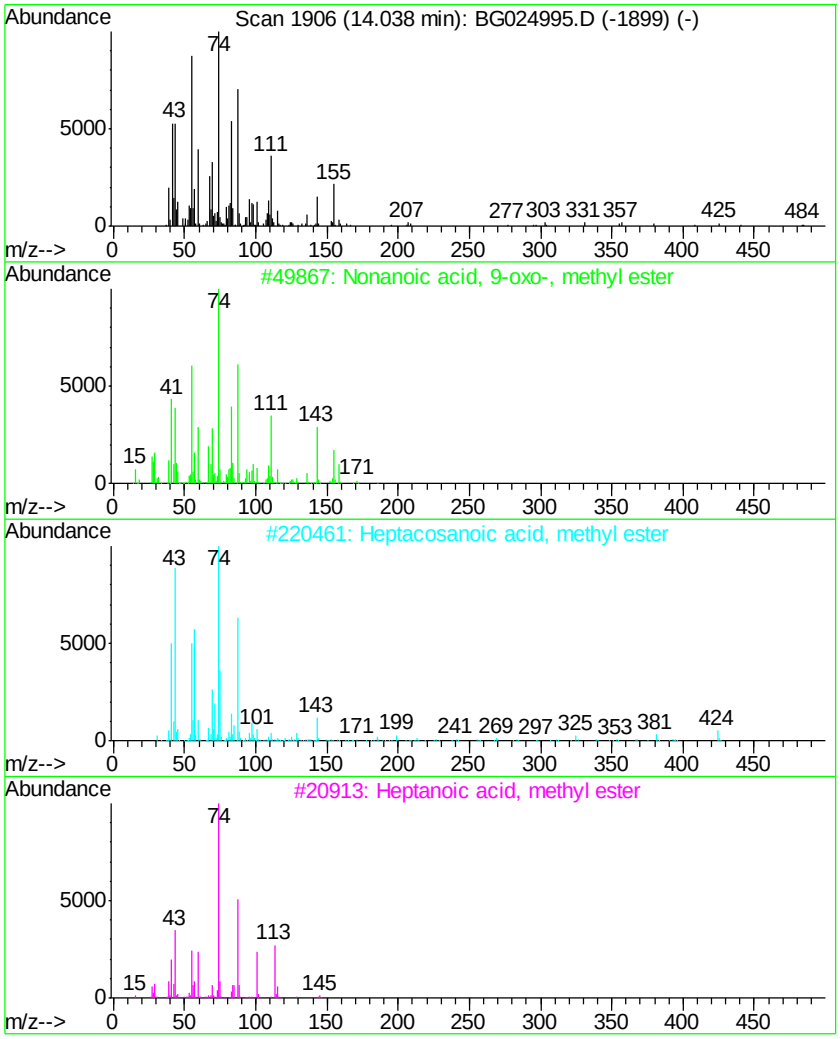
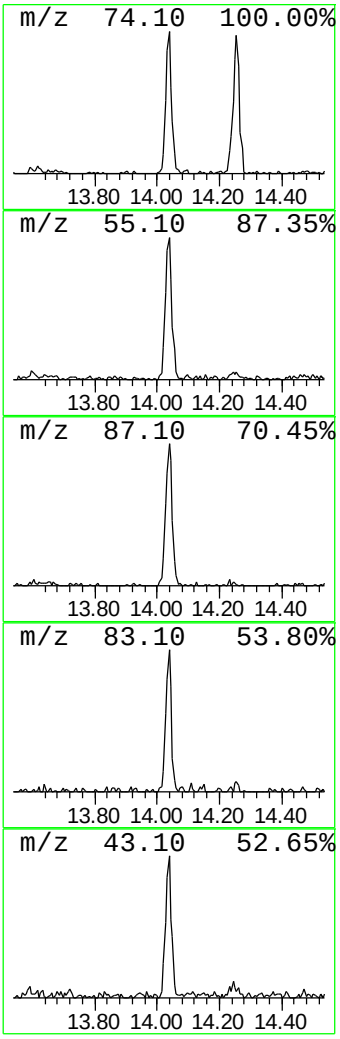
Peak Number 6 Nonanoic acid, 9-oxo-, meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.52 ng/ul	357854	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	64
2	Heptacosanoic acid, methyl ester	424	C28H56O2	055682-91-2	47
3	Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	46
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	43
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	43





Library Search Compound Report

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Sample : H5843-06
Misc :
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Instrument : BNA_G
ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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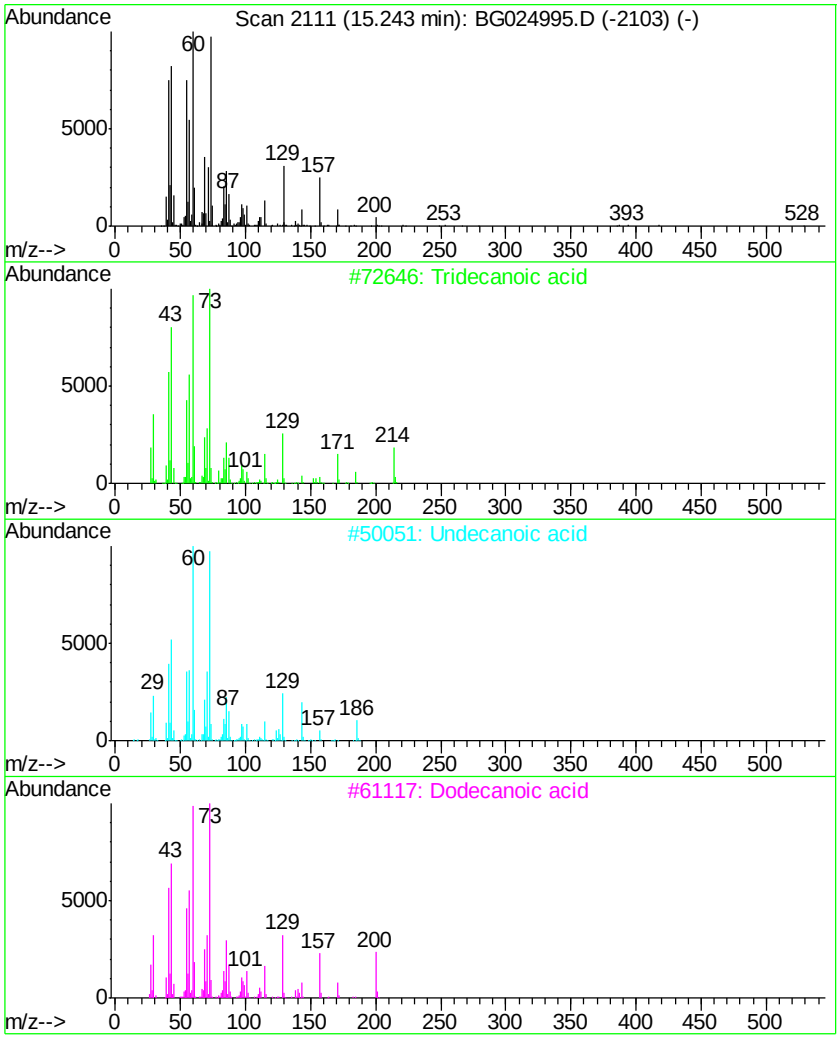
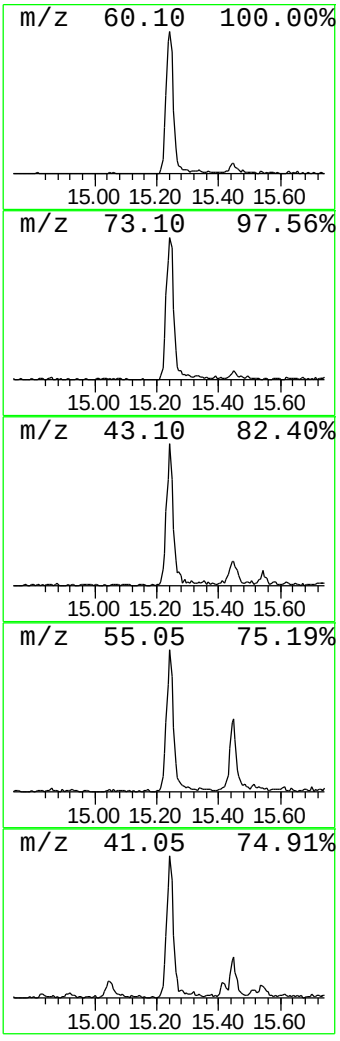
Peak Number 7 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	15.53 ng/ul	1228720	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	Undecanoic acid	186	C11H22O2	000112-37-8	86
3	Dodecanoic acid	200	C12H24O2	000143-07-7	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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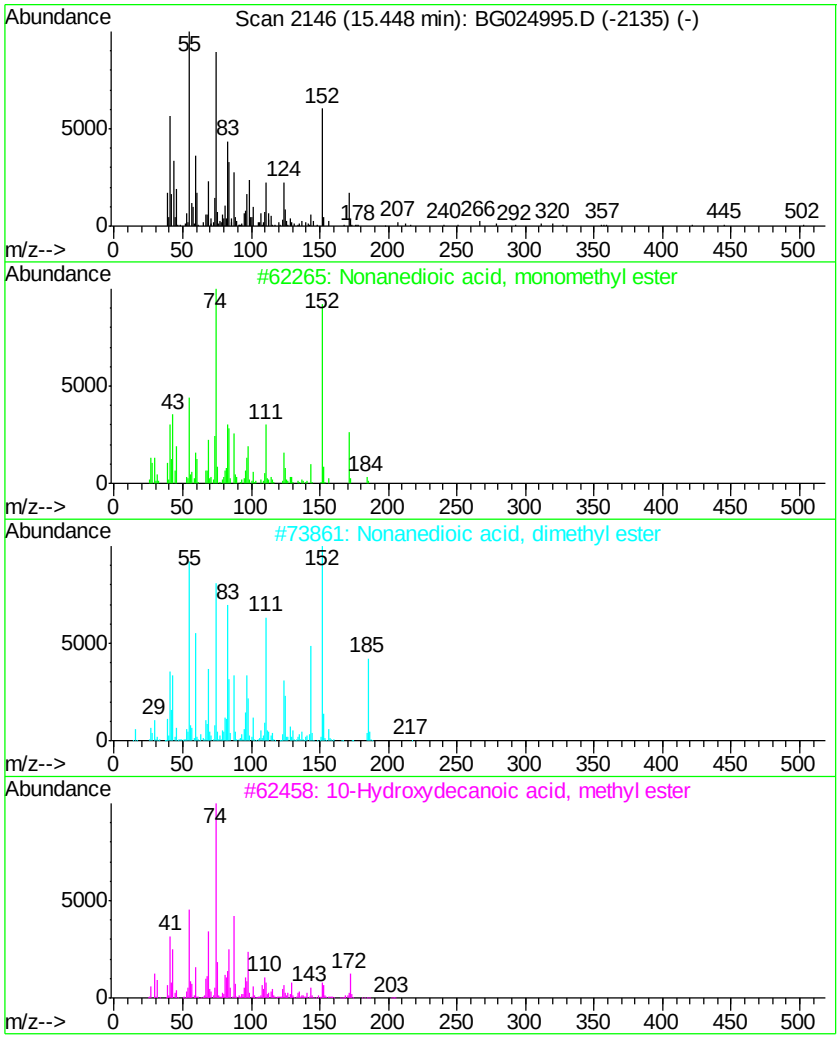
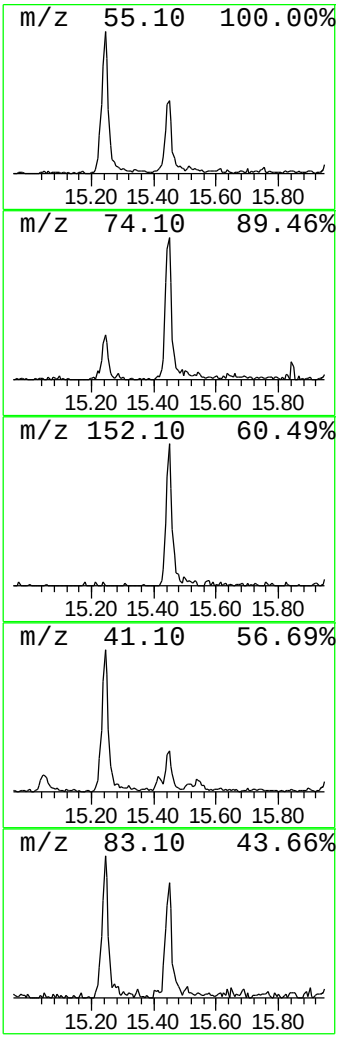
Peak Number 8 Nonanedioic acid, monomethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	6.39 ng/ul	505425	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanedioic acid, monomethyl ester	202	C10H18O4	002104-19-0	53
2	Nonanedioic acid, dimethyl ester	216	C11H20O4	001732-10-1	43
3	10-Hydroxydecanoic acid, methyl ...	202	C11H22O3	002640-94-0	38
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	30
5	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	27





