LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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	4.063	226	234	241	rBV6	14736	27948	0.55%	0.115%
2	4.997	386	393	401	rBV4	10894	19558	0.39%	0.080%
3	6.537	650	655	661	rBV4	20628	40586	0.80%	0.167%
4	6.666	672	677	687	rVB	181024	298167	5.87%	1.224%
5	6.819	698	703	710	rVB	120727	182471	3.59%	0.749%
6	7.013	729	736	747	rVB	189683	293584	5.78%	1.205%
7	7.477	808	815	822	rBV	134401	205563	4.05%	0.844%
8	8.088	914	919	923	rBV5	7004	13809	0.27%	0.057%
9	8.199	932	938	946	rBV	251140	402610	7.93%	1.652%
10	8.276	946	951	957	rVB6	7370	15181	0.30%	0.062%
11	8.634	1006	1012	1022	rVB	165429	270205	5.32%	1.109%
12	9.351	1126	1134	1140	rBV2	132346	216441	4.26%	0.888%
13	9.398	1140	1142	1148	rVV2	10522	12856	0.25%	0.053%
14	9.768	1198	1205	1212	rBV5	11463	25391	0.50%	0.104%
15	9.892	1219	1226	1236	rVB	208952	434177	8.55%	1.782%
16	10.256	1281	1288	1297	rBV	204184	349931	6.89%	1.436%
17	10.403	1302	1313	1324	rBV	69330	138165	2.72%	0.567%
18	10.955	1404	1407	1417	rVB4	14809	28142	0.55%	0.115%
19	11.108	1428	1433	1437	rBV5	9150	18042	0.36%	0.074%
20	11.214	1437	1451	1458	rVB	322035	869217	17.12%	3.567%
21	12.295	1630	1635	1639	rVV	14465	19712	0.39%	0.081%
22	12.436	1656	1659	1665	rVB4	7251	12871	0.25%	0.053%
23	12.741	1706	1711	1716	rVV5	8716	19708	0.39%	0.081%
24	12.794	1716	1720	1728	rVB5	19041	30570	0.60%	0.125%
25	12.929	1737	1743	1746	rBV7	8924	15570	0.31%	0.064%
26	13.094	1762	1771	1777	rVV3	30597	46727	0.92%	0.192%
27	13.481	1827	1837	1845	rBV7	17953	48972	0.96%	0.201%
28	13.570	1846	1852	1856	rVV	447128	617630	12.17%	2.535%
29	13.617	1856	1860	1865	rVV	194011	256196	5.05%	1.051%
30	13.681	1867	1871	1878	rVV7	11690	24462	0.48%	0.100%
31	13.787	1882	1889	1892	rBV5	10682	18677	0.37%	0.077%
32	13.840	1892	1898	1904	rVV	431767	622198	12.26%	2.553%
33	13.993	1920	1924	1934	rVB9	11495	32745	0.65%	0.134%
34	14.081	1934	1939	1943	rBV3	30613	53677	1.06%	0.220%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

35	14.151	1943	1951	1959	rVB2	322627	527356	10.39%	2.164%
36	14.386	1983	1991	2004	rBV	151069	260084	5.12%	1.067%
37	14.527	2006	2015	2020	rVV4	20979	35700	0.70%	0.147%
38	14.692	2039	2043	2048	rVB7	10137	15380	0.30%	0.063%
39	14.968	2086	2090	2095	rVB	16796	23378	0.46%	0.096%
40	15.027	2095	2100	2105	rBV3	25836	38212	0.75%	0.157%
41	15.150	2115	2121	2128	rBV	485132	683322	13.46%	2.804%
42	15.285	2140	2144	2153	rVB2	60444	97081	1.91%	0.398%
43	15.438	2166	2170	2177	rVB6	11175	22478	0.44%	0.092%
44	15.509	2177	2182	2186	rBV4	16687	30617	0.60%	0.126%
45	15.556	2187	2190	2197	rVV2	14792	23032	0.45%	0.095%
46	15.720	2214	2218	2221	rBV6	9052	13451	0.26%	0.055%
47	15.785	2225	2229	2233	rBV3	15075	24817	0.49%	0.102%
48	15.890	2241	2247	2252	rBV4	28680	50045	0.99%	0.205%
49	15.943	2252	2256	2262	rVB	31151	41850	0.82%	0.172%
50	16.031	2266	2271	2281	rVB2	58119	110013	2.17%	0.451%
51	16.349	2318	2325	2332	rBV	332072	521934	10.28%	2.142%
52	16.413	2332	2336	2339	rVB4	15626	27172	0.54%	0.112%
53	16.631	2370	2373	2376	rVV4	26278	34282	0.68%	0.141%
54	16.689	2379	2383	2387	rVB2	25034	34924	0.69%	0.143%
55	16.778	2394	2398	2402	rVB2	15986	18094	0.36%	0.074%
56	16.848	2406	2410	2414	rBV6	15558	22971	0.45%	0.094%
57	16.907	2414	2420	2425	rBV2	396723	555830	10.95%	2.281%
58	16.948	2425	2427	2431	rVB	23645	25748	0.51%	0.106%
59	17.007	2431	2437	2444	rBV2	489608	702190	13.83%	2.882%
60	17.066	2444	2447	2450	rBV3	13396	20377	0.40%	0.084%
61	17.224	2471	2474	2480	rBV6	18327	29773	0.59%	0.122%
62	17.424	2505	2508	2511	rVB3	23062	23609	0.47%	0.097%
63	17.559	2526	2531	2535	rBV4	22729	37861	0.75%	0.155%
64	17.735	2555	2561	2565	rBV5	41556	92331	1.82%	0.379%
65	17.847	2572	2580	2590	rBV	1294880	2190991	43.16%	8.991%
66	18.123	2624	2627	2631	rVB5	19458	25737	0.51%	0.106%
67	18.293	2653	2656	2661	rVB7	11183	14708	0.29%	0.060%
68	18.499	2687	2691	2696	rBV8	12494	26478	0.52%	0.109%
69	18.634	2710	2714	2718	rBV2	63338	83676	1.65%	0.343%
70	18.670	2718	2720	2725	rVV6	21037	28870	0.57%	0.118%
71	18.981	2768	2773	2775	rBV3	79590	121774	2.40%	0.500%

LSC Area Percent Report

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Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

72	19.122	2793	2797	2804	rBV2	93592	148711	2.93%	0.610%
73	19.316	2825	2830	2839	rVB2	468576	683085	13.46%	2.803%
74	19.516	2860	2864	2870	rBV2	77175	100378	1.98%	0.412%
75	19.604	2875	2879	2884	rVV2	109055	126979	2.50%	0.521%
76	19.944	2933	2937	2943	rBV	78936	94592	1.86%	0.388%
77	20.215	2979	2983	2997	rVB2	104113	167515	3.30%	0.687%
78	20.843	3086	3090	3095	rVB3	70154	87288	1.72%	0.358%
79	21.114	3131	3136	3140	rBV	476314	561505	11.06%	2.304%
80	21.619	3219	3222	3225	rBV2	50489	57060	1.12%	0.234%
81	21.707	3234	3237	3242	rVB7	20348	31907	0.63%	0.131%
82	21.766	3243	3247	3251	rBV2	86369	113880	2.24%	0.467%
83	21.848	3259	3261	3264	rBV3	14517	15172	0.30%	0.062%
84	21.913	3269	3272	3276	rBV3	53631	87070	1.72%	0.357%
85	22.271	3329	3333	3340	rVB	97199	159433	3.14%	0.654%
86	22.512	3370	3374	3378	rVB7	20148	30755	0.61%	0.126%
87	22.612	3389	3391	3393	rBV2	18765	20421	0.40%	0.084%
88	23.147	3476	3482	3495	rVB	325331	631444	12.44%	2.591%
89	23.288	3499	3506	3513	rVB	308298	575228	11.33%	2.361%
90	23.816	3593	3596	3602	rBV8	22469	39599	0.78%	0.163%
91	24.269	3668	3673	3678	rBV3	58532	122962	2.42%	0.505%
92	25.426	3861	3870	3885	rVB3	107688	395314	7.79%	1.622%
93	25.650	3903	3908	3915	rVB10	23597	56781	1.12%	0.233%
94	25.914	3942	3953	3966	rBV8	120554	410988	8.10%	1.687%
95	26.278	4002	4015	4033	rBV2	1354934	5076507	100.00%	20.832%
96	26.419	4034	4039	4052	rVB9	120070	378025	7.45%	1.551%
97	26.766	4091	4098	4104	rBV9	33459	100411	1.98%	0.412%
98	26.860	4106	4114	4123	rVB6	82100	265829	5.24%	1.091%
99	27.324	4186	4193	4203	rVB6	74286	246575	4.86%	1.012%
100	27.788	4259	4272	4286	rVB3	349214	1264907	24.92%	5.191%

Sum of corrected areas: 24368226

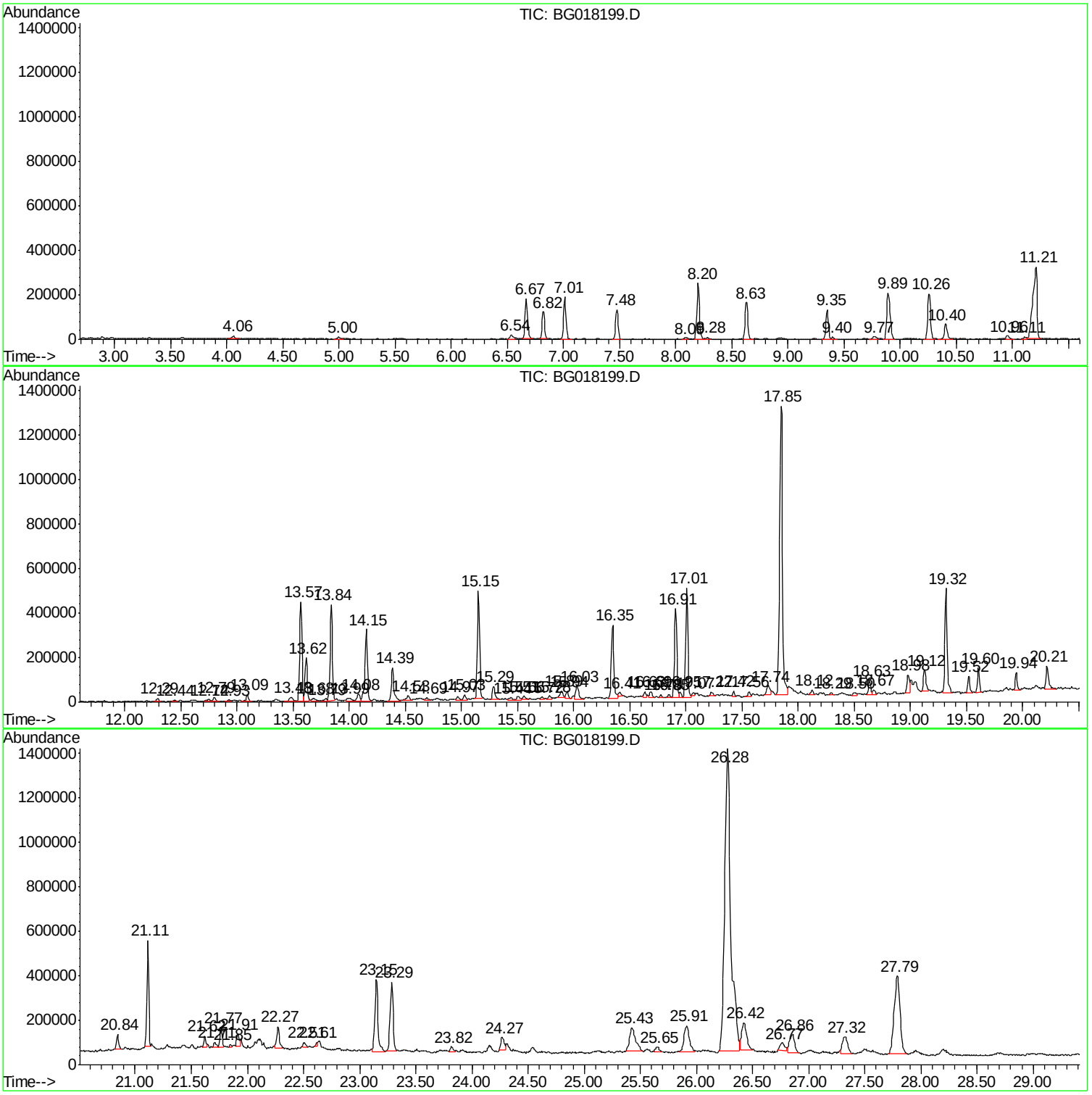
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
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Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

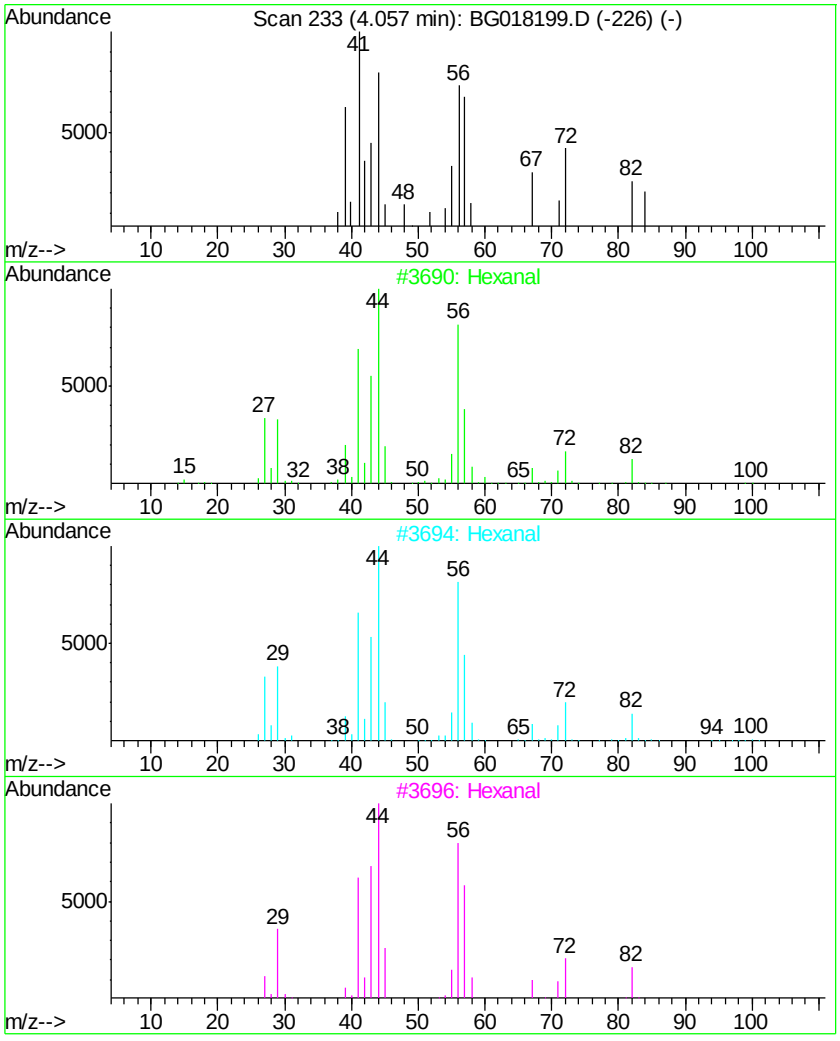
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

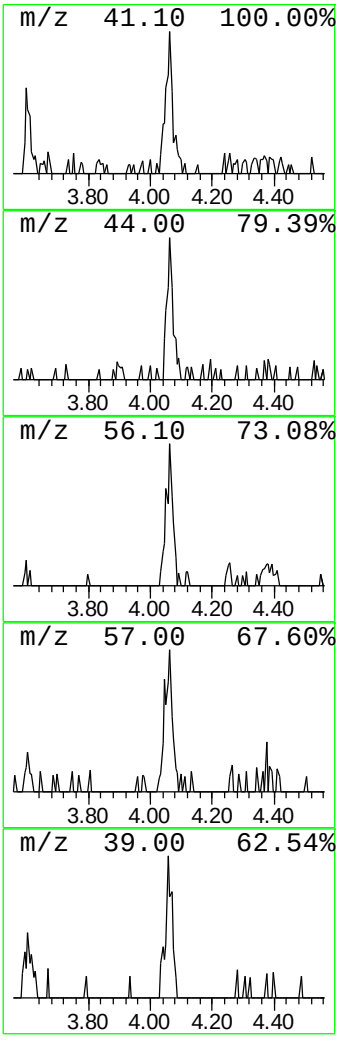
****

Peak Number 1 Hexanal Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	2.72 ng/ul	27948	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	72
3	Hexanal	100	C6H12O	000066-25-1	50
4	Butanal	72	C4H8O	000123-72-8	27
5	Butanal	72	C4H8O	000123-72-8	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

