

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016740.D
 Acq On : 27 Apr 2015 19:01
 Operator : TP/IZ
 Sample : G1925-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-14(9.5-10)

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-BG042315.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	4.685	333	340	347	rVB	185250	265252	9.84%	0.446%
2	5.167	412	422	431	rBV	748855	1089904	40.44%	1.833%
3	6.777	691	696	705	rVB	731672	1159570	43.03%	1.951%
4	7.112	747	753	763	rVB	832226	1352765	50.20%	2.276%
5	7.218	763	771	776	rBV2	117951	237107	8.80%	0.399%
6	7.470	807	814	821	rBV4	65963	189622	7.04%	0.319%
7	7.553	821	828	836	rVV2	277021	690806	25.63%	1.162%
8	7.852	871	879	881	rBV3	123139	259218	9.62%	0.436%
9	7.893	881	886	897	rVB	646181	1119504	41.54%	1.883%
10	8.117	917	924	928	rVB2	181802	398526	14.79%	0.670%
11	8.228	935	943	947	rBV3	231433	563220	20.90%	0.947%
12	8.334	956	961	964	rBV	217788	323557	12.01%	0.544%
13	8.381	964	969	974	rVV2	129760	318384	11.81%	0.536%
14	8.446	975	980	988	rVB6	63408	167335	6.21%	0.281%
15	8.522	988	993	997	rBV	107658	194842	7.23%	0.328%
16	8.575	997	1002	1007	rVB	124561	205173	7.61%	0.345%
17	8.675	1015	1019	1023	rVB2	241860	354574	13.16%	0.596%
18	8.734	1024	1029	1038	rVV2	427942	820870	30.46%	1.381%
19	8.880	1049	1054	1056	rBV3	123829	203041	7.53%	0.342%
20	8.922	1056	1061	1066	rVB4	233326	490663	18.21%	0.825%
21	9.010	1066	1076	1078	rBV5	121838	314314	11.66%	0.529%
22	9.051	1080	1083	1091	rVB4	102674	217891	8.09%	0.367%
23	9.210	1104	1110	1114	rVV3	193343	370084	13.73%	0.623%
24	9.262	1114	1119	1126	rVV3	217499	547868	20.33%	0.922%
25	9.450	1144	1151	1154	rBV4	120543	241353	8.96%	0.406%
26	9.492	1154	1158	1162	rVV4	157662	281874	10.46%	0.474%
27	9.539	1162	1166	1169	rBV2	134395	189606	7.04%	0.319%
28	9.621	1175	1180	1181	rBV2	155535	212777	7.90%	0.358%
29	9.644	1181	1184	1188	rVB	231785	309896	11.50%	0.521%
30	9.715	1191	1196	1200	rBV2	311600	475880	17.66%	0.800%
31	9.768	1200	1205	1207	rBV3	246468	443201	16.45%	0.746%
32	9.826	1213	1215	1222	rVB2	215138	305345	11.33%	0.514%
33	9.897	1222	1227	1230	rBV	265740	430542	15.98%	0.724%
34	9.944	1232	1235	1240	rVV3	187544	298372	11.07%	0.502%

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.991	1240	1243	1250	rVB2	190587	272900	10.13%	0.459%
36	10.061	1250	1255	1258	rBV	145072	254936	9.46%	0.429%
37	10.144	1264	1269	1273	rVB4	112164	179579	6.66%	0.302%
38	10.226	1278	1283	1285	rBV3	98464	162978	6.05%	0.274%
39	10.261	1285	1289	1295	rBV5	96418	195129	7.24%	0.328%
40	10.355	1295	1305	1310	rVB2	414378	1086577	40.32%	1.828%
41	10.408	1310	1314	1316	rBV3	171489	253271	9.40%	0.426%
42	10.473	1321	1325	1329	rVV	230914	350190	12.99%	0.589%
43	10.526	1329	1334	1339	rVB	633182	900515	33.41%	1.515%
44	10.584	1339	1344	1351	rVB2	163040	290473	10.78%	0.489%
45	10.649	1351	1355	1361	rVB5	129850	236346	8.77%	0.398%
46	10.737	1361	1370	1371	rBV5	105664	211981	7.87%	0.357%
47	10.825	1381	1385	1386	rBV	161556	194746	7.23%	0.328%
48	10.937	1399	1404	1407	rBV3	107336	165422	6.14%	0.278%
49	11.025	1414	1419	1421	rBV4	173842	303035	11.24%	0.510%
50	11.060	1421	1425	1428	rVV2	188035	269647	10.01%	0.454%
51	11.125	1433	1436	1442	rVB3	190081	337327	12.52%	0.567%
52	11.201	1443	1449	1455	rBV5	352375	654783	24.30%	1.101%
53	11.272	1455	1461	1468	rVB4	305125	637092	23.64%	1.072%
54	11.389	1475	1481	1490	rBV3	849937	1763774	65.45%	2.967%
55	11.466	1491	1494	1500	rVB2	168142	296872	11.02%	0.499%
56	11.554	1501	1509	1517	rVB4	493032	930810	34.54%	1.566%
57	11.642	1517	1524	1529	rBV3	190901	421258	15.63%	0.709%
58	11.783	1540	1548	1550	rBV3	121005	299399	11.11%	0.504%
59	11.918	1568	1571	1577	rVB2	289504	492918	18.29%	0.829%
60	12.030	1577	1590	1596	rVB3	656398	1687644	62.62%	2.839%
61	12.253	1622	1628	1631	rBV2	363617	682136	25.31%	1.147%
62	12.288	1631	1634	1639	rVV3	387100	573095	21.27%	0.964%
63	12.435	1652	1659	1663	rBV5	218650	440120	16.33%	0.740%
64	12.482	1663	1667	1674	rVB4	267620	579641	21.51%	0.975%
65	12.547	1674	1678	1681	rBV2	272680	394146	14.63%	0.663%
66	12.705	1701	1705	1708	rBV2	237663	383860	14.24%	0.646%
67	12.764	1710	1715	1720	rVV3	950684	1477851	54.84%	2.486%
68	12.846	1724	1729	1734	rVB	1336375	1869496	69.37%	3.145%
69	12.999	1749	1755	1757	rBV2	227059	357975	13.28%	0.602%
70	13.029	1757	1760	1764	rVV4	183850	268729	9.97%	0.452%
71	13.070	1764	1767	1771	rVV3	159674	196718	7.30%	0.331%

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72	13.164	1776	1783	1789	rVB5	269731	651346	24.17%	1.096%
73	13.217	1789	1792	1796	rBV3	200464	263313	9.77%	0.443%
74	13.387	1815	1821	1823	rBV	481532	805307	29.88%	1.355%
75	13.551	1843	1849	1852	rVV	575555	1115488	41.39%	1.876%
76	13.598	1855	1857	1861	rVB	460904	612342	22.72%	1.030%
77	13.716	1869	1877	1881	rBV3	1094862	1873456	69.52%	3.151%
78	13.787	1886	1889	1892	rVB2	129325	163876	6.08%	0.276%
79	13.951	1914	1917	1921	rVB3	145361	196481	7.29%	0.331%
80	14.051	1931	1934	1942	rVB5	225233	459799	17.06%	0.773%
81	14.227	1954	1964	1970	rBV5	584878	1523905	56.55%	2.563%
82	14.445	1996	2001	2009	rVB	284245	751226	27.87%	1.264%
83	14.633	2030	2033	2039	rVB3	459191	641967	23.82%	1.080%
84	14.709	2042	2046	2050	rVB	356940	456100	16.92%	0.767%
85	14.756	2050	2054	2064	rVB4	331801	672869	24.97%	1.132%
86	14.856	2066	2071	2074	rBV2	293738	553930	20.55%	0.932%
87	15.009	2093	2097	2102	rBV4	162359	348596	12.93%	0.586%
88	15.056	2102	2105	2111	rVB4	220736	332255	12.33%	0.559%
89	15.273	2137	2142	2146	rBV3	256505	423695	15.72%	0.713%
90	15.326	2146	2151	2155	rVV4	184603	353336	13.11%	0.594%
91	15.490	2175	2179	2186	rVB	934591	1380183	51.21%	2.322%
92	15.725	2215	2219	2226	rVB2	865231	1285625	47.70%	2.163%
93	15.790	2226	2230	2233	rBV2	161740	237969	8.83%	0.400%
94	15.972	2255	2261	2266	rBV	1760355	2694983	100.00%	4.533%
95	16.789	2396	2400	2409	rVB	881436	1483847	55.06%	2.496%
96	16.977	2427	2432	2436	rBV2	586980	871715	32.35%	1.466%
97	17.394	2500	2503	2509	rVB3	241837	355626	13.20%	0.598%
98	17.882	2583	2586	2596	rVB3	405044	660862	24.52%	1.112%
99	19.562	2869	2872	2876	rBV2	385127	626678	23.25%	1.054%
100	19.609	2876	2880	2886	rVB	1882389	2535260	94.07%	4.265%

