LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

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-BG062516.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	5.240	404	409	414	rBV	121556	180712	1.10%	0.114%
2	5.710	481	489	498	rVB	1472334	2501532	15.29%	1.577%
3	6.639	641	647	653	rBV2	146053	245264	1.50%	0.155%
4	7.132	724	731	735	rBV	144890	263311	1.61%	0.166%
5	7.308	754	761	767	rBV	1057583	1861162	11.37%	1.173%
6	7.420	774	780	787	rVB	190067	329199	2.01%	0.208%
7	7.690	819	826	834	rBV	2575375	4539826	27.74%	2.862%
8	8.055	883	888	893	rVB4	111949	221131	1.35%	0.139%
9	8.160	900	906	913	rBV	587061	1033098	6.31%	0.651%
10	8.489	955	962	967	rBV	2216124	3955693	24.17%	2.494%
11	8.542	967	971	977	rVB	427958	720741	4.40%	0.454%
12	8.648	983	989	995	rVB2	247581	442395	2.70%	0.279%
13	8.807	1011	1016	1020	rBV2	162090	272974	1.67%	0.172%
14	8.854	1020	1024	1034	rVB4	176613	375943	2.30%	0.237%
15	9.065	1054	1060	1065	rBV3	111861	231156	1.41%	0.146%
16	9.189	1074	1081	1087	rBV3	194571	504862	3.08%	0.318%
17	9.271	1090	1095	1100	rVV2	489701	846603	5.17%	0.534%
18	9.335	1100	1106	1121	rVV2	2109766	4559006	27.86%	2.874%
19	9.512	1129	1136	1141	rBV9	92827	244836	1.50%	0.154%
20	9.794	1179	1184	1191	rVB	492707	841093	5.14%	0.530%
21	9.876	1191	1198	1200	rBV5	70300	167154	1.02%	0.105%
22	9.993	1210	1218	1224	rBV7	168639	417431	2.55%	0.263%
23	10.164	1244	1247	1254	rBV7	100698	227880	1.39%	0.144%
24	10.381	1274	1284	1292	rVB	735358	1514836	9.26%	0.955%
25	10.716	1328	1341	1345	rBV8	399039	1227135	7.50%	0.774%
26	10.828	1354	1360	1366	rBV5	262325	590088	3.61%	0.372%
27	10.892	1368	1371	1377	rVV7	181891	361389	2.21%	0.228%
28	10.986	1379	1387	1400	rVB	964609	2292683	14.01%	1.445%
29	11.098	1400	1406	1408	rBV2	179141	325929	1.99%	0.205%
30	11.133	1408	1412	1418	rVB3	325851	590743	3.61%	0.372%
31	11.357	1444	1450	1453	rBV7	103011	221843	1.36%	0.140%
32	11.439	1454	1464	1471	rVB6	510523	1518339	9.28%	0.957%
33	11.568	1480	1486	1492	rBV5	327199	675121	4.13%	0.426%
34	11.727	1507	1513	1520	rBV8	147208	329704	2.01%	0.208%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

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-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.797	1520	1525	1528	rBV6	129059	237506	1.45%	0.150%
36	11.844	1529	1533	1539	rBV4	263607	504671	3.08%	0.318%
37	11.974	1551	1555	1563	rVB7	110915	259079	1.58%	0.163%
38	12.056	1564	1569	1573	rBV7	147793	278064	1.70%	0.175%
39	12.167	1583	1588	1589	rBV5	157590	218967	1.34%	0.138%
40	12.526	1645	1649	1654	rVB5	218013	342277	2.09%	0.216%
41	12.573	1654	1657	1660	rBV5	130533	171100	1.05%	0.108%
42	12.632	1661	1667	1672	rVV4	410362	830482	5.07%	0.524%
43	12.679	1672	1675	1680	rVB6	199833	341663	2.09%	0.215%
44	12.855	1699	1705	1713	rVB	1652809	3014390	18.42%	1.900%
45	13.025	1729	1734	1741	rBV9	181946	431821	2.64%	0.272%
46	13.160	1750	1757	1762	rVB8	485955	1198283	7.32%	0.755%
47	13.213	1762	1766	1767	rBV4	139988	178567	1.09%	0.113%
48	13.331	1781	1786	1792	rBV2	608106	1083409	6.62%	0.683%
49	13.425	1795	1802	1808	rVB	5118052	8474480	51.78%	5.342%
50	13.513	1812	1817	1821	rBV7	199383	405090	2.48%	0.255%
51	13.625	1831	1836	1841	rBV6	300900	565249	3.45%	0.356%
52	13.824	1868	1870	1876	rVB7	269628	339257	2.07%	0.214%
53	13.959	1883	1893	1899	rBV10	618141	1723600	10.53%	1.087%
54	14.077	1907	1913	1917	rBV3	1166271	2445523	14.94%	1.542%
55	14.247	1939	1942	1946	rBV4	253097	416314	2.54%	0.262%
56	14.353	1956	1960	1964	rBV7	325111	581252	3.55%	0.366%
57	14.459	1973	1978	1982	rVB4	567141	998818	6.10%	0.630%
58	14.512	1982	1987	1991	rBV4	662222	1254041	7.66%	0.791%
59	14.606	1999	2003	2006	rBV5	363474	647351	3.96%	0.408%
60	14.647	2006	2010	2019	rVB3	904291	2007435	12.27%	1.265%
61	14.735	2020	2025	2030	rBV5	837919	1512174	9.24%	0.953%
62	14.806	2030	2037	2047	rVB4	2168750	6135360	37.49%	3.868%
63	14.900	2047	2053	2059	rBV5	880898	1830651	11.19%	1.154%
64	15.076	2079	2083	2089	rVB7	314747	678961	4.15%	0.428%
65	15.187	2099	2102	2104	rBV4	205917	270141	1.65%	0.170%
66	15.299	2116	2121	2124	rBV2	1038953	1656041	10.12%	1.044%
67	15.346	2125	2129	2135	rVV	986460	2289860	13.99%	1.444%
68	15.411	2136	2140	2144	rVV2	1687226	3122569	19.08%	1.968%
69	15.469	2146	2150	2158	rVB4	1853107	3724556	22.76%	2.348%
70	15.575	2165	2168	2169	rBV3	238921	288945	1.77%	0.182%
71	15.605	2169	2173	2178	rVB4	902461	1466716	8.96%	0.925%

LSC Area Percent Report

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Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
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Instrument : BNA_G
ClientSampleId : MW-15R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.716	2184	2192	2197	rBV5	1520129	4024253	24.59%	2.537%
73	16.086	2250	2255	2258	rBV5	575412	1073609	6.56%	0.677%
74	16.127	2258	2262	2266	rVV	773241	1148091	7.02%	0.724%
75	16.233	2271	2280	2285	rVV	7181431	16365880	100.00%	10.317%
76	16.292	2285	2290	2297	rVV	5423128	9683561	59.17%	6.104%
77	16.368	2298	2303	2310	rVB3	1959197	3708636	22.66%	2.338%
78	16.462	2311	2319	2324	rBV4	1877000	4112723	25.13%	2.593%
79	16.509	2324	2327	2332	rVB3	544877	825003	5.04%	0.520%
80	16.880	2387	2390	2393	rBV5	349739	518778	3.17%	0.327%
81	17.226	2445	2449	2456	rVB6	427208	815113	4.98%	0.514%
82	17.391	2473	2477	2481	rVB	605625	887679	5.42%	0.560%
83	17.555	2499	2505	2513	rBV2	2903270	5621417	34.35%	3.544%
84	17.667	2520	2524	2528	rVB	733571	963526	5.89%	0.607%
85	18.360	2637	2642	2650	rVB7	820322	1897074	11.59%	1.196%
86	18.437	2652	2655	2659	rVB4	320956	346328	2.12%	0.218%
87	18.654	2689	2692	2698	rVB2	394766	547180	3.34%	0.345%
88	19.694	2866	2869	2880	rVB6	382551	562583	3.44%	0.355%
89	20.158	2942	2948	2955	rVB	8862868	12218606	74.66%	7.702%
90	21.850	3230	3236	3242	rVB	2013838	3402603	20.79%	2.145%
91	25.211	3799	3808	3824	rVB3	1084465	3354155	20.49%	2.114%

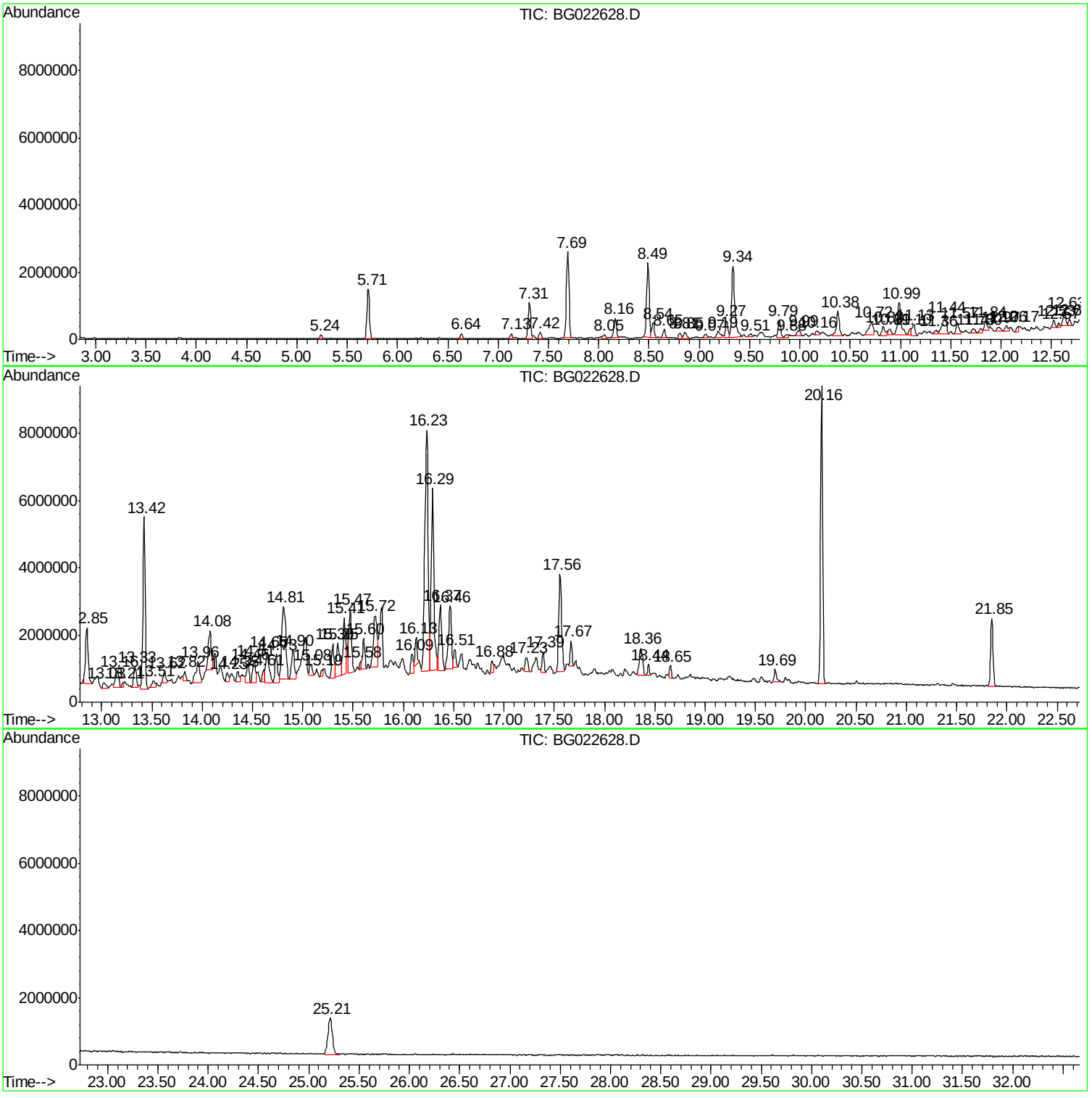
Sum of corrected areas: 158632273

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
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Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