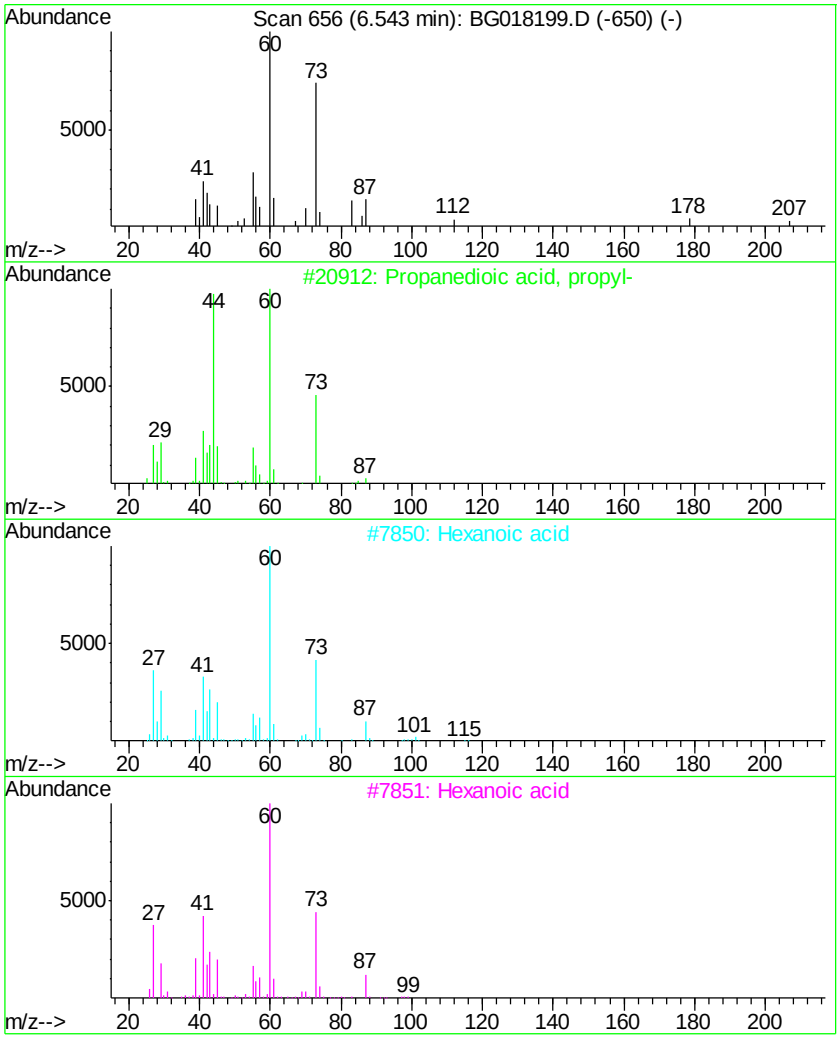
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

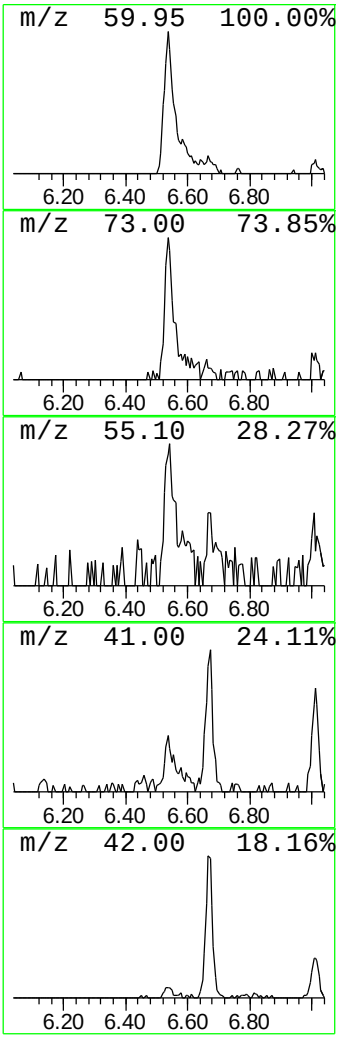
****

Peak Number 2 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	3.95 ng/ul	40586	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45
2	Hexanoic acid	116	C6H12O2	000142-62-1	45
3	Hexanoic acid	116	C6H12O2	000142-62-1	45
4	Pentanoic acid	102	C5H10O2	000109-52-4	40
5	D-Galactose, 6-deoxy-	164	C6H12O5	003615-37-0	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

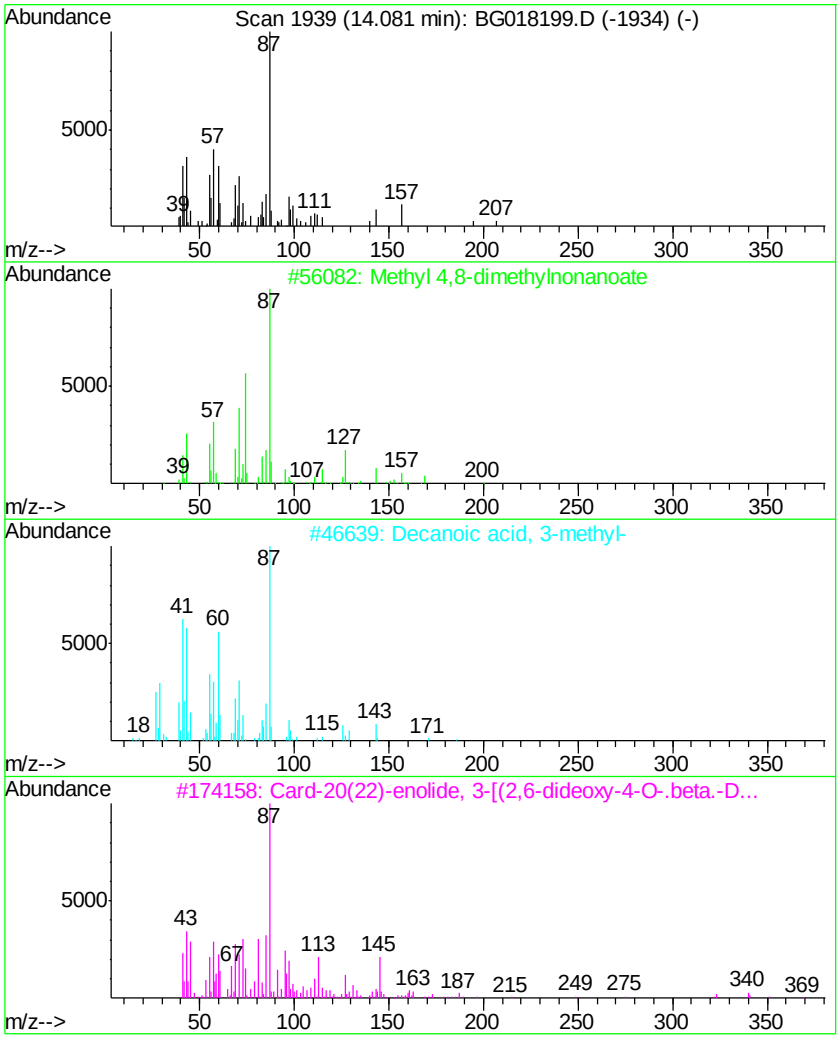
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

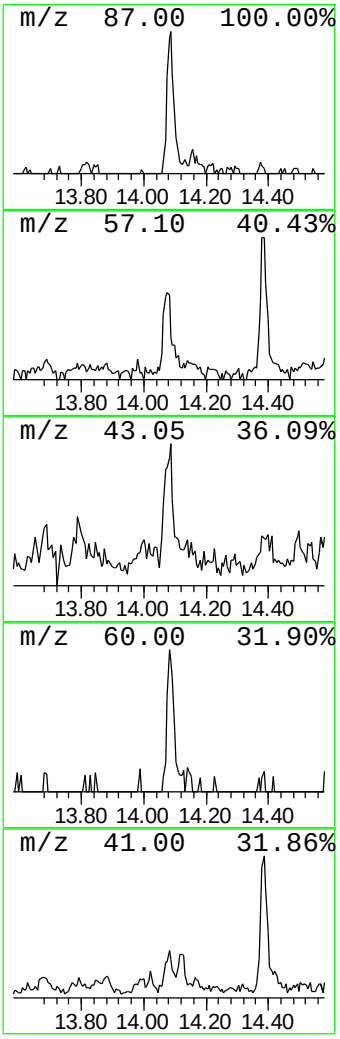
****

Peak Number 3 Methyl 4,8-dimethylnonanoate Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.04 ng/ul	53677	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 4,8-dimethylnonanoate	200	C12H24O2	013758-80-0	53
2	Decanoic acid, 3-methyl-	186	C11H22O2	060308-82-9	43
3	Card-20(22)-enolide, 3-[(2,6-did...	710	C36H54O14	000560-53-2	42
4	4-Octanol, 4,5-dimethyl-	158	C10H22O	054340-92-0	42
5	4-Nonanol, 4-methyl-	158	C10H22O	023418-38-4	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

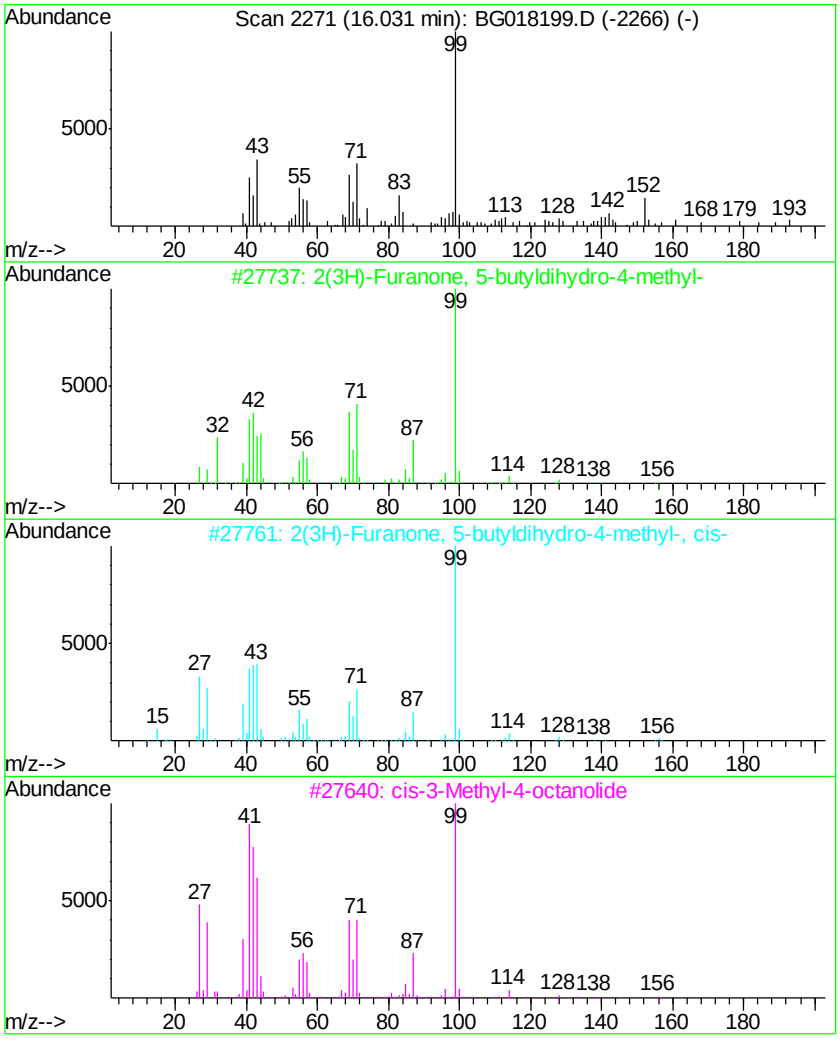
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

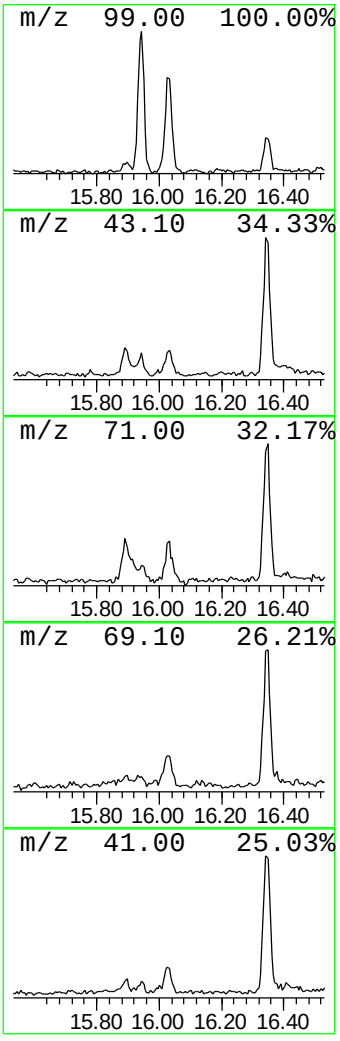
****

Peak Number 4 2(3H)-Furanone, 5-butyldihy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.96 ng/ul	110013	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	039212-23-2	53
2	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	53
3	cis-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	53
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	53
5	.delta. Nonalactone	156	C9H16O2	003301-94-8	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

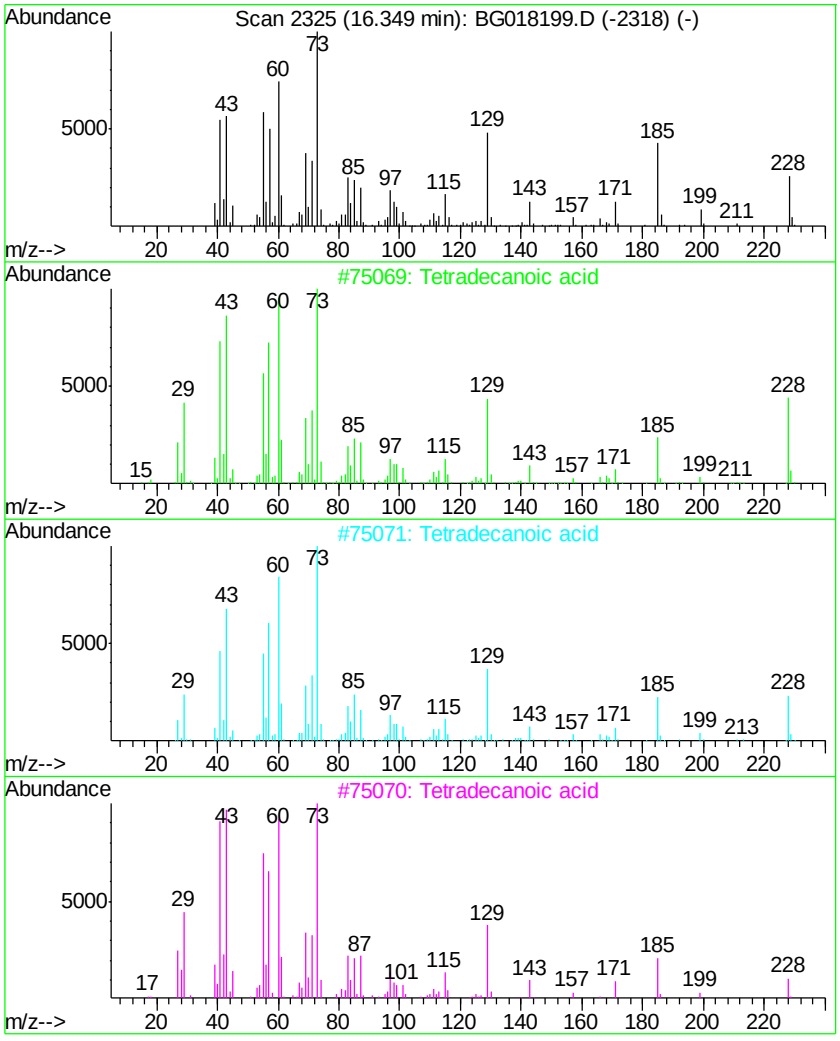
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

