

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023871.D
 Acq On : 24 Aug 2016 2:23
 Operator : UM/SJ
 Sample : H4556-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17A(19.6-19.8)

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-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	2.963	16	21	39	rVB	5900468	9895841	100.00%	8.186%
2	5.154	388	394	403	rVB	550265	881001	8.90%	0.729%
3	5.630	467	475	488	rBV	1932535	3241432	32.76%	2.681%
4	7.251	739	751	765	rVV	1997835	3867612	39.08%	3.199%
5	7.621	806	814	821	rBV	1971609	3566200	36.04%	2.950%
6	7.686	821	825	829	rVV	210587	327499	3.31%	0.271%
7	8.091	889	894	908	rVB	399454	781511	7.90%	0.646%
8	8.414	943	949	957	rVB	1455853	2589489	26.17%	2.142%
9	8.637	983	987	996	rVB5	122937	315384	3.19%	0.261%
10	8.725	996	1002	1015	rBV4	212743	475907	4.81%	0.394%
11	9.195	1071	1082	1088	rBV3	219083	493866	4.99%	0.409%
12	9.272	1088	1095	1099	rVV	1354824	2689336	27.18%	2.225%
13	9.307	1099	1101	1107	rVB	604433	759909	7.68%	0.629%
14	9.442	1113	1124	1132	rBV8	103022	298008	3.01%	0.247%
15	9.730	1168	1173	1177	rVB2	147056	213961	2.16%	0.177%
16	9.789	1177	1183	1188	rBV2	165157	334538	3.38%	0.277%
17	9.982	1207	1216	1219	rBV7	92658	222788	2.25%	0.184%
18	10.024	1219	1223	1228	rVV3	154766	283540	2.87%	0.235%
19	10.100	1229	1236	1240	rVV6	168569	418853	4.23%	0.346%
20	10.159	1240	1246	1255	rVV6	162890	452271	4.57%	0.374%
21	10.241	1255	1260	1265	rVV3	103401	254365	2.57%	0.210%
22	10.311	1266	1272	1278	rVV2	450458	916683	9.26%	0.758%
23	10.370	1278	1282	1287	rVV3	174245	300256	3.03%	0.248%
24	10.488	1294	1302	1308	rVV6	132441	323652	3.27%	0.268%
25	10.605	1317	1322	1330	rBV2	124523	259710	2.62%	0.215%
26	10.870	1362	1367	1372	rVV2	636395	1301231	13.15%	1.076%
27	10.922	1372	1376	1381	rVV	586628	1205015	12.18%	0.997%
28	10.975	1381	1385	1390	rVV2	367927	678539	6.86%	0.561%
29	11.052	1390	1398	1404	rVB2	363817	931912	9.42%	0.771%
30	11.128	1404	1411	1417	rBV6	196325	389499	3.94%	0.322%
31	11.398	1452	1457	1463	rVB5	153200	318637	3.22%	0.264%
32	11.486	1463	1472	1475	rBV5	80151	206805	2.09%	0.171%
33	11.616	1490	1494	1503	rVB7	249129	543659	5.49%	0.450%
34	11.739	1511	1515	1523	rBV6	163078	340651	3.44%	0.282%

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

35	11.821	1524	1529	1536	rBV4	255807	632564	6.39%	0.523%
36	11.921	1541	1546	1550	rVV	385308	661333	6.68%	0.547%
37	11.968	1550	1554	1558	rVV4	154858	281572	2.85%	0.233%
38	12.021	1558	1563	1569	rVB3	255331	492907	4.98%	0.408%
39	12.115	1574	1579	1585	rBV6	204359	427864	4.32%	0.354%
40	12.315	1608	1613	1620	rBV5	281783	580521	5.87%	0.480%
41	12.538	1647	1651	1654	rVV3	186316	267742	2.71%	0.221%
42	12.585	1654	1659	1665	rVB	1243984	2065709	20.87%	1.709%
43	12.802	1688	1696	1704	rVB	979850	1828483	18.48%	1.513%
44	12.873	1705	1708	1715	rVB5	173460	314361	3.18%	0.260%
45	12.949	1716	1721	1725	rBV5	208801	388388	3.92%	0.321%
46	13.014	1725	1732	1736	rBV5	173831	402211	4.06%	0.333%
47	13.102	1743	1747	1756	rVB8	173243	313311	3.17%	0.259%
48	13.266	1770	1775	1784	rBV3	611780	929420	9.39%	0.769%
49	13.378	1788	1794	1799	rVB	2834525	4527525	45.75%	3.745%
50	13.554	1818	1824	1826	rBV6	183994	392038	3.96%	0.324%
51	13.789	1858	1864	1877	rVB	656212	1684921	17.03%	1.394%
52	13.936	1881	1889	1895	rVB3	1116539	3072911	31.05%	2.542%
53	14.077	1907	1913	1918	rBV	1639309	2992400	30.24%	2.475%
54	14.130	1918	1922	1927	rVV	1176879	2011696	20.33%	1.664%
55	14.206	1931	1935	1941	rVB2	1191371	2041802	20.63%	1.689%
56	14.318	1949	1954	1957	rBV	587044	973544	9.84%	0.805%
57	14.482	1978	1982	1993	rVB3	465424	900203	9.10%	0.745%
58	14.576	1995	1998	2003	rVB4	241627	365043	3.69%	0.302%
59	14.723	2017	2023	2025	rBV6	299582	595605	6.02%	0.493%
60	14.764	2026	2030	2034	rVB2	807088	1240972	12.54%	1.027%
61	14.964	2059	2064	2074	rBV3	932373	2321957	23.46%	1.921%
62	15.046	2074	2078	2081	rBV3	338584	549319	5.55%	0.454%
63	15.152	2089	2096	2104	rVB2	987339	2315565	23.40%	1.915%
64	15.234	2105	2110	2117	rBV3	960434	1680464	16.98%	1.390%
65	15.375	2129	2134	2139	rBV	827148	1468882	14.84%	1.215%
66	15.428	2139	2143	2148	rVV	657531	994777	10.05%	0.823%
67	15.546	2157	2163	2167	rBV3	578867	1307247	13.21%	1.081%
68	15.581	2167	2169	2174	rVB2	472683	569109	5.75%	0.471%
69	15.640	2175	2179	2183	rBV5	212134	375298	3.79%	0.310%
70	15.804	2199	2207	2211	rBV3	456195	1153672	11.66%	0.954%
71	15.851	2212	2215	2222	rVB3	376993	711792	7.19%	0.589%

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Min Area: 3 % of largest Peak

Max Peaks: 100

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72	15.939	2227	2230	2233	rBV2	258377	354312	3.58%	0.293%
73	15.986	2233	2238	2242	rVV3	660244	1211176	12.24%	1.002%
74	16.086	2251	2255	2259	rBV5	293372	567603	5.74%	0.470%
75	16.262	2280	2285	2292	rBV	2560903	3908758	39.50%	3.233%
76	16.321	2292	2295	2304	rVB6	370042	818787	8.27%	0.677%
77	16.474	2314	2321	2336	rVB3	1391668	2916364	29.47%	2.412%
78	16.621	2342	2346	2350	rBV2	418190	601935	6.08%	0.498%
79	16.797	2372	2376	2383	rBV5	316578	956678	9.67%	0.791%
80	16.879	2387	2390	2399	rVB5	482426	1013661	10.24%	0.838%
81	17.026	2412	2415	2418	rBV3	307110	445431	4.50%	0.368%
82	17.067	2419	2422	2425	rVV3	294942	391504	3.96%	0.324%
83	17.302	2457	2462	2465	rBV	960886	1439783	14.55%	1.191%
84	17.525	2496	2500	2504	rBV2	1026530	1445685	14.61%	1.196%
85	17.572	2504	2508	2514	rVB	532660	819042	8.28%	0.678%
86	18.107	2596	2599	2605	rVB	434317	655907	6.63%	0.543%
87	18.259	2620	2625	2633	rBV2	327837	766646	7.75%	0.634%
88	18.400	2645	2649	2653	rBV	707823	1214275	12.27%	1.004%
89	18.453	2655	2658	2663	rVB	846645	1190955	12.03%	0.985%
90	18.536	2669	2672	2677	rVV3	315657	458430	4.63%	0.379%
91	18.588	2677	2681	2685	rVV2	567812	967607	9.78%	0.800%
92	18.635	2686	2689	2696	rVB2	488142	709964	7.17%	0.587%
93	19.194	2781	2784	2787	rBV	406975	490522	4.96%	0.406%
94	19.311	2800	2804	2809	rBV	909311	1504292	15.20%	1.244%
95	19.446	2824	2827	2830	rBV2	250908	401179	4.05%	0.332%
96	19.951	2909	2913	2919	rVB2	536676	905804	9.15%	0.749%
97	20.016	2920	2924	2928	rVB	508706	763070	7.71%	0.631%
98	20.133	2939	2944	2949	rVB	5039932	6277116	63.43%	5.192%
99	21.837	3229	3234	3246	rVB	1110184	1940197	19.61%	1.605%
100	25.215	3800	3809	3821	rVB2	617949	1841360	18.61%	1.523%

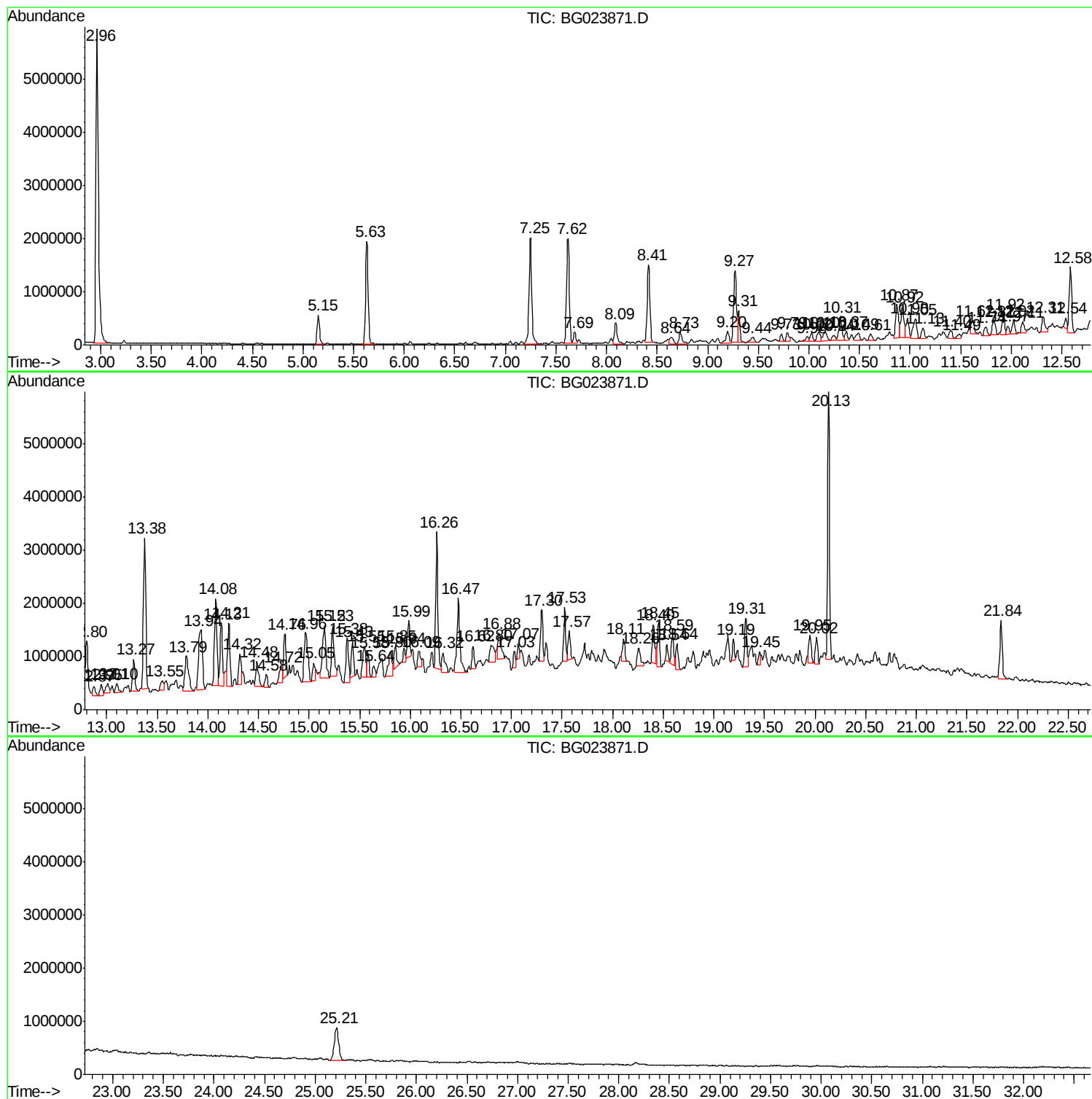
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SB-17A(19.6-19.8)

