

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020959.D
 Acq On : 19 Feb 2016 6:17
 Operator : SJ/UM
 Sample : H1453-01 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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	3.090	38	43	52	rVB	60243	81416	20.49%	1.906%
2	3.243	65	69	76	rBV2	10200	16752	4.22%	0.392%
3	5.786	497	502	508	rVB2	11919	19205	4.83%	0.450%
4	7.396	769	776	783	rBV2	17193	29634	7.46%	0.694%
5	7.784	837	842	851	rVB	16327	29428	7.40%	0.689%
6	8.259	917	923	929	rBV	82343	136629	34.38%	3.199%
7	8.430	947	952	957	rBV3	4897	8836	2.22%	0.207%
8	8.500	960	964	967	rVV5	4269	7082	1.78%	0.166%
9	8.536	967	970	974	rVV3	5238	9111	2.29%	0.213%
10	8.583	974	978	988	rVB2	14108	25645	6.45%	0.601%
11	8.812	1011	1017	1022	rVB6	3383	6774	1.70%	0.159%
12	9.100	1062	1066	1071	rBV3	6632	12863	3.24%	0.301%
13	9.364	1107	1111	1117	rVV2	10613	20704	5.21%	0.485%
14	9.428	1117	1122	1125	rVV2	10458	20103	5.06%	0.471%
15	9.458	1125	1127	1134	rVV4	7945	11623	2.92%	0.272%
16	9.575	1142	1147	1148	rBV3	4531	6486	1.63%	0.152%
17	9.605	1150	1152	1159	rVV6	5076	10068	2.53%	0.236%
18	9.722	1168	1172	1181	rVB7	4124	9731	2.45%	0.228%
19	9.816	1181	1188	1191	rBV7	2843	7210	1.81%	0.169%
20	9.893	1197	1201	1208	rBV5	4982	8847	2.23%	0.207%
21	9.998	1214	1219	1228	rVB4	8001	18599	4.68%	0.436%
22	10.192	1248	1252	1256	rVB2	6710	9053	2.28%	0.212%
23	10.257	1256	1263	1273	rVB9	11668	22145	5.57%	0.519%
24	10.474	1294	1300	1304	rBV4	8040	14648	3.69%	0.343%
25	10.650	1323	1330	1342	rBV4	4151	15219	3.83%	0.356%
26	10.768	1345	1350	1351	rBV2	5599	6801	1.71%	0.159%
27	10.856	1359	1365	1369	rBV5	4595	8643	2.17%	0.202%
28	11.085	1390	1404	1412	rBV	143855	275938	69.43%	6.462%
29	11.208	1418	1425	1433	rVB8	8688	24359	6.13%	0.570%
30	11.291	1433	1439	1446	rBV7	7718	17323	4.36%	0.406%
31	11.443	1457	1465	1469	rBV7	4788	11471	2.89%	0.269%
32	11.502	1469	1475	1479	rBV4	6295	11449	2.88%	0.268%
33	11.567	1479	1486	1491	rVB5	8798	19513	4.91%	0.457%
34	11.766	1509	1520	1527	rVB5	14791	35719	8.99%	0.836%

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.902	1537	1543	1548	rBV7	4377	10281	2.59%	0.241%
36	11.984	1551	1557	1563	rVB7	8641	17668	4.45%	0.414%
37	12.072	1564	1572	1576	rBV	36771	58158	14.63%	1.362%
38	12.113	1576	1579	1584	rVV3	7778	13023	3.28%	0.305%
39	12.166	1584	1588	1595	rVB8	11030	20311	5.11%	0.476%
40	12.260	1599	1604	1609	rVB4	11844	18798	4.73%	0.440%
41	12.342	1609	1618	1622	rBV9	7942	21810	5.49%	0.511%
42	12.448	1632	1636	1640	rBV6	4420	7474	1.88%	0.175%
43	12.607	1660	1663	1668	rVB6	7787	12402	3.12%	0.290%
44	12.677	1668	1675	1683	rVB10	10866	25419	6.40%	0.595%
45	12.800	1689	1696	1701	rBV8	6610	13532	3.41%	0.317%
