

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080049.D
 Acq On : 18 Jun 2015 17:04
 Operator : TP/IZ
 Sample : G2660-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1

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_F\METHODS\8270-BF061715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.418	202	204	208	rVB	597592	571137	6.60%	0.200%
2	5.498	208	211	212	rBV2	492887	714392	8.26%	0.250%
3	5.533	212	214	216	rVV2	232593	454313	5.25%	0.159%
4	5.578	216	218	220	rVV	865610	862549	9.97%	0.302%
5	5.761	232	234	239	rBV2	665849	1327822	15.35%	0.464%
6	5.841	239	241	245	rBV2	757378	1214037	14.03%	0.424%
7	5.944	245	250	252	rBV	1833804	2121530	24.52%	0.742%
8	6.047	257	259	262	rBV	373378	483486	5.59%	0.169%
9	6.127	264	266	268	rBV2	527855	1019600	11.78%	0.356%
10	6.173	268	270	271	rVB	475320	643565	7.44%	0.225%
11	6.207	271	273	277	rVB2	615073	867661	10.03%	0.303%
12	6.379	284	288	289	rBV3	804654	1286950	14.87%	0.450%
13	6.413	289	291	292	rBV	562438	682383	7.89%	0.239%
14	6.516	295	300	301	rVB2	765635	1612445	18.64%	0.564%
15	6.539	301	302	304	rBV	443301	353871	4.09%	0.124%
16	6.584	304	306	310	rBV2	2917308	5094044	58.88%	1.781%
17	6.641	310	311	313	rVB	1396514	1056387	12.21%	0.369%
18	6.710	316	317	320	rVB2	453208	493980	5.71%	0.173%
19	6.767	320	322	325	rBV2	845147	1793848	20.73%	0.627%
20	6.836	325	328	329	rVB2	2292715	2834005	32.76%	0.991%
21	6.881	329	332	334	rBV2	1999751	4007553	46.32%	1.401%
22	6.927	334	336	338	rVB2	1059652	1340953	15.50%	0.469%
23	6.996	340	342	343	rBV	654875	537036	6.21%	0.188%
24	7.019	343	344	345	rBV	913873	634438	7.33%	0.222%
25	7.099	347	351	352	rBV3	1917326	3775592	43.64%	1.320%
26	7.121	352	353	356	rVB2	1146210	1476785	17.07%	0.516%
27	7.201	356	360	361	rBV3	1028652	1806421	20.88%	0.632%
28	7.270	363	366	367	rBV3	768653	1218500	14.08%	0.426%
29	7.293	367	368	370	rBV2	1320654	2227665	25.75%	0.779%
30	7.339	370	372	374	rVB	3694519	5466242	63.18%	1.911%
31	7.384	374	376	379	rBV3	1075422	1730448	20.00%	0.605%
32	7.441	379	381	383	rBV3	1721139	2001962	23.14%	0.700%
33	7.487	383	385	387	rBV3	2855634	4132309	47.76%	1.445%
34	7.521	387	388	389	rVB	1399200	959851	11.09%	0.336%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080049.D
 Acq On : 18 Jun 2015 17:04
 Operator : TP/IZ
 Sample : G2660-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1

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_F\METHODS\8270-BF061715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.579	389	393	394	rBV3	751000	1619868	18.72%	0.566%
36	7.613	394	396	397	rBV2	1551003	2285874	26.42%	0.799%
37	7.636	397	398	399	rVB	2147761	1472290	17.02%	0.515%
38	7.670	399	401	403	rVB2	3625698	3910733	45.20%	1.367%
39	7.716	403	405	412	rVB4	3885167	8054765	93.10%	2.816%
40	7.819	412	414	416	rBV3	733794	1403662	16.22%	0.491%
41	7.876	416	419	421	rBV3	4655870	6838054	79.03%	2.391%
42	7.910	421	422	426	rVB3	2495902	3949096	45.64%	1.381%
43	7.979	426	428	430	rBV2	2627608	5008902	57.89%	1.751%
44	8.036	430	433	435	rVB2	2418580	3353352	38.76%	1.172%
45	8.082	435	437	438	rBV	1506996	2047577	23.67%	0.716%
46	8.116	438	440	441	rVB2	3015303	3094250	35.76%	1.082%
47	8.162	441	444	447	rVB2	2762789	4234695	48.94%	1.480%
48	8.219	447	449	450	rBV	1981567	2876730	33.25%	1.006%
49	8.242	450	451	453	rBV2	2600245	2123497	24.54%	0.742%
50	8.299	453	456	458	rVB3	3182381	5624152	65.00%	1.966%
51	8.333	458	459	460	rVB	2755457	1888866	21.83%	0.660%
52	8.367	460	462	465	rBV3	4542576	5362874	61.98%	1.875%
53	8.413	465	466	467	rVB	2769380	1899795	21.96%	0.664%
54	8.436	467	468	472	rVB3	1740339	3039207	35.13%	1.063%
55	8.493	472	473	475	rVB2	1961816	2485157	28.72%	0.869%
56	8.527	475	476	477	rBV	1115264	1206112	13.94%	0.422%
57	8.584	477	481	482	rBV4	1591158	3477773	40.20%	1.216%
58	8.619	482	484	485	rBV2	1921623	1881568	21.75%	0.658%
59	8.653	485	487	488	rVB2	1823614	1859259	21.49%	0.650%
60	8.687	488	490	491	rVB2	4674468	5957369	68.86%	2.083%
61	8.722	491	493	496	rVB4	2015754	3763638	43.50%	1.316%
62	8.779	496	498	500	rBV3	1457775	2425490	28.03%	0.848%
63	8.836	500	503	506	rVB4	1690622	3928900	45.41%	1.374%
64	8.882	506	507	508	rBV	1286622	1357483	15.69%	0.475%
65	8.927	508	511	513	rBV3	3580122	6399665	73.97%	2.237%
66	8.973	513	515	517	rBV3	1389037	1909088	22.07%	0.667%
67	9.053	517	522	523	rBV2	4360004	7525347	86.98%	2.631%
68	9.145	528	530	532	rBV2	1644207	2608450	30.15%	0.912%
69	9.190	532	534	536	rVV2	1409438	3005921	34.74%	1.051%
70	9.236	536	538	539	rVV	1997212	3212153	37.13%	1.123%
71	9.270	539	541	542	rVV2	2317728	3738124	43.21%	1.307%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.316	543	545	550	rVB4	2855549	6129645	70.85%	2.143%
73	9.465	556	558	560	rBV	2987977	3789088	43.79%	1.325%
74	9.545	563	565	567	rVB3	2070172	3433085	39.68%	1.200%
75	9.590	567	569	570	rVB	903819	921467	10.65%	0.322%
76	9.659	573	575	579	rVB3	4023021	7038916	81.36%	2.461%
77	9.807	585	588	593	rBV6	2319800	8652035	100.00%	3.025%
78	9.876	593	594	595	rVB	1279767	1028203	11.88%	0.359%
79	10.002	602	605	607	rBV	3002347	5749618	66.45%	2.010%
80	10.082	609	612	613	rBV	2282255	4533874	52.40%	1.585%
81	10.196	620	622	626	rVB4	2267574	4880795	56.41%	1.706%
82	10.276	627	629	631	rBV2	1416947	2215157	25.60%	0.774%
83	10.527	648	651	653	rBV	1699208	2803233	32.40%	0.980%
84	10.665	661	663	668	rVB3	3282501	6451898	74.57%	2.256%
85	10.745	668	670	671	rBV2	2503013	3774016	43.62%	1.319%
86	10.768	671	672	675	rVB2	2322240	3267625	37.77%	1.142%
87	10.836	675	678	679	rBV3	2004547	3955532	45.72%	1.383%
88	11.065	695	698	701	rVB3	3048728	5581838	64.51%	1.951%
89	11.350	719	723	726	rBV2	3819947	7625571	88.14%	2.666%
90	11.830	762	765	769	rVB2	2788593	5537276	64.00%	1.936%
91	12.196	795	797	801	rVB2	1682012	2374833	27.45%	0.830%
92	12.505	822	824	825	rBV	1384342	1701635	19.67%	0.595%
93	12.539	825	827	828	rVB	2029827	2463960	28.48%	0.861%
94	13.122	876	878	880	rBV	2078455	2259614	26.12%	0.790%
95	13.225	885	887	888	rBV	794415	1104100	12.76%	0.386%
96	13.259	888	890	893	rVB2	1169524	1547212	17.88%	0.541%
97	13.648	922	924	925	rVB	1052957	1348890	15.59%	0.472%
98	13.705	927	929	930	rBV	989171	1165491	13.47%	0.407%
99	15.088	1048	1050	1053	rVB	475586	527035	6.09%	0.184%
100	17.065	1219	1223	1226	rBV	323233	545518	6.31%	0.191%