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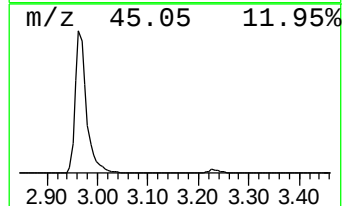
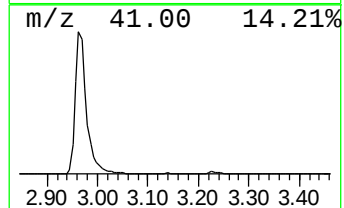
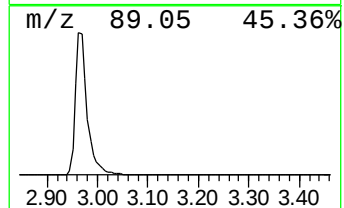
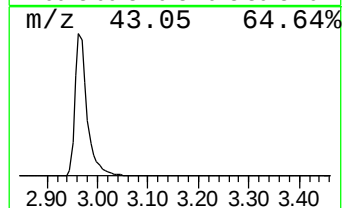
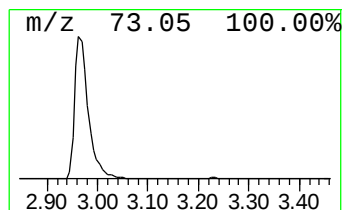
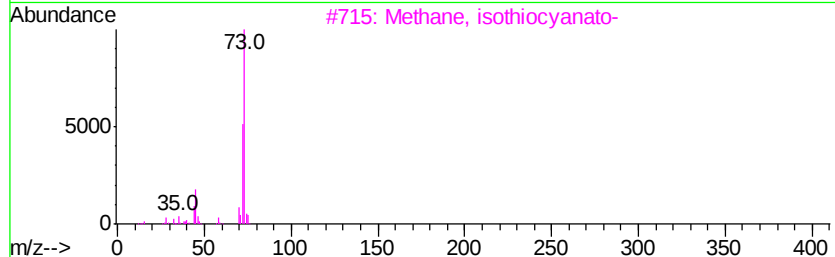
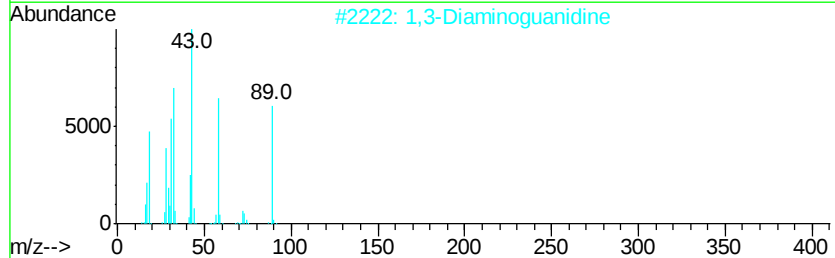
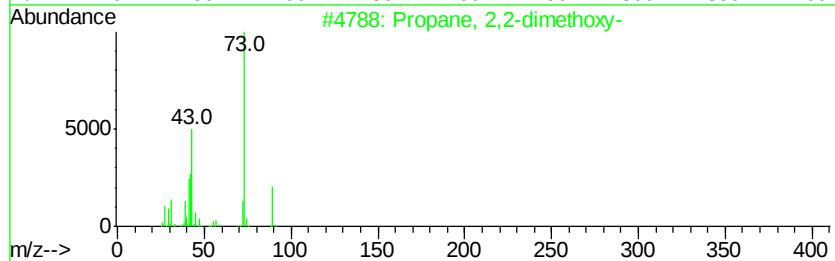
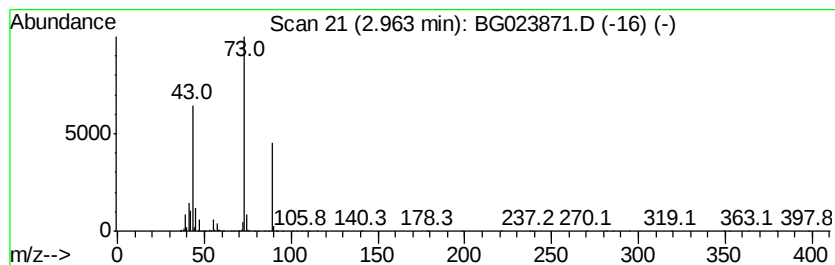
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	253.25 ng	9895840	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9



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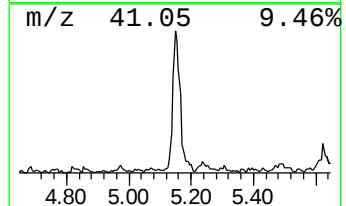
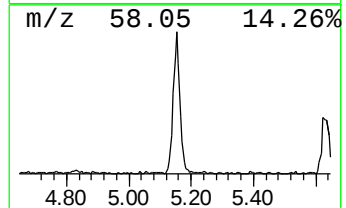
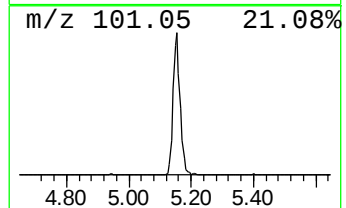
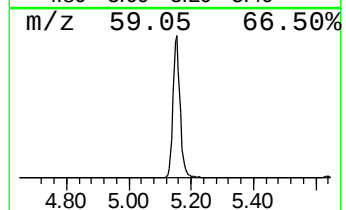
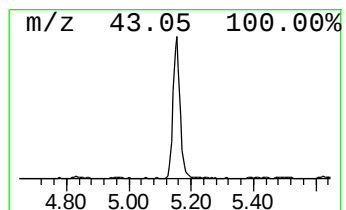
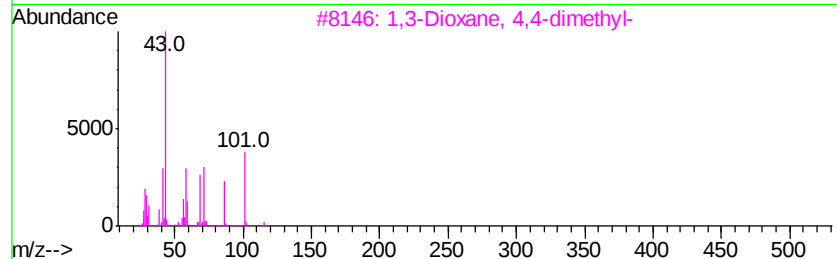
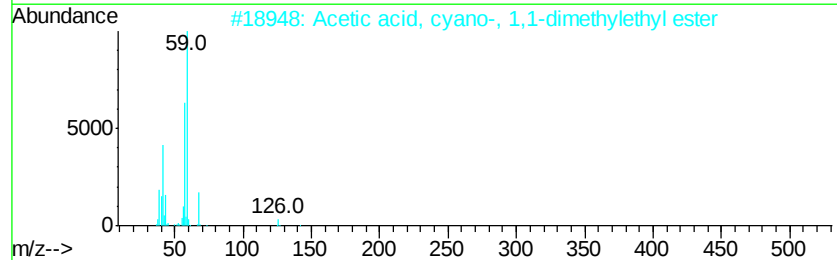
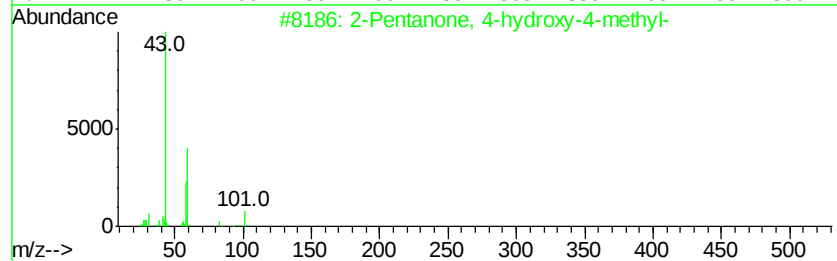
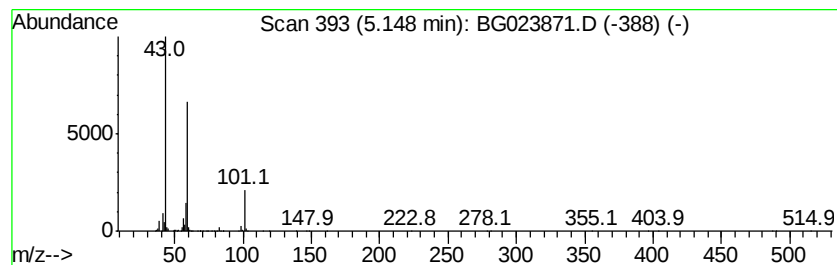
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TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	22.55 ng	881001	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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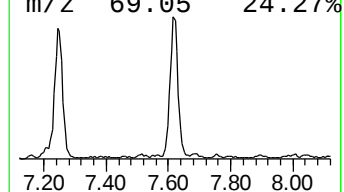
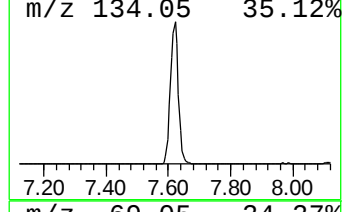
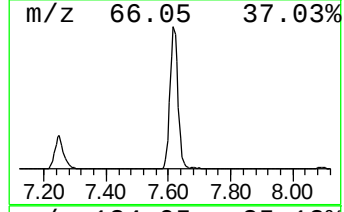
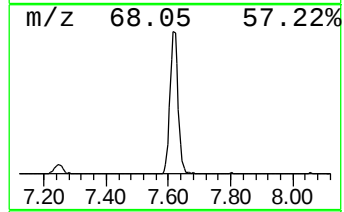
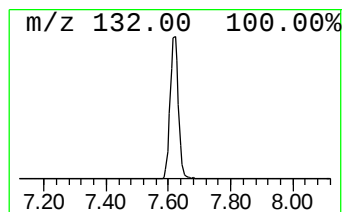
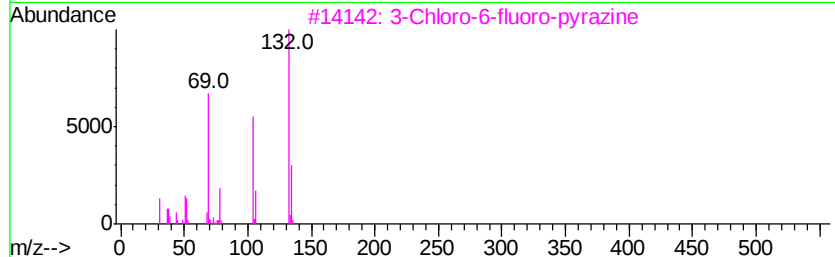
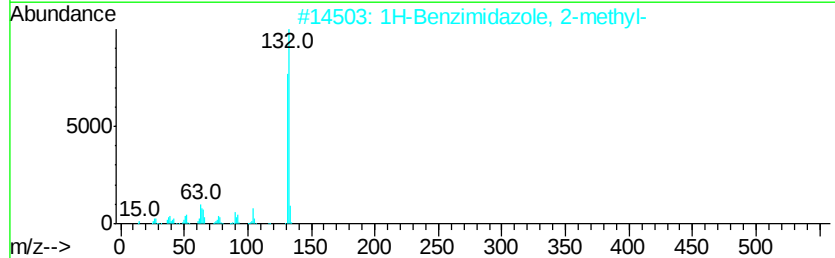
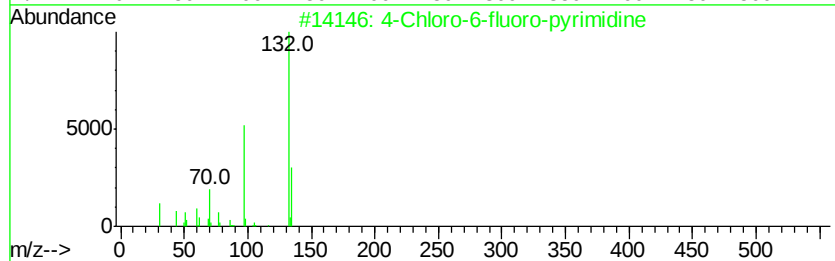
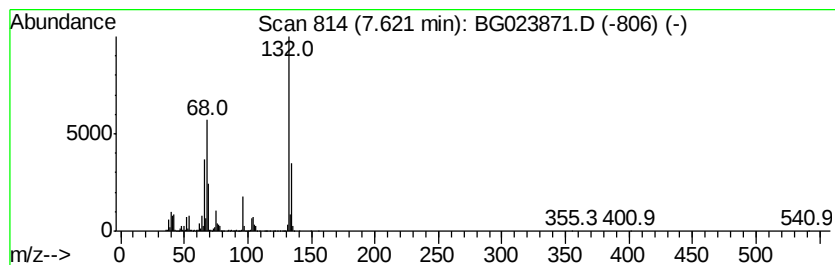
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	91.26 ng	3566200	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A(19.6-19.8)