46	12.859	1702	1706	1708	rBV5	5009	8039	2.02%	0.188%
47	12.935	1715	1719	1721	rBV2	10401	15071	3.79%	0.353%
48	13.088	1741	1745	1750	rBV7	5965	11506	2.90%	0.269%
49	13.153	1752	1756	1762	rVB5	13329	22449	5.65%	0.526%
50	13.217	1762	1767	1773	rBV7	6481	16451	4.14%	0.385%
51	13.394	1791	1797	1806	rBV3	50950	89792	22.59%	2.103%
52	13.494	1808	1814	1820	rVV	34712	57646	14.51%	1.350%
53	13.588	1826	1830	1834	rVB5	5295	8446	2.13%	0.198%
54	13.664	1838	1843	1855	rVV9	15310	44486	11.19%	1.042%
55	13.764	1855	1860	1863	rBV6	9215	17973	4.52%	0.421%
56	13.817	1867	1869	1871	rVB3	10221	8747	2.20%	0.205%
57	14.028	1901	1905	1907	rBV3	16427	22217	5.59%	0.520%
58	14.146	1921	1925	1928	rBV6	9584	17541	4.41%	0.411%
59	14.193	1928	1933	1937	rVV2	31729	58121	14.62%	1.361%
60	14.245	1937	1942	1946	rVB2	22854	35304	8.88%	0.827%
61	14.292	1946	1950	1953	rBV	42352	65225	16.41%	1.527%
62	14.328	1953	1956	1961	rVV2	63450	90737	22.83%	2.125%
63	14.381	1961	1965	1968	rVV6	10676	19140	4.82%	0.448%
64	14.428	1969	1973	1983	rVB7	14960	32298	8.13%	0.756%
65	14.616	1998	2005	2009	rBV8	15660	41403	10.42%	0.970%
66	14.698	2015	2019	2025	rVB3	30295	48394	12.18%	1.133%
67	14.868	2036	2048	2057	rBV2	213157	397413	100.00%	9.306%
68	14.945	2058	2061	2064	rVB5	9573	12421	3.13%	0.291%
69	15.074	2078	2083	2092	rVB4	18096	41170	10.36%	0.964%
70	15.144	2093	2095	2098	rBV3	8566	11186	2.81%	0.262%
71	15.250	2108	2113	2118	rVB3	22523	42157	10.61%	0.987%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	15.332	2123	2127	2131	rBV	15901	26068	6.56%	0.610%
73	15.479	2147	2152	2156	rBV3	22792	40874	10.29%	0.957%
74	15.526	2156	2160	2165	rVB3	16445	23657	5.95%	0.554%
75	15.579	2165	2169	2174	rVB6	11849	20939	5.27%	0.490%
76	15.649	2174	2181	2184	rBV6	21542	43277	10.89%	1.013%
77	15.749	2193	2198	2201	rBV6	7498	13044	3.28%	0.305%
78	16.084	2249	2255	2265	rVB	45321	93853	23.62%	2.198%
79	16.184	2267	2272	2275	rBV7	7089	13269	3.34%	0.311%
80	16.349	2296	2300	2304	rBV2	17456	23675	5.96%	0.554%
81	16.566	2332	2337	2344	rBV	92728	131824	33.17%	3.087%
82	16.707	2358	2361	2365	rVB4	7803	12150	3.06%	0.285%
83	16.948	2399	2402	2409	rVB8	11814	22772	5.73%	0.533%
84	17.382	2471	2476	2481	rBV	44554	66504	16.73%	1.557%
85	17.482	2491	2493	2500	rVB7	5969	9260	2.33%	0.217%
86	17.606	2507	2514	2520	rBV	236436	364134	91.63%	8.527%
87	17.876	2556	2560	2561	rBV4	5739	7352	1.85%	0.172%
88	17.993	2576	2580	2585	rBV5	10522	18773	4.72%	0.440%
89	18.164	2604	2609	2611	rBV5	4896	9964	2.51%	0.233%
90	18.475	2658	2662	2664	rBV3	6782	9392	2.36%	0.220%
91	18.522	2667	2670	2676	rVB2	10158	13148	3.31%	0.308%
92	18.710	2698	2702	2707	rVB5	7595	11994	3.02%	0.281%
93	19.203	2783	2786	2791	rVB6	8241	10163	2.56%	0.238%