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ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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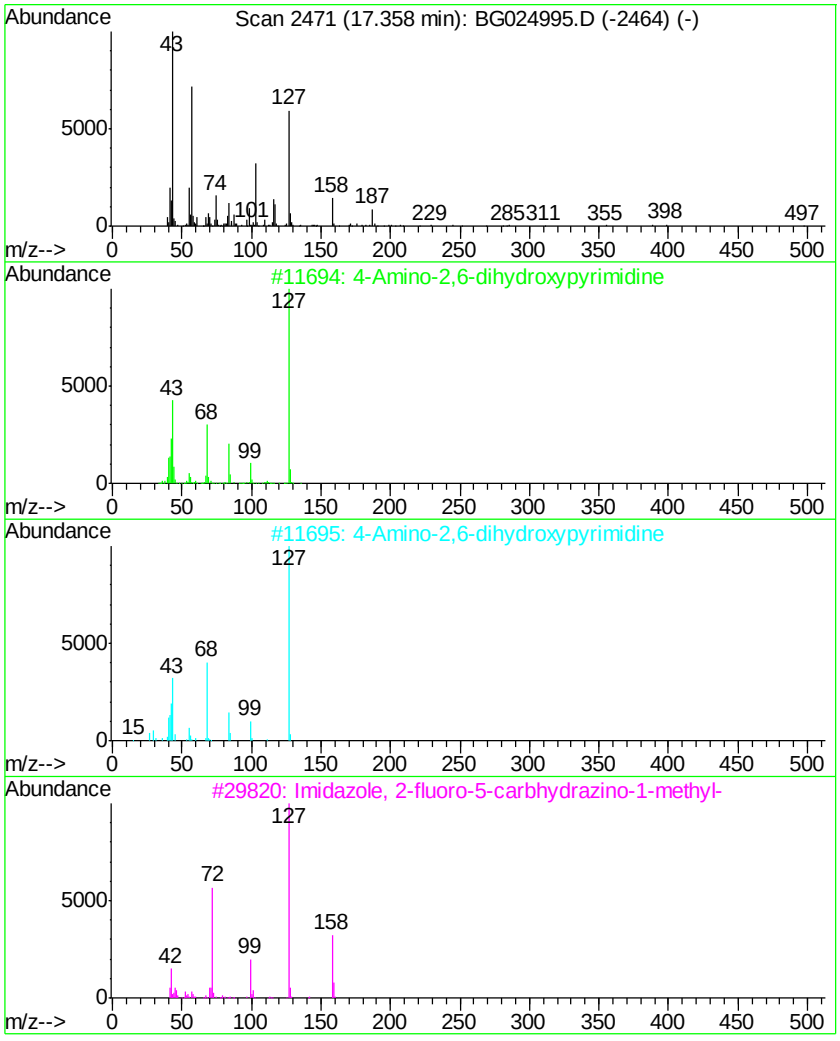
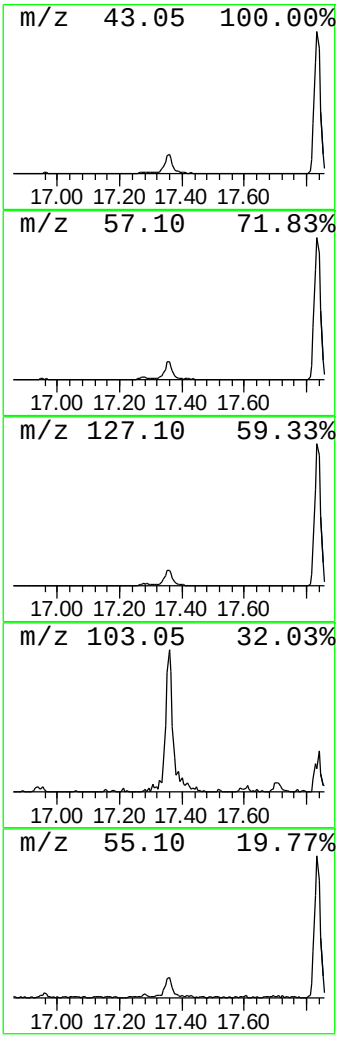
Peak Number 9 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	6.07 ng/ul	622413	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	38
2	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	38
3	Imidazole, 2-fluoro-5-carbhydraz...	158	C5H7FN4O	1000129-58-0	35
4	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	35
5	Diethylmalonic acid, 3,4-difluor...	328	C17H22F2O4	1000369-32-3	32





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Sample : H5843-06
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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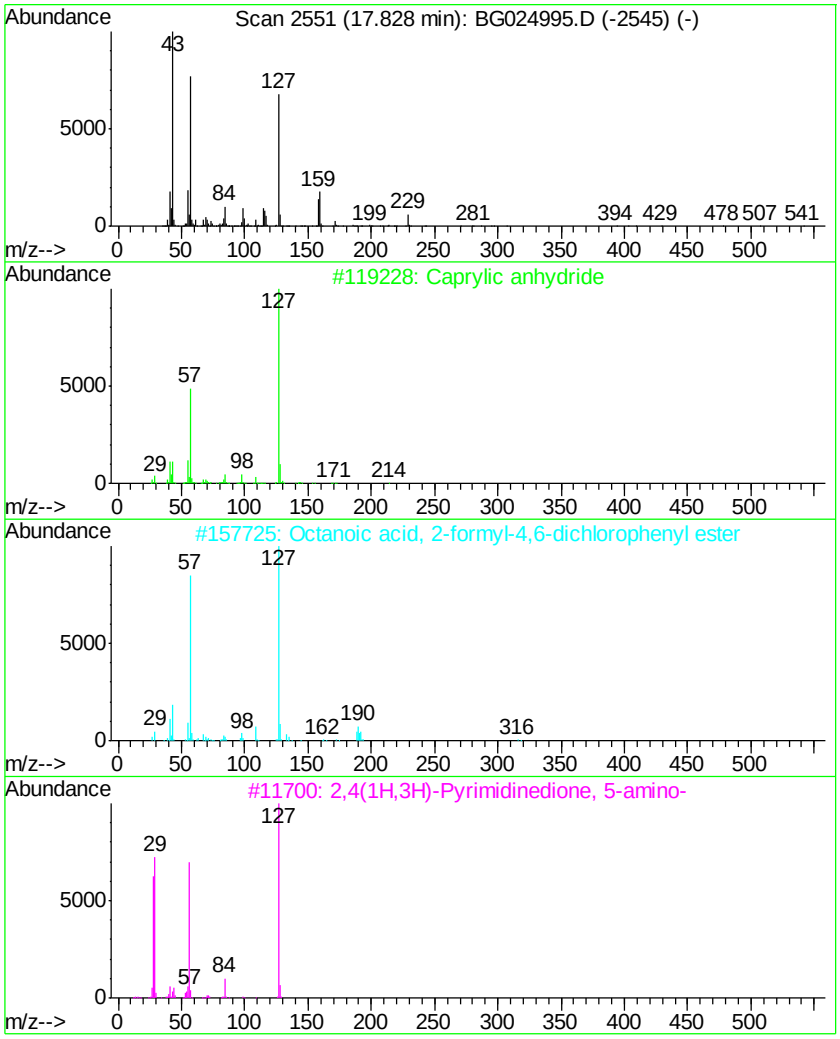
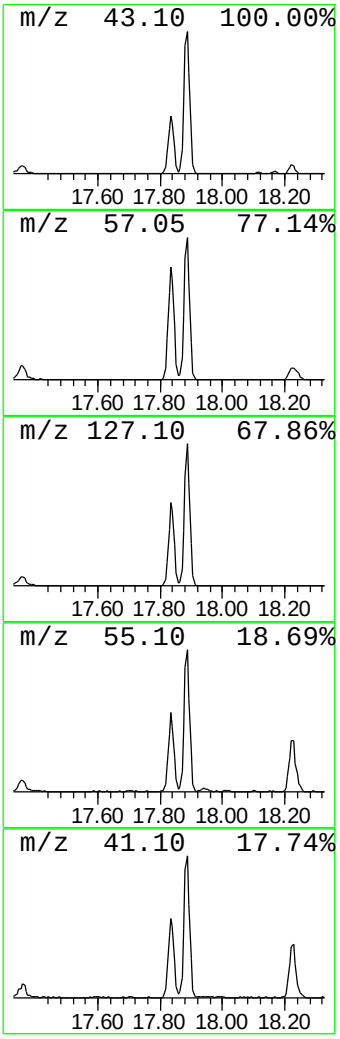
Peak Number 10 Caprylic anhydride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	29.60 ng/ul	3033640	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caprylic anhydride	270	C16H30O3	000623-66-5	59
2	Octanoic acid, 2-formyl-4,6-dich...	316	C15H18Cl2O3	1000330-95-4	50
3	2,4(1H,3H)-Pyrimidinedione, 5-am...	127	C4H5N3O2	000932-52-5	47
4	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	47
5	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	42





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ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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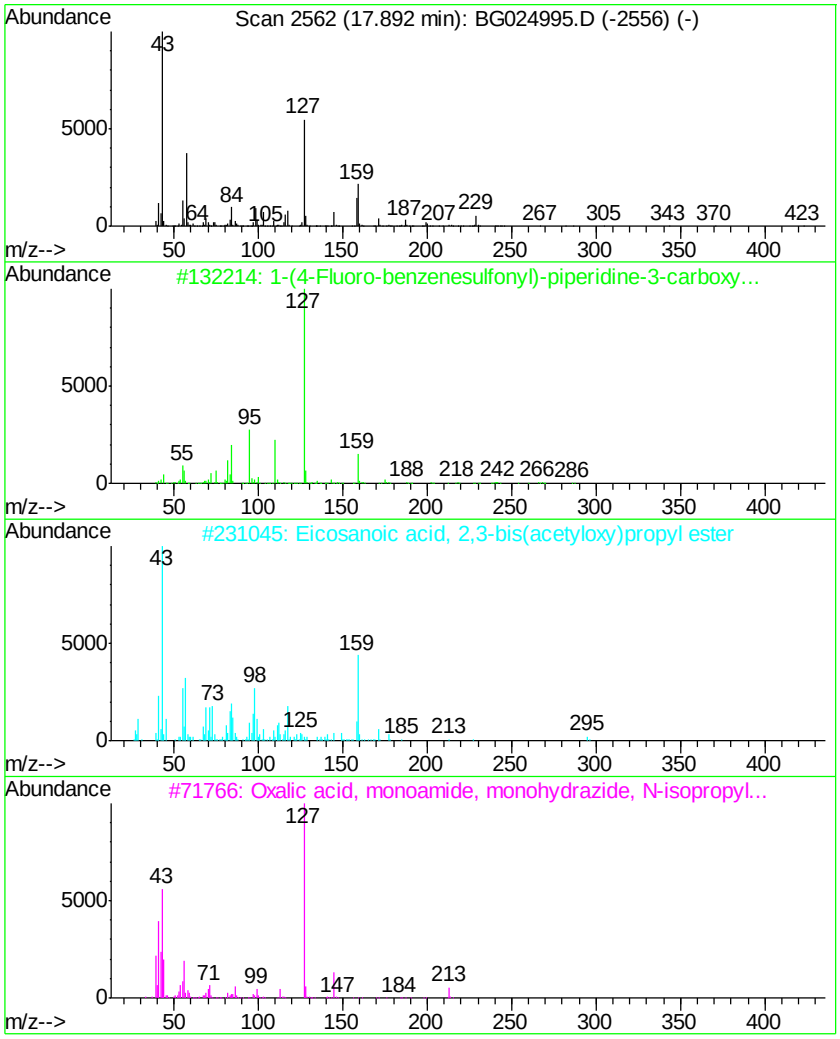
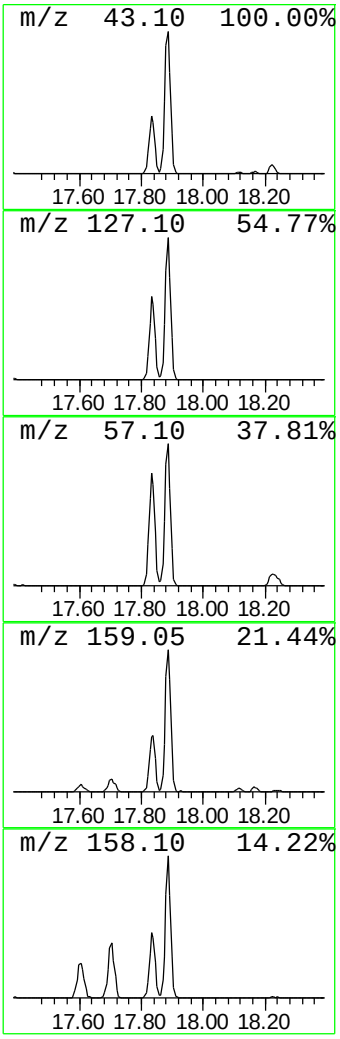
Peak Number 11 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	57.02 ng/ul	5842990	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	37
2	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	35
3	Oxalic acid, monoamide, monohydr...	213	C10H19N3O2	1000265-20-0	27
4	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	333416-20-9	25
5	Octanoic acid, 3-pentadecyl ester	354	C23H46O2	1000280-63-1	25