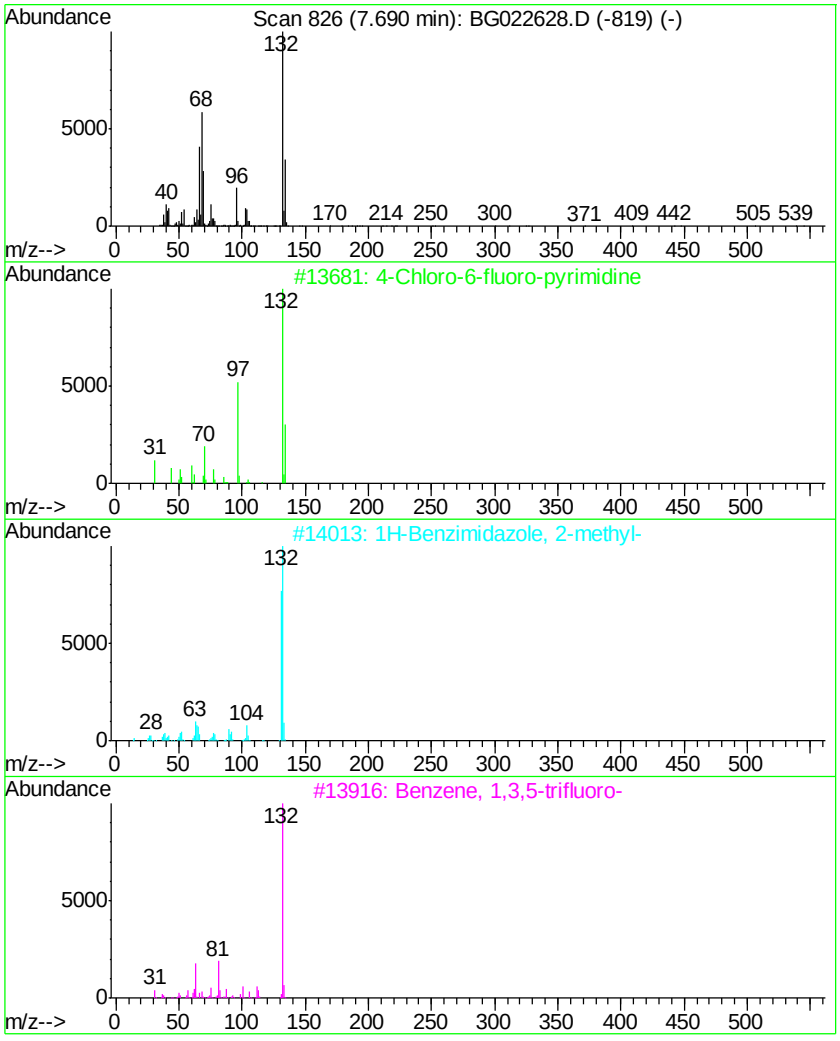
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

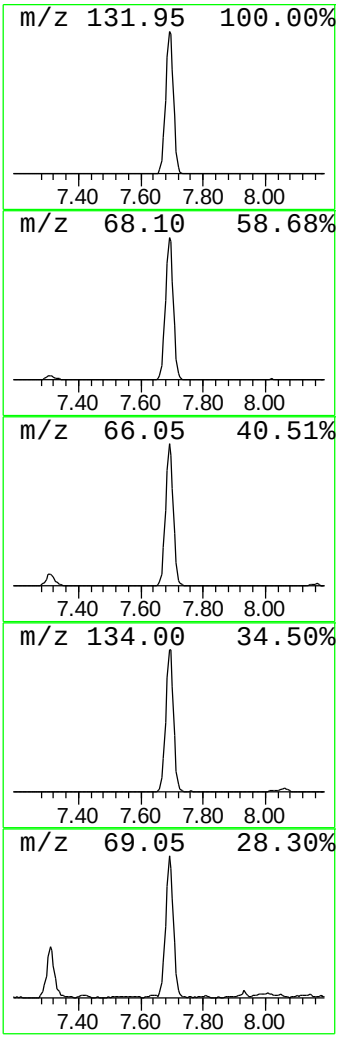
****

Peak Number 1 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	87.89 ng	4539830	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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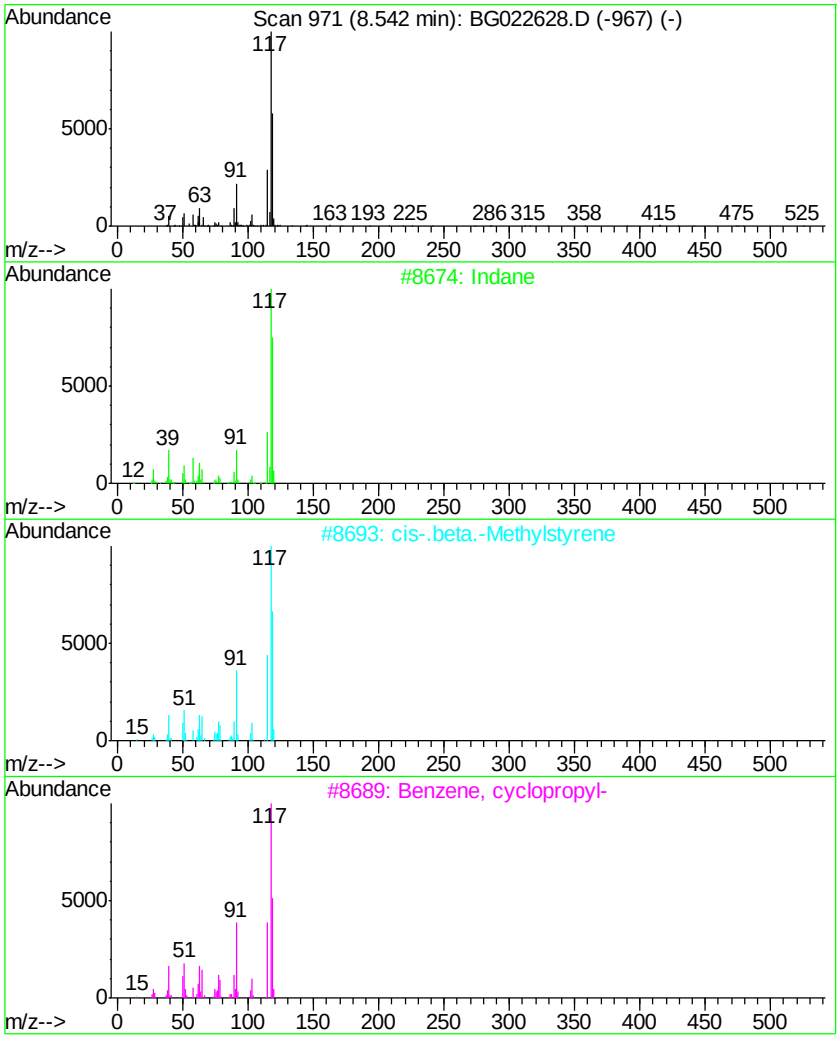
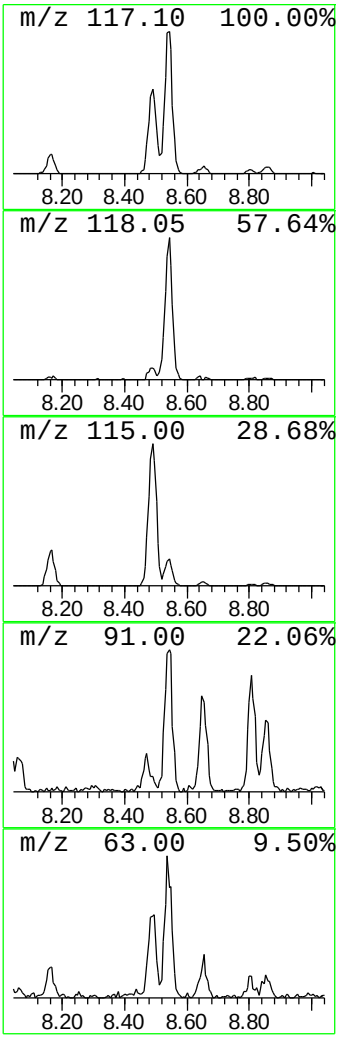
Peak Number 3 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	13.95 ng	720741	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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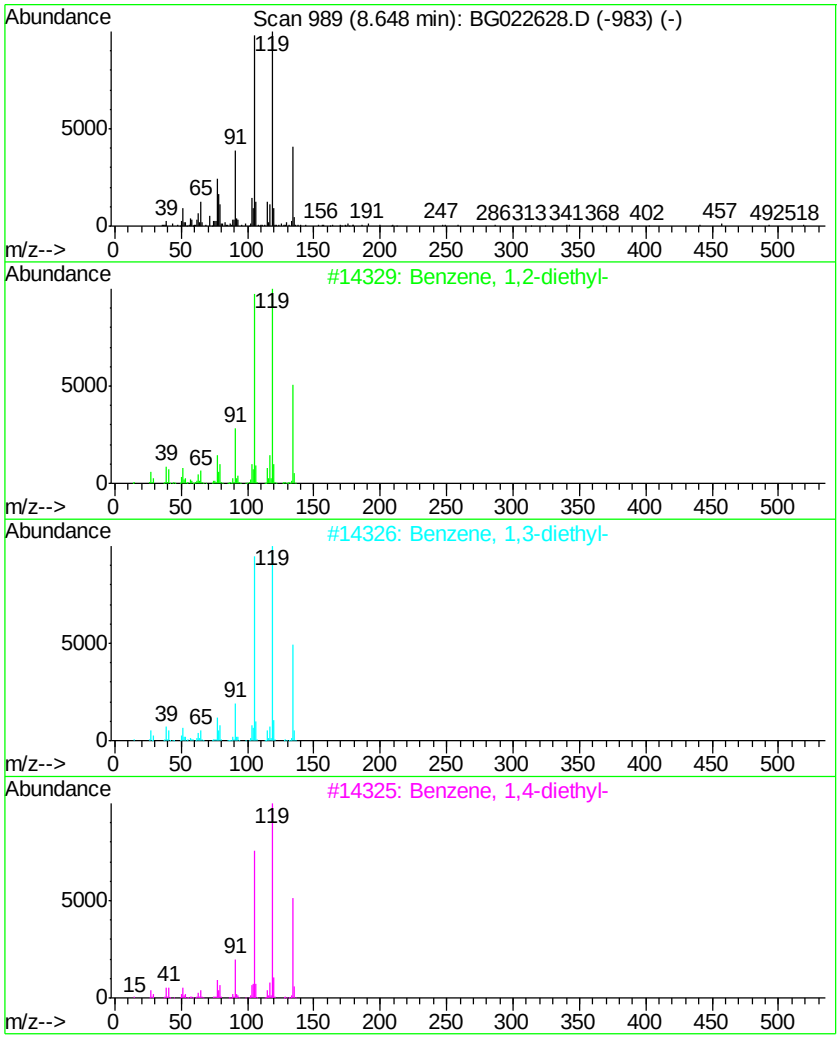
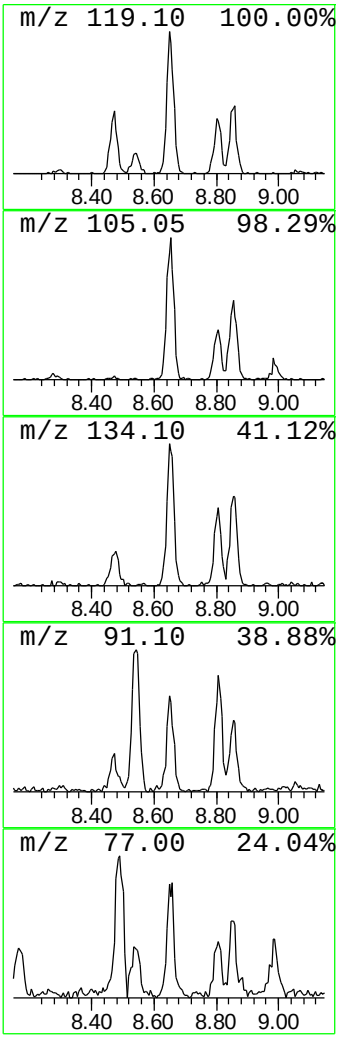
Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.56 ng	442395	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