94	19.374	2811	2815	2819	rBV2	8033	10054	2.53%	0.235%
95	19.632	2856	2859	2865	rVB2	5091	9517	2.39%	0.223%
96	20.002	2917	2922	2929	rVB3	8607	14669	3.69%	0.343%
97	20.061	2929	2932	2937	rBV7	4681	6266	1.58%	0.147%
98	20.185	2948	2953	2957	rVB	47714	63225	15.91%	1.481%
99	21.882	3235	3242	3249	rBV	227327	381143	95.91%	8.925%
100	25.248	3805	3815	3829	rVB2	130276	376270	94.68%	8.811%

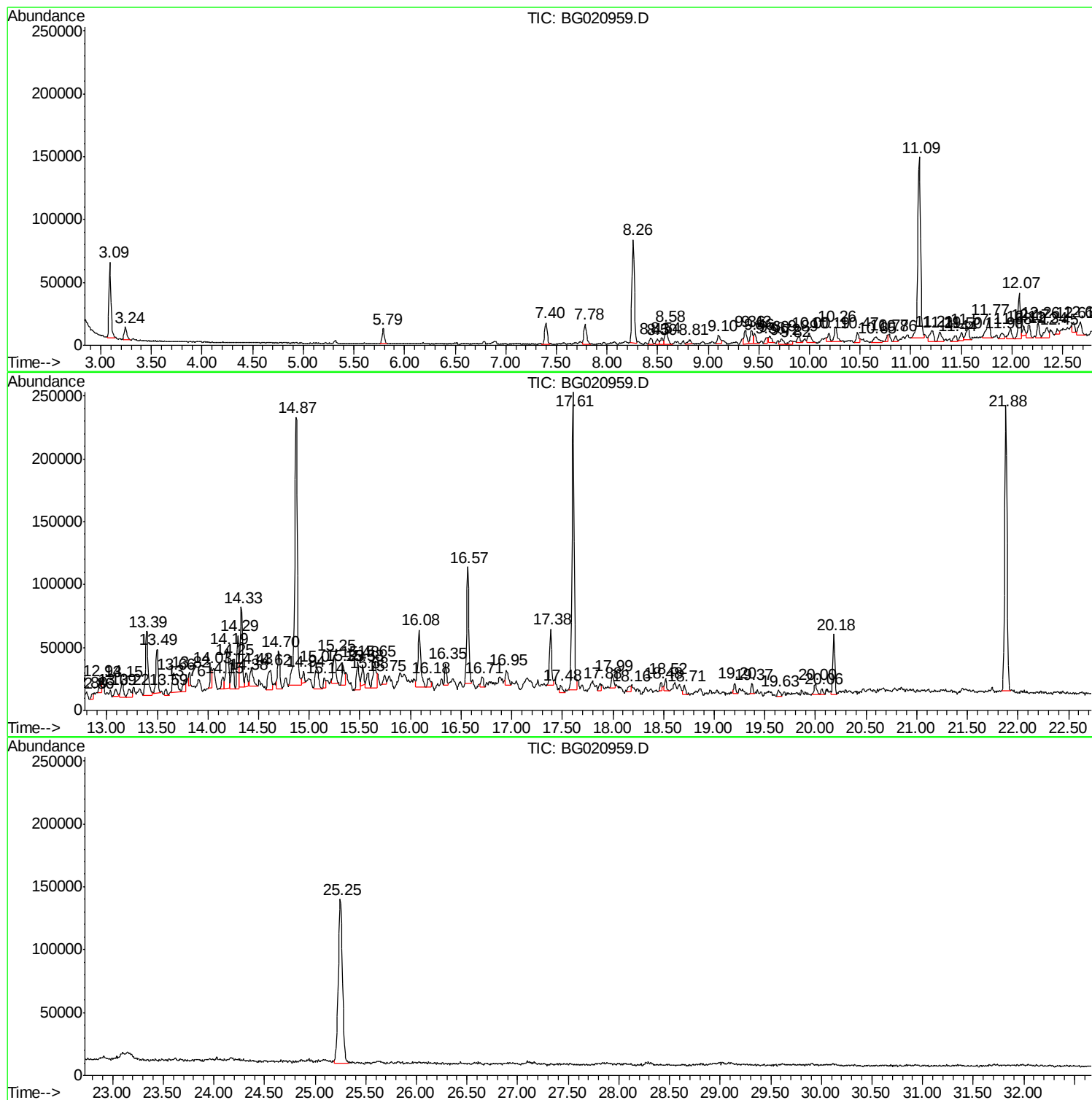
Sum of corrected areas: 4270466

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampled :
EGR-A-1

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.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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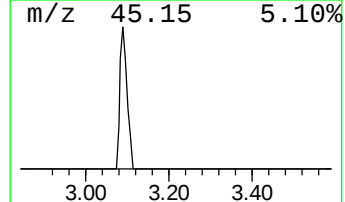
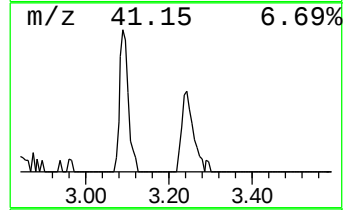
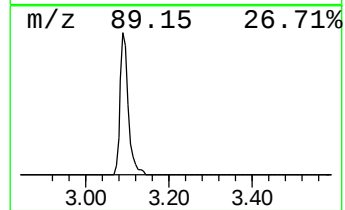
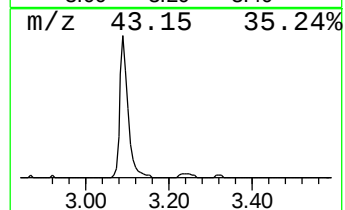
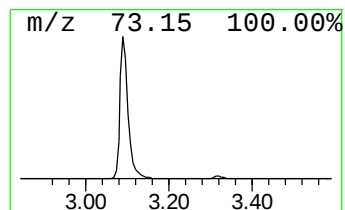
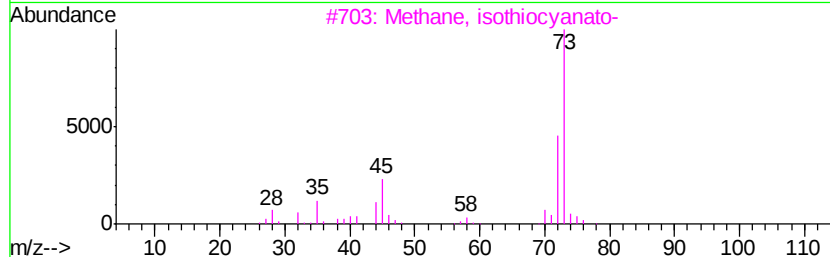
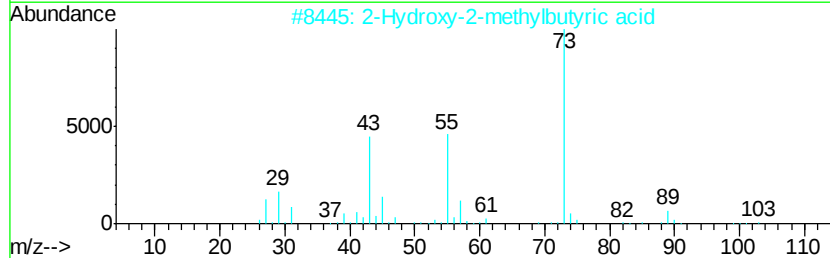
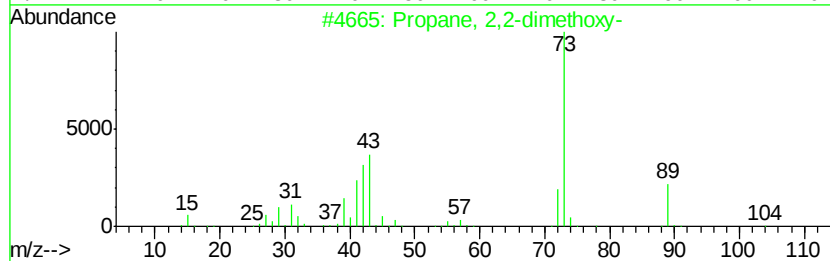
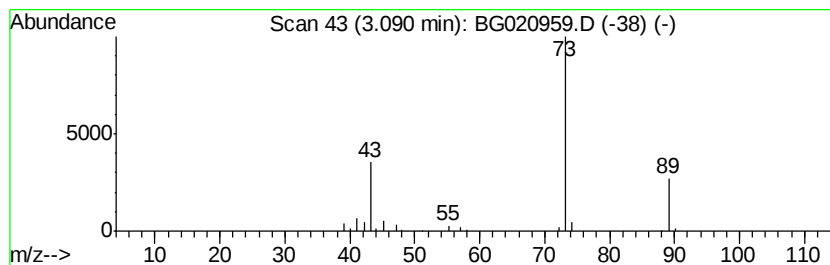
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	11.92 ng	81416	1,4-Dichlorobenzene-d4	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3			Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4			N-Ethylformamide	73	C3H7NO	000627-45-2	7
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	4



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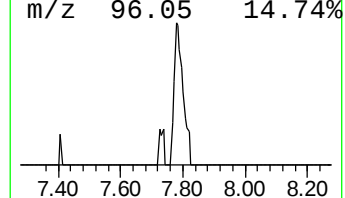
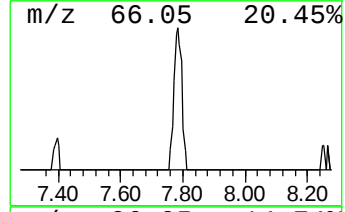
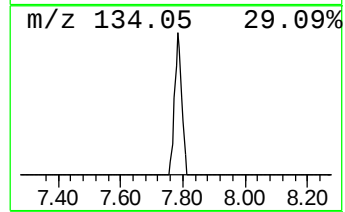
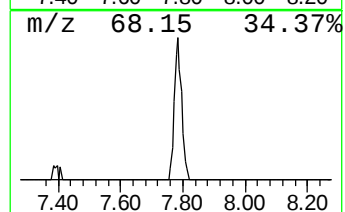
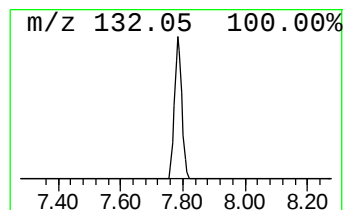
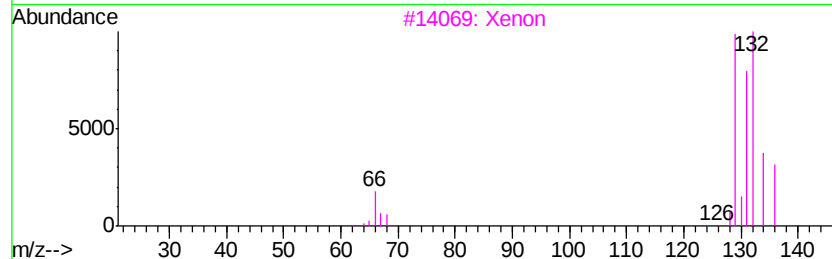
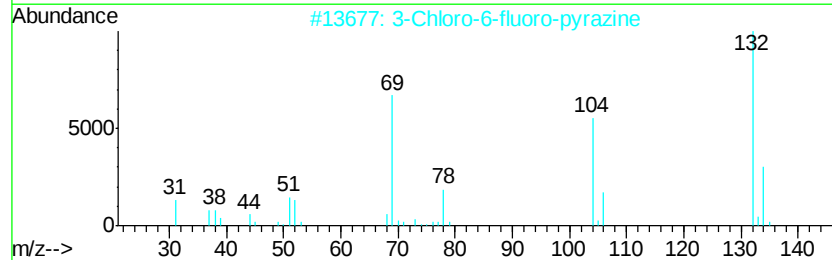
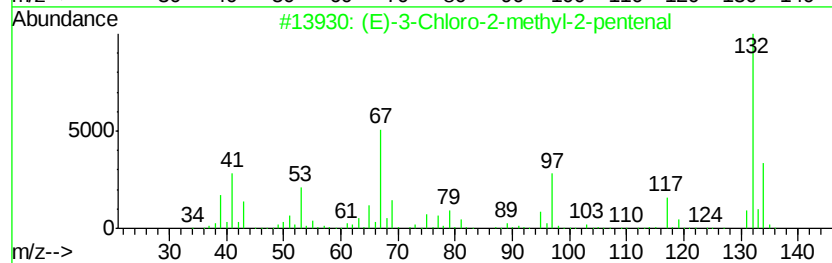
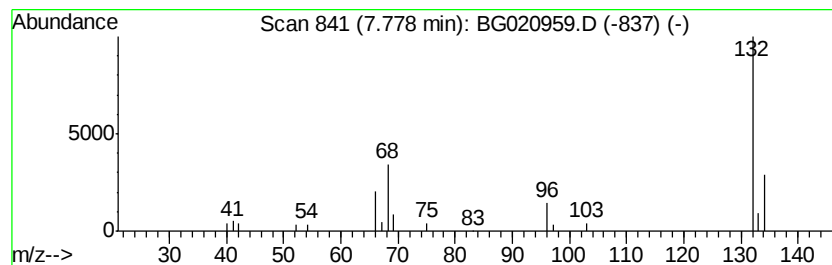
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.78 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	4.31 ng	29428	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	49
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
3	Xenon	132	Xe	007440-63-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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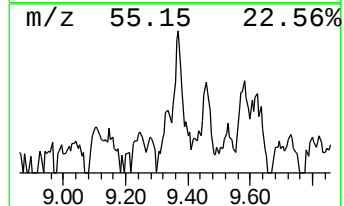
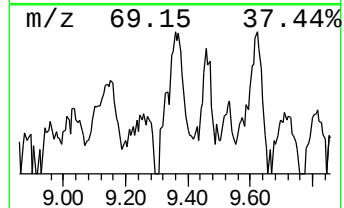
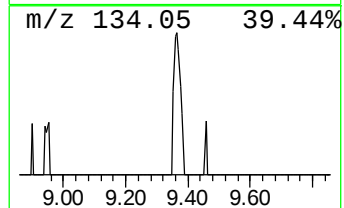
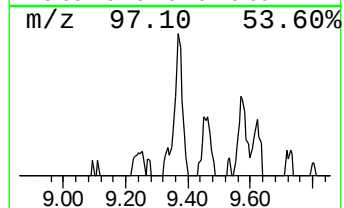
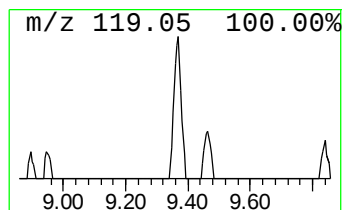
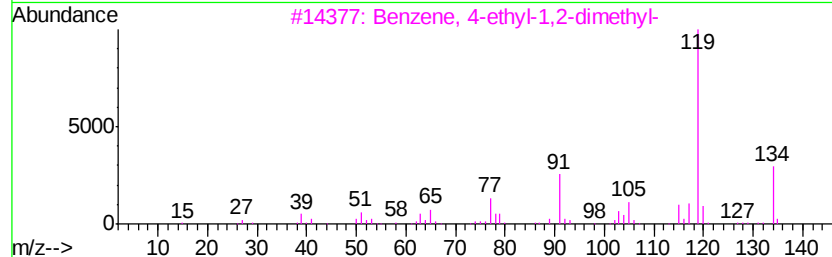
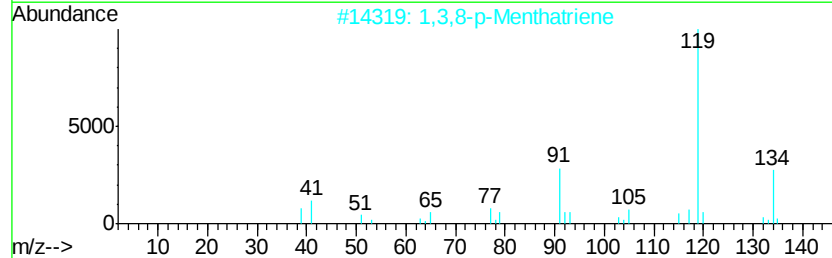
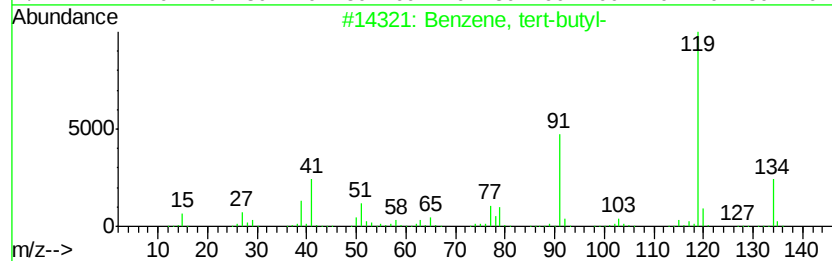
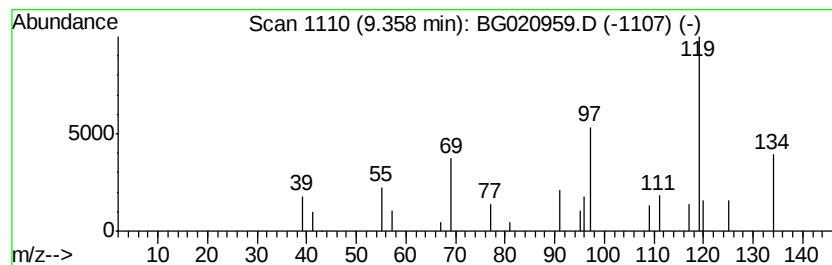
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.36 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.03 ng	20704	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, tert-butyl-	134	C10H14	000098-06-6	43