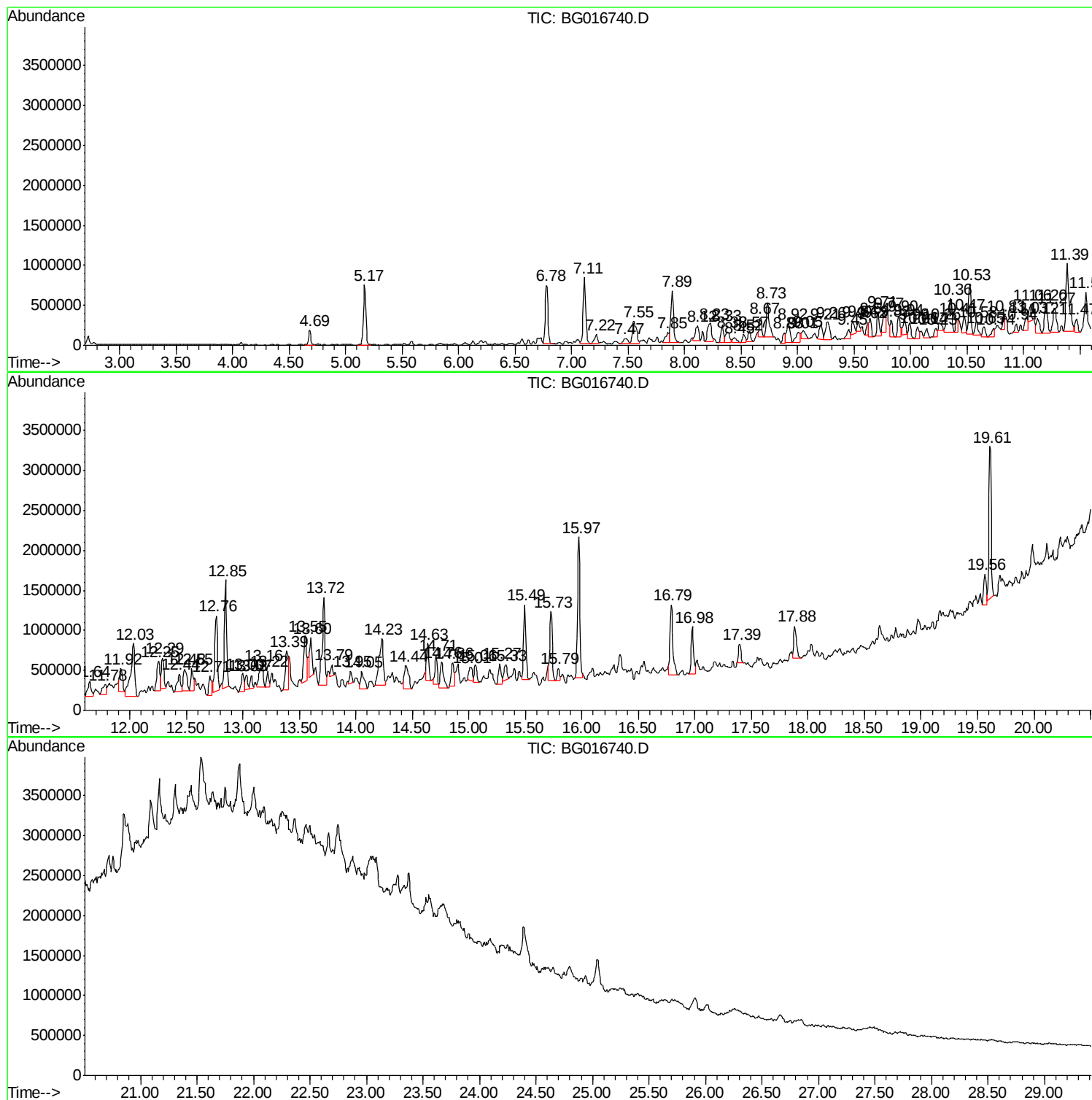
Sum of corrected areas: 59448340

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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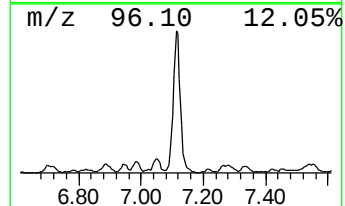
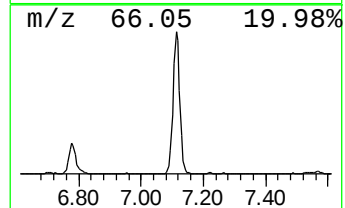
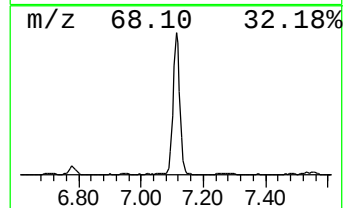
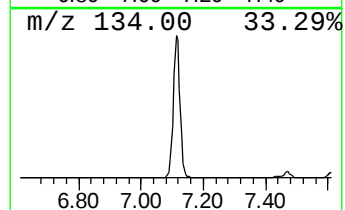
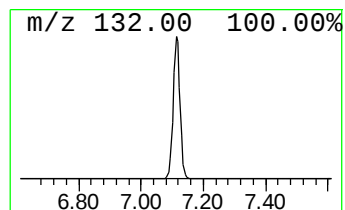
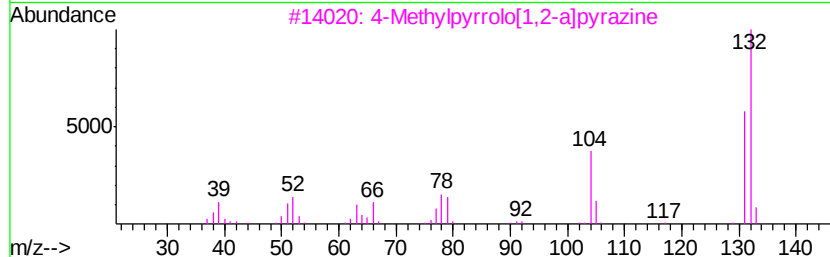
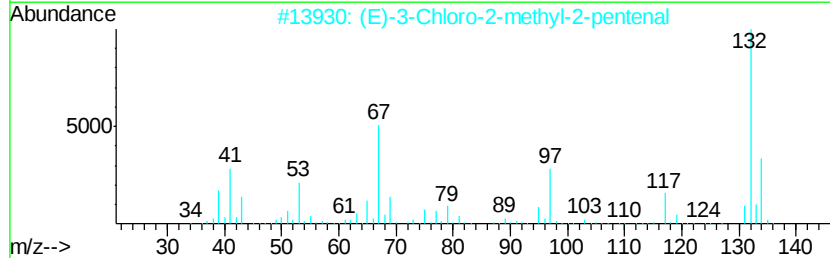
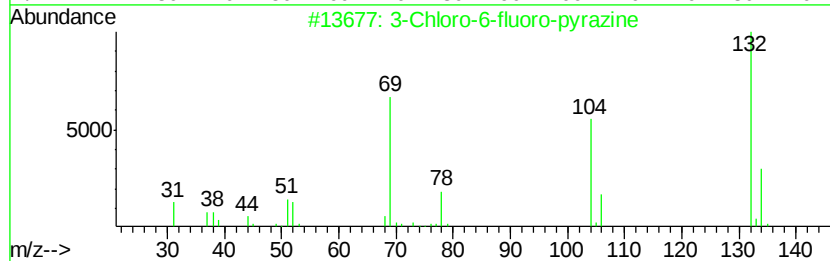
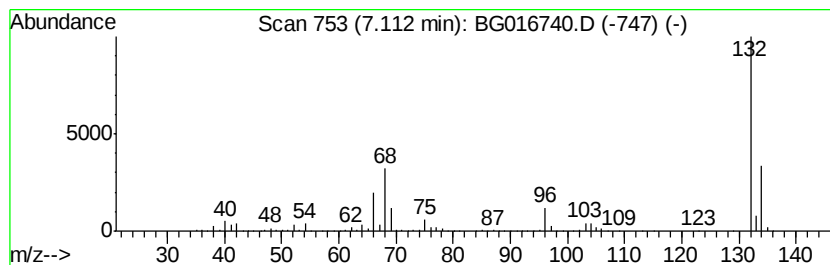
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	39.16 ng	1352770	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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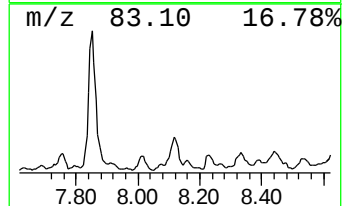
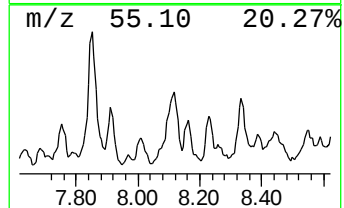
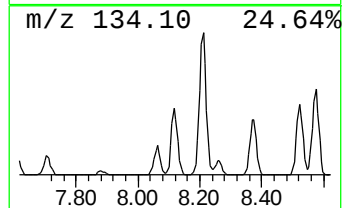
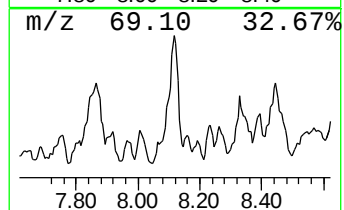
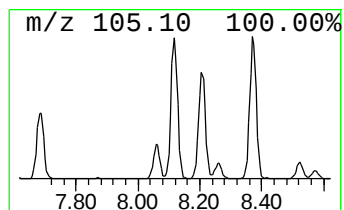
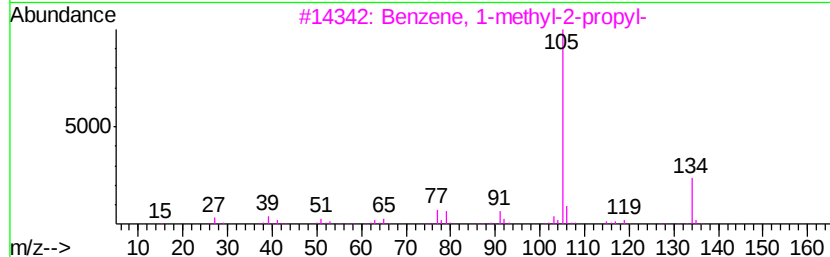
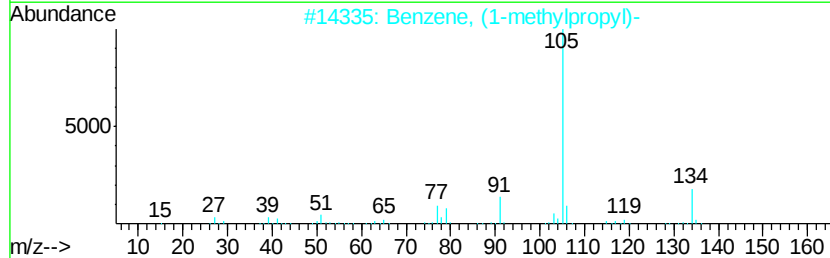
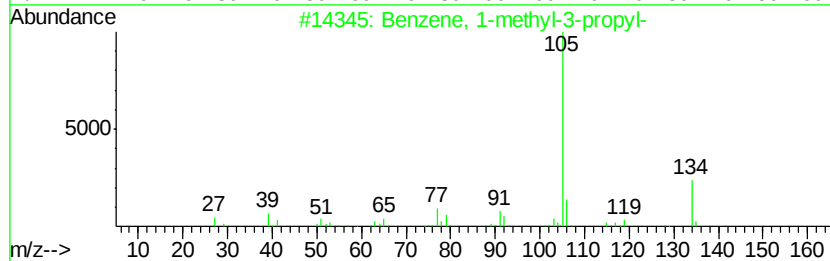
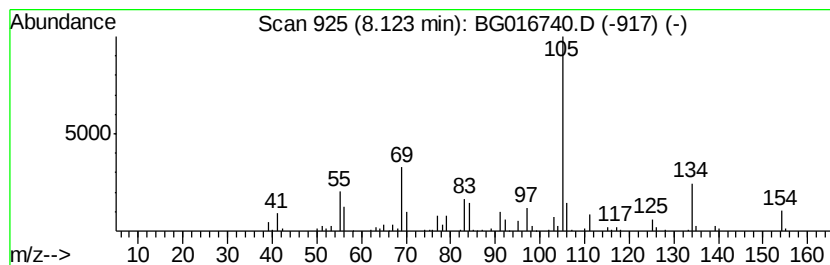
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 17

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8.12	11.54 ng	398526	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
5		3,3-Dimethyl-4-(N-(2-methylbenzy...	219	C14H21NO	1000145-29-4	43



