LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.158	389	395	403	rBV	608273	917860	12.68%	0.751%
2	5.640	470	477	486	rBV	1337600	2185561	30.18%	1.788%
3	7.255	737	752	762	rBV	1211910	2232281	30.83%	1.826%
4	7.625	808	815	829	rBV	1609602	3095645	42.75%	2.532%
5	7.737	829	834	841	rVB4	78788	142242	1.96%	0.116%
6	7.860	849	855	866	rBV2	101260	195985	2.71%	0.160%
7	8.101	889	896	901	rBV	337047	563203	7.78%	0.461%
8	8.424	939	951	957	rBV	1326510	2455763	33.92%	2.008%
9	9.206	1080	1084	1090	rVB2	83876	141459	1.95%	0.116%
10	9.282	1090	1097	1107	rVB	1257449	2344580	32.38%	1.918%
11	9.799	1180	1185	1190	rBV	79158	144640	2.00%	0.118%
12	10.169	1243	1248	1257	rVB2	97260	205725	2.84%	0.168%
13	10.322	1267	1274	1281	rBV3	254341	497815	6.88%	0.407%
14	10.939	1365	1379	1384	rBV	550527	1229610	16.98%	1.006%
15	10.986	1384	1387	1393	rVB	278237	464373	6.41%	0.380%
16	11.849	1528	1534	1540	rVB2	134307	262943	3.63%	0.215%
17	11.972	1544	1555	1562	rVV8	173822	562318	7.77%	0.460%
18	12.043	1562	1567	1571	rVB3	92004	156252	2.16%	0.128%
19	12.102	1571	1577	1581	rBV	886188	1493113	20.62%	1.221%
20	12.149	1581	1585	1586	rVV	908023	1331813	18.39%	1.089%
21	12.166	1586	1588	1592	rVV	1076411	1526745	21.09%	1.249%
22	12.213	1592	1596	1611	rVB	784656	1385530	19.14%	1.133%
23	12.354	1611	1620	1622	rBV3	391527	779849	10.77%	0.638%
24	12.384	1622	1625	1630	rVV3	590036	1200536	16.58%	0.982%
25	12.437	1630	1634	1641	rVB	485850	808816	11.17%	0.662%
26	12.601	1656	1662	1670	rVB2	641492	1291892	17.84%	1.057%
27	12.818	1689	1699	1707	rBV	698727	1386418	19.15%	1.134%
28	13.282	1771	1778	1782	rBV5	99484	185004	2.56%	0.151%
29	13.388	1789	1796	1806	rVB	3250495	5233929	72.29%	4.281%
30	13.799	1861	1866	1878	rVB	252057	607969	8.40%	0.497%
31	13.946	1882	1891	1898	rVV4	520304	1405235	19.41%	1.149%
32	14.093	1909	1916	1921	rBV	806507	1450973	20.04%	1.187%
33	14.146	1921	1925	1931	rVV	487107	769846	10.63%	0.630%
34	14.222	1933	1938	1943	rVB2	271958	457241	6.31%	0.374%

LSC Area Percent Report

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Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.328	1952	1956	1960	rBV	233057	327479	4.52%	0.268%
36	14.498	1981	1985	1992	rVB	267338	443709	6.13%	0.363%
37	14.780	2019	2033	2038	rBV2	956376	1894026	26.16%	1.549%
38	14.898	2050	2053	2059	rVB3	107079	176618	2.44%	0.144%
39	14.980	2061	2067	2076	rBV2	323217	864887	11.94%	0.707%
40	15.174	2093	2100	2106	rVB2	428699	826873	11.42%	0.676%
41	15.245	2107	2112	2118	rVV	409966	711462	9.83%	0.582%
42	15.309	2120	2123	2128	rVV7	133283	202955	2.80%	0.166%
43	15.391	2132	2137	2142	rVV2	318984	588657	8.13%	0.481%
44	15.444	2142	2146	2151	rVB	359329	544278	7.52%	0.445%
45	15.562	2160	2166	2169	rBV5	202406	423712	5.85%	0.347%
46	15.597	2169	2172	2177	rVB2	245395	344826	4.76%	0.282%
47	15.820	2206	2210	2214	rBV4	124348	209681	2.90%	0.171%
48	15.955	2229	2233	2237	rBV2	240444	332083	4.59%	0.272%
49	15.996	2237	2240	2244	rVB2	191263	288795	3.99%	0.236%
50	16.043	2244	2248	2252	rVB5	136291	196689	2.72%	0.161%
51	16.085	2253	2255	2261	rBV5	69106	147497	2.04%	0.121%
52	16.208	2270	2276	2279	rBV	503123	824217	11.38%	0.674%
53	16.243	2279	2282	2283	rVV3	298013	371161	5.13%	0.304%
54	16.278	2283	2288	2295	rVV	2844924	4386282	60.58%	3.587%
55	16.337	2295	2298	2302	rVB2	125106	171974	2.38%	0.141%
56	16.513	2317	2328	2337	rVB2	1351485	2663573	36.79%	2.178%
57	16.607	2337	2344	2347	rBV	2884522	4355707	60.16%	3.562%
58	16.666	2347	2354	2360	rVV2	2540628	5765388	79.63%	4.715%
59	16.725	2360	2364	2368	rVV2	3071039	4381220	60.51%	3.583%
60	16.772	2368	2372	2376	rVB	1745239	2396483	33.10%	1.960%
61	16.848	2381	2385	2387	rVV	1289294	2040527	28.18%	1.669%
62	16.872	2387	2389	2393	rVV	879606	1400298	19.34%	1.145%
63	16.925	2393	2398	2405	rVV4	2357492	4899231	67.66%	4.007%
64	16.995	2405	2410	2414	rVV	3218478	4762443	65.77%	3.895%
65	17.030	2414	2416	2419	rVV2	828595	1164475	16.08%	0.952%
66	17.071	2419	2423	2429	rVB2	1620926	2414954	33.35%	1.975%
67	17.195	2440	2444	2449	rBV5	123304	255538	3.53%	0.209%
68	17.283	2453	2459	2461	rBV4	119317	251839	3.48%	0.206%
69	17.318	2461	2465	2470	rVB2	317711	466489	6.44%	0.382%
70	17.371	2470	2474	2478	rBV4	122736	207121	2.86%	0.169%
71	17.547	2495	2504	2508	rBV	1133842	2025742	27.98%	1.657%

LSC Area Percent Report

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Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.588	2508	2511	2515	rVB	314899	432881	5.98%	0.354%
73	17.906	2558	2565	2569	rBV2	370931	752384	10.39%	0.615%
74	18.211	2611	2617	2623	rVB2	194360	424266	5.86%	0.347%
75	18.352	2635	2641	2648	rBV	934840	1596334	22.05%	1.306%
76	18.423	2648	2653	2655	rBV2	857329	1200040	16.57%	0.981%
77	18.452	2655	2658	2660	rBV	292524	347951	4.81%	0.285%
78	18.546	2669	2674	2678	rBV2	586088	1028761	14.21%	0.841%
79	18.593	2678	2682	2683	rBV	510731	686791	9.49%	0.562%
80	18.658	2691	2693	2695	rBV2	200146	227254	3.14%	0.186%
81	18.722	2701	2704	2707	rBV3	124472	155274	2.14%	0.127%
82	18.763	2707	2711	2714	rVV2	873171	1295078	17.89%	1.059%
83	18.799	2714	2717	2721	rVV2	807337	1233092	17.03%	1.009%
84	18.840	2721	2724	2727	rVV	556679	734534	10.14%	0.601%
85	18.881	2727	2731	2740	rVV2	729889	1661122	22.94%	1.359%
86	18.957	2740	2744	2753	rVB	665944	1167322	16.12%	0.955%
87	19.210	2784	2787	2791	rBV	307391	428626	5.92%	0.351%
88	19.251	2791	2794	2802	rVB4	280316	473352	6.54%	0.387%
89	19.333	2803	2808	2813	rBV	583115	895215	12.36%	0.732%
90	19.427	2822	2824	2828	rVB3	134327	146042	2.02%	0.119%
91	19.468	2828	2831	2838	rVB2	154342	308030	4.25%	0.252%
92	19.686	2863	2868	2876	rVB4	861857	1296193	17.90%	1.060%
93	19.868	2896	2899	2907	rVB4	177949	323555	4.47%	0.265%
94	19.973	2913	2917	2923	rVB2	335566	513463	7.09%	0.420%
95	20.032	2923	2927	2932	rVB	402020	605265	8.36%	0.495%
96	20.156	2943	2948	2953	rVB	5618144	7240601	100.00%	5.922%
97	20.761	3047	3051	3054	rBV3	211530	294962	4.07%	0.241%
98	21.395	3156	3159	3162	rBV2	118905	171018	2.36%	0.140%
99	21.865	3233	3239	3245	rBV	1102429	1935219	26.73%	1.583%
100	25.266	3810	3818	3830	rVB2	616803	1852176	25.58%	1.515%