2		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	43
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	37
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	37
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	37



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
Acq On : 19 Feb 2016 6:17
Operator : SJ/UM
Sample : H1453-01 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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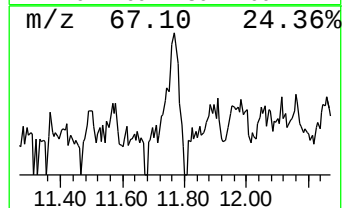
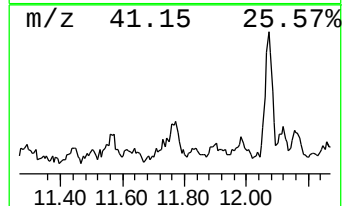
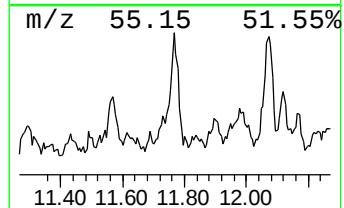
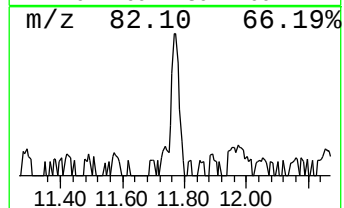
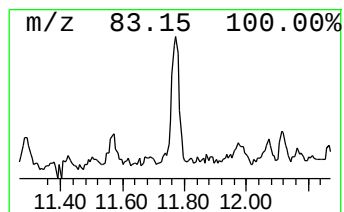
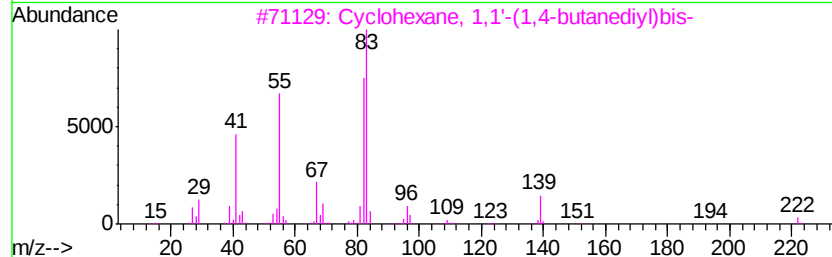
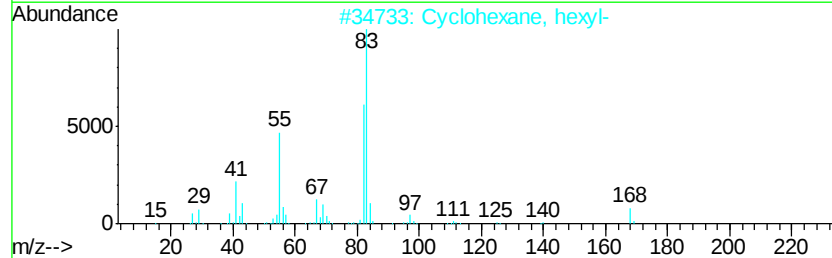
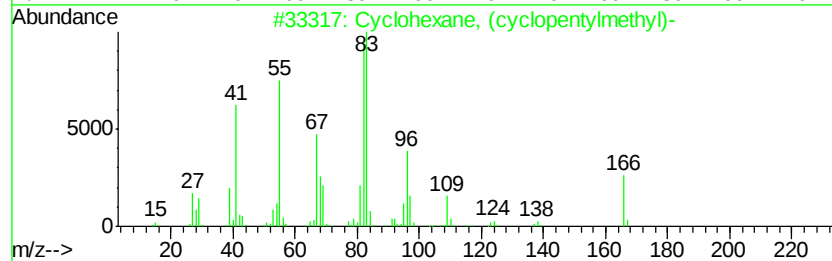
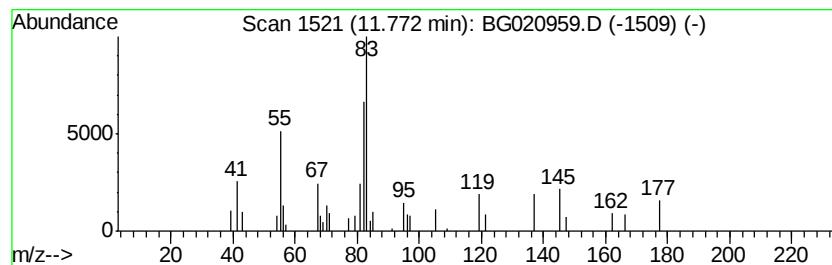
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.77 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.59 ng	35719	Napthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	47
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
3		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	43
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
5		Hexanol-1, 6-cyclohexyl-	184	C12H24O	004354-58-9	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
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Sample : H1453-01 20X
Misc :
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ClientSampleId :
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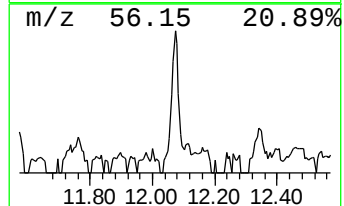
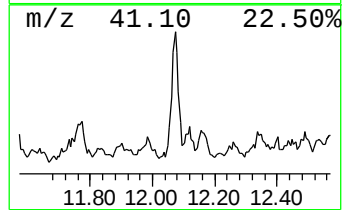
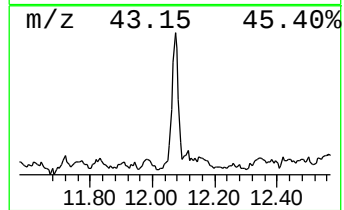
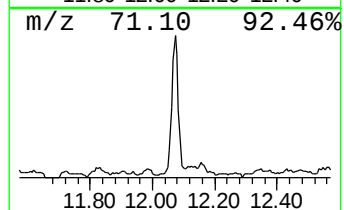
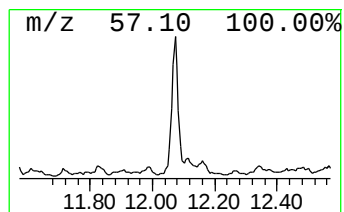
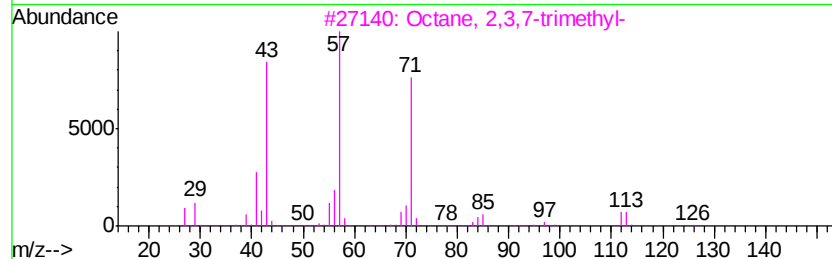
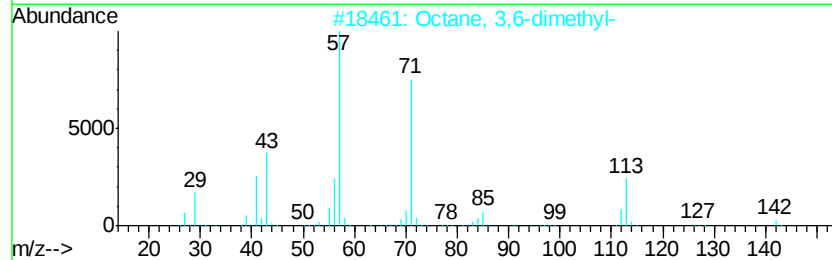
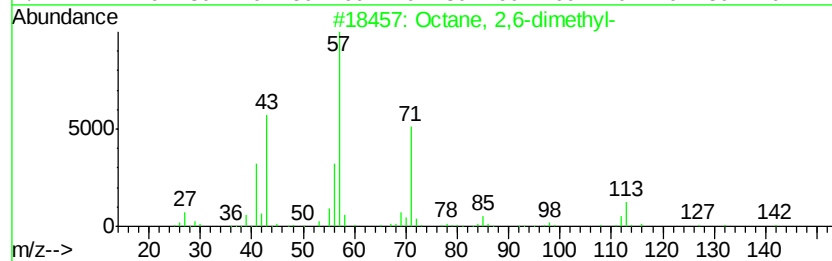
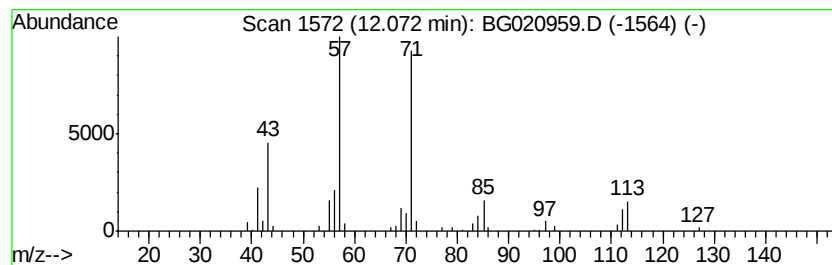
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.22 ng	58158	Napthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4		Octane, 2-bromo-	192	C8H17Br	000557-35-7	53
5		Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
Acq On : 19 Feb 2016 6:17
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Sample : H1453-01 20X
Misc :
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ClientSampleId :
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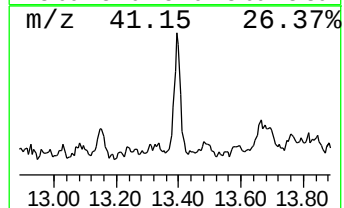
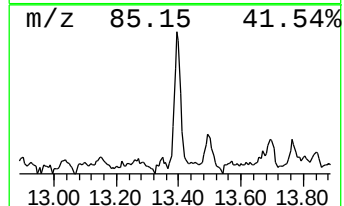
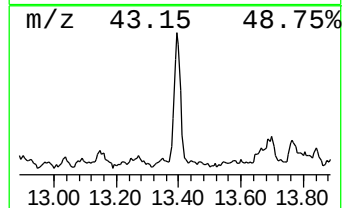
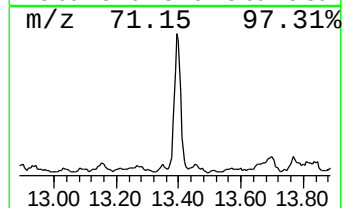
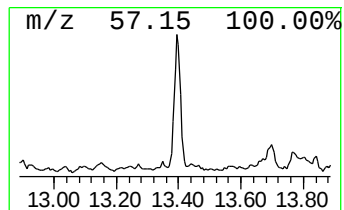
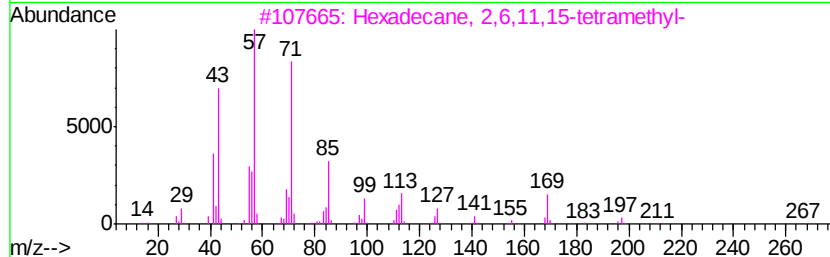
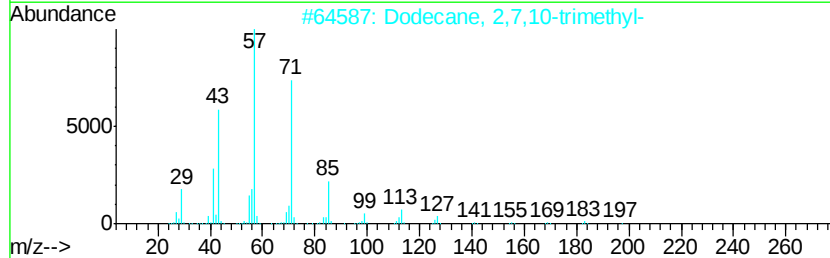