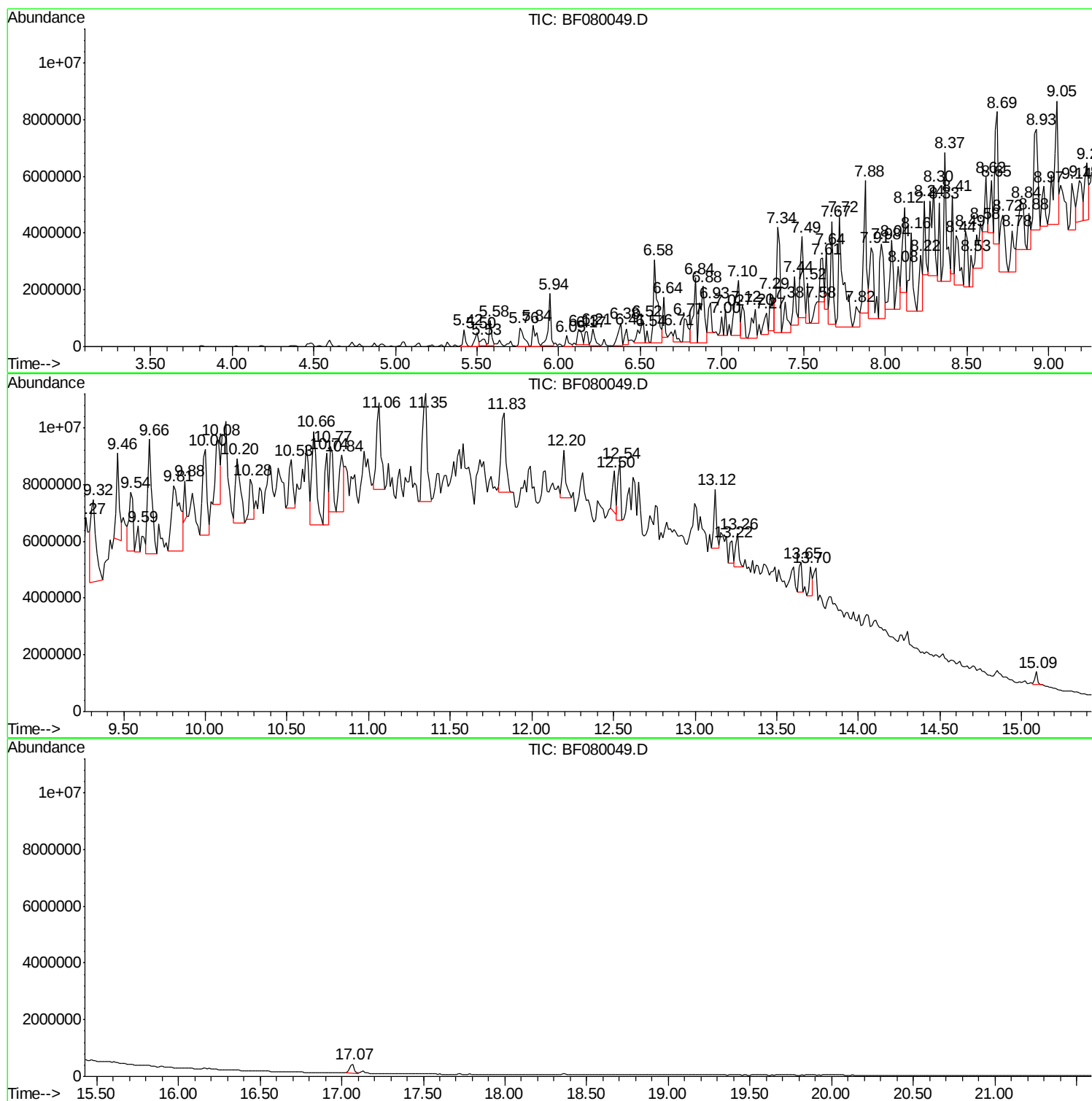
Sum of corrected areas: 286040656

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

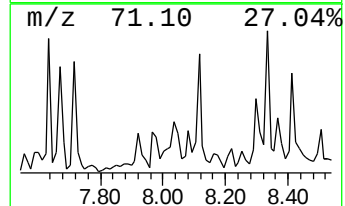
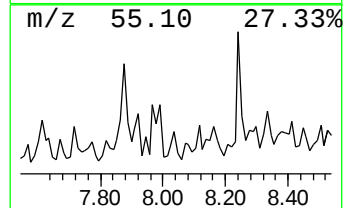
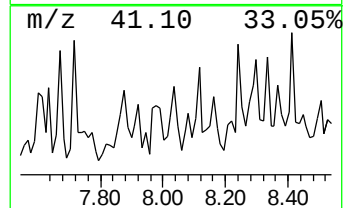
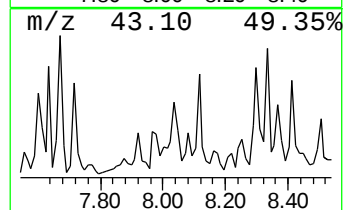
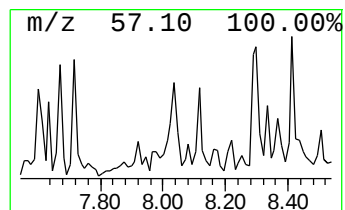
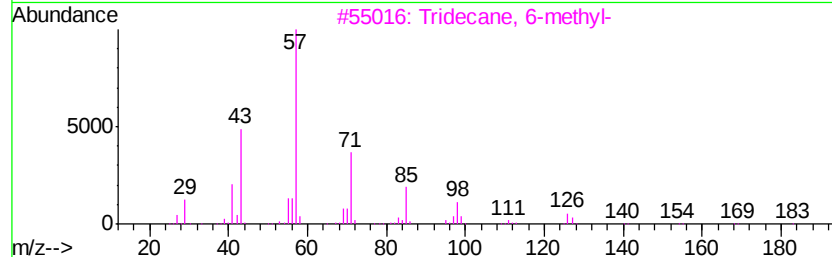
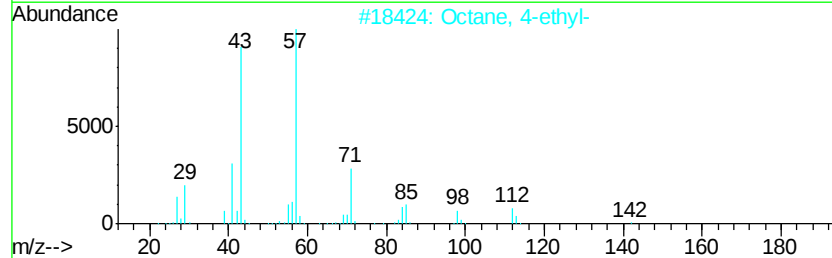
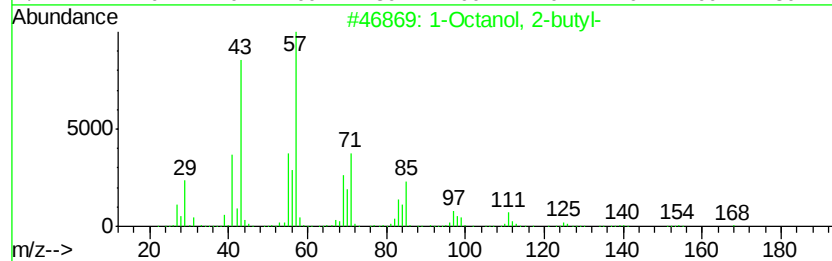
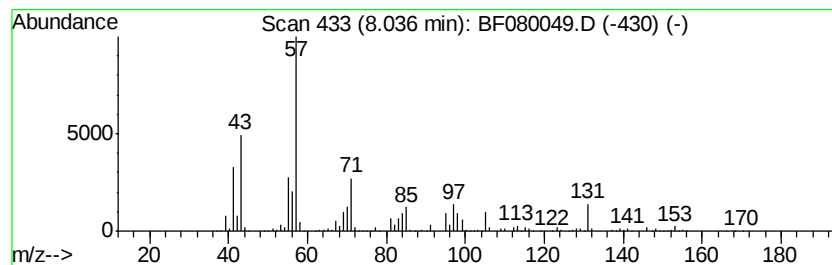
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	35.64 ng	3353350	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	47
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

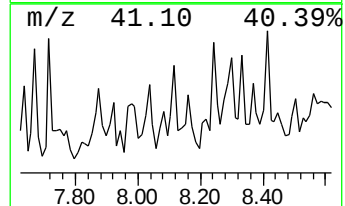
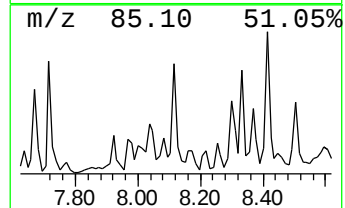
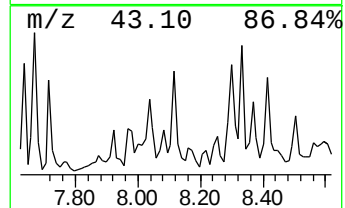
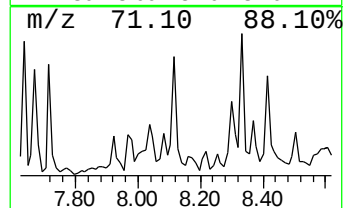
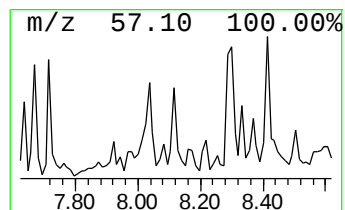
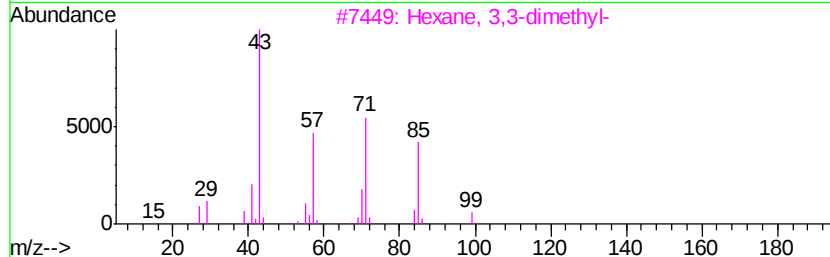
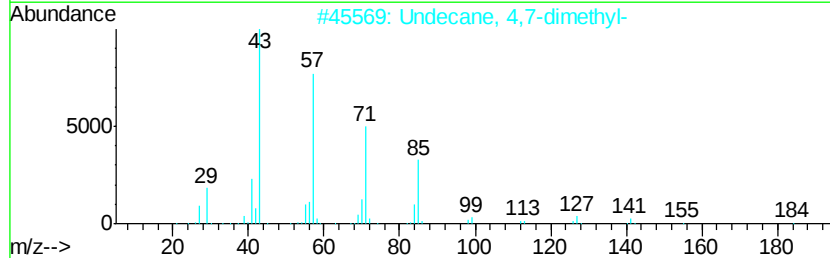
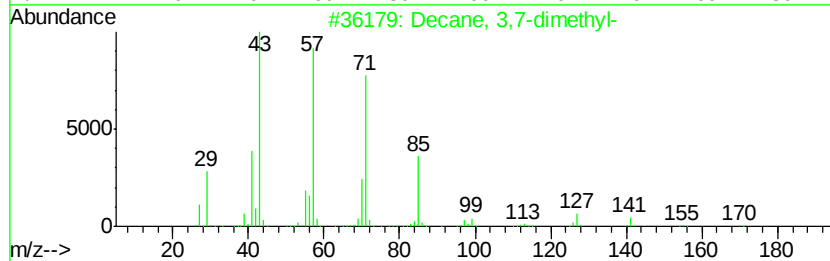
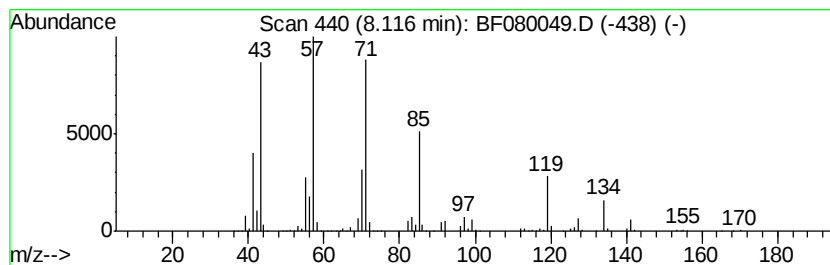
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	32.89 ng	3094250	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	92
2		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59
5		Heptadecane	240	C17H36	000629-78-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
W1

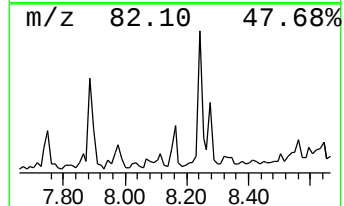
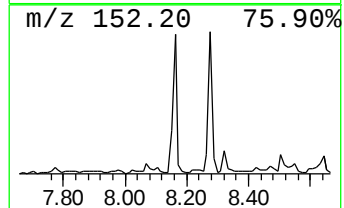
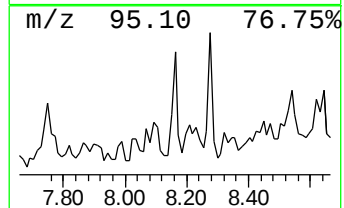
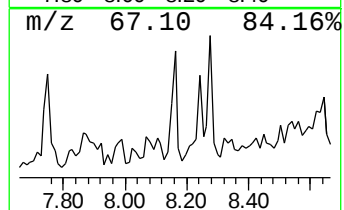
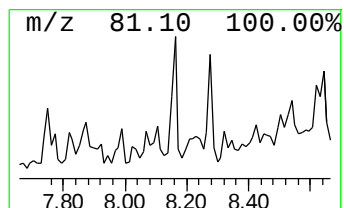
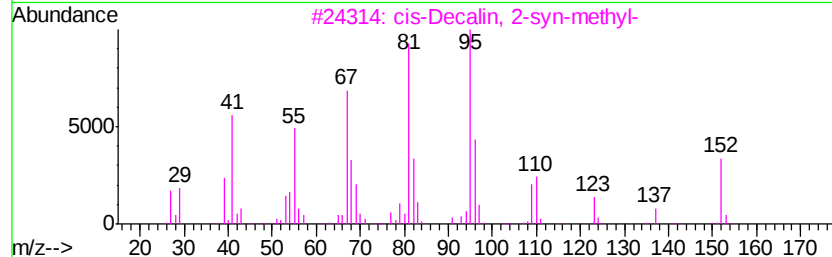
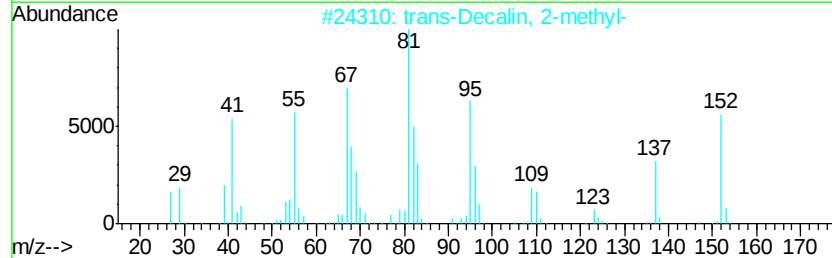
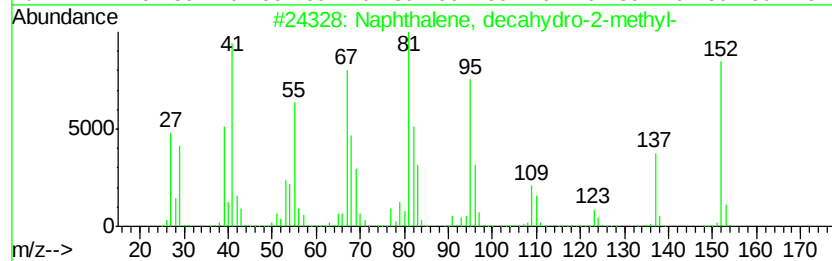
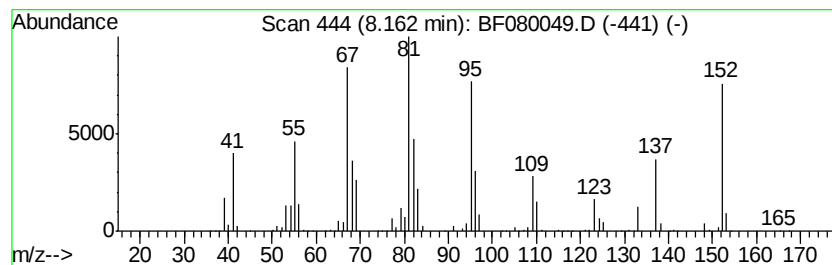
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	45.01 ng	4234700	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	70
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