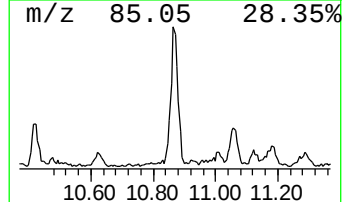
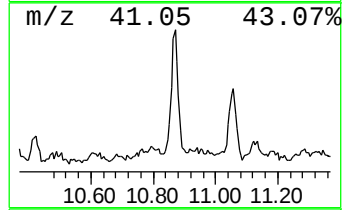
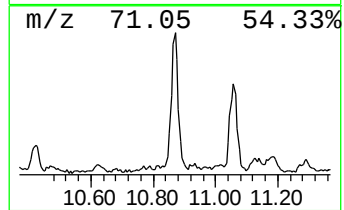
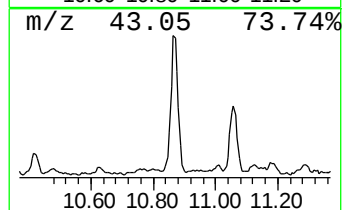
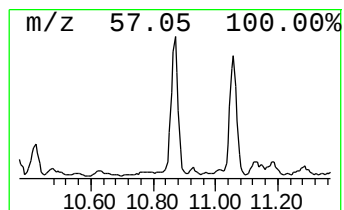
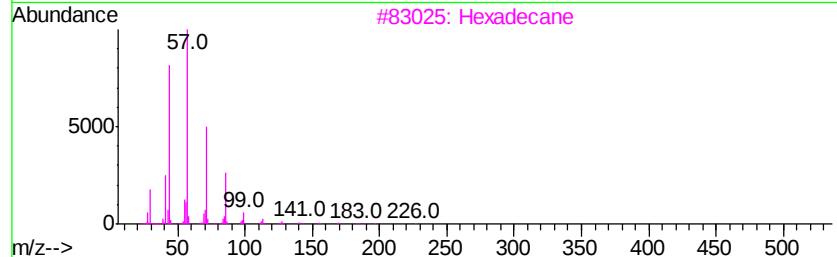
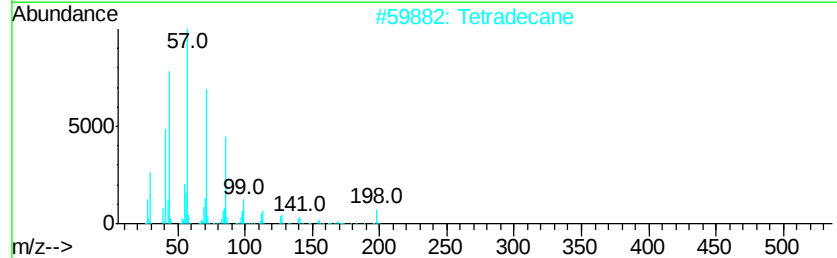
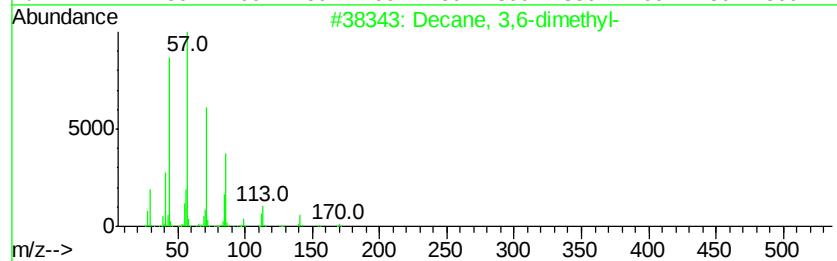
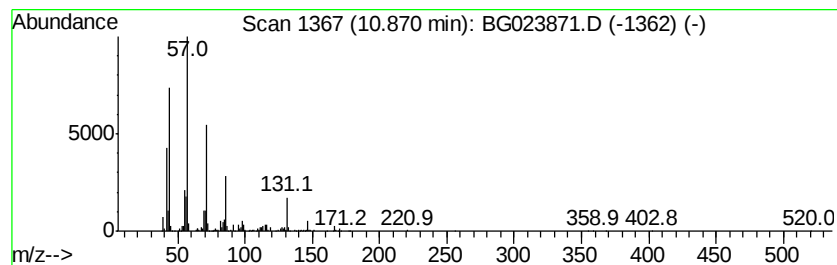
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	21.60 ng	1301230	Naphthalene-d8	10.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
2		Tetradecane	198	C14H30	000629-59-4	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
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ClientSampleId :
SB-17A(19.6-19.8)

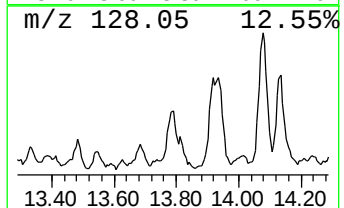
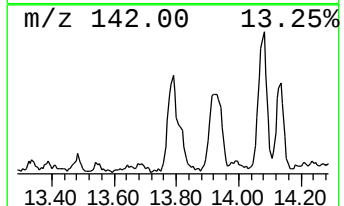
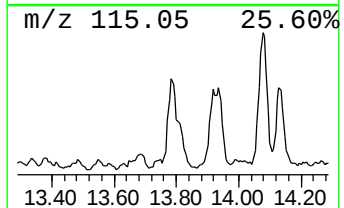
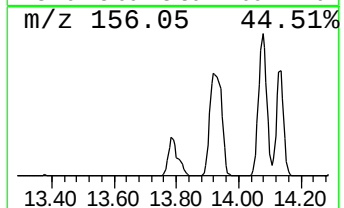
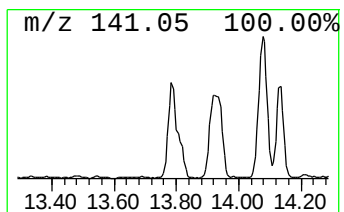
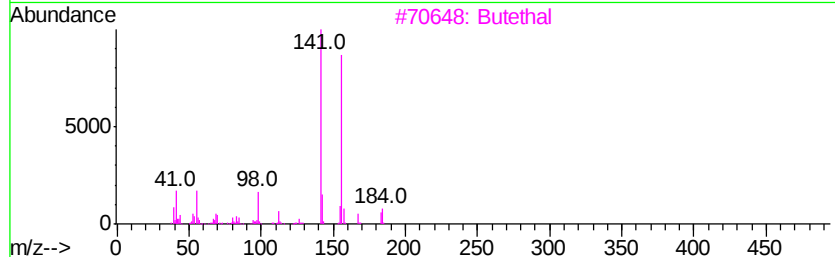
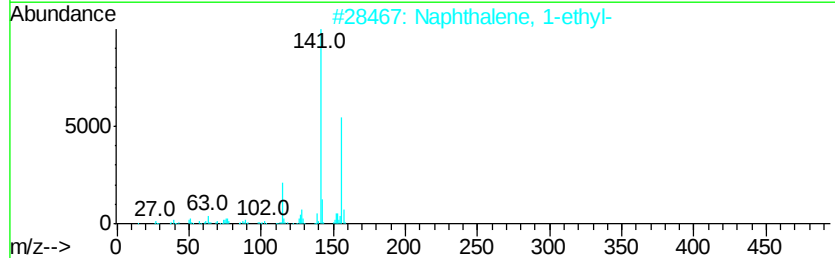
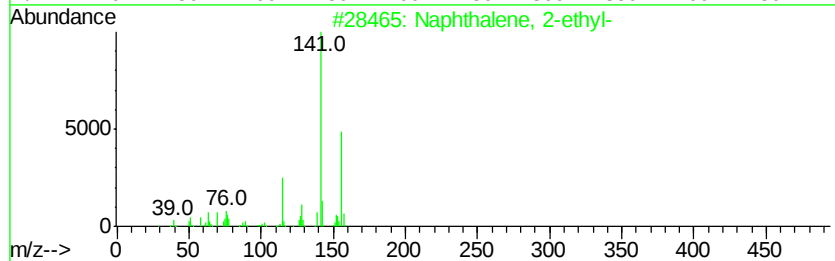
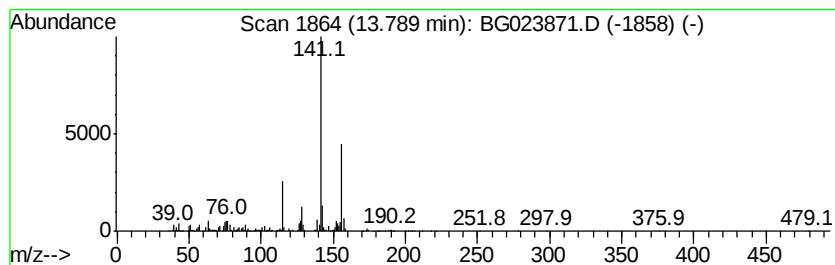
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	27.15 ng	1684920	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		Butethal	212	C10H16N2O3	000077-28-1	59
4		L-Leucine, N-dimethylaminomethyl...	200	C10H20N2O2	1000375-62-6	53
5		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A(19.6-19.8)