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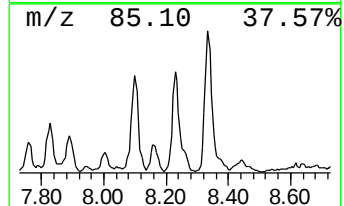
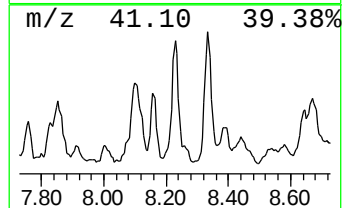
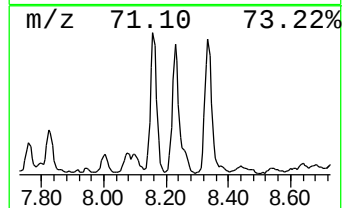
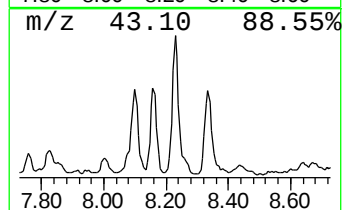
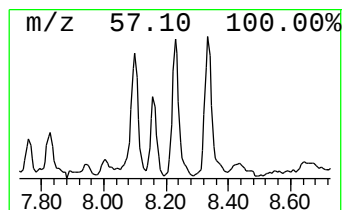
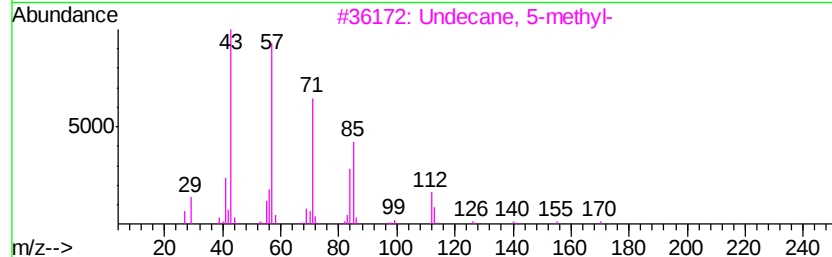
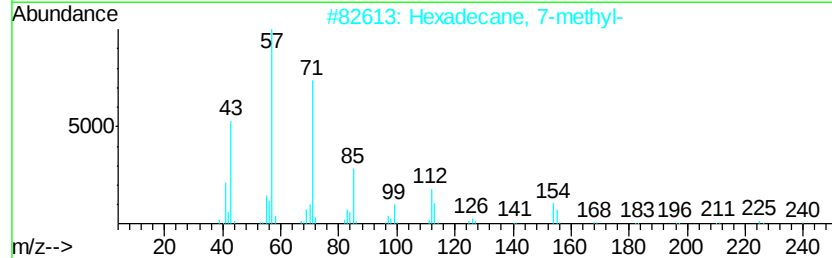
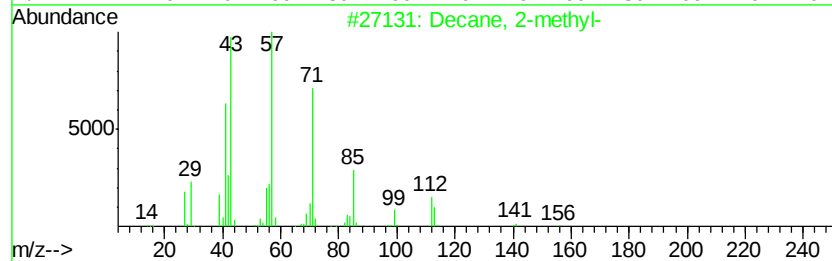
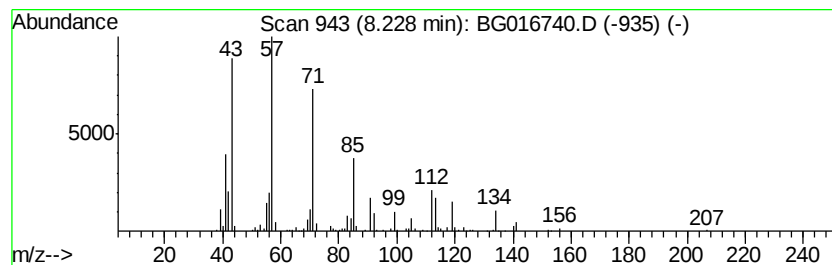
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	16.31 ng	563220	1,4-Dichlorobenzene-d4	7.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	93	
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64	
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64	
4	Dodecane	170	C12H26	000112-40-3	59	
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-14(9.5-10)

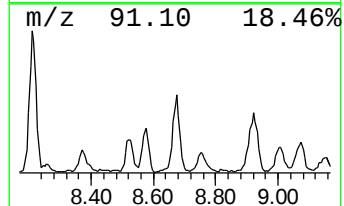
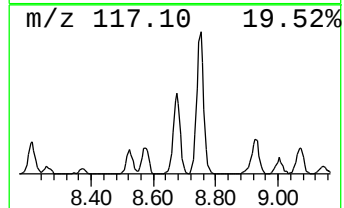
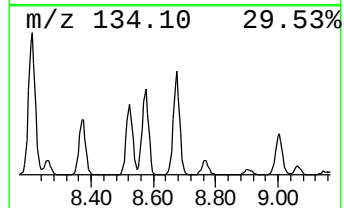
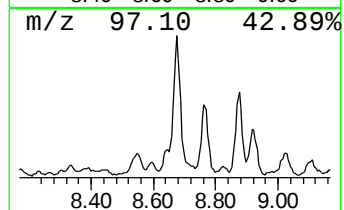
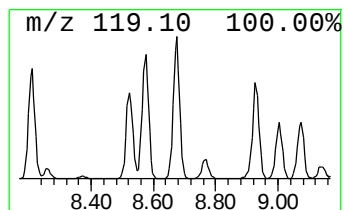
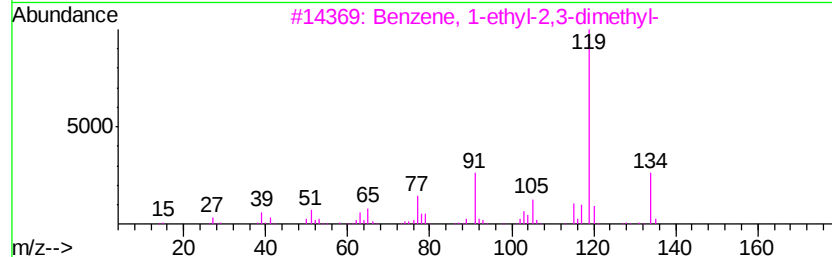
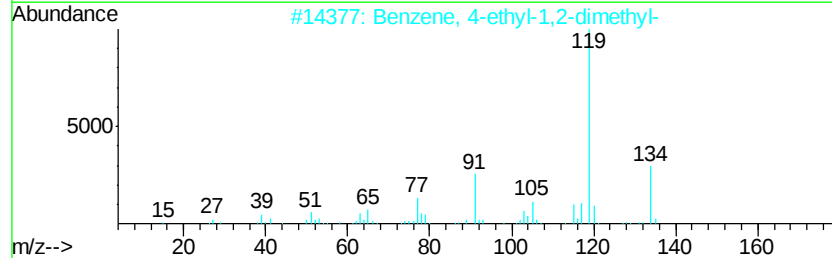
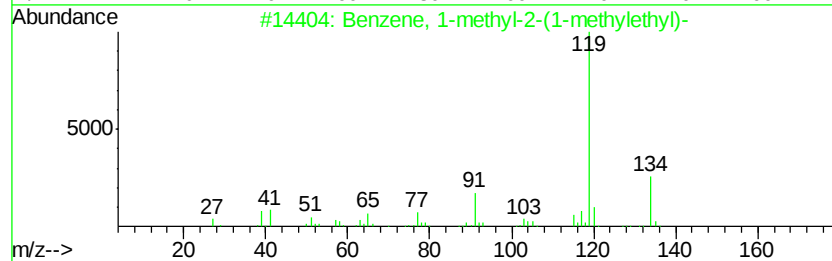
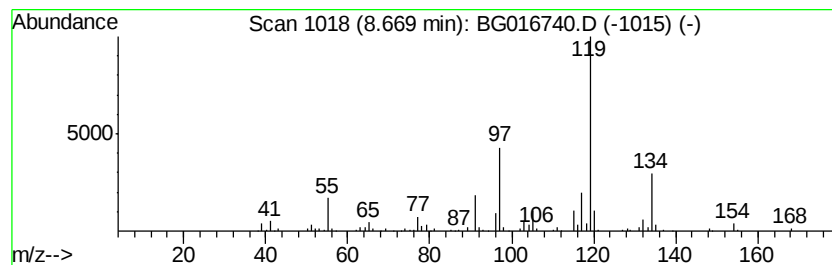
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-2-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	10.27 ng	354574	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	68
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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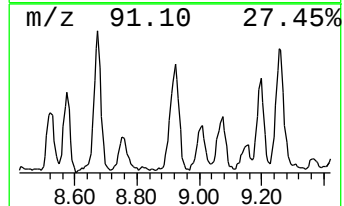
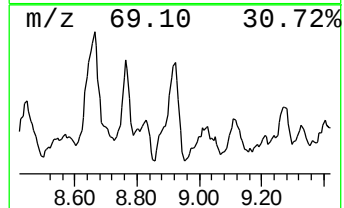
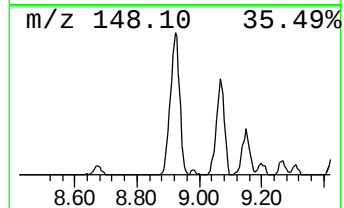
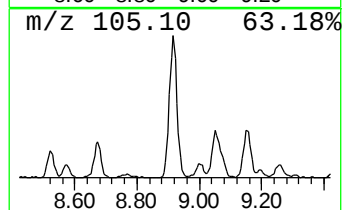
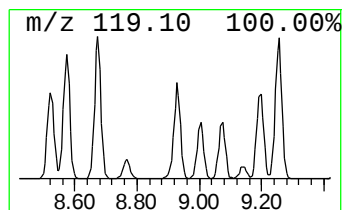
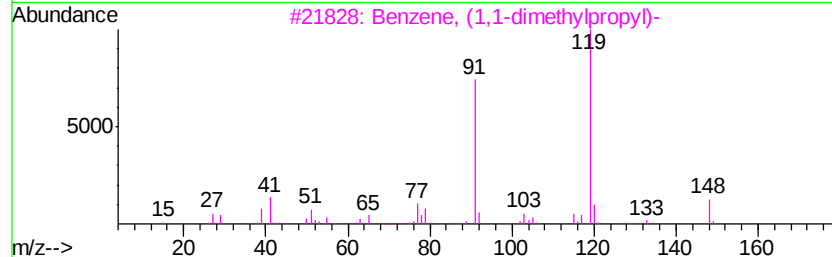
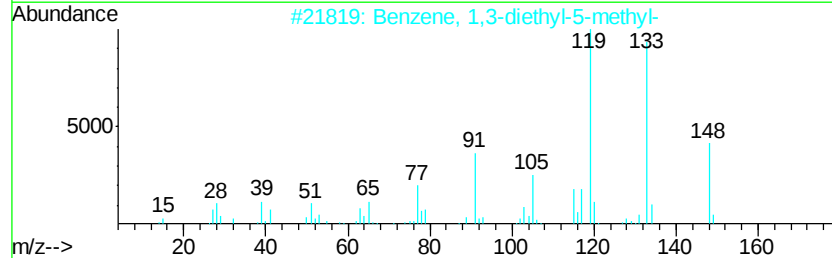
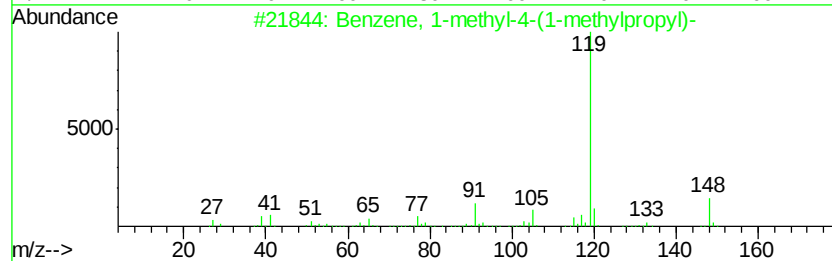
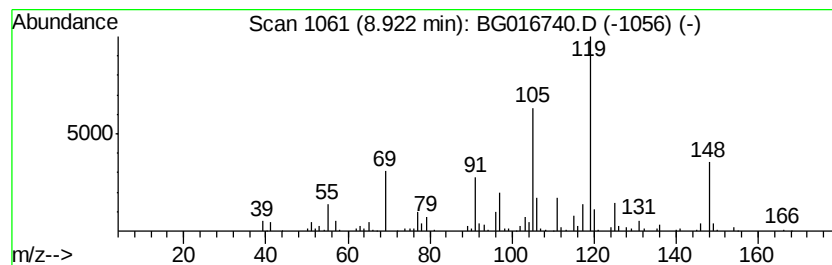
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	14.21 ng	490663	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	47
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