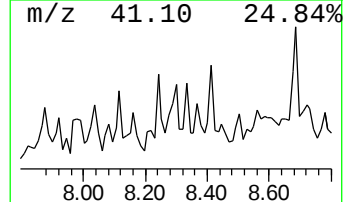
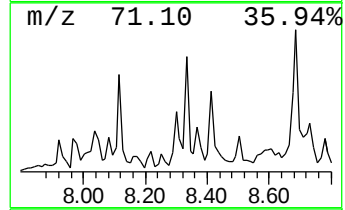
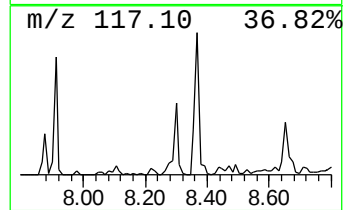
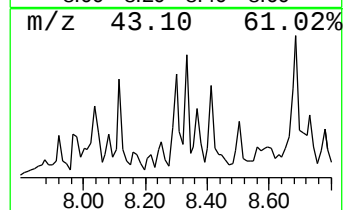
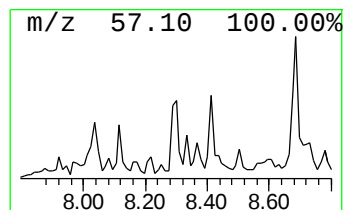
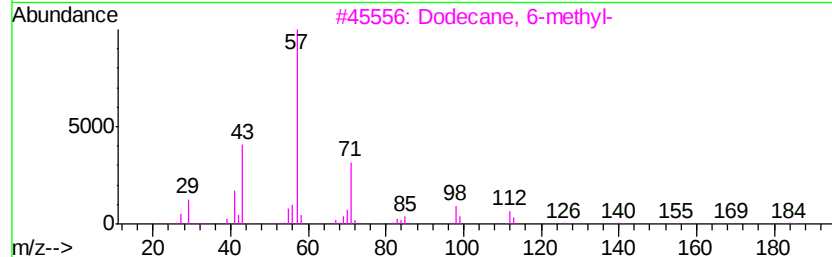
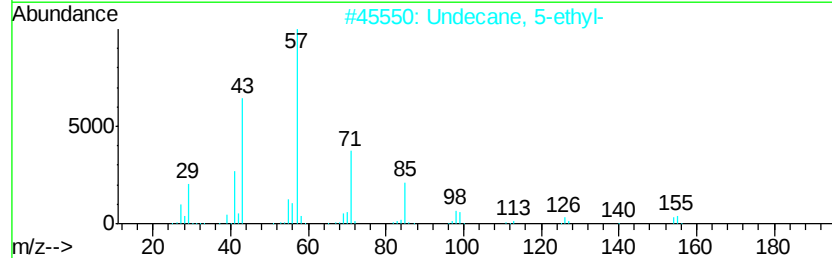
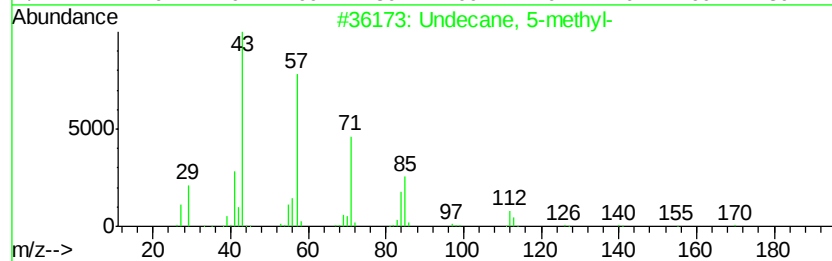
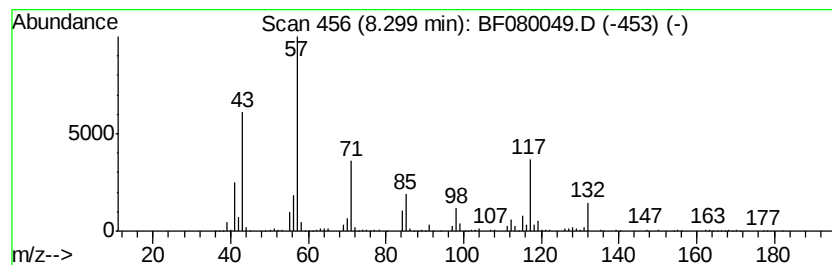
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.30 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	59.78 ng	5624150	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	46
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	43
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	43
4		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	43
5		Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
W1

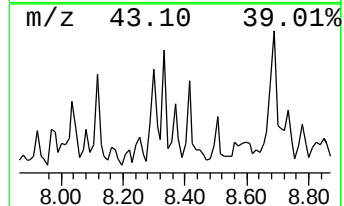
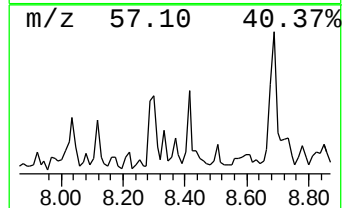
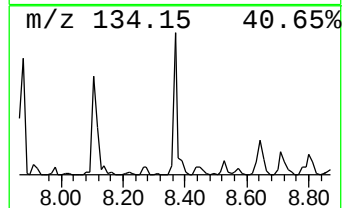
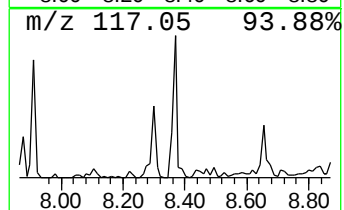
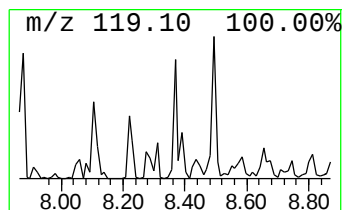
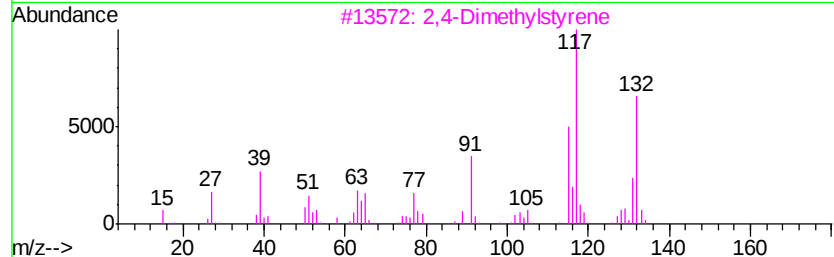
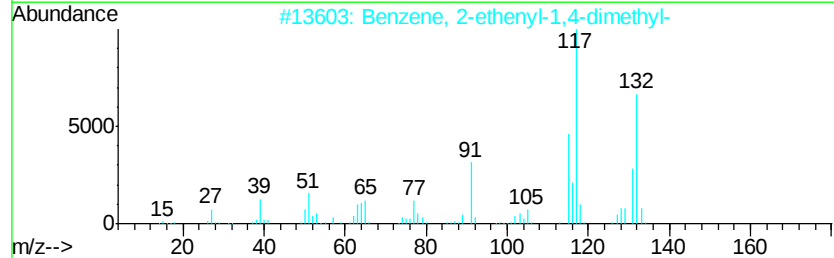
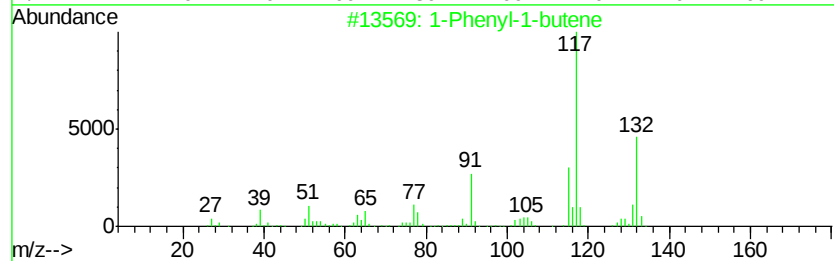
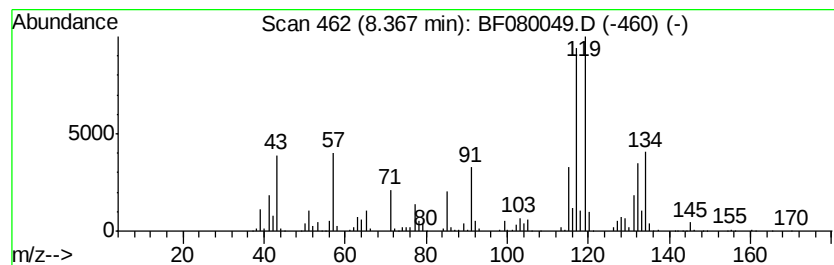
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	57.00 ng	5362870	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	60
3		2,4-Dimethylstyrene	132	C10H12	002234-20-0	60
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

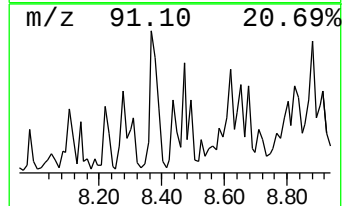
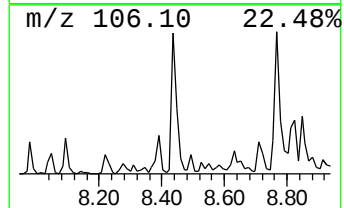
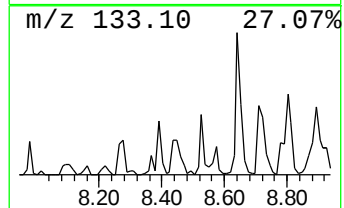
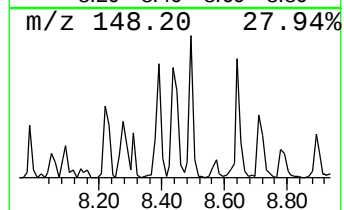
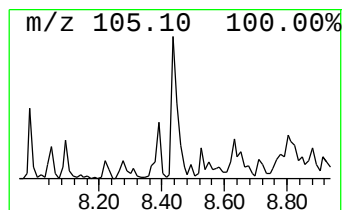
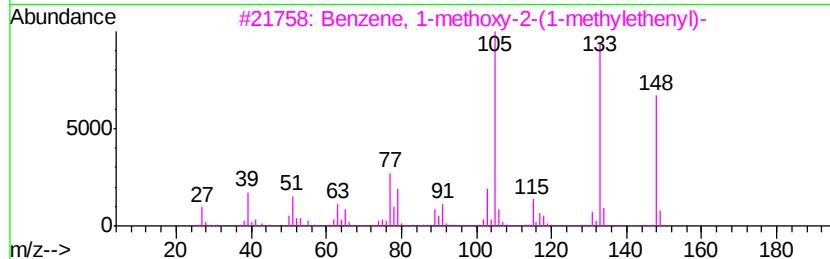
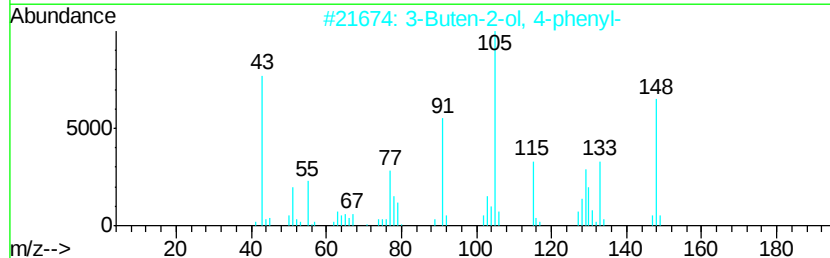
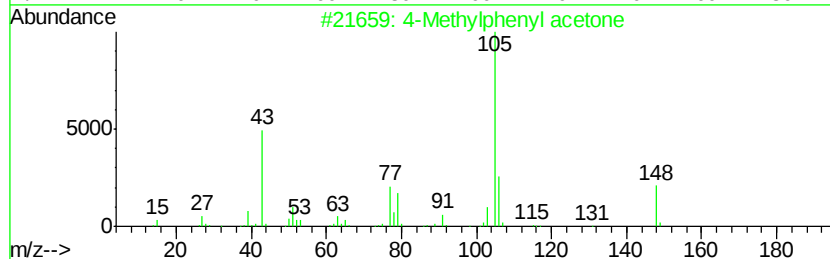
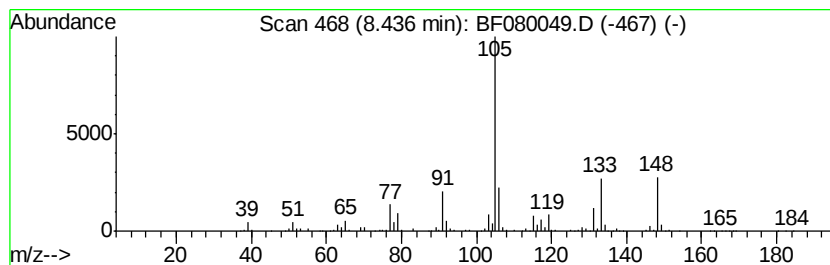
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4-Methylphenyl acetone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	32.31 ng	3039210	Napthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	60
2		3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	53
3		Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	52
4		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
5		Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

