LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

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-BG111615.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.084	37	42	50	rBV2	51525	88743	6.07%	0.501%
2	3.167	50	56	74	rVB	504716	724856	49.54%	4.088%
3	3.449	97	104	109	rVB4	2559	5010	0.34%	0.028%
4	3.807	163	165	170	rVB4	2527	2761	0.19%	0.016%
5	4.612	296	302	305	rBV3	2275	3551	0.24%	0.020%
6	6.510	621	625	632	rBV2	2141	3516	0.24%	0.020%
7	7.291	752	758	767	rVB2	29303	54887	3.75%	0.310%
8	7.462	781	787	794	rBV	97622	153898	10.52%	0.868%
9	7.673	817	823	832	rBB	102521	168065	11.49%	0.948%
10	8.149	896	904	909	rBV	105602	172088	11.76%	0.971%
11	8.196	909	912	918	rVB2	7762	12053	0.82%	0.068%
12	8.854	1015	1024	1030	rBV2	92052	156986	10.73%	0.885%
13	9.248	1084	1091	1097	rBV2	13820	22539	1.54%	0.127%
14	9.318	1097	1103	1110	rVV	133597	236987	16.20%	1.337%
15	10.047	1218	1227	1234	rBV	123396	217934	14.90%	1.229%
16	10.587	1313	1319	1329	rBV	176357	316515	21.63%	1.785%
17	10.875	1361	1368	1372	rBV2	4100	6987	0.48%	0.039%
18	10.975	1378	1385	1392	rBV	152920	269236	18.40%	1.519%
19	11.110	1402	1408	1413	rBV2	1473	2973	0.20%	0.017%
20	11.751	1512	1517	1520	rBV2	2077	3274	0.22%	0.018%
21	12.244	1595	1601	1605	rBV3	10527	14713	1.01%	0.083%
22	12.544	1648	1652	1657	rBB2	2844	4398	0.30%	0.025%
23	13.137	1747	1753	1758	rVB3	3266	4552	0.31%	0.026%
24	13.231	1765	1769	1774	rBV2	1402	2402	0.16%	0.014%
25	13.378	1791	1794	1798	rVB2	4582	6212	0.42%	0.035%
26	13.660	1836	1842	1843	rBV2	4104	5218	0.36%	0.029%
27	13.695	1843	1848	1855	rVB	44278	70077	4.79%	0.395%
28	14.177	1923	1930	1936	rBV	414549	577089	39.44%	3.255%
29	14.477	1974	1981	1989	rVB	407870	635184	43.41%	3.583%
30	14.782	2026	2033	2040	rBV2	301283	487009	33.29%	2.747%
31	14.847	2040	2044	2048	rVB	6282	8532	0.58%	0.048%
32	14.970	2058	2065	2074	rBV	40786	68067	4.65%	0.384%
33	15.170	2094	2099	2104	rBV4	5378	8061	0.55%	0.045%
34	15.441	2139	2145	2150	rVB	10226	13653	0.93%	0.077%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

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-BG111615.M
Title : SVOA CALIBRATION

35	15.499	2153	2155	2159	rBV2	1860	2342	0.16%	0.013%
36	15.558	2160	2165	2167	rBV3	3644	5157	0.35%	0.029%
37	15.770	2194	2201	2208	rVB	590215	879882	60.14%	4.963%
38	15.881	2214	2220	2230	rBV	183765	268086	18.32%	1.512%
39	16.005	2237	2241	2246	rBV	5693	8384	0.57%	0.047%
40	16.122	2254	2261	2268	rVB3	3791	6439	0.44%	0.036%
41	16.292	2283	2290	2294	rBV	17043	21842	1.49%	0.123%
42	16.345	2294	2299	2305	rVB	32158	40285	2.75%	0.227%
43	16.704	2356	2360	2365	rBV3	7082	11309	0.77%	0.064%
44	16.751	2367	2368	2373	rVB4	2716	3276	0.22%	0.018%
45	17.103	2424	2428	2430	rBV2	2099	2507	0.17%	0.014%
46	17.203	2439	2445	2448	rBV3	7044	9506	0.65%	0.054%
47	17.291	2452	2460	2470	rVB3	50706	84512	5.78%	0.477%
48	17.520	2493	2499	2507	rVB	471440	692908	47.36%	3.908%
49	17.620	2509	2516	2526	rVV2	684843	1026396	70.15%	5.789%
50	17.767	2536	2541	2546	rBV	402508	517022	35.34%	2.916%
51	17.820	2546	2550	2556	rVB	819360	985649	67.37%	5.559%
52	18.043	2585	2588	2592	rBV3	2082	2898	0.20%	0.016%
53	18.102	2592	2598	2602	rVB	3763	4806	0.33%	0.027%
54	18.173	2603	2610	2616	rBV2	96725	122030	8.34%	0.688%
55	18.337	2634	2638	2641	rBV2	2079	2497	0.17%	0.014%
56	18.378	2642	2645	2651	rVV3	7207	8900	0.61%	0.050%
57	18.460	2656	2659	2662	rVB	4005	4209	0.29%	0.024%
58	18.502	2662	2666	2670	rBV6	3312	5331	0.36%	0.030%
59	18.643	2684	2690	2694	rBV5	10509	18185	1.24%	0.103%
60	18.713	2696	2702	2706	rVB2	48281	75558	5.16%	0.426%
61	18.978	2741	2747	2749	rBV4	3723	5674	0.39%	0.032%
62	19.072	2759	2763	2767	rBV	117073	139772	9.55%	0.788%
63	19.119	2767	2771	2776	rVB	249257	271580	18.56%	1.532%
64	19.530	2837	2841	2846	rVB	7845	10217	0.70%	0.058%
65	19.788	2881	2885	2889	rVB3	11877	15197	1.04%	0.086%
66	19.894	2897	2903	2914	rVB	913488	1463067	100.00%	8.252%
67	19.988	2917	2919	2925	rVB3	12526	14251	0.97%	0.080%
68	20.106	2936	2939	2945	rVB2	4108	4366	0.30%	0.025%
69	20.188	2948	2953	2956	rBV	548076	628985	42.99%	3.548%
70	20.223	2956	2959	2964	rVB	1084580	1158763	79.20%	6.536%
71	20.535	3009	3012	3018	rBV3	13737	18053	1.23%	0.102%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

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-BG111615.M
Title : SVOA CALIBRATION

72	20.822	3058	3061	3066	rVB5	7414	9313	0.64%	0.053%
73	20.881	3068	3071	3074	rVV4	8747	13093	0.89%	0.074%
74	20.922	3074	3078	3079	rVV4	14922	22110	1.51%	0.125%
75	20.946	3079	3082	3088	rVV5	29270	42948	2.94%	0.242%
76	20.999	3088	3091	3095	rVV5	7122	10639	0.73%	0.060%
77	21.052	3097	3100	3106	rVB4	8890	15003	1.03%	0.085%
78	21.175	3116	3121	3124	rBV	182805	215830	14.75%	1.217%
79	21.216	3124	3128	3133	rVB	351914	423466	28.94%	2.388%
80	21.604	3192	3194	3199	rBV5	5804	8056	0.55%	0.045%
81	21.792	3219	3226	3234	rVB	578552	932365	63.73%	5.259%
82	21.939	3248	3251	3257	rBV5	8941	14076	0.96%	0.079%
83	21.992	3257	3260	3265	rVV5	8537	11851	0.81%	0.067%
84	22.045	3265	3269	3272	rVB4	8333	11642	0.80%	0.066%
85	22.291	3306	3311	3315	rBV	73434	114193	7.81%	0.644%
86	22.338	3315	3319	3326	rVB	148181	219641	15.01%	1.239%
87	23.225	3463	3470	3474	rBV3	41917	79278	5.42%	0.447%
88	23.272	3475	3478	3485	rVB5	20081	39640	2.71%	0.224%
89	23.366	3490	3494	3501	rBV6	17304	29347	2.01%	0.166%
90	23.731	3550	3556	3560	rBV3	46791	88265	6.03%	0.498%
91	23.790	3560	3566	3575	rVB2	100681	208346	14.24%	1.175%
92	24.107	3616	3620	3625	rBV7	8095	17464	1.19%	0.099%
93	24.882	3741	3752	3763	rBV	431486	1188368	81.22%	6.703%
94	25.112	3780	3791	3806	rVB2	304053	891169	60.91%	5.027%
95	26.263	3981	3987	3995	rVB2	9876	28317	1.94%	0.160%
96	26.381	4005	4007	4011	rBV3	3275	2774	0.19%	0.016%
97	27.127	4133	4134	4137	rBV3	3478	3862	0.26%	0.022%
98	27.274	4154	4159	4161	rBV5	8433	15000	1.03%	0.085%
99	27.932	4269	4271	4276	rBV5	3001	2712	0.19%	0.015%
100	29.124	4472	4474	4478	rBV3	2690	2778	0.19%	0.016%