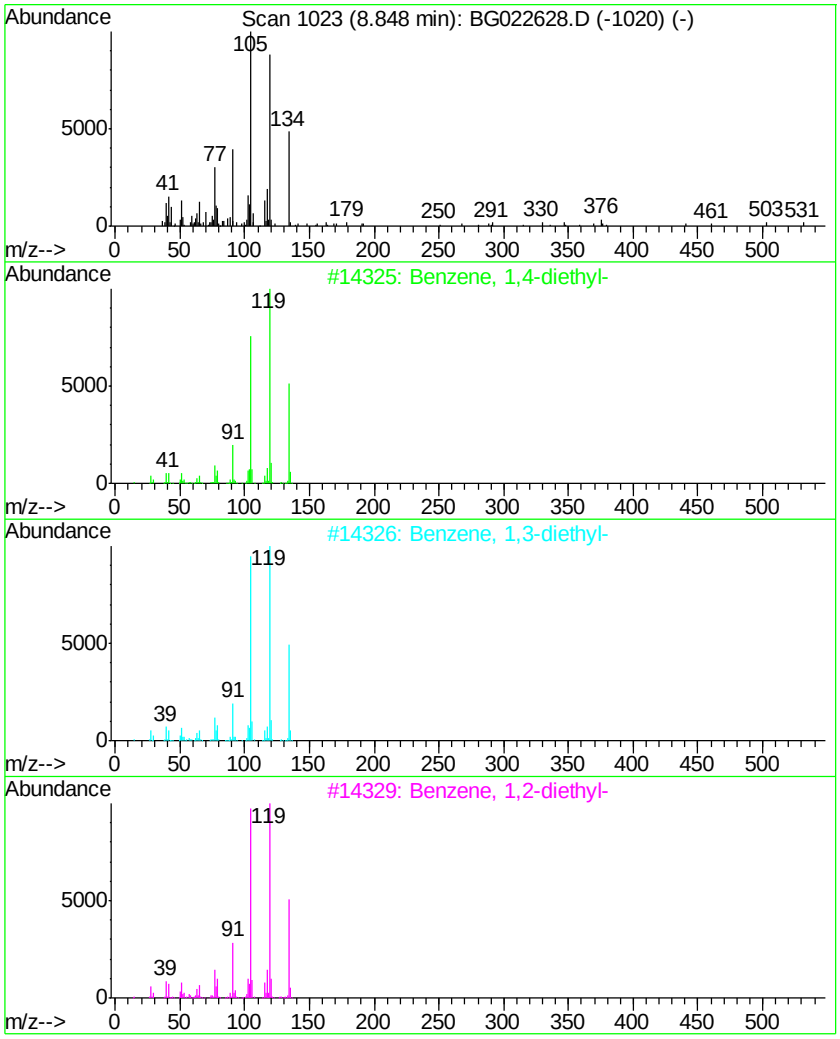
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

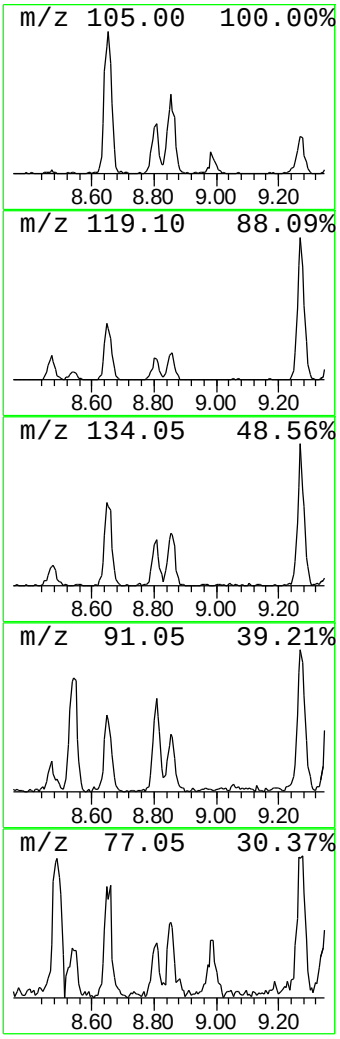
****

Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	7.28 ng	375943	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	72
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	58





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Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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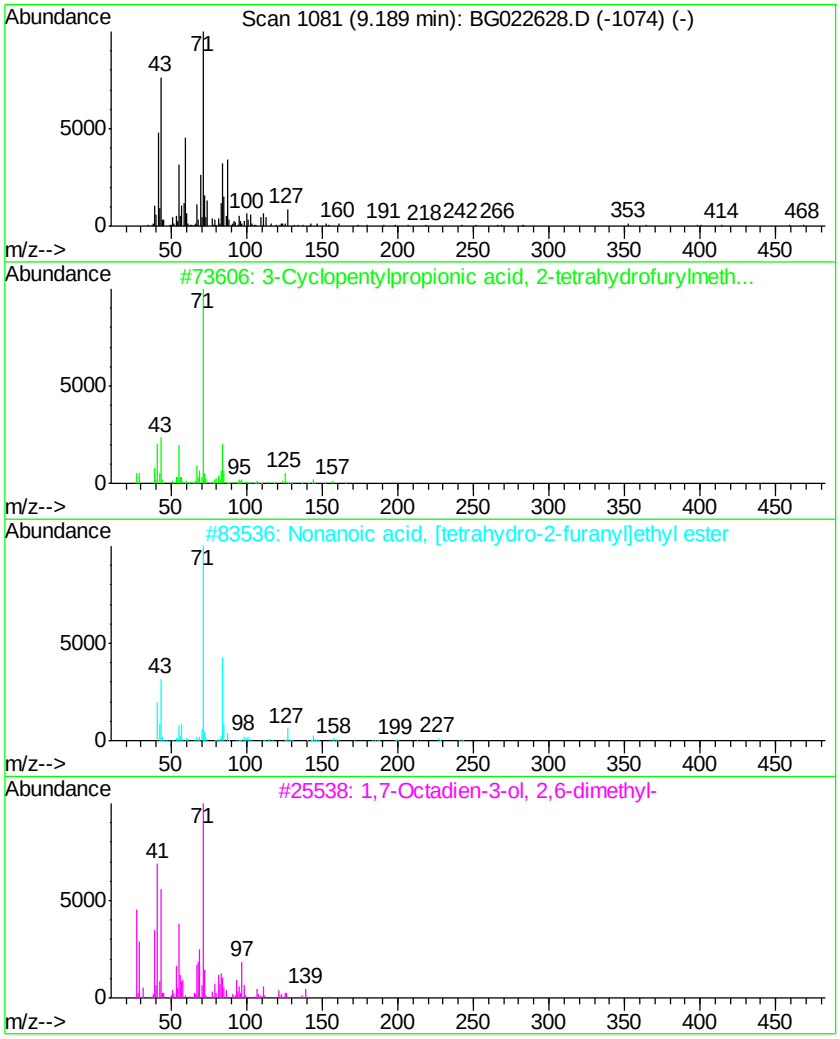
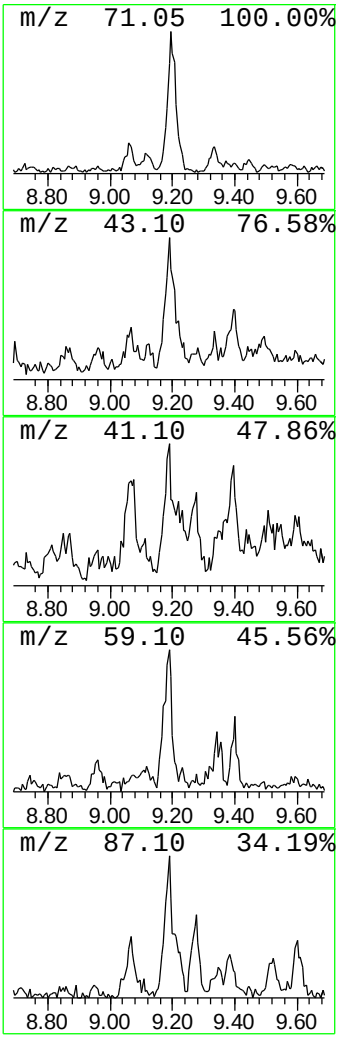
Peak Number 6 unknown9.19 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	9.77 ng	504862	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	47
2	Nonanoic acid, [tetrahydro-2-fur...	242	C14H26O3	1000132-19-0	46
3	1,7-Octadien-3-ol, 2,6-dimethyl-	154	C10H18O	022460-59-9	43
4	Cyclohexanecarboxylic acid, 2-te...	212	C12H20O3	1000279-85-7	43
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43