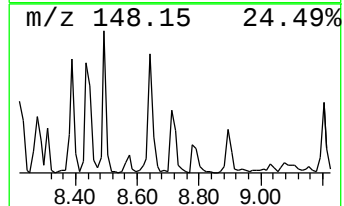
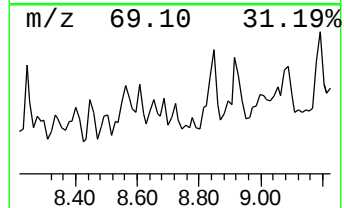
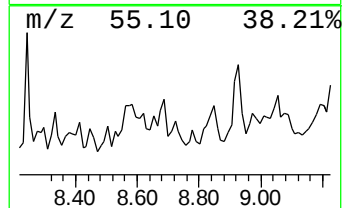
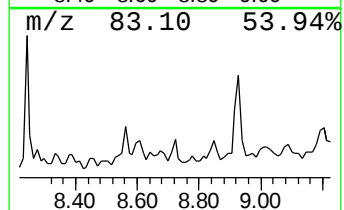
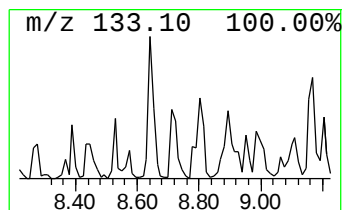
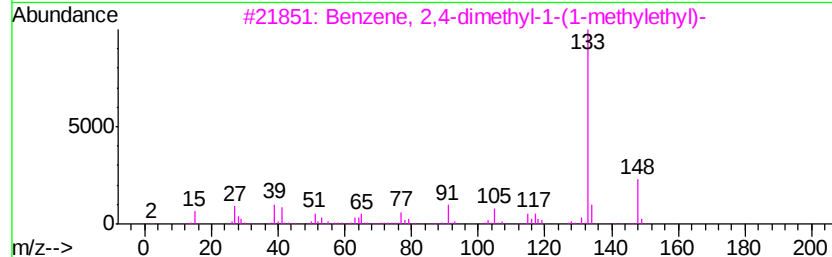
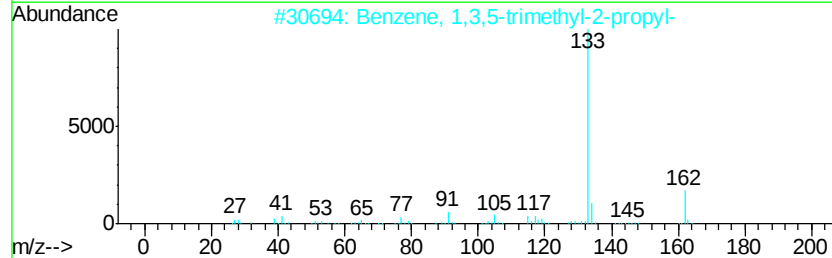
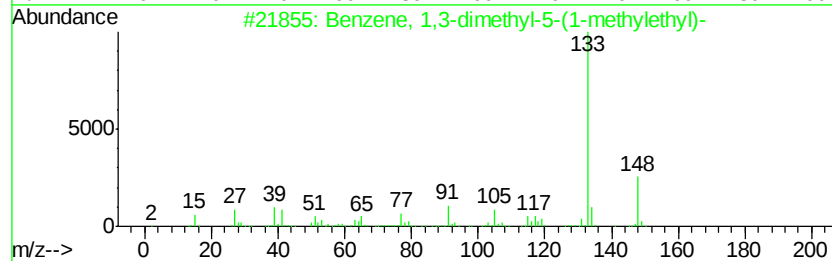
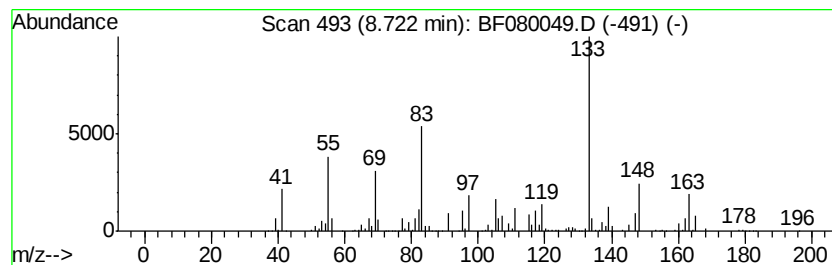
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.72 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	40.01 ng	3763640	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46
2		Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	46
3		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	45
4		6-Methyl-4-indanol	148	C10H12O	020294-32-0	43
5		4-tert-Butyltoluene	148	C11H16	000098-51-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

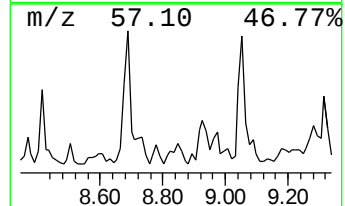
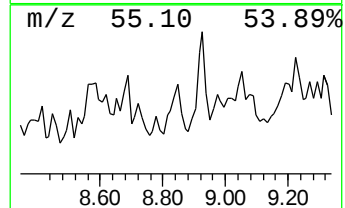
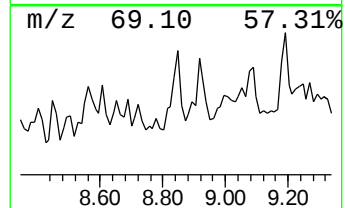
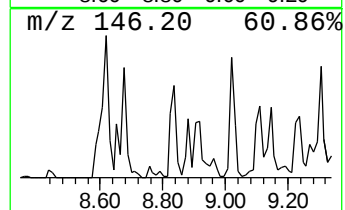
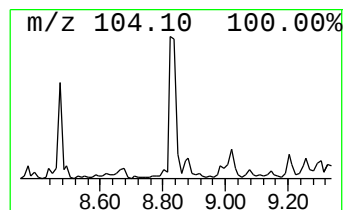
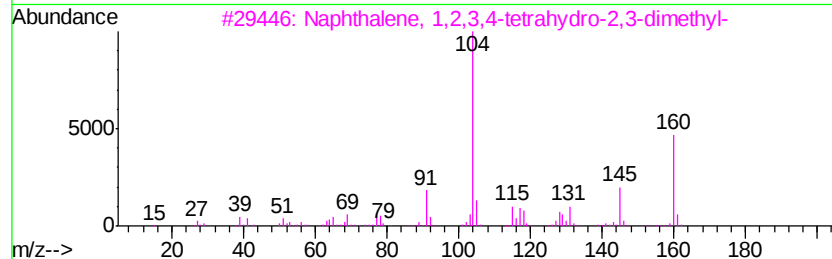
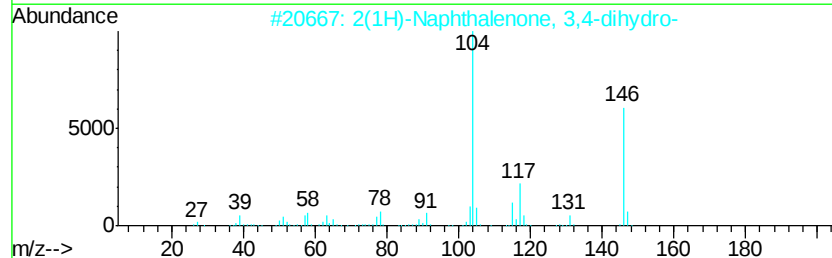
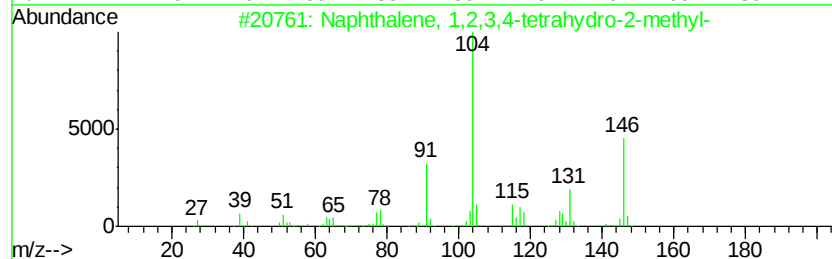
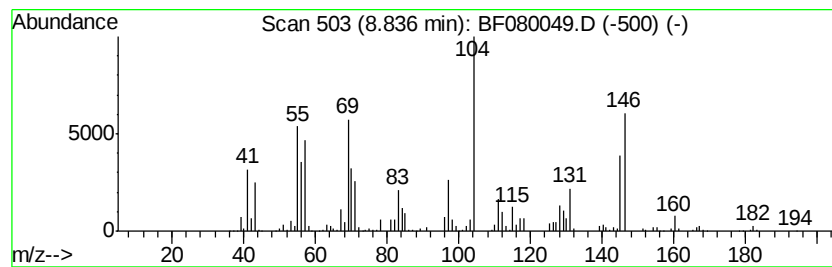
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	41.76 ng	3928900	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	38
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	32
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	32
4		Cyclohexanecarboxylic acid, 2-ph...	232	C15H20O2	037139-88-1	25
5		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