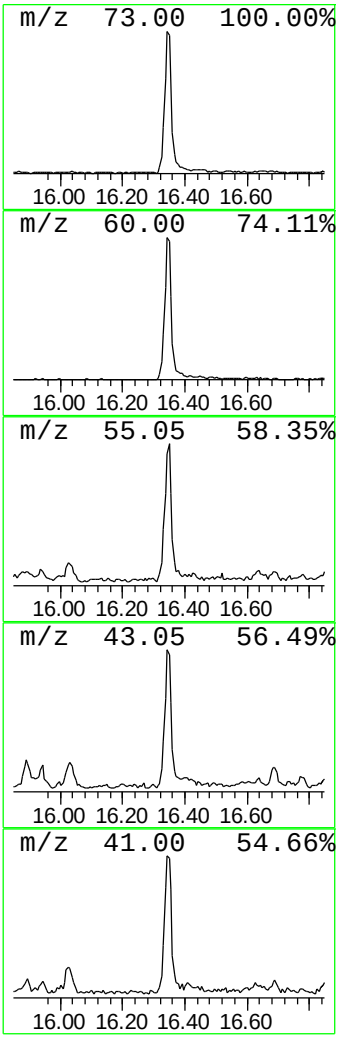
****

Peak Number 5 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	18.78 ng/ul	521934	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

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Quant Title : SVOA CALIBRATION

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

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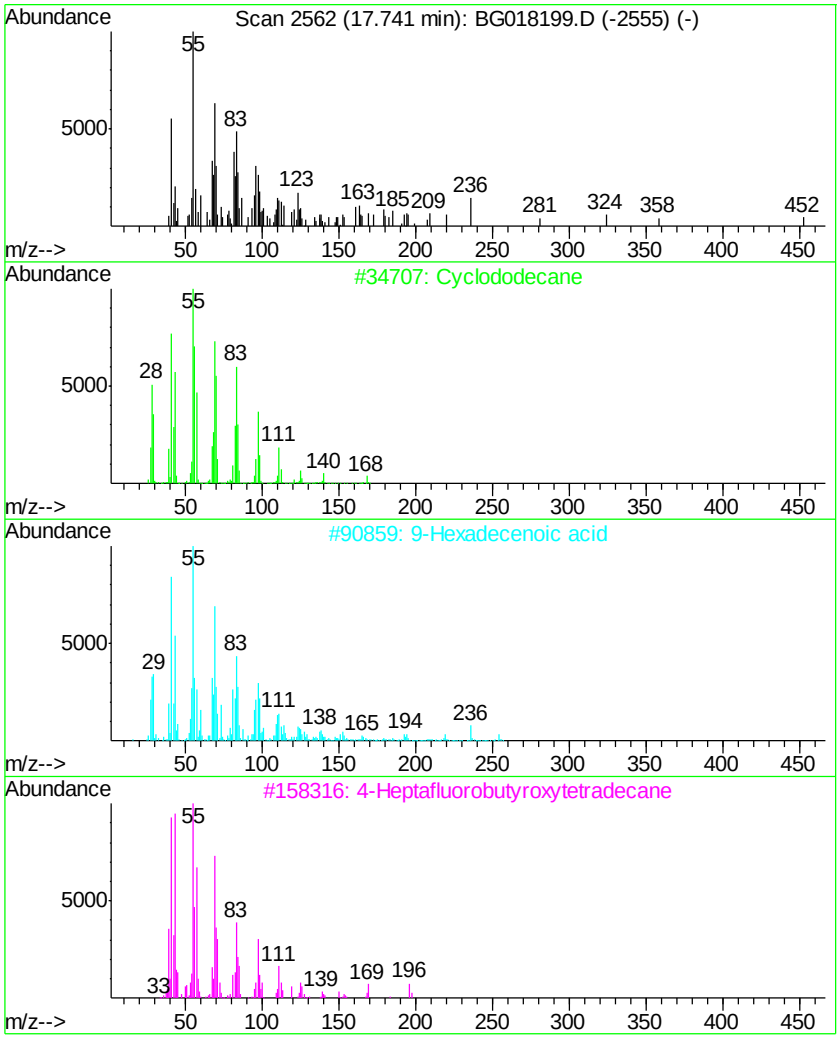
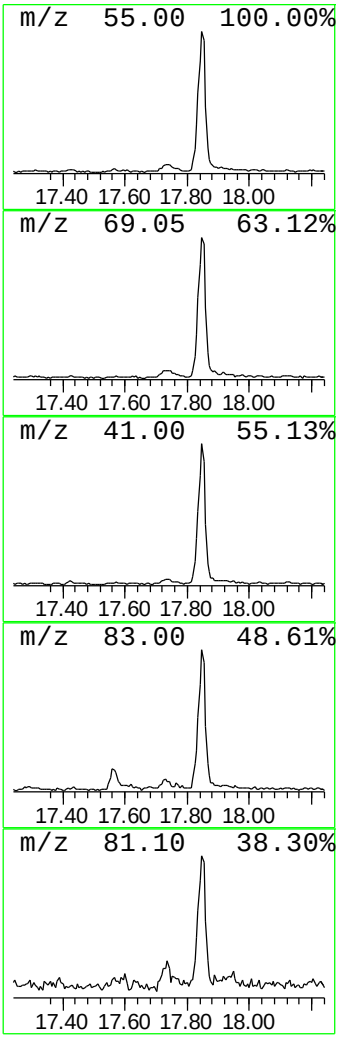
Peak Number 6 (DEL) Alkane: Cyclic17.74 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	3.32 ng/ul	92331	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	70
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	59
3	4-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-9	58
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	55
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	45





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Misc :
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Instrument : BNA_G
ClientSampleId : C01N8

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Quant Title : SVOA CALIBRATION

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

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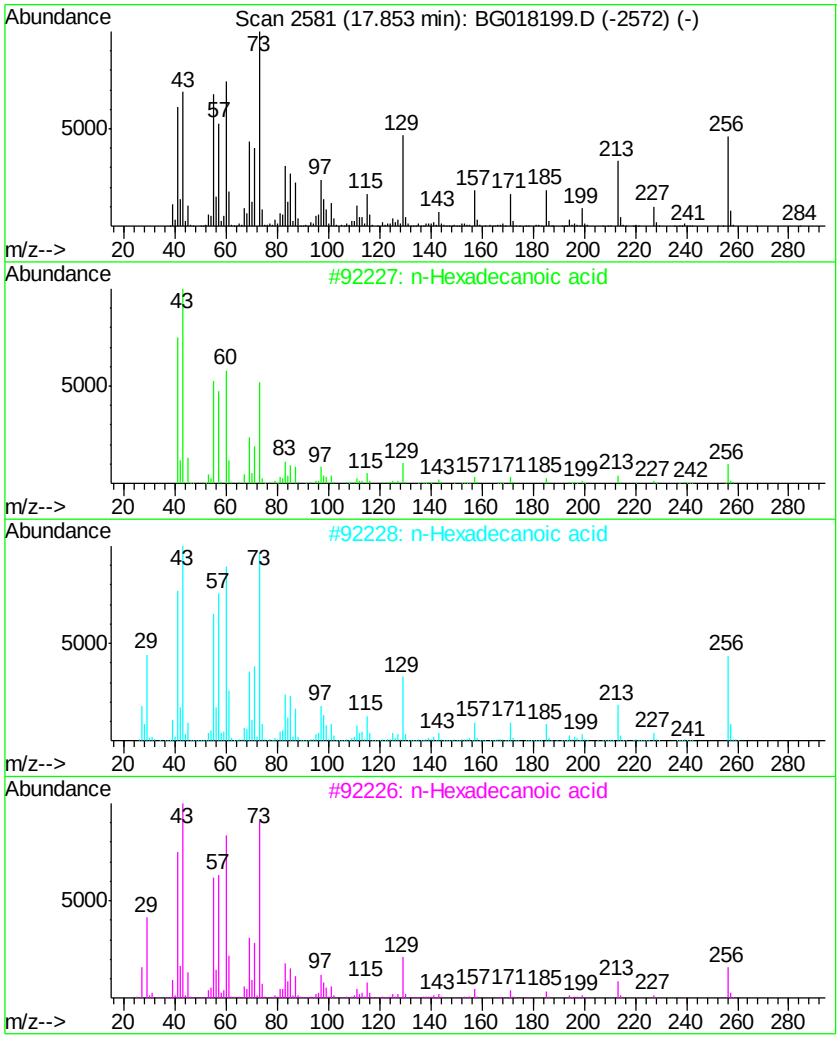
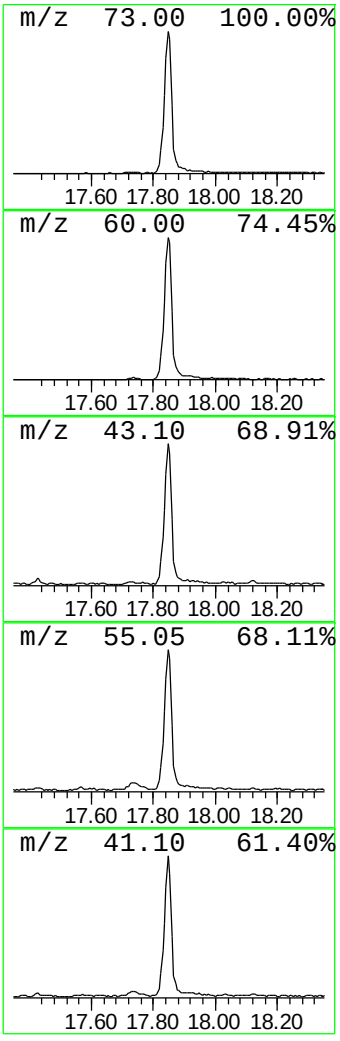
Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	78.84 ng/ul	2190990	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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Misc :
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Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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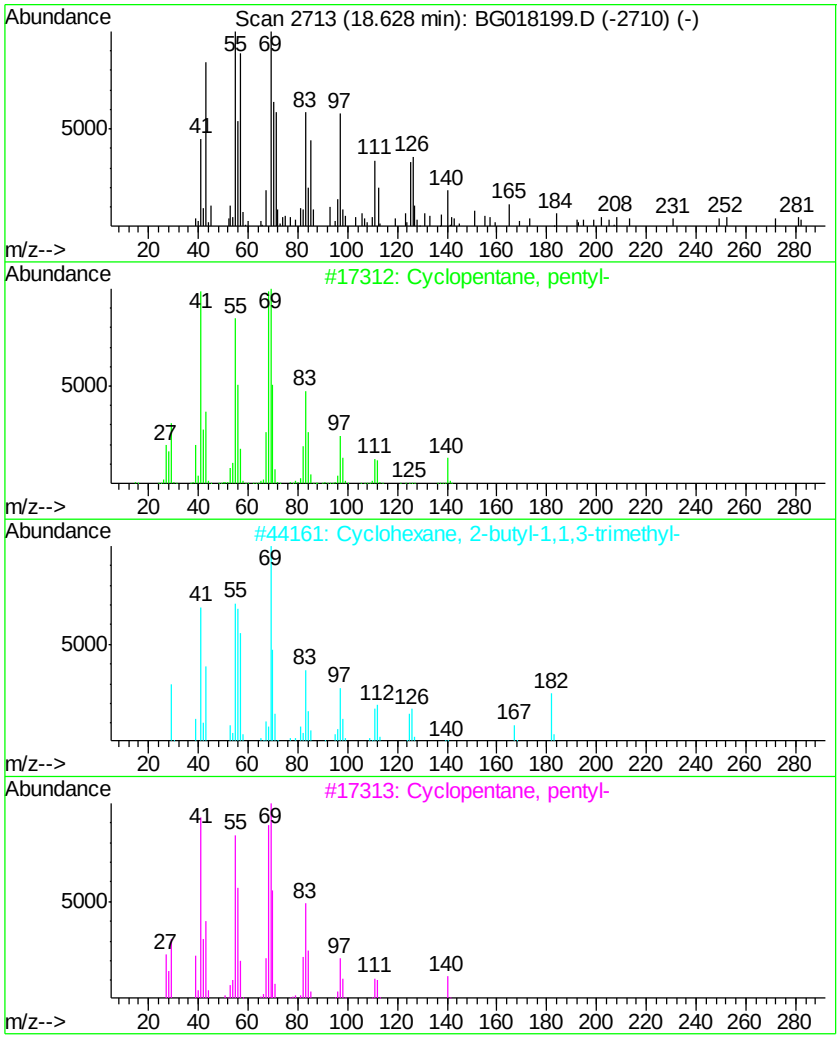
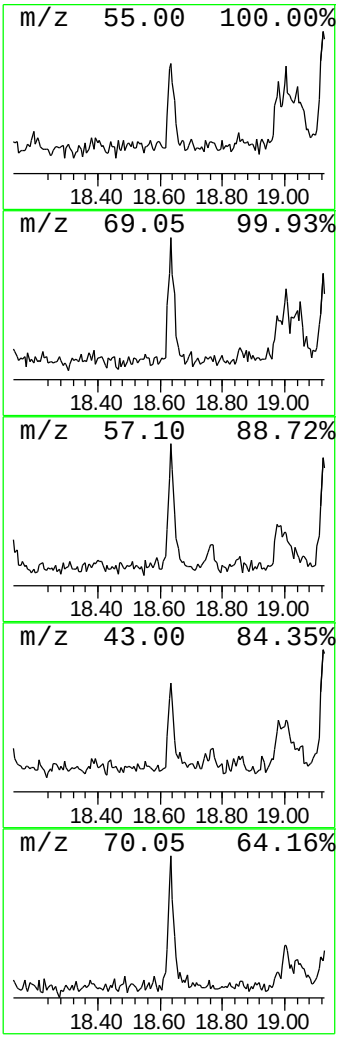
Peak Number 8 (DEL) Alkane: Cyclic18.63 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.01 ng/ul	83676	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	70
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	68
3	Cyclopentane, pentyl-	140	C10H20	003741-00-2	64
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	62
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	60





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ClientSampleId : C01N8

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Quant Title : SVOA CALIBRATION

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

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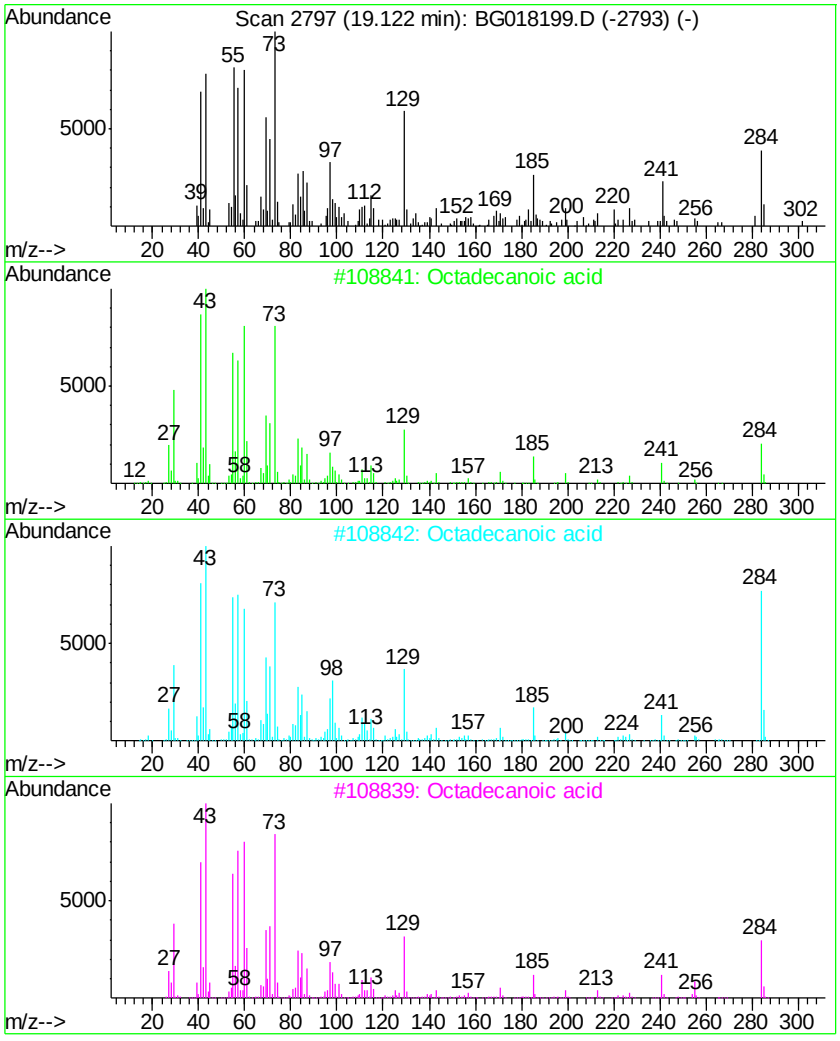
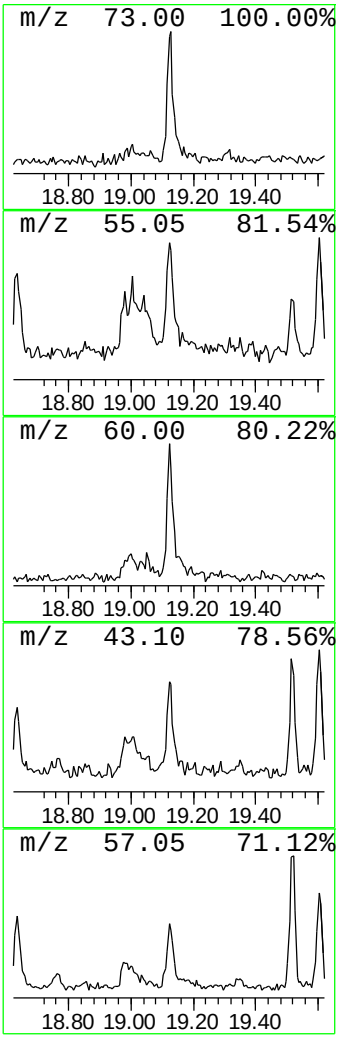
Peak Number 9 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	5.30 ng/ul	148711	Chrysene-d12	21.11