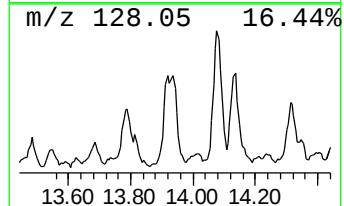
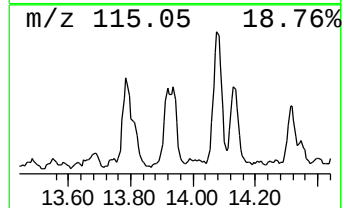
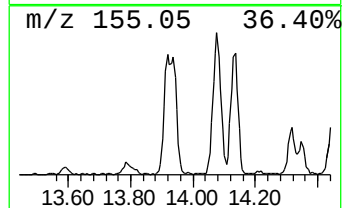
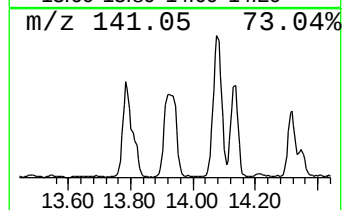
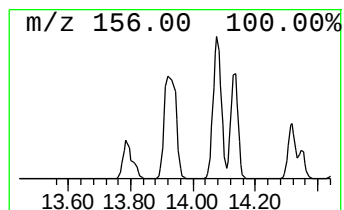
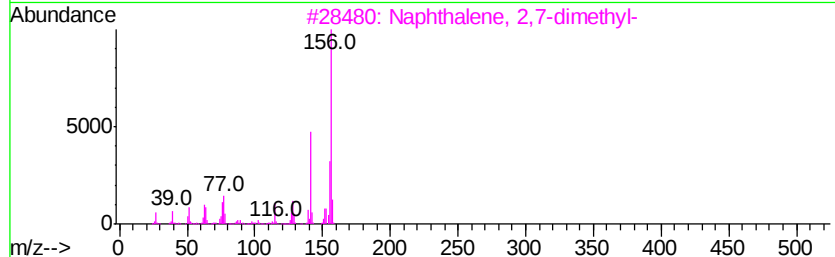
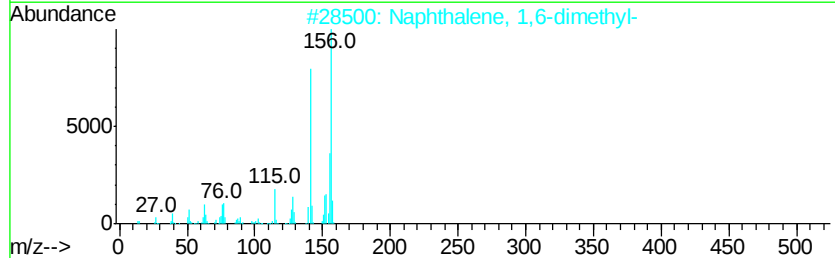
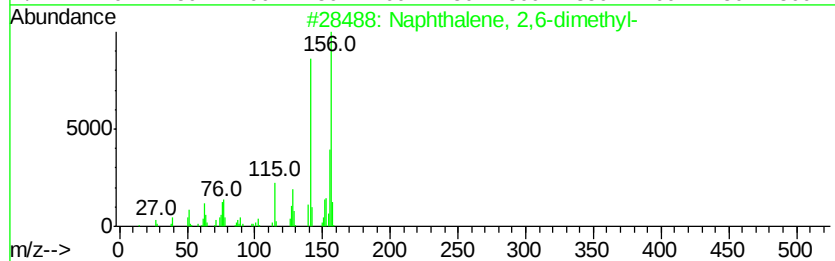
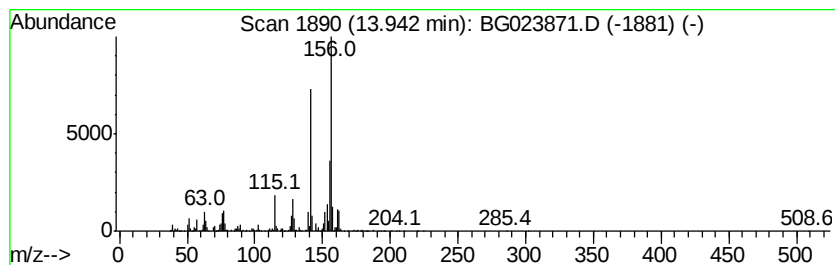
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	49.52 ng	3072910	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
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ClientSampleId :
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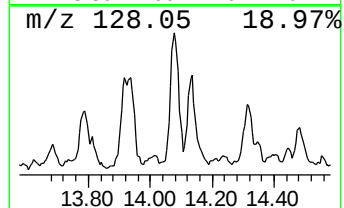
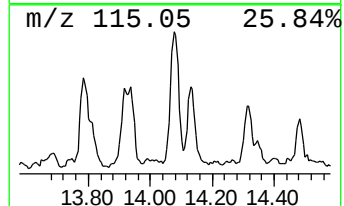
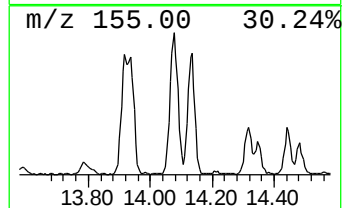
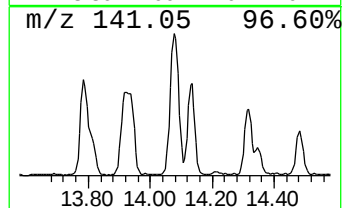
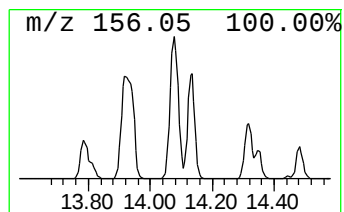
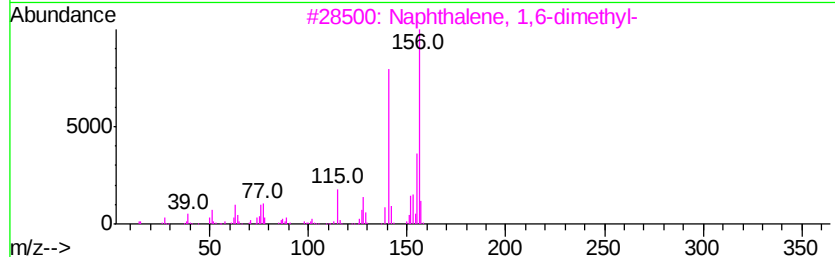
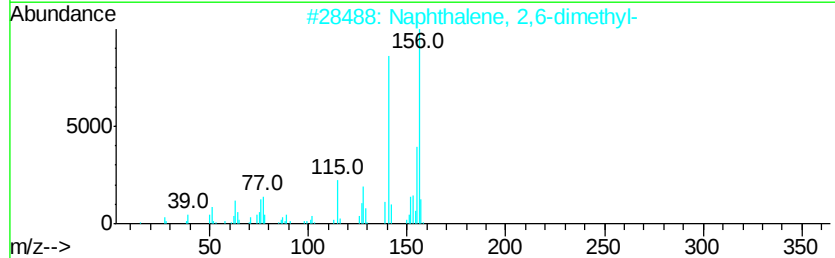
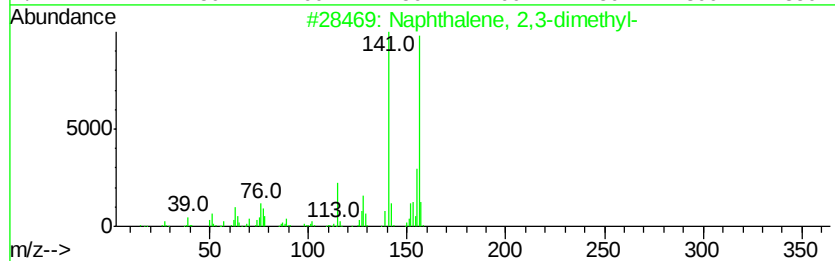
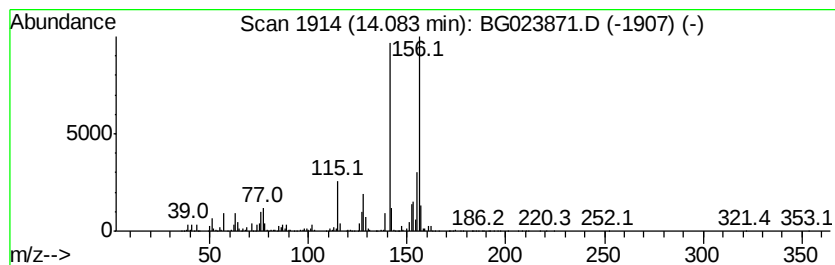
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	48.23 ng	2992400	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A(19.6-19.8)