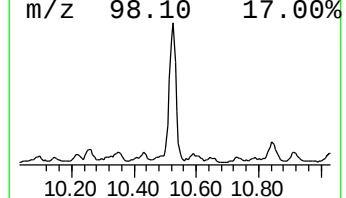
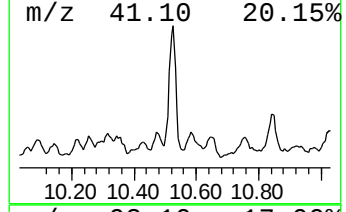
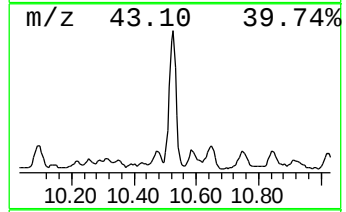
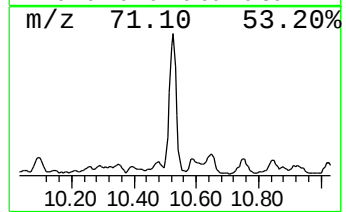
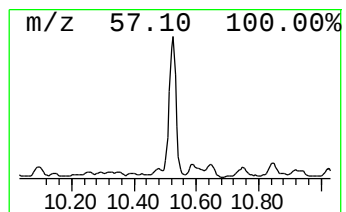
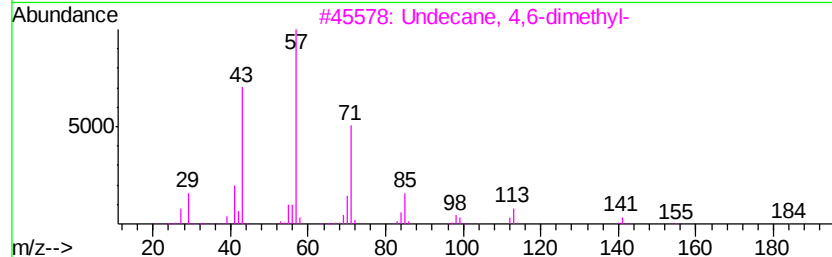
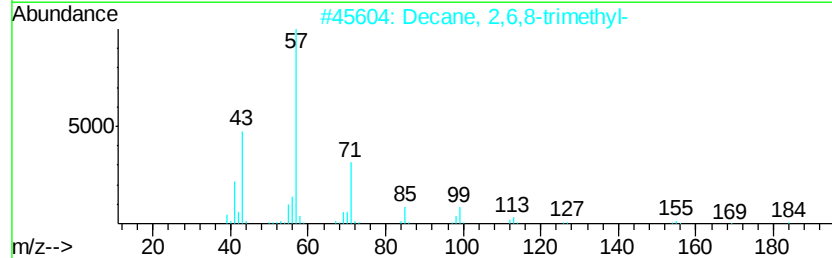
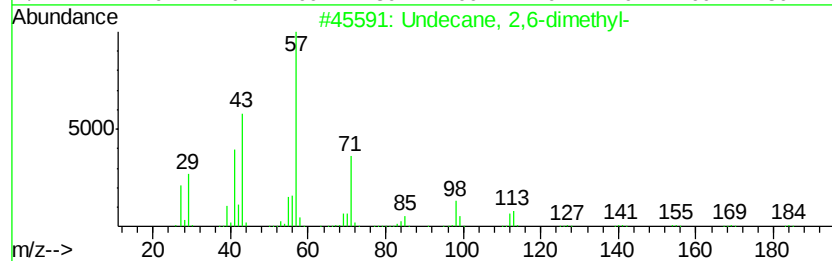
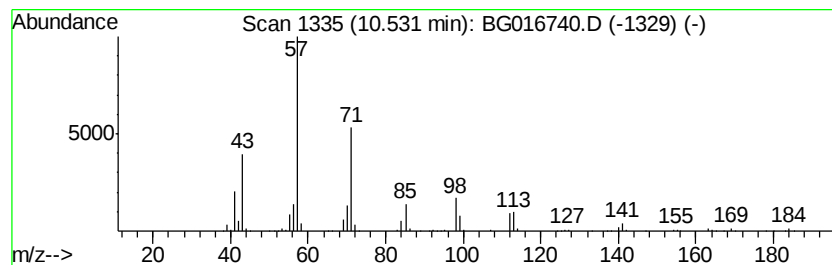
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	16.58 ng	900515	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	91
2	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	86
3	Undecane, 4,6-dimethyl-	184 C13H28	017312-82-2	78
4	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	70
5	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
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Sample : G1925-07
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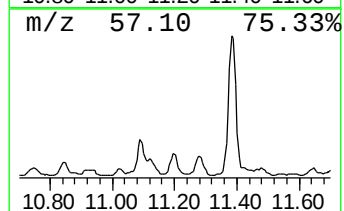
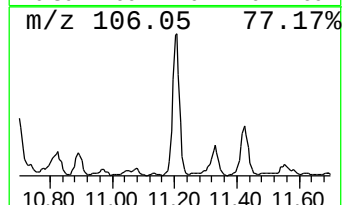
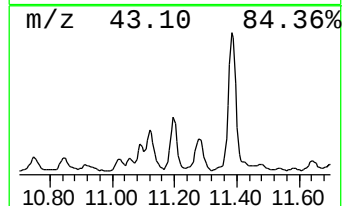
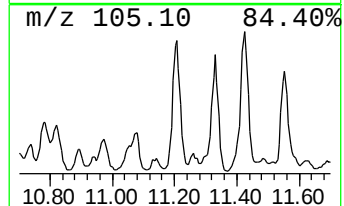
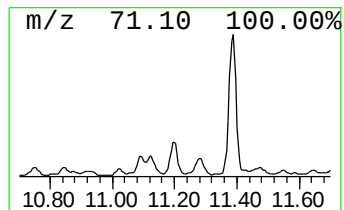
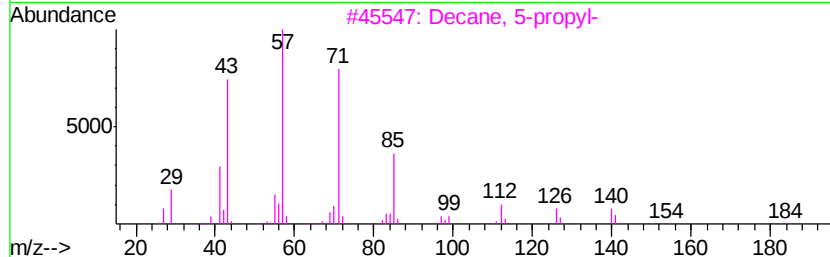
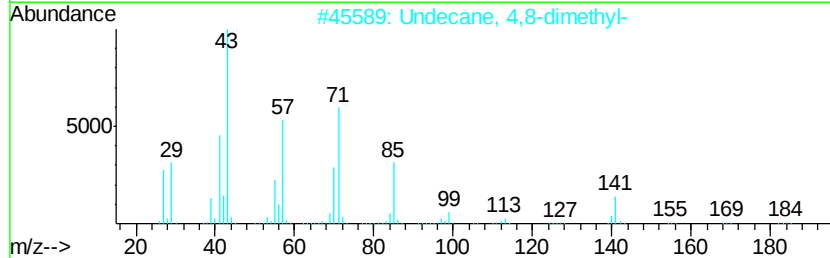
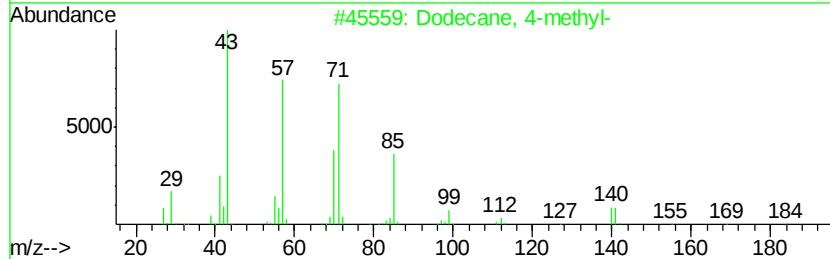
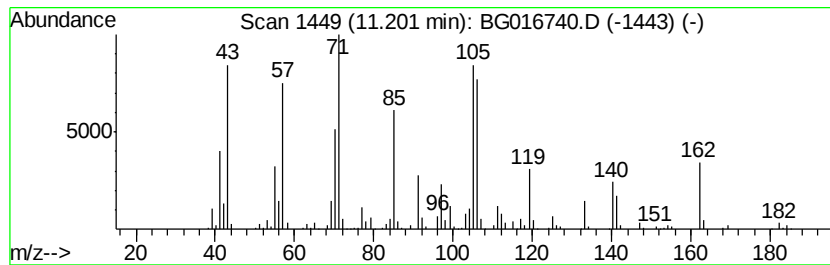
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AS-14(9.5-10)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	12.05 ng	654783	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 4-methyl-	184 C13H28	006117-97-1	55
2	Undecane, 4,8-dimethyl-	184 C13H28	017301-33-6	38
3	Decane, 5-propyl-	184 C13H28	017312-62-8	35
4	Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6	35
5	1,1-Dimethylpropyl 2-ethylhexanoate	214 C13H26O2	1000099-99-2	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AS-14(9.5-10)