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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Library Search Compound Report

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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : C01N8

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Quant Title : SVOA CALIBRATION

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

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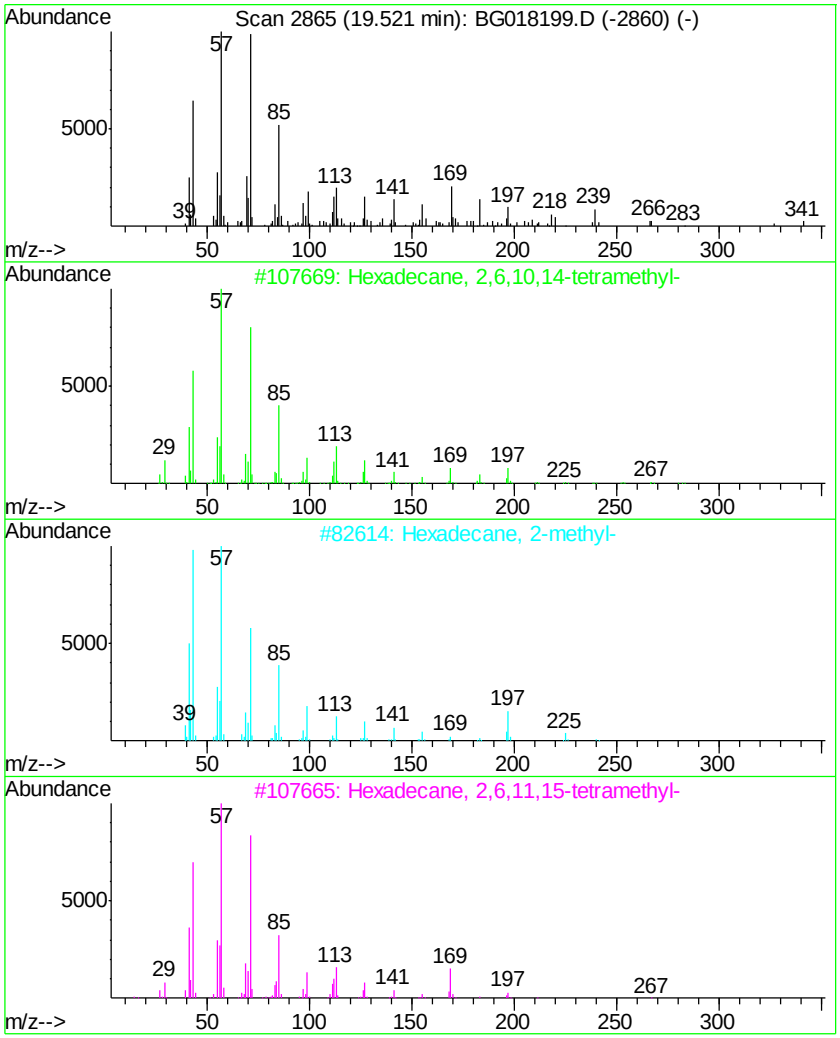
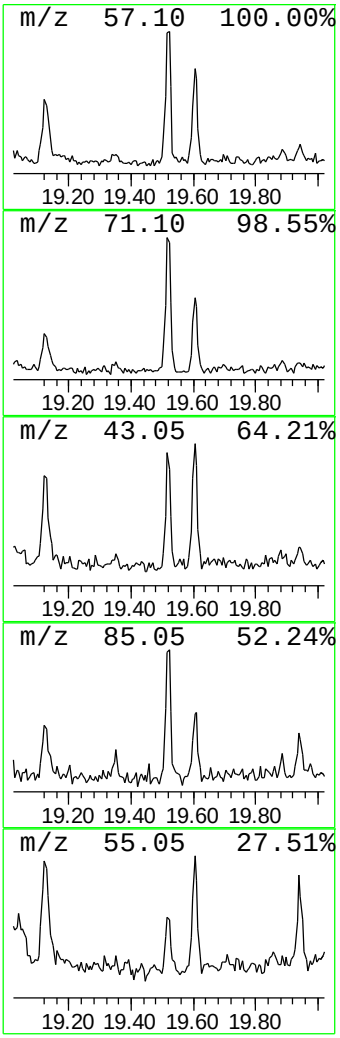
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	3.58 ng/ul	100378	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	89
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

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Quant Title : SVOA CALIBRATION

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

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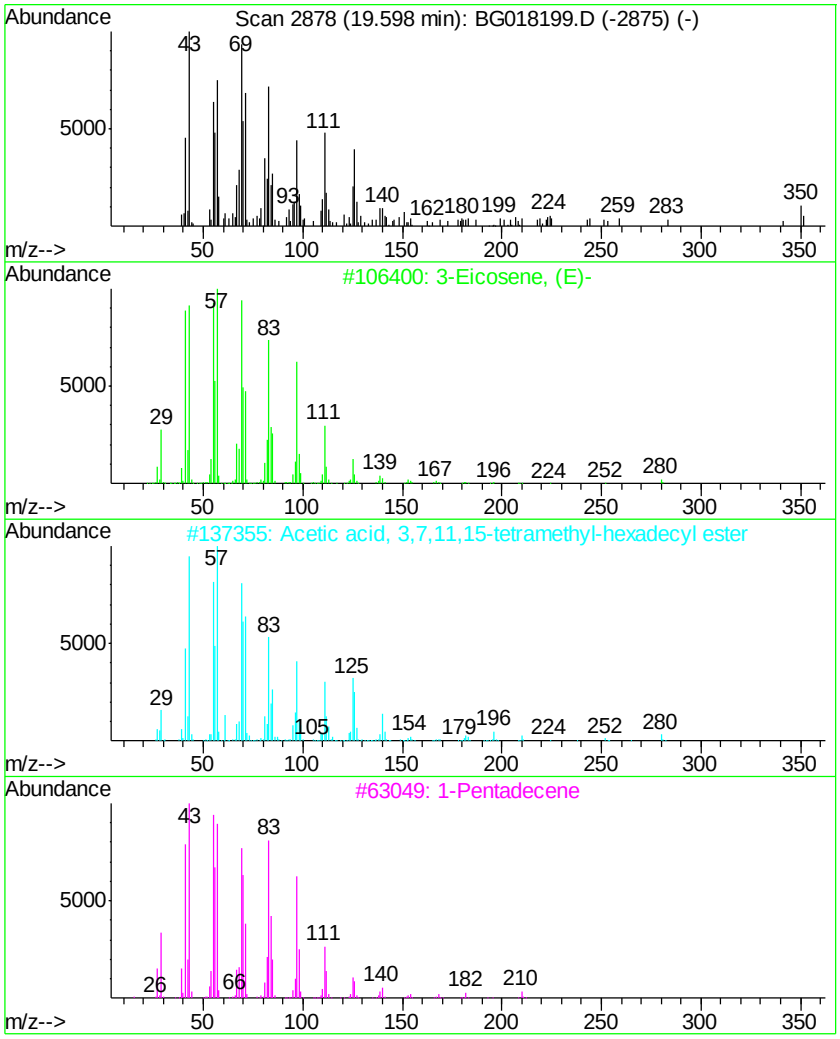
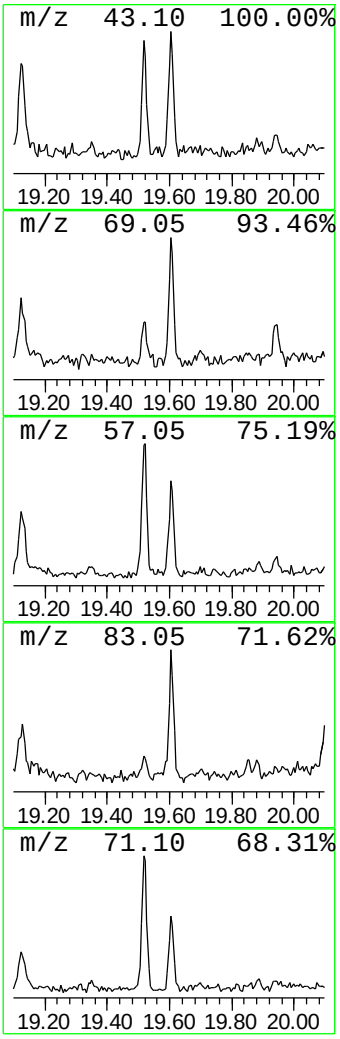
Peak Number 11 (DEL) Alkane: Cyclic19.60 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	4.52 ng/ul	126979	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
2	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	87
3	1-Pentadecene	210	C15H30	013360-61-7	86
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	83
5	5-Tetradecene, (E)-	196	C14H28	041446-66-6	83





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Instrument : BNA_G
ClientSampleId : C01N8

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Quant Title : SVOA CALIBRATION

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

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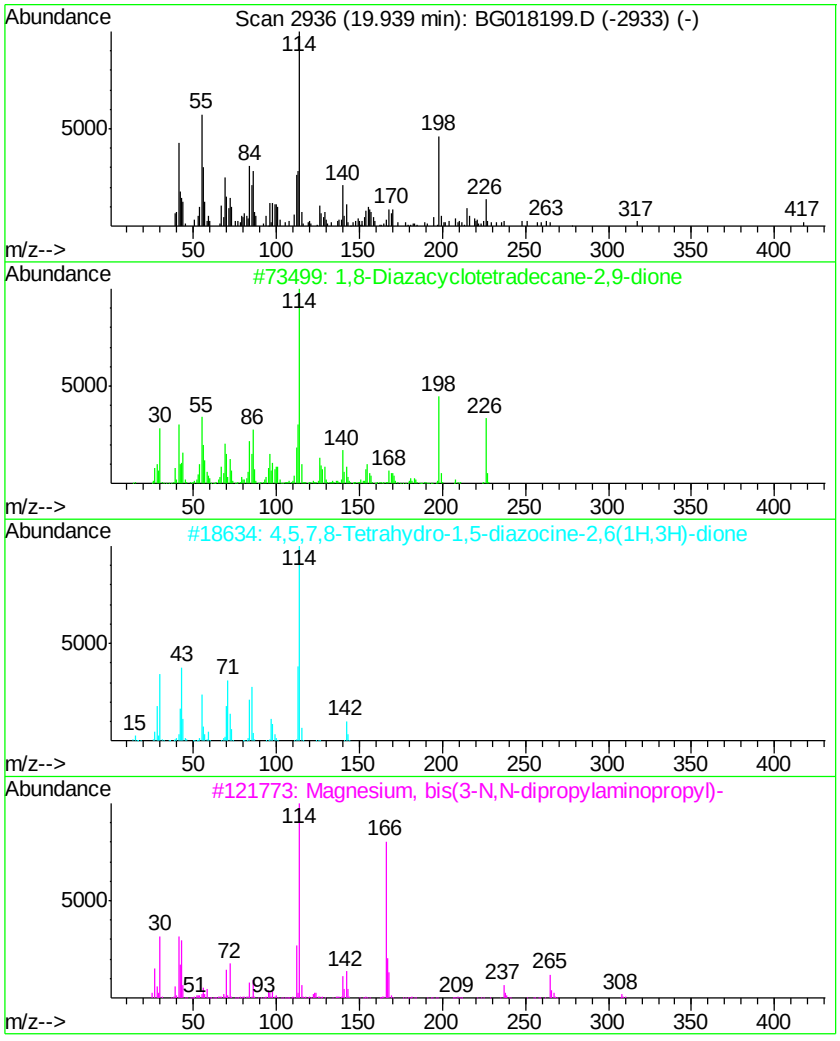
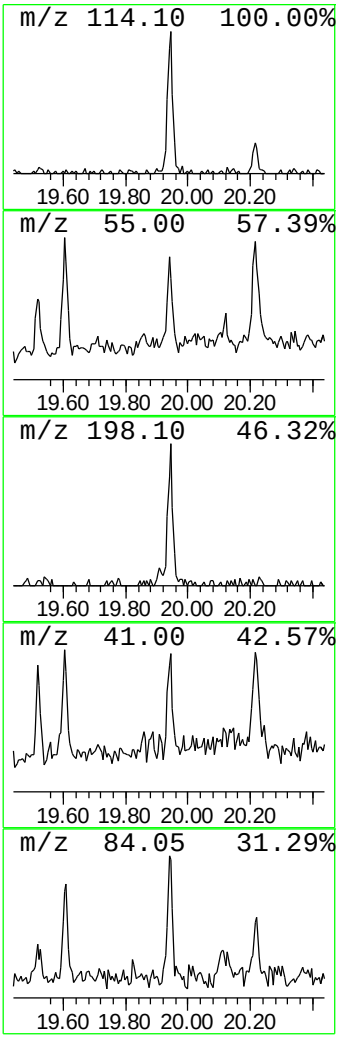
Peak Number 12 1,8-Diazacyclotetradecane-2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	3.37 ng/ul	94592	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Diazacyclotetradecane-2,9-dione	226	C12H22N2O2	005776-79-4	70
2	4,5,7,8-Tetrahydro-1,5-diazocine...	142	C6H10N2O2	000935-18-2	38
3	Magnesium, bis(3-N,N-dipropylami...	308	C18H40MgN2	1000152-53-6	35
4	2-(Diisopropylamino)ethanethiol	161	C8H19NS	005842-07-9	35
5	1H-1,2,4-Triazole, 3-nitro-	114	C2H2N4O2	024807-55-4	30





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Instrument : BNA_G
ClientSampleId : C01N8

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Quant Title : SVOA CALIBRATION

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

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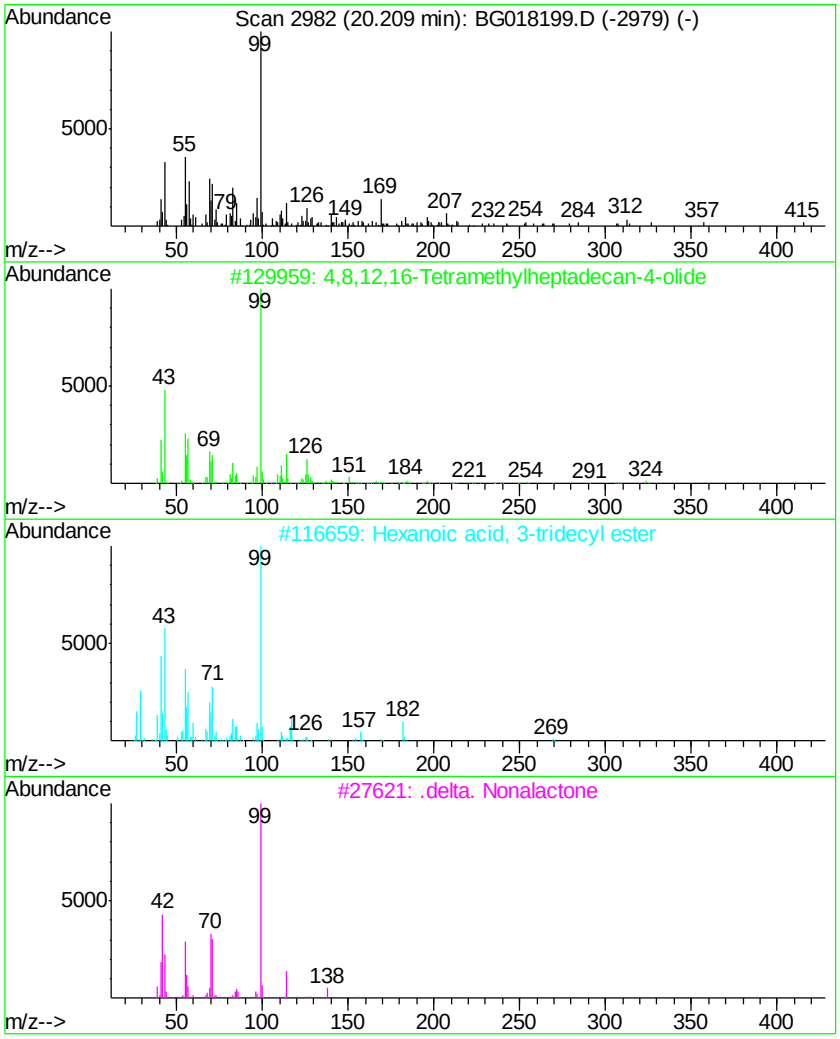
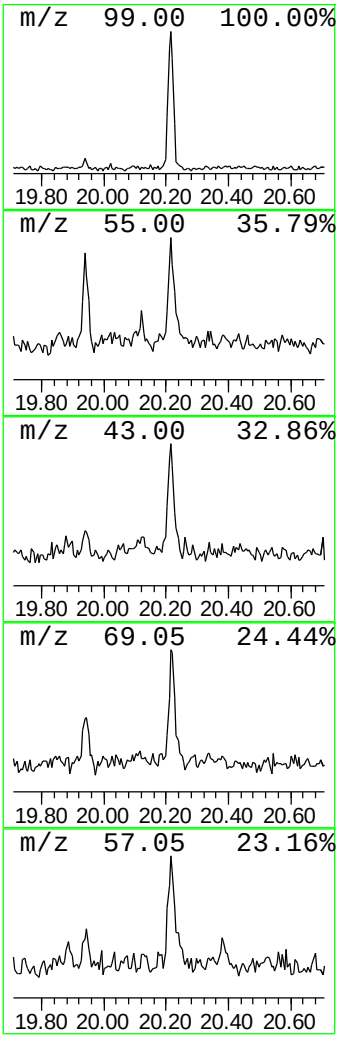
Peak Number 13 4,8,12,16-Tetramethylheptad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	5.97 ng/ul	167515	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	64
2	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	50
3	.delta. Nonalactone	156	C9H16O2	003301-94-8	43
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	43
5	cis-4-Hydroxy-3-methyldecanoic a...	184	C11H20O2	147254-32-8	38