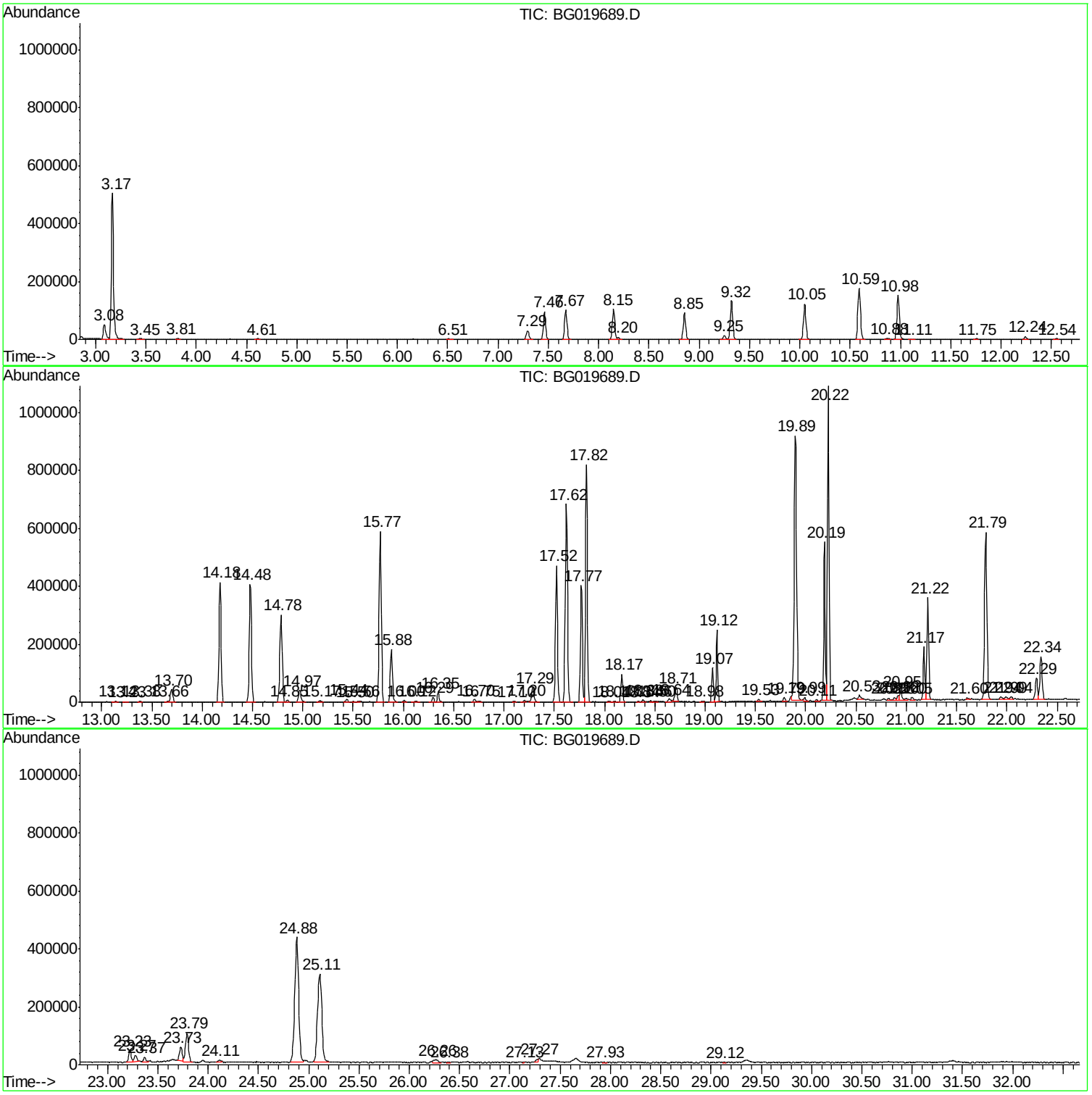
Sum of corrected areas: 17729413

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

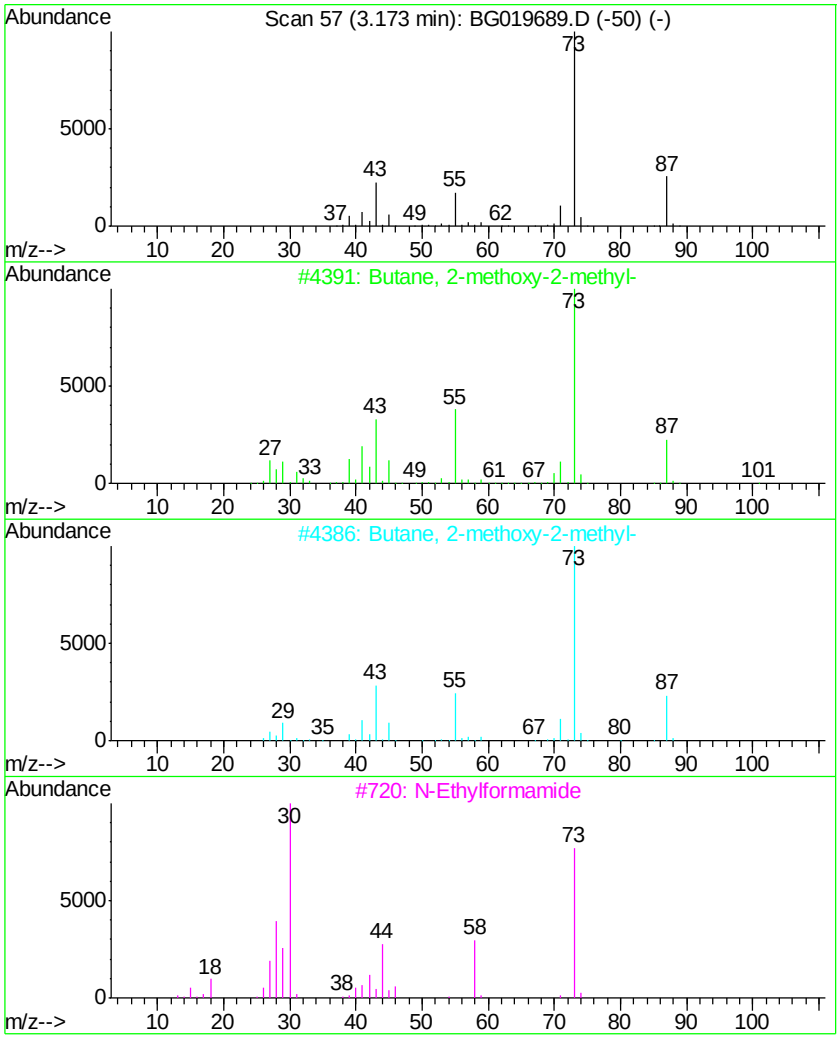
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

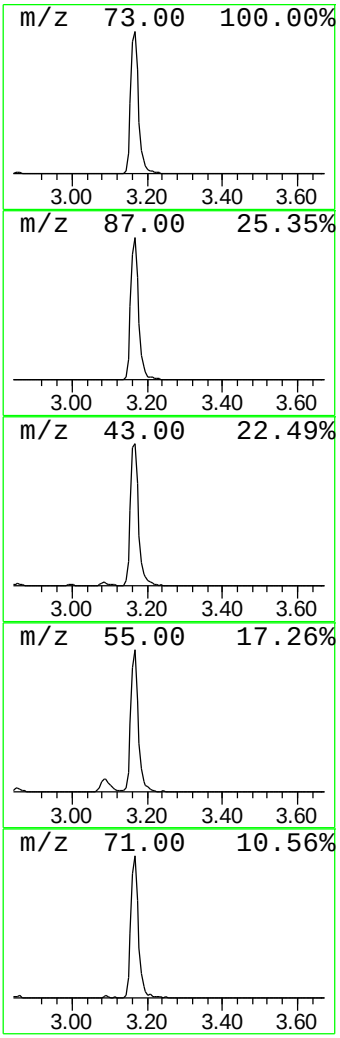
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	84.24 ng/ul	724856	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