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Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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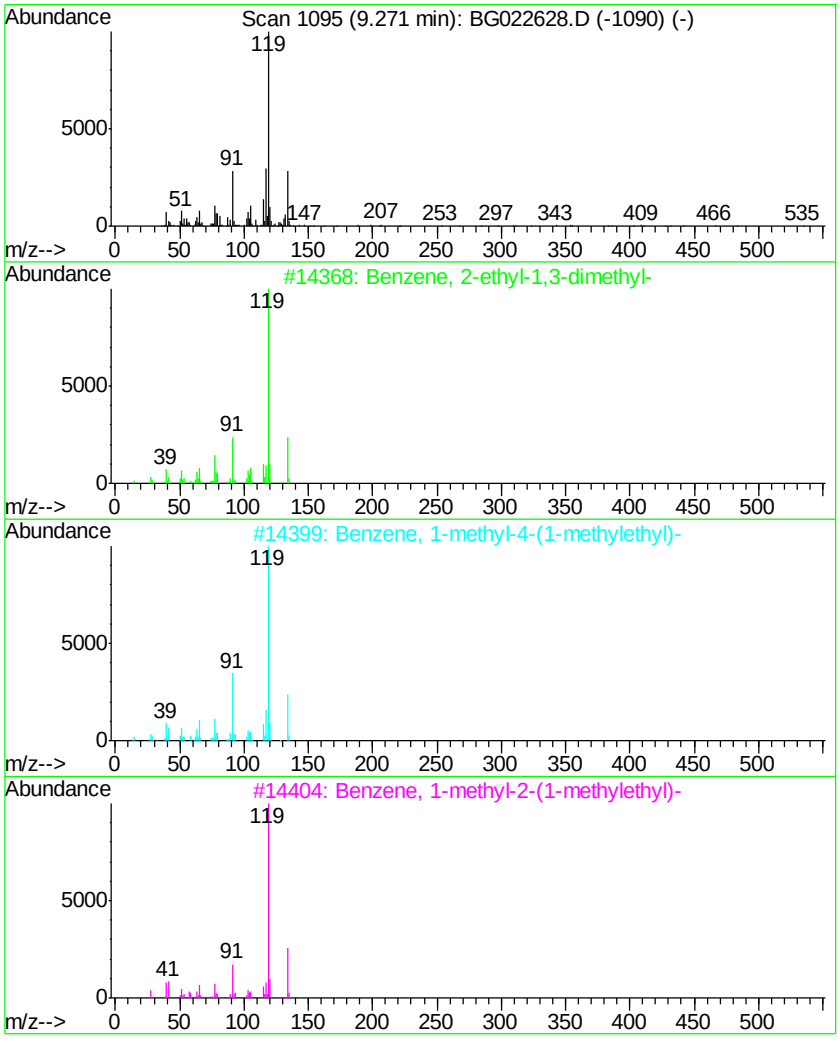
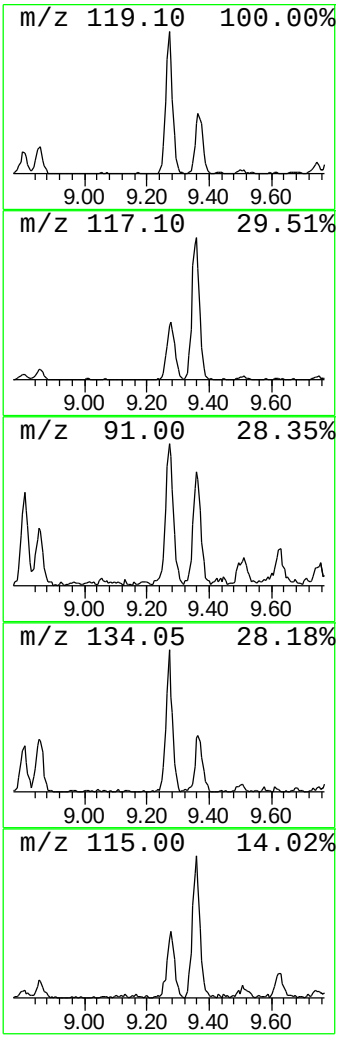
Peak Number 7 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	16.39 ng	846603	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	89
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





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Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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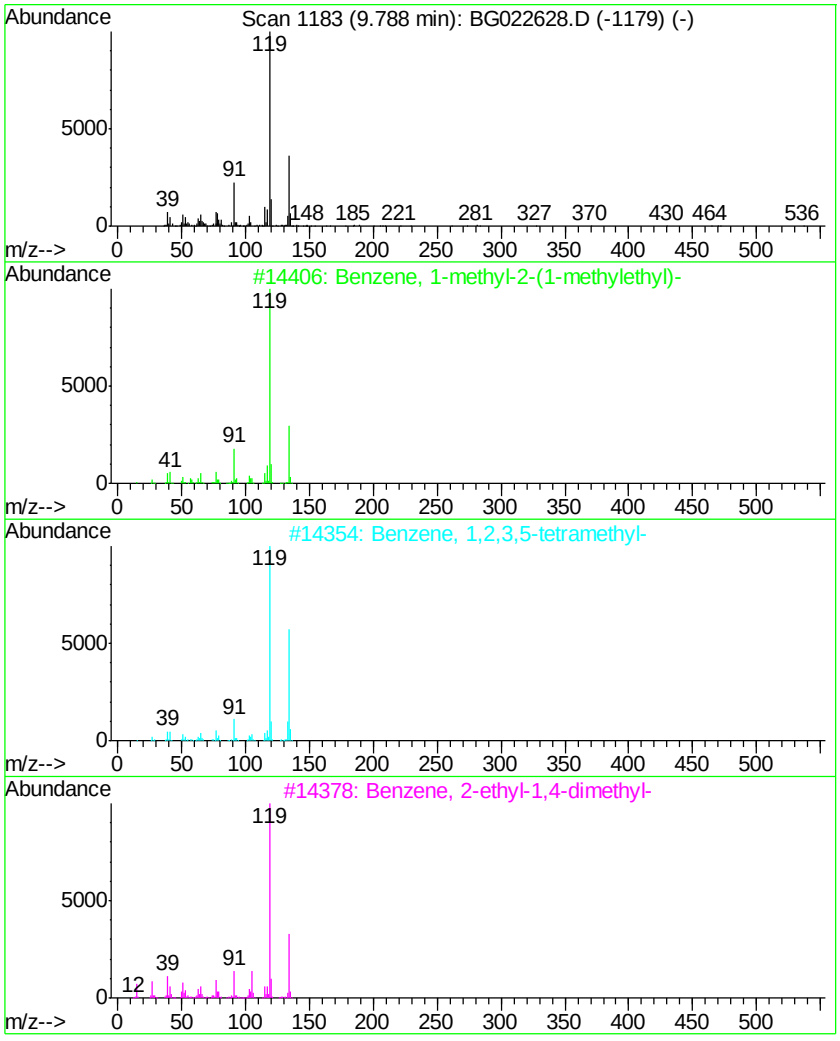
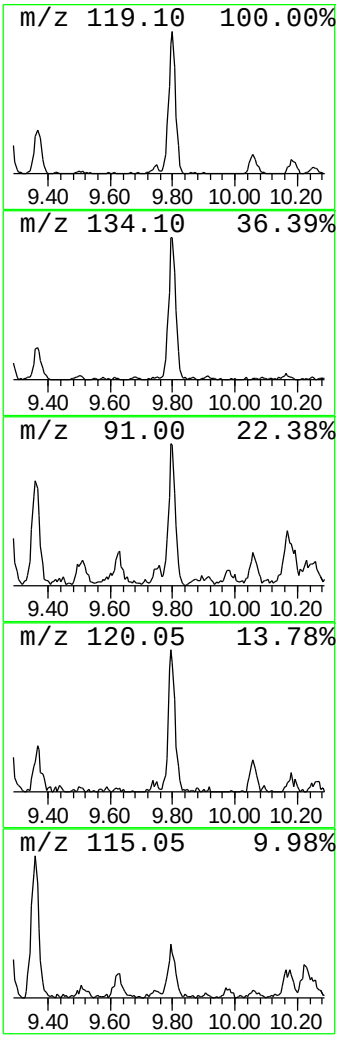
Peak Number 8 Benzene, 1-methyl-2-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	7.34 ng	841093	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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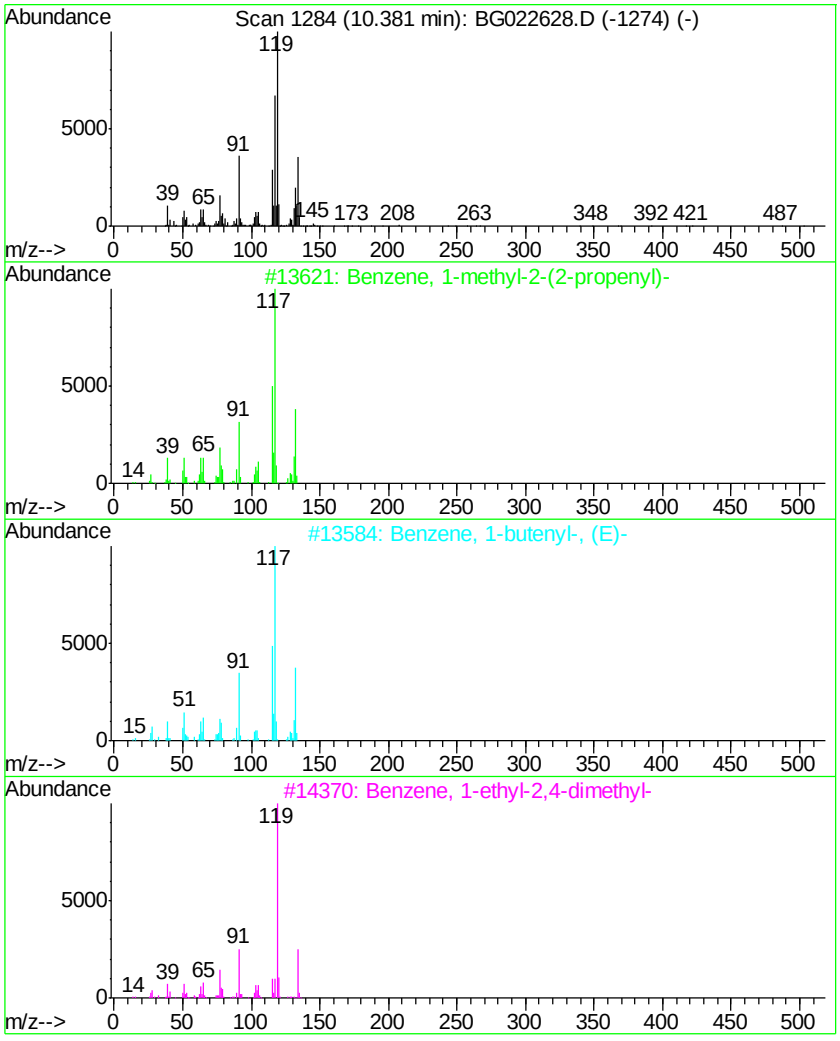
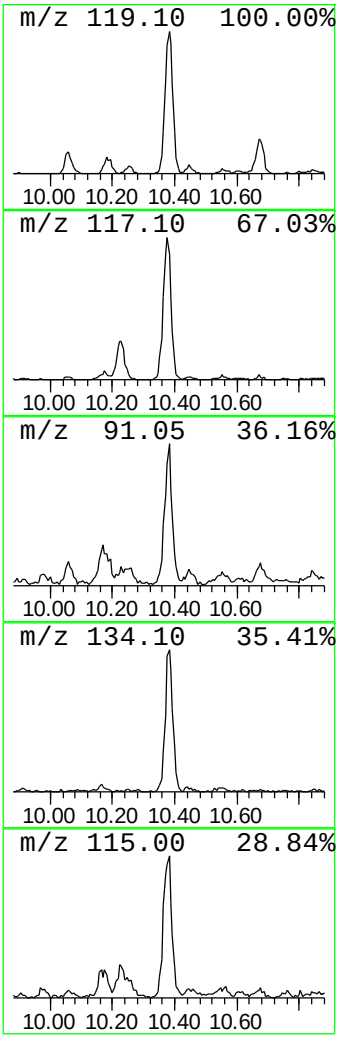
Peak Number 9 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	13.21 ng	1514840	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
2	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	86
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55