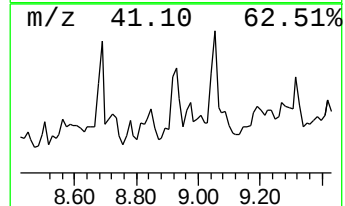
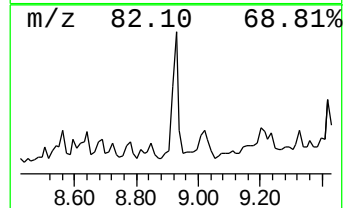
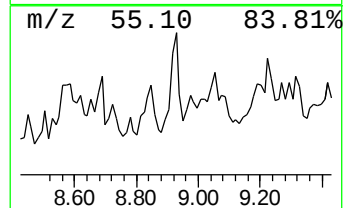
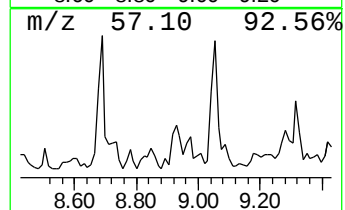
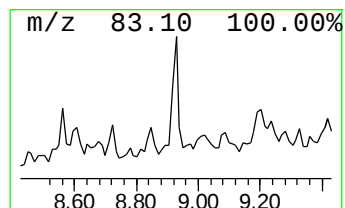
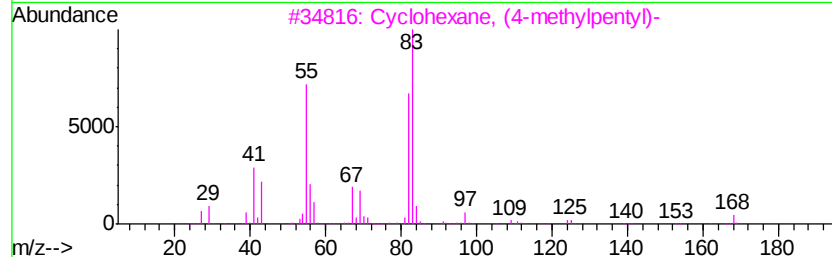
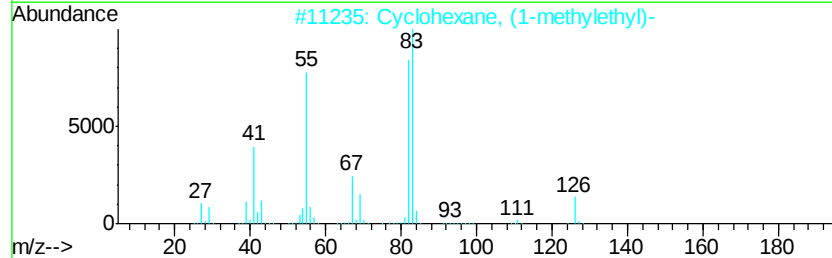
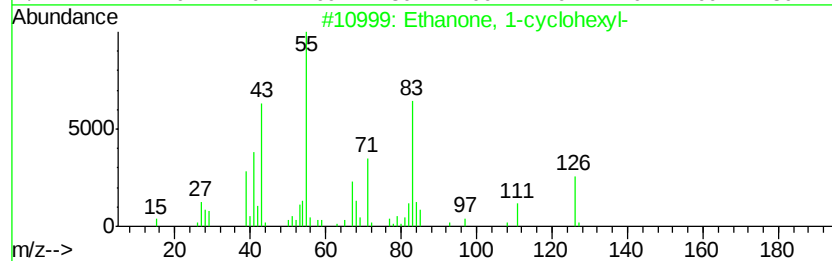
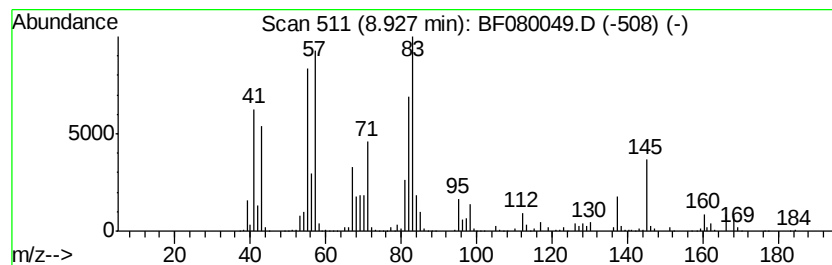
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Ethanone, 1-cyclohexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	68.02 ng	6399670	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	90
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
4		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

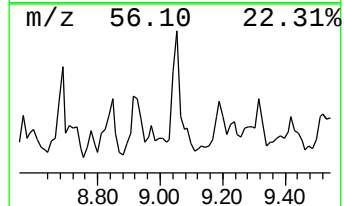
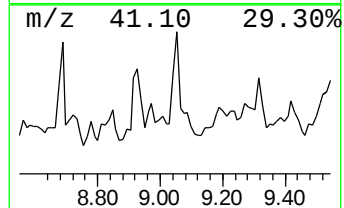
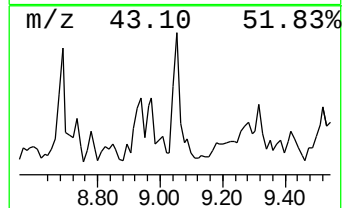
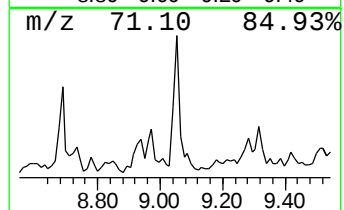
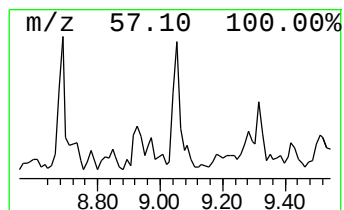
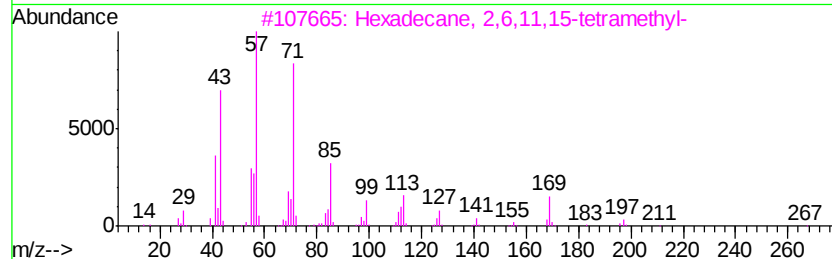
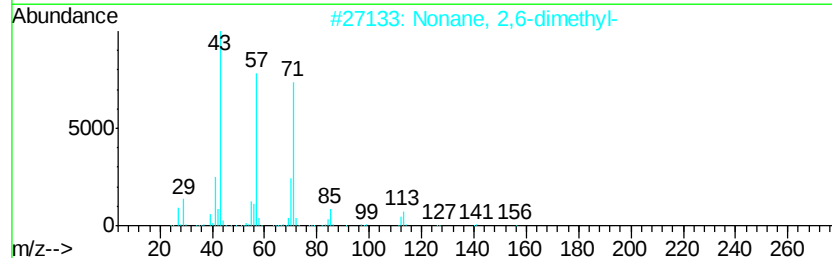
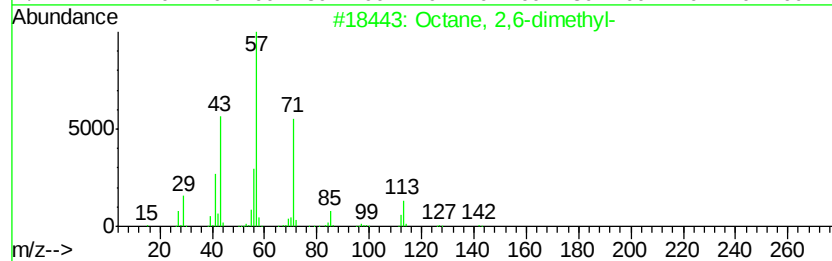
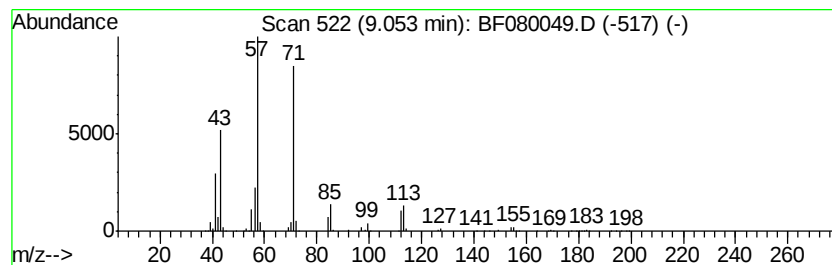
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	79.99 ng	7525350	Napthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	86
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
4		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

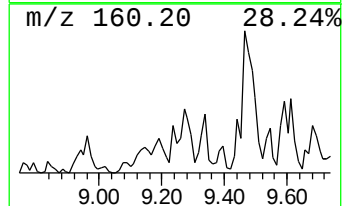
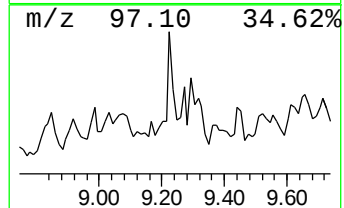
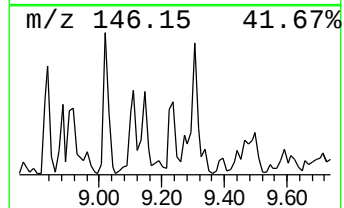
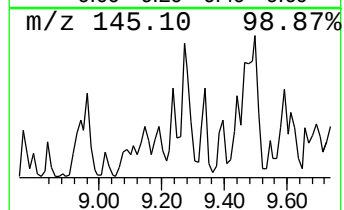
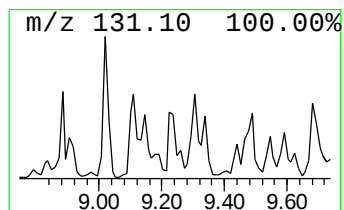
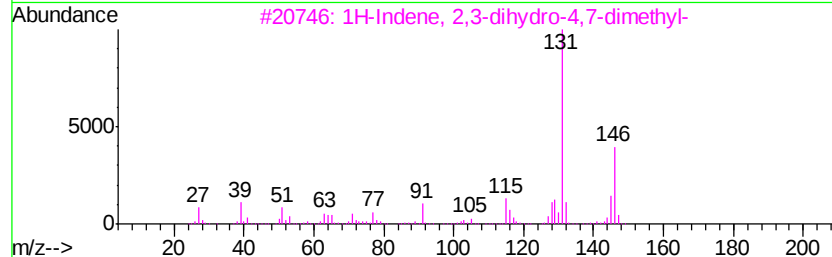
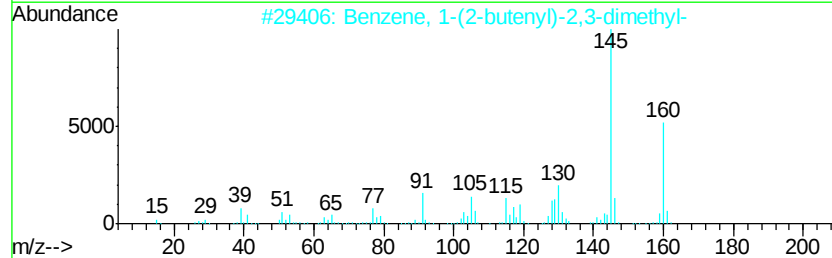
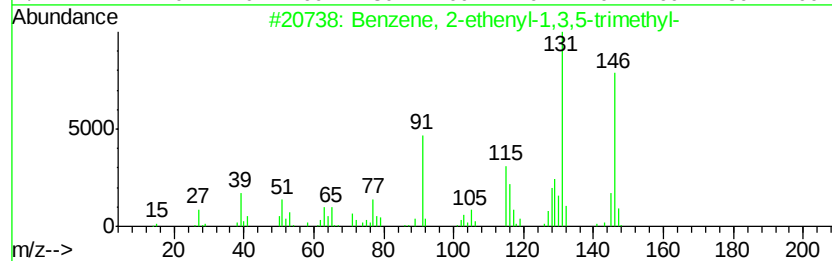
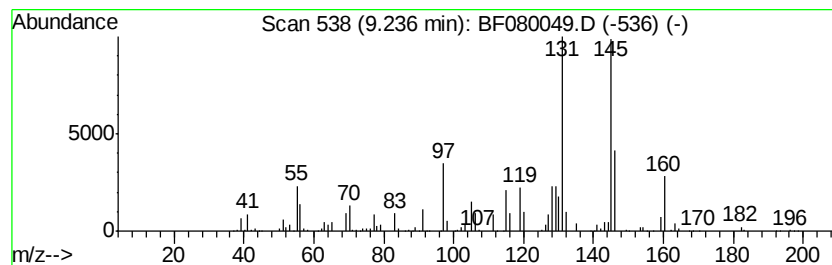
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	34.14 ng	3212150	Napthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	53
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	46
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	43
5		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