Sum of corrected areas: 122268854

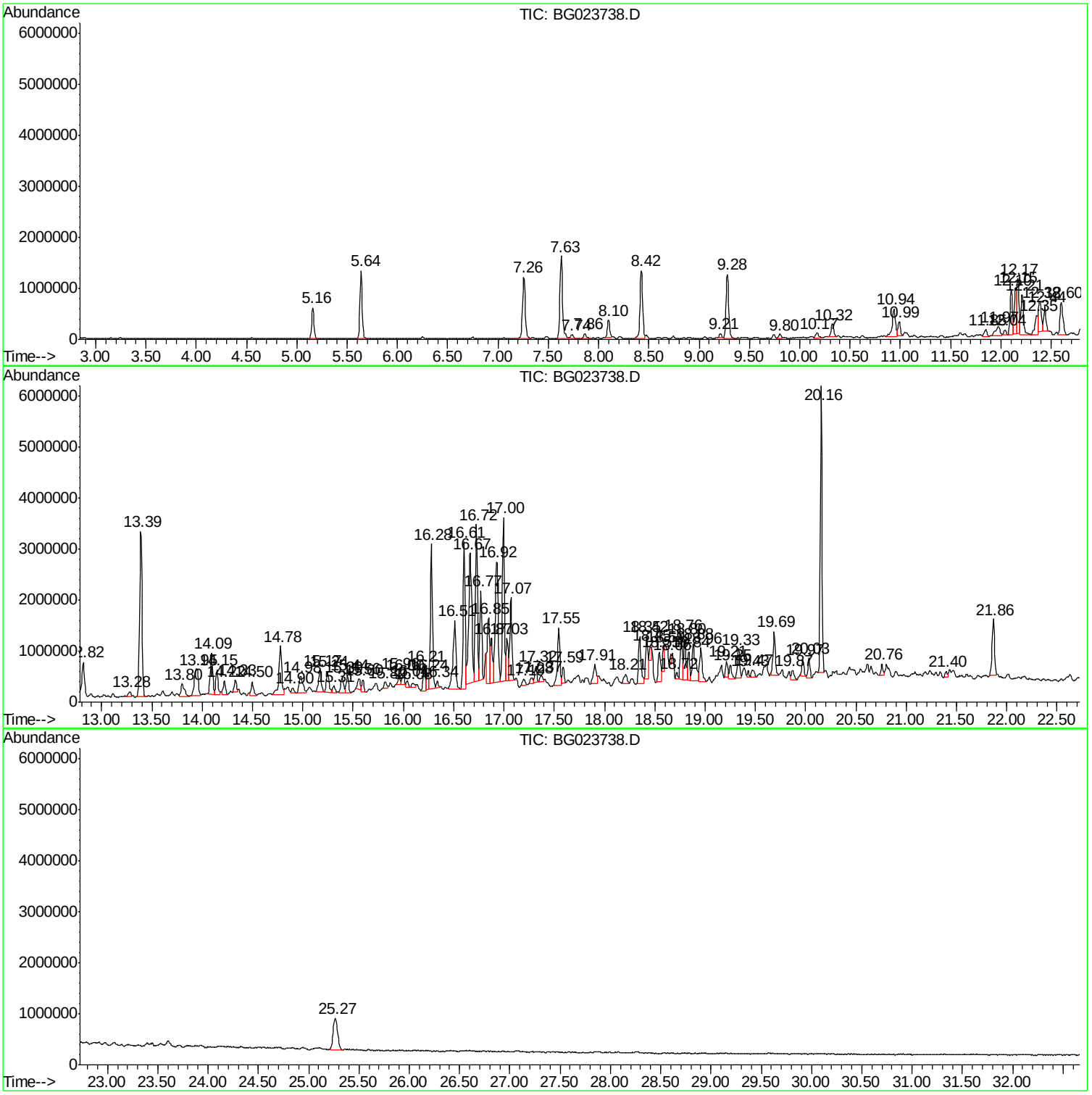
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

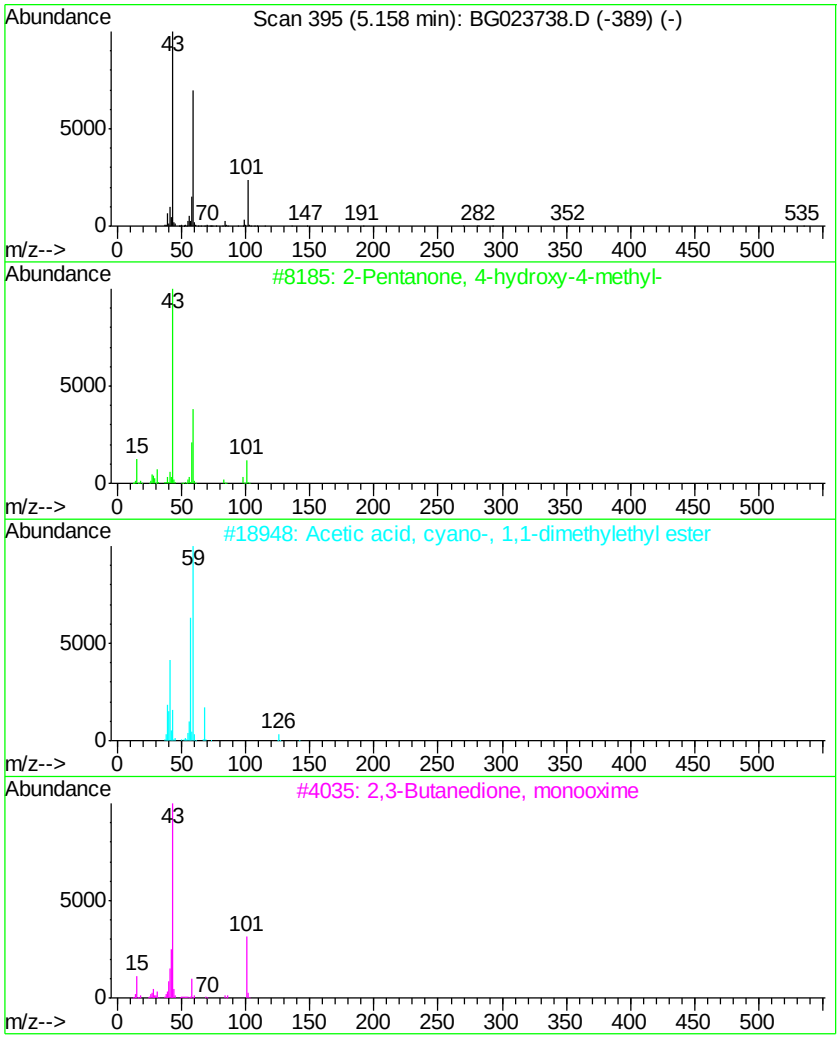
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

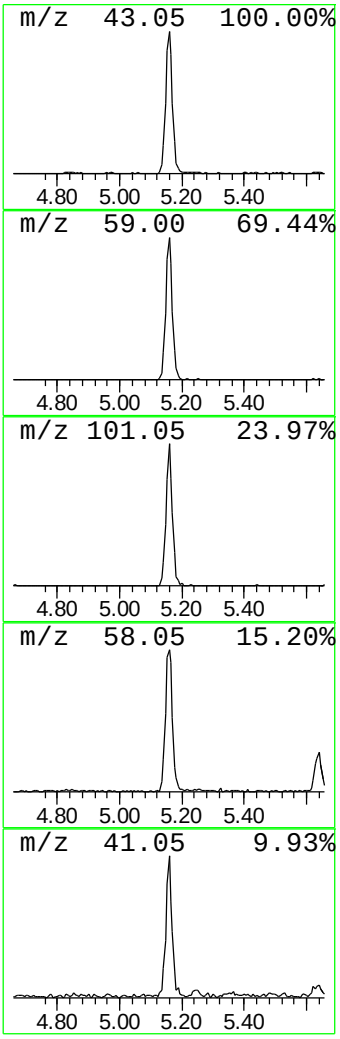
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	32.59 ng	917860	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

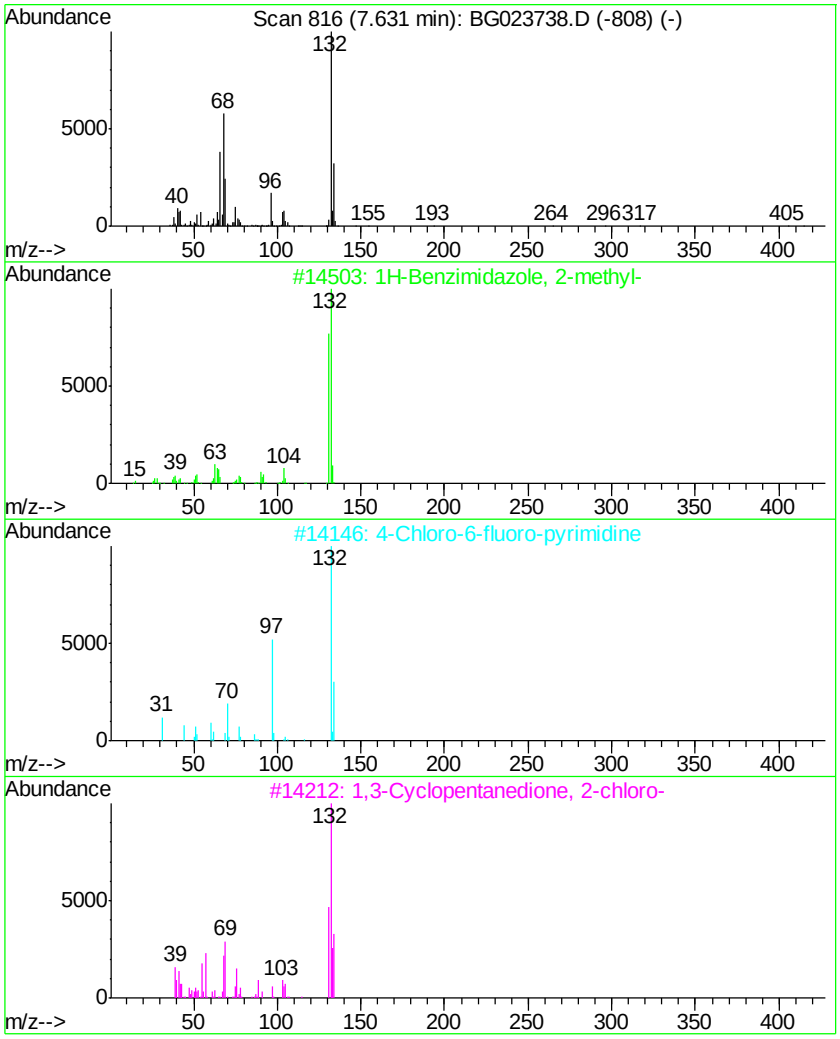
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