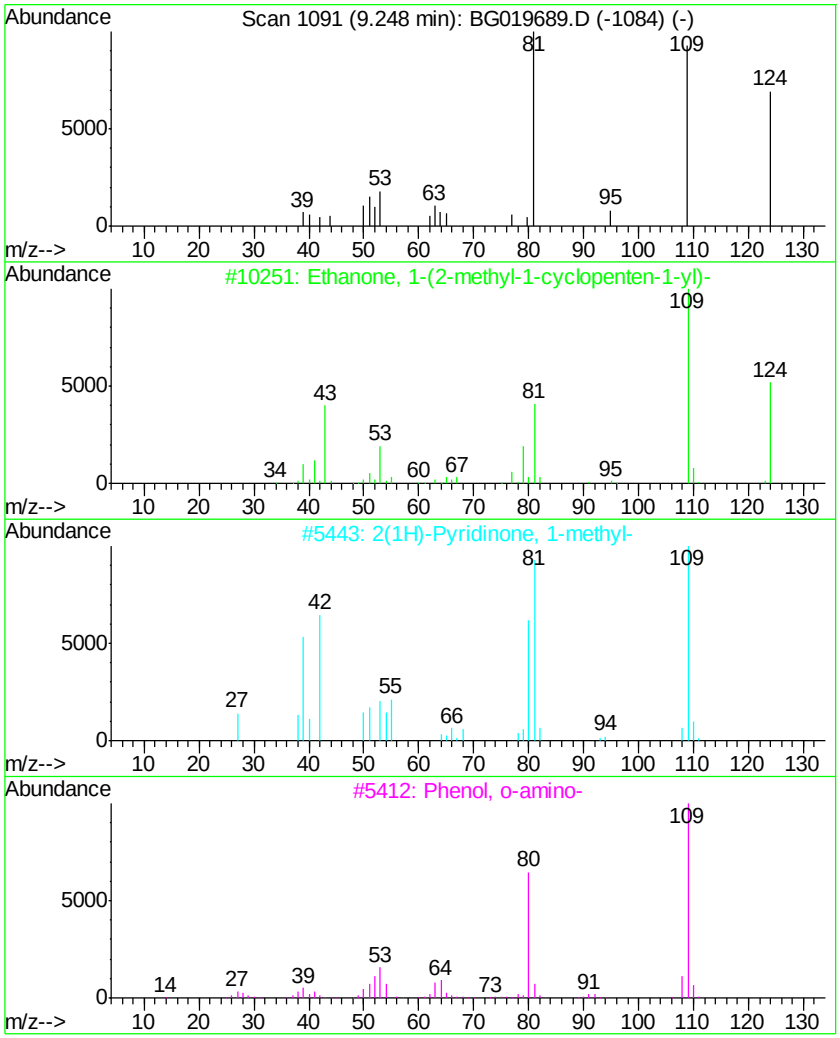
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

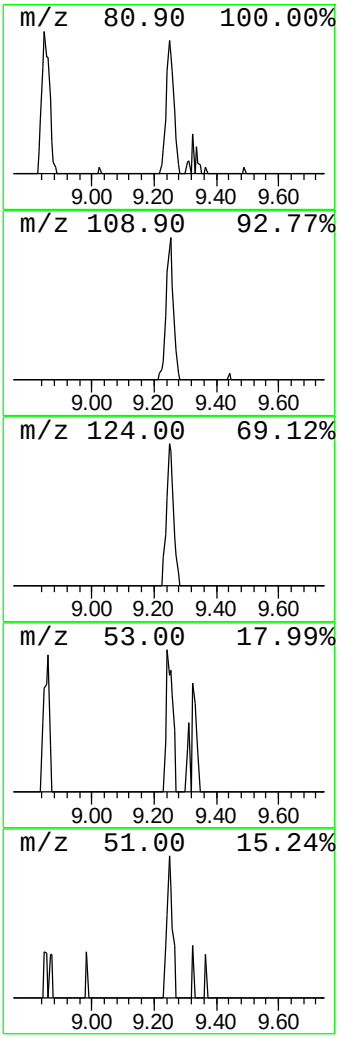
****

Peak Number 3 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.62 ng/ul	22539	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	43
2	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	40
3	Phenol, o-amino-	109	C6H7NO	000095-55-6	35
4	2(1H)-Pyridinone, 5-methyl-	109	C6H7NO	001003-68-5	27
5	Phenol, 3-methoxy-	124	C7H8O2	000150-19-6	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

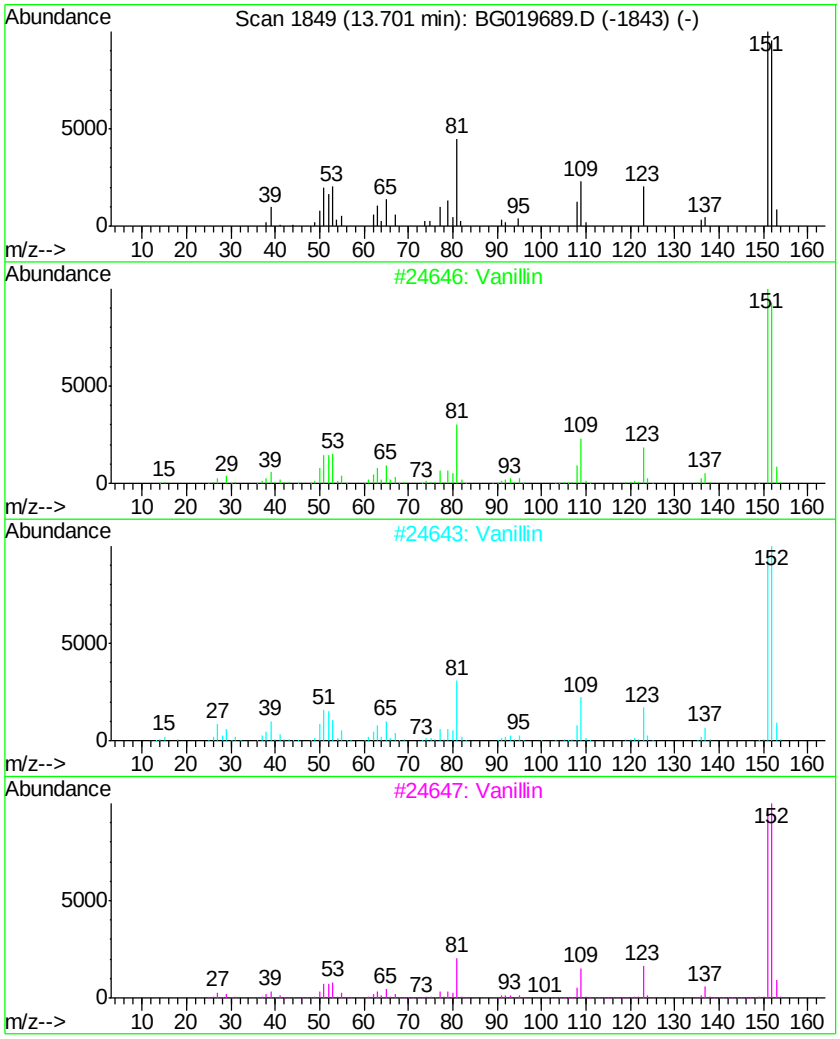
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

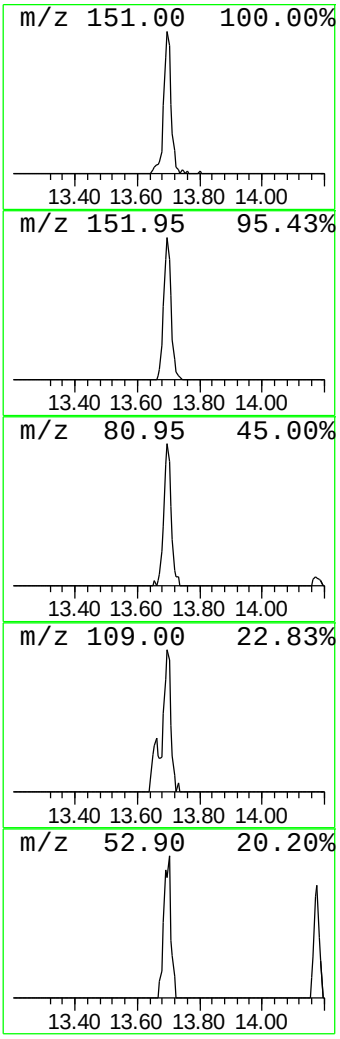
****

Peak Number 4 Vanillin Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.88 ng/ul	70077	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	94
2	Vanillin	152	C8H8O3	000121-33-5	93
3	Vanillin	152	C8H8O3	000121-33-5	91
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	91
5	3-Hydroxy-4-methoxymandelic acid	198	C9H10O5	003695-24-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