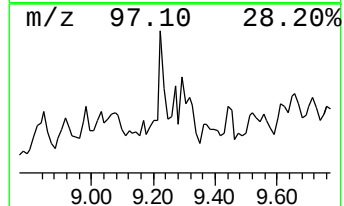
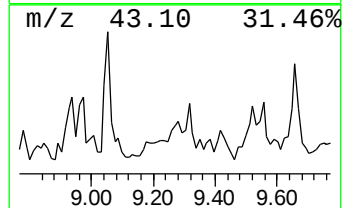
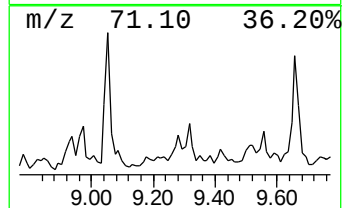
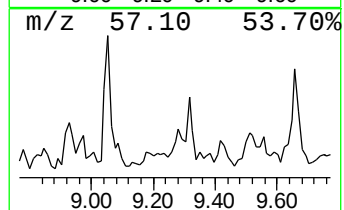
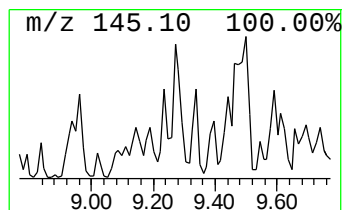
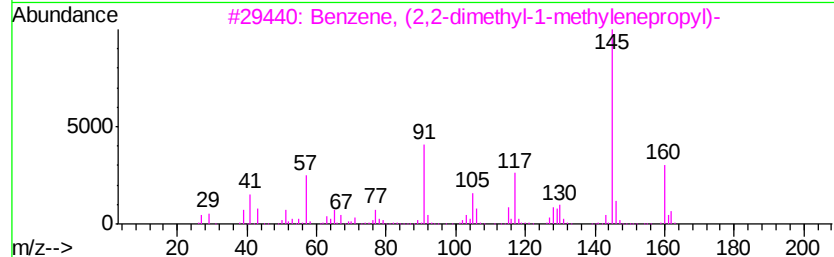
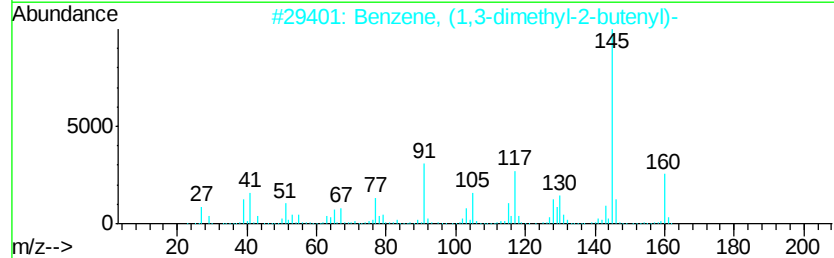
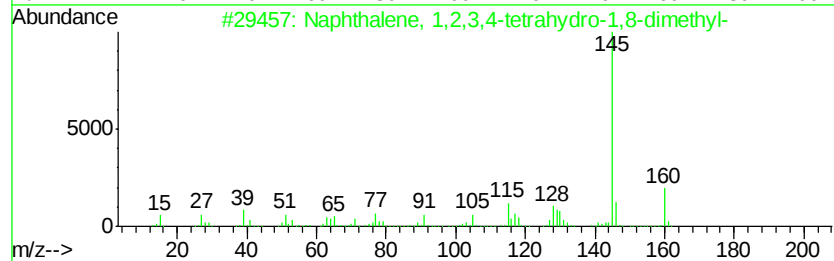
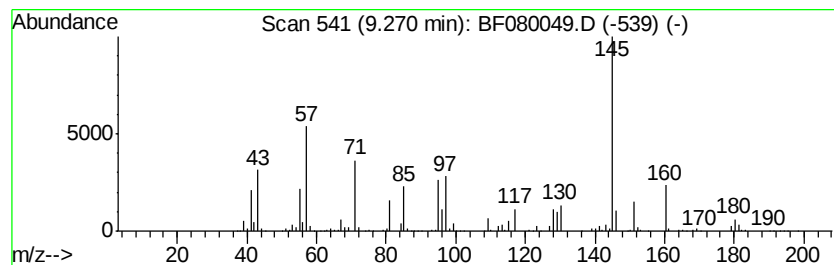
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	39.73 ng	3738120	Naphthalene-d8	8.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
2		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	58
3		Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	52
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	52
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

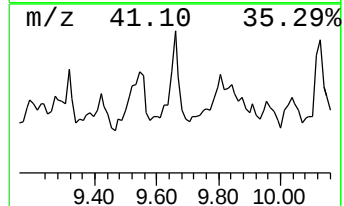
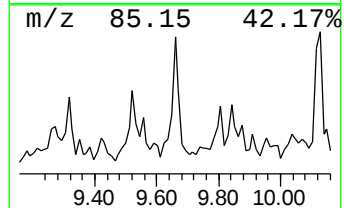
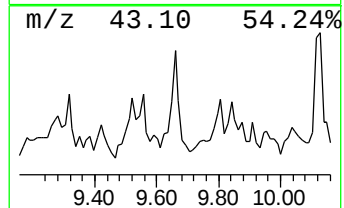
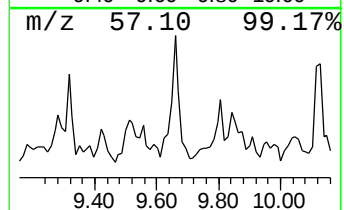
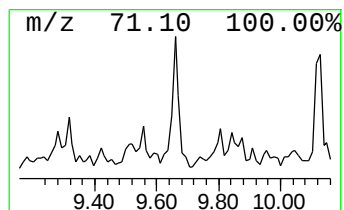
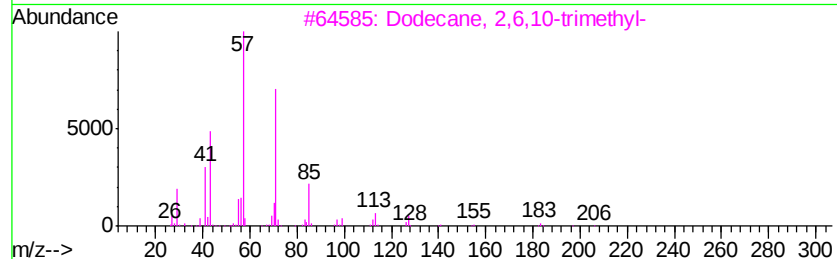
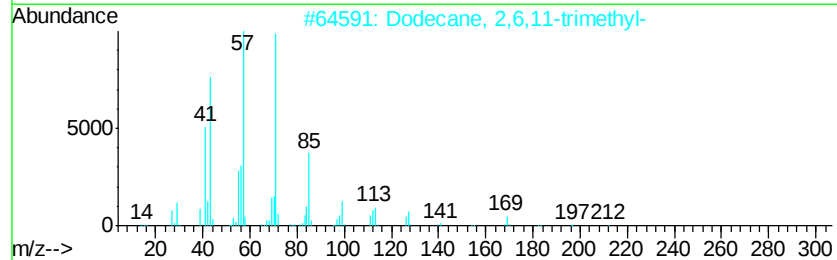
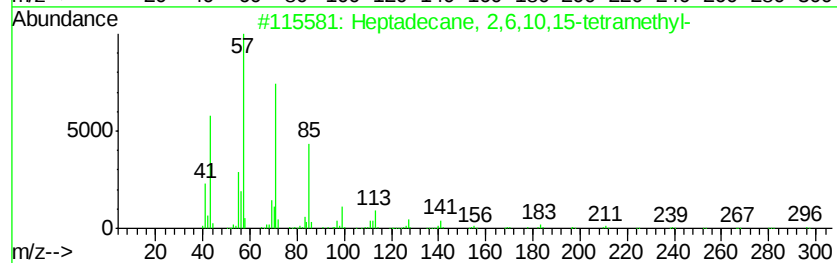
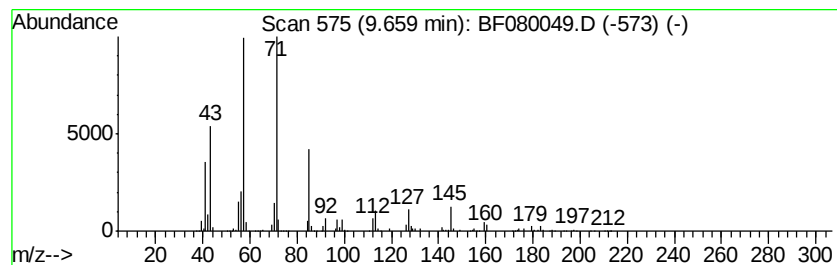
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	50.22 ng	7038920	Acenaphthene-d10	10.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44		054833-48-6	80
2	Dodecane, 2,6,11-trimethyl-	212	C15H32		031295-56-4	74
3	Dodecane, 2,6,10-trimethyl-	212	C15H32		003891-98-3	72
4	Decane, 5-propyl-	184	C13H28		017312-62-8	64
5	Undecane, 5-methyl-	170	C12H26		001632-70-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

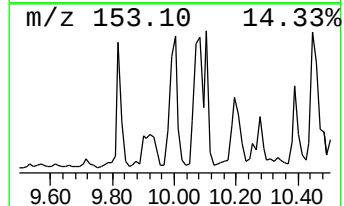
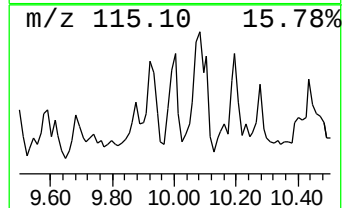
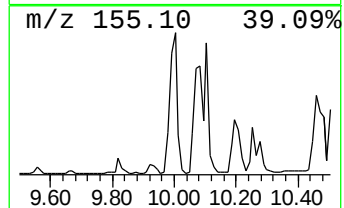
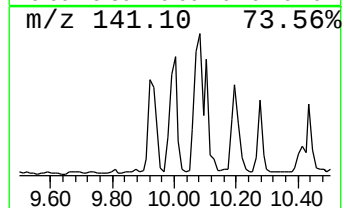
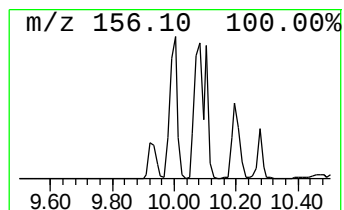
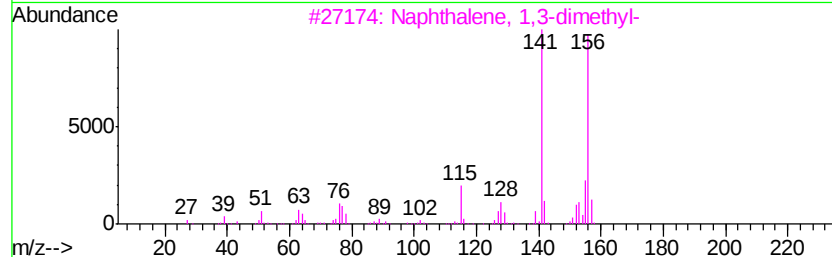
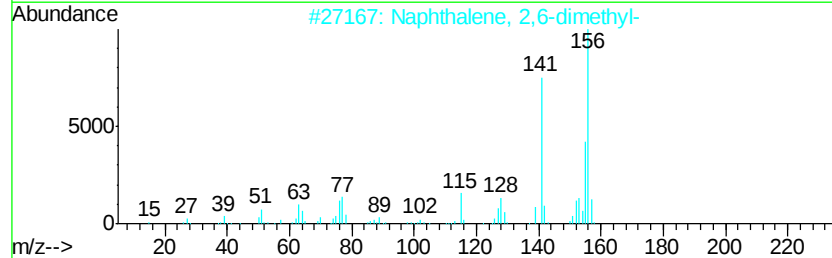
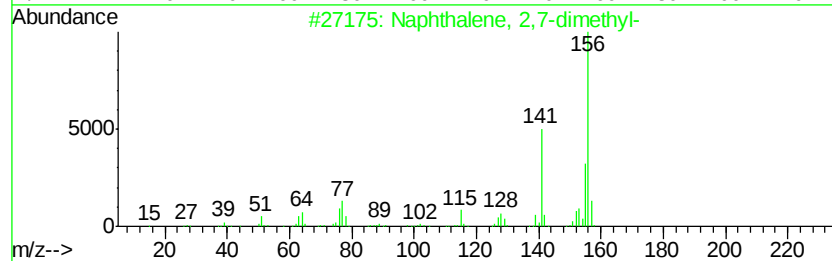
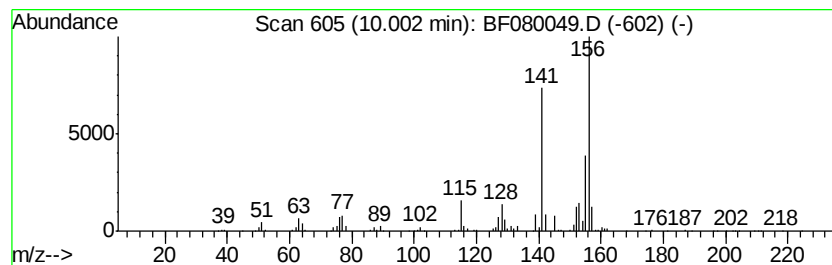
Instrument :
BNA_F
ClientSampleId :
W1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.00	41.02 ng	5749620	Acenaphthene-d10		10.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