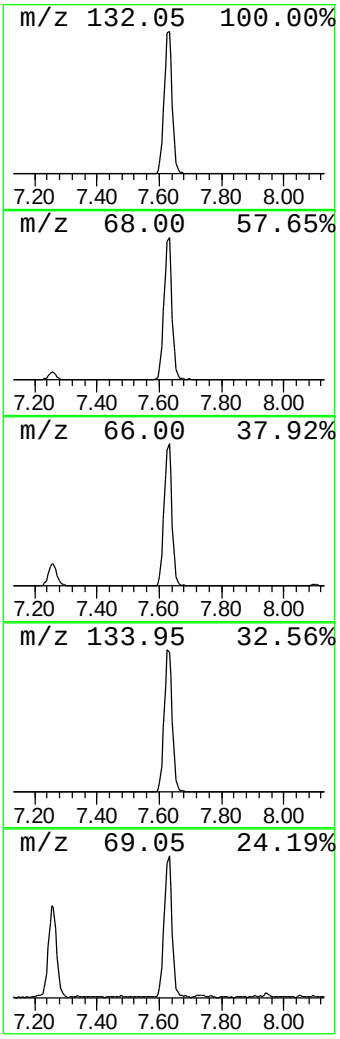
****

Peak Number 2 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	109.93 ng	3095650	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	30
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





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Sample : H4422-04
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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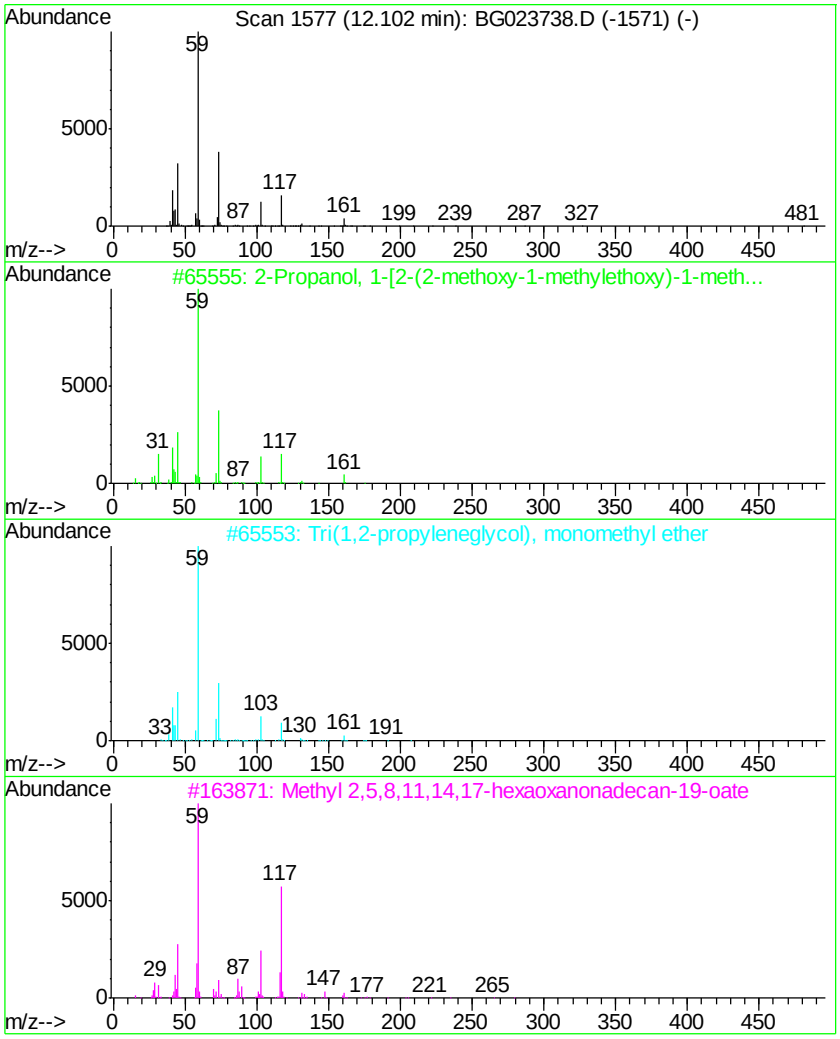
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

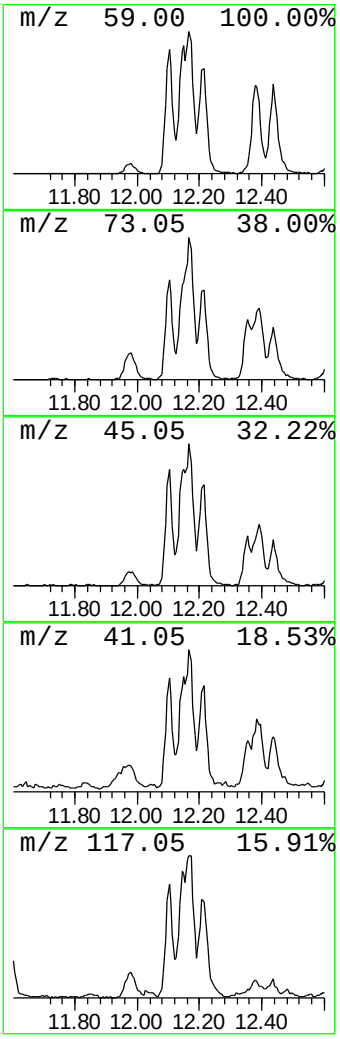
****

Peak Number 4 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	24.29 ng	1493110	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	91
2	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	78
3	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	72
4	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	56
5	Methyl 2,5,8,11,14,17,20-heptaox...	368	C16H32O9	1000366-81-3	56





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

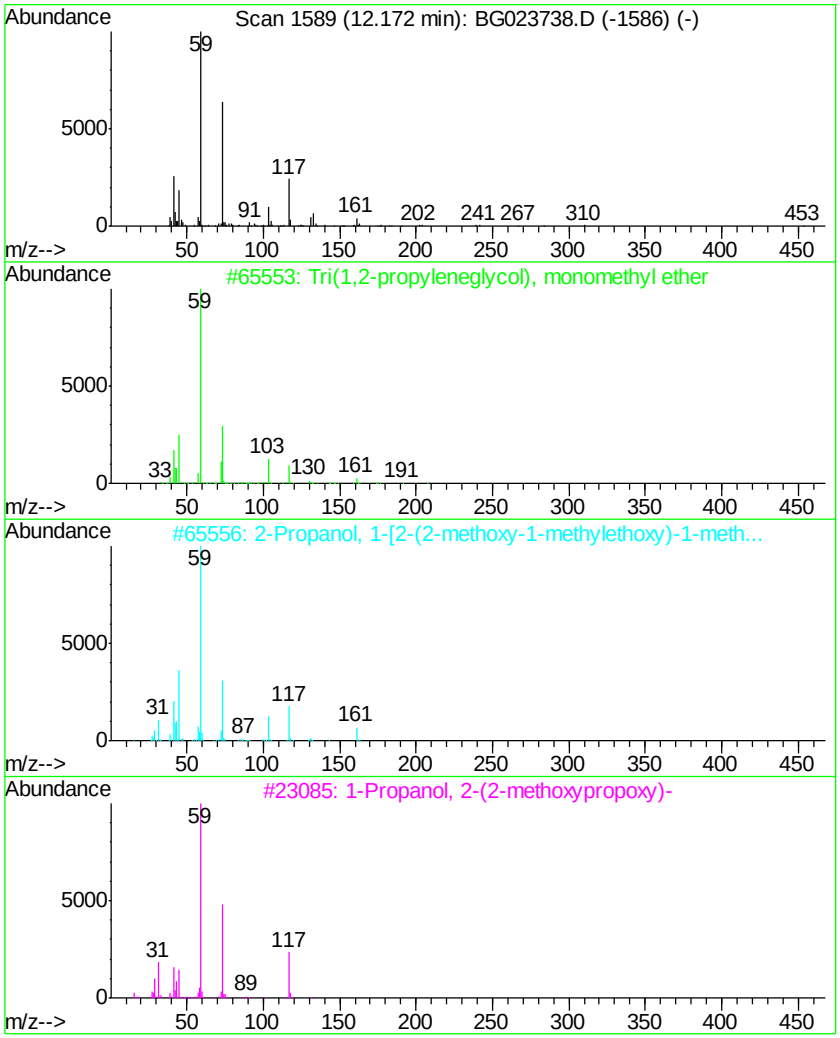
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

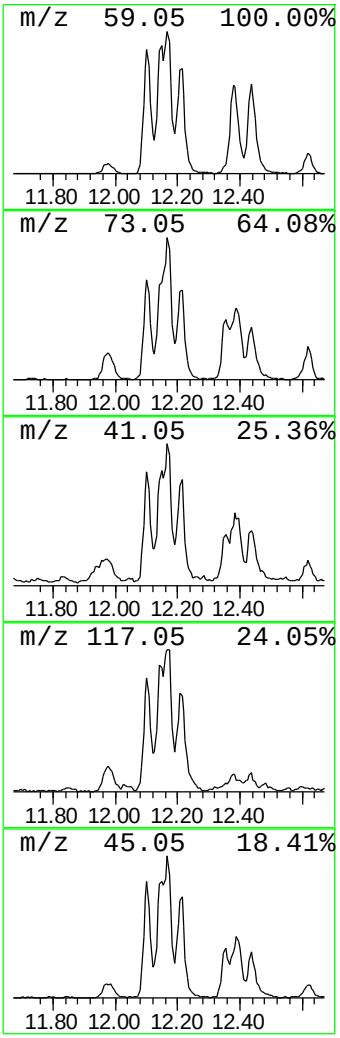
****

Peak Number 6 Tri(1,2-propyleneglycol), m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	24.83 ng	1526750	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	83
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	74
3	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	64
4	.alpha.-Hydroxyisobutyric acid, ...	176	C7H16O3Si	1000353-25-0	64
5	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
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Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
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Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