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Instrument : BNA_G
ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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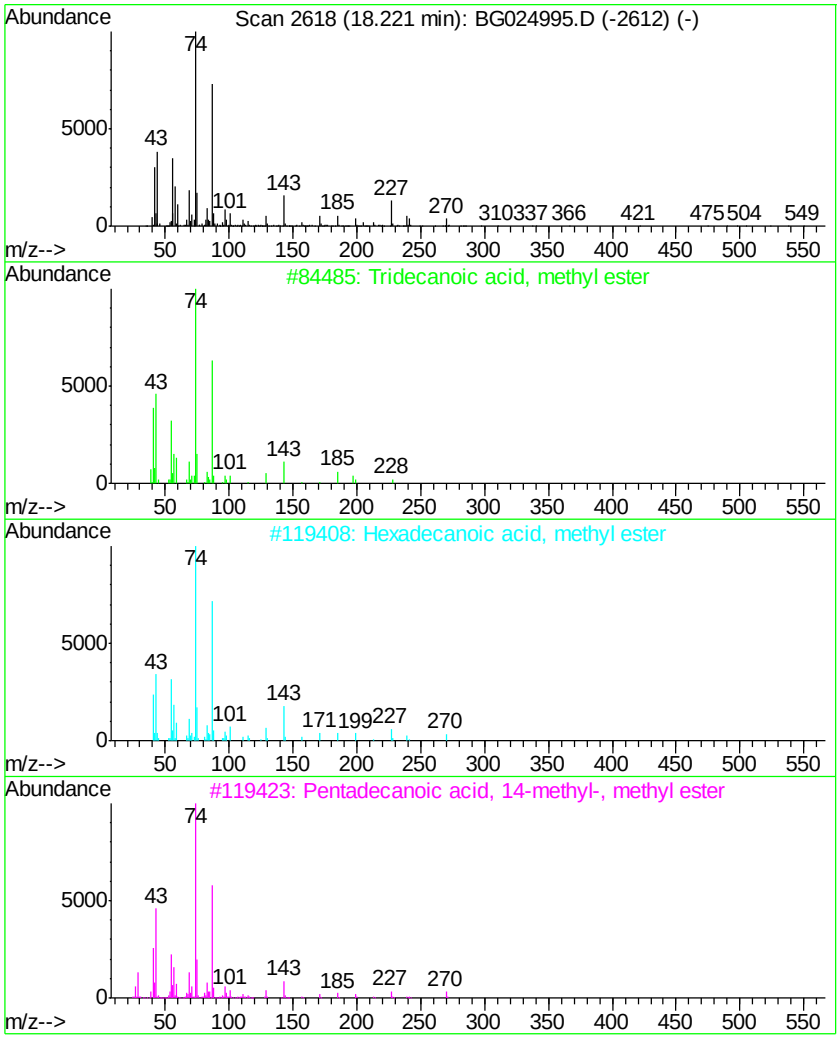
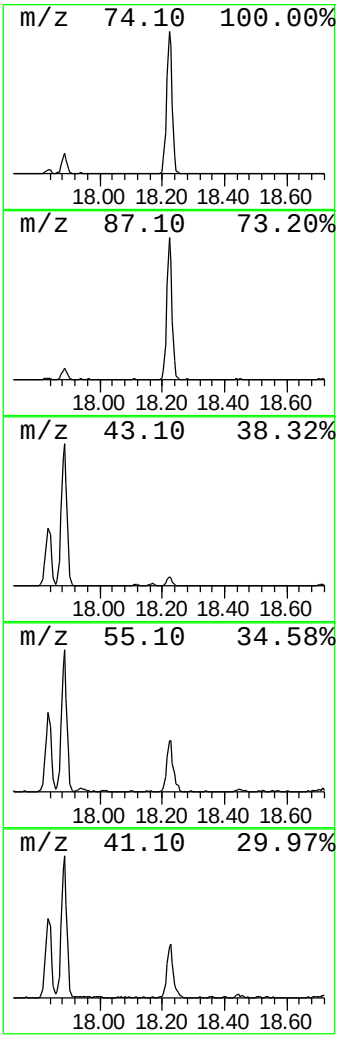
Peak Number 12 Tridecanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	16.70 ng/ul	1711490	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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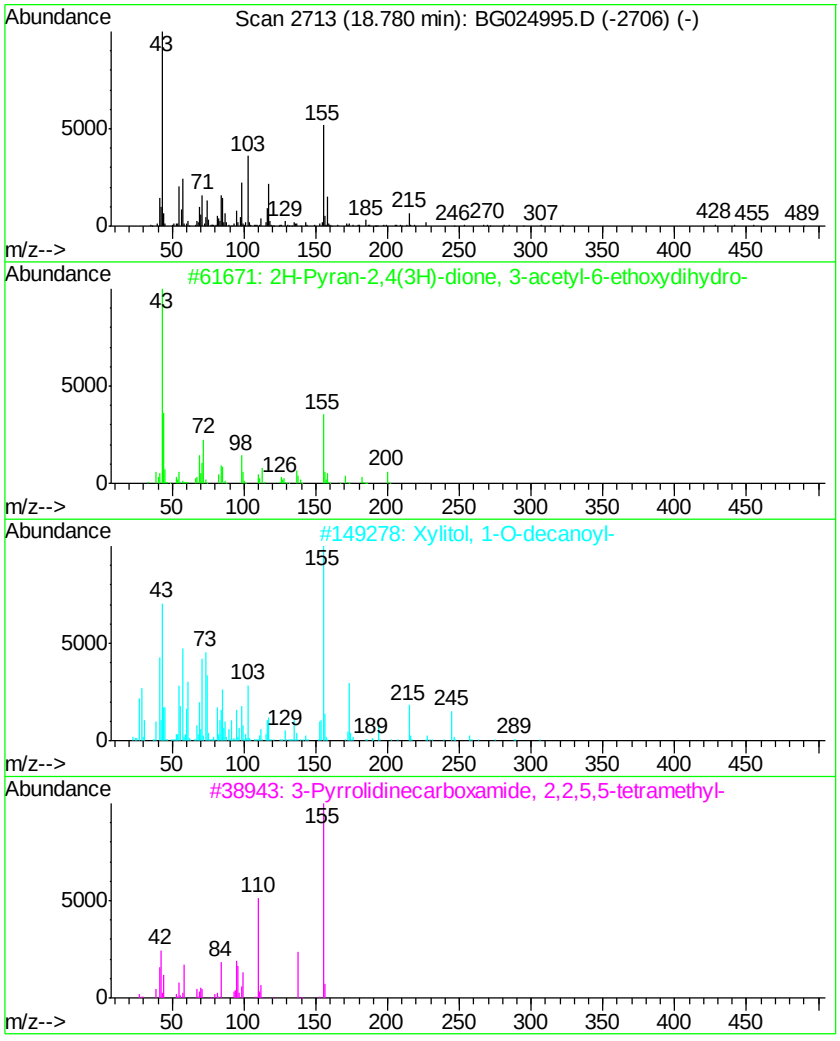
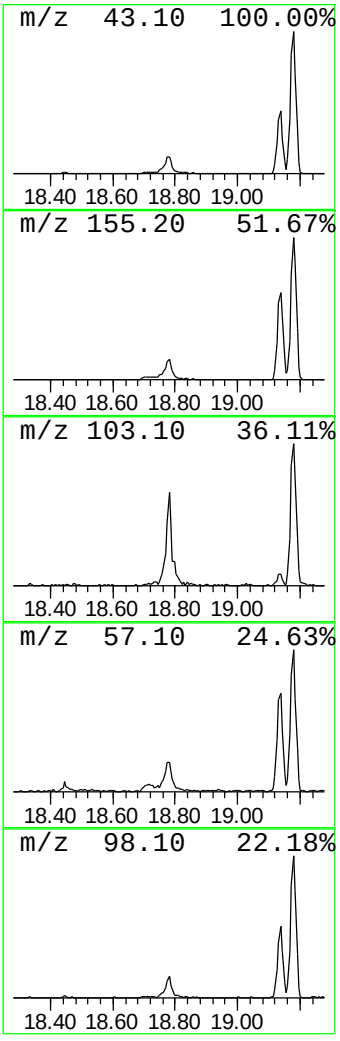
Peak Number 13 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	6.31 ng/ul	646263	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2,4(3H)-dione, 3-acetyl...	200	C9H12O5	1000318-74-8	28
2	Xylitol, 1-O-decanoyl-	306	C15H30O6	1000155-78-0	25
3	3-Pyrrolidinecarboxamide, 2,2,5,...	170	C9H18N2O	000702-96-5	22
4	Fumaric acid, butyl isobutyl ester	228	C12H20O4	1000330-37-3	17
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	14





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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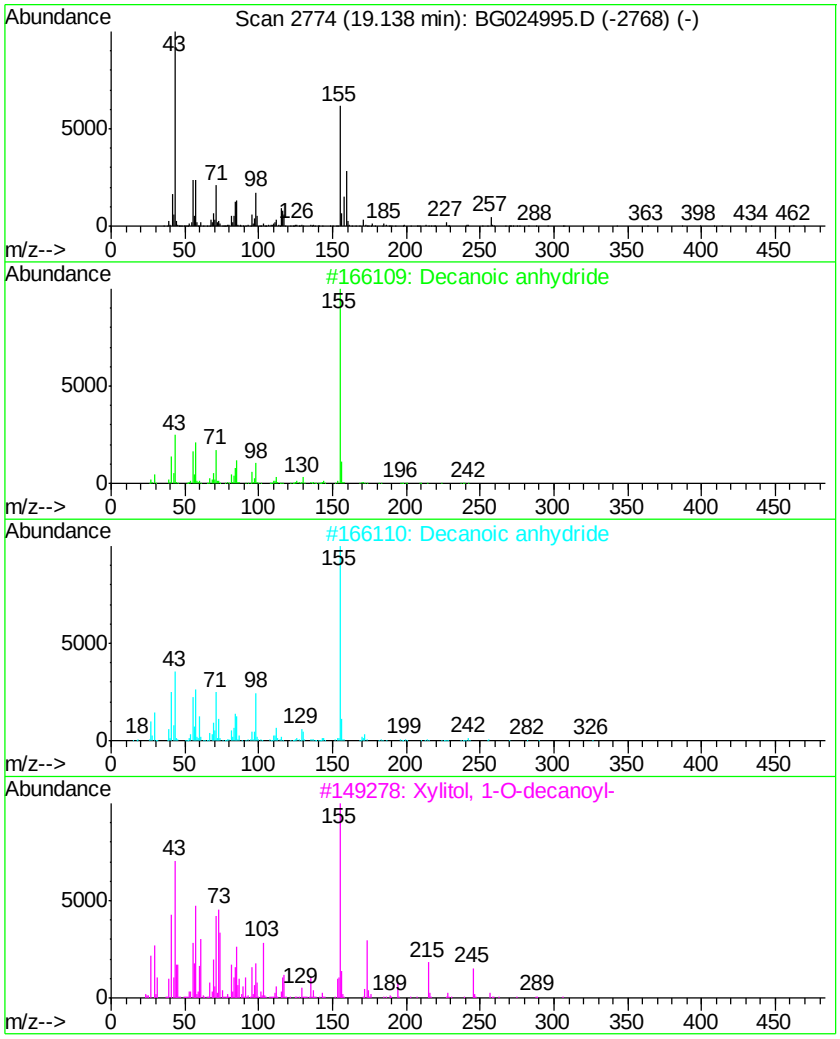
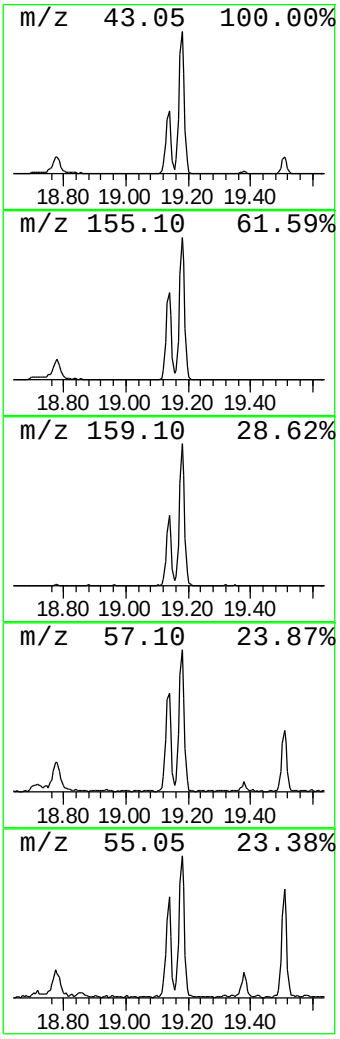
Peak Number 14 unknown-05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	14.02 ng/ul	1437030	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	47
2	Decanoic anhydride	326	C20H38O3	002082-76-0	42
3	Xylitol, 1-O-decanoyl-	306	C15H30O6	1000155-78-0	42
4	Decanoic acid, 2,3-dihydroxyprop...	246	C13H26O4	002277-23-8	38
5	Fumaric acid, isobutyl 2-methylp...	256	C14H24O4	1000348-72-1	32