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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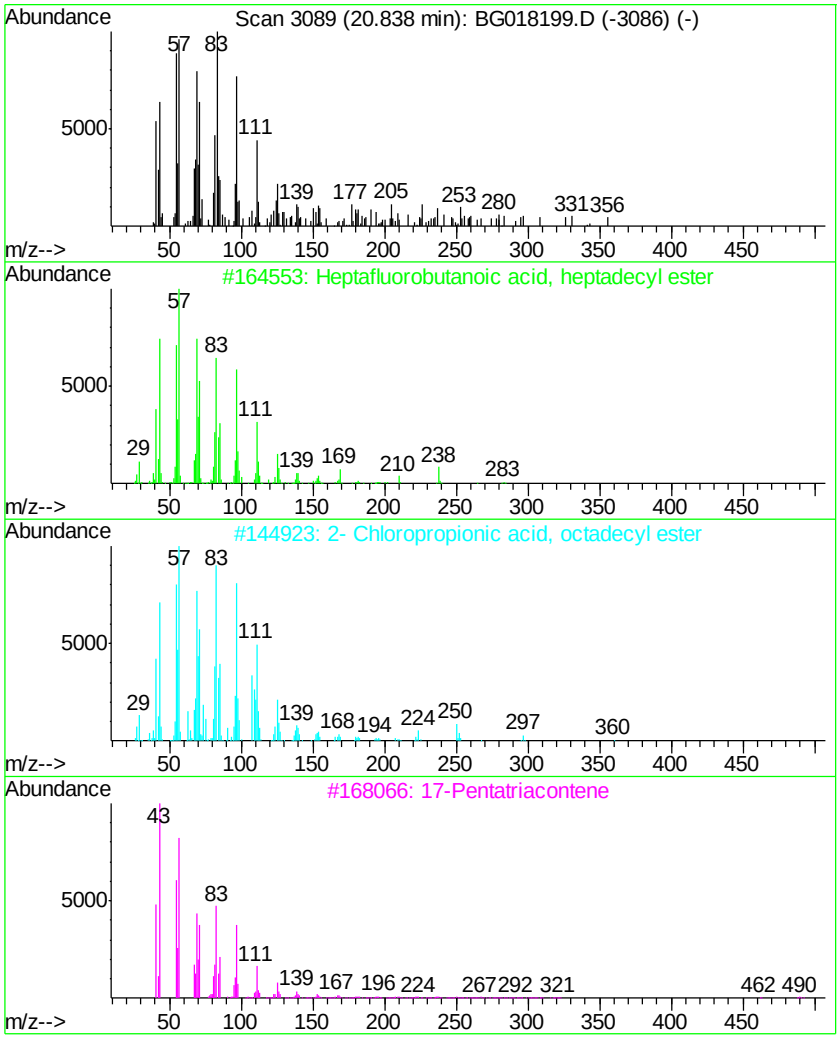
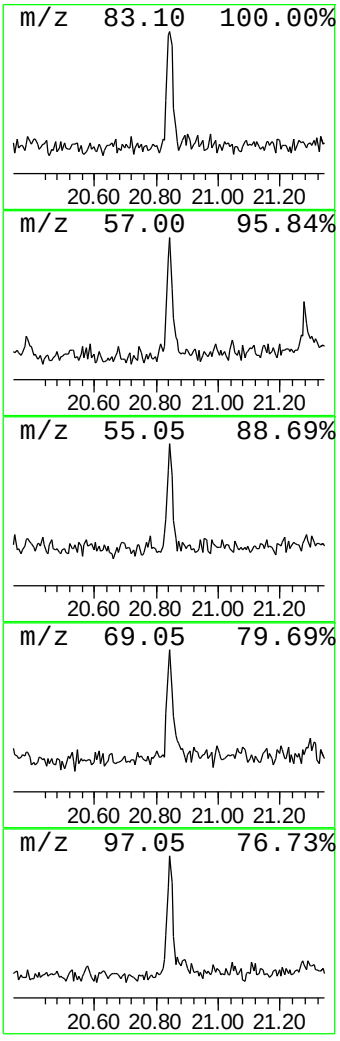
Peak Number 14 Heptafluorobutanoic acid, h... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.11 ng/ul	87288	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	1-Octadecanol	270	C18H38O	000112-92-5	90





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Quant Title : SVOA CALIBRATION

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

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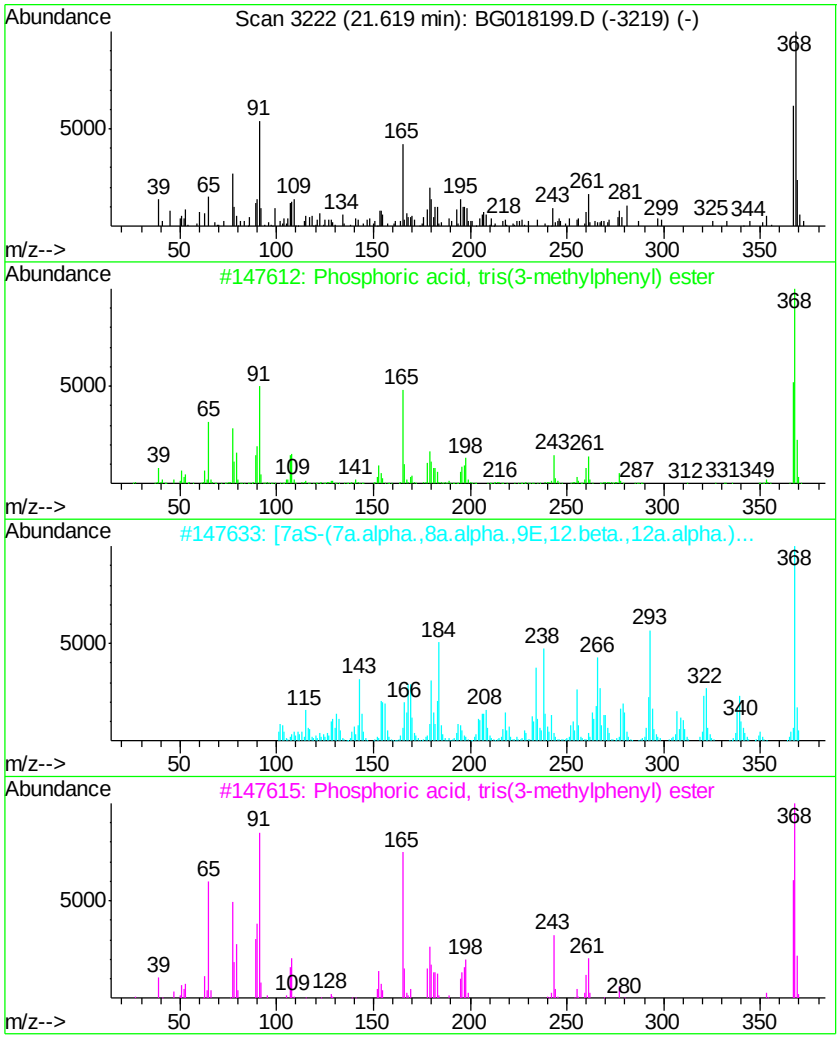
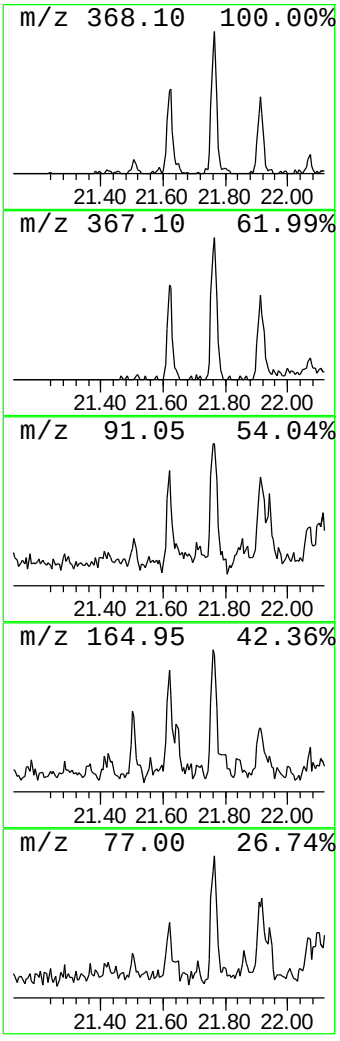
Peak Number 15 Phosphoric acid, tris(3-met... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.03 ng/ul	57060	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	93
2	[7aS-(7a.alpha.,8a.alpha.,9E,12....	368	C21H24N2O4	030809-15-5	93
3	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	87
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	86
5	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	74





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Quant Title : SVOA CALIBRATION

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

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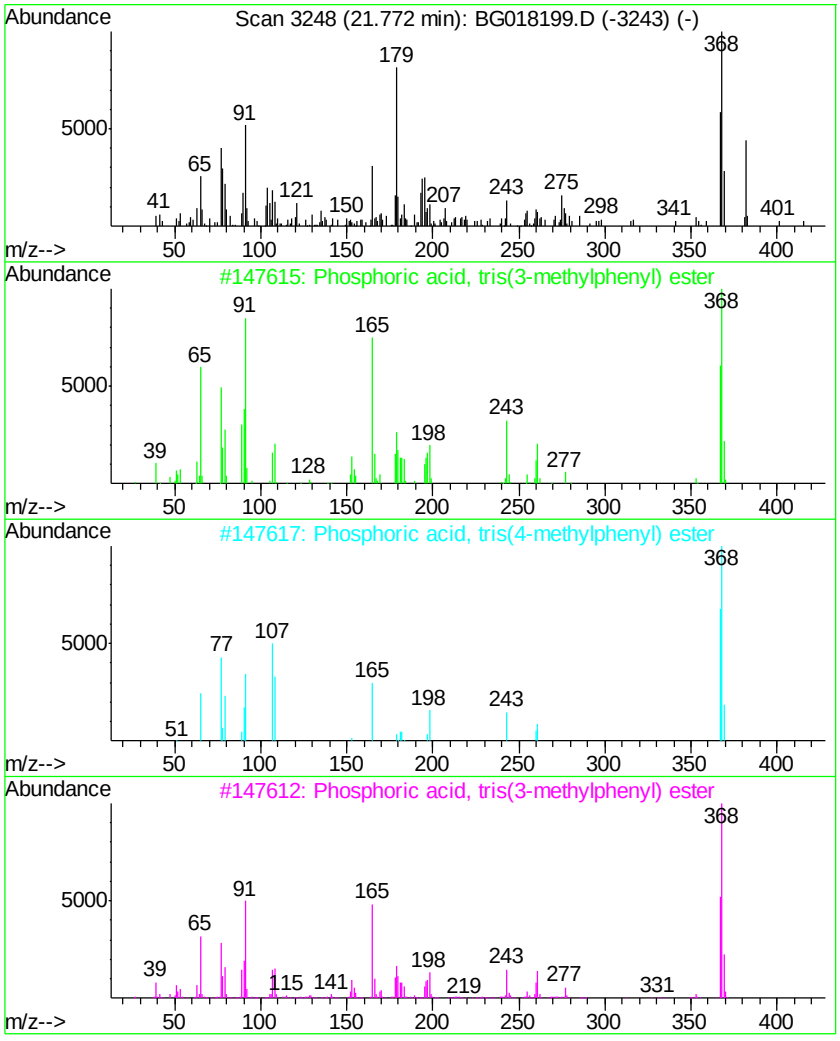
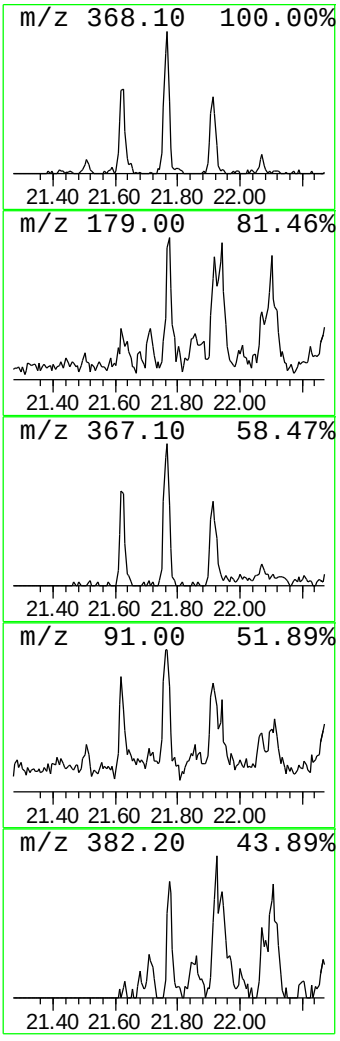
Peak Number 16 Phosphoric acid, tris(4-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	4.06 ng/ul	113880	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	90
2	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	70
3	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	68
4	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	35
5	10H-Dibenzo[b,E]pyran-1,9(2H,8H)...	368	C23H25FO3	079887-79-9	27





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Quant Title : SVOA CALIBRATION