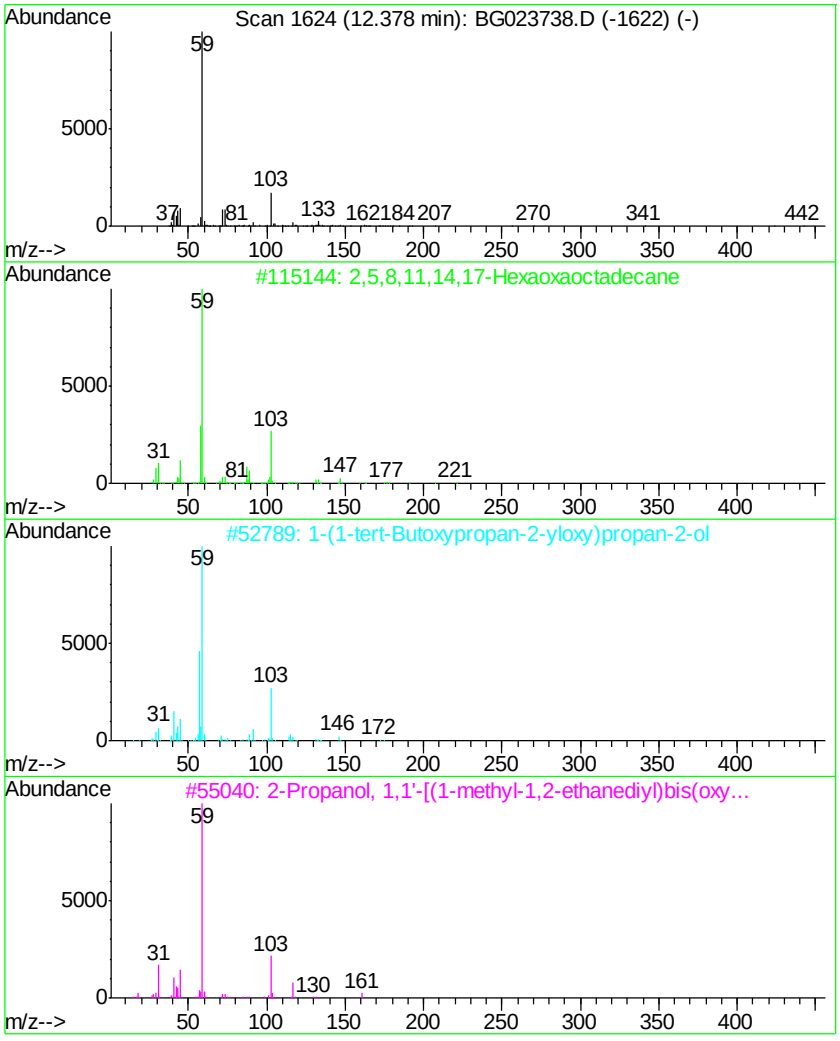
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

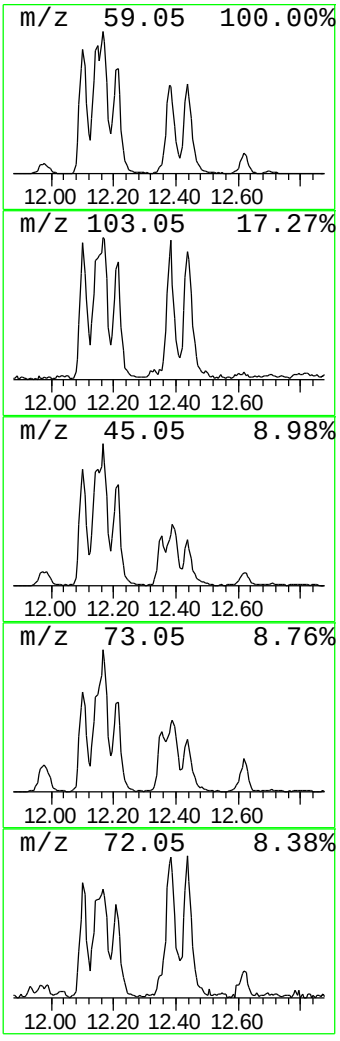
****

Peak Number 8 2,5,8,11,14,17-Hexaoxaoctad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	19.53 ng	1200540	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	72
2	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	64
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	64
5	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	59





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Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

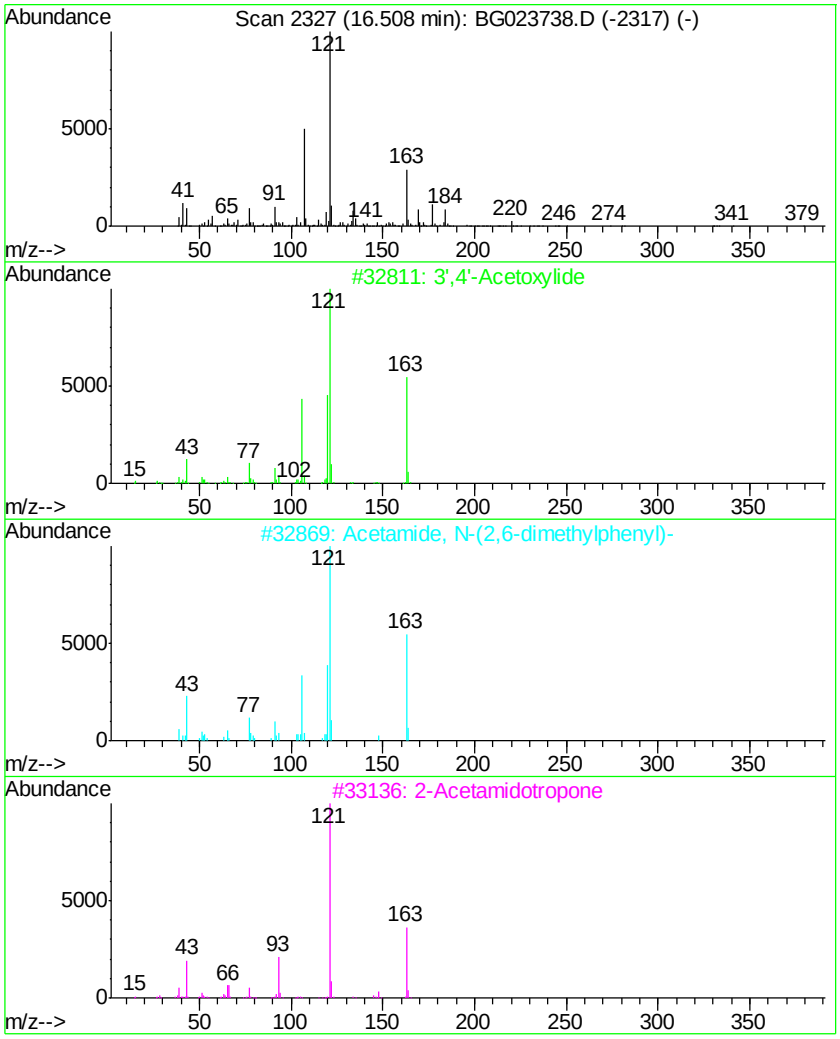
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

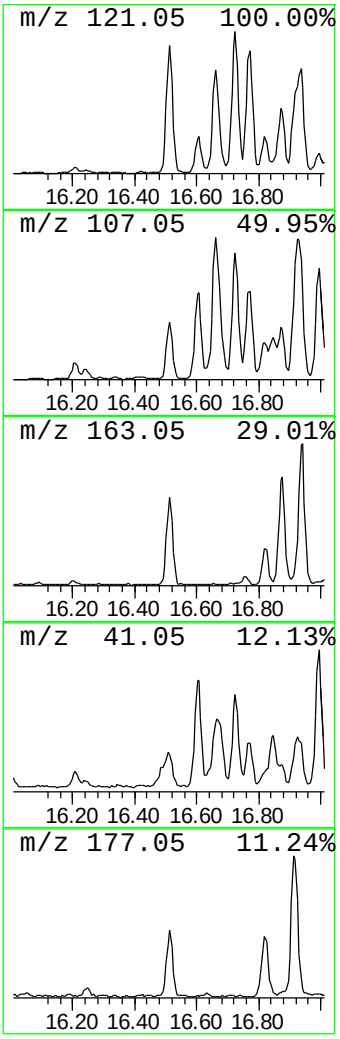
****

Peak Number 10 unknown16.51 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	26.30 ng	2663570	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	49
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	49
3	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
4	Oxalic acid, 2-isopropylphenyl p...	250	C14H18O4	1000309-56-1	43
5	2-(4-Methoxyphenyl)ethanol	152	C9H12O2	000702-23-8	38





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Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

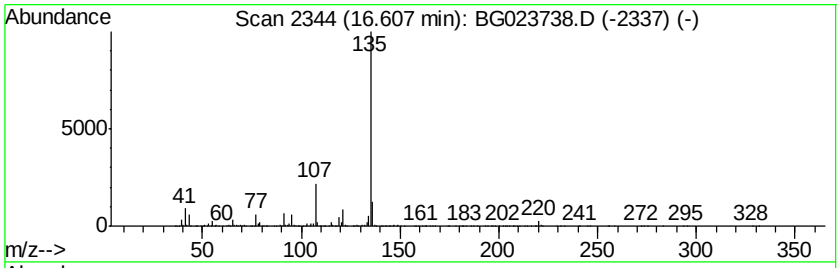
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