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Quant Title : SVOA CALIBRATION

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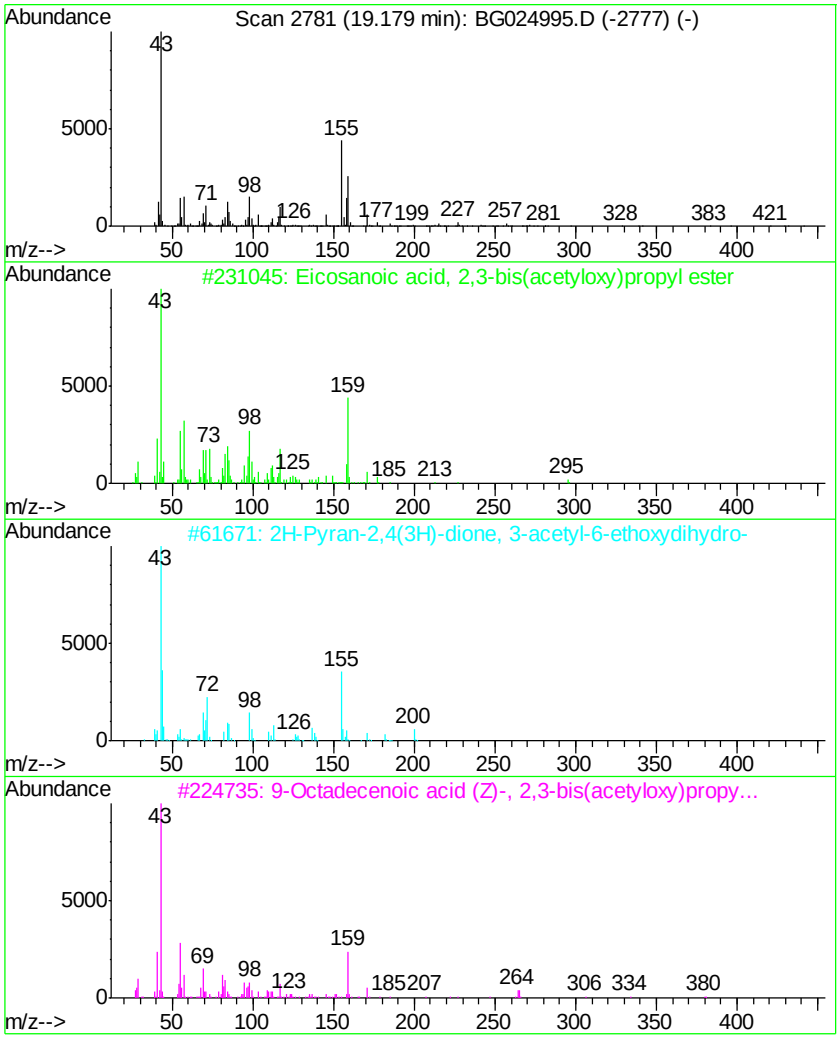
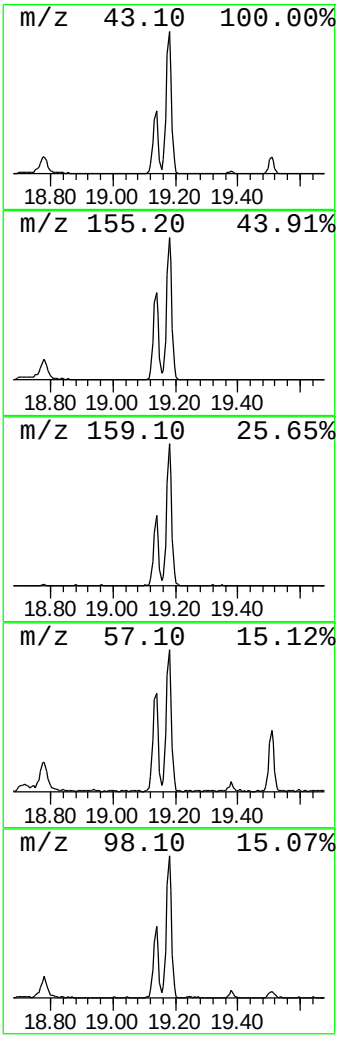
Peak Number 15 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	26.53 ng/ul	2718680	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	37
2	2H-Pyran-2,4(3H)-dione, 3-acetyl...	200	C9H12O5	1000318-74-8	28
3	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	12
4	Arabinopyranoside, methyl, 2,3-d...	402	C17H22O9S	029919-81-1	12
5	9,12,15-Octadecatrienoic acid, 2...	436	C25H40O6	055320-02-0	9





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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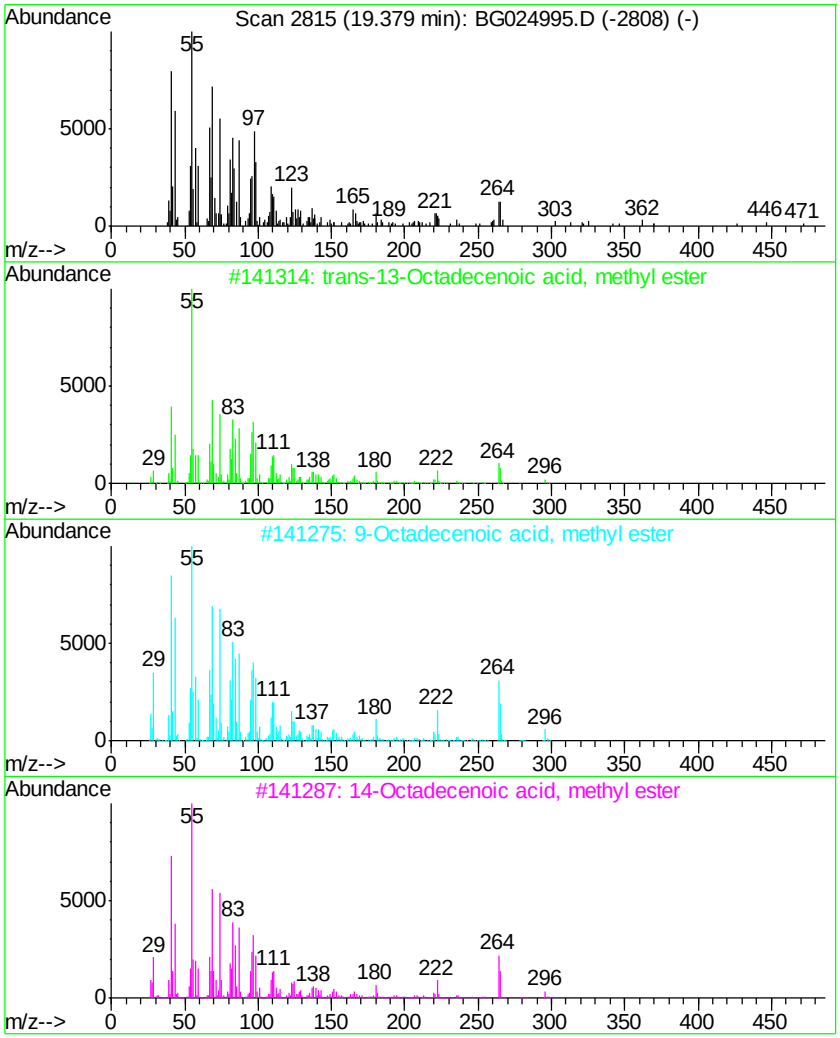
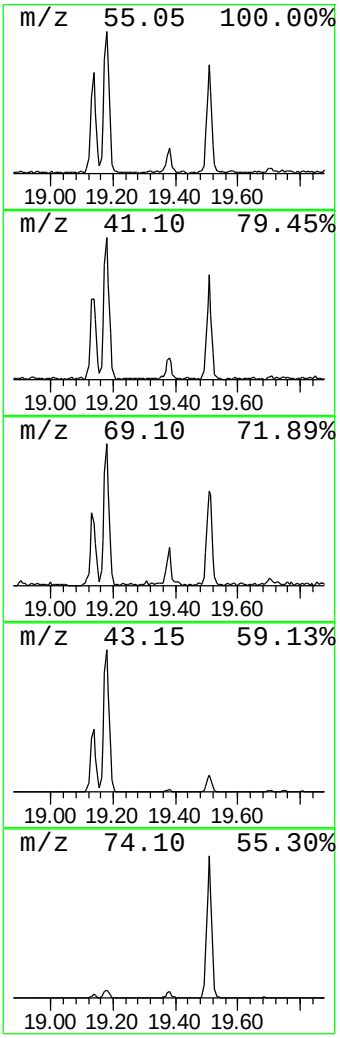
Peak Number 16 trans-13-Octadecenoic acid,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	2.31 ng/ul	237214	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	80
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	70
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	68
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	64
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	60





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Methyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	10.78 ng/ul	1105100	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Methyl stearate	298	C19H38O2	000112-61-8	97
3	Methyl stearate	298	C19H38O2	000112-61-8	97
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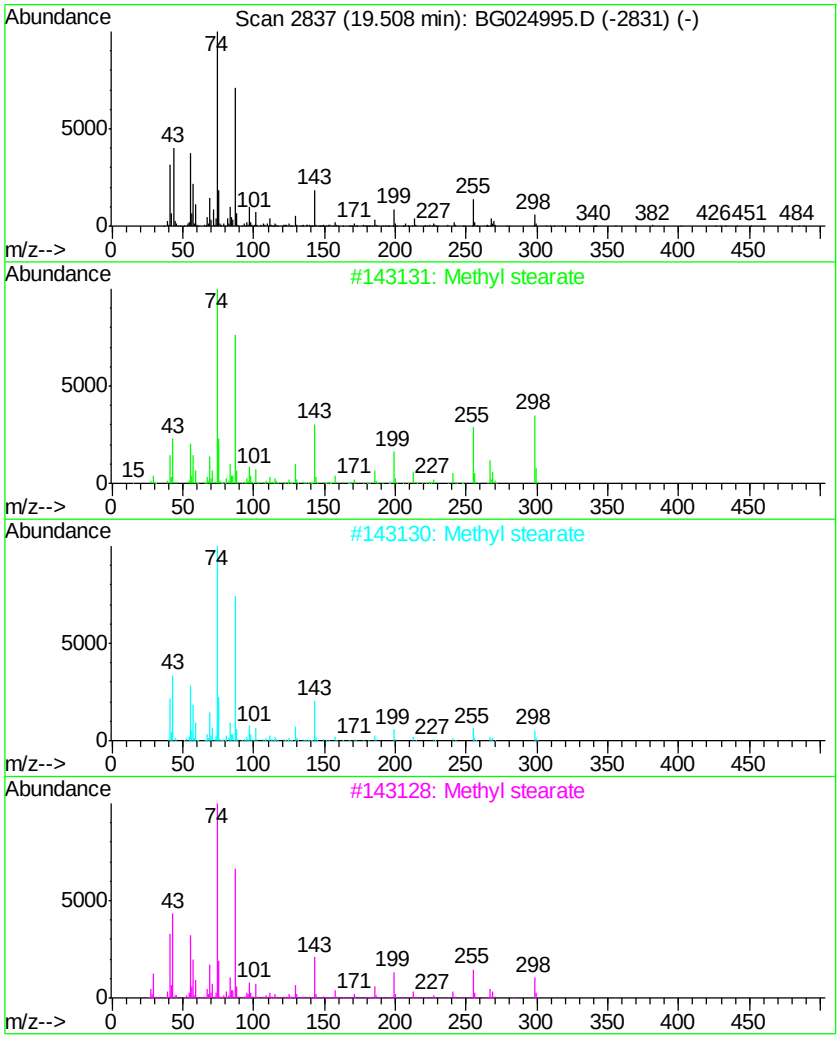
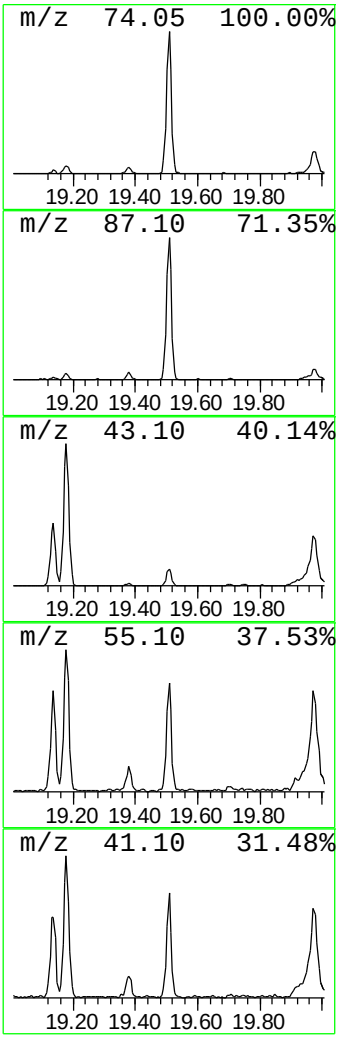
5	Methyl stearate	298	C19H38O2	000112-61-8	94