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

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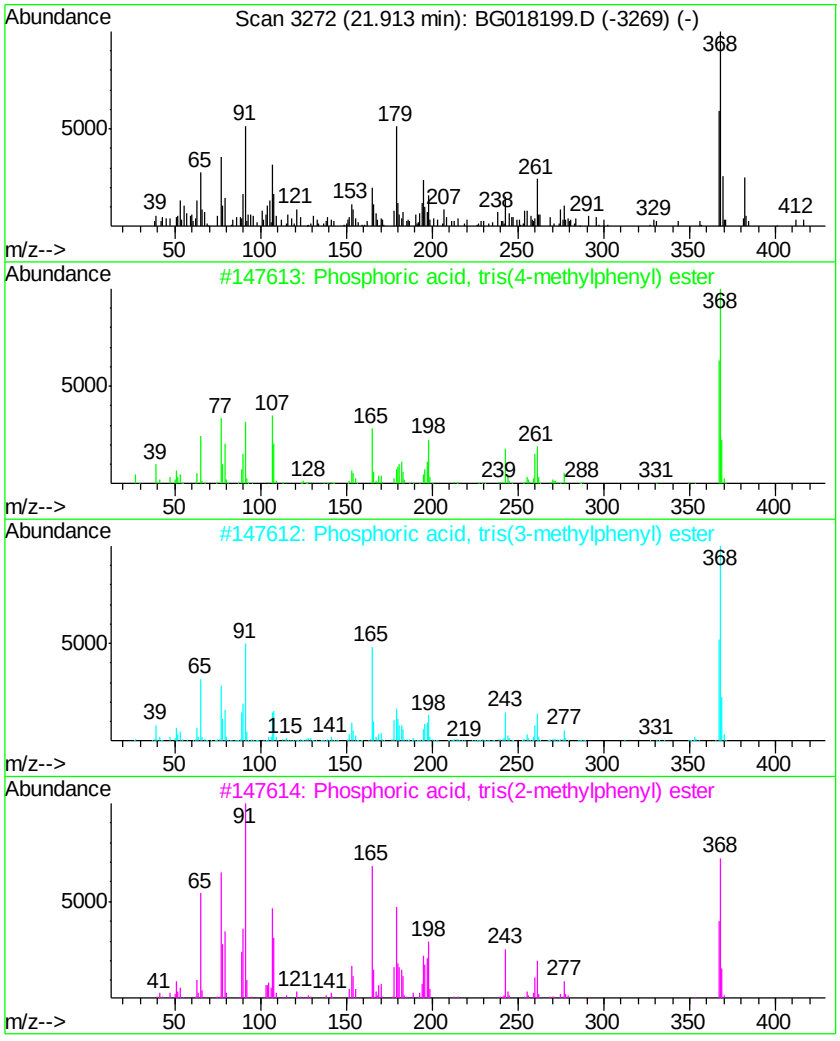
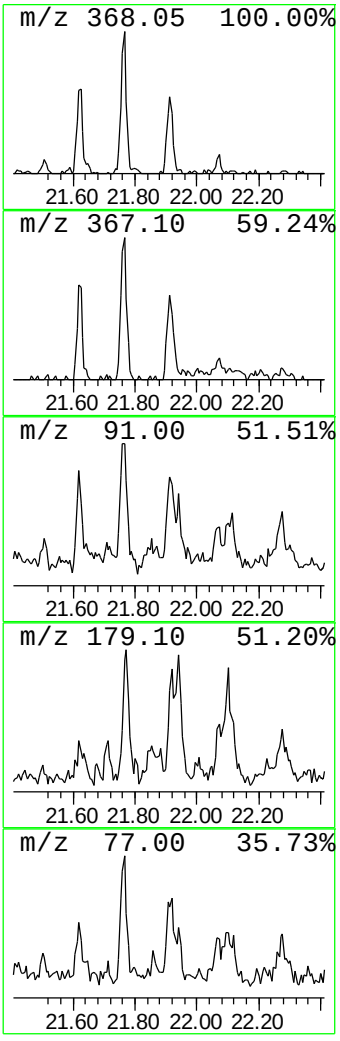
Peak Number 17 Phosphoric acid, tris(2-met... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	3.10 ng/ul	87070	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	91
2	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	83
3	Phosphoric acid, tris(2-methylph...	368	C21H21O4P	000078-30-8	76
4	Phosphoric acid, tris(3-methylph...	368	C21H21O4P	000563-04-2	70
5	Phosphoric acid, tris(4-methylph...	368	C21H21O4P	000078-32-0	49





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Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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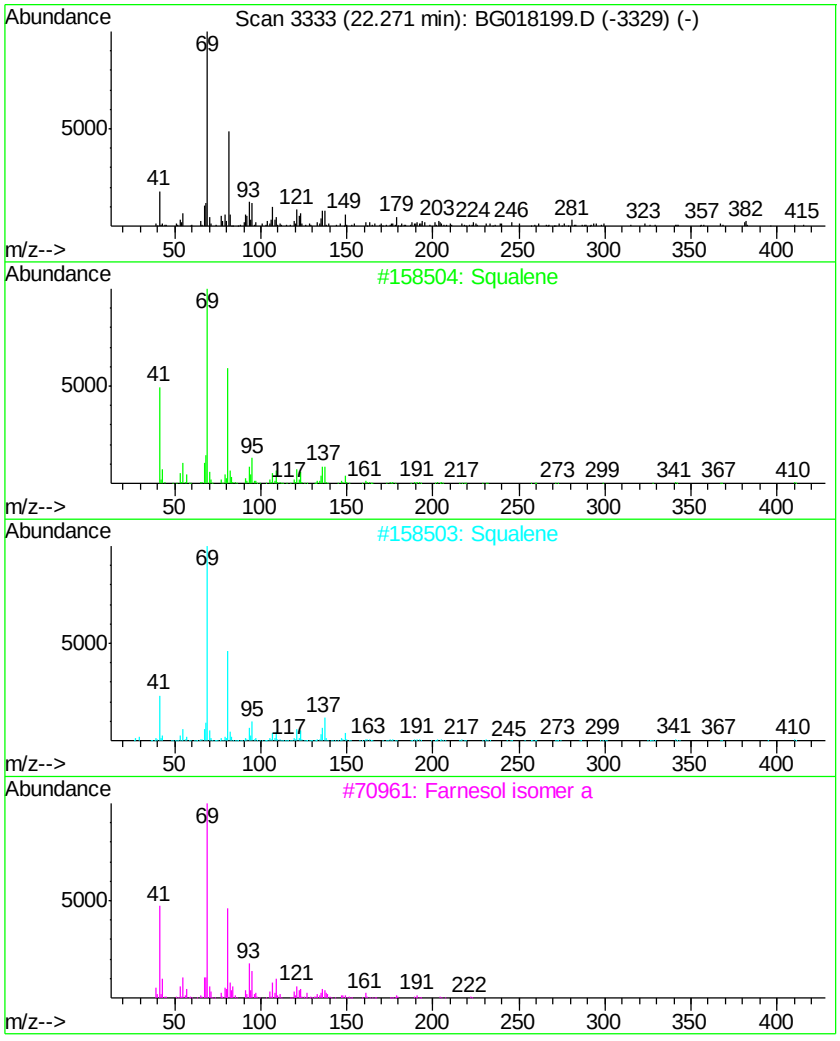
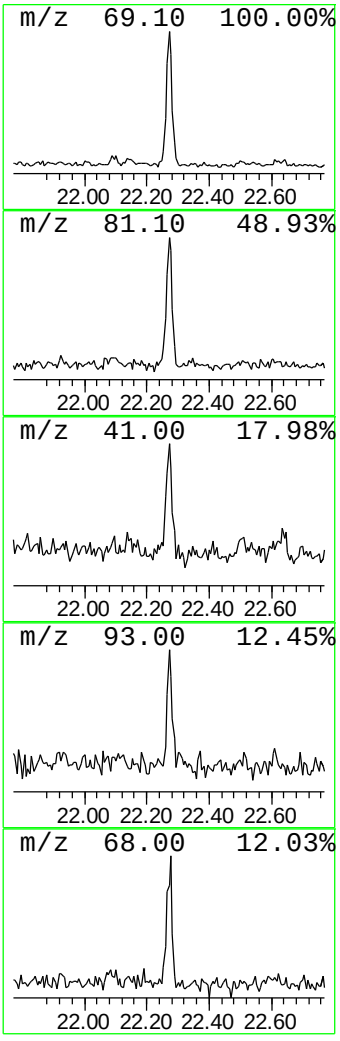
Peak Number 18 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	5.54 ng/ul	159433	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	74
2	Squalene	410	C30H50	007683-64-9	72
3	Farnesol isomer a	222	C15H26O	1000108-92-4	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64





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Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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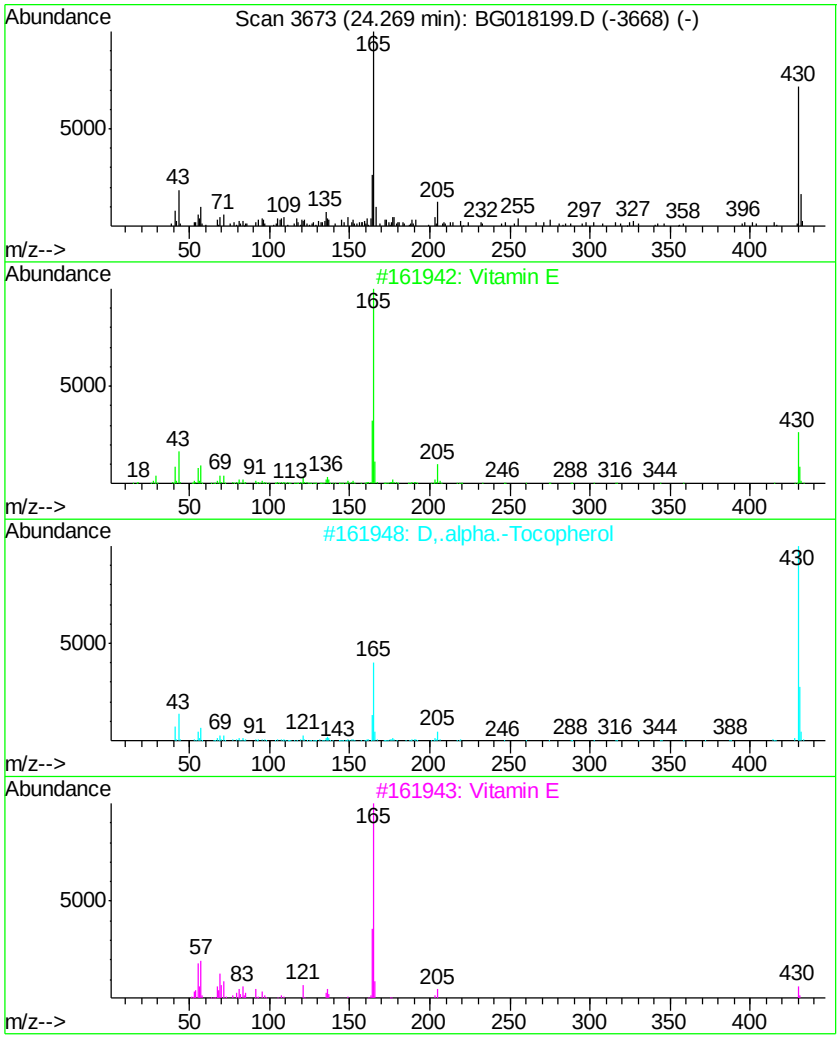
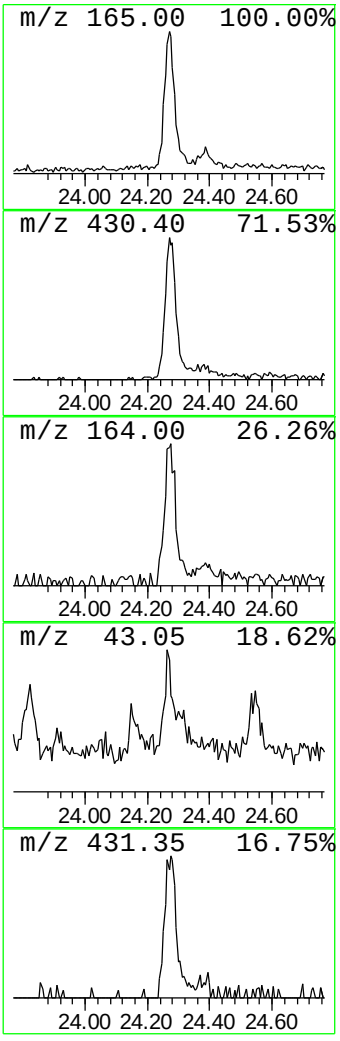
Peak Number 19 Vitamin E Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	4.28 ng/ul	122962	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vitamin E	430	C29H50O2	010191-41-0	95
2	D,.alpha.-Tocopherol	430	C29H50O2	1000128-08-6	94
3	Vitamin E	430	C29H50O2	000059-02-9	93
4	Vitamin E	430	C29H50O2	000059-02-9	91
5	Vitamin E	430	C29H50O2	000059-02-9	91





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Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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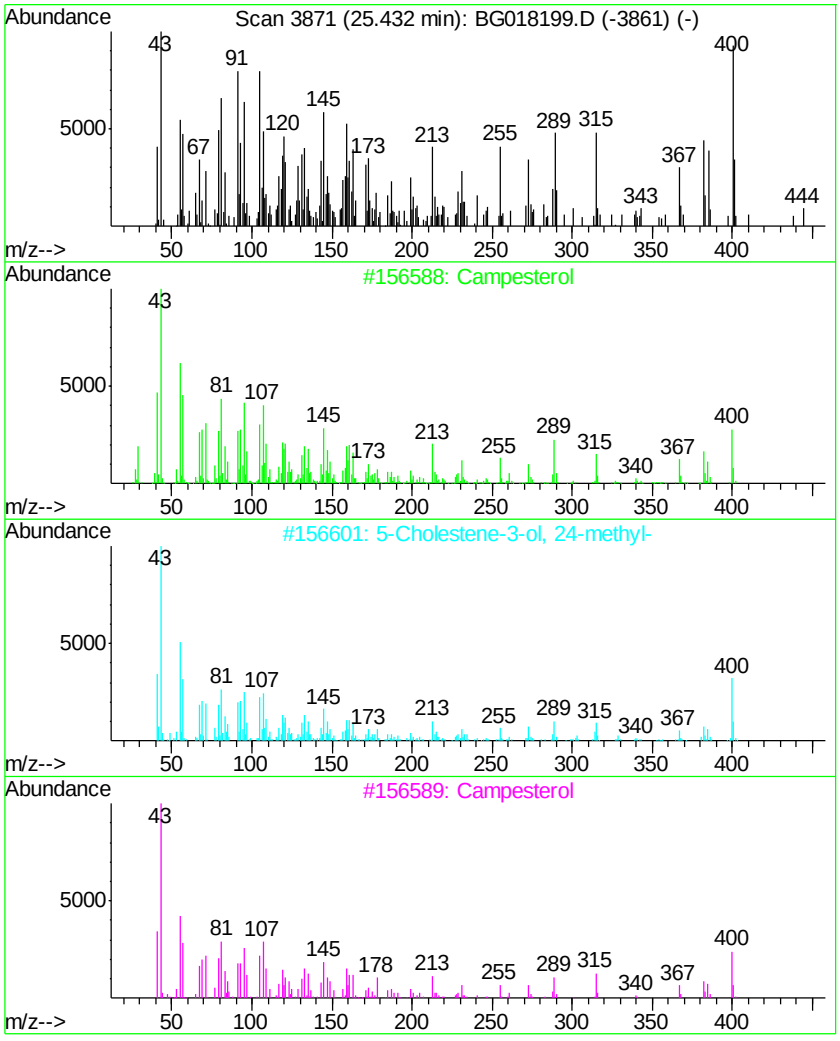
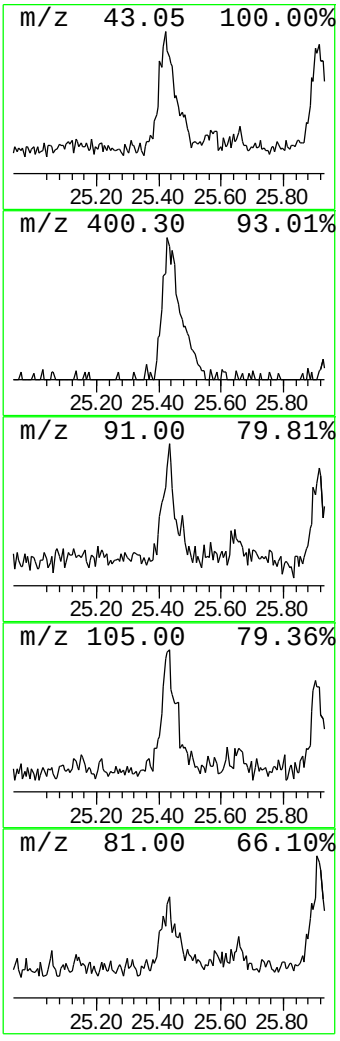
Peak Number 20 Campesterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.43	13.74 ng/ul	395314	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Campesterol	400	C28H48O	000474-62-4	91
2	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	90
3	Campesterol	400	C28H48O	000474-62-4	89
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	81
5	Ergost-8(14)-en-3-ol, (3.beta.)-	400	C28H48O	030365-65-2	64