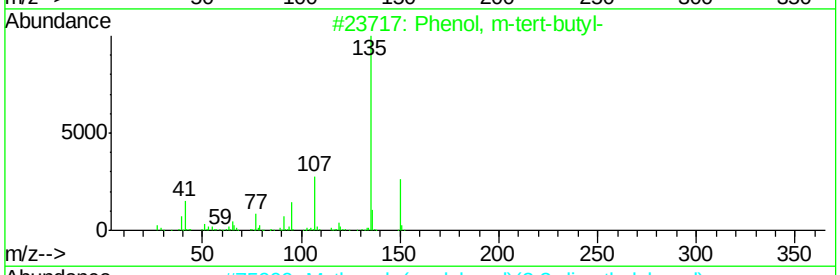
****

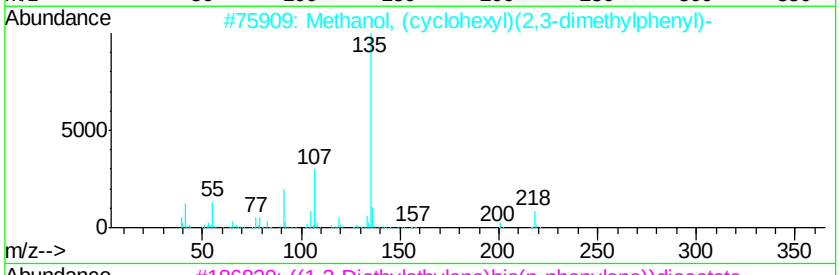
Peak Number 11 Phenol, m-tert-butyl- Concentration Rank 7

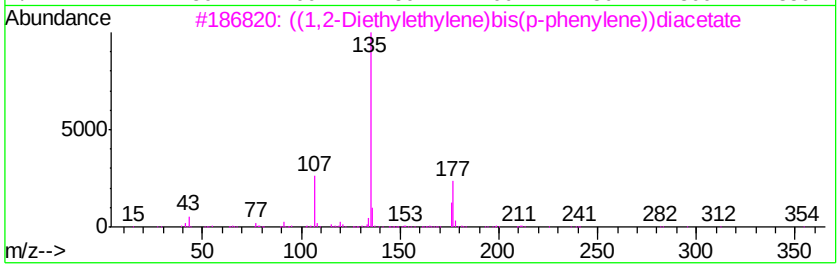
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	43.00 ng	4355710	Phenanthrene-d10	17.55

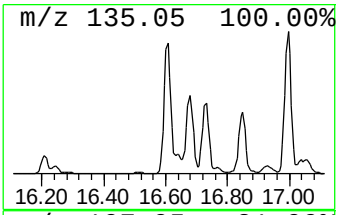
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
2	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64

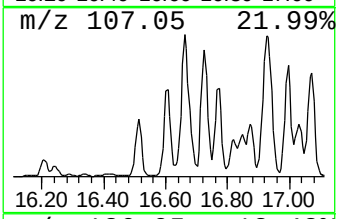


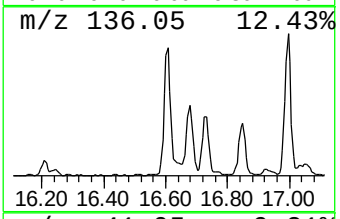


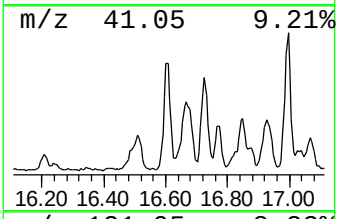


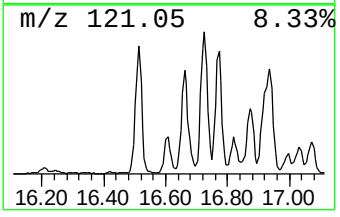












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Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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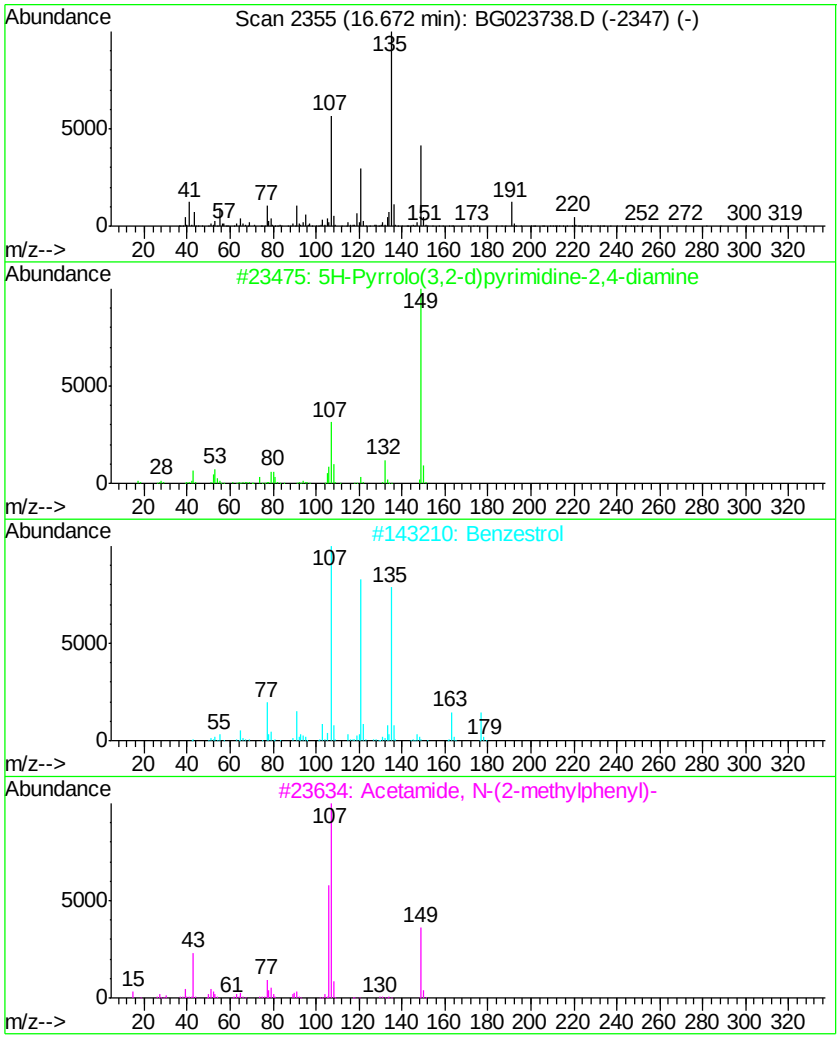
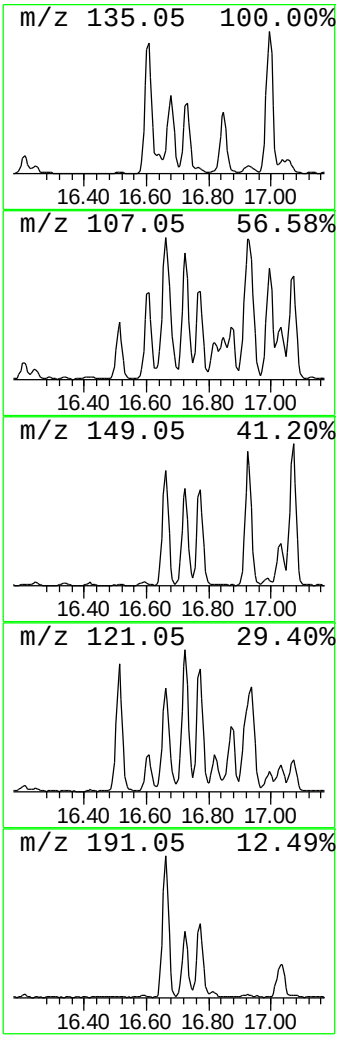
Peak Number 12 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	56.92 ng	5765390	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	52
2	Benzestrol	298	C20H26O2	000085-95-0	43
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	38
4	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	35
5	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

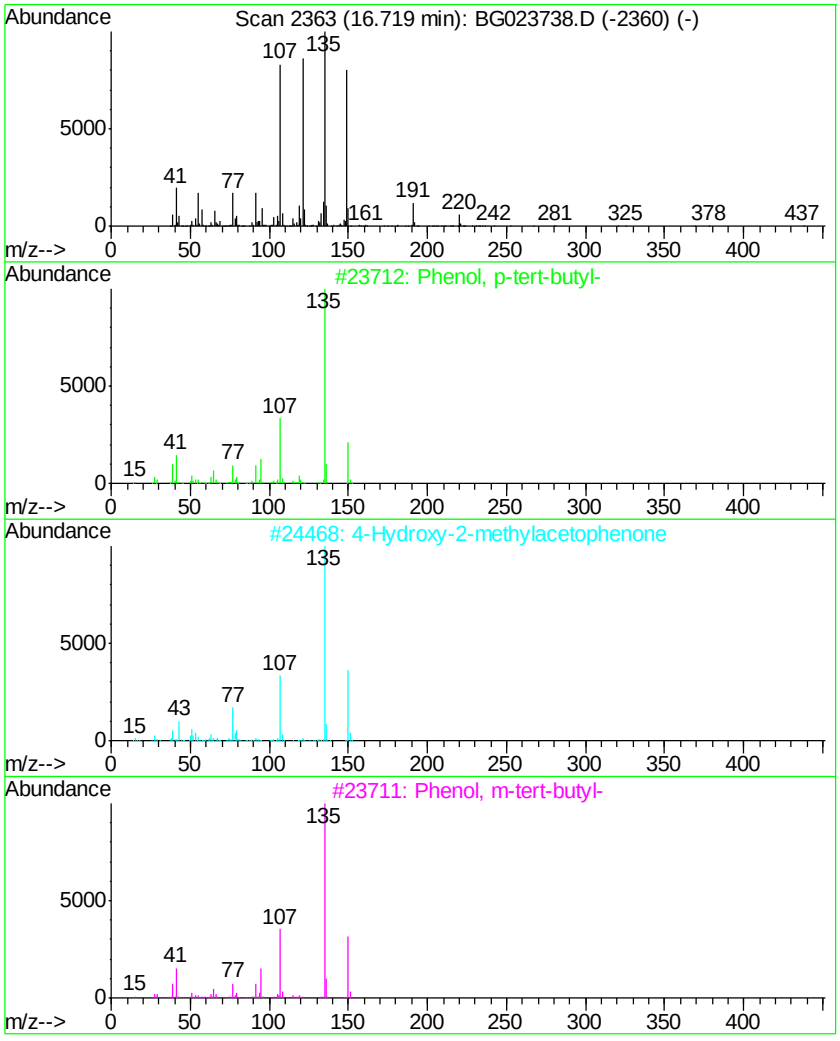
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