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Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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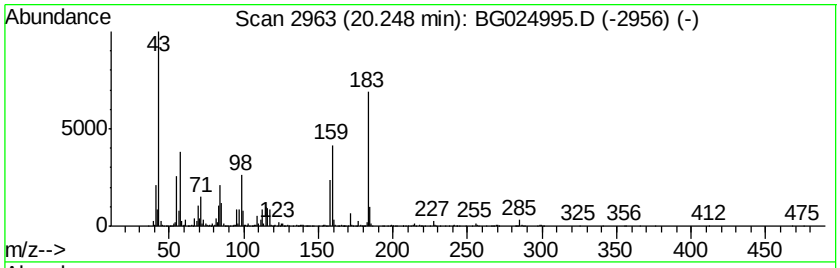
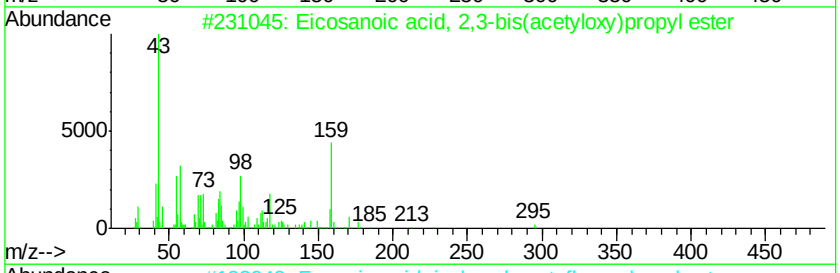
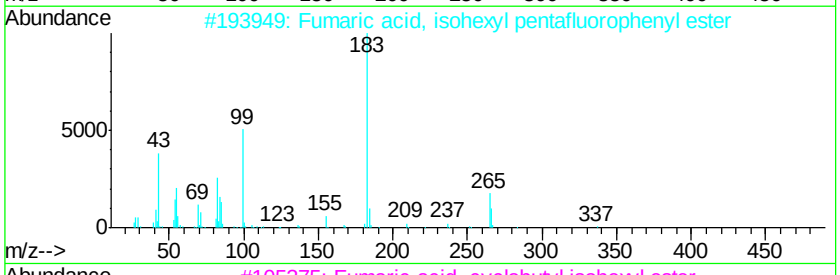
Peak Number 18 unknown-07 Concentration Rank 4

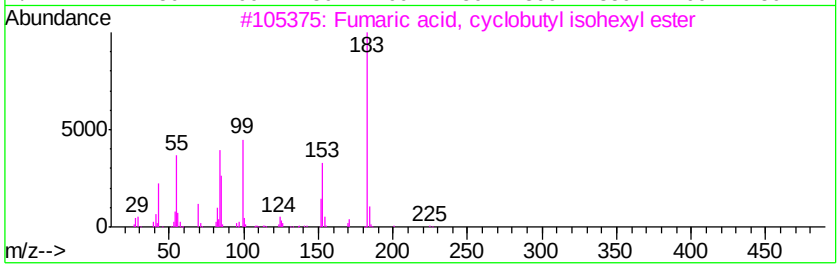
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	29.13 ng/ul	4073110	Chrysene-d12	21.89

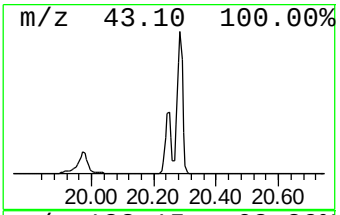
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	32
2	Fumaric acid, isohexyl pentafluo...	366	C16H15F5O4	1000348-09-7	27
3	Fumaric acid, cyclobutyl isohexy...	254	C14H22O4	1000345-03-5	25
4	Lauric anhydride	382	C24H46O3	000645-66-9	25
5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	25

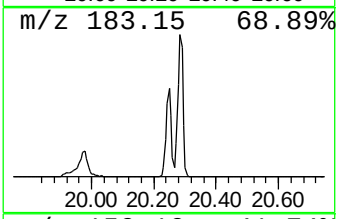


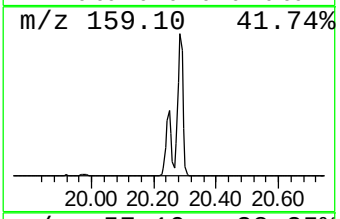


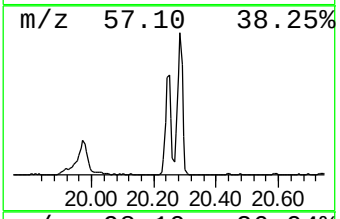


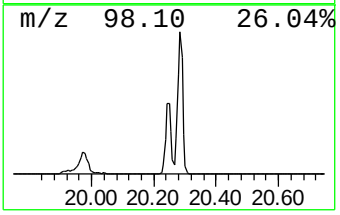












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Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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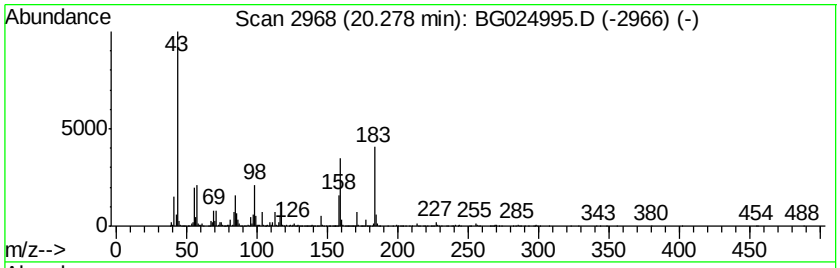
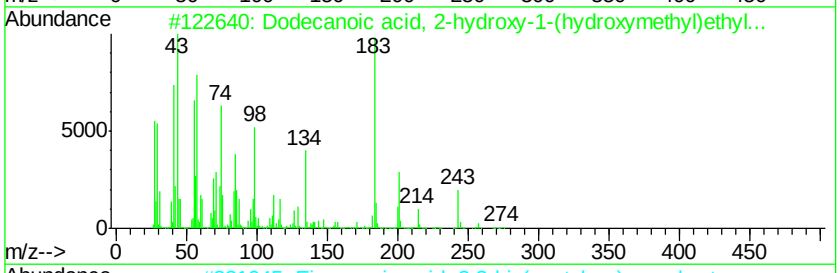
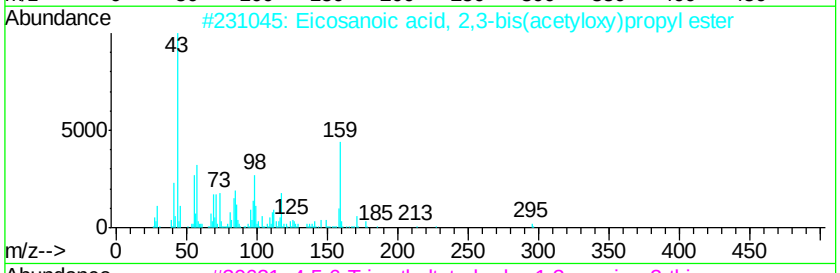
Peak Number 19 unknown-08 Concentration Rank 2

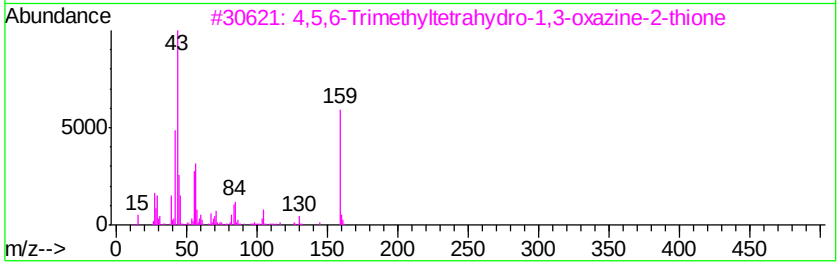
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	51.63 ng/ul	7218300	Chrysene-d12	21.89

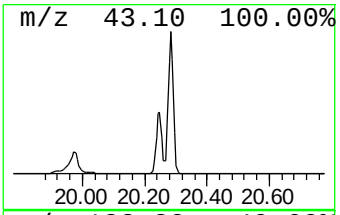
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	38
2	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	32
3	4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	22
4	3,5-Di-O-acetyl-1,4-anhydro-2-O-...	232	C10H16O6	1000357-23-2	17
5	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	12