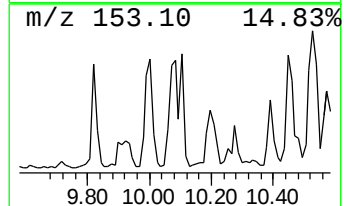
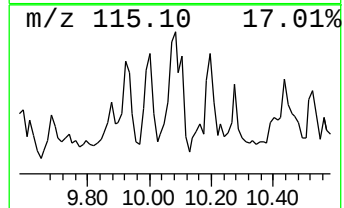
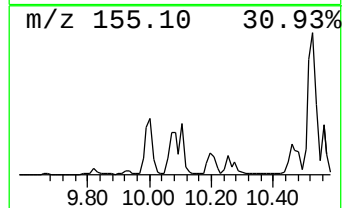
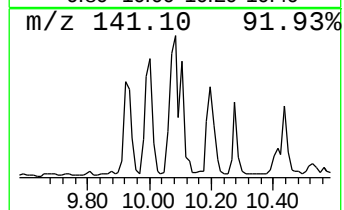
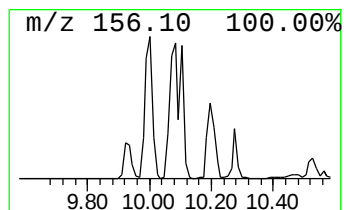
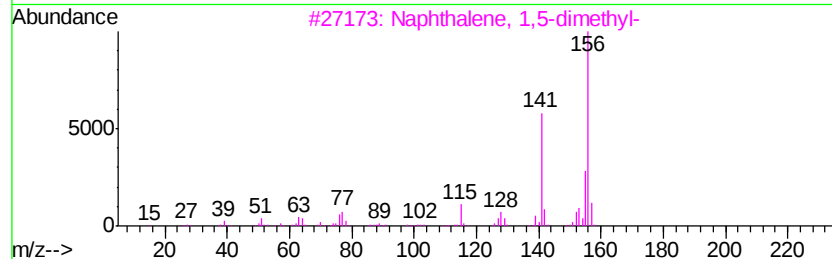
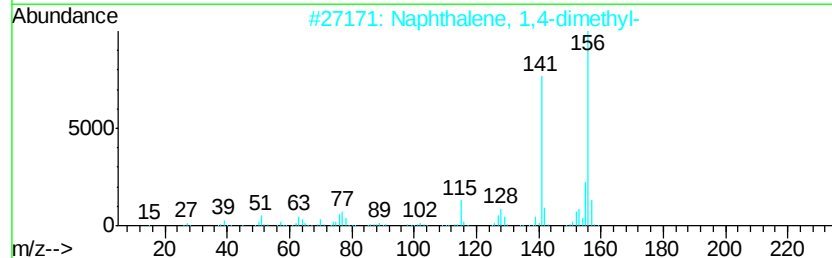
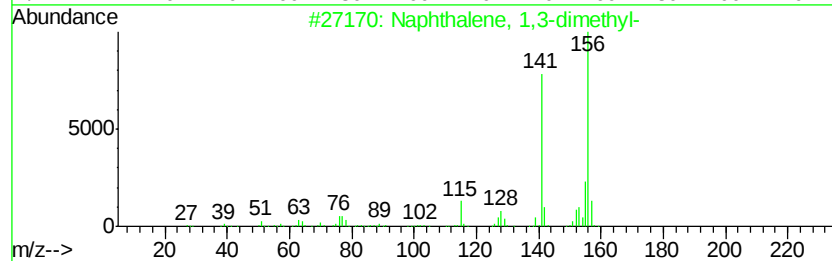
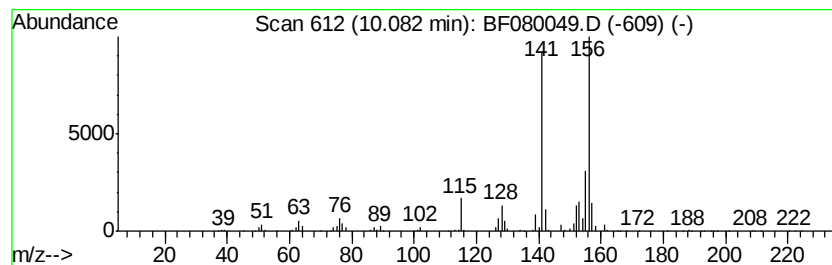
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	32.35 ng	4533870	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

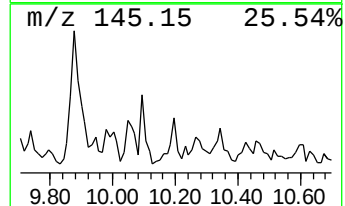
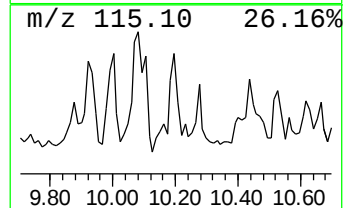
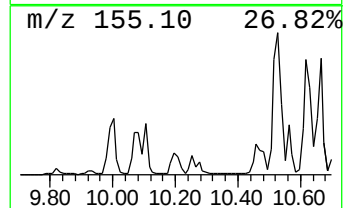
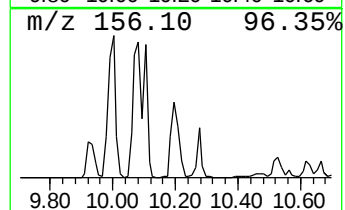
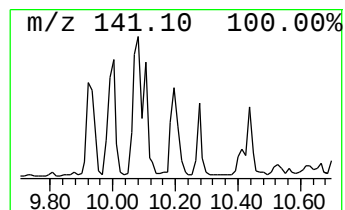
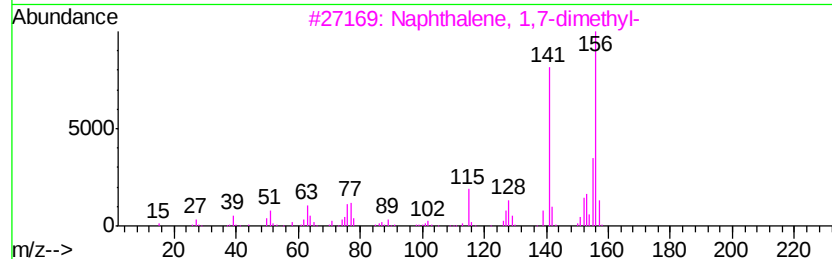
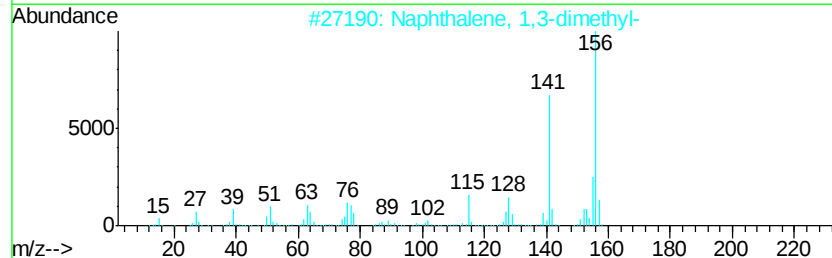
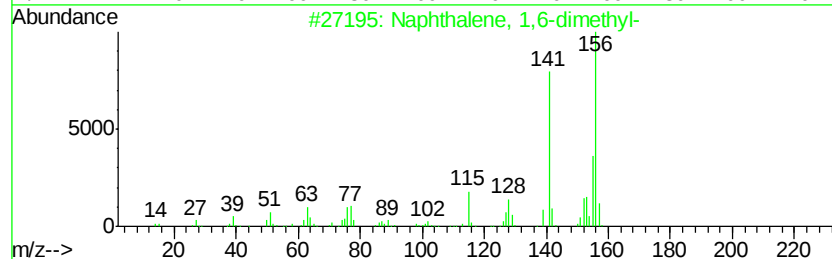
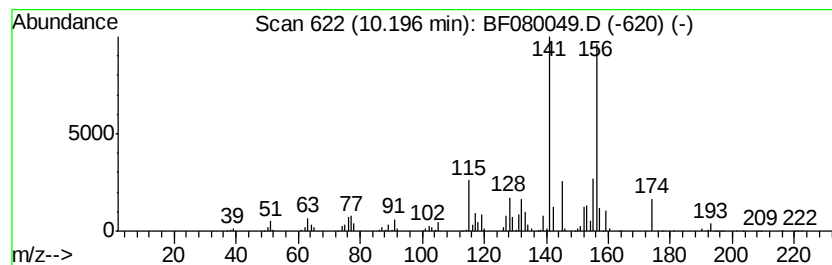
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	34.82 ng	4880800	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

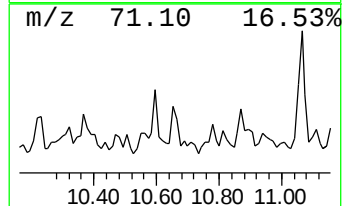
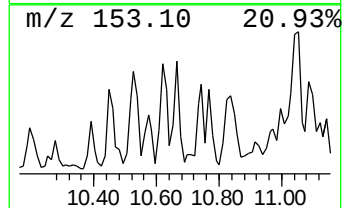
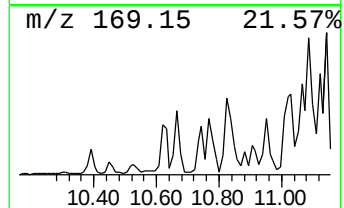
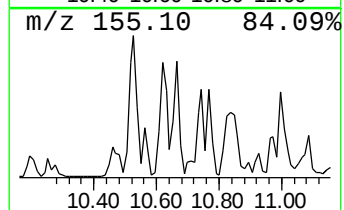
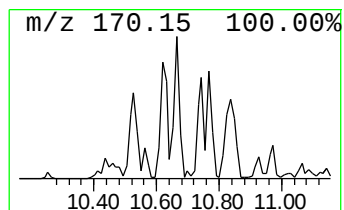
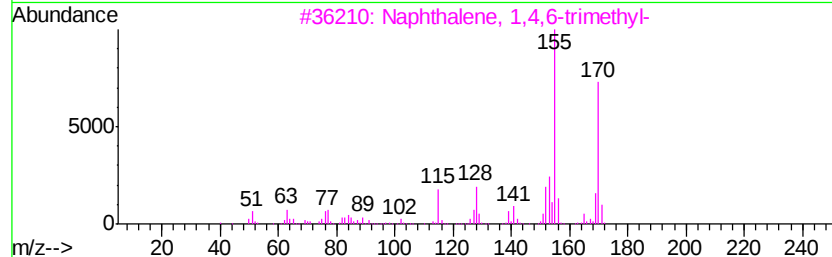
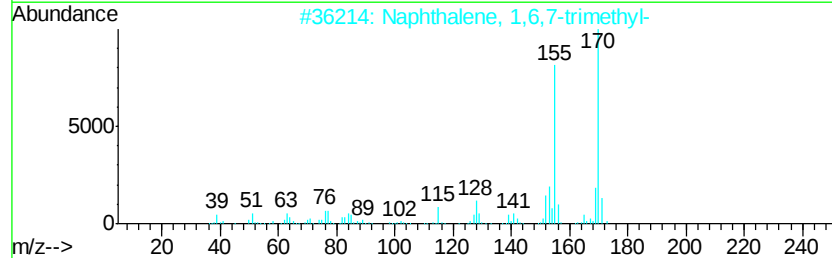
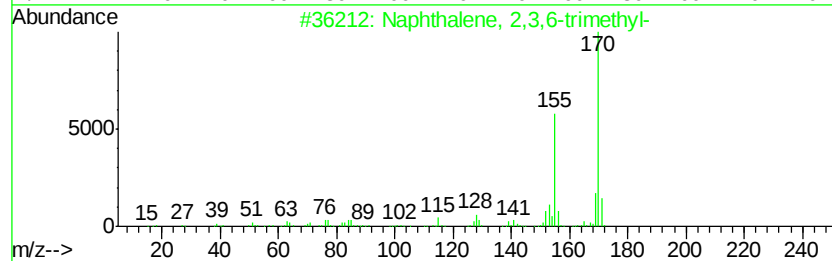
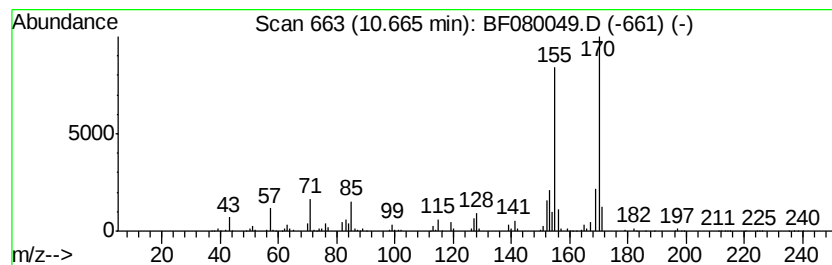
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	46.03 ng	6451900	Acenaphthene-d10	10.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