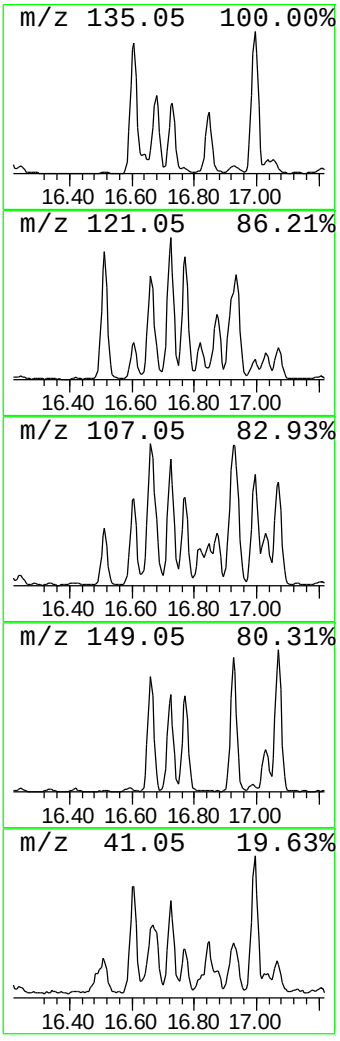
****

Peak Number 13 Phenol, p-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	43.26 ng	4381220	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	50
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	49
4	Ethanone, 2-ethoxy-1,2-diphenyl-	240	C16H16O2	000574-09-4	47
5	Benzaldehyde diethylacetal	180	C11H16O2	000774-48-1	47





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Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

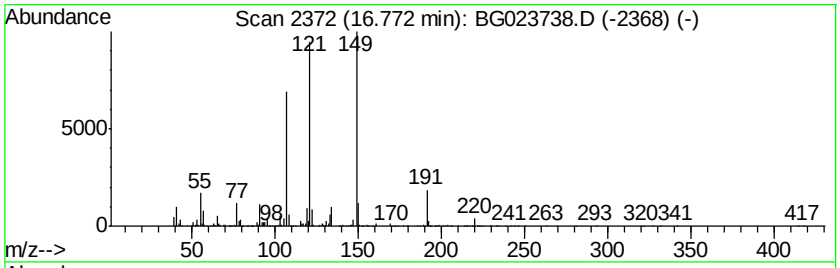
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

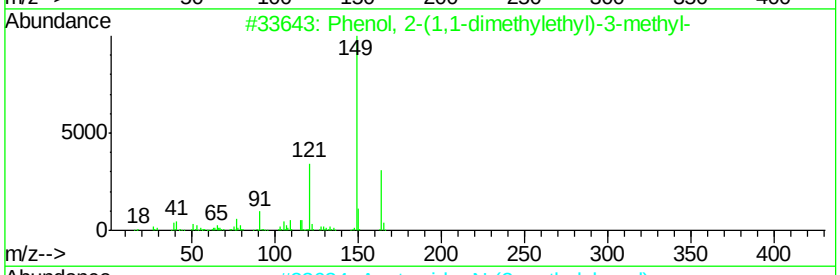
****

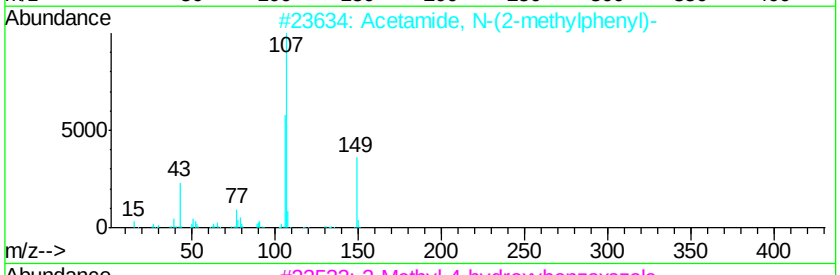
Peak Number 14 Phenol, 2-(1,1-dimethylethy... Concentration Rank 13

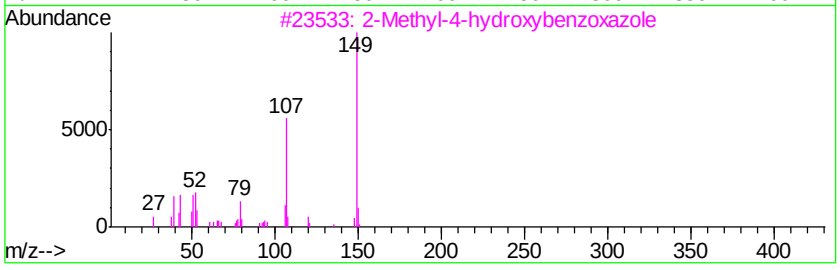
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	23.66 ng	2396480	Phenanthrene-d10	17.55

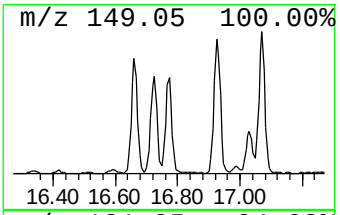
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	53
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
4	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
5	5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	27

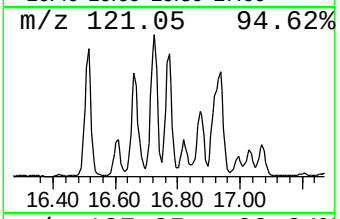


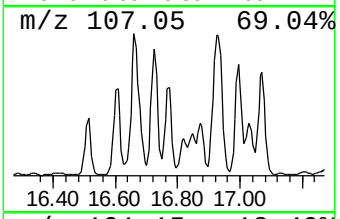


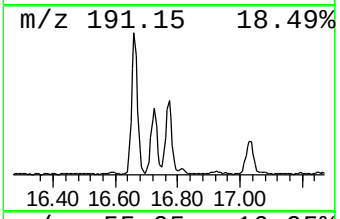


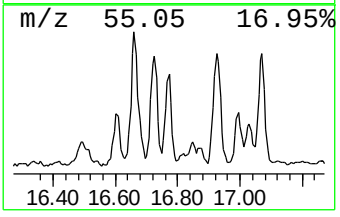












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Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

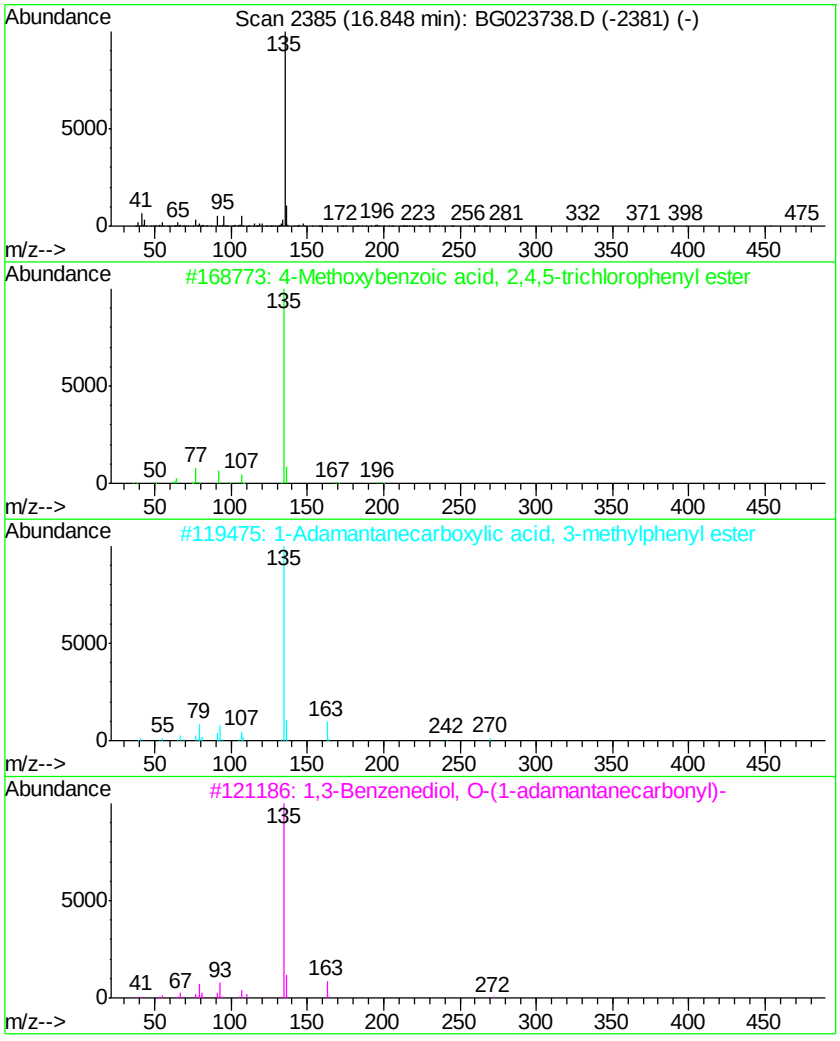
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