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Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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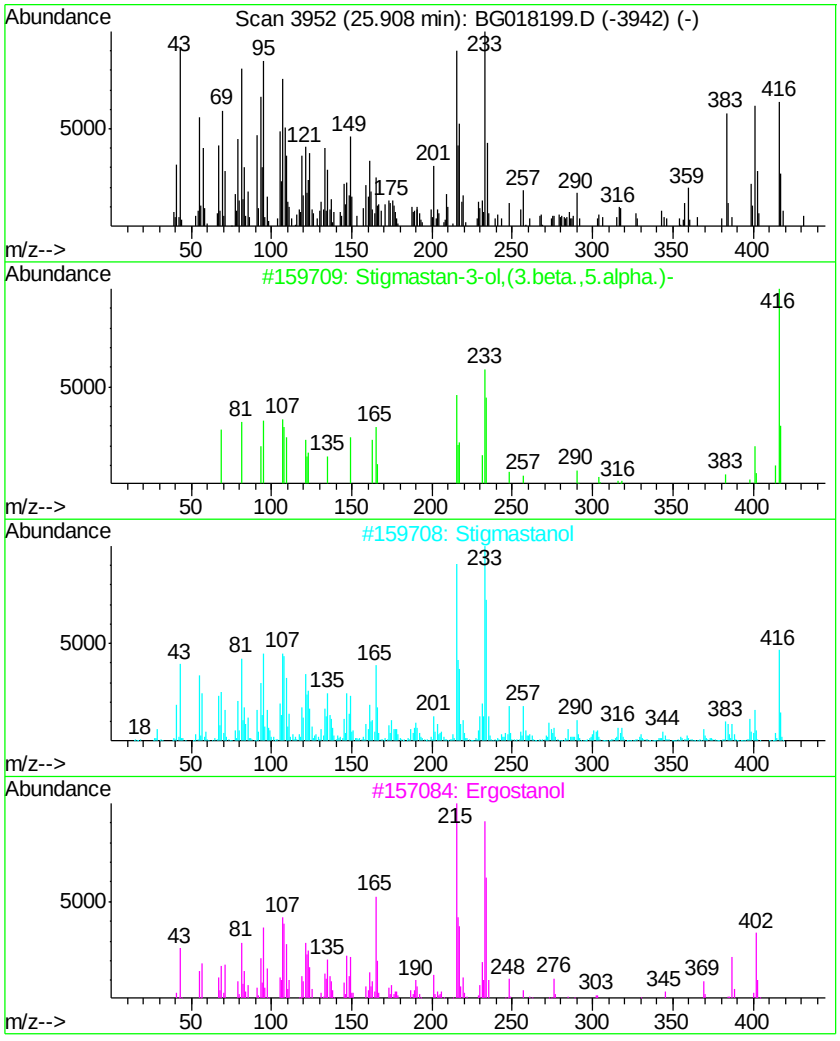
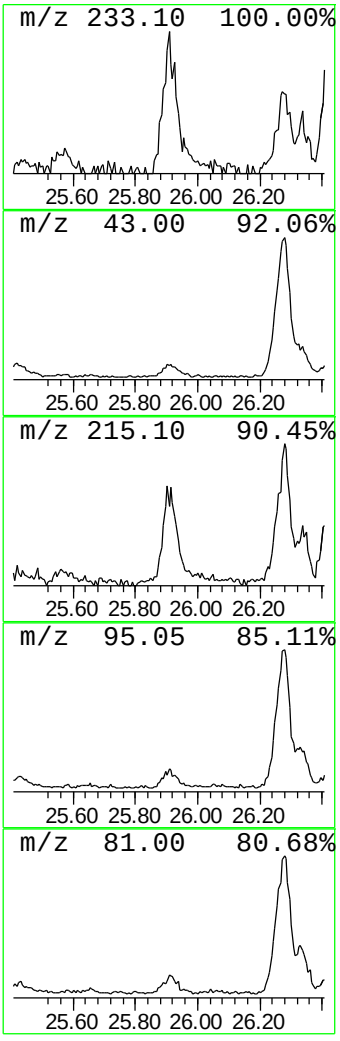
Peak Number 21 Stigmastan-3-ol,(3.beta.,5.... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	14.29 ng/ul	410988	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastan-3-ol,(3.beta.,5.alpha.)-	416	C29H52O	1000149-10-3	55
2	Stigmastanol	416	C29H52O	019466-47-8	49
3	Ergostanol	402	C28H50O	006538-02-9	27
4	Benzanthrene	216	C17H12	000199-94-0	25
5	Cholestan-3-ol, acetate, (3.beta.)-	430	C29H50O2	042995-53-9	22





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Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 22 Stigmasterol, 22,23-dihydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.28	176.50 ng/ul	5076510	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
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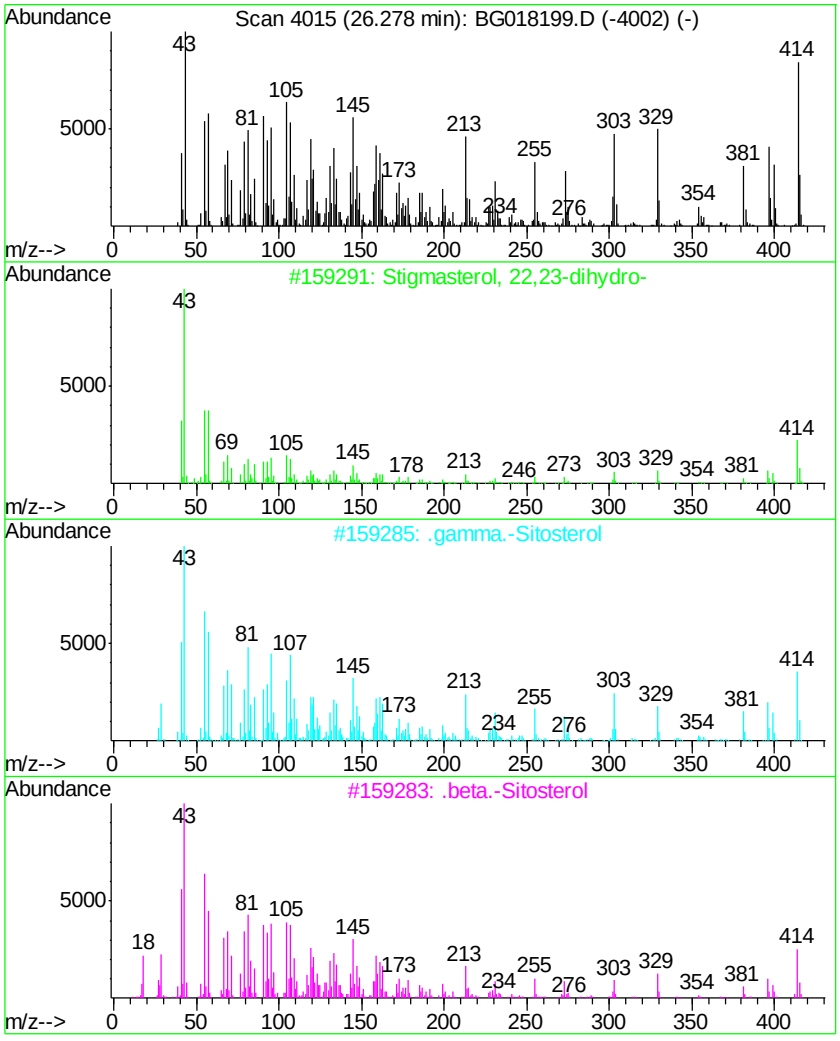
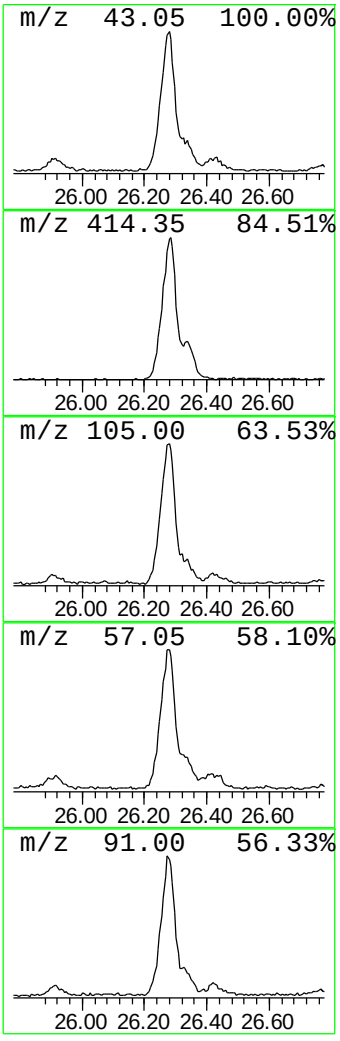
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	70





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Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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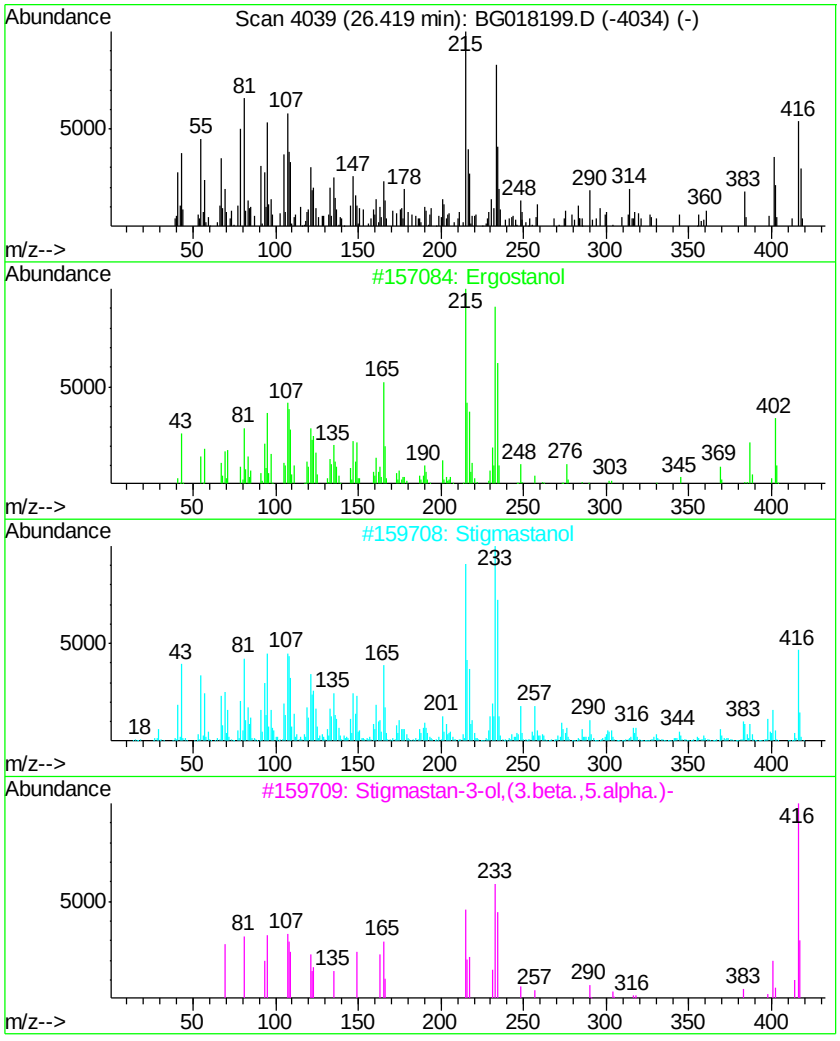
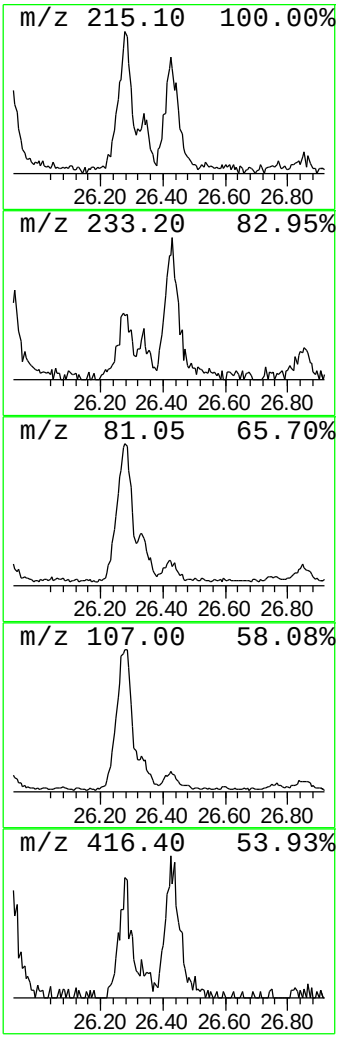
Peak Number 23 Ergostanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	13.14 ng/ul	378025	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergostanol	402	C28H50O	006538-02-9	53
2	Stigmastanol	416	C29H52O	019466-47-8	49
3	Stigmastan-3-ol,(3.beta.,5.alpha.)-	416	C29H52O	1000149-10-3	43
4	Cholestane, 3-ethoxy-, (3.beta.,...	416	C29H52O	002089-02-3	18
5	Benzanthrene	216	C17H12	000199-94-0	14





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Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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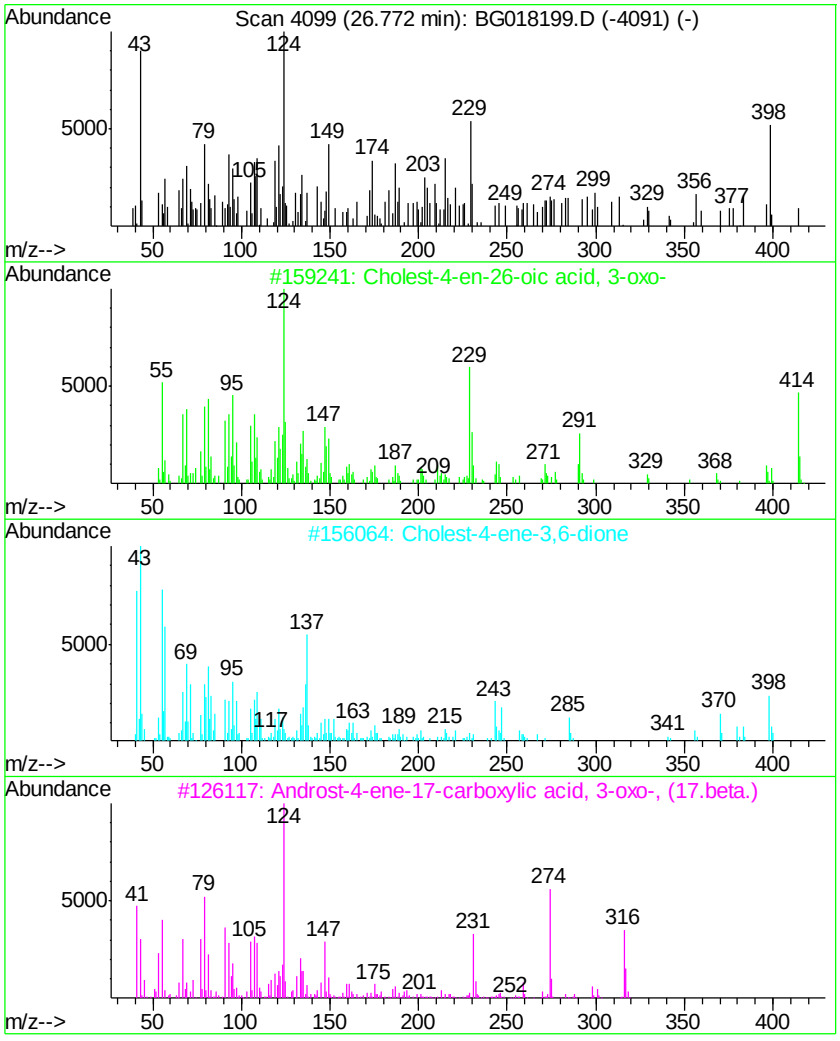
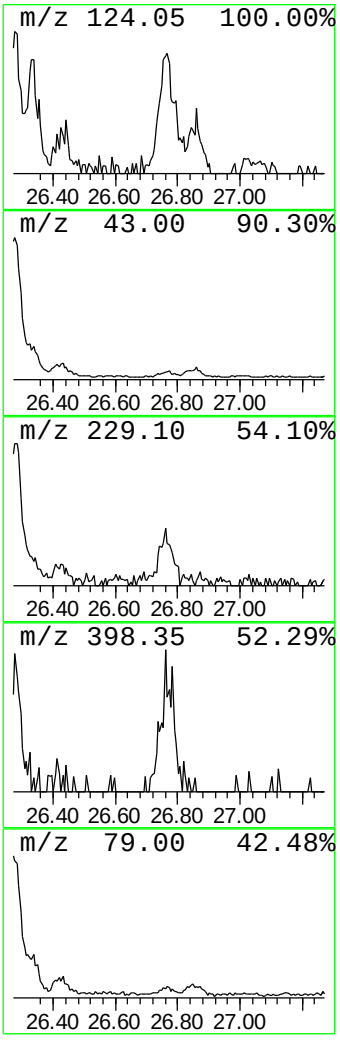
Peak Number 24 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	3.49 ng/ul	100411	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-26-oic acid, 3-oxo-	414	C27H42O3	023017-97-2	49
2	Cholest-4-ene-3,6-dione	398	C27H42O2	000984-84-9	30
3	Androst-4-ene-17-carboxylic acid...	316	C20H28O3	000302-97-6	30
4	Pyrimidine, 2-methoxy-5-methyl-	124	C6H8N2O	017758-07-5	22
5	2-Amino-4-methyl-3-pyridinol	124	C6H8N2O	020348-18-9	22