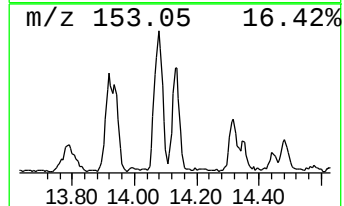
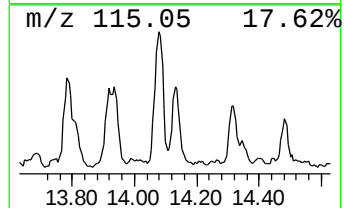
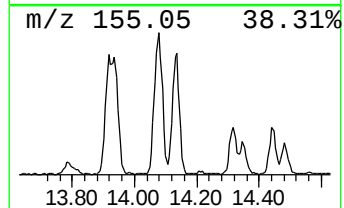
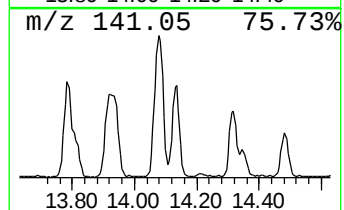
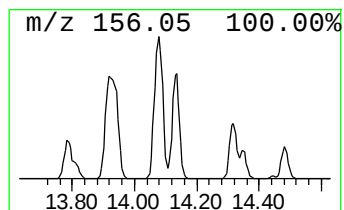
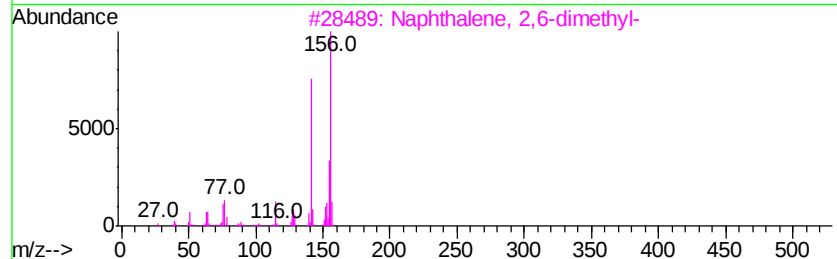
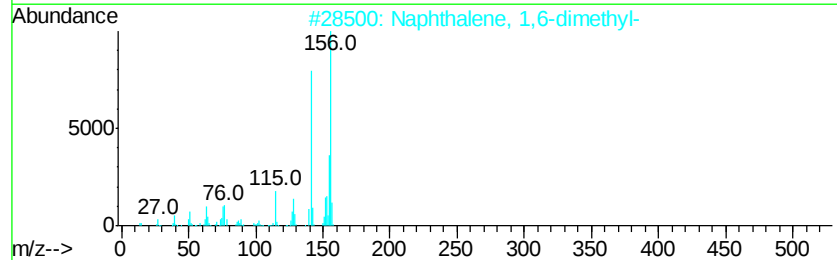
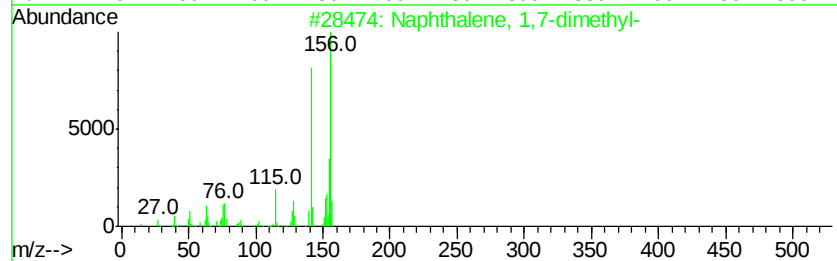
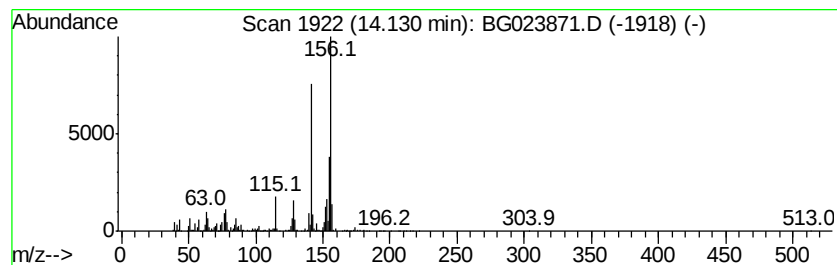
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	32.42 ng	2011700	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
SB-17A(19.6-19.8)

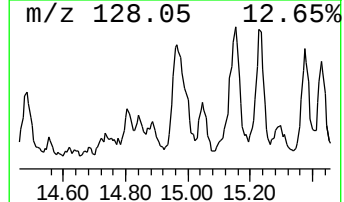
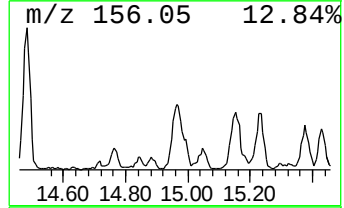
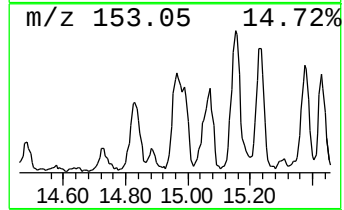
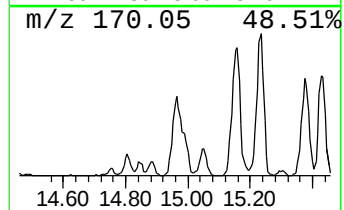
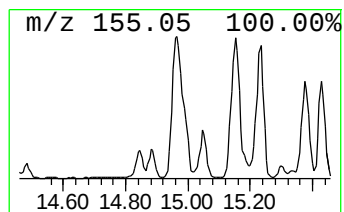
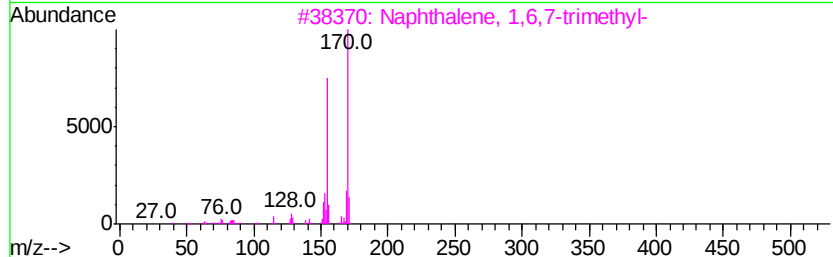
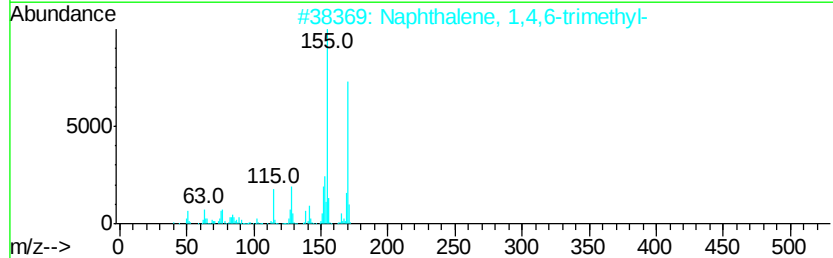
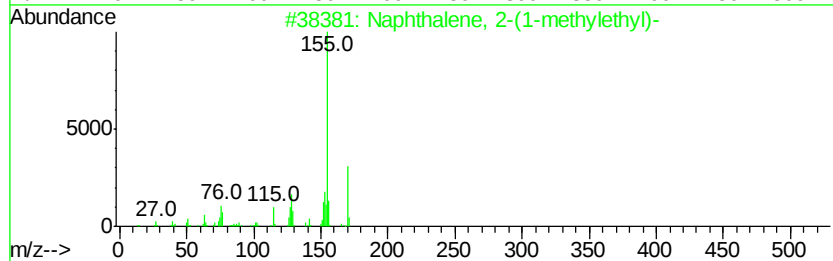
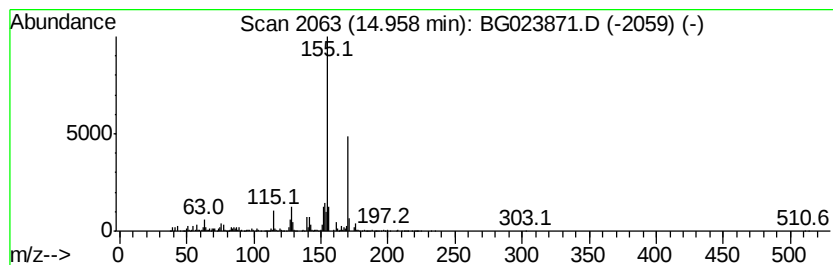
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	37.42 ng	2321960	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A(19.6-19.8)

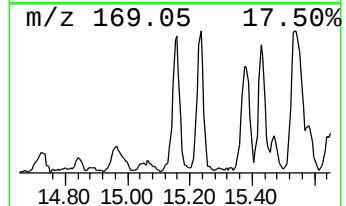
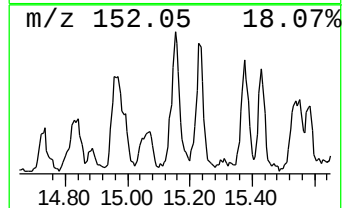
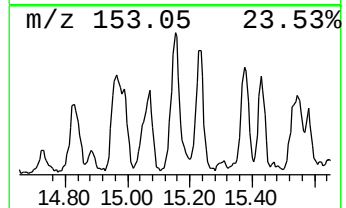
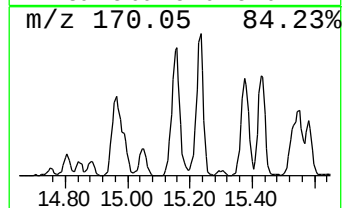
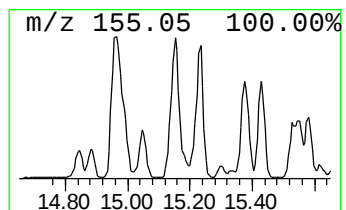
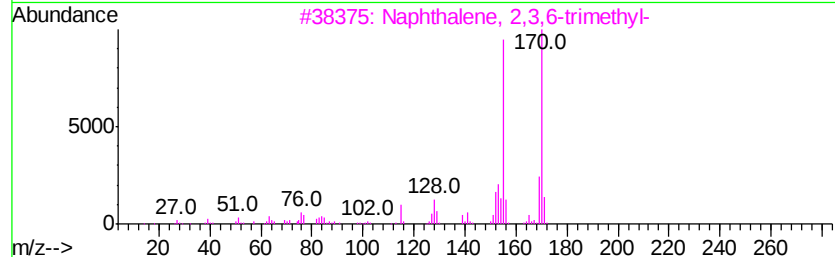
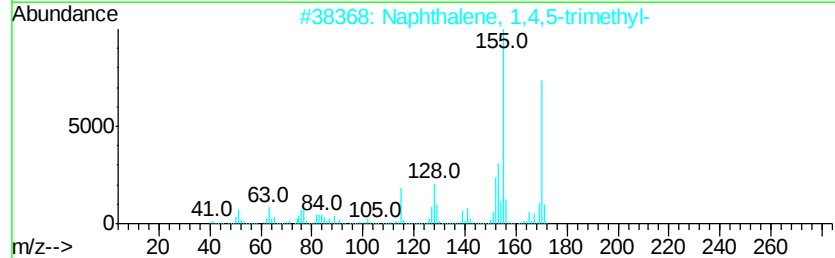
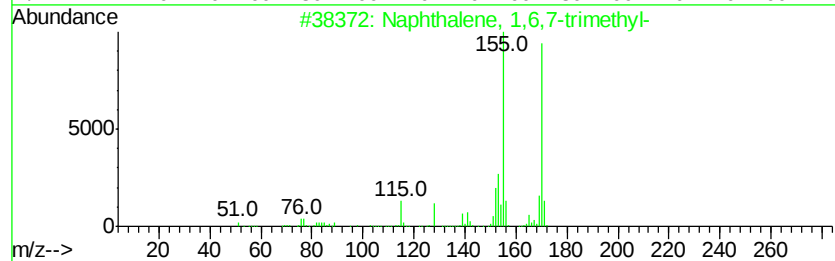
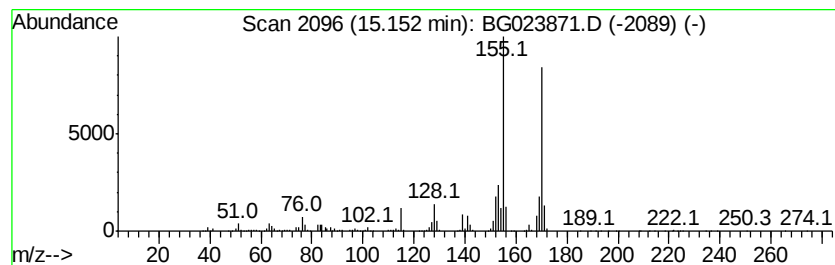
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	37.32 ng	2315570	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