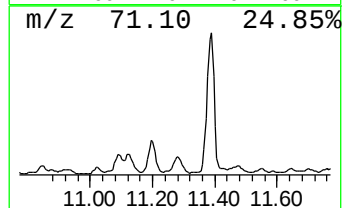
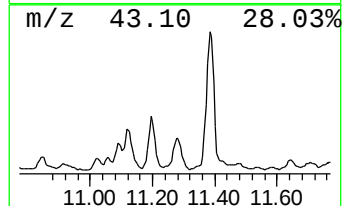
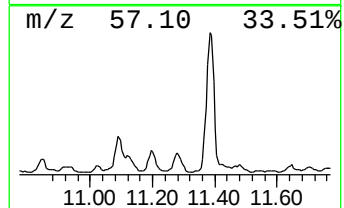
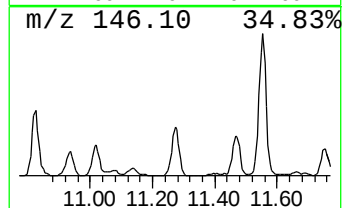
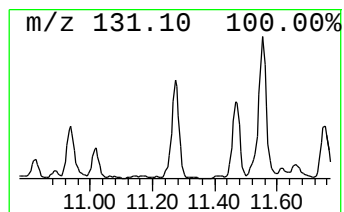
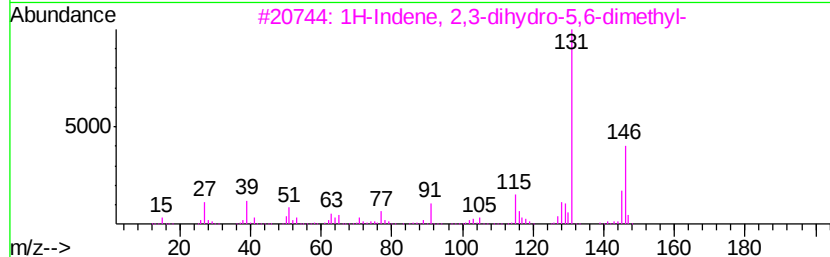
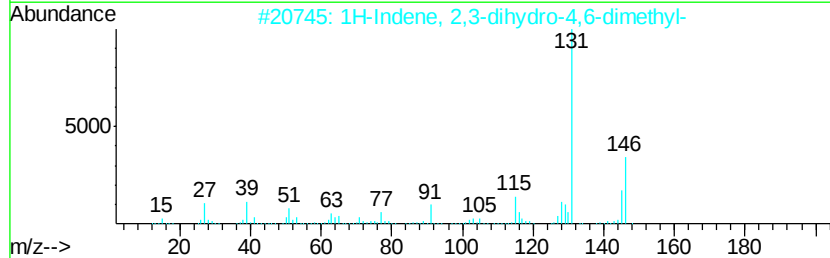
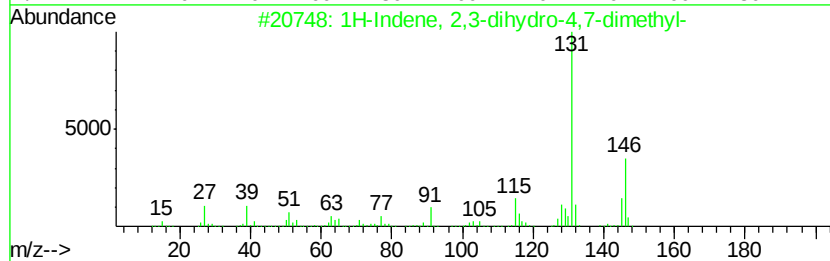
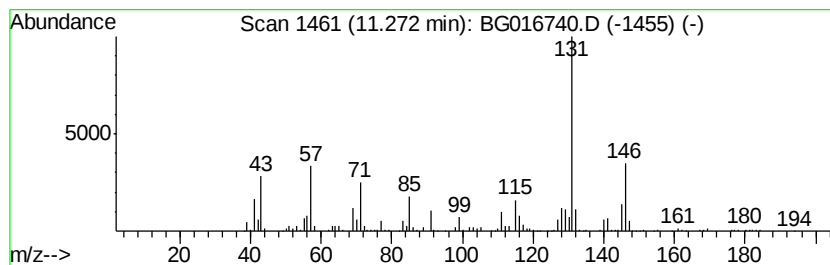
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	11.73 ng	637092	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	92
3		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	86
4		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	76
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
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ClientSampleId :
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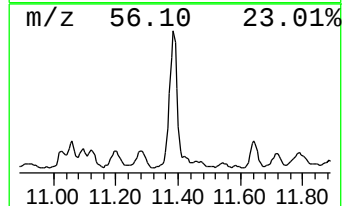
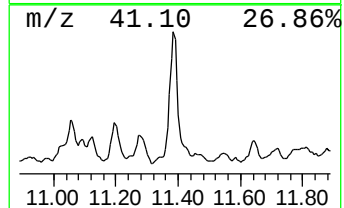
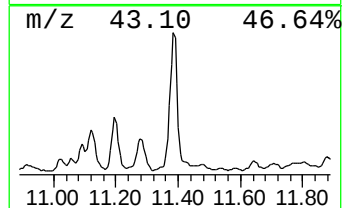
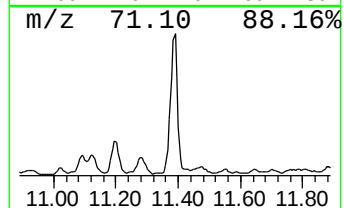
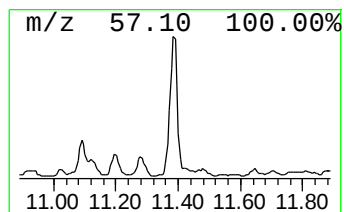
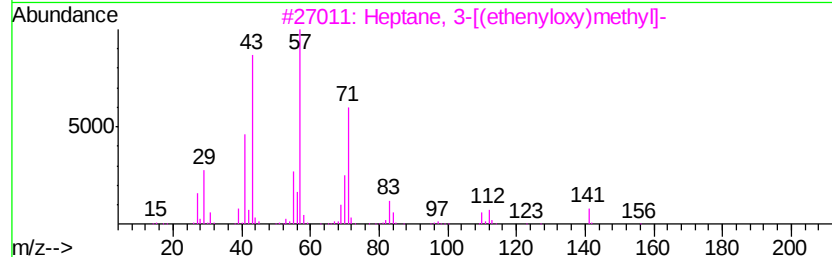
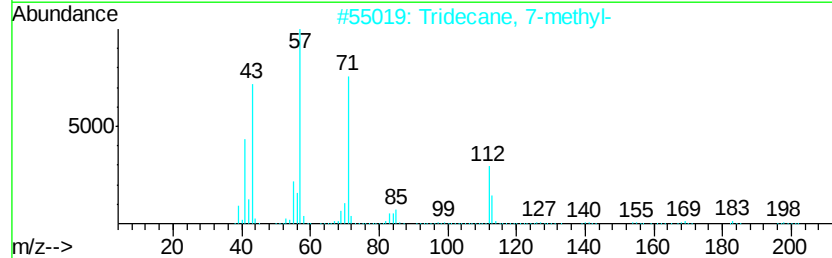
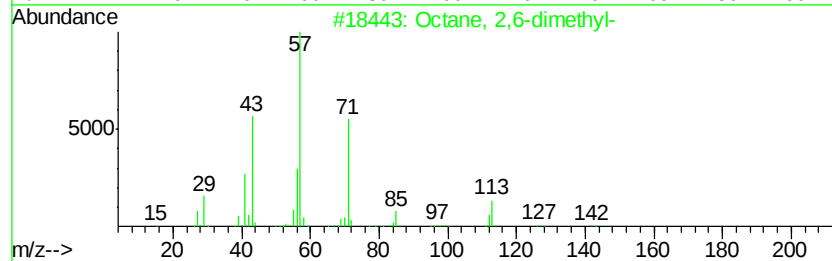
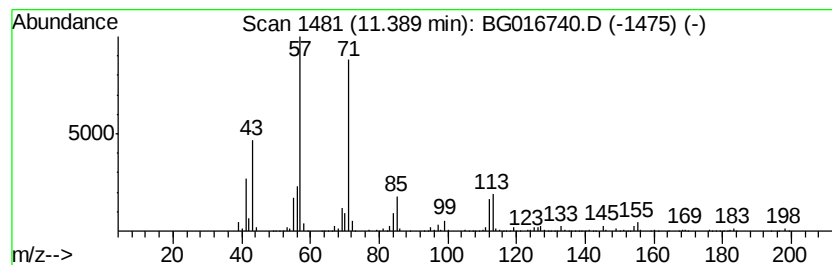
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	32.46 ng	1763770	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	74
3		Heptane, 3-[(ethenvloxy)methyl]-	156	C10H20O	000103-44-6	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5		3-Bromooctane	192	C8H17Br	000999-64-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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Acq On : 27 Apr 2015 19:01
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Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

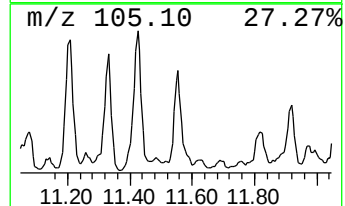
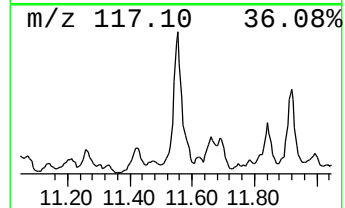
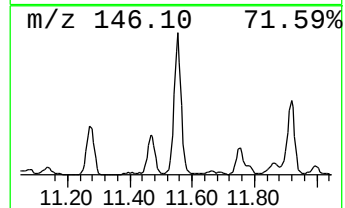
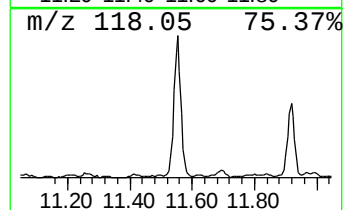
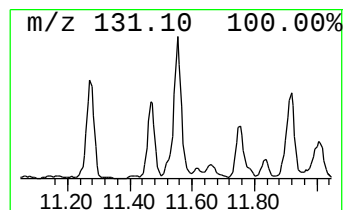
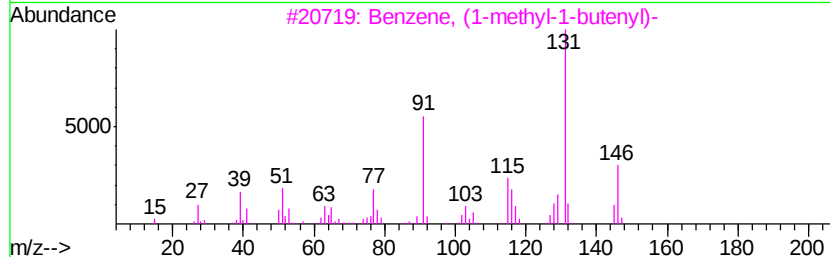
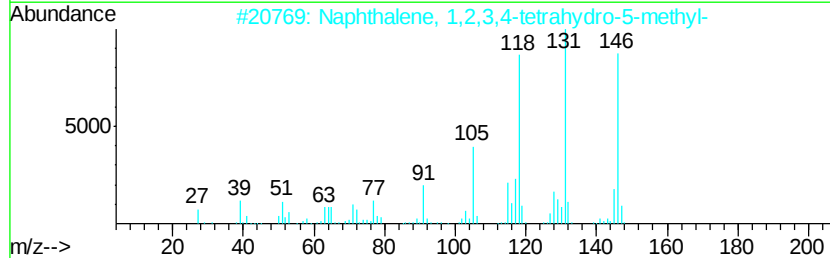
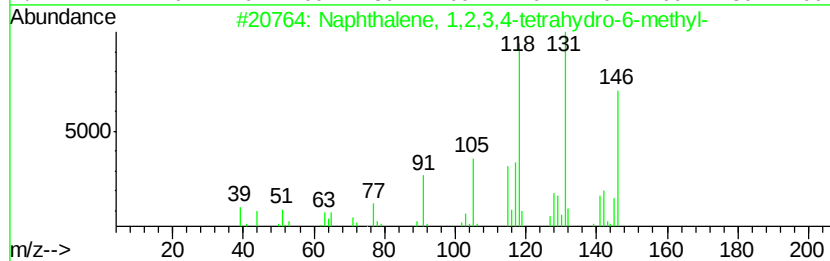
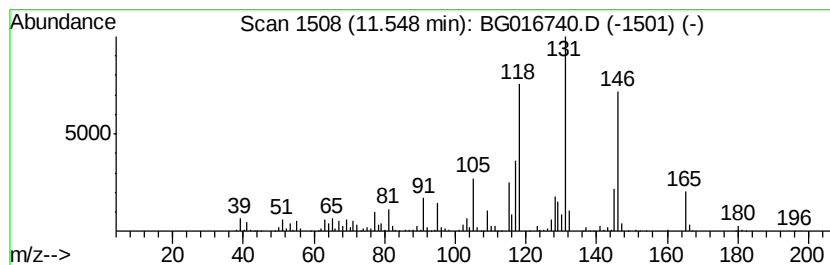
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ClientSampleId :
AS-14(9.5-10)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	17.13 ng	930810	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 93
3		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 92
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146 C11H14	000769-25-5 70
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146 C10H10O	017496-14-9 68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AS-14(9.5-10)