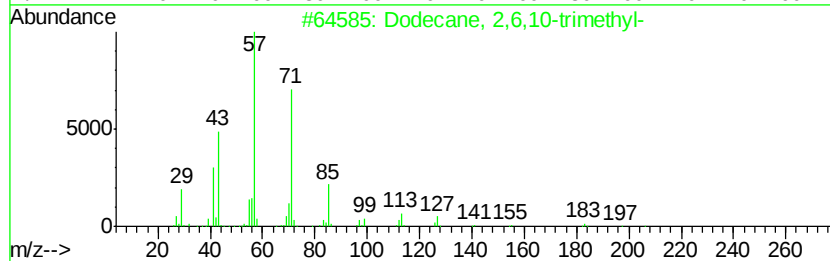
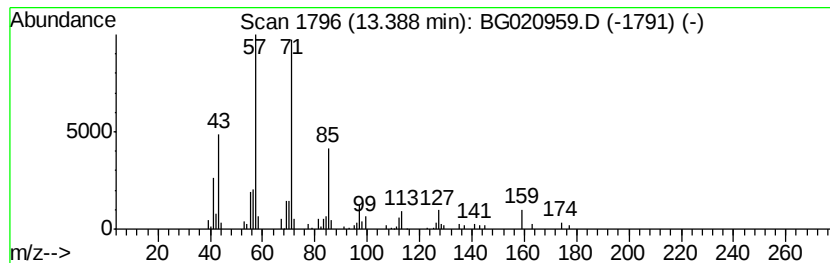
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.52 ng	89792	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
4		1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	59
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
Acq On : 19 Feb 2016 6:17
Operator : SJ/UM
Sample : H1453-01 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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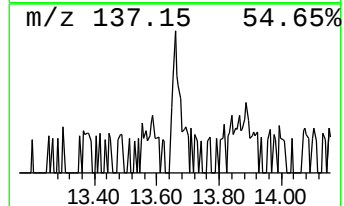
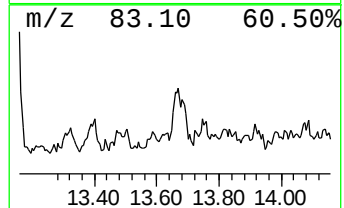
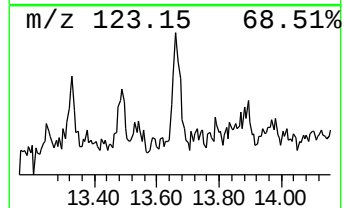
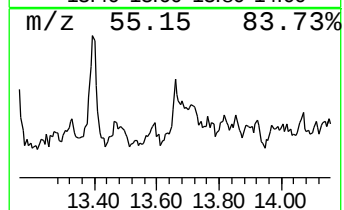
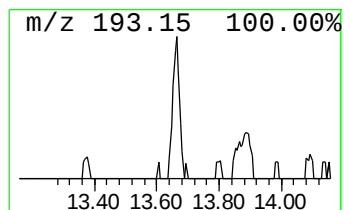
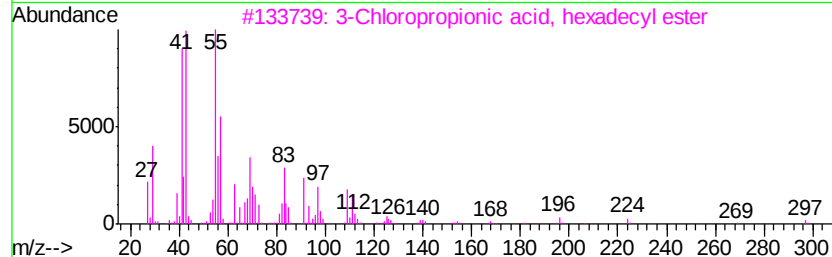
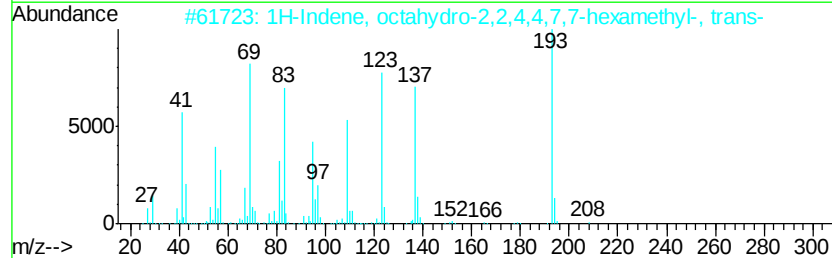
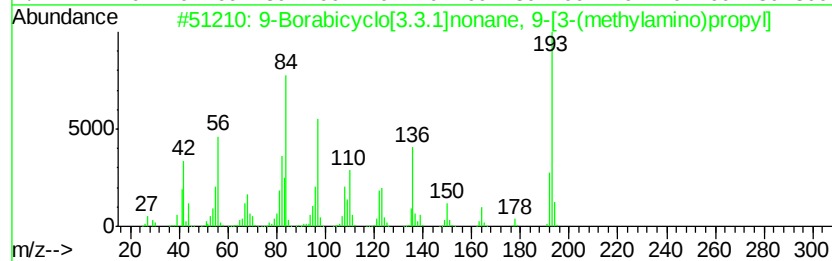
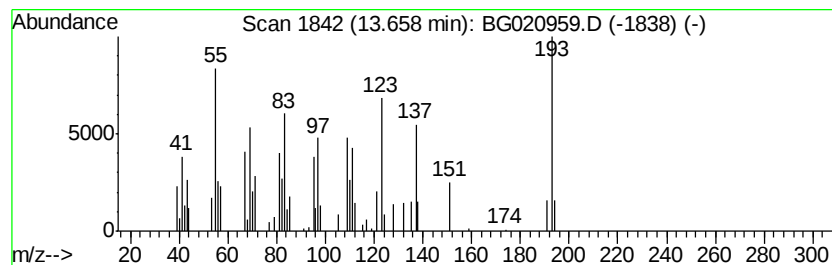
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown13.66 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.24 ng	44486	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	35		
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	25		
3	3-Chloropropionic acid, hexadecyl...	332	C19H37ClO2	053312-70-2	14		
4	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	11		
5	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	11		



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
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ClientSampleId :
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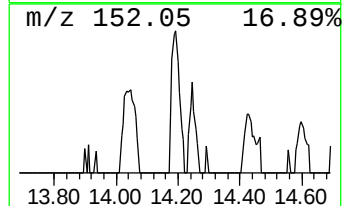
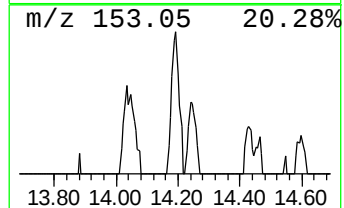
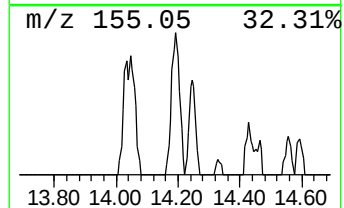
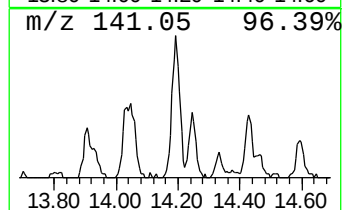
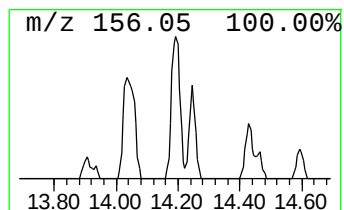
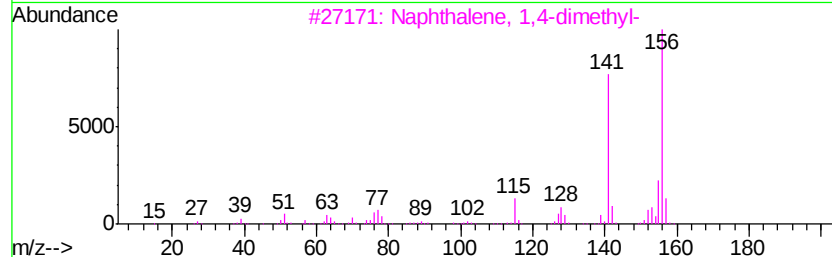
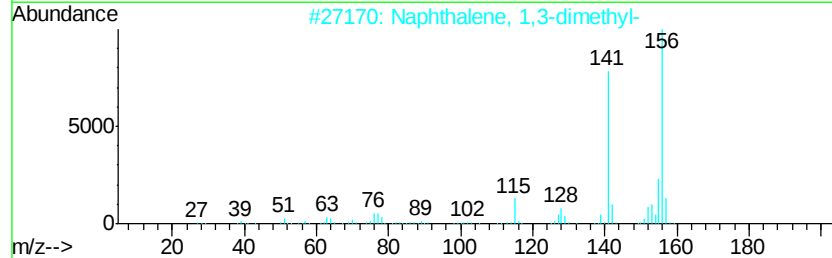
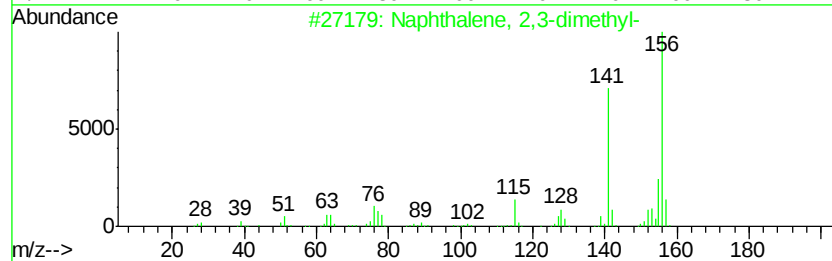
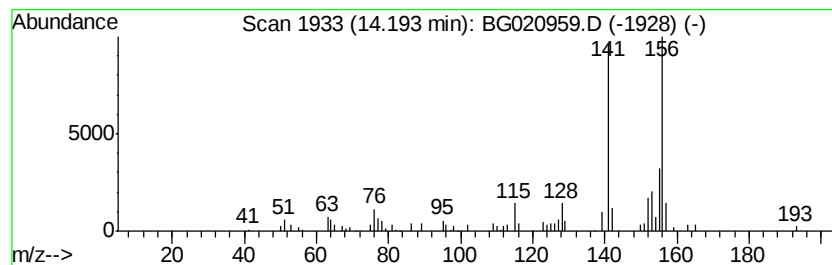
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.92 ng	58121	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
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ClientSampleId :
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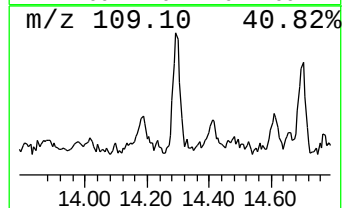
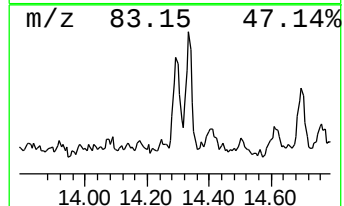
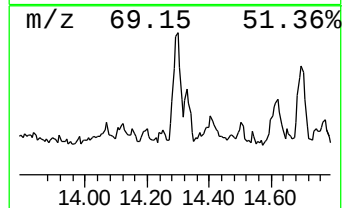
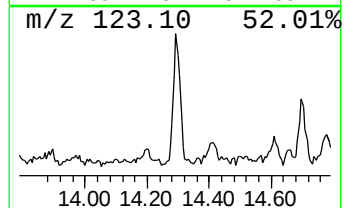
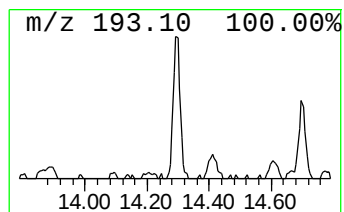
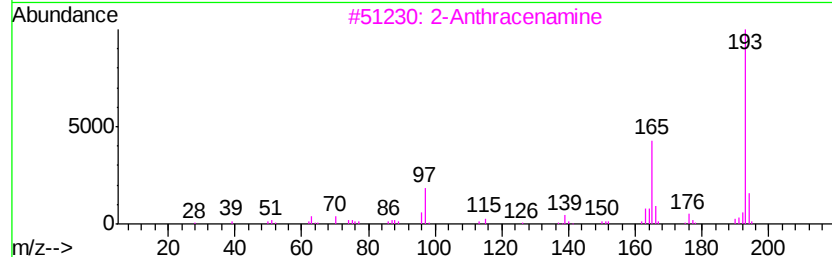
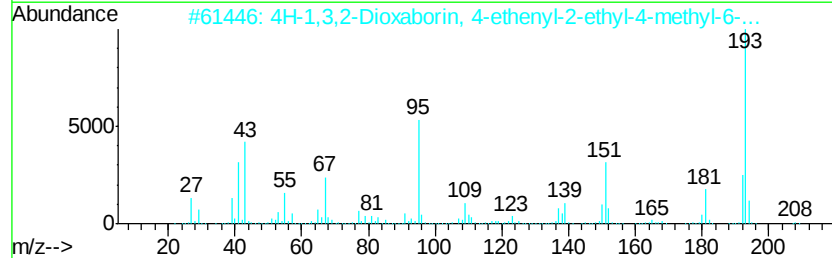
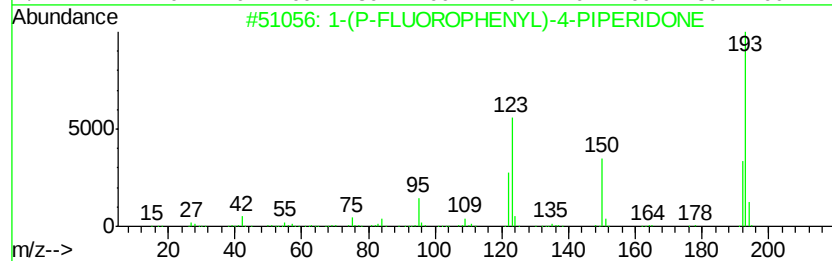
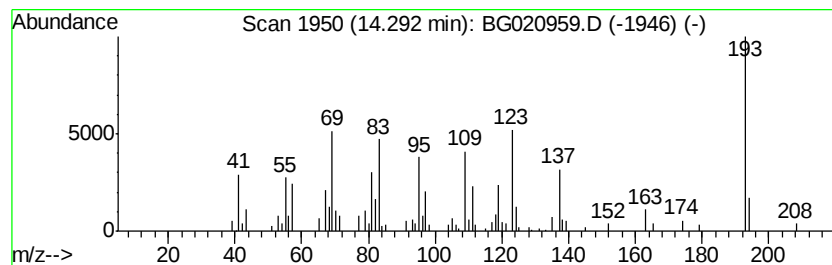
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.29 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.28 ng	65225	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	38
2		4H-1,3,2-Dioxaborin, 4-ethenvl-2...	208	C12H21B02	074630-04-9	27