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Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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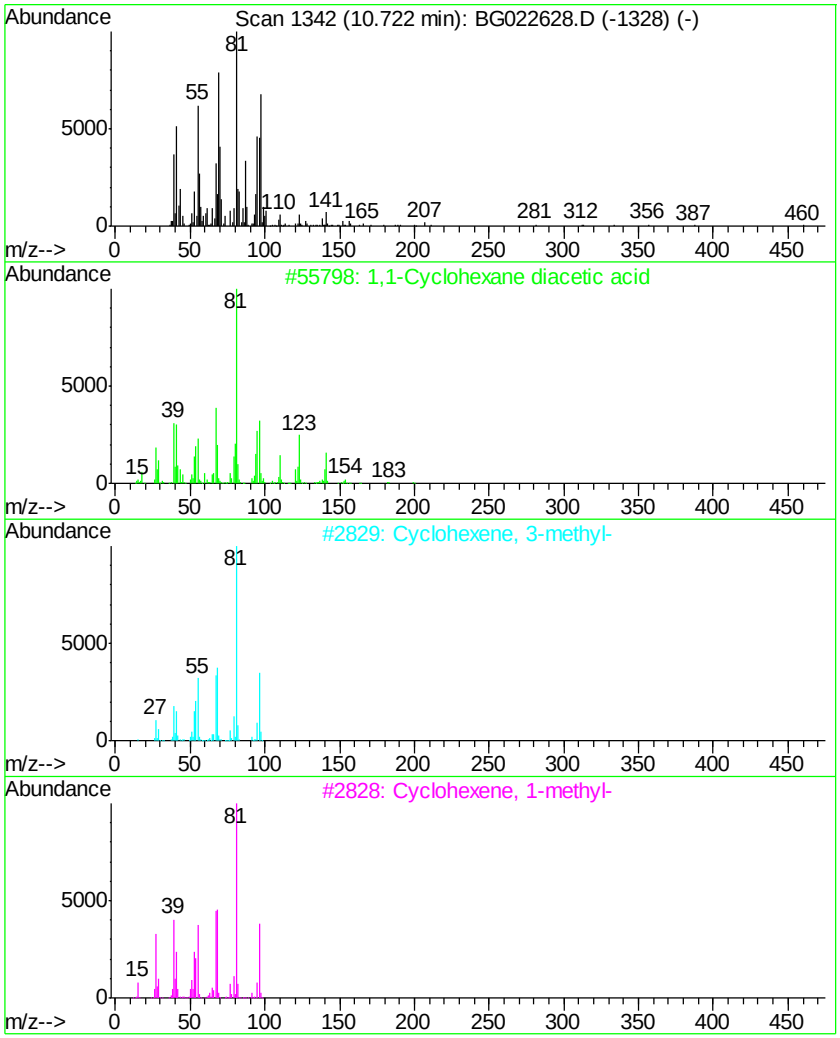
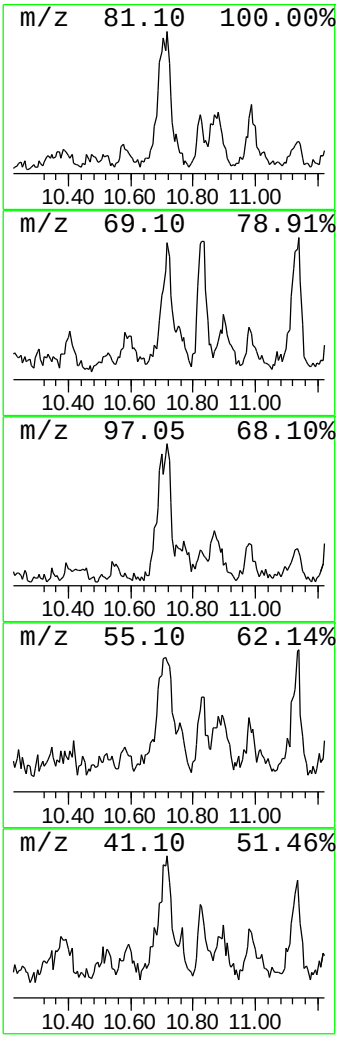
Peak Number 10 1,1-Cyclohexane diacetic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	10.70 ng	1227140	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Cyclohexane diacetic acid	200	C10H16O4	009355-11-7	50
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43
4	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	38
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38





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Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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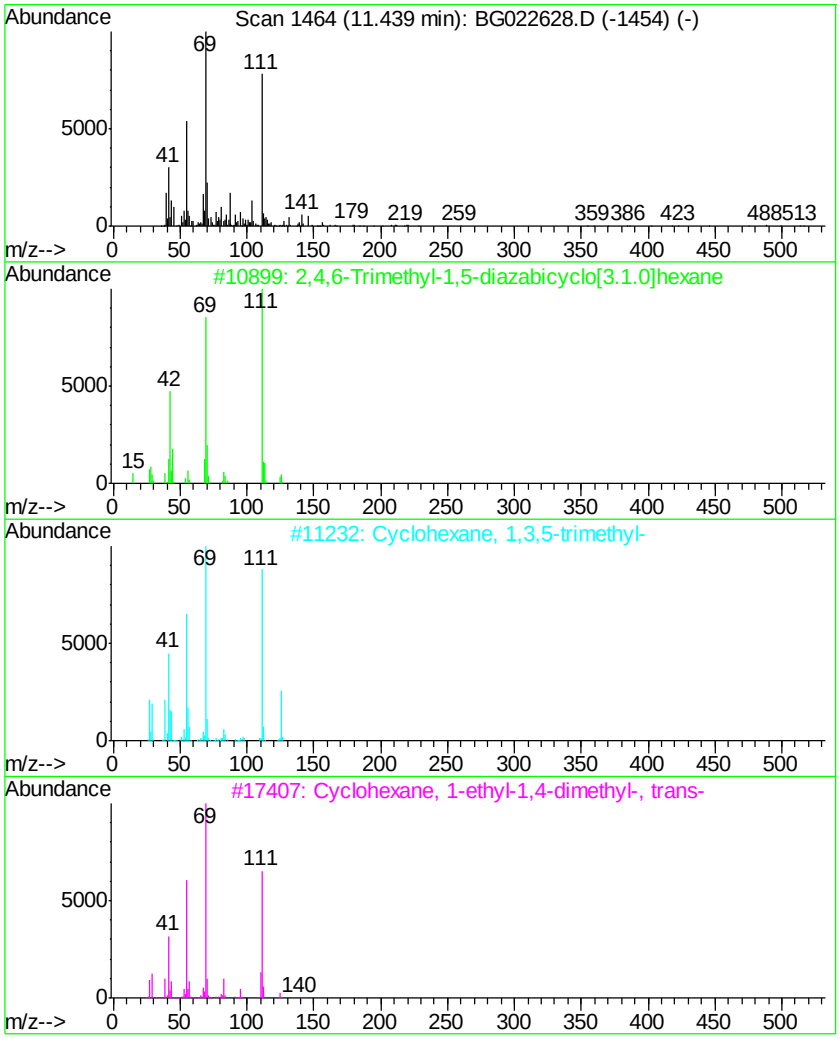
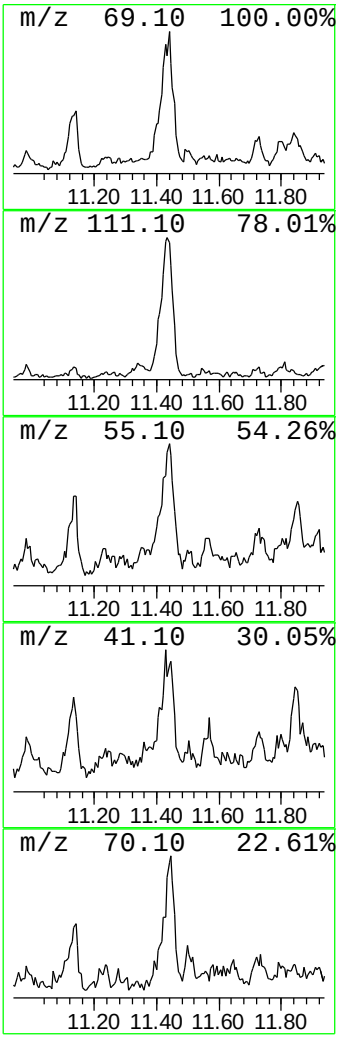
Peak Number 11 2,4,6-Trimethyl-1,5-diazabi... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	13.25 ng	1518340	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	64
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	64
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	64
5	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	59