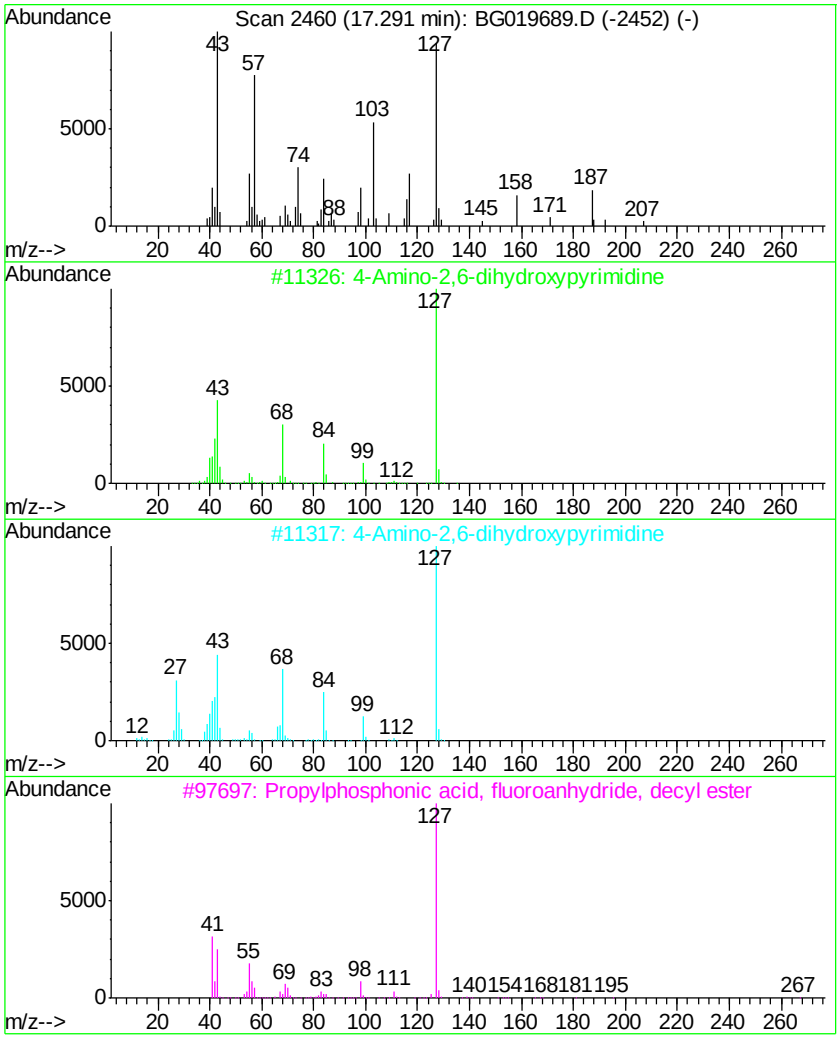
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

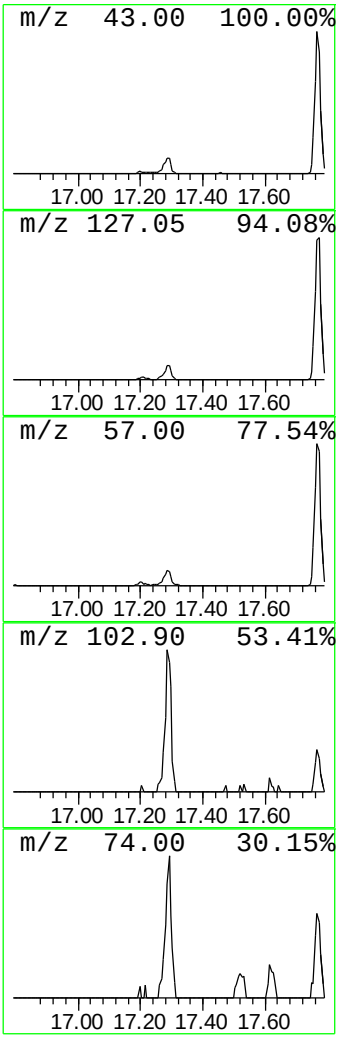
****

Peak Number 5 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.44 ng/ul	84512	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	35
2	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	25
3	Propylphosphonic acid, fluoroanh...	266	C13H28FO2P	333416-22-1	22
4	Phosphonofluoridic acid, propyl-...	252	C12H26FO2P	333416-21-0	16
5	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

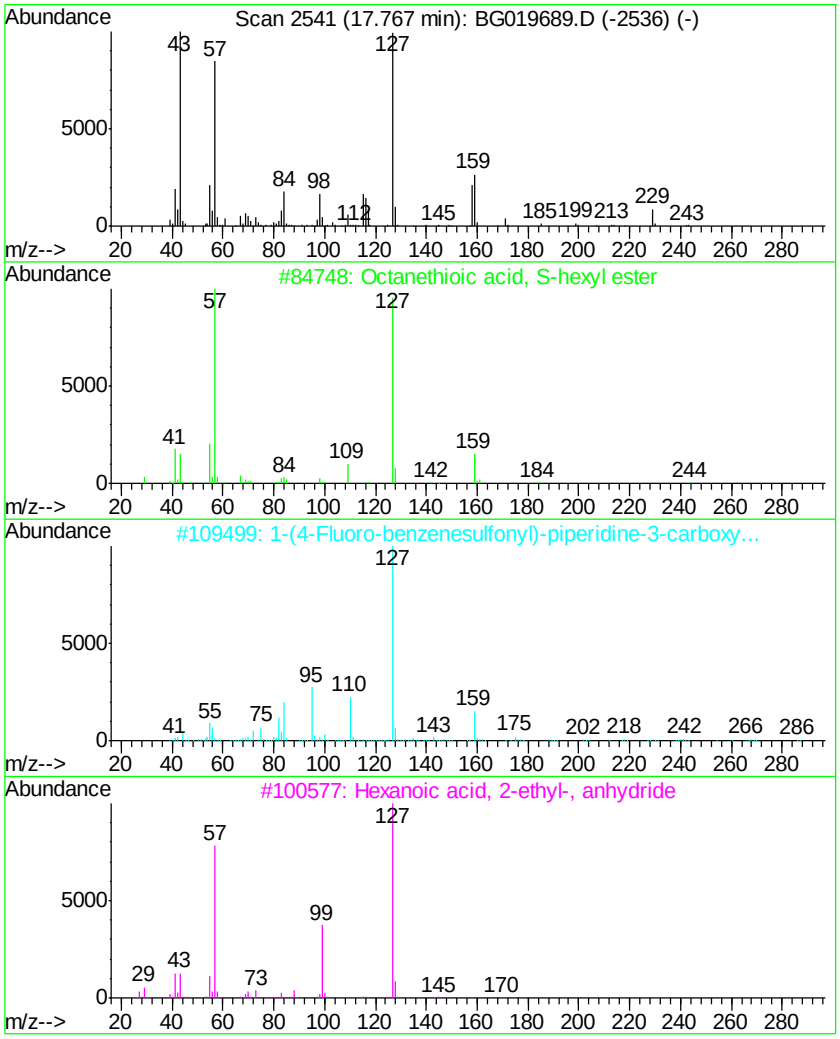
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

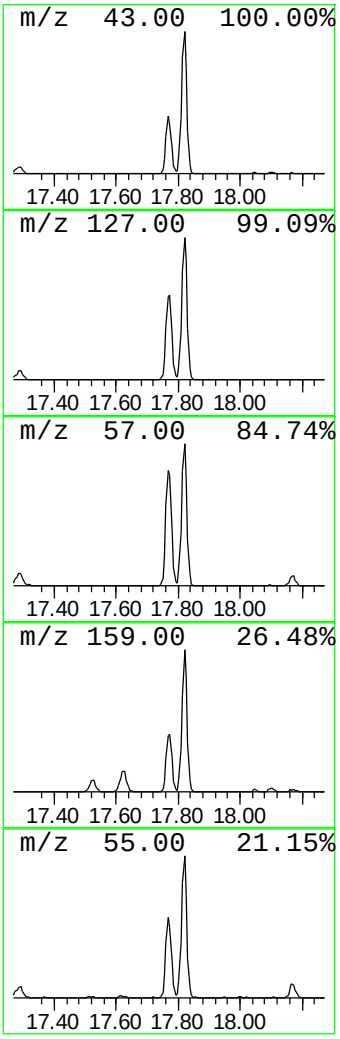
****

Peak Number 6 Octanethioic acid, S-hexyl ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	14.92 ng/ul	517022	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	53
2	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	47
3	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	43
4	Phosphonofluoridic acid, (1-meth...	238	C11H24FO2P	333416-34-5	38
5	Octanoic acid, 2,6-dibromo-4-cya...	401	C15H17Br2NO2	001689-99-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