3		2-Anthracenamine	193	C14H11N	000613-13-8	25
4		9-Phenanthrenamine	193	C14H11N	000947-73-9	22
5		Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
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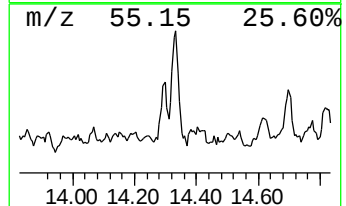
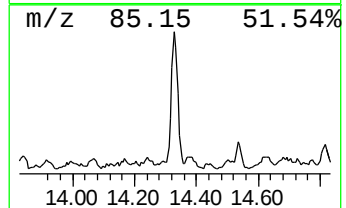
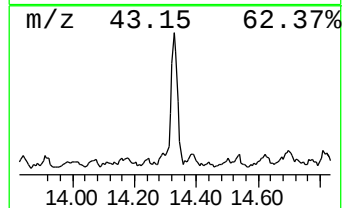
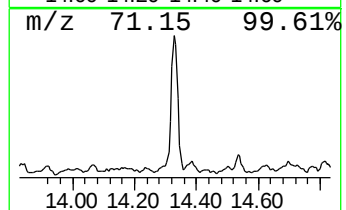
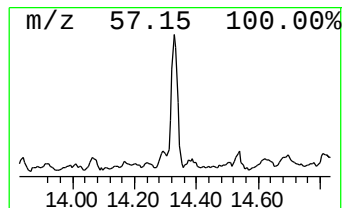
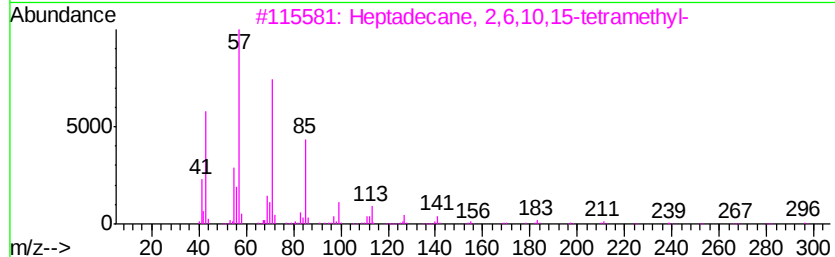
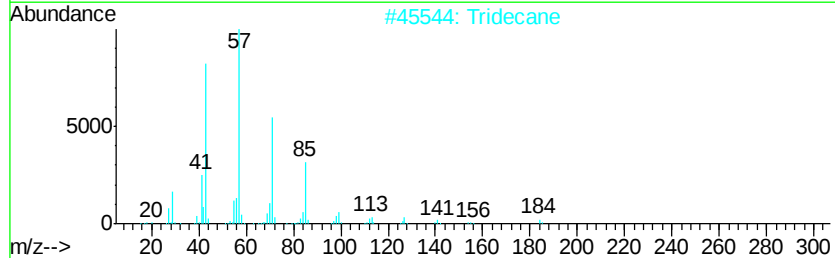
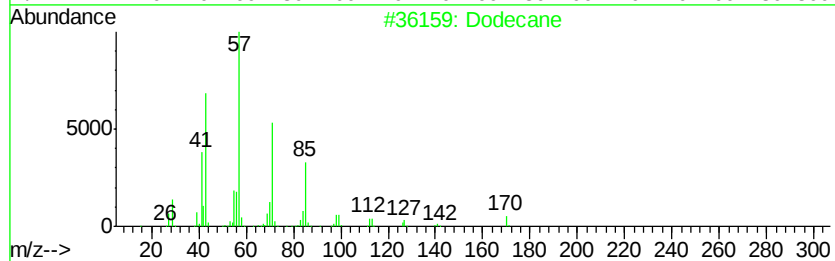
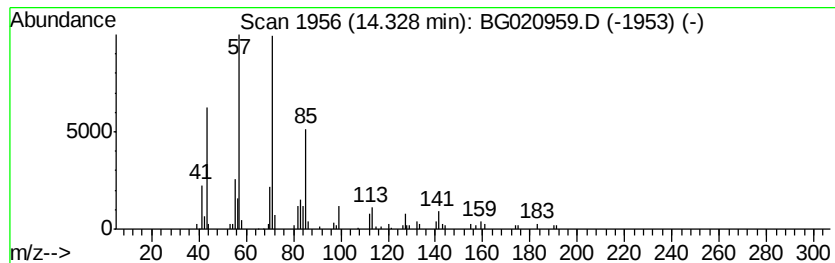
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	4.57 ng	90737	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	78
2		Tridecane	184	C13H28	000629-50-5	78
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
Acq On : 19 Feb 2016 6:17
Operator : SJ/UM
Sample : H1453-01 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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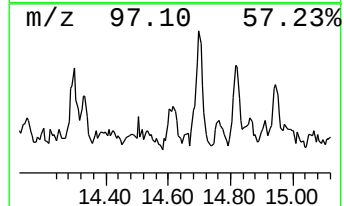
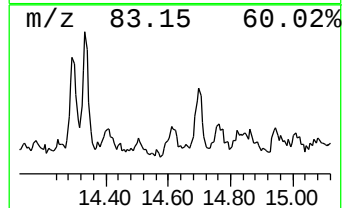
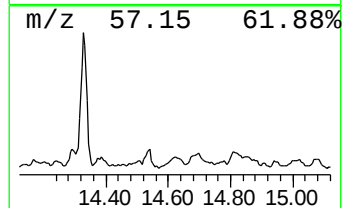
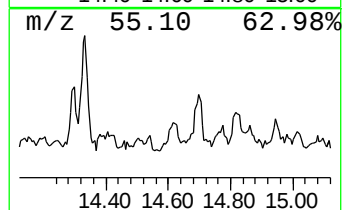
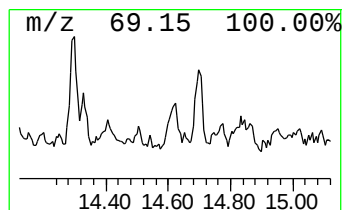
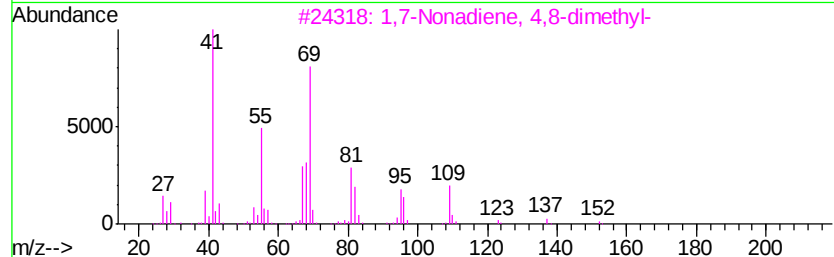
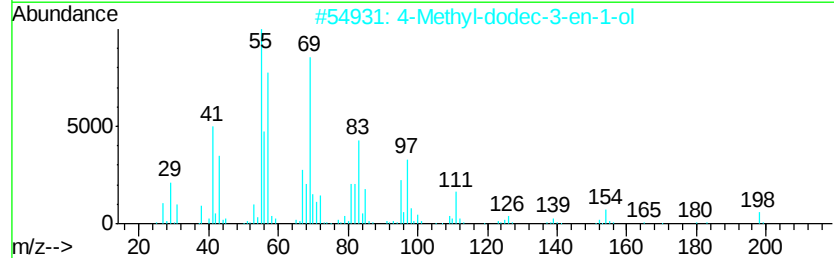
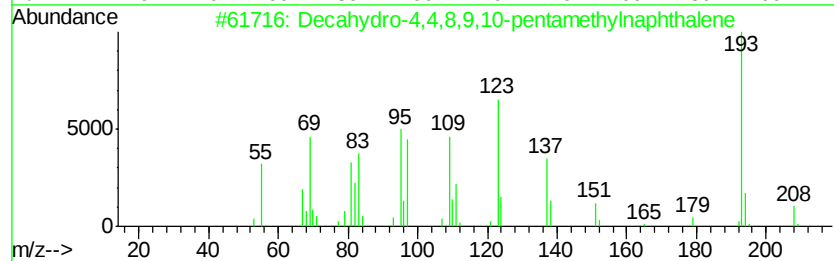
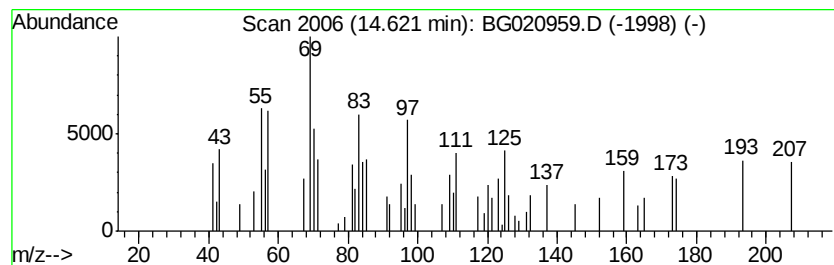
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.62 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.08 ng	41403	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30
2			4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	27
3			1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	22
4			Hexahydro-1-oxa-cyclopropa[d]ind...	152	C9H12O2	037643-23-5	18
5			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
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Acq On : 19 Feb 2016 6:17
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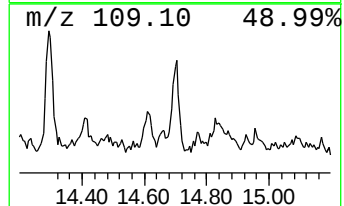
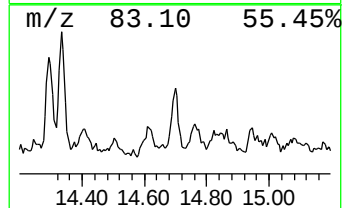
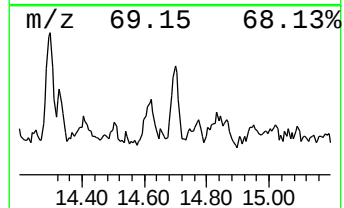
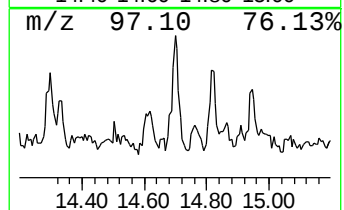
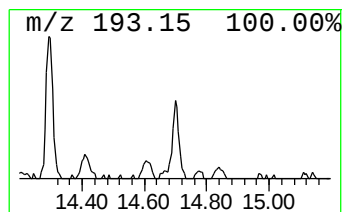
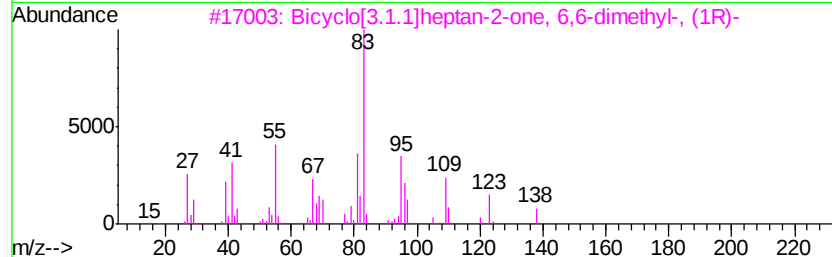
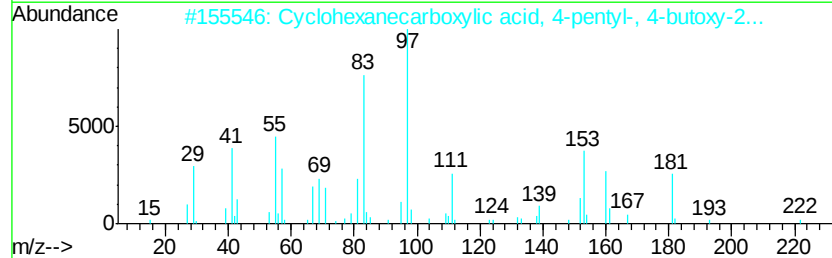
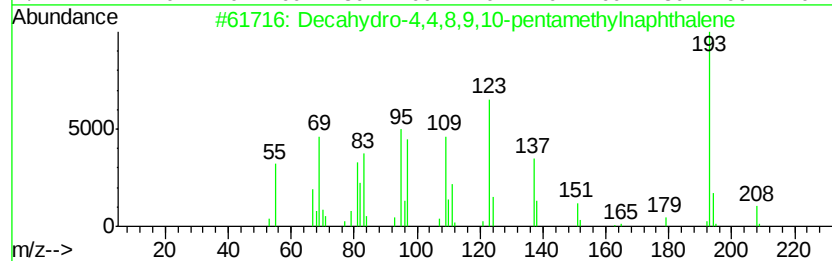
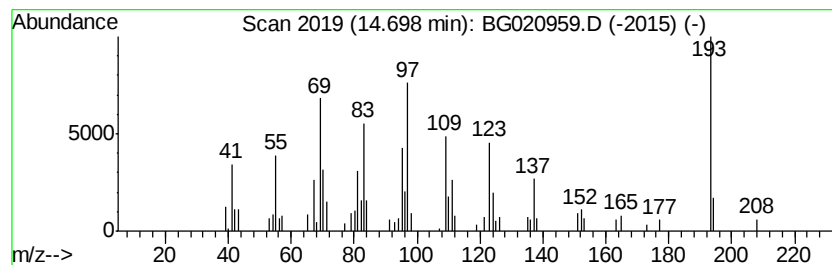
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.70 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.44 ng	48394	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	35
2		Cyclohexanecarboxylic acid, 4-pe...	396	C24H32N2O3	075941-47-8	14
3		Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	14
4		Iminostilbene	193	C14H11N	000256-96-2	14