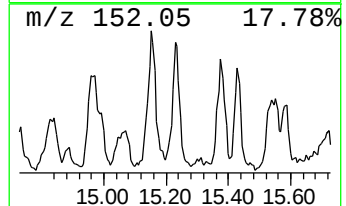
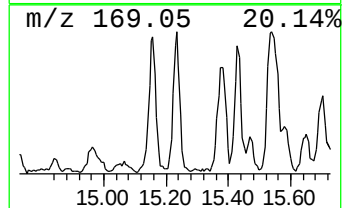
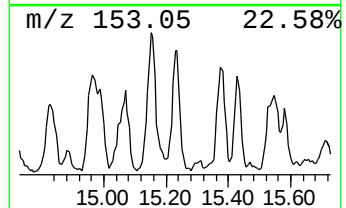
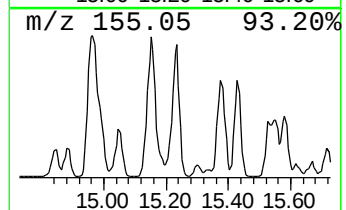
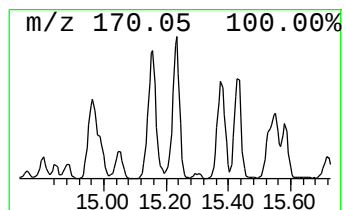
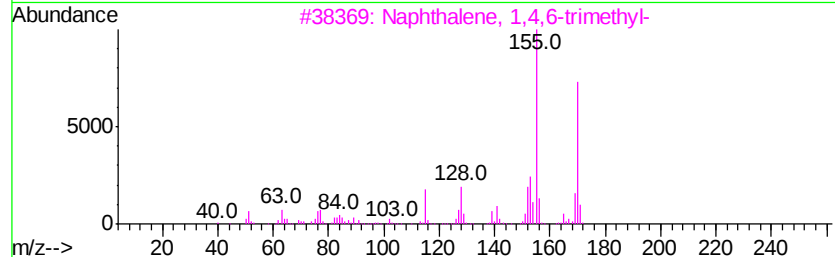
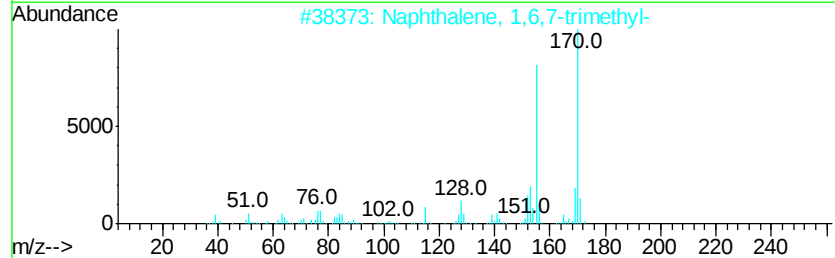
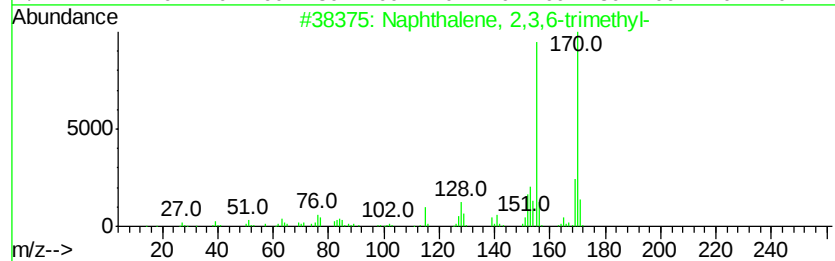
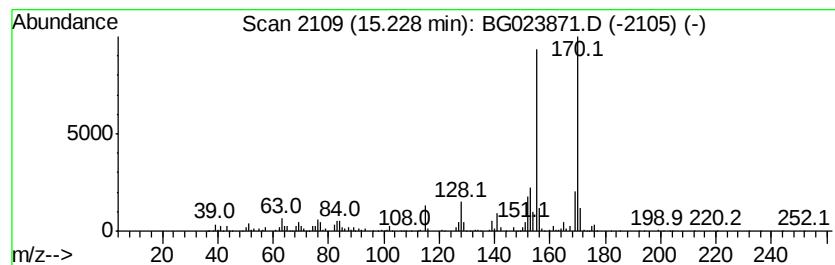
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	27.08 ng	1680460	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

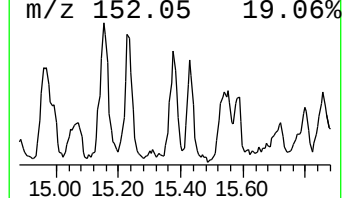
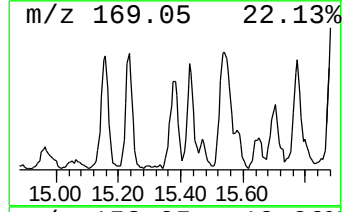
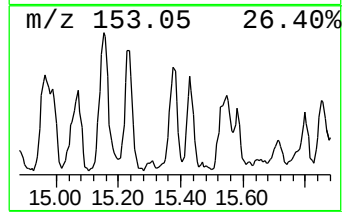
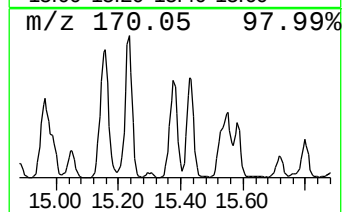
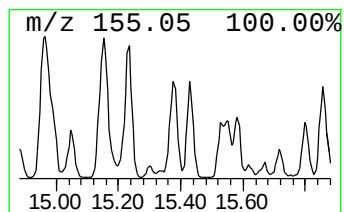
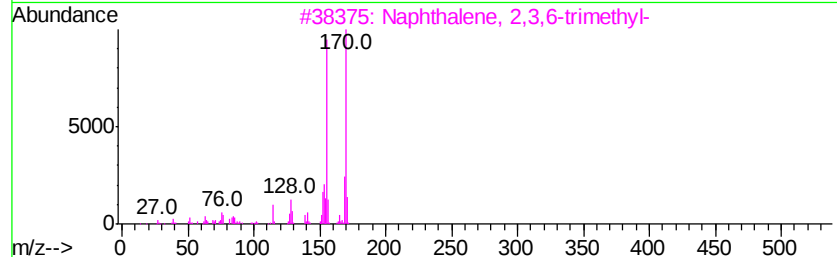
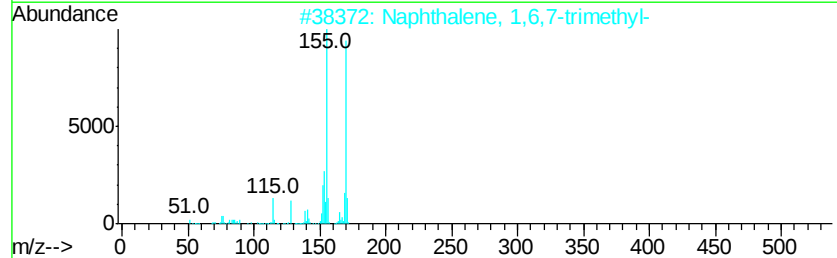
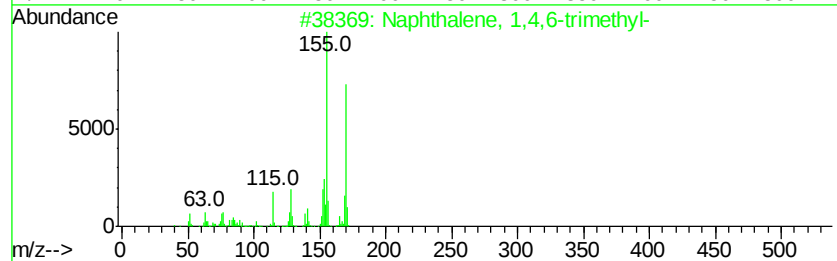
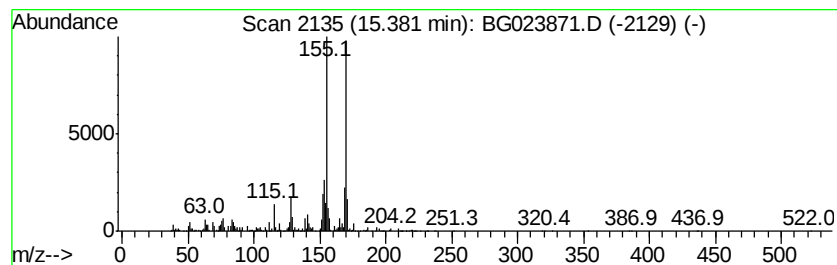
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	23.67 ng	1468880	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A(19.6-19.8)