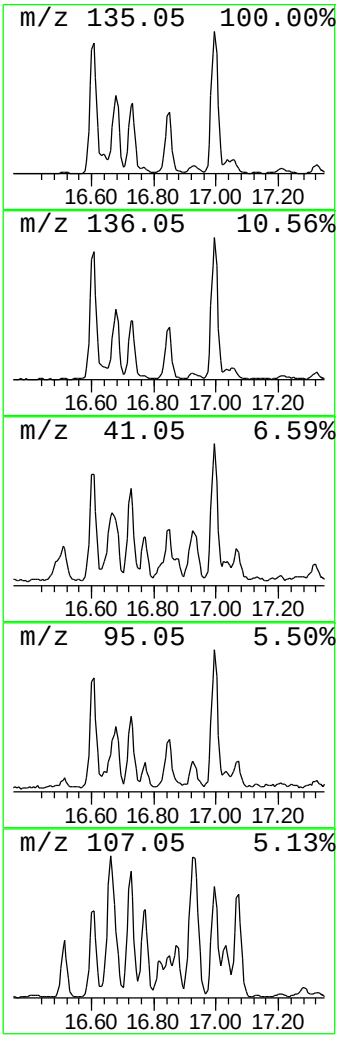
****

Peak Number 15 4-Methoxybenzoic acid, 2,4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	20.15 ng	2040530	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxybenzoic acid, 2,4,5-tri...	330	C14H9Cl3O3	1000360-53-2	72
2	1-Adamantanecarboxylic acid, 3-m...	270	C18H22O2	1000307-65-9	64
3	1,3-Benzenediol, O-(1-adamantane...	272	C17H20O3	1000345-57-3	64
4	1-Adamantanethiol, S-methacryloyl-	236	C14H20OS	1000358-48-9	64
5	1,2-Benzenediol, O-(4-methoxyben...	338	C19H14O6	1000329-72-1	56





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Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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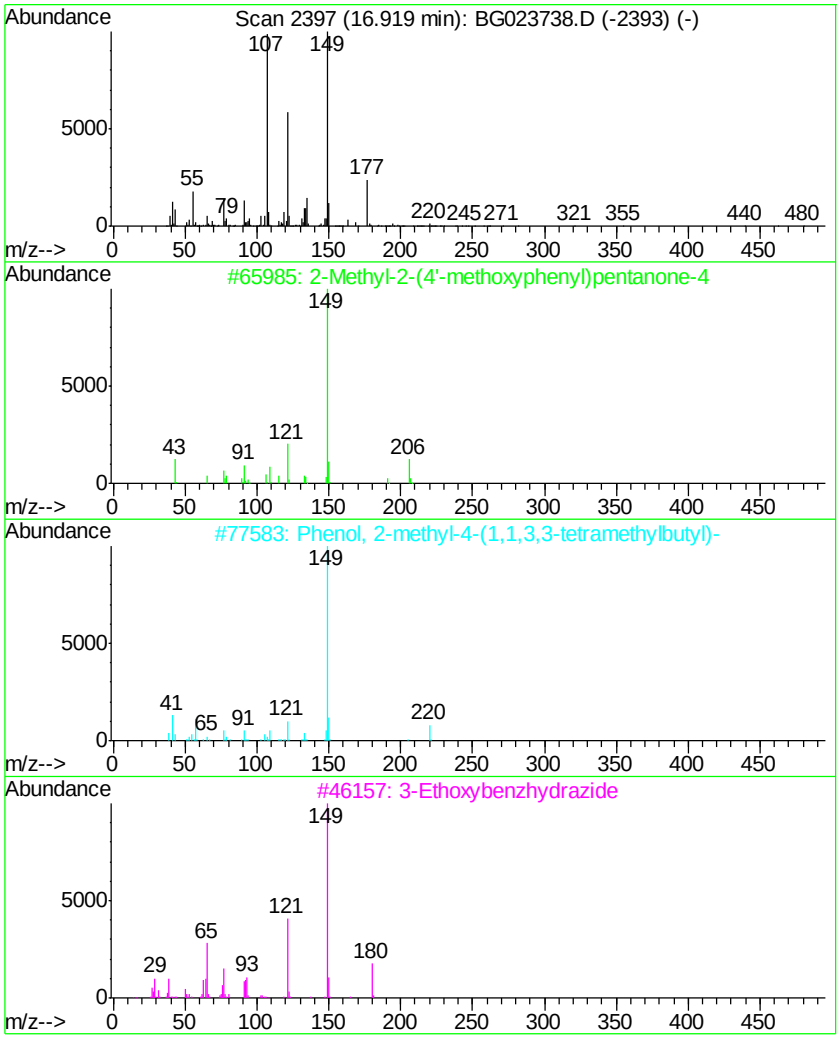
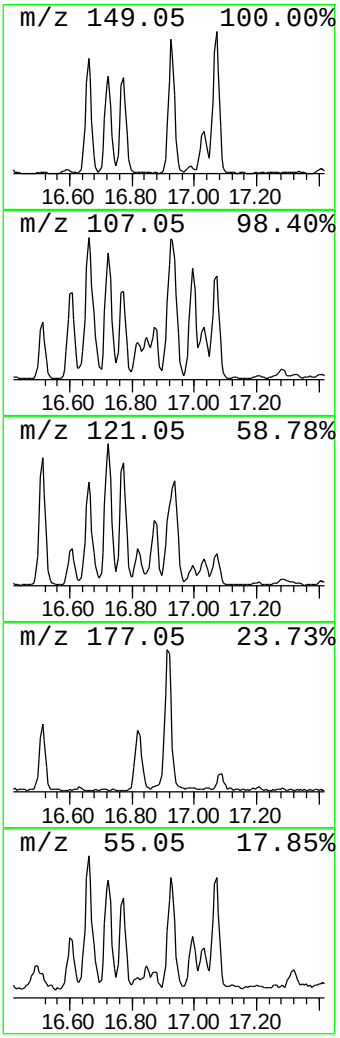
Peak Number 16 unknown16.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	48.37 ng	4899230	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-(4'-methoxyphenyl)pen...	206	C13H18O2	185700-49-6	38
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
3	3-Ethoxybenzhydrazide	180	C9H12N2O2	027830-16-6	35
4	O-Nitroacetophenone oxime	180	C8H8N2O3	010342-62-8	35
5	1,2-propanedione,1-(3,4-methylen...	192	C10H8O4	1000378-93-0	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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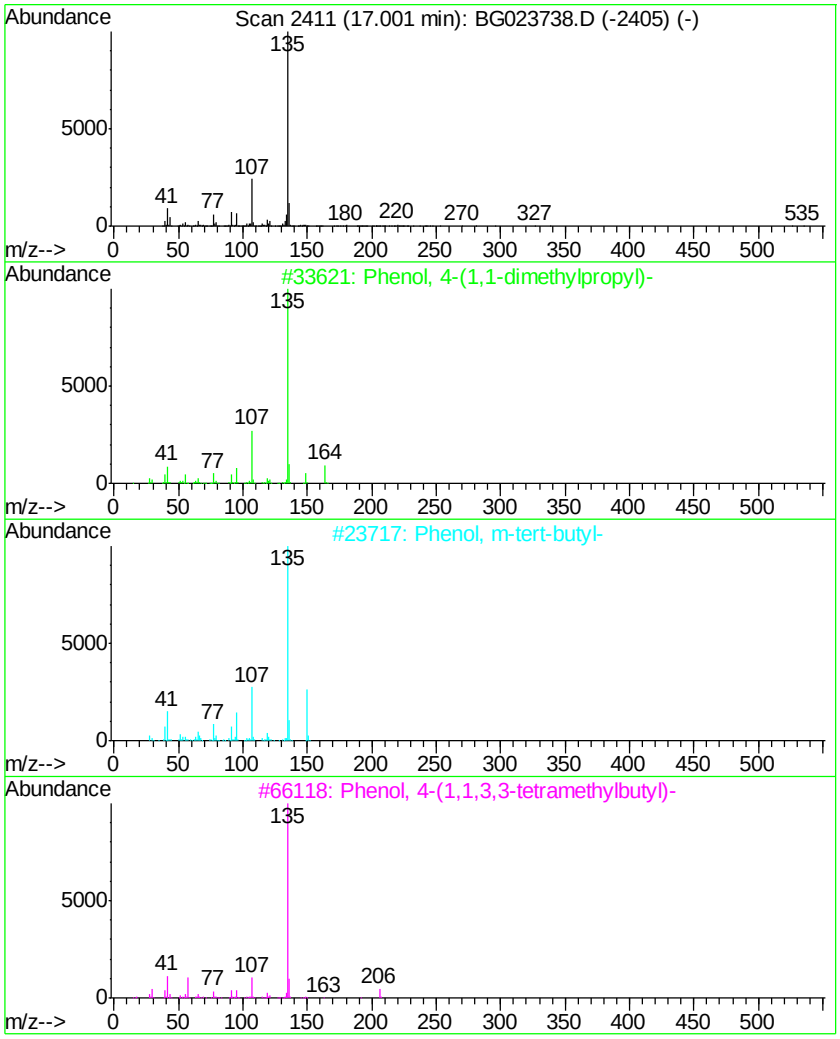
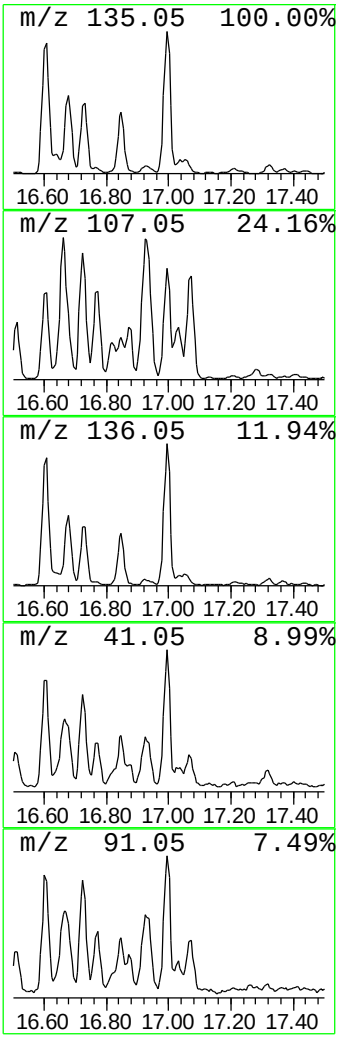
Peak Number 17 Phenol, 4-(1,1-dimethylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	47.02 ng	4762440	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
5	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	64