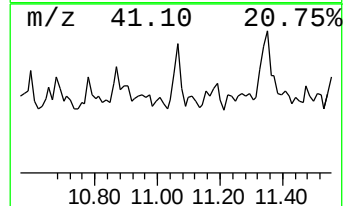
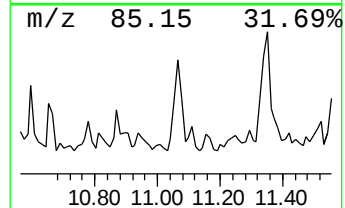
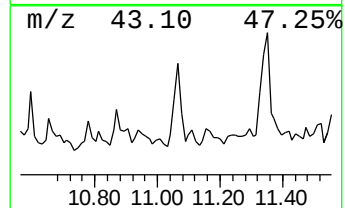
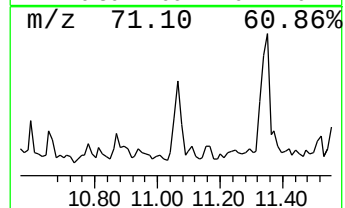
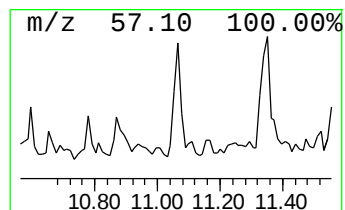
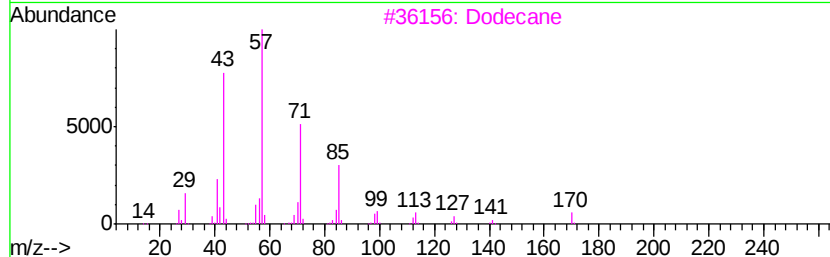
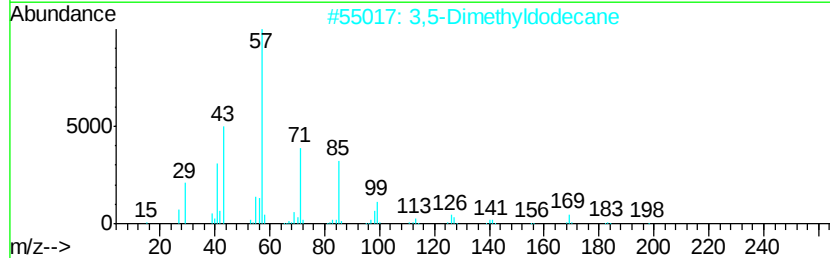
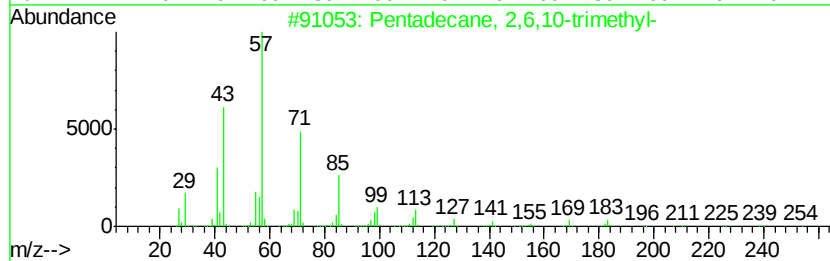
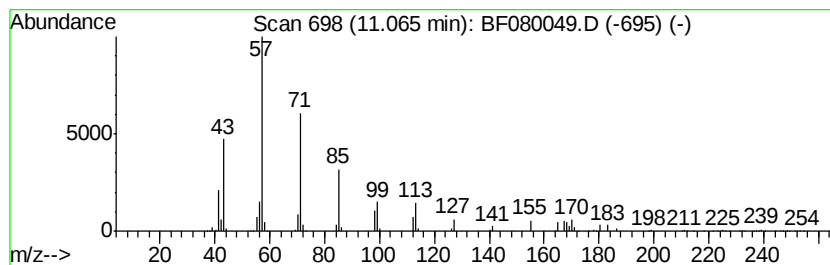
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	39.82 ng	5581840	Acenaphthene-d10	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
3		Dodecane	170	C12H26	000112-40-3	74
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
5		Heptacosane	380	C27H56	000593-49-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
Data File : BF080049.D
Acq On : 18 Jun 2015 17:04
Operator : TP/IZ
Sample : G2660-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W1

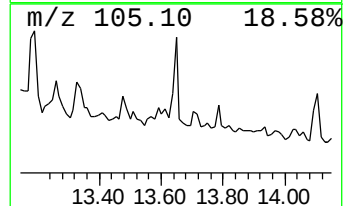
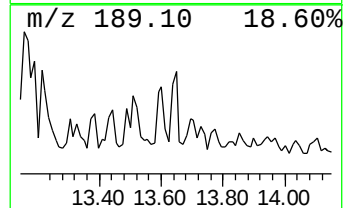
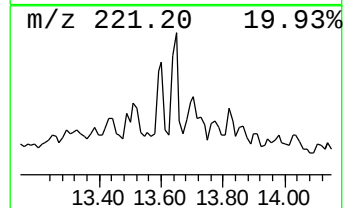
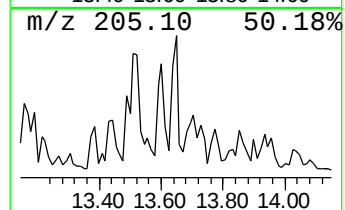
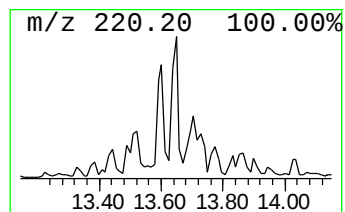
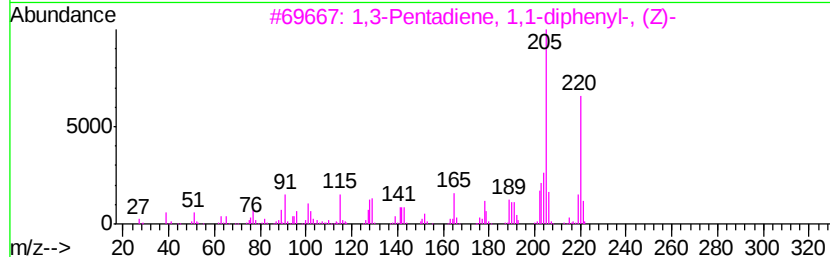
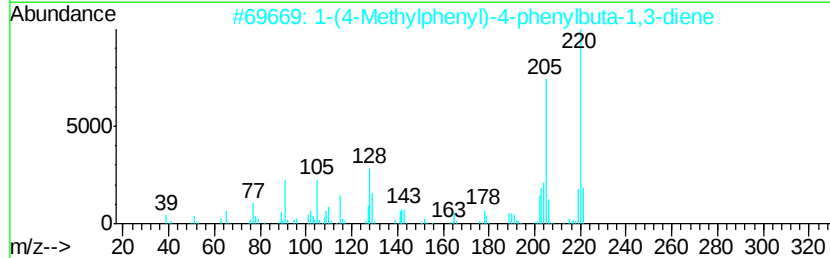
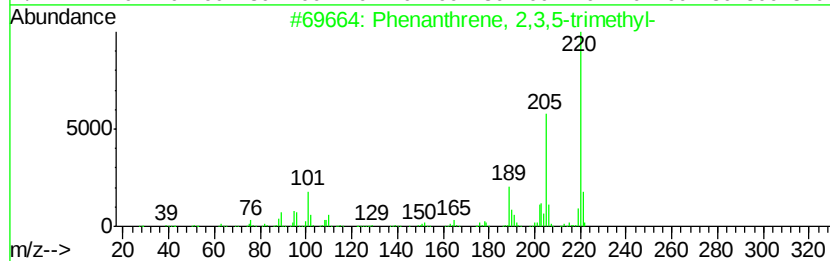
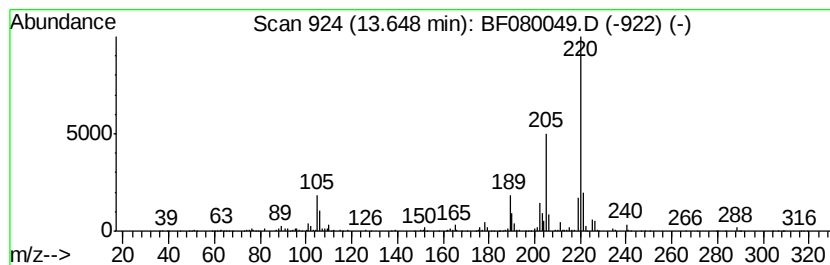
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	51.19 ng	1348890	Chrysene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	78
3		1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	72
4		1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59
5		Phenmethylnitrile, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080049.D
 Acq On : 18 Jun 2015 17:04
 Operator : TP/IZ
 Sample : G2660-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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
unknown8.04	8.04	35.6	ng	3353350	2	8.63	1881570	20.0
Decane, 3,7-dimet...	8.12	32.9	ng	3094250	2	8.63	1881570	20.0
Naphthalene, deca...	8.16	45.0	ng	4234700	2	8.63	1881570	20.0
unknown8.30	8.30	59.8	ng	5624150	2	8.63	1881570	20.0
1-Phenyl-1-butene	8.37	57.0	ng	5362870	2	8.63	1881570	20.0
4-Methylphenyl ac...	8.44	32.3	ng	3039210	2	8.63	1881570	20.0
unknown8.72	8.72	40.0	ng	3763640	2	8.63	1881570	20.0
unknown8.84	8.84	41.8	ng	3928900	2	8.63	1881570	20.0
Ethanone, 1-cyclo...	8.93	68.0	ng	6399670	2	8.63	1881570	20.0
Octane, 2,6-dimet...	9.05	80.0	ng	7525350	2	8.63	1881570	20.0
Benzene, 2-etheny...	9.24	34.1	ng	3212150	2	8.63	1881570	20.0
Naphthalene, 1,2,...	9.27	39.7	ng	3738120	2	8.63	1881570	20.0
Heptadecane, 2,6,...	9.66	50.2	ng	7038920	3	10.41	2803230	20.0
Naphthalene, 2,7-...	10.00	41.0	ng	5749620	3	10.41	2803230	20.0
Naphthalene, 1,3-...	10.08	32.4	ng	4533870	3	10.41	2803230	20.0
Naphthalene, 1,6-...	10.20	34.8	ng	4880800	3	10.41	2803230	20.0
Naphthalene, 2,3,...	10.66	46.0	ng	6451900	3	10.41	2803230	20.0
Pentadecane, 2,6,...	11.06	39.8	ng	5581840	3	10.41	2803230	20.0
Phenanthrene, 2,3...	13.65	51.2	ng	1348890	5	15.09	527035	20.0