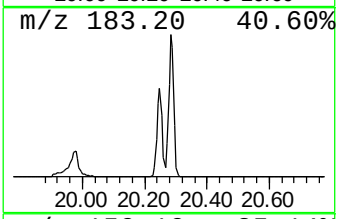


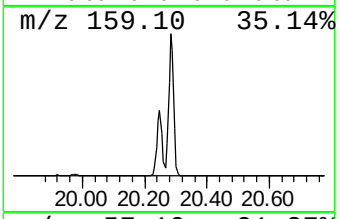


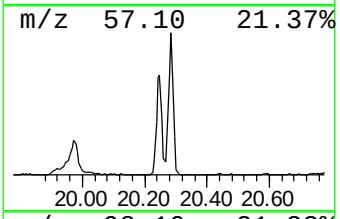


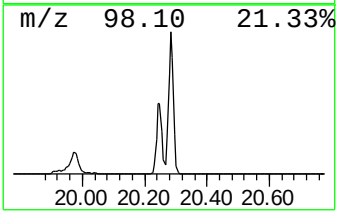












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Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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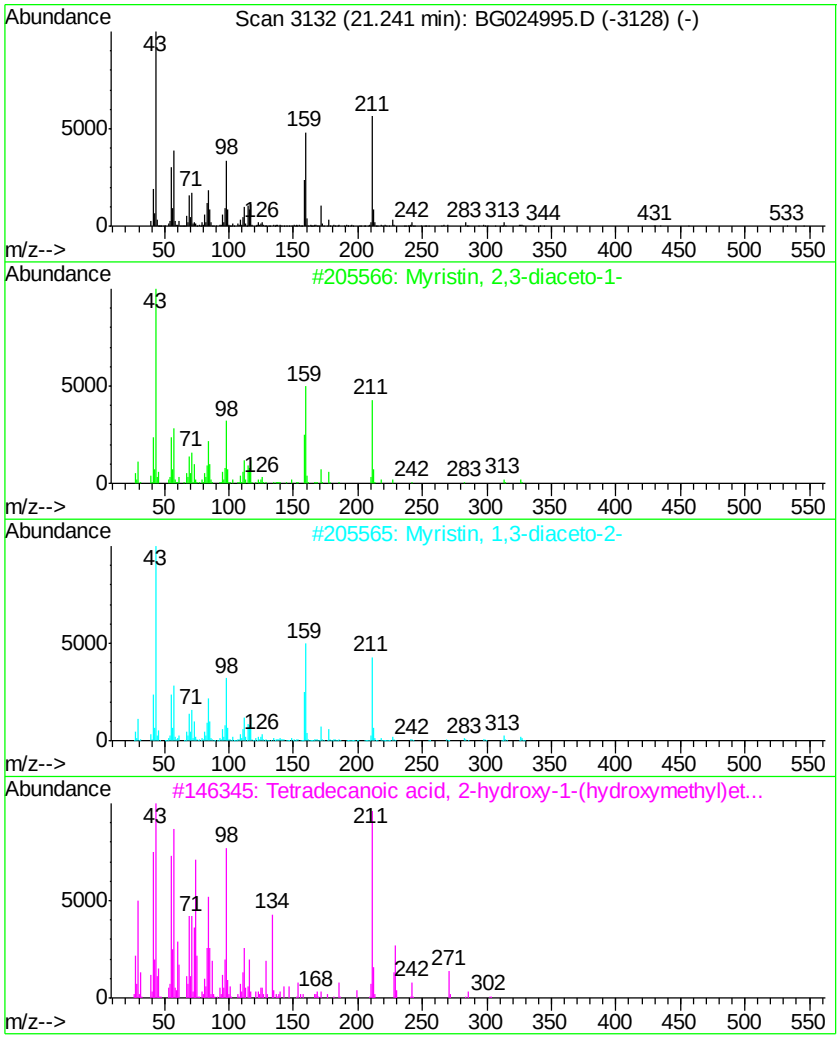
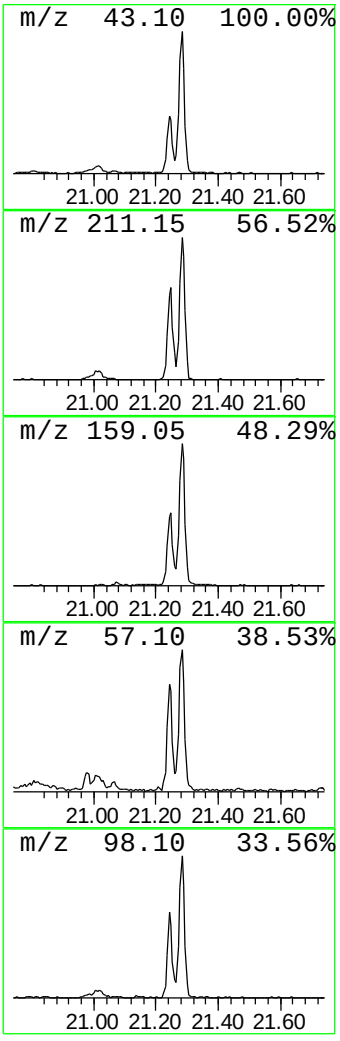
Peak Number 20 Myristin, 2,3-diaceto-1- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	9.82 ng/ul	1372610	Chrysene-d12	21.89

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	87
3	Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	27
4	6,7-Dihydro-2-dimethylamino-8-me...	211	C8H13N5O2	079845-30-0	22
5	1-Dodecanamine, N-methyl-N-nitroso-	228	C13H28N2O	055090-44-3	18





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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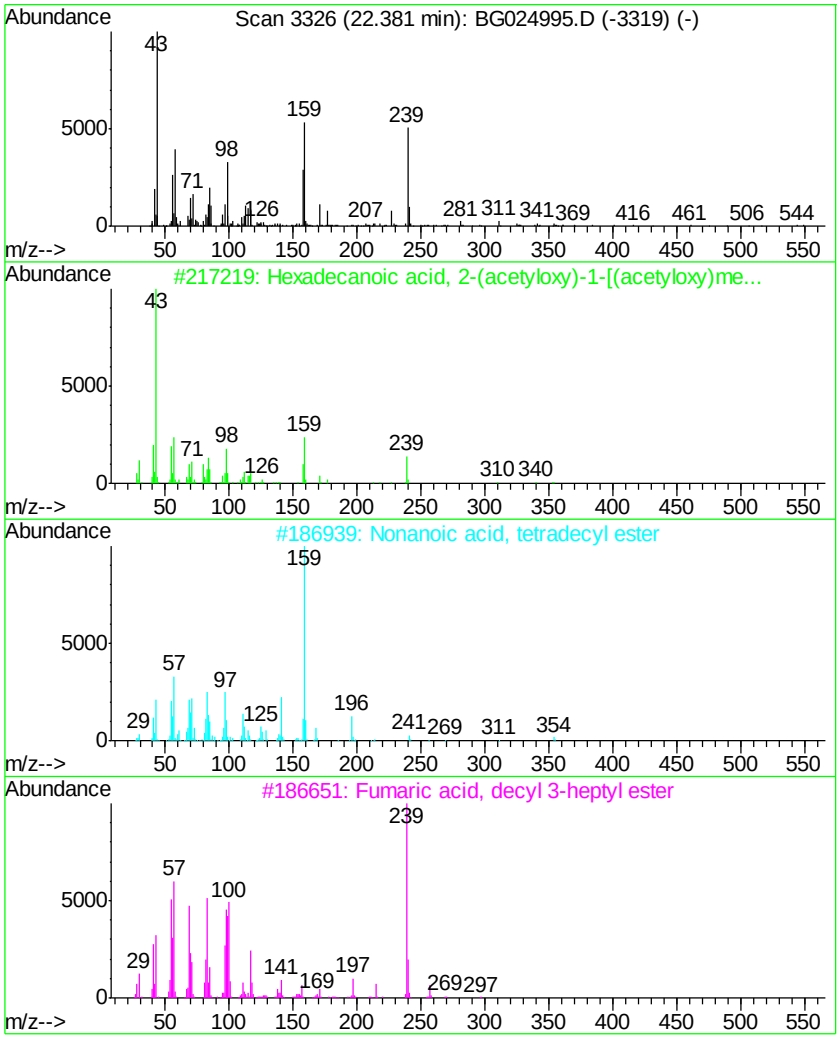
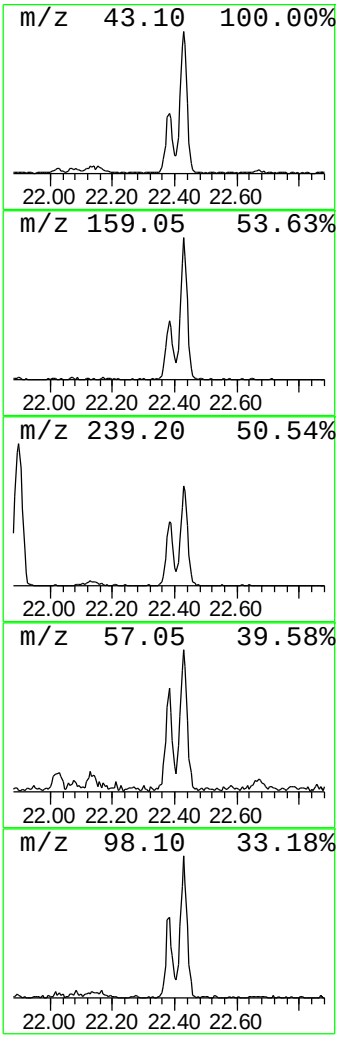
Peak Number 22 Hexadecanoic acid, 2-(acety... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	5.01 ng/ul	700072	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	86
2	Nonanoic acid, tetradecyl ester	354	C23H46O2	1000340-28-1	22
3	Fumaric acid, decyl 3-heptyl ester	354	C21H38O4	1000348-68-7	22
4	2,5-Difluorobenzoic acid, tetrad...	354	C21H32F2O2	1000338-81-3	22
5	1,4-Bis[methyl(tetramethylene)si...	286	C14H30O2Si2	1000216-99-8	22





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Instrument : BNA_G
ClientSampleId : C0AH6

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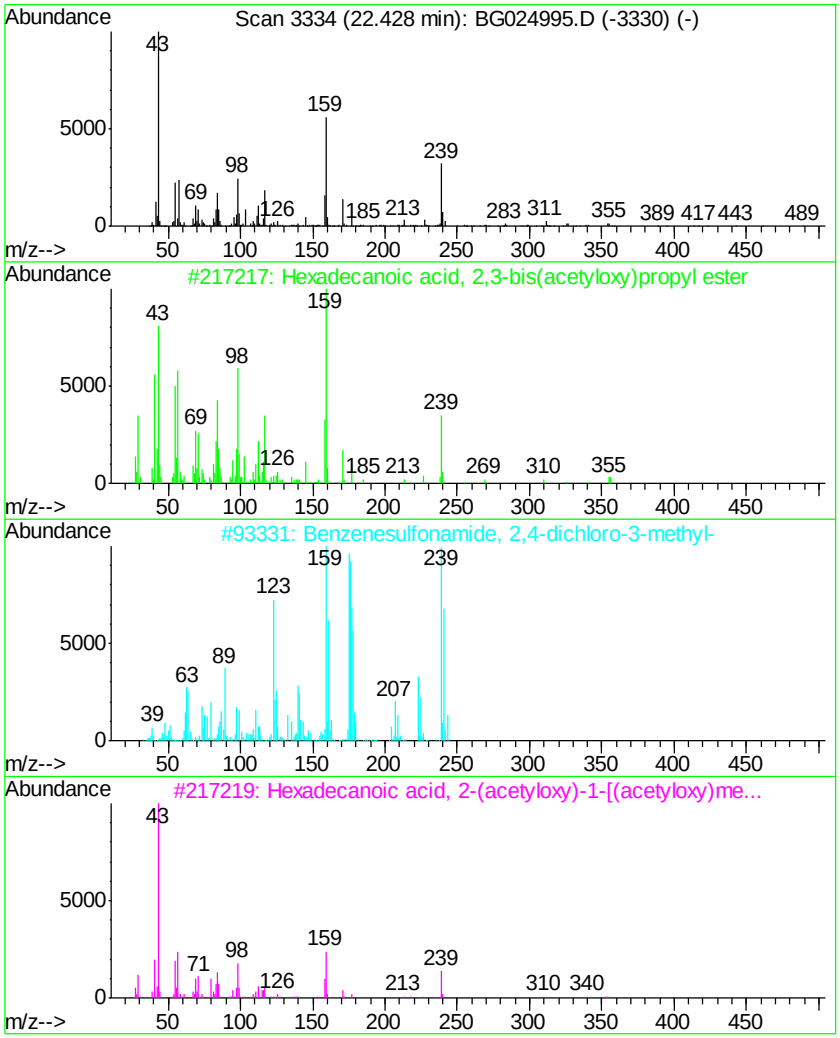
Quant Title : SVOA CALIBRATION

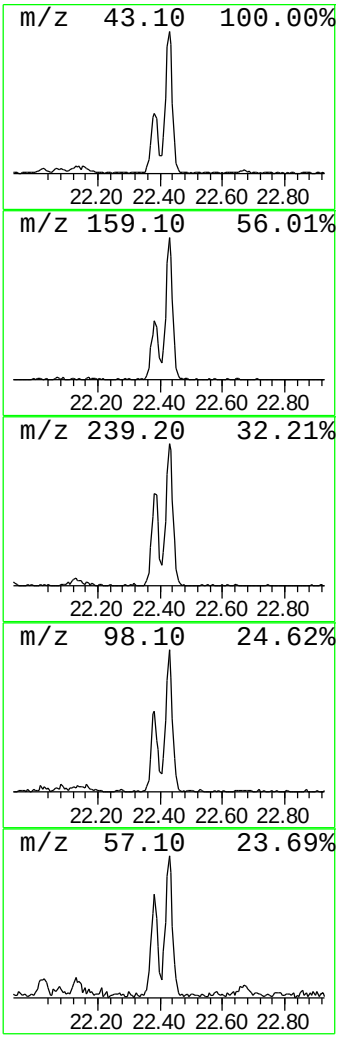
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Hexadecanoic acid, 2,3-bis(... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	9.29 ng/ul	1298910	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	58
2	Benzenesulfonamide, 2,4-dichloro...	239	C7H7Cl2NO2S	1000277-29-3	35
3	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	35
4	Diethylmalonic acid, monochlorid...	336	C15H16ClF3O3	1000368-40-8	27
5	2,5-Difluorobenzoic acid, undecy...	312	C18H26F2O2	1000338-81-0	25