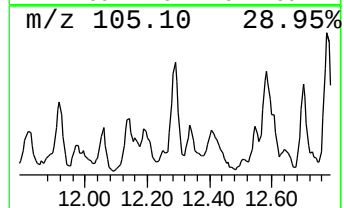
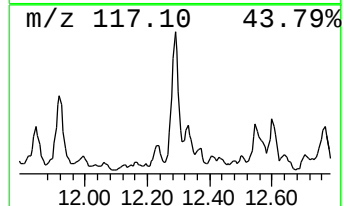
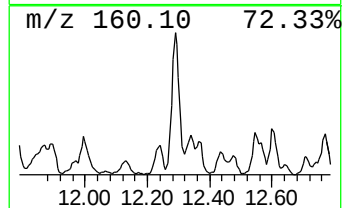
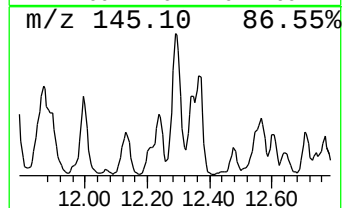
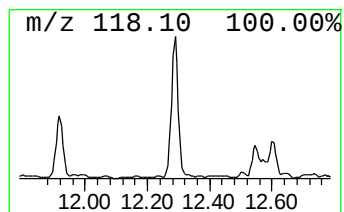
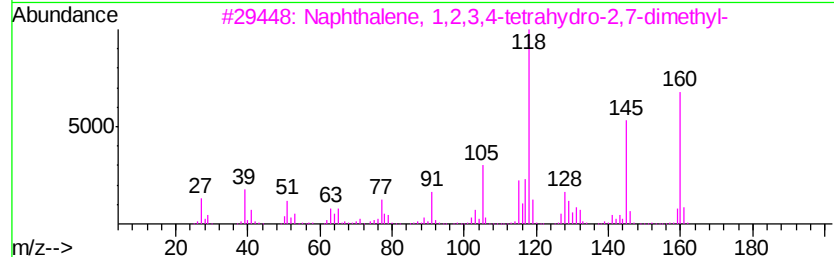
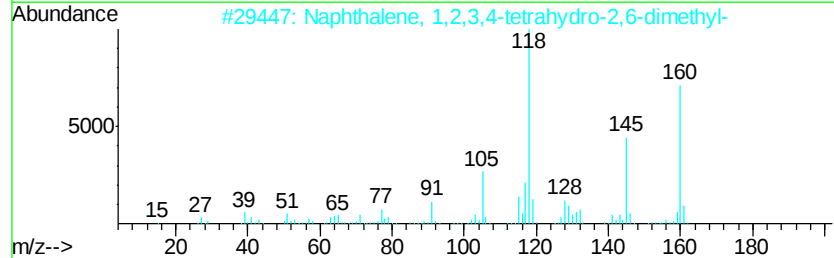
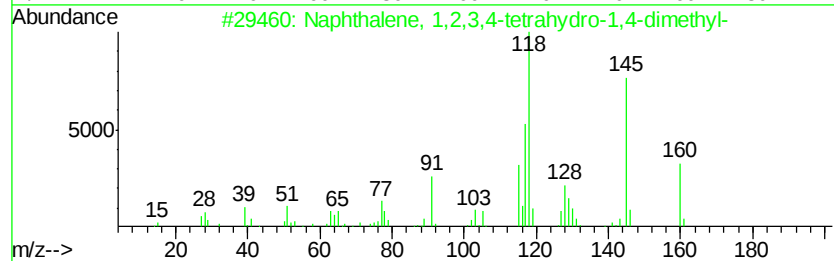
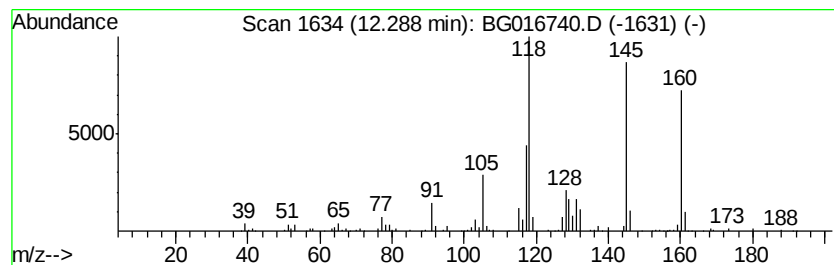
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	10.55 ng	573095	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	72
4		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	68
5		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	60



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
AS-14(9.5-10)

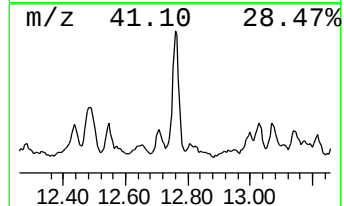
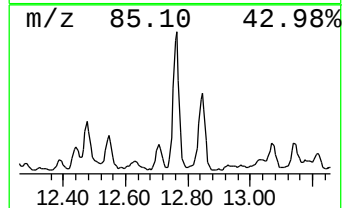
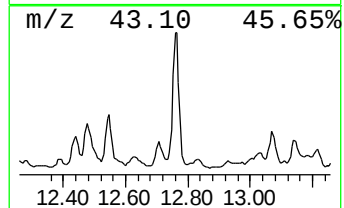
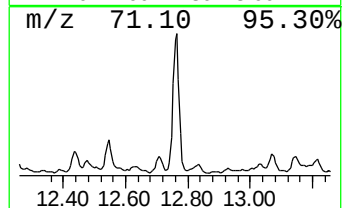
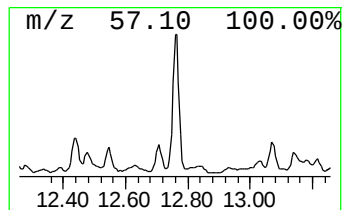
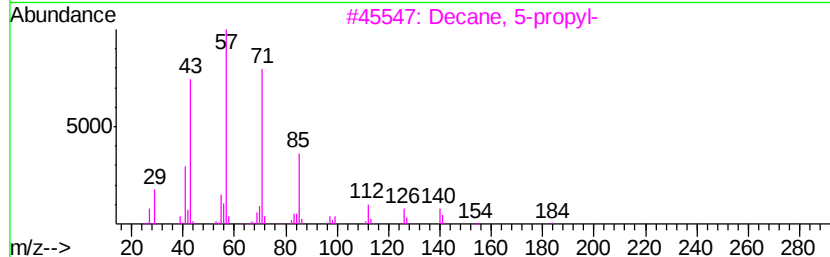
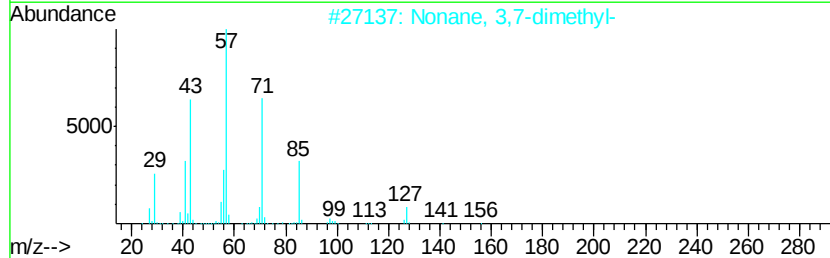
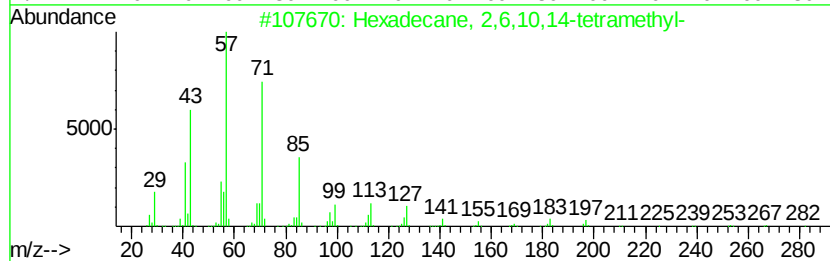
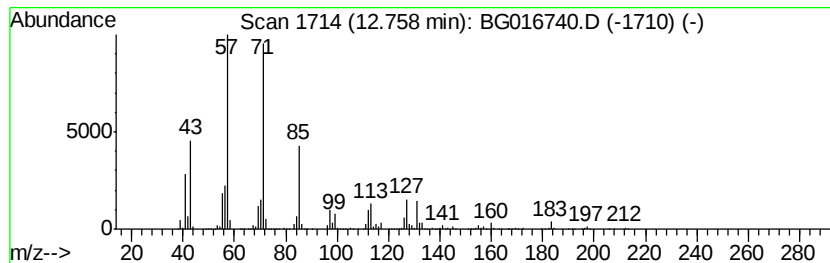
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	19.40 ng	1477850	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
3		Decane, 5-propyl-	184	C13H28	017312-62-8	68
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AS-14(9.5-10)

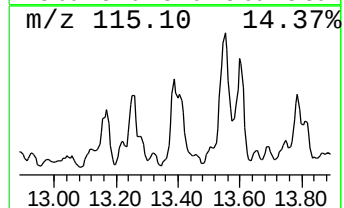
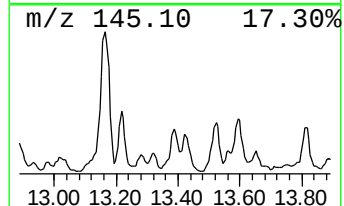
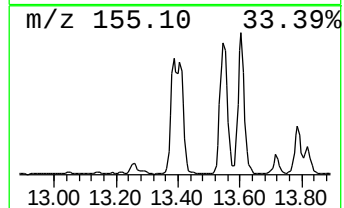
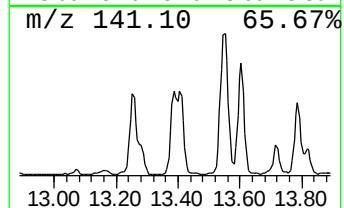
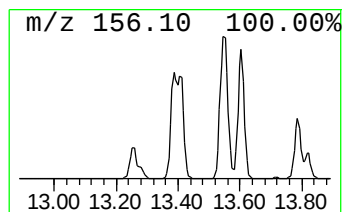
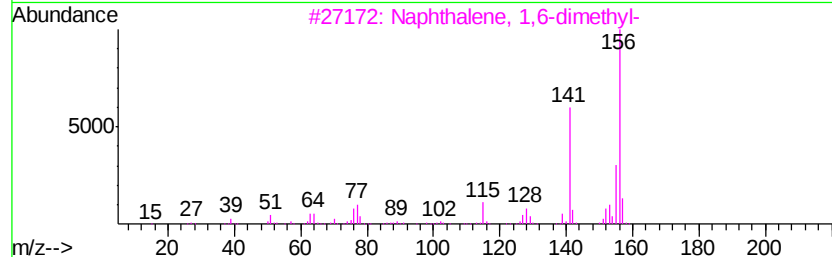
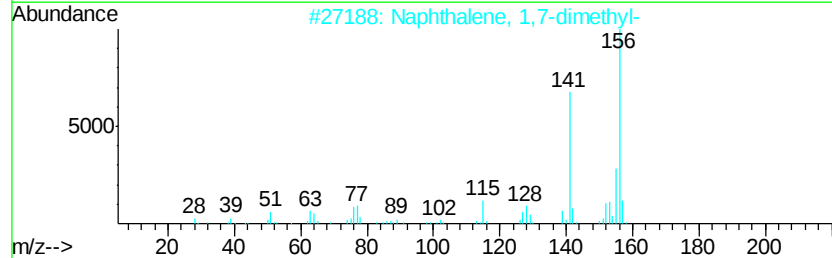
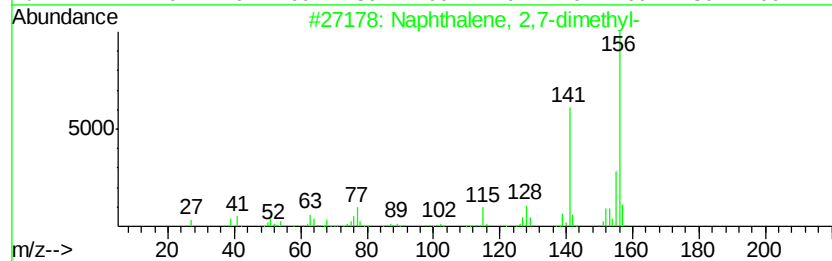
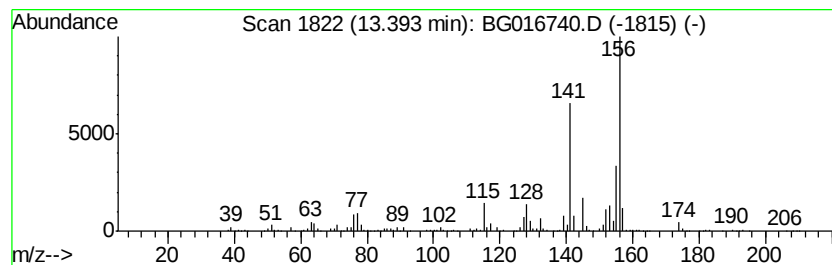
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	10.57 ng	805307	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AS-14(9.5-10)