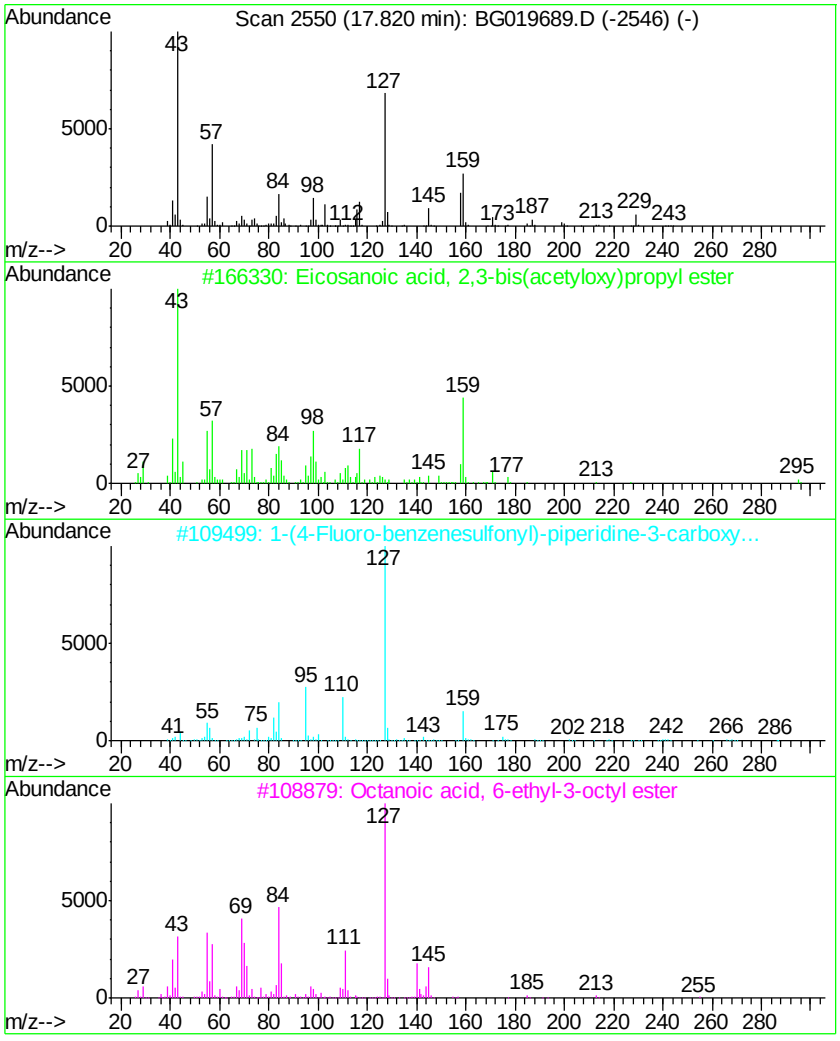
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

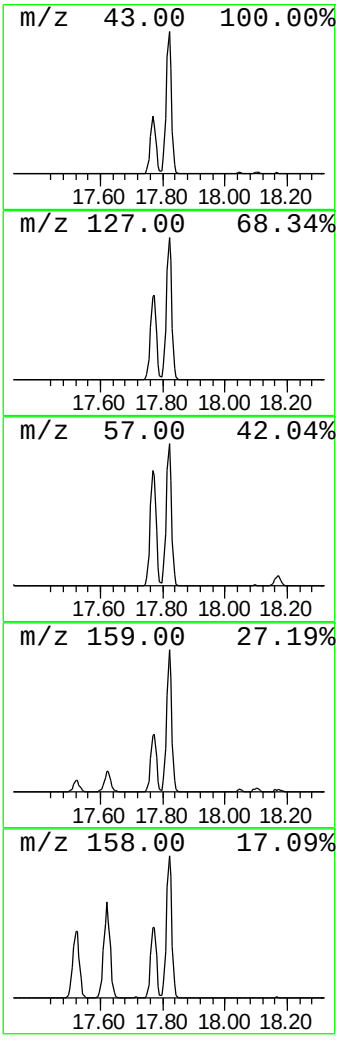
****

Peak Number 7 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	28.45 ng/ul	985649	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetyloxy...	470	C27H50O6	055429-67-9	25
2	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	25
3	Octanoic acid, 6-ethyl-3-octyl e...	284	C18H36O2	1000282-67-8	25
4	Octanoic acid, 4-tetradecyl ester	340	C22H44O2	1000280-62-9	25
5	Propylphosphonic acid, fluoroanh...	238	C11H24FO2P	1000273-50-7	16





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Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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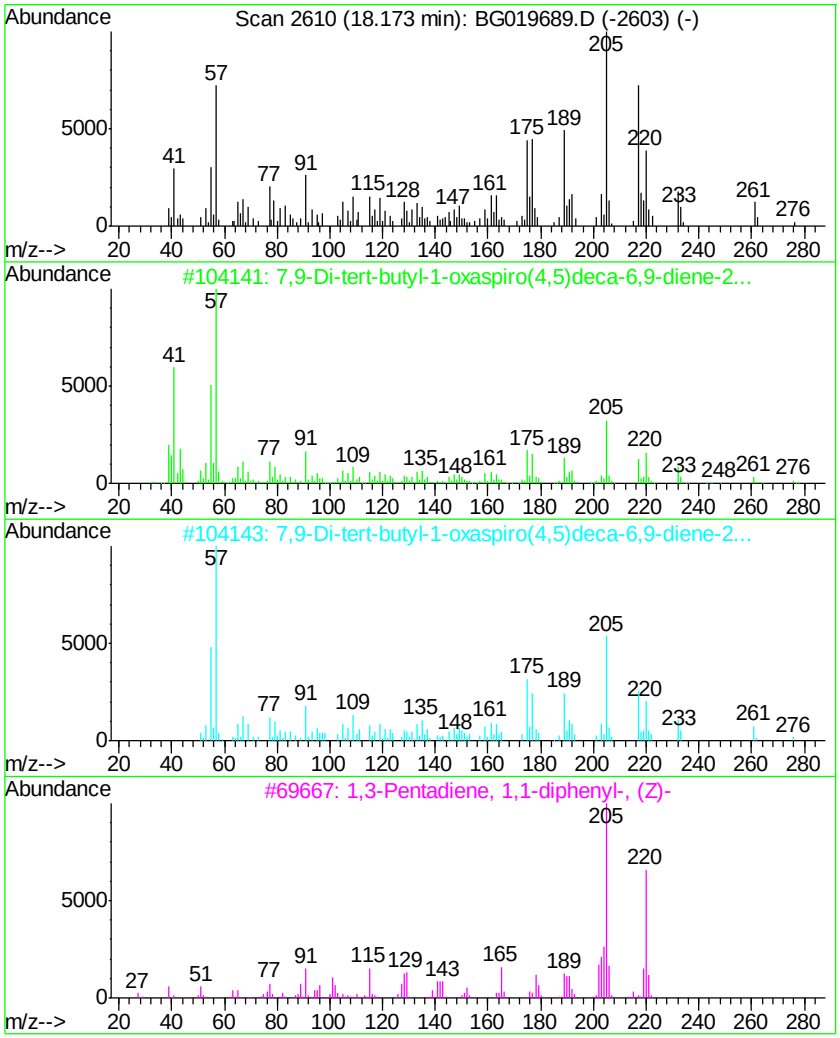
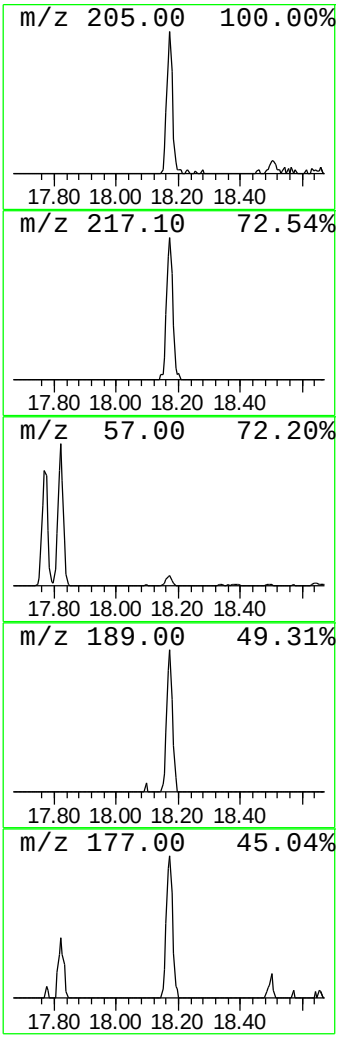
Peak Number 8 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.52 ng/ul	122030	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	68
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	50
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	44
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38
5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	38