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ClientSampleId : C0AH6

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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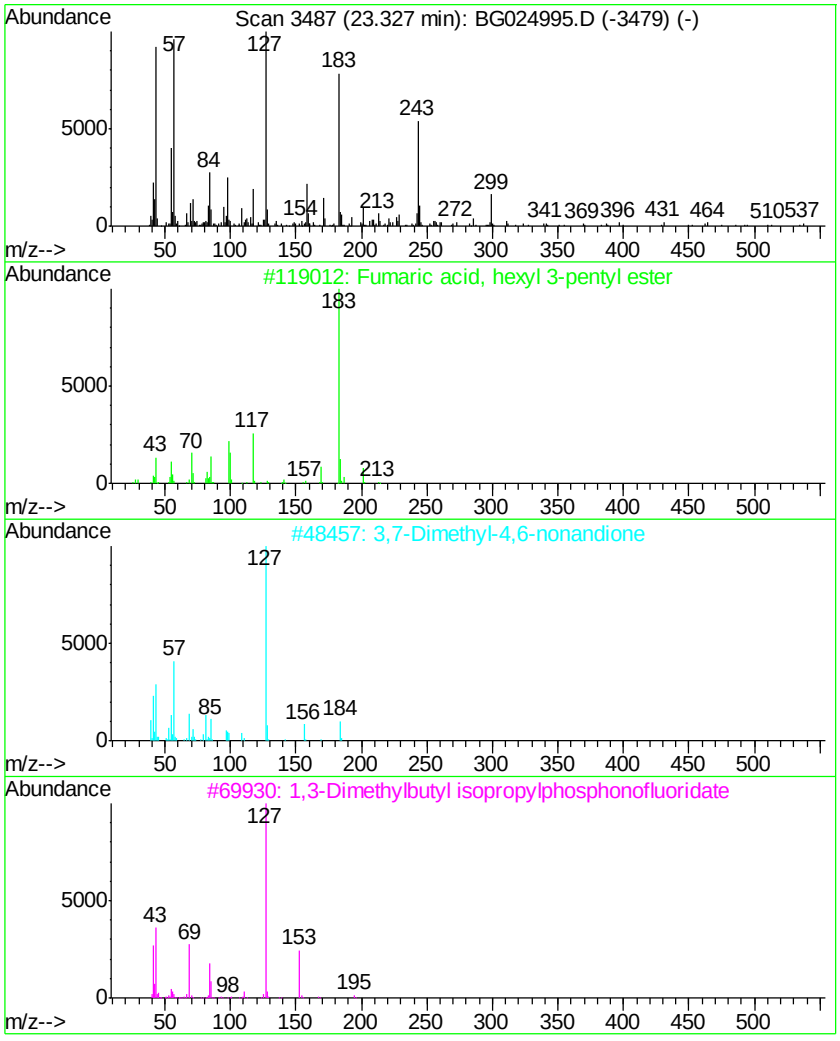
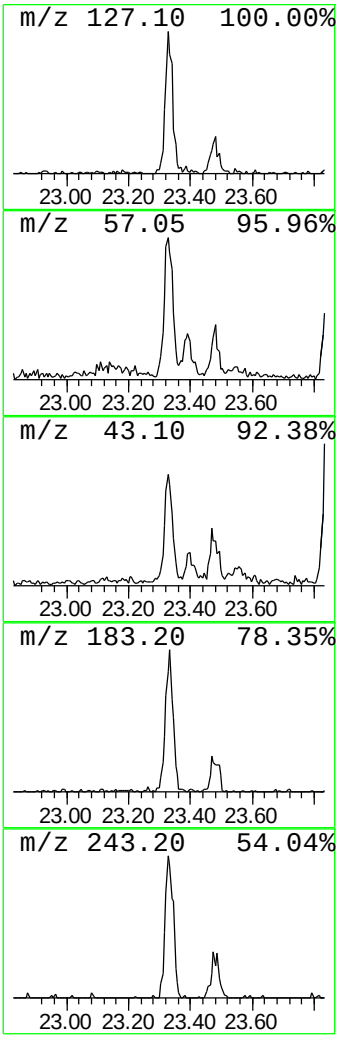
Peak Number 24 unknown-09 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	3.43 ng/ul	479990	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, hexyl 3-pentyl ester	270	C15H26O4	1000330-39-8	22
2	3,7-Dimethyl-4,6-nonandione	184	C11H20O2	1000374-12-6	18
3	1,3-Dimethylbutyl isopropylphosp...	210	C9H20FO2P	1000298-25-6	14
4	Octanoic acid, 3,4-dichlorophenyl...	288	C14H18Cl2O2	1000307-69-9	14
5	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	14





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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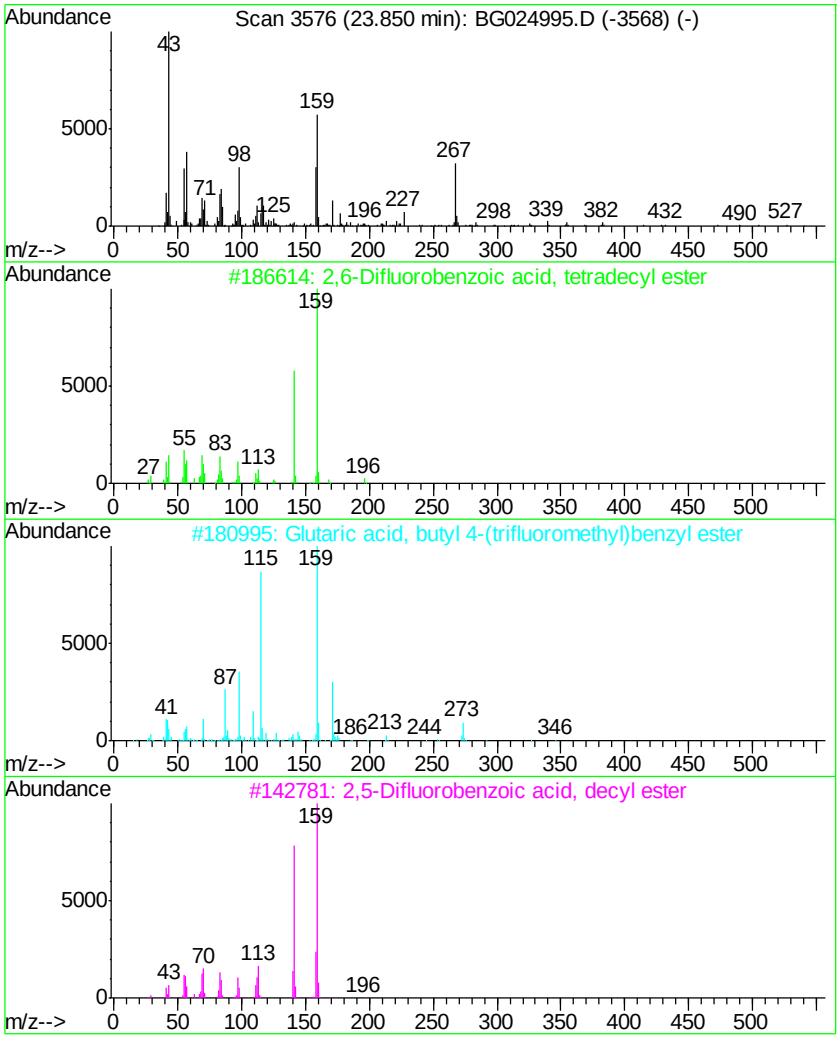
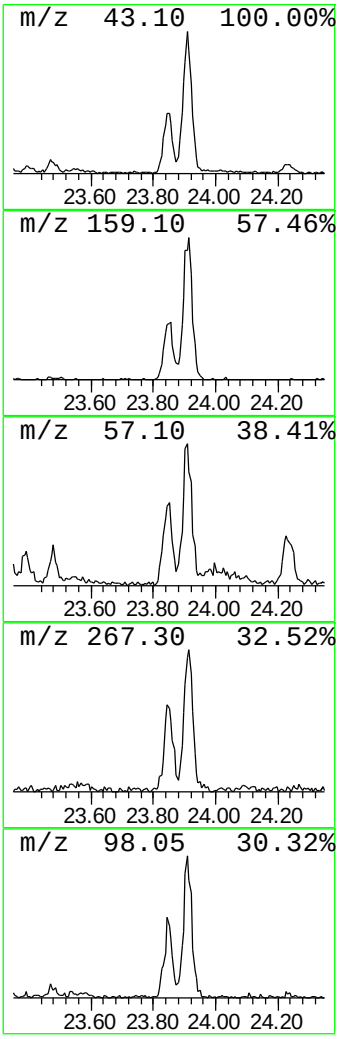
Peak Number 25 unknown-10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	4.98 ng/ul	714803	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Difluorobenzoic acid, tetrad...	354	C21H32F2O2	1000292-39-4	22
2	Glutaric acid, butyl 4-(trifluor...	346	C17H21F3O4	1000377-57-9	16
3	2,5-Difluorobenzoic acid, decyl ...	298	C17H24F2O2	1000338-80-9	16
4	Glutaric acid, ethyl 4-(trifluor...	318	C15H17F3O4	1000377-57-6	16
5	Nonanoic acid, hexadecyl ester	382	C25H50O2	1000340-28-3	15





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

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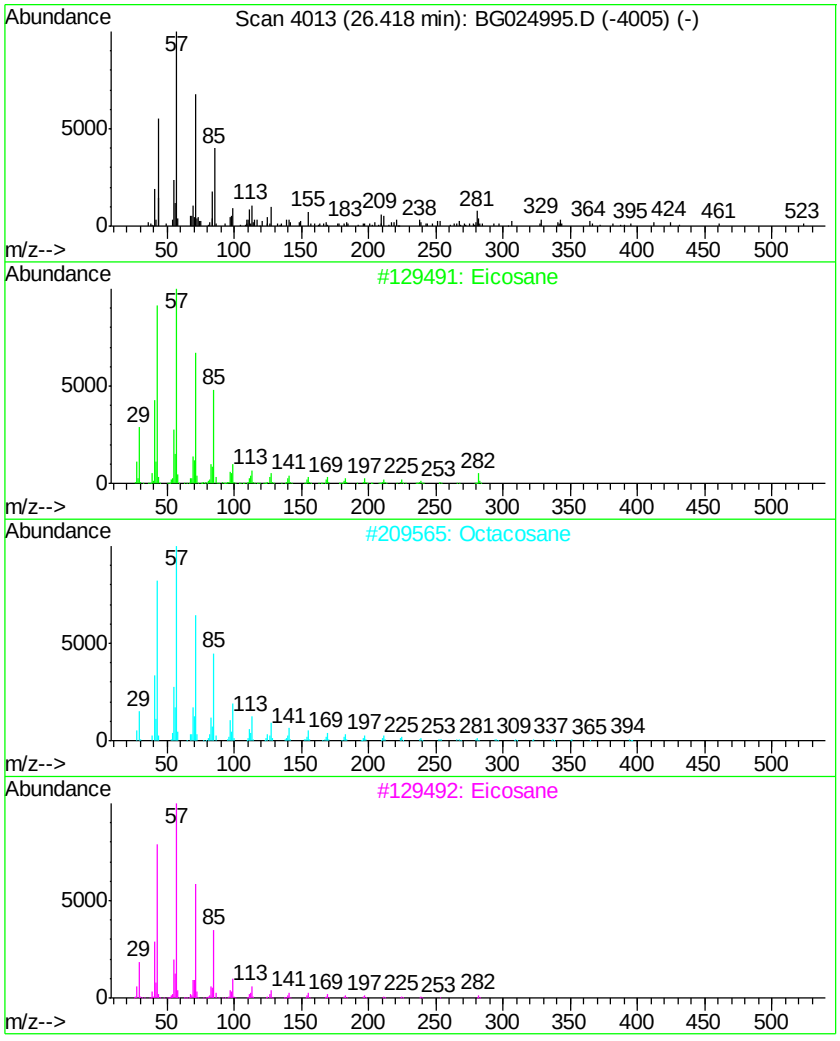
Quant Title : SVOA CALIBRATION