5		Bis(1,2,2-trimethylpropyl) methy...	264	C13H29O3P	007040-58-6	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
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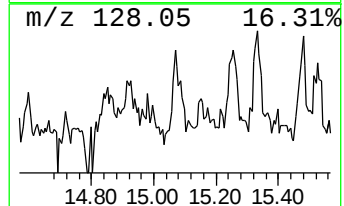
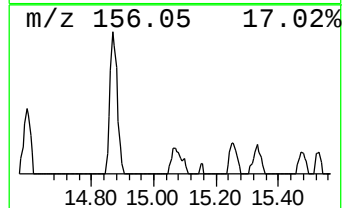
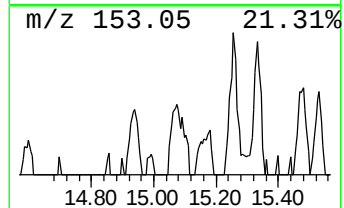
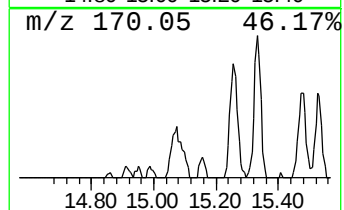
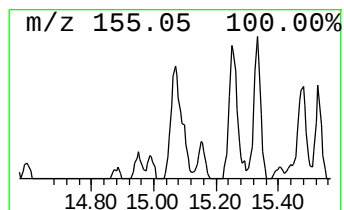
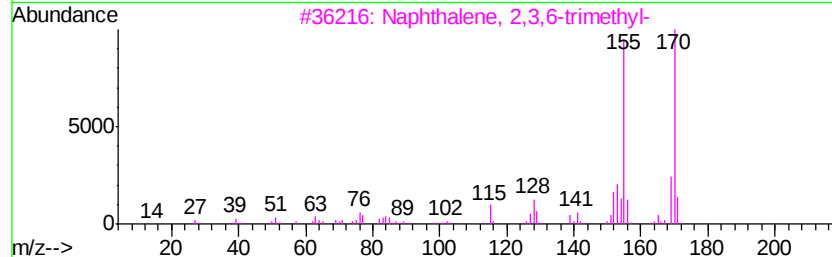
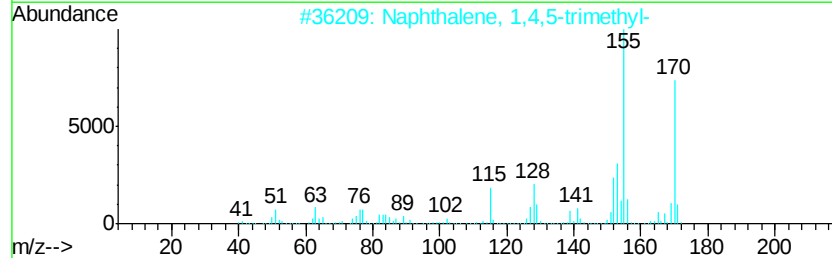
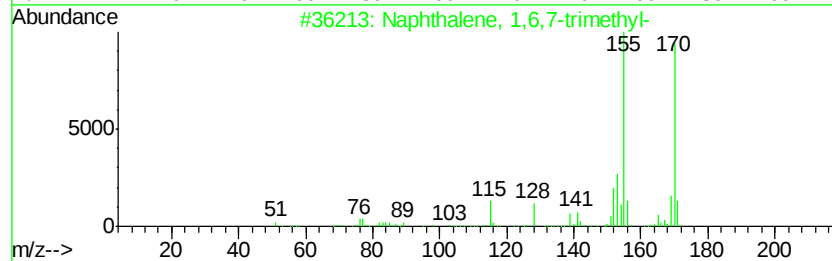
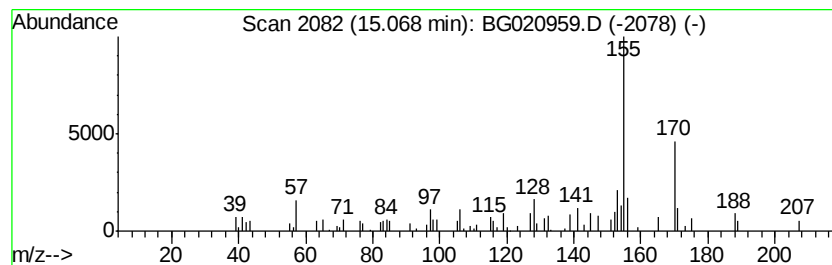
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.07 ng	41170	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	81
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
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ClientSampleId :
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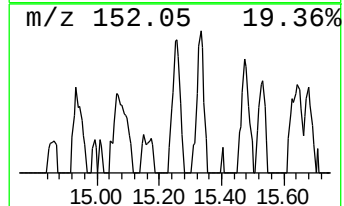
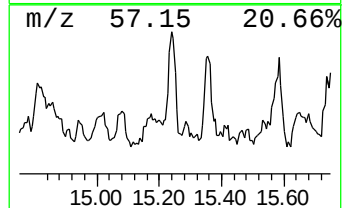
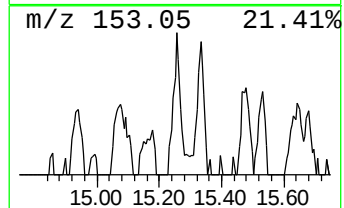
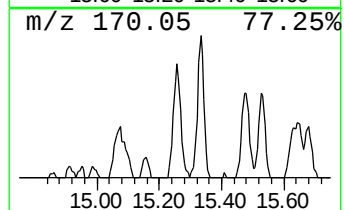
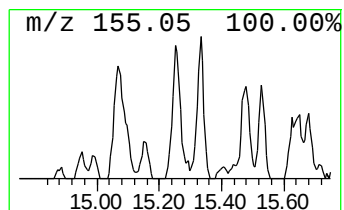
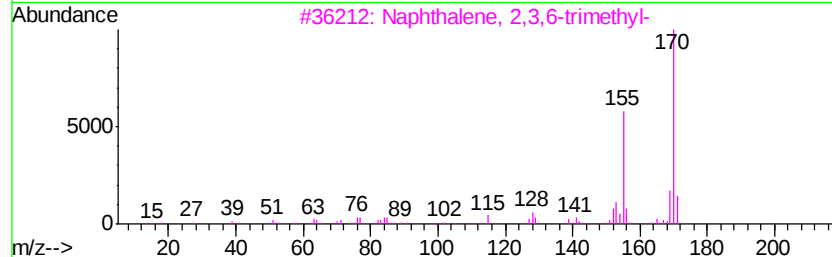
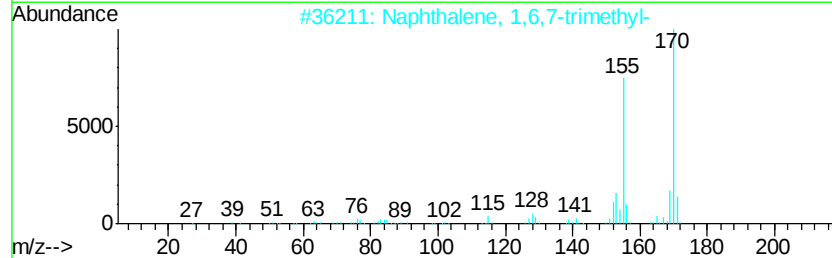
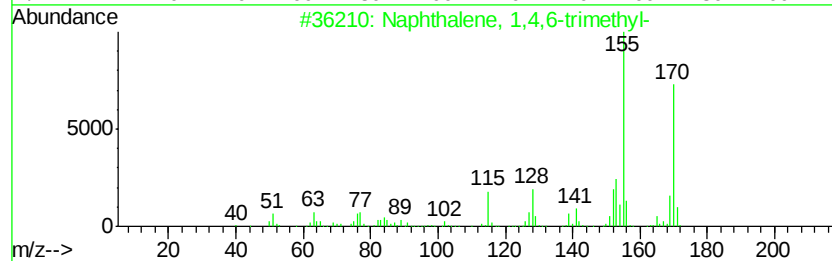
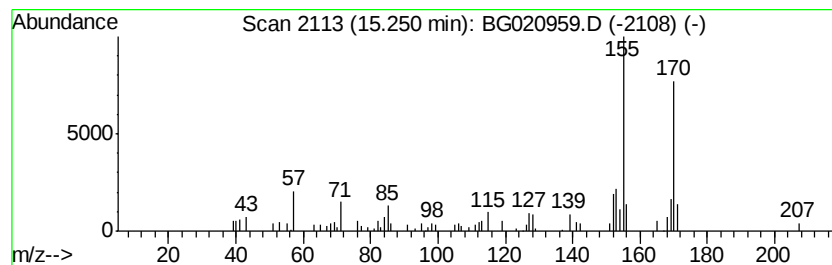
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.12 ng	42157	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
Acq On : 19 Feb 2016 6:17
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ClientSampleId :
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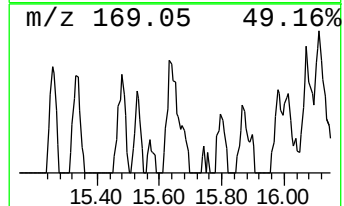
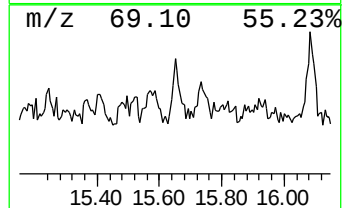
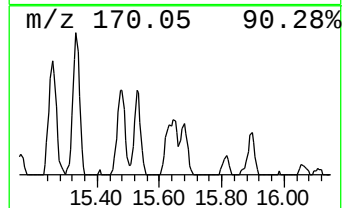
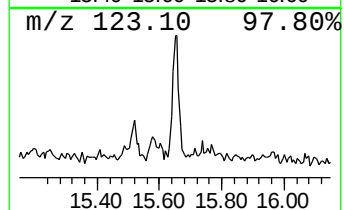
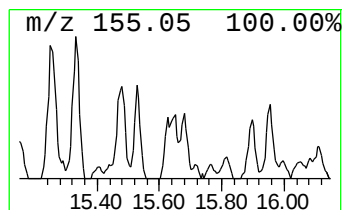
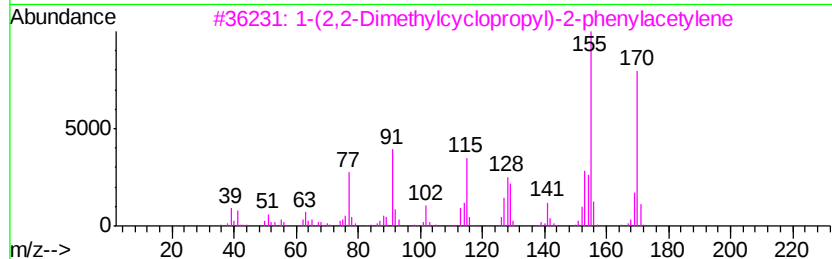
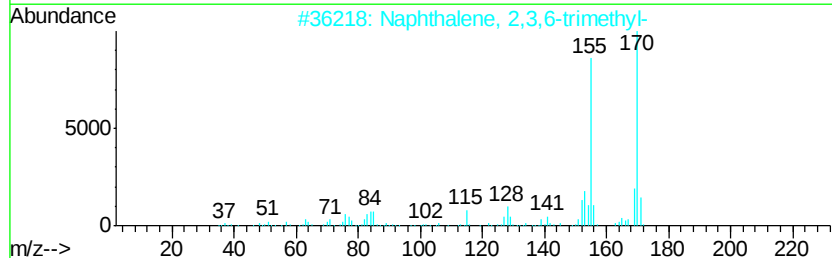
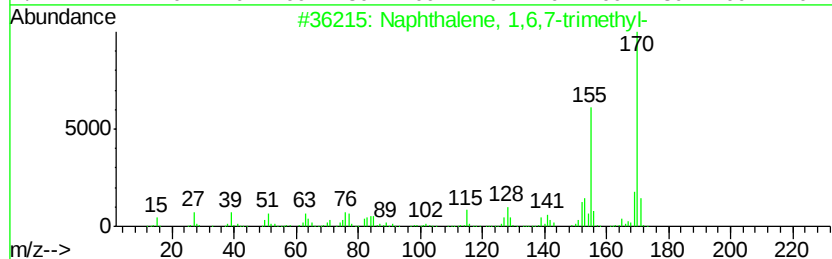
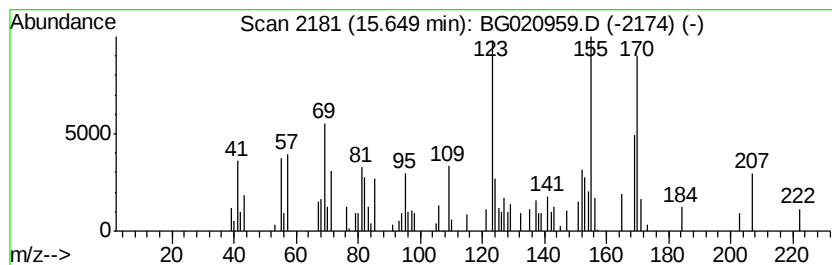
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.18 ng	43277	Acenaphthene-d10	14.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
3			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	47
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
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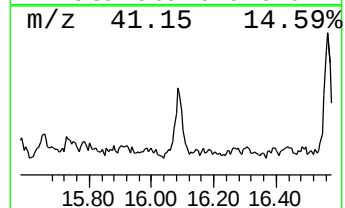
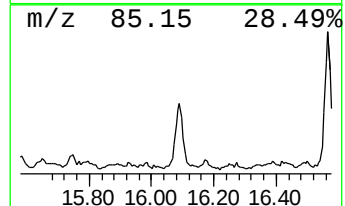
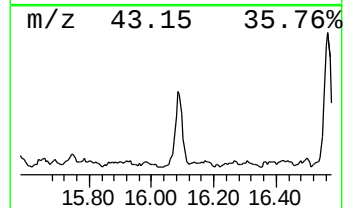
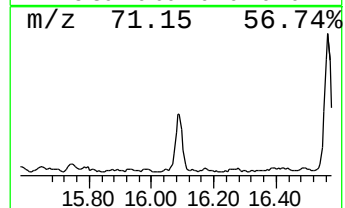
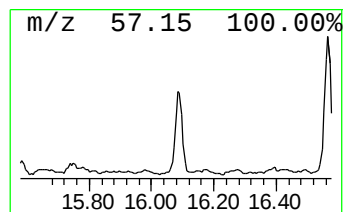
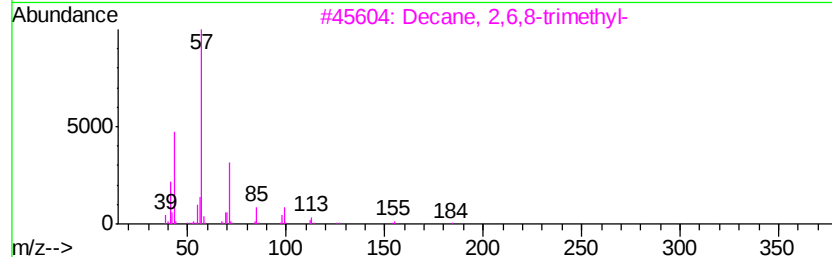
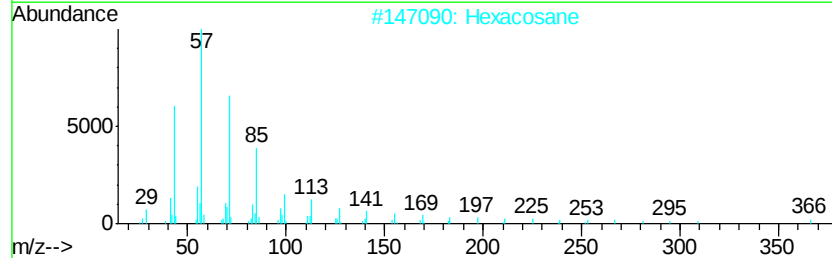
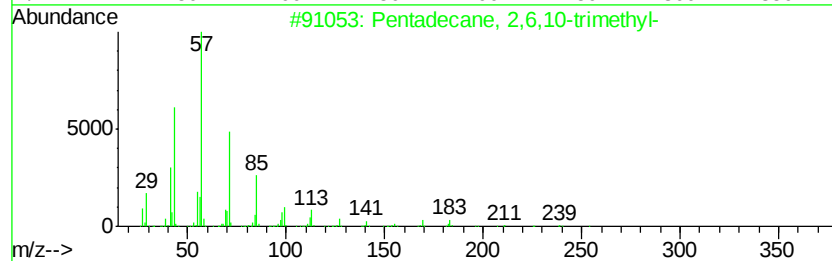
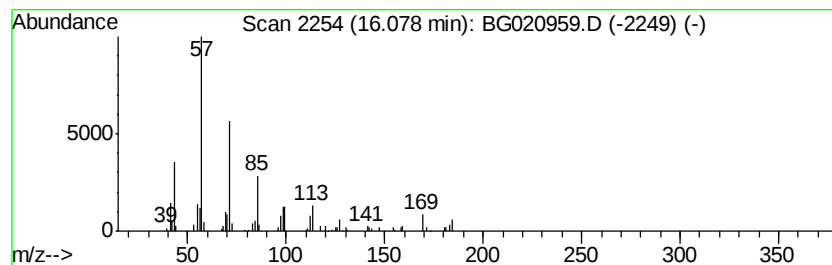
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	4.72 ng	93853	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Hexacosane	366	C26H54	000630-01-3	86