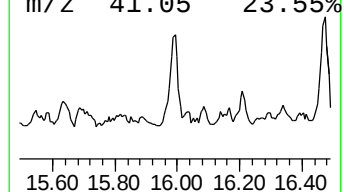
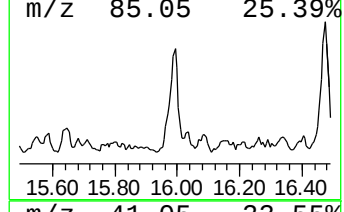
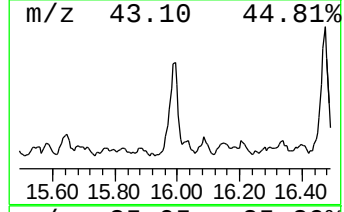
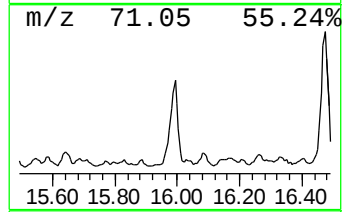
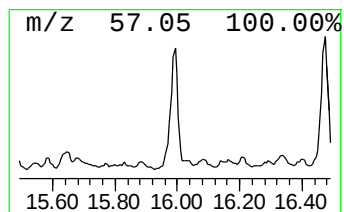
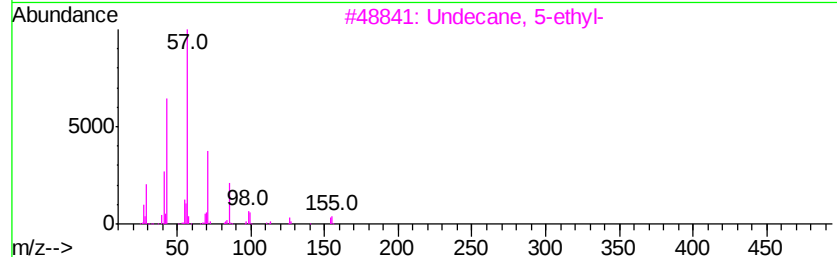
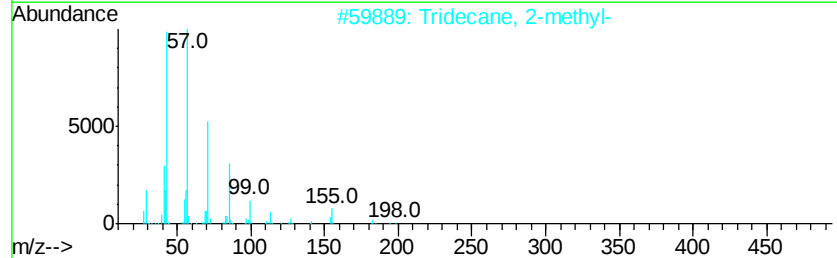
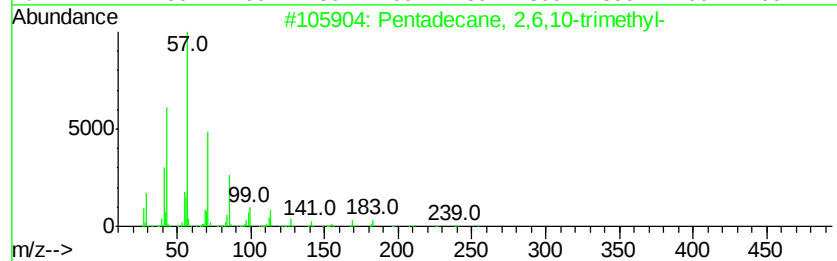
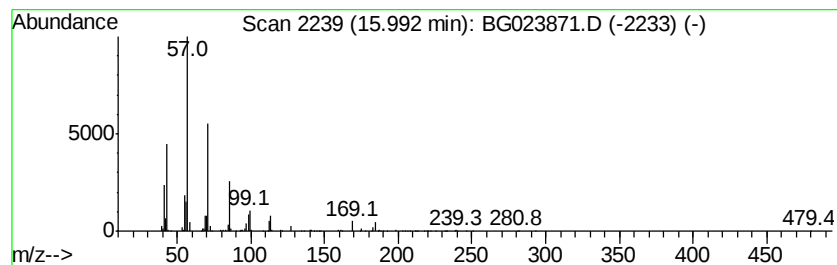
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	19.52 ng	1211180	Acenaphthene-d10	14.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	68
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
4		Heptadecane	240	C17H36	000629-78-7	59
5		Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-17A(19.6-19.8)

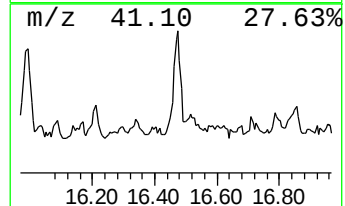
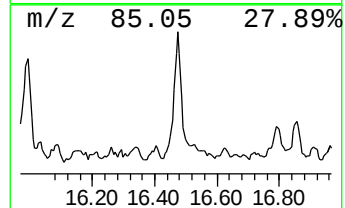
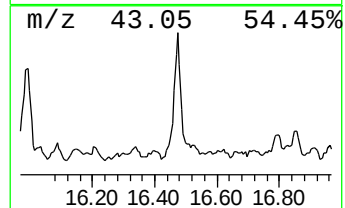
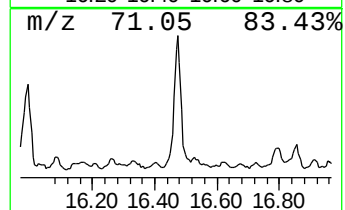
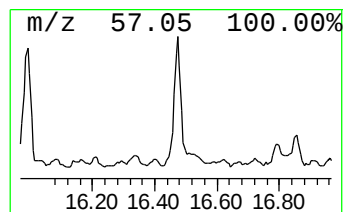
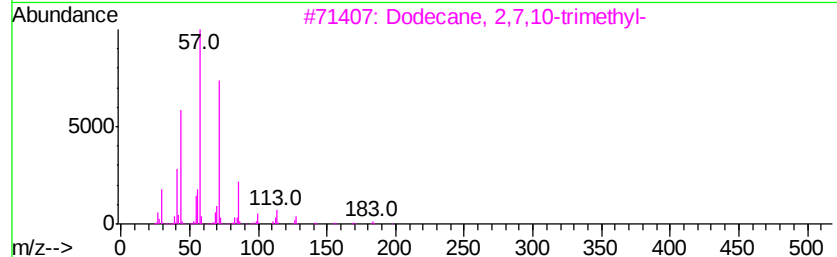
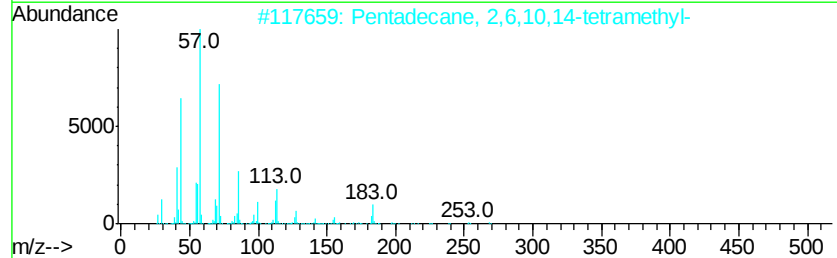
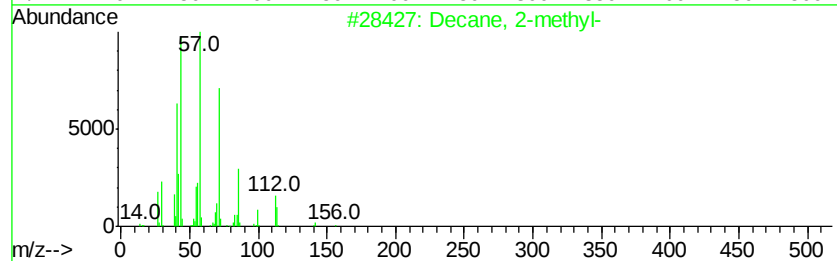
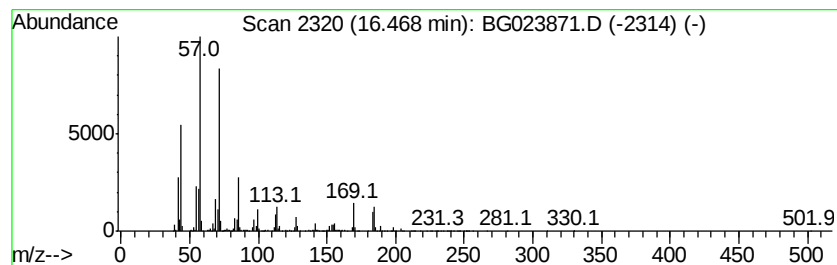
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	40.35 ng	2916360	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	76
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

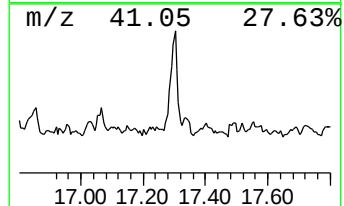
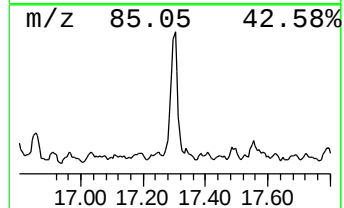
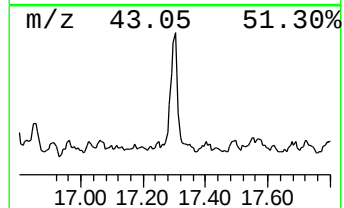
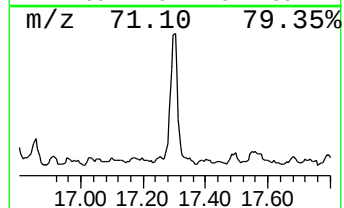
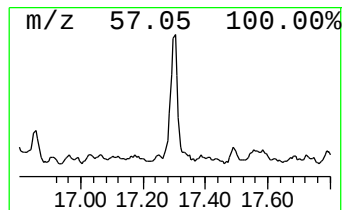
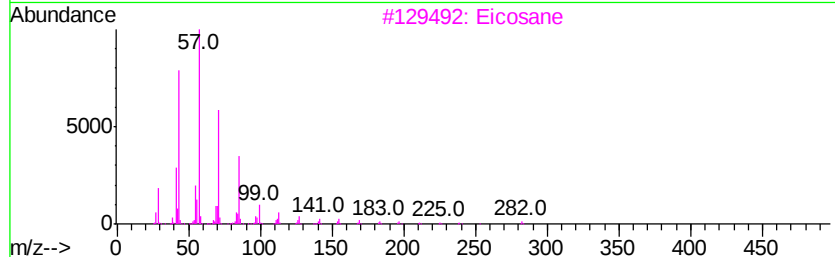
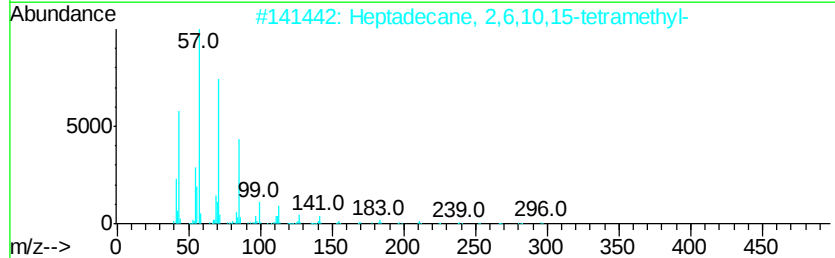
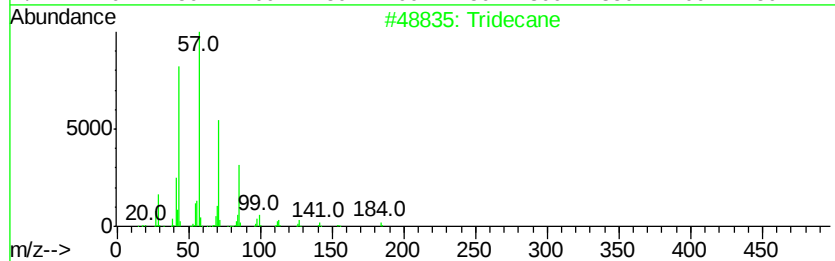
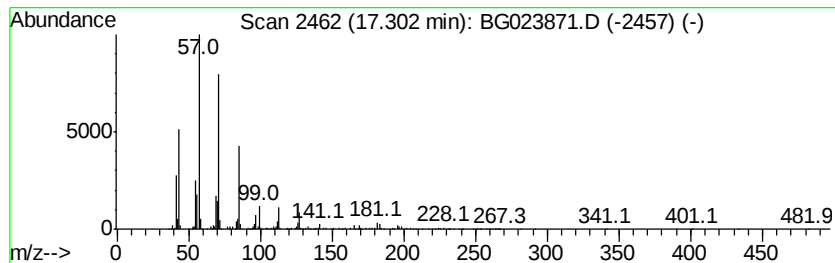
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	19.92 ng	1439780	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3			Eicosane	282	C20H42	000112-95-8	90
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