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Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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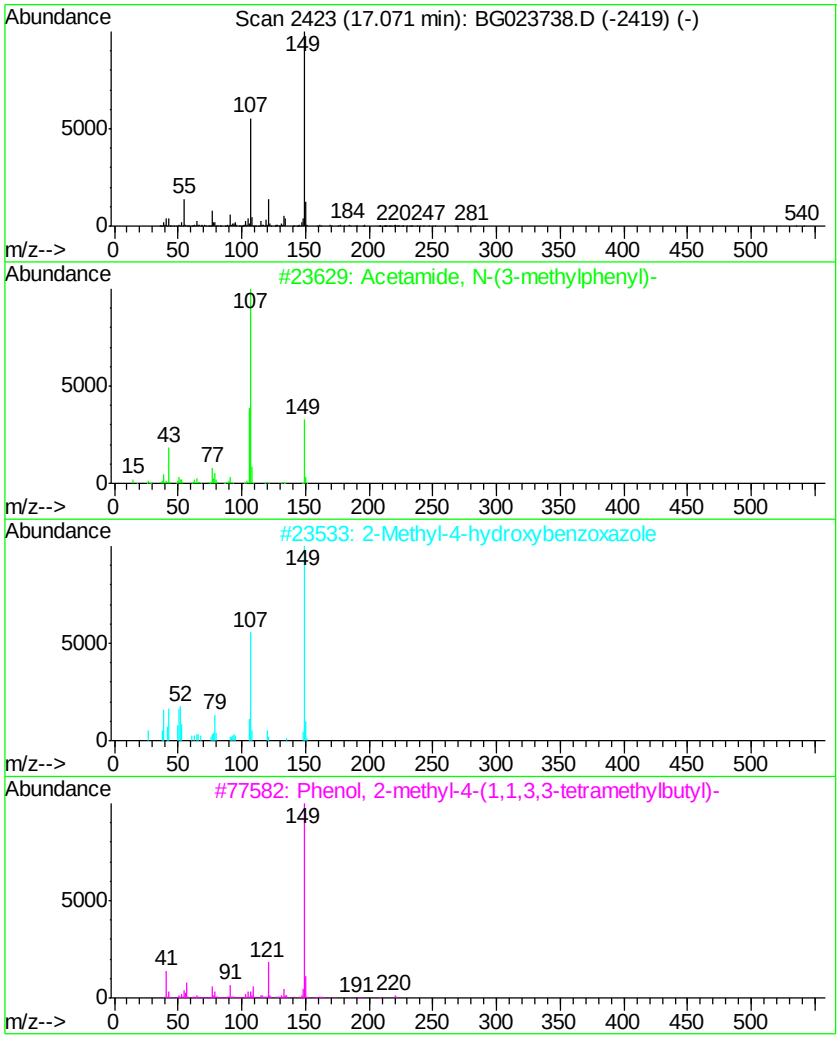
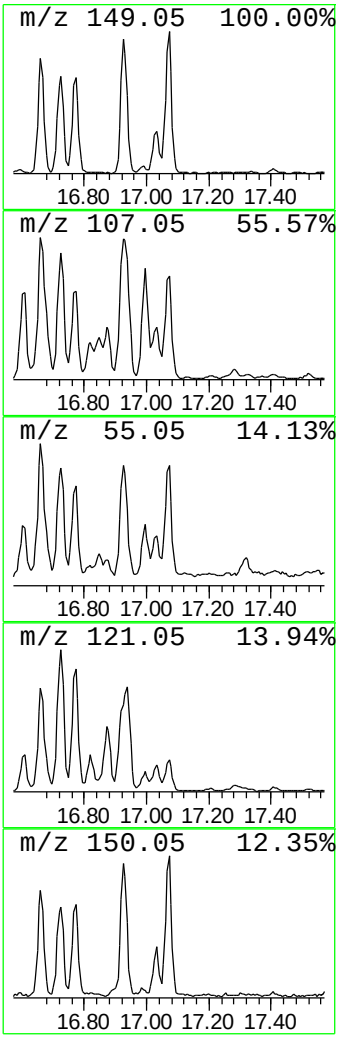
Peak Number 18 Acetamide, N-(3-methylphenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	23.84 ng	2414950	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	53
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	50
5	2-t-Butyl-5-[hydroxy-(2,4,6-trim...	306	C18H26O4	092572-63-9	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

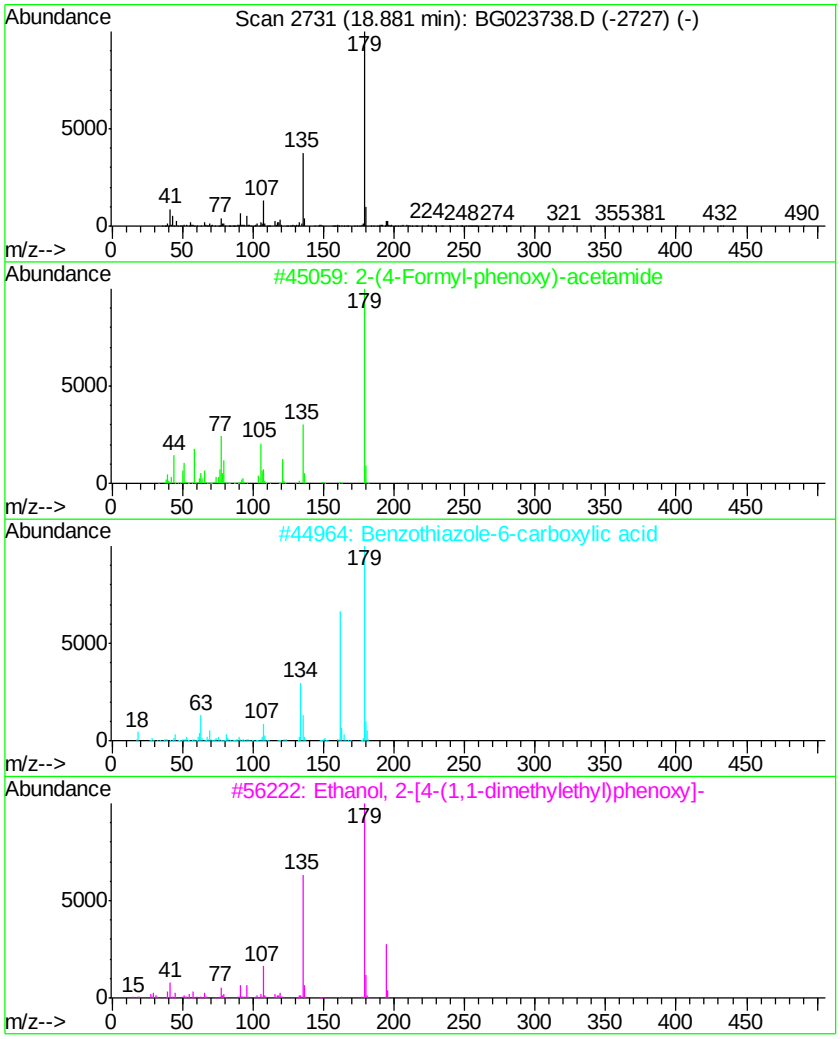
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

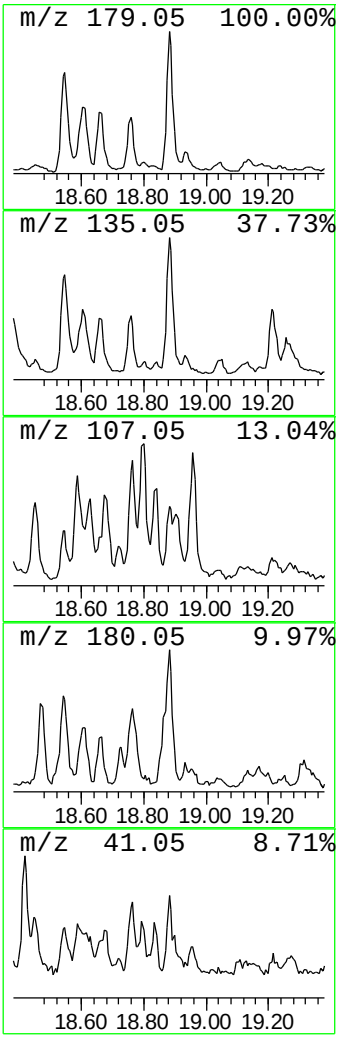
****

Peak Number 20 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	16.40 ng	1661120	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	72
2	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	64
3	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	52
4	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	50
5	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
Data File : BG023738.D
Acq On : 16 Aug 2016 21:49
Operator : UM/SJ
Sample : H4422-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IW-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	5.16	32.6	ng	917860	1	8.10	563203	20.0
unknown7.63	7.63	109.9	ng	3095650	1	8.10	563203	20.0
2-Propanol, 1-[2-...	12.10	24.3	ng	1493110	2	10.94	1229610	20.0
Tri(1,2-propylene...	12.17	24.8	ng	1526750	2	10.94	1229610	20.0
2,5,8,11,14,17-He...	12.38	19.5	ng	1200540	2	10.94	1229610	20.0
unknown16.51	16.51	26.3	ng	2663570	4	17.55	2025740	20.0
Phenol, m-tert-bu...	16.61	43.0	ng	4355710	4	17.55	2025740	20.0
5H-Pyrrolo(3,2-d)...	16.67	56.9	ng	5765390	4	17.55	2025740	20.0
Phenol, p-tert-bu...	16.72	43.3	ng	4381220	4	17.55	2025740	20.0
Phenol, 2-(1,1-di...	16.77	23.7	ng	2396480	4	17.55	2025740	20.0
4-Methoxybenzoic ...	16.85	20.1	ng	2040530	4	17.55	2025740	20.0
unknown16.92	16.92	48.4	ng	4899230	4	17.55	2025740	20.0
Phenol, 4-(1,1-di...	17.00	47.0	ng	4762440	4	17.55	2025740	20.0
Acetamide, N-(3-m...	17.07	23.8	ng	2414950	4	17.55	2025740	20.0
2-(4-Formyl-pheno...	18.88	16.4	ng	1661120	4	17.55	2025740	20.0