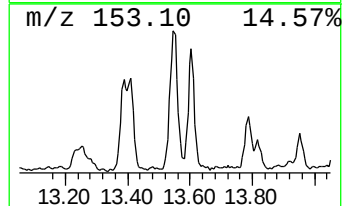
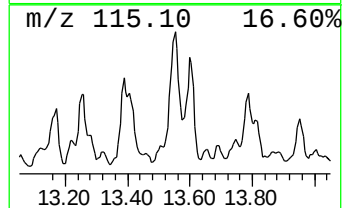
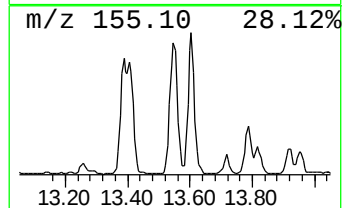
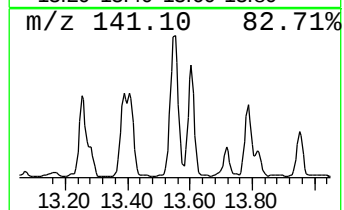
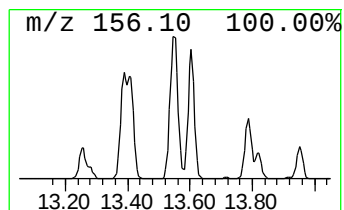
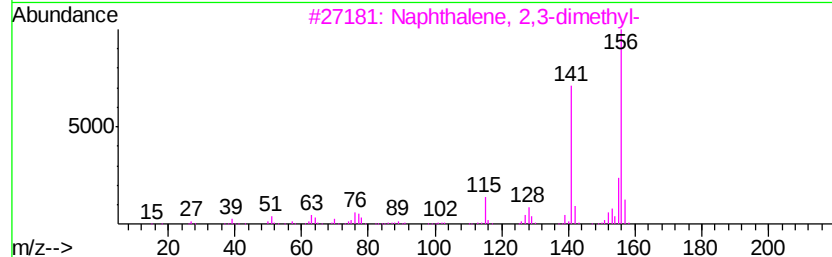
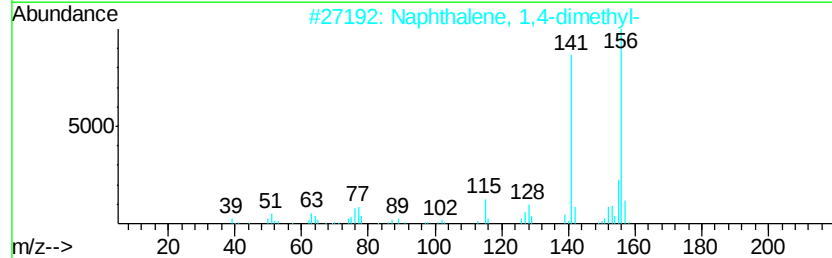
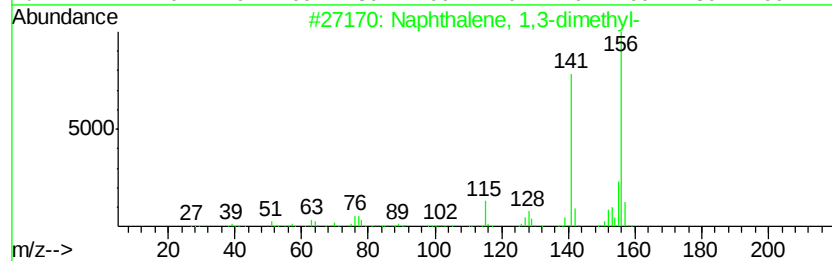
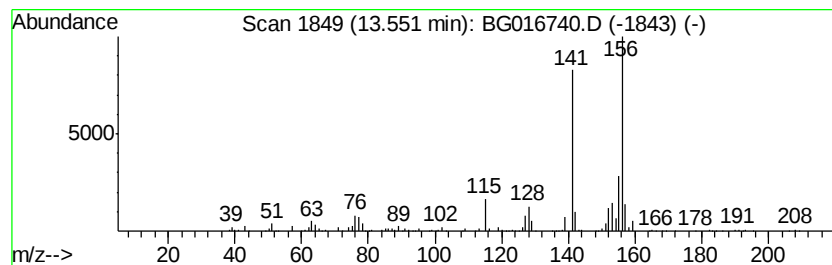
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	14.64 ng	1115490	Acenaphthene-d10	14.23

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
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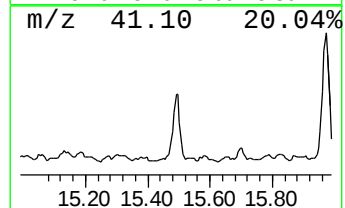
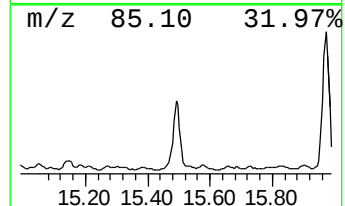
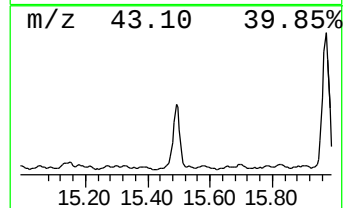
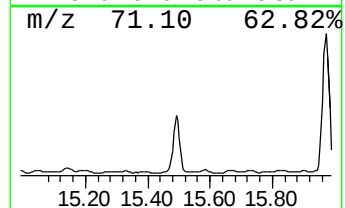
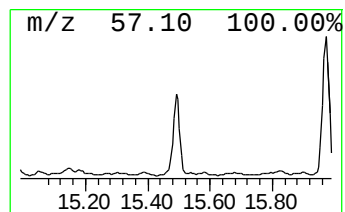
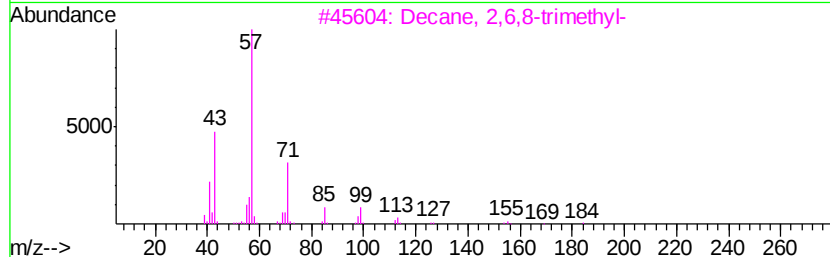
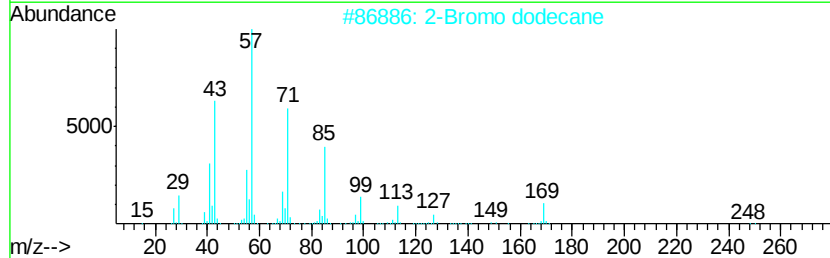
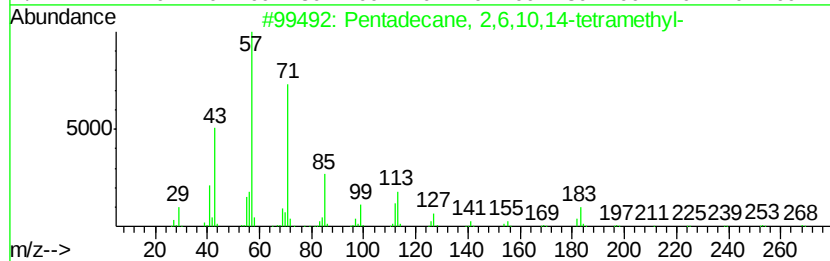
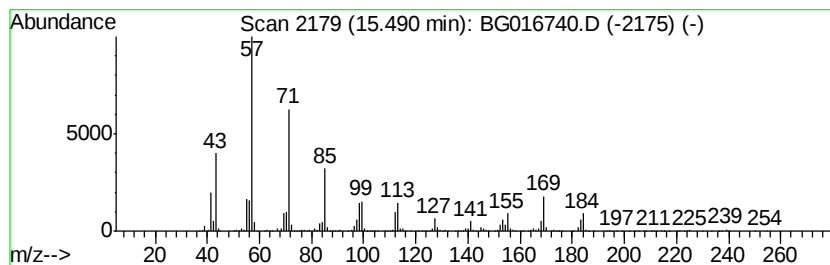
Instrument :
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ClientSampleId :
AS-14(9.5-10)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.49	18.11 ng	1380180	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	62
5	5-Ethyldecane	170	C12H26	017302-36-2	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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Sample : G1925-07
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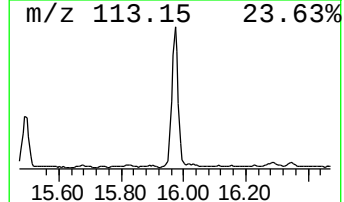
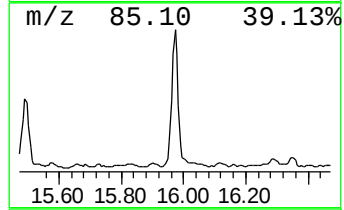
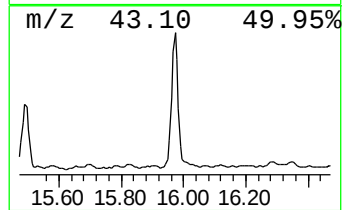
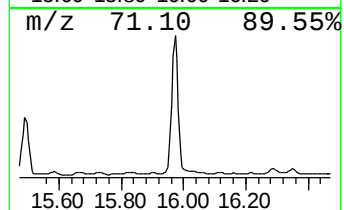
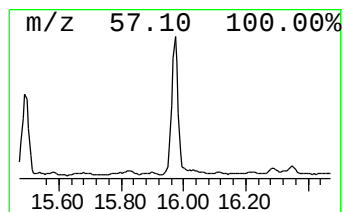
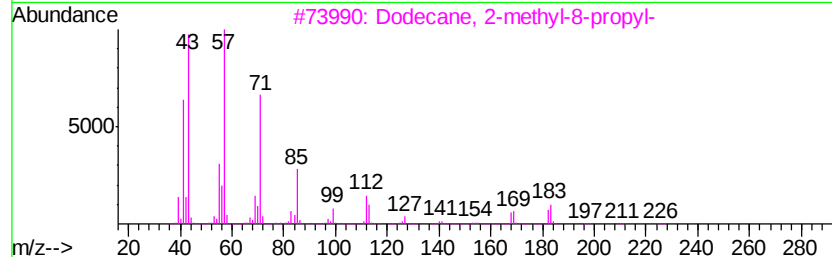
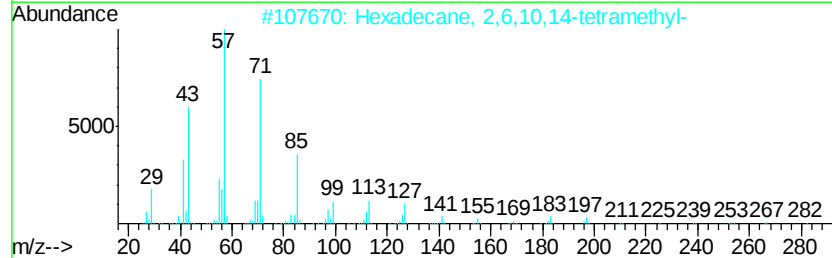
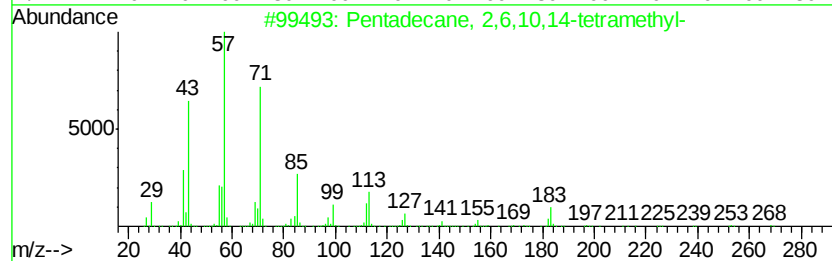
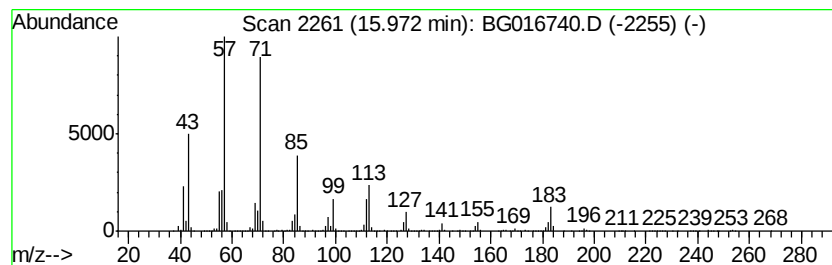
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-8-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.97	61.83 ng	2694980	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AS-14(9.5-10)