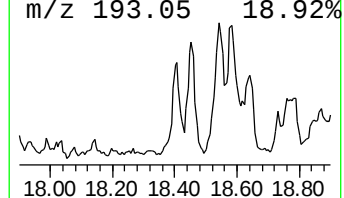
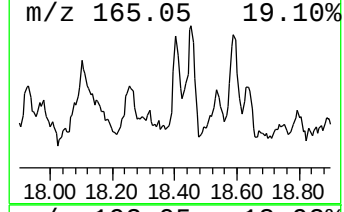
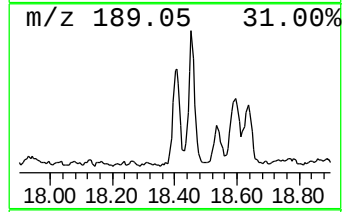
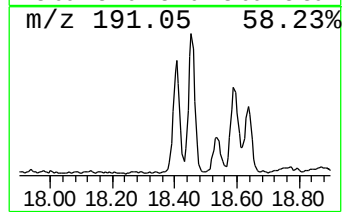
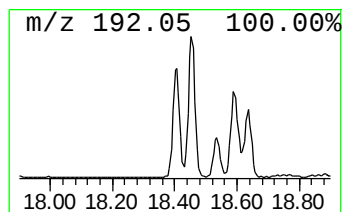
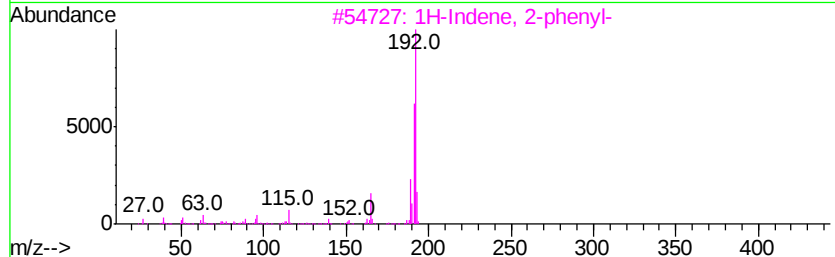
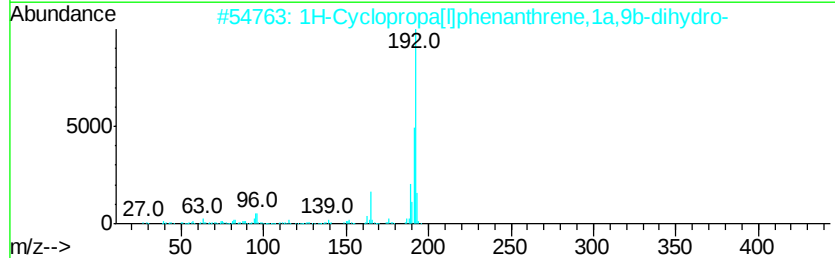
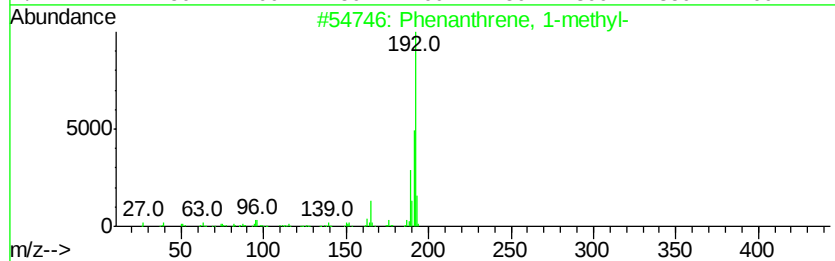
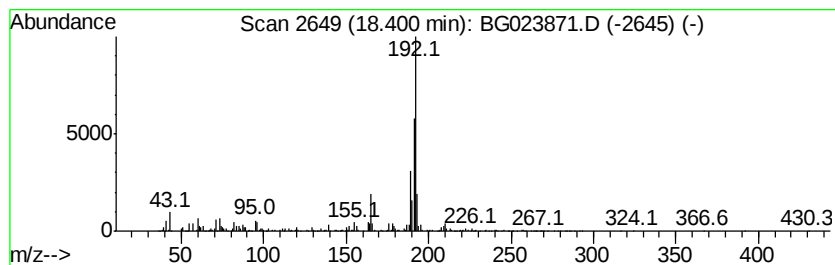
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	16.80 ng	1214280	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023871.D
Acq On : 24 Aug 2016 2:23
Operator : UM/SJ
Sample : H4556-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17A(19.6-19.8)

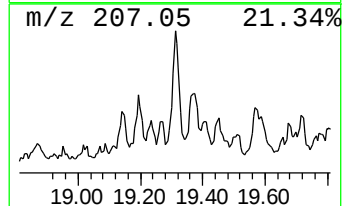
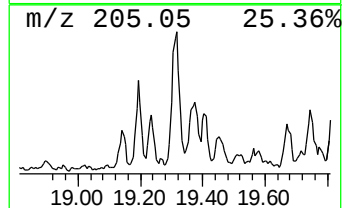
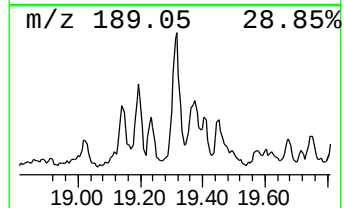
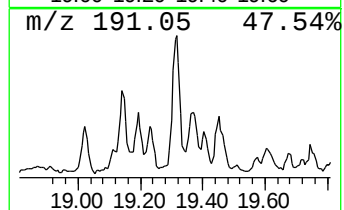
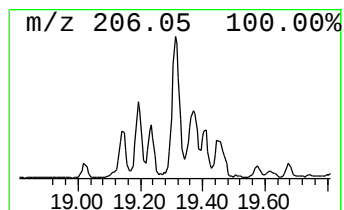
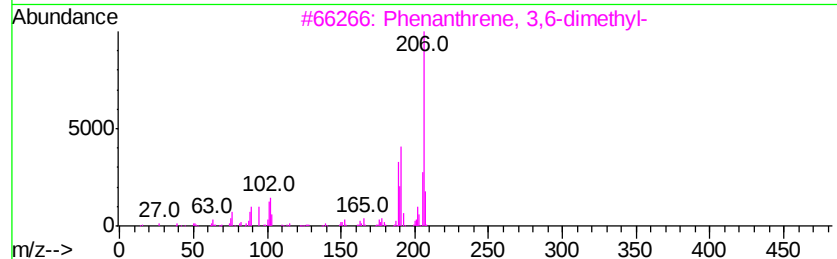
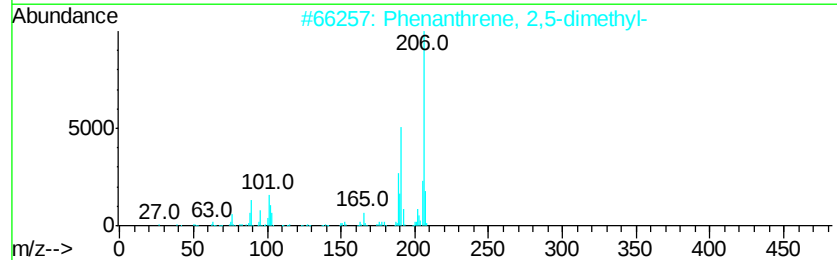
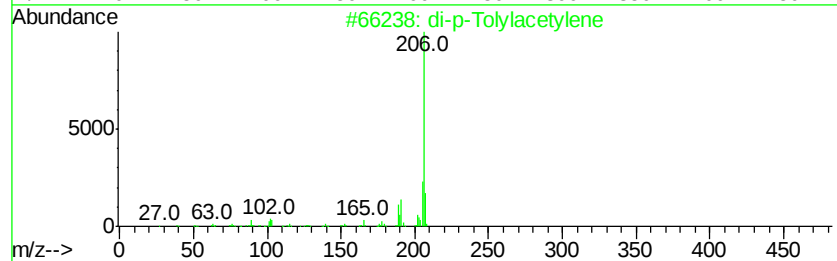
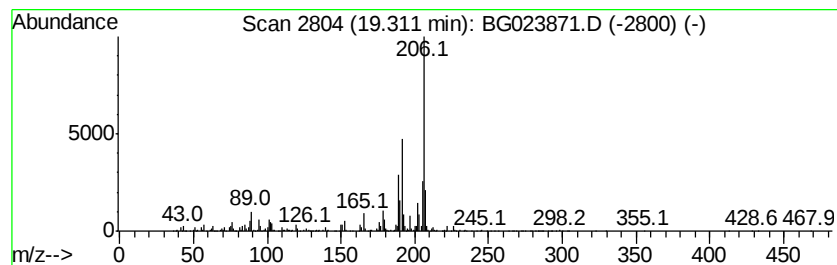
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	20.81 ng	1504290	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023871.D
 Acq On : 24 Aug 2016 2:23
 Operator : UM/SJ
 Sample : H4556-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17A(19.6-19.8)

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.96	2.96	253.3	ng	9895840	1	8.09	781511	20.0
2-Pentanone, 4-hy...	5.15	22.6	ng	881001	1	8.09	781511	20.0
unknown7.62	7.62	91.3	ng	3566200	1	8.09	781511	20.0
Decane, 3,6-dimet...	10.87	21.6	ng	1301230	2	10.92	1205020	20.0
Naphthalene, 2-et...	13.79	27.1	ng	1684920	3	14.76	1240970	20.0
Naphthalene, 2,6-...	13.94	49.5	ng	3072910	3	14.76	1240970	20.0
Naphthalene, 2,3-...	14.08	48.2	ng	2992400	3	14.76	1240970	20.0
Naphthalene, 1,7-...	14.13	32.4	ng	2011700	3	14.76	1240970	20.0
Naphthalene, 2-(1...	14.96	37.4	ng	2321960	3	14.76	1240970	20.0
Naphthalene, 1,6,...	15.15	37.3	ng	2315570	3	14.76	1240970	20.0
Naphthalene, 2,3,...	15.23	27.1	ng	1680460	3	14.76	1240970	20.0
Naphthalene, 1,4,...	15.38	23.7	ng	1468880	3	14.76	1240970	20.0
Pentadecane, 2,6,...	15.99	19.5	ng	1211180	3	14.76	1240970	20.0
Decane, 2-methyl-	16.47	40.4	ng	2916360	4	17.53	1445690	20.0
Tridecane	17.30	19.9	ng	1439780	4	17.53	1445690	20.0
Phenanthrene, 1-m...	18.40	16.8	ng	1214280	4	17.53	1445690	20.0
di-p-Tolylacetylene	19.31	20.8	ng	1504290	4	17.53	1445690	20.0