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Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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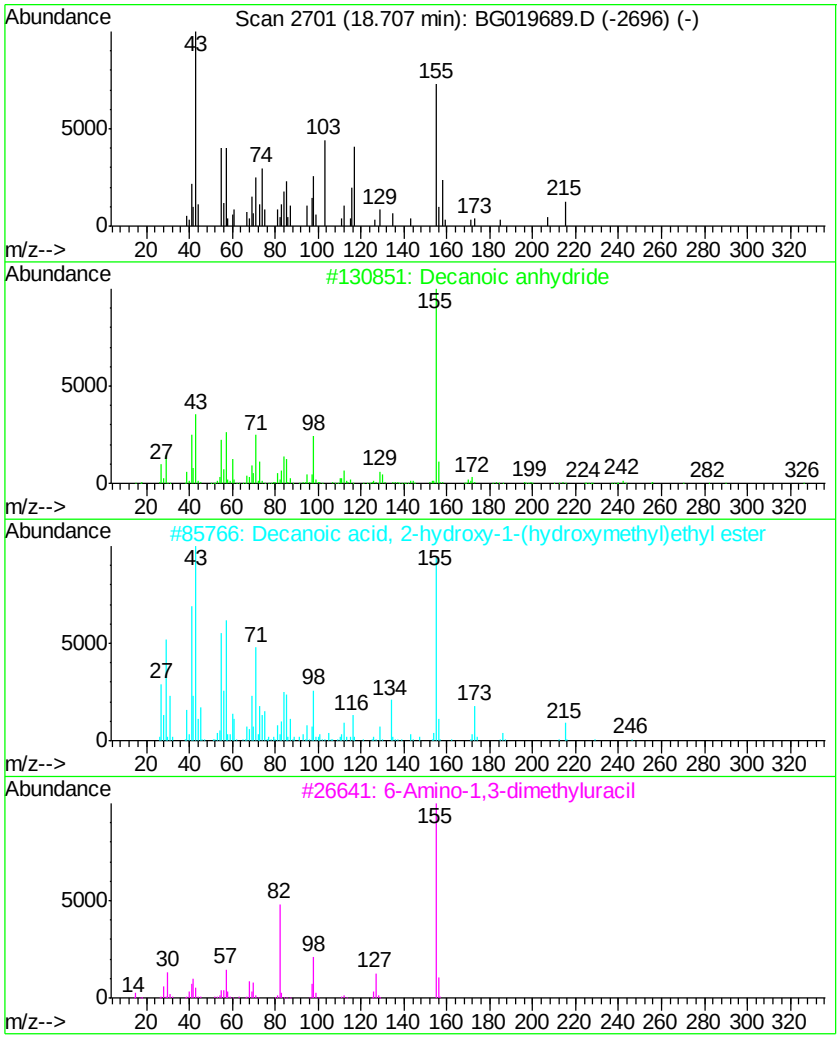
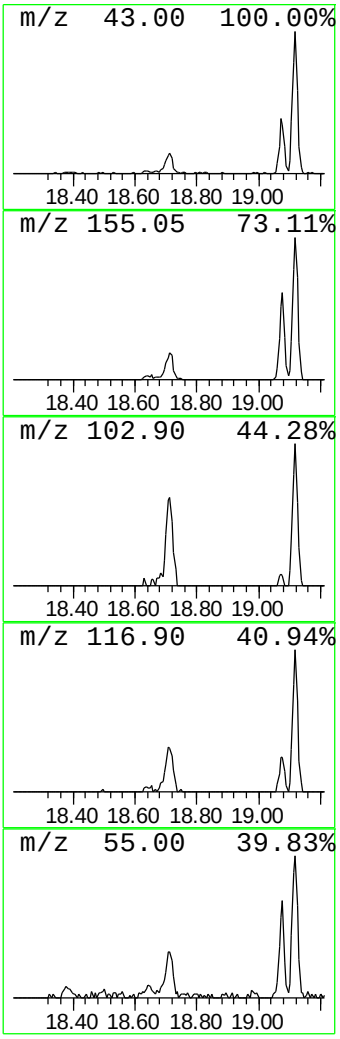
Peak Number 9 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	2.18 ng/ul	75558	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic anhydride	326	C20H38O3	002082-76-0	32
2	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	28
3	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	27
4	Vinyl decanoate	198	C12H22O2	004704-31-8	27
5	3-Pyridinol, 6-methyl-2-(methylt...	155	C7H9NOS	023003-25-0	22