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Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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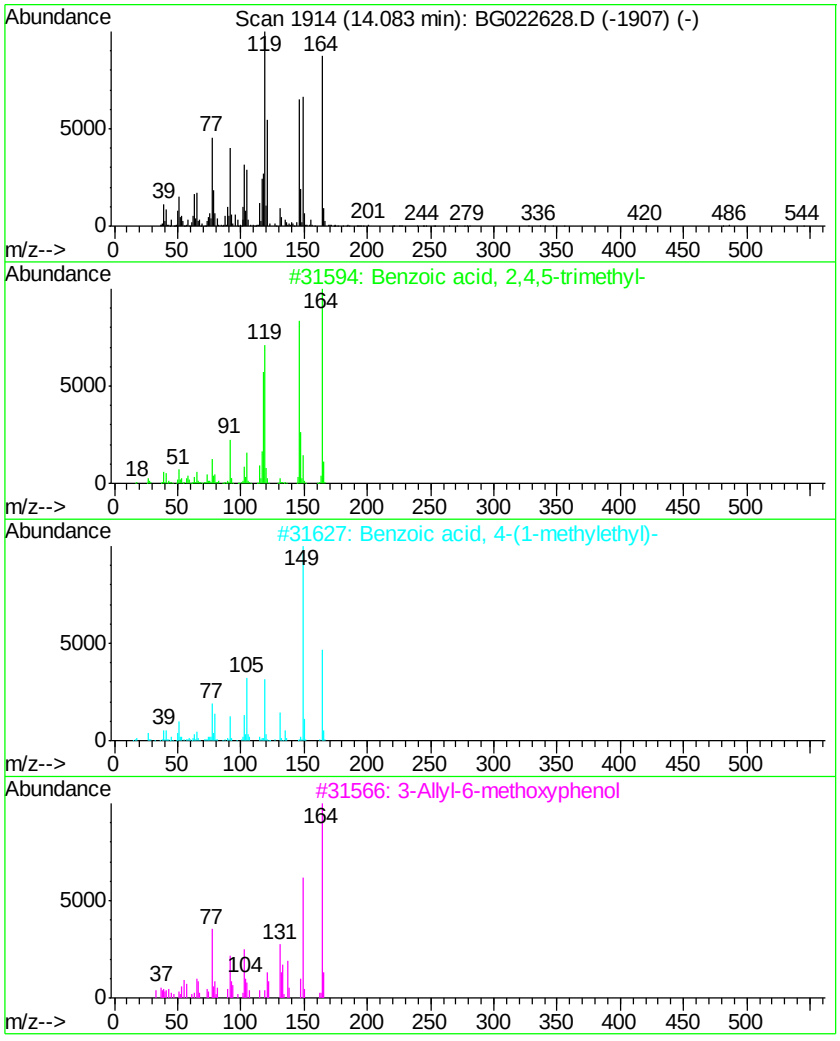
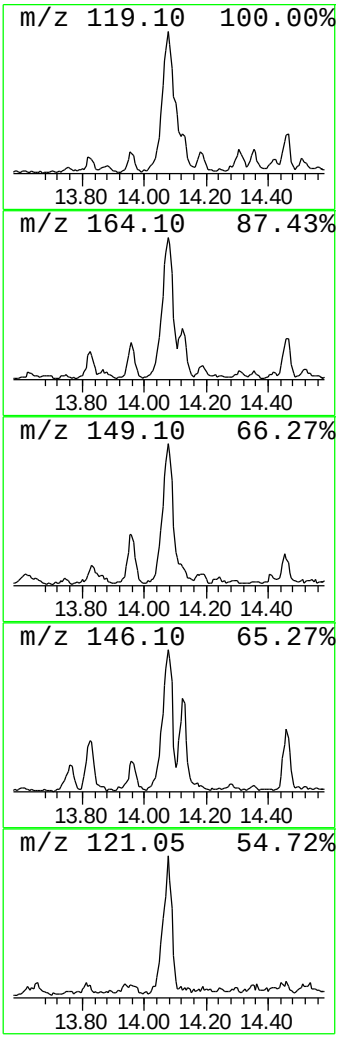
Peak Number 13 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	7.97 ng	2445520	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	81
2	Benzoic acid, 4-(1-methylethyl)-	164	C10H12O2	000536-66-3	43
3	3-Allyl-6-methoxyphenol	164	C10H12O2	000501-19-9	38
4	2,4,6-Cycloheptatrien-1-one, 2-h...	164	C10H12O2	000499-44-5	30
5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	25





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Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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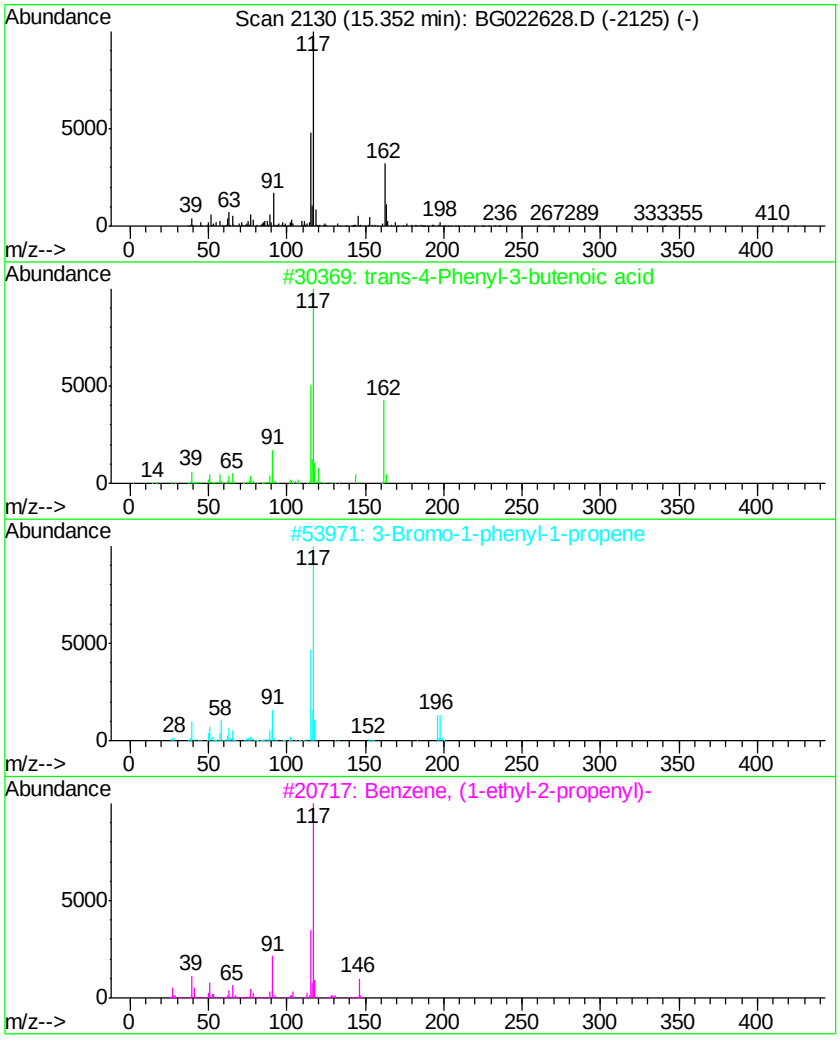
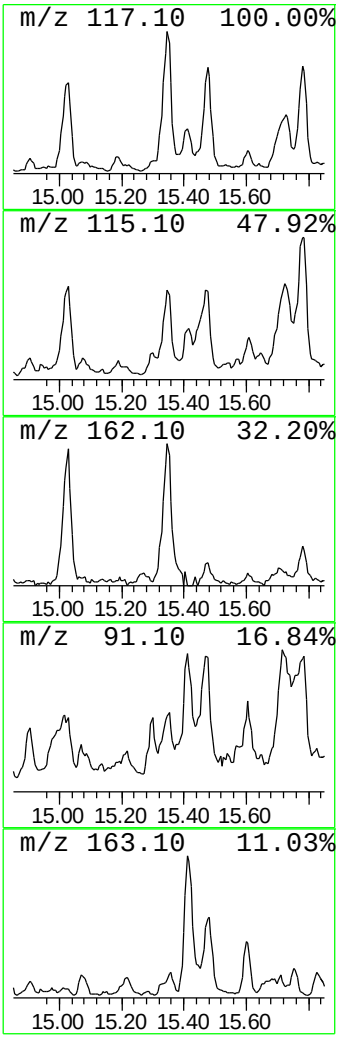
Peak Number 14 trans-4-Phenyl-3-butenoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	7.46 ng	2289860	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	91
2	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	64
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	59
4	3-Butenoic acid, 4-phenyl-, buty...	218	C14H18O2	054966-44-8	59
5	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	59