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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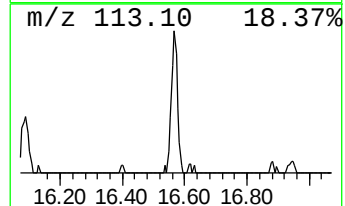
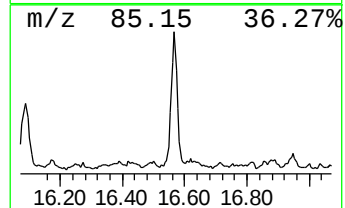
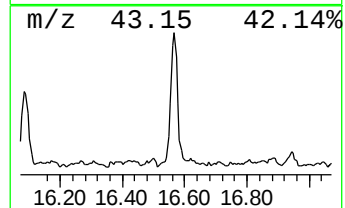
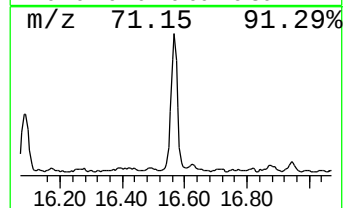
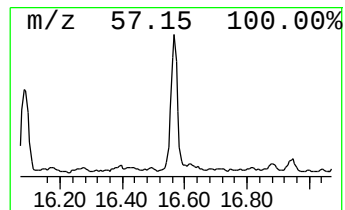
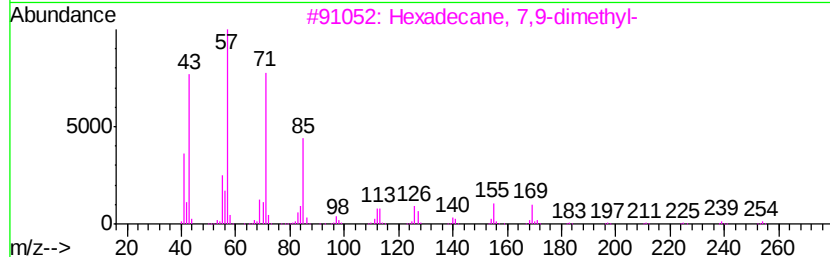
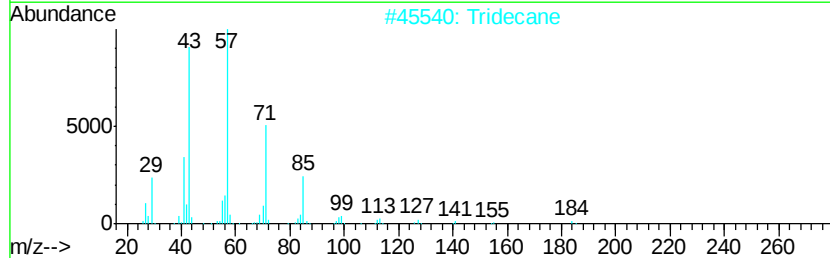
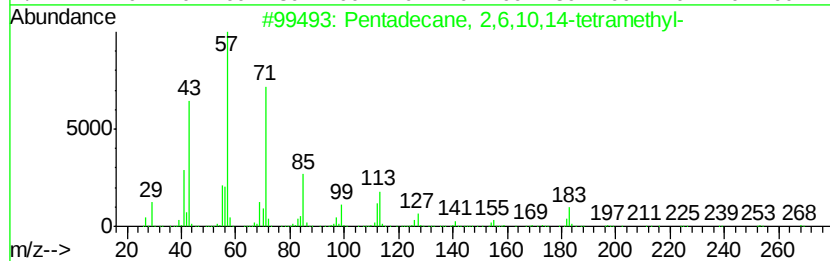
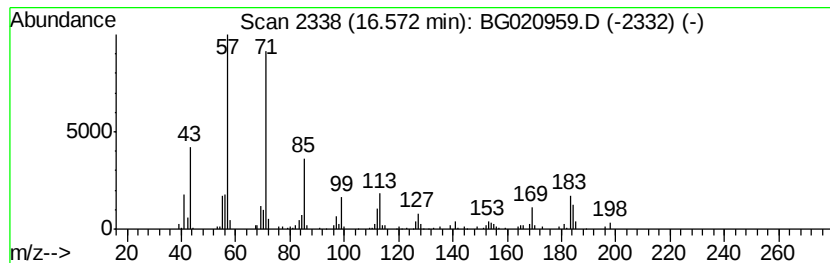
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	7.24 ng	131824	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
2		Tridecane	184	C13H28	000629-50-5	74
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Decane, 3-methyl-	156	C11H24	013151-34-3	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020959.D
Acq On : 19 Feb 2016 6:17
Operator : SJ/UM
Sample : H1453-01 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EGR-A-1

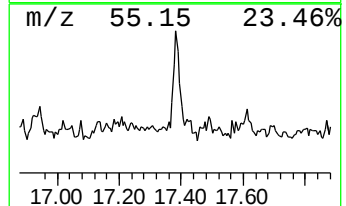
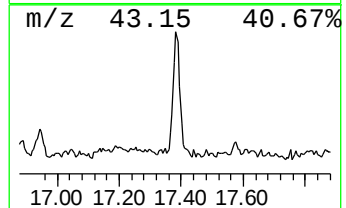
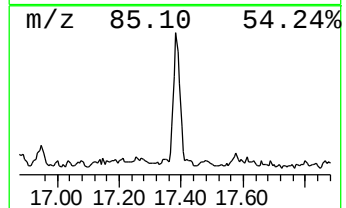
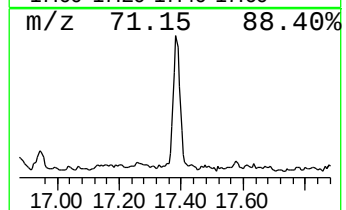
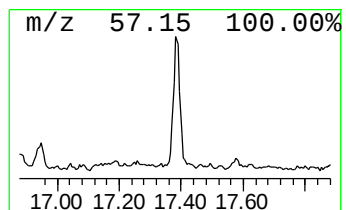
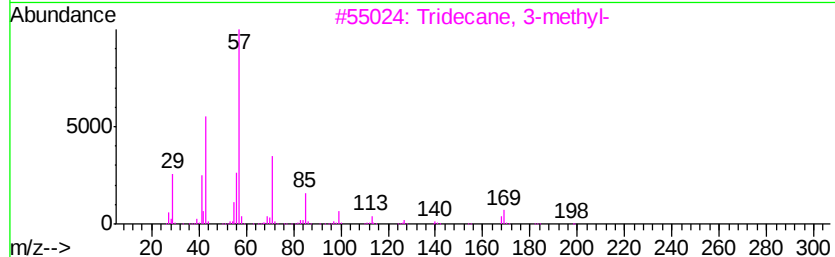
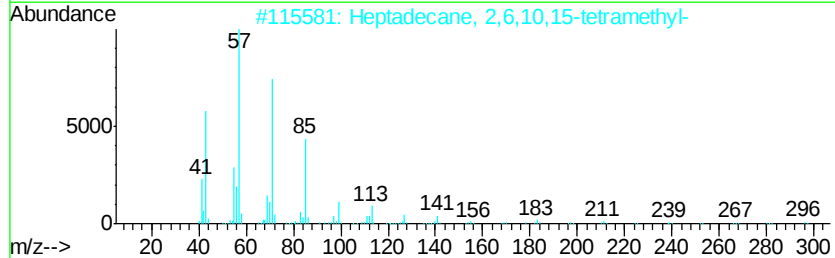
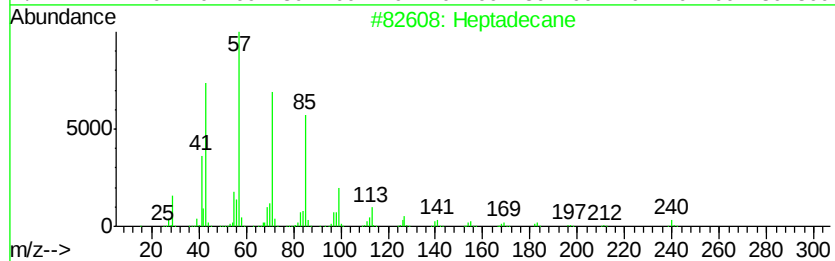
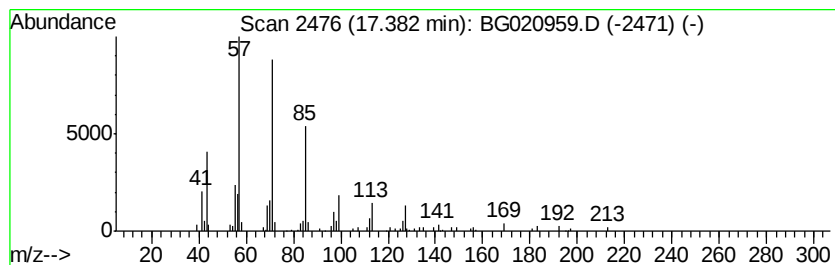
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	3.65 ng	66504	Phenanthrene-d10	17.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	86
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
4			Octacosane	394	C28H58	000630-02-4	86
5			Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021816\
 Data File : BG020959.D
 Acq On : 19 Feb 2016 6:17
 Operator : SJ/UM
 Sample : H1453-01 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.09	3.09	11.9	ng	81416	1	8.26	136629	20.0
unknown7.78	7.78	4.3	ng	29428	1	8.26	136629	20.0
unknown9.36	9.36	3.0	ng	20704	1	8.26	136629	20.0
unknown11.77	11.77	2.6	ng	35719	2	11.09	275938	20.0
Octane, 2,6-dimet...	12.07	4.2	ng	58158	2	11.09	275938	20.0
Dodecane, 2,6,10-...	13.39	4.5	ng	89792	3	14.87	397413	20.0
unknown13.66	13.66	2.2	ng	44486	3	14.87	397413	20.0
Naphthalene, 2,3-...	14.19	2.9	ng	58121	3	14.87	397413	20.0
unknown14.29	14.29	3.3	ng	65225	3	14.87	397413	20.0
Dodecane	14.33	4.6	ng	90737	3	14.87	397413	20.0
unknown14.62	14.62	2.1	ng	41403	3	14.87	397413	20.0
unknown14.70	14.70	2.4	ng	48394	3	14.87	397413	20.0
Naphthalene, 1,6,...	15.07	2.1	ng	41170	3	14.87	397413	20.0
Naphthalene, 1,4,...	15.25	2.1	ng	42157	3	14.87	397413	20.0
Naphthalene, 2,3,...	15.65	2.2	ng	43277	3	14.87	397413	20.0
Pentadecane, 2,6,...	16.08	4.7	ng	93853	3	14.87	397413	20.0
Pentadecane, 2,6,...	16.57	7.2	ng	131824	4	17.61	364134	20.0
Heptadecane	17.38	3.6	ng	66504	4	17.61	364134	20.0