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Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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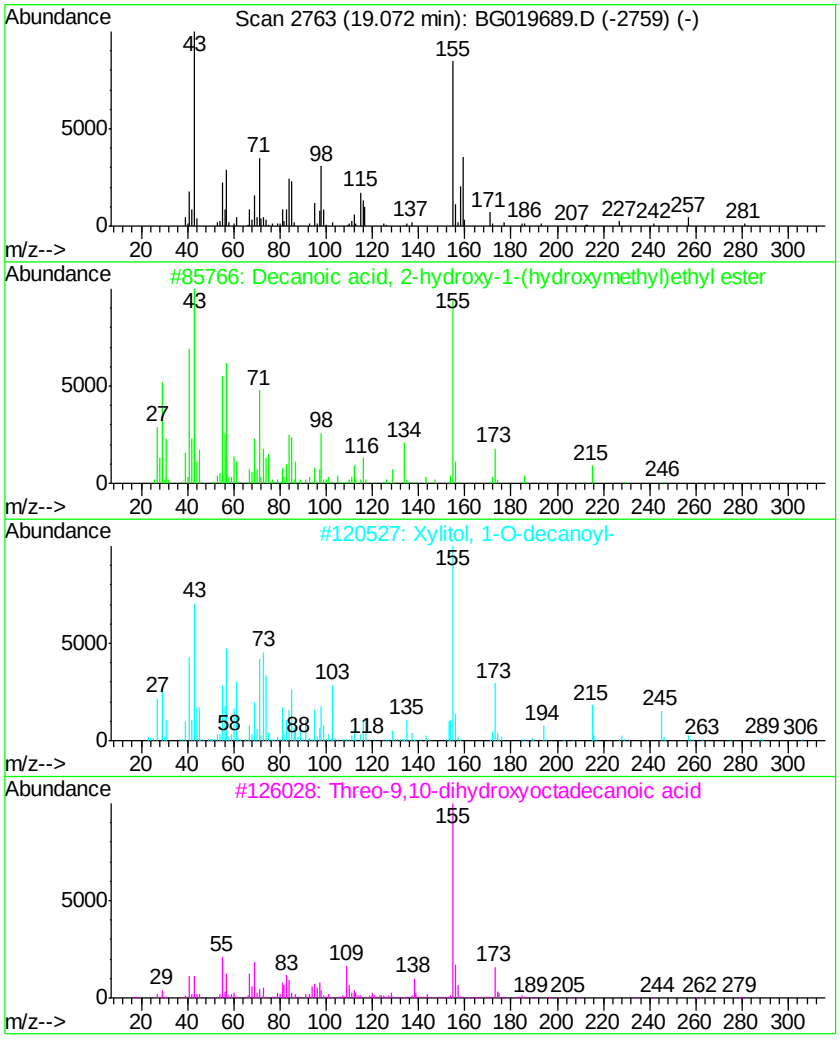
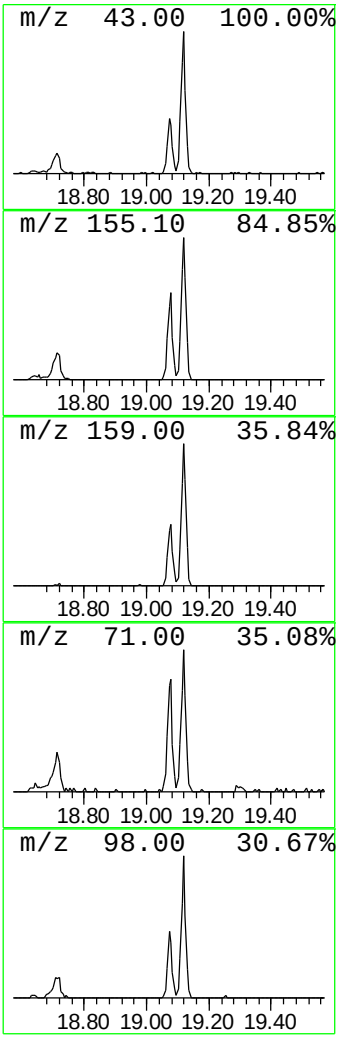
Peak Number 10 Decanoic acid, 2-hydroxy-1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	4.03 ng/ul	139772	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-hydroxy-1-(hydr...	246	C13H26O4	003376-48-5	53
2	Xylitol, 1-O-decanoyl-	306	C15H30O6	1000155-78-0	42
3	Threo-9,10-dihydroxyoctadecanoic...	316	C18H36O4	002391-05-1	25
4	Erythro-9,10-dihydroxyoctadecano...	316	C18H36O4	003639-32-5	25
5	Cyclohexanol, 4-(1,1-dimethyleth...	196	C13H24O	025201-49-4	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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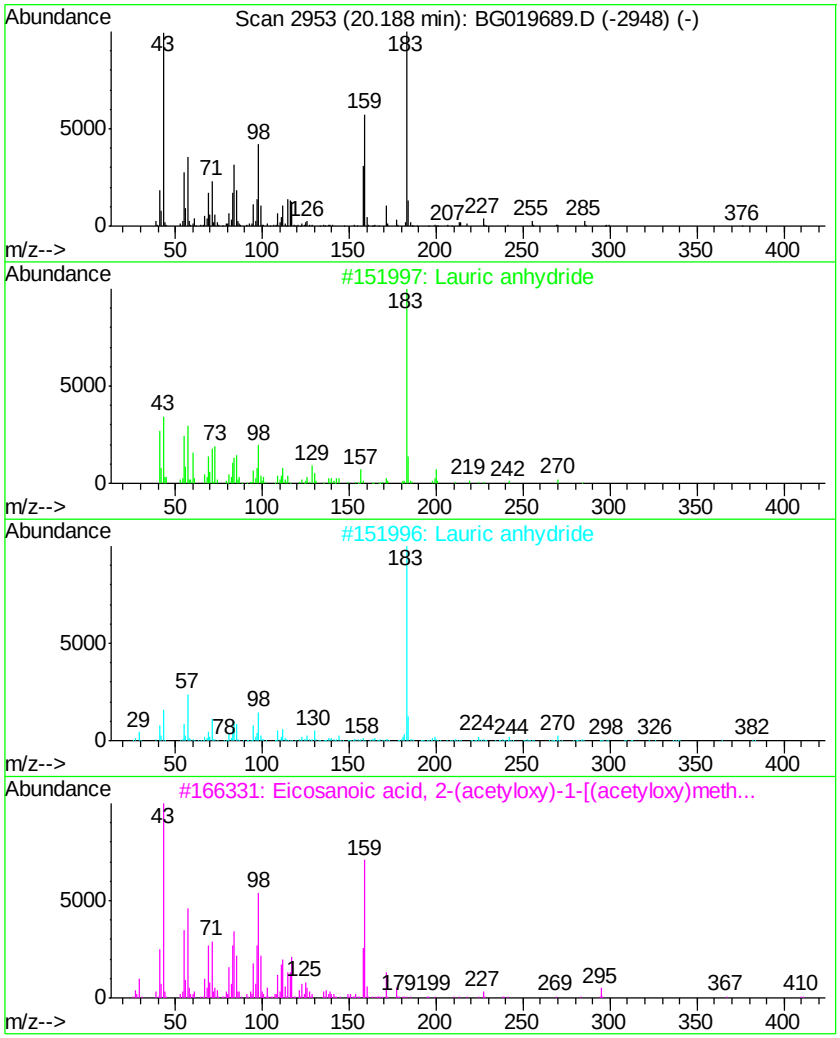
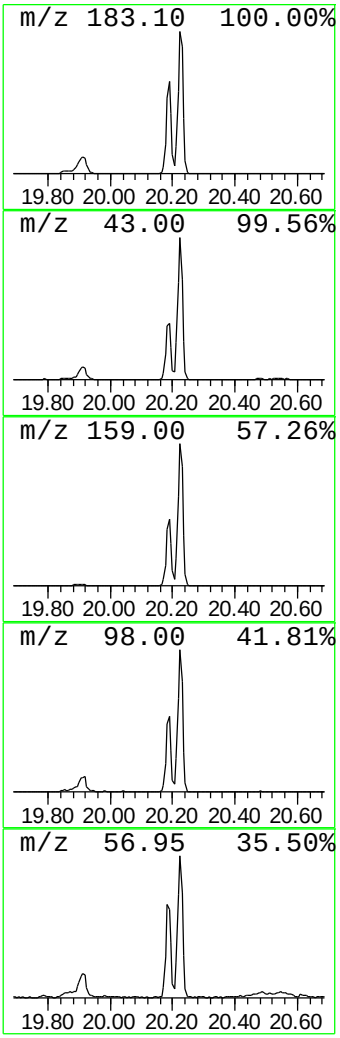
Peak Number 12 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	13.49 ng/ul	628985	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	35
2	Lauric anhydride	382	C24H46O3	000645-66-9	28
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	27
4	Phen-1,2-diol, 4-fluoro-5-aminoa...	213	C10H12FNO3	1000130-37-2	22
5	4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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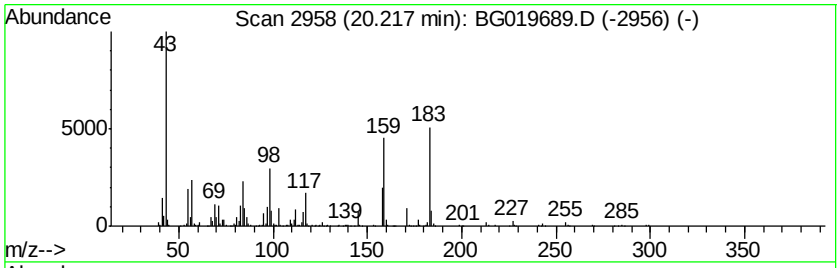
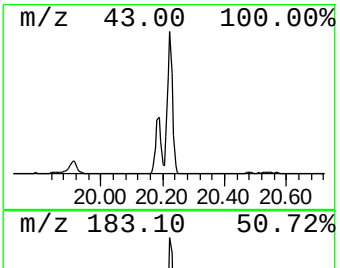
Peak Number 13 unknown-06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	24.86 ng/ul	1158760	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	37
2	Lauric anhydride	382	C24H46O3	000645-66-9	22
3	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	16
4	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	12
5	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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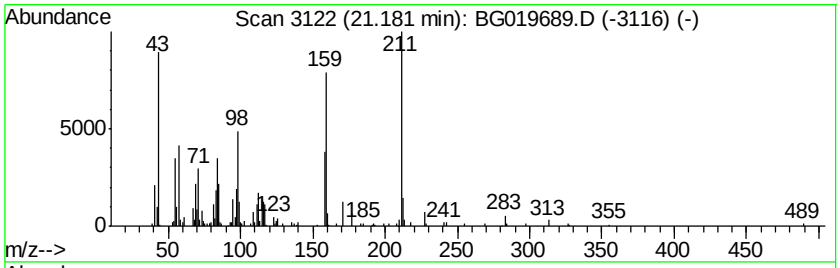
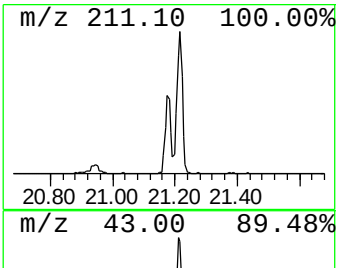
Peak Number 14 Myristin, 1,3-diaceto-2- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	4.63 ng/ul	215830	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	74
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	74
3	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	49
4	2-Fluoro-5H-dibenz[b,f]azepine	211	C14H10FN	024986-53-6	22
5	Benzothiazole, 2-phenyl-	211	C13H9NS	000883-93-2	22