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Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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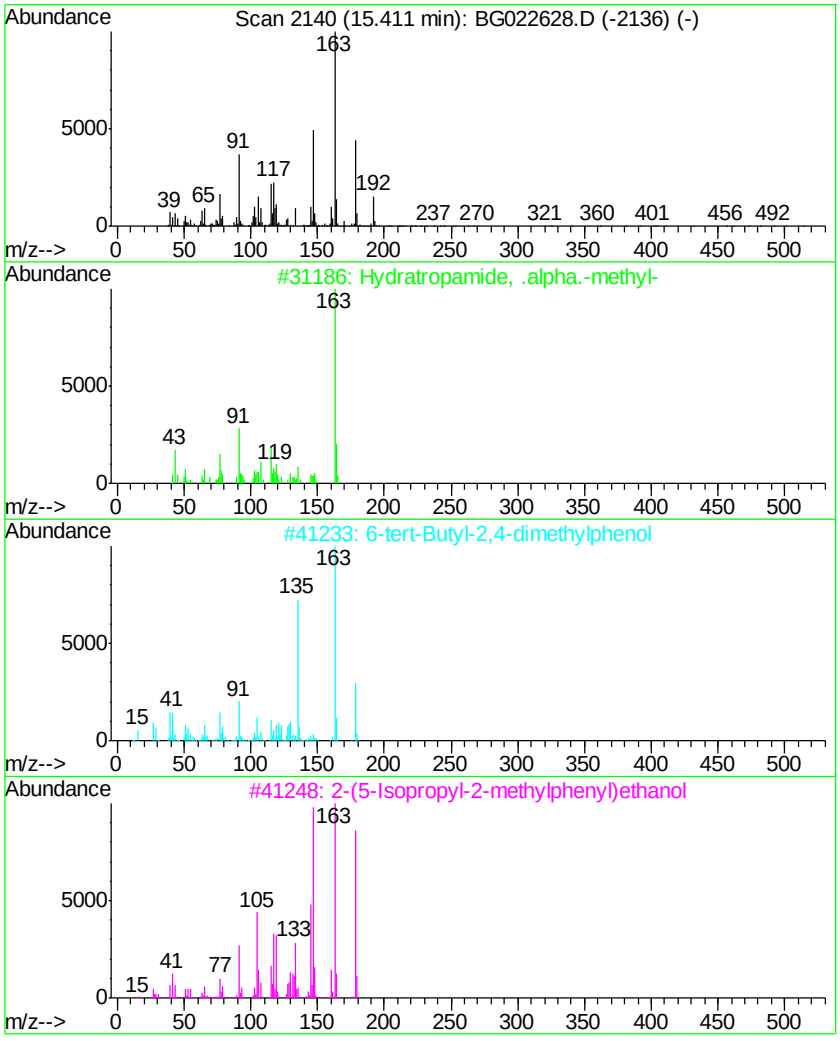
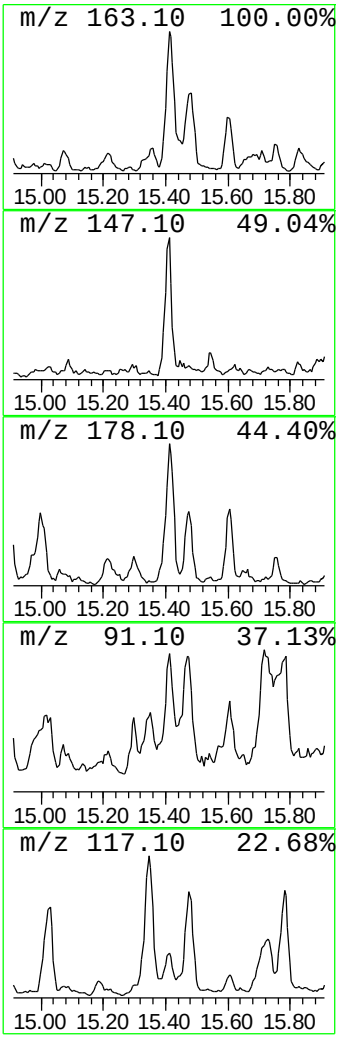
Peak Number 15 unknown15.41 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	10.18 ng	3122570	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydratropamide, .alpha.-methyl-	163	C10H13NO	000826-54-0	49
2	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	47
3	2-(5-Isopropyl-2-methylphenyl)et...	178	C12H18O	004389-64-4	47
4	Propofol	178	C12H18O	002078-54-8	47
5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	46





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Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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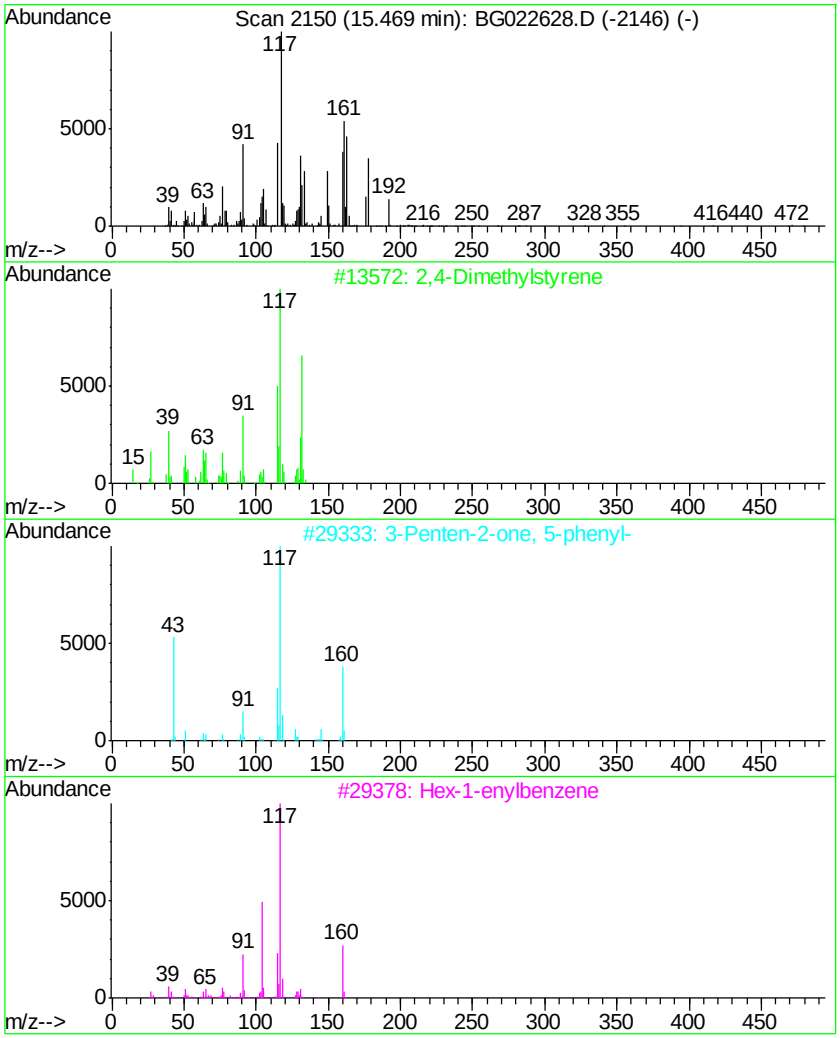
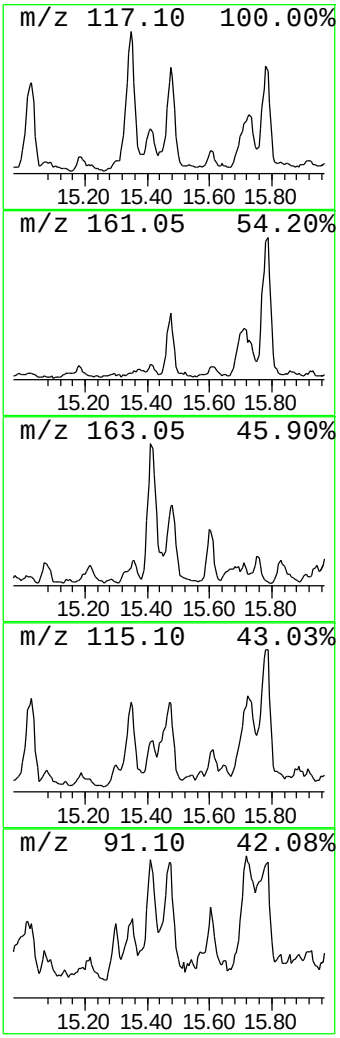
Peak Number 16 unknown15.47 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	12.14 ng	3724560	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	30
2	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	30
3	Hex-1-enylbenzene	160	C12H16	000828-15-9	25
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	25
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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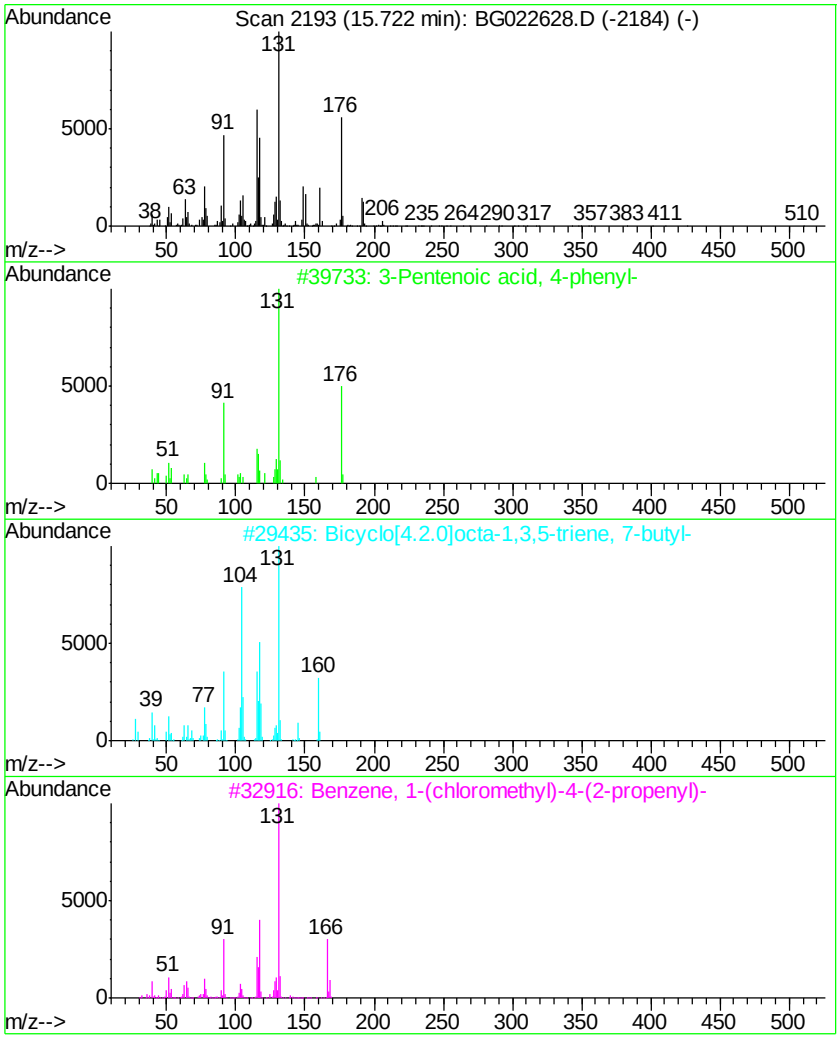
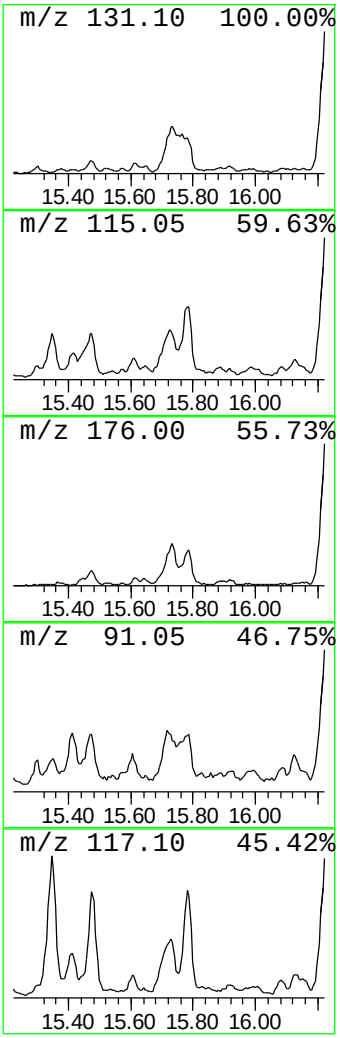
Peak Number 17 unknown15.72 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	13.12 ng	4024250	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	46
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	43
3	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	38
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	30
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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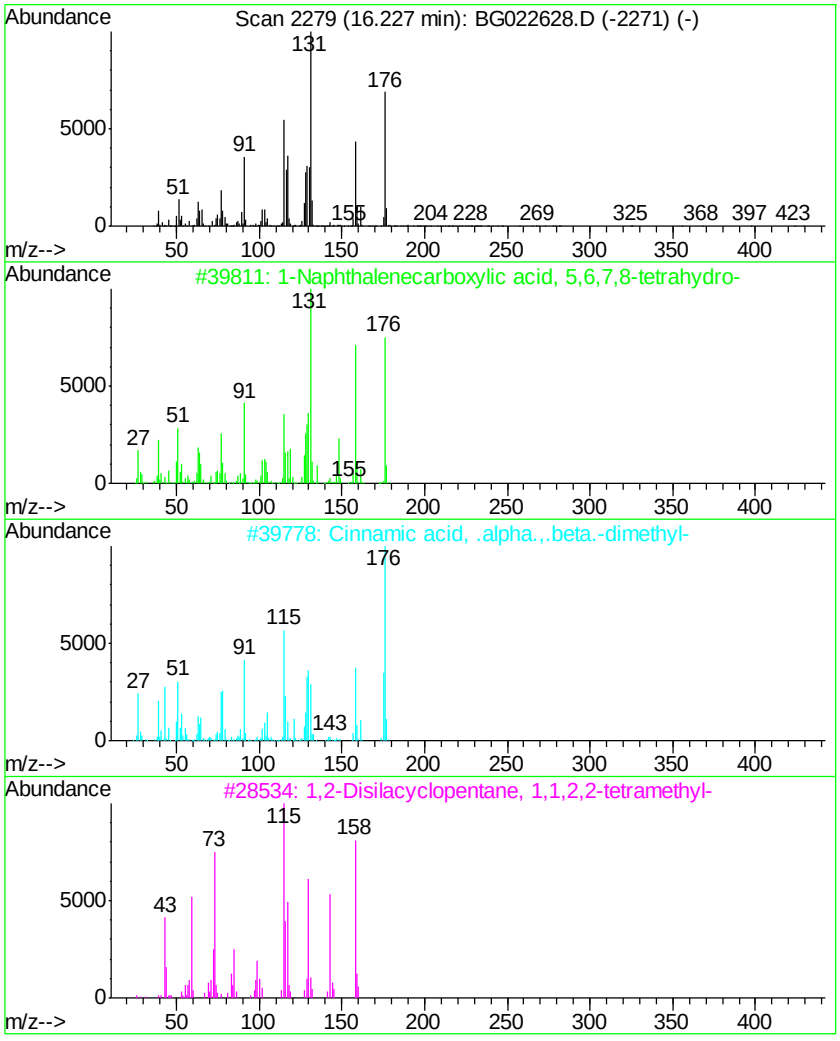
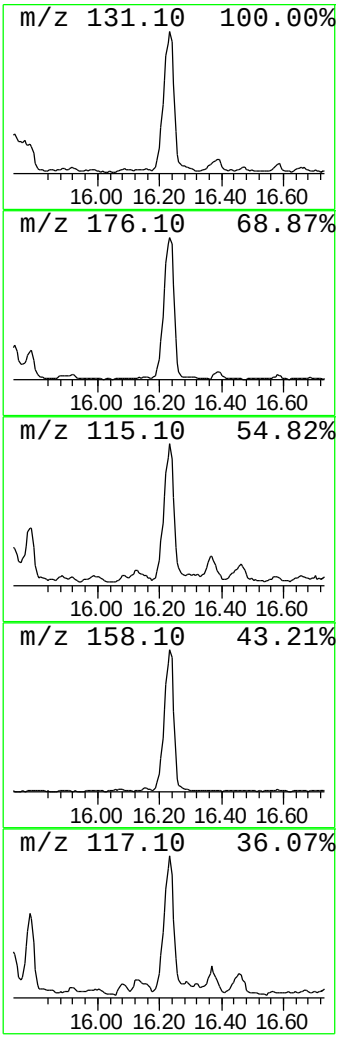
Peak Number 18 1-Naphthalenecarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	58.23 ng	16365900	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	94
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	49
3	1,2-Disilacyclopentane, 1,1,2,2-...	158	C7H18Si2	015003-82-4	38
4	Benzene, 1-butyl-2-ethynyl-	158	C12H14	104190-19-4	38
5	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	27