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Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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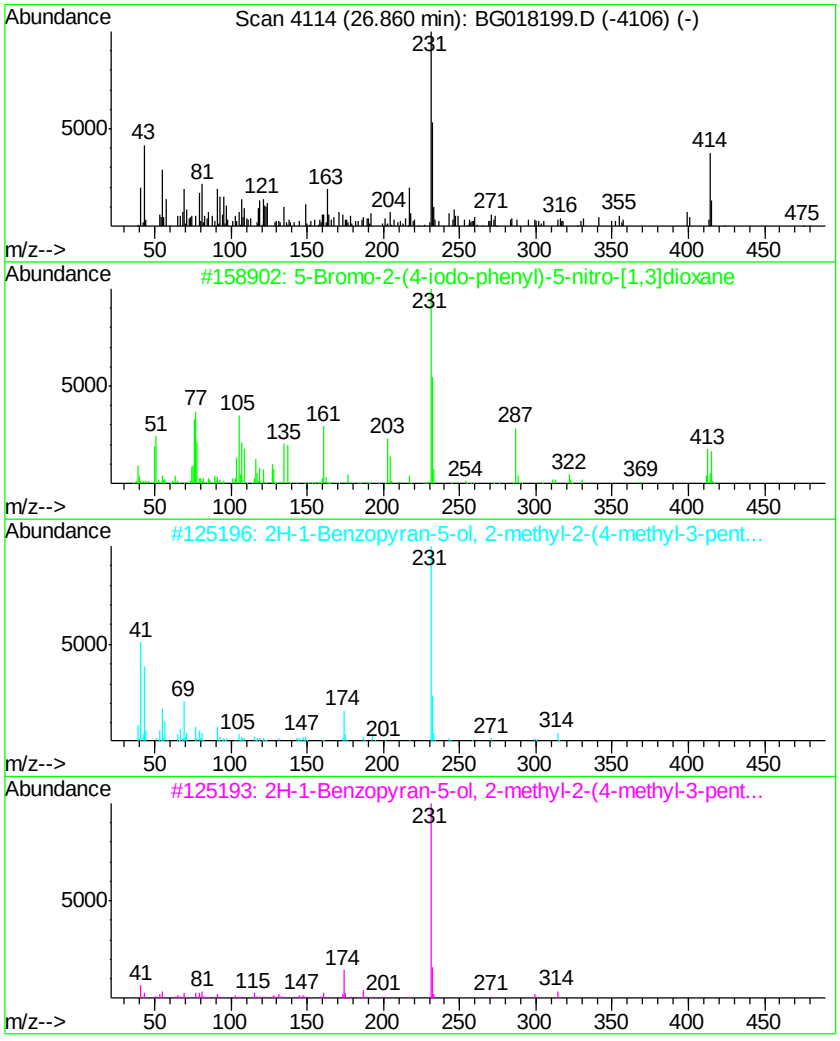
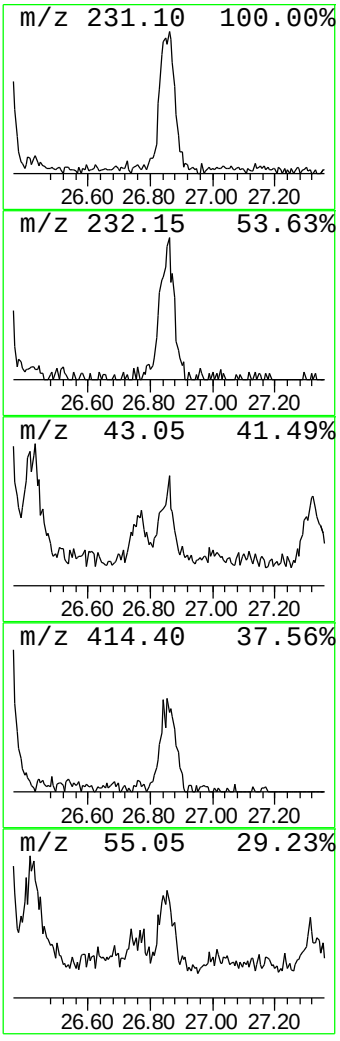
Peak Number 25 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.86	9.24 ng/ul	265829	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-(4-iodo-phenyl)-5-nitr...	413	C10H9BrINO4	1000278-54-7	42
2	2H-1-Benzopyran-5-ol, 2-methyl-2...	314	C21H30O2	018793-28-7	38
3	2H-1-Benzopyran-5-ol, 2-methyl-2...	314	C21H30O2	020675-51-8	35
4	Pyrimido[5,4-b]pyrido[3,2-d]thie...	231	C11H9N3OS	201681-22-3	35
5	Tricyclo[5.2.1.0(2,6)]dec-8-ene-...	414	C27H26O4	1000158-61-2	35





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Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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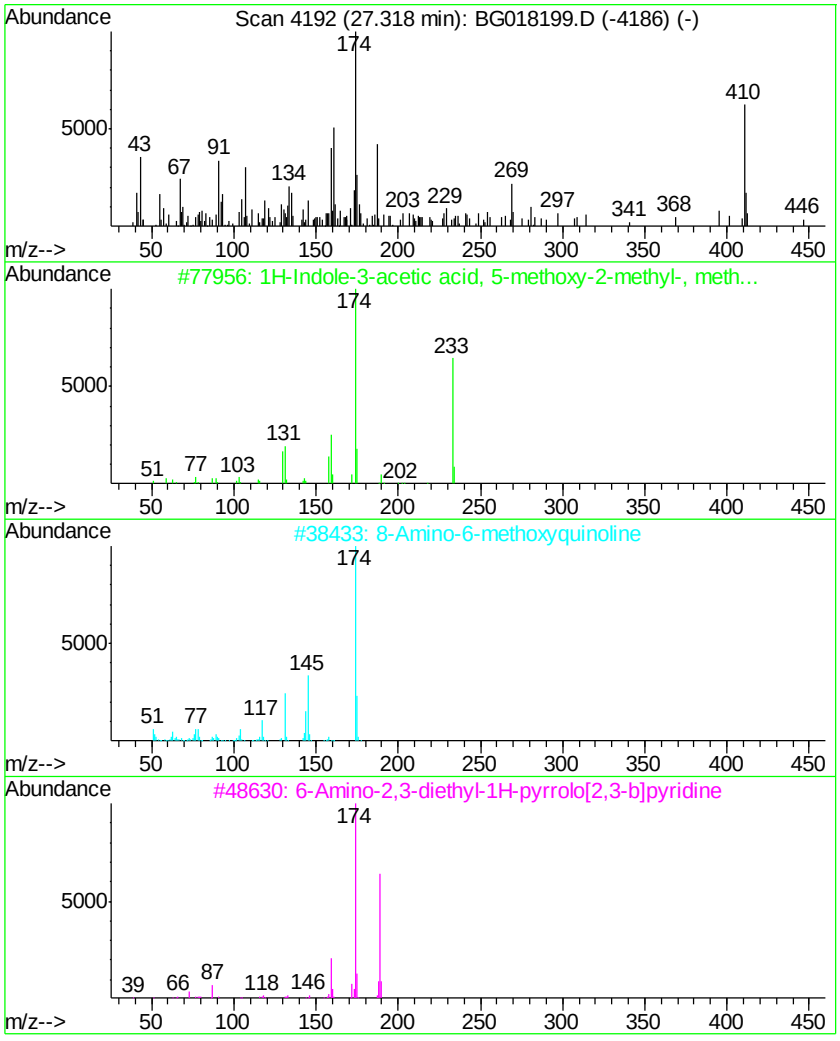
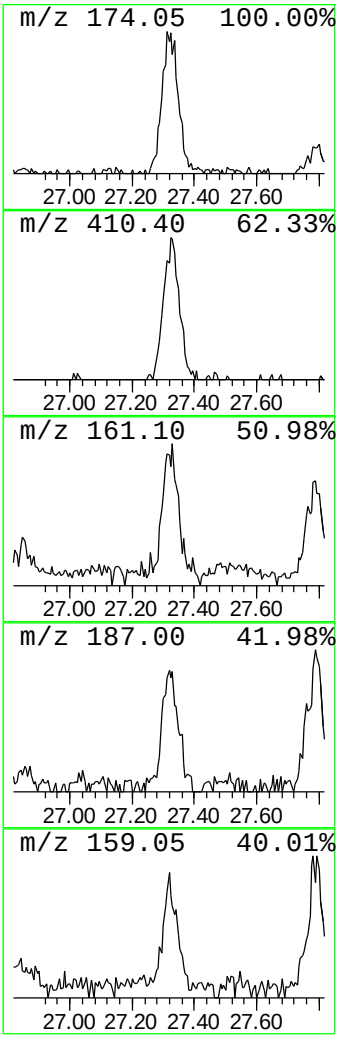
Peak Number 26 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.32	8.57 ng/ul	246575	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-3-acetic acid, 5-metho...	233	C13H15NO3	007588-36-5	27
2	8-Amino-6-methoxyquinoline	174	C10H10N2O	000090-52-8	27
3	6-Amino-2,3-diethyl-1H-pyrrolo[2...	189	C11H15N3	055463-66-6	25
4	2-Methoxy-7-methylquinoxaline	174	C10H10N2O	1000103-05-6	22
5	2-(3-Fluorophenyl)pyrimidine	174	C10H7FN2	068049-16-1	18





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Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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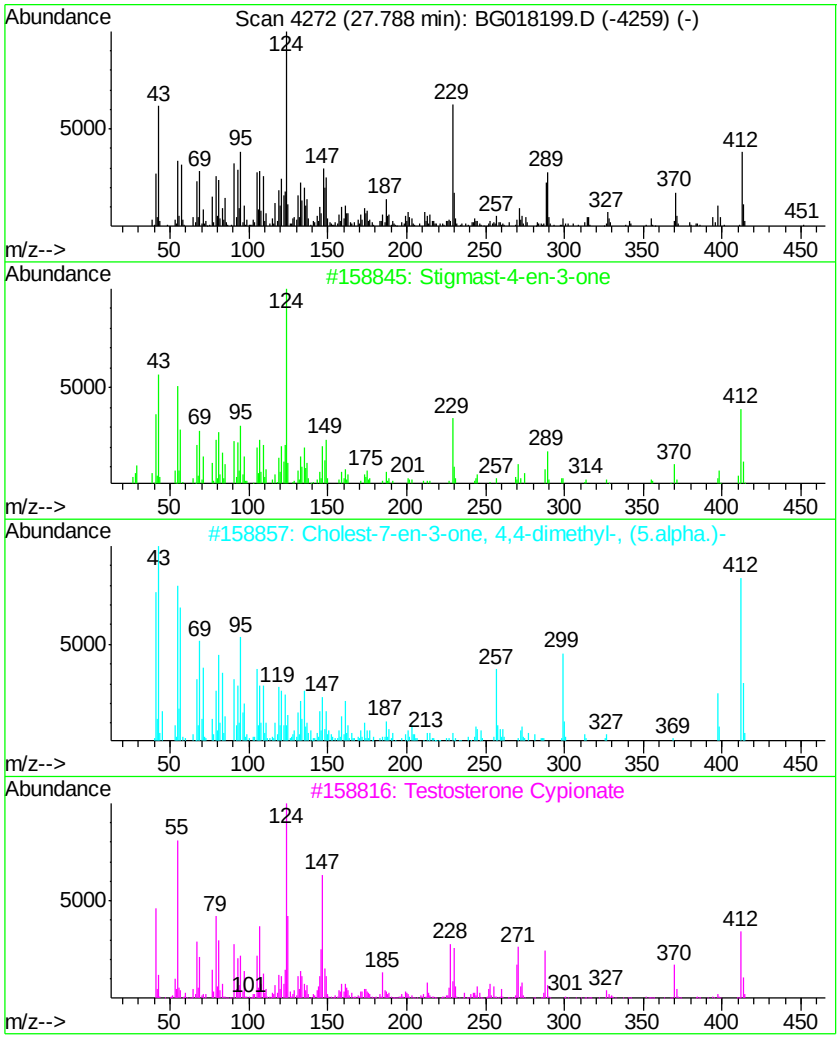
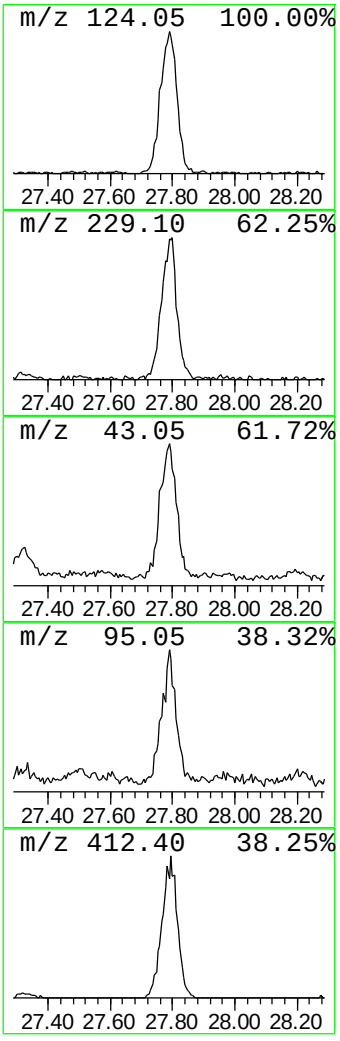
Peak Number 27 Stigmast-4-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.79	43.98 ng/ul	1264910	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	94
2	Cholest-7-en-3-one, 4,4-dimethyl...	412	C29H48O	002604-90-2	55
3	Testosterone Cypionate	412	C27H40O3	000058-20-8	50
4	Testosterone	288	C19H28O2	000058-22-0	49
5	Testosterone	288	C19H28O2	000058-22-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018199.D
Acq On : 1 Aug 2015 2:16
Operator : TP/UM
Sample : G3073-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01N8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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
Hexanal	4.06	2.7	ng/ul	27948	1	7.48	205563	20.0
unknown-01	6.54	4.0	ng/ul	40586	1	7.48	205563	20.0
Methyl 4,8-dimeth...	14.08	2.0	ng/ul	53677	3	14.15	527356	20.0
2(3H)-Furanone, 5...	16.03	4.0	ng/ul	110013	4	16.91	555830	20.0
Tetradecanoic acid	16.35	18.8	ng/ul	521934	4	16.91	555830	20.0
(DEL) Alkane: Cyc...	17.74	3.3	ng/ul	92331	4	16.91	555830	20.0
n-Hexadecanoic acid	17.85	78.8	ng/ul	2190990	4	16.91	555830	20.0
(DEL) Alkane: Cyc...	18.63	3.0	ng/ul	83676	4	16.91	555830	20.0
Octadecanoic acid	19.12	5.3	ng/ul	148711	5	21.11	561505	20.0
(DEL) Alkane: Str...	19.52	3.6	ng/ul	100378	5	21.11	561505	20.0
(DEL) Alkane: Cyc...	19.60	4.5	ng/ul	126979	5	21.11	561505	20.0
1,8-Diazacyclotet...	19.94	3.4	ng/ul	94592	5	21.11	561505	20.0
4,8,12,16-Tetrame...	20.21	6.0	ng/ul	167515	5	21.11	561505	20.0
Heptafluorobutano...	20.84	3.1	ng/ul	87288	5	21.11	561505	20.0
Phosphoric acid, ...	21.62	2.0	ng/ul	57060	5	21.11	561505	20.0
Phosphoric acid, ...	21.77	4.1	ng/ul	113880	5	21.11	561505	20.0
Phosphoric acid, ...	21.91	3.1	ng/ul	87070	5	21.11	561505	20.0
Squalene	22.27	5.5	ng/ul	159433	6	23.29	575228	20.0
Vitamin E	24.27	4.3	ng/ul	122962	6	23.29	575228	20.0
Campesterol	25.43	13.7	ng/ul	395314	6	23.29	575228	20.0
Stigmastan-3-ol,(...	25.91	14.3	ng/ul	410988	6	23.29	575228	20.0
Stigmasterol, 22,...	26.28	176.5	ng/ul	5076510	6	23.29	575228	20.0
Ergostanol	26.42	13.1	ng/ul	378025	6	23.29	575228	20.0
unknown-02	26.77	3.5	ng/ul	100411	6	23.29	575228	20.0
unknown-03	26.86	9.2	ng/ul	265829	6	23.29	575228	20.0
unknown-04	27.32	8.6	ng/ul	246575	6	23.29	575228	20.0
Stigmast-4-en-3-one	27.79	44.0	ng/ul	1264910	6	23.29	575228	20.0