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Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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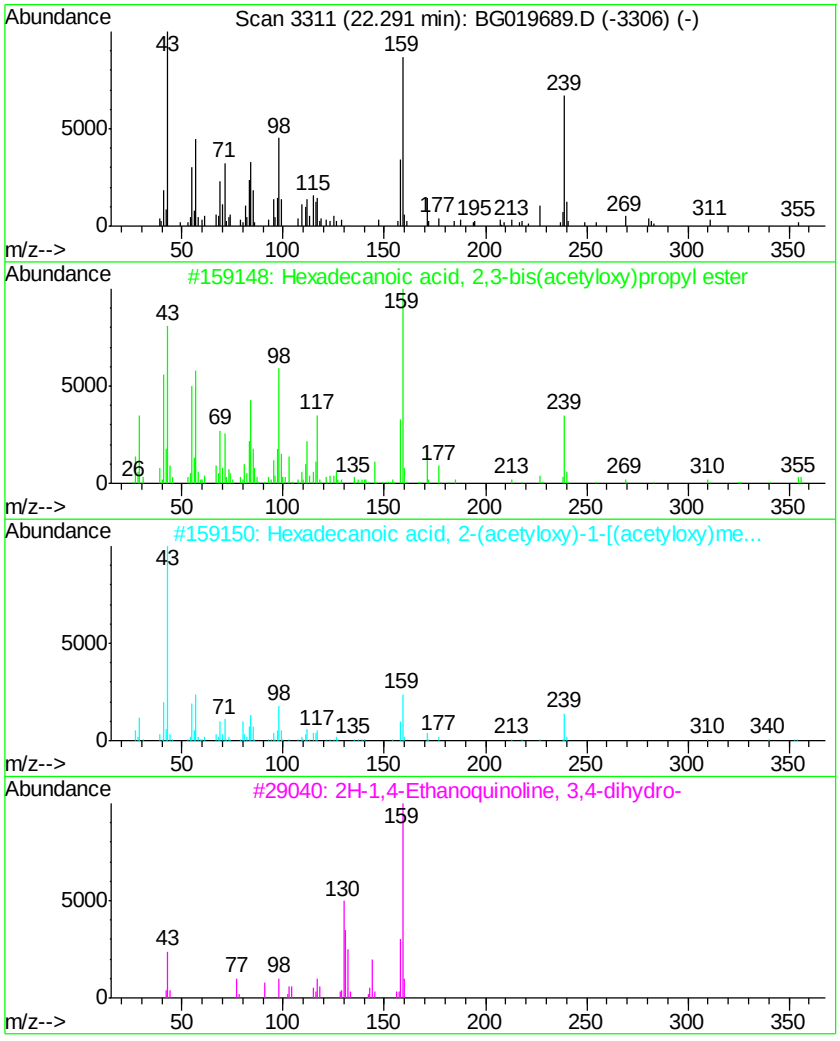
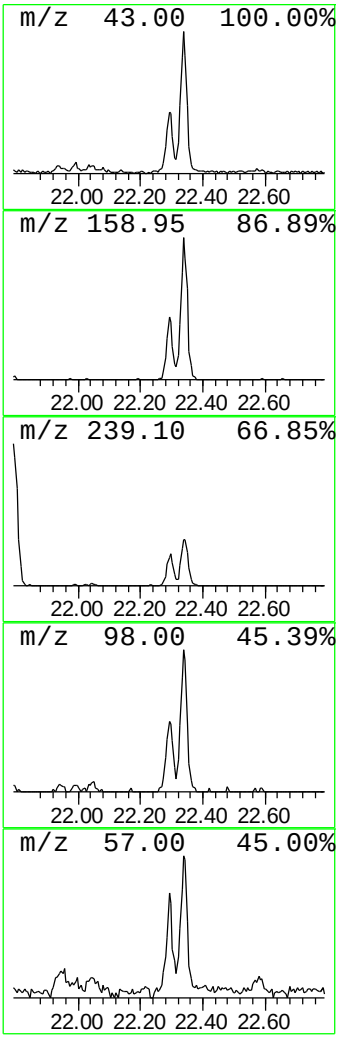
Peak Number 16 Hexadecanoic acid, 2,3-bis(... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.45 ng/ul	114193	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	87
2	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	58
3	2H-1,4-Ethanoquinoline, 3,4-dihy...	159	C11H13N	004363-25-1	37
4	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	37
5	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

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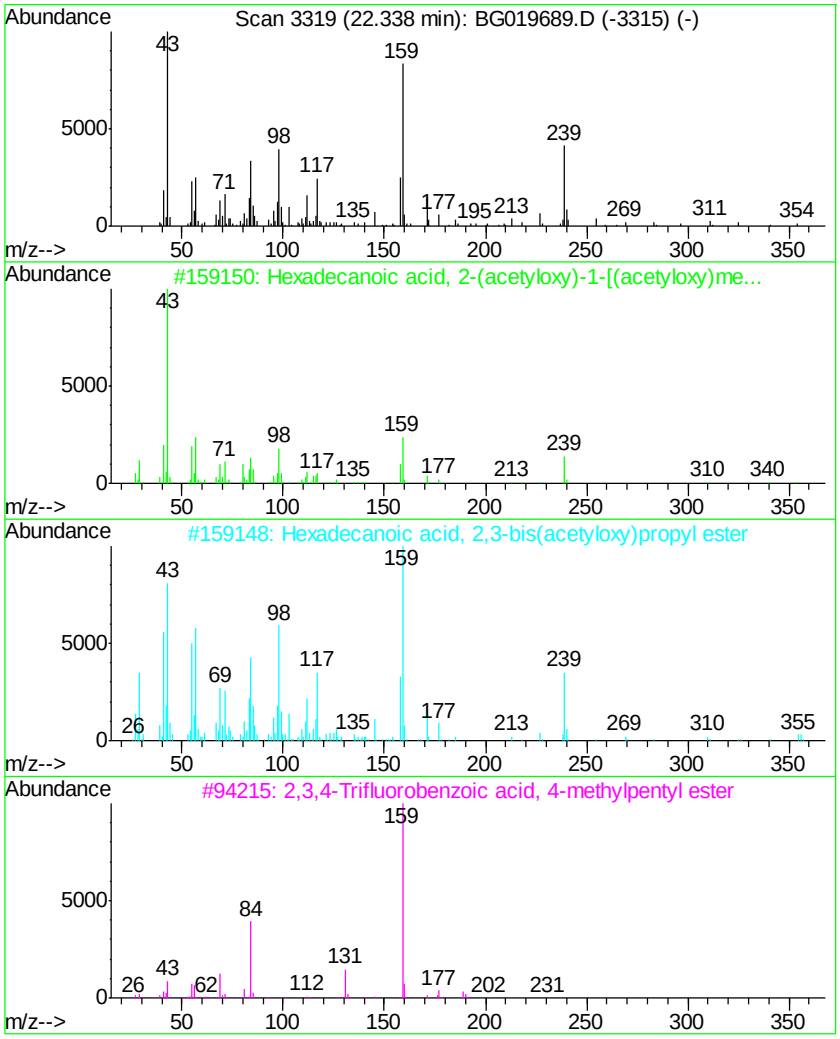
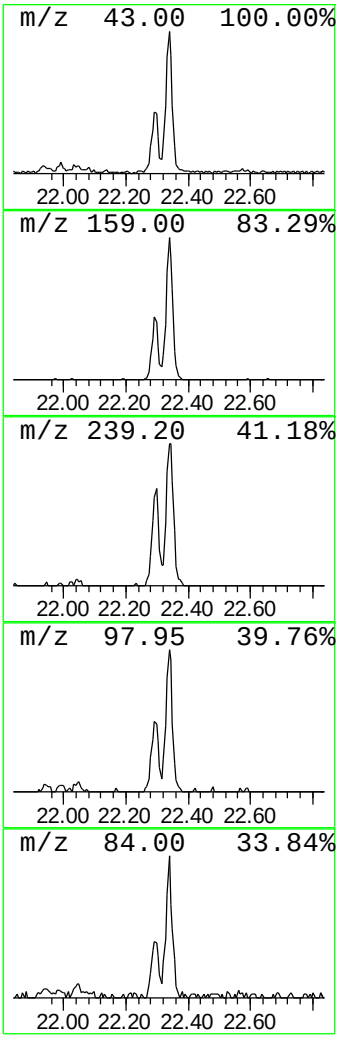
Peak Number 17 Hexadecanoic acid, 2-(acety... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	4.71 ng/ul	219641	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-(acetyloxy)...	414	C23H42O6	055268-69-4	86
2	Hexadecanoic acid, 2,3-bis(acetyl...	414	C23H42O6	055268-70-7	49
3	2,3,4-Trifluorobenzoic acid, 4-m...	260	C13H15F3O2	1000282-29-8	27
4	2,6-Difluorobenzoic acid, pentad...	368	C22H34F2O2	1000292-39-5	22
5	2,6-Difluorobenzoic acid, octade...	410	C25H40F2O2	1000292-39-7	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111715\
Data File : BG019689.D
Acq On : 18 Nov 2015 11:21
Operator : UM/NP
Sample : G4374-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC763

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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
Butane, 2-methoxy...	3.17	84.2	ng/ul	724856	1	8.15	172088	20.0
unknown-01	9.25	2.6	ng/ul	22539	1	8.15	172088	20.0
Vanillin	13.70	2.9	ng/ul	70077	3	14.78	487009	20.0
unknown-02	17.29	2.4	ng/ul	84512	4	17.52	692908	20.0
Octanethioic acid...	17.77	14.9	ng/ul	517022	4	17.52	692908	20.0
unknown-03	17.82	28.4	ng/ul	985649	4	17.52	692908	20.0
7,9-Di-tert-butyl...	18.17	3.5	ng/ul	122030	4	17.52	692908	20.0
unknown-04	18.71	2.2	ng/ul	75558	4	17.52	692908	20.0
Decanoic acid, 2-...	19.07	4.0	ng/ul	139772	4	17.52	692908	20.0
unknown-05	20.19	13.5	ng/ul	628985	5	21.79	932365	20.0
unknown-06	20.22	24.9	ng/ul	1158760	5	21.79	932365	20.0
Myristin, 1,3-dia...	21.18	4.6	ng/ul	215830	5	21.79	932365	20.0
Hexadecanoic acid...	22.29	2.5	ng/ul	114193	5	21.79	932365	20.0
Hexadecanoic acid...	22.34	4.7	ng/ul	219641	5	21.79	932365	20.0