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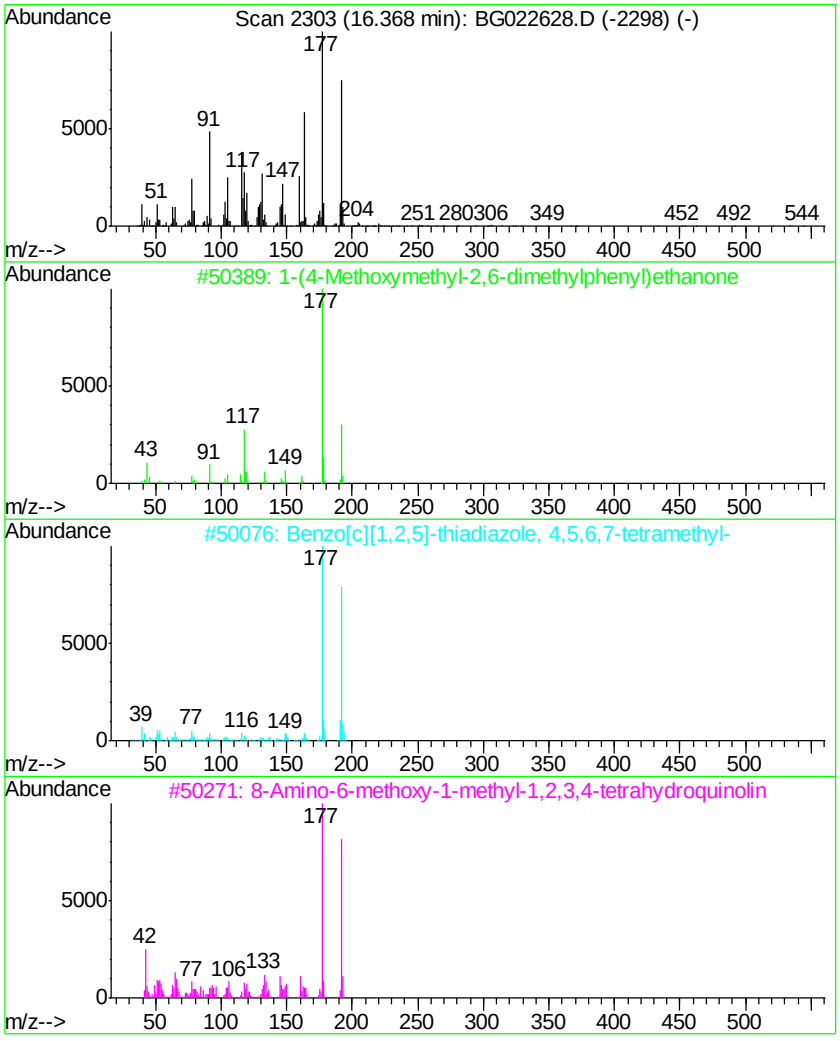
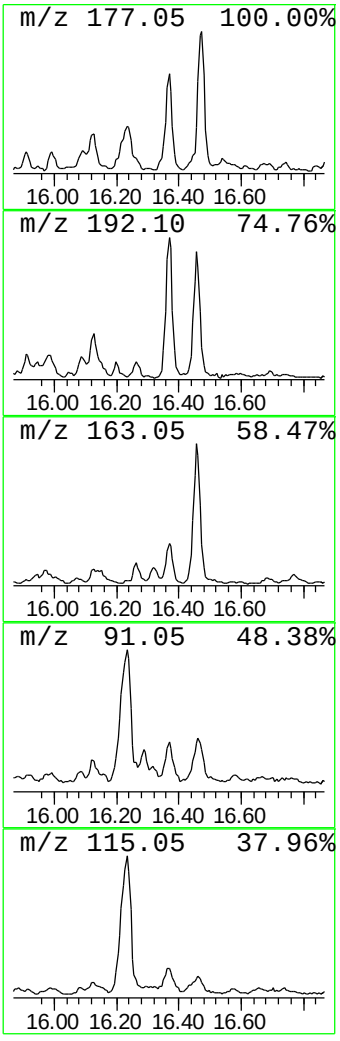
Peak Number 19 1-(4-Methoxymethyl-2,6-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	13.19 ng	3708640	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methoxymethyl-2,6-dimethylp...	192	C12H16O2	1000202-02-2	52
2	Benzo[c][1,2,5]-thiadiazole, 4,5...	192	C10H12N2S	106148-64-5	49
3	8-Amino-6-methoxy-1-methyl-1,2,3...	192	C11H16N2O	059353-30-9	47
4	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	47
5	Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.69	7.69	87.9	ng	4539830	1	8.17	1033100	20.0
Indane	8.54	13.9	ng	720741	1	8.17	1033100	20.0
Benzene, 1,2-diet...	8.65	8.6	ng	442395	1	8.17	1033100	20.0
Benzene, 1,4-diet...	8.85	7.3	ng	375943	1	8.17	1033100	20.0
unknown9.19	9.19	9.8	ng	504862	1	8.17	1033100	20.0
Benzene, 2-ethyl-...	9.27	16.4	ng	846603	1	8.17	1033100	20.0
Benzene, 1-methyl...	9.79	7.3	ng	841093	2	10.99	2292680	20.0
Benzene, 1-methyl...	10.38	13.2	ng	1514840	2	10.99	2292680	20.0
1,1-Cyclohexane d...	10.72	10.7	ng	1227140	2	10.99	2292680	20.0
2,4,6-Trimethyl-1...	11.44	13.3	ng	1518340	2	10.99	2292680	20.0
Benzoic acid, 2,4...	14.08	8.0	ng	2445520	3	14.80	6135360	20.0
trans-4-Phenyl-3-...	15.35	7.5	ng	2289860	3	14.80	6135360	20.0
unknown15.41	15.41	10.2	ng	3122570	3	14.80	6135360	20.0
unknown15.47	15.47	12.1	ng	3724560	3	14.80	6135360	20.0
unknown15.72	15.72	13.1	ng	4024250	3	14.80	6135360	20.0
1-Naphthalenecarb...	16.23	58.2	ng	16365900	4	17.56	5621420	20.0
1-(4-Methoxymethy...	16.37	13.2	ng	3708640	4	17.56	5621420	20.0