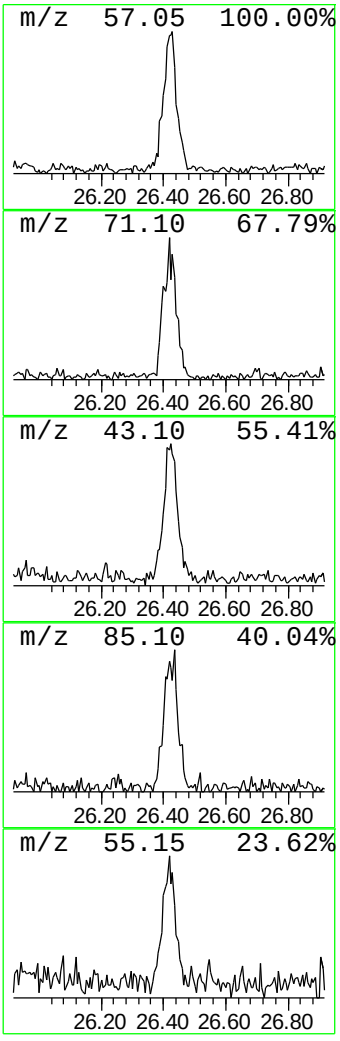
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	2.17 ng/ul	311296	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Octacosane	394	C28H58	000630-02-4	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Tetracosane	338	C24H50	000646-31-1	58
5	Octacosane	394	C28H58	000630-02-4	58





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TIC Integration Parameters: LSCINT.P

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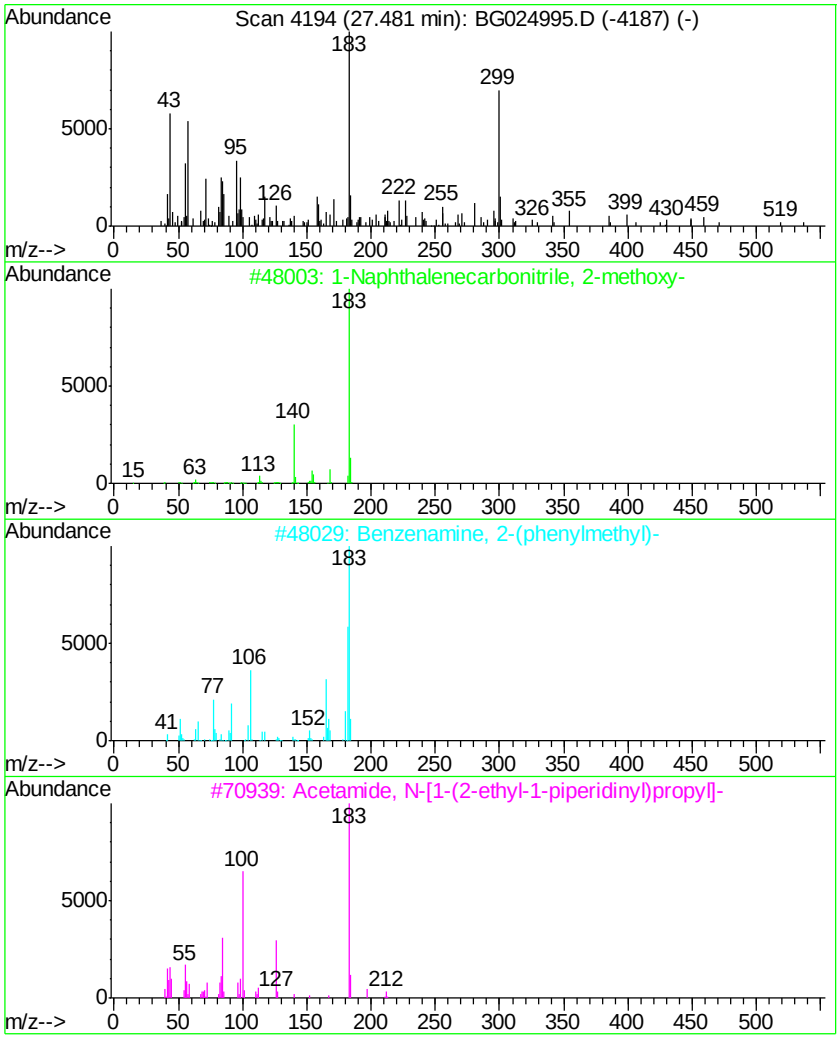
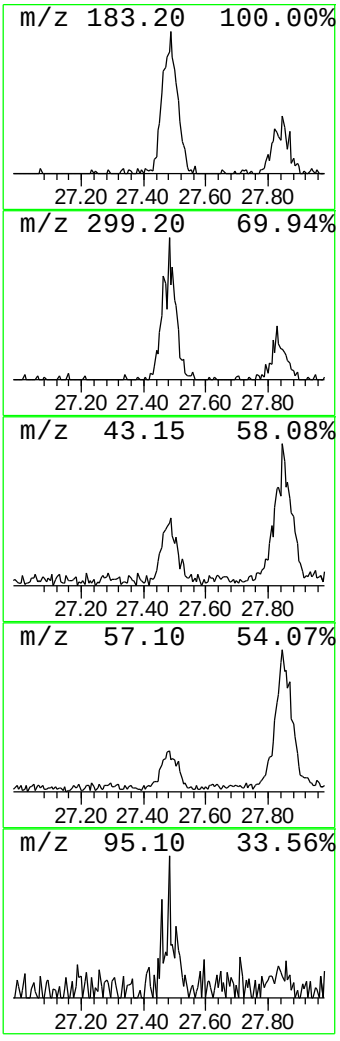
Peak Number 28 unknown-11 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.48	2.40 ng/ul	344653	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile, 2-met...	183	C12H9NO	016000-39-8	43
2	Benzenamine, 2-(phenylmethyl)-	183	C13H13N	028059-64-5	43
3	Acetamide, N-[1-(2-ethyl-1-piper...	212	C12H24N2O	055030-28-9	43
4	Lauric anhydride	382	C24H46O3	000645-66-9	38
5	Fumaric acid, hexyl 3-hexyl ester	284	C16H28O4	1000348-60-5	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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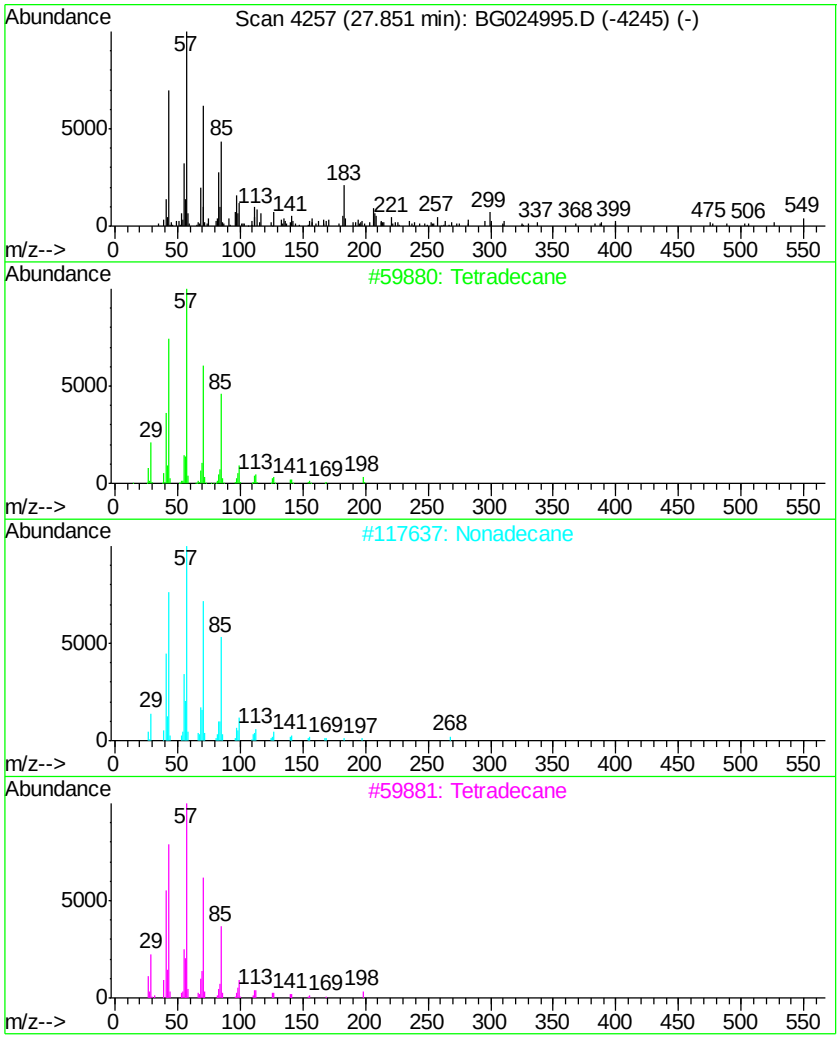
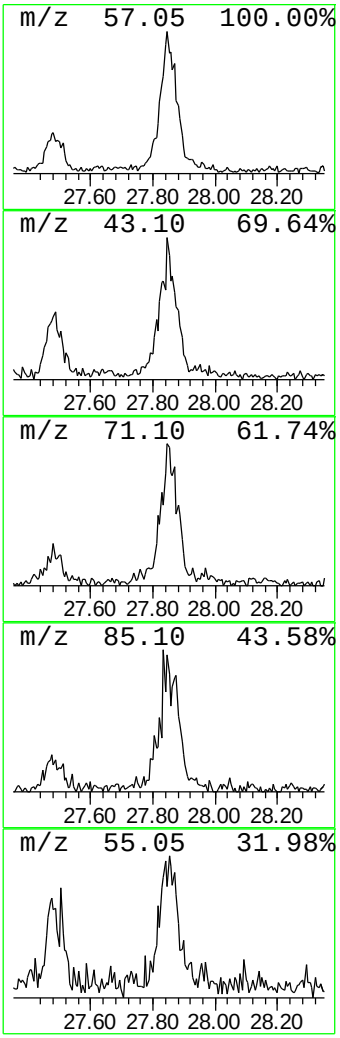
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.85	3.26 ng/ul	466828	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Nonadecane	268	C19H40	000629-92-5	64
3	Tetradecane	198	C14H30	000629-59-4	58
4	Nonadecane	268	C19H40	000629-92-5	58
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG024995.D
Acq On : 7 Dec 2016 1:01
Operator : UM/SJ
Sample : H5843-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AH6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotetrasiloxan...	7.30	4.4	ng/ul	157842	1	8.24	712134	20.0
Phenol, 2-methoxy-	9.34	2.8	ng/ul	98978	1	8.24	712134	20.0
(DEL) Alkane: Cyc...	9.55	2.2	ng/ul	78042	1	8.24	712134	20.0
unknown-01	9.75	3.0	ng/ul	151191	2	11.07	1004560	20.0
3-Methyl-hexanoic...	11.82	2.0	ng/ul	102018	2	11.07	1004560	20.0
Nonanoic acid, 9-...	14.04	4.5	ng/ul	357854	3	14.86	1582280	20.0
Tridecanoic acid	15.24	15.5	ng/ul	1228720	3	14.86	1582280	20.0
Nonanedioic acid,...	15.45	6.4	ng/ul	505425	3	14.86	1582280	20.0
unknown-02	17.36	6.1	ng/ul	622413	4	17.60	2049590	20.0
Caprylic anhydride	17.83	29.6	ng/ul	3033640	4	17.60	2049590	20.0
unknown-03	17.89	57.0	ng/ul	5842990	4	17.60	2049590	20.0
Tridecanoic acid,...	18.22	16.7	ng/ul	1711490	4	17.60	2049590	20.0
unknown-04	18.78	6.3	ng/ul	646263	4	17.60	2049590	20.0
unknown-05	19.14	14.0	ng/ul	1437030	4	17.60	2049590	20.0
unknown-06	19.18	26.5	ng/ul	2718680	4	17.60	2049590	20.0
trans-13-Octadece...	19.38	2.3	ng/ul	237214	4	17.60	2049590	20.0
Methyl stearate	19.51	10.8	ng/ul	1105100	4	17.60	2049590	20.0
unknown-07	20.25	29.1	ng/ul	4073110	5	21.89	2796230	20.0
unknown-08	20.28	51.6	ng/ul	7218300	5	21.89	2796230	20.0
Myristin, 2,3-dia...	21.24	9.8	ng/ul	1372610	5	21.89	2796230	20.0
Hexadecanoic acid...	22.38	5.0	ng/ul	700072	5	21.89	2796230	20.0
Hexadecanoic acid...	22.43	9.3	ng/ul	1298910	5	21.89	2796230	20.0
unknown-09	23.33	3.4	ng/ul	479990	5	21.89	2796230	20.0
unknown-10	23.85	5.0	ng/ul	714803	6	25.31	2867850	20.0
(DEL) Alkane: Str...	26.42	2.2	ng/ul	311296	6	25.31	2867850	20.0
unknown-11	27.48	2.4	ng/ul	344653	6	25.31	2867850	20.0
(DEL) Alkane: Str...	27.85	3.3	ng/ul	466828	6	25.31	2867850	20.0