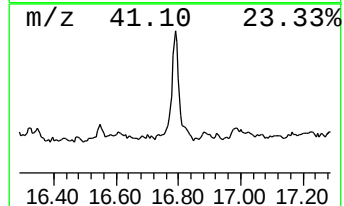
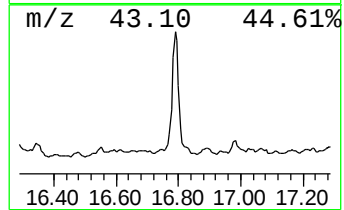
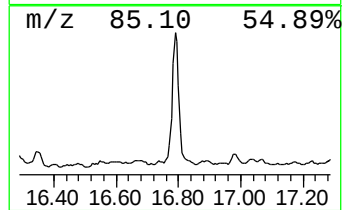
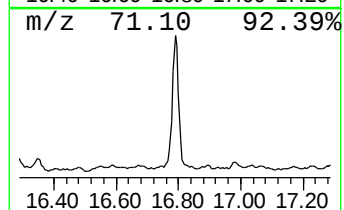
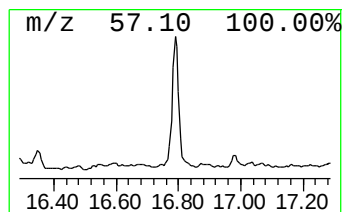
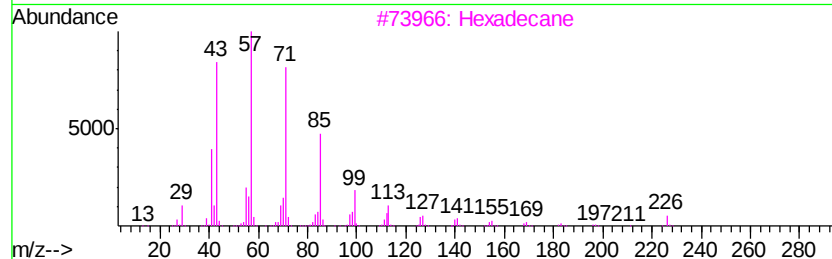
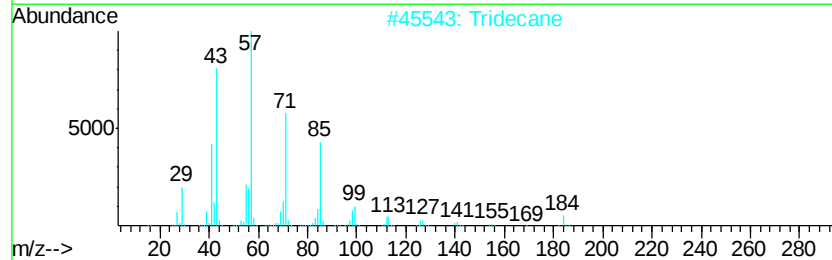
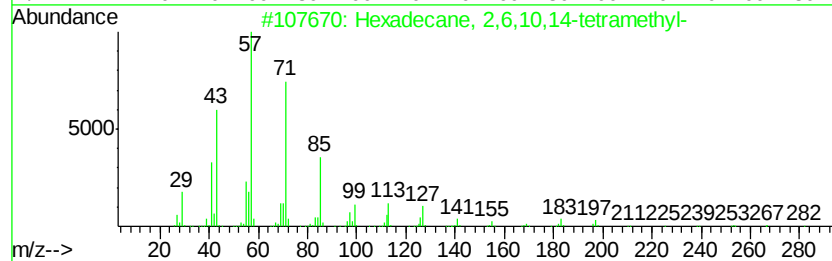
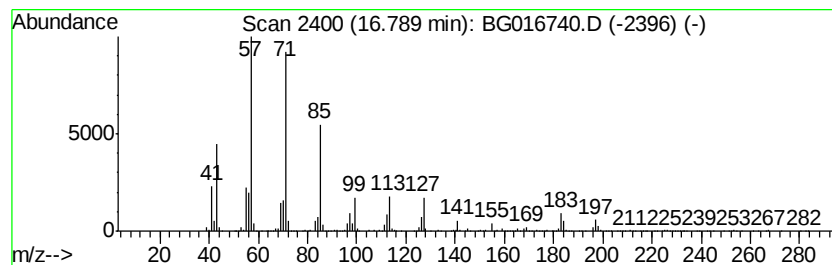
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	34.04 ng	1483850	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2		Tridecane	184	C13H28	000629-50-5	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tetradecane	198	C14H30	000629-59-4	87
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016740.D
Acq On : 27 Apr 2015 19:01
Operator : TP/IZ
Sample : G1925-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AS-14(9.5-10)

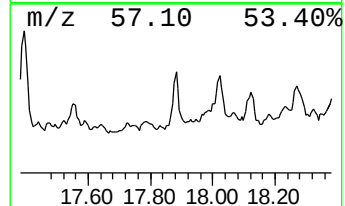
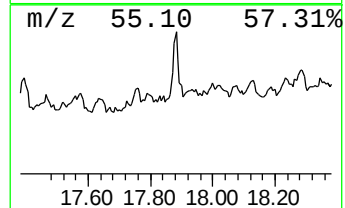
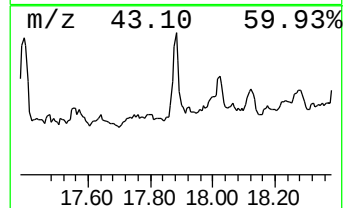
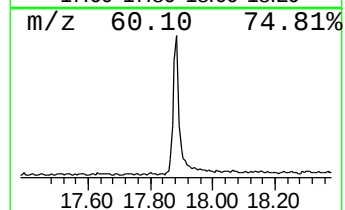
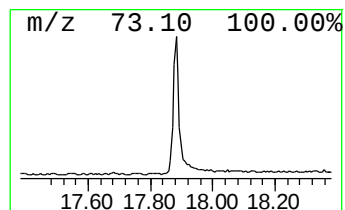
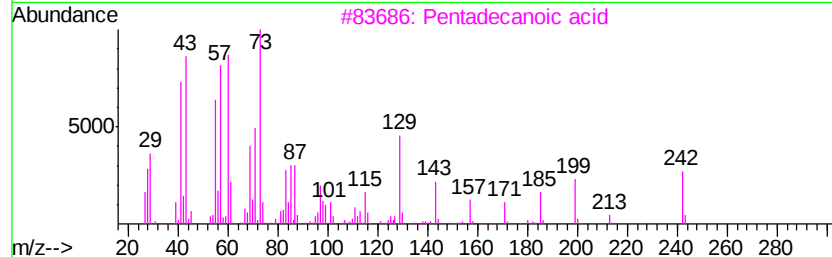
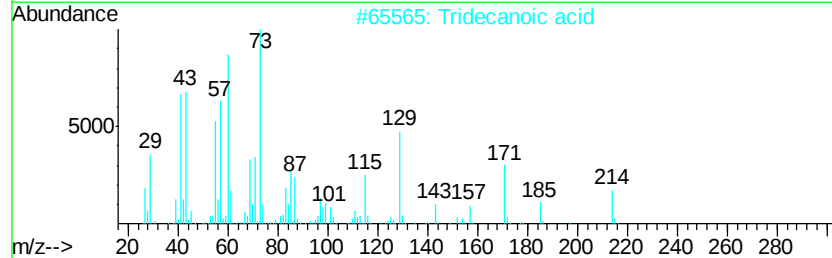
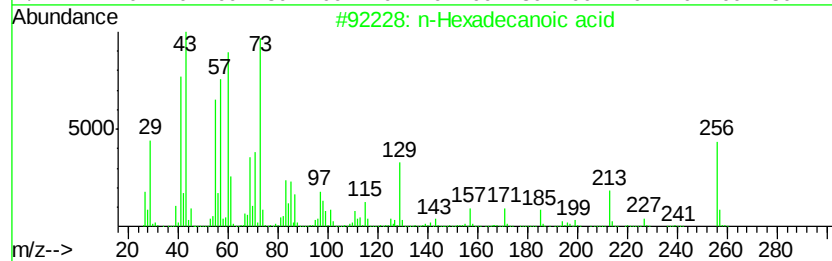
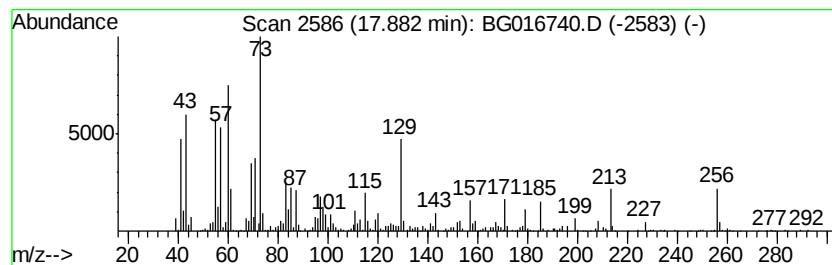
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	15.16 ng	660862	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
 Data File : BG016740.D
 Acq On : 27 Apr 2015 19:01
 Operator : TP/IZ
 Sample : G1925-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-14(9.5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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
unknown7.11	7.11	39.2	ng	1352770	1	7.57	690806	20.0
Benzene, 1-methyl...	8.12	11.5	ng	398526	1	7.57	690806	20.0
Decane, 2-methyl-	8.23	16.3	ng	563220	1	7.57	690806	20.0
Benzene, 1-methyl...	8.67	10.3	ng	354574	1	7.57	690806	20.0
Benzene, 1-methyl...	8.92	14.2	ng	490663	1	7.57	690806	20.0
Undecane, 2,6-dim...	10.53	16.6	ng	900515	2	10.36	1086580	20.0
Dodecane, 4-methyl-	11.20	12.1	ng	654783	2	10.36	1086580	20.0
1H-Indene, 2,3-di...	11.27	11.7	ng	637092	2	10.36	1086580	20.0
Octane, 2,6-dimet...	11.39	32.5	ng	1763770	2	10.36	1086580	20.0
Naphthalene, 1,2,...	11.55	17.1	ng	930810	2	10.36	1086580	20.0
Naphthalene, 1,2,...	12.29	10.6	ng	573095	2	10.36	1086580	20.0
Hexadecane, 2,6,1...	12.76	19.4	ng	1477850	3	14.23	1523910	20.0
Naphthalene, 2,7-...	13.39	10.6	ng	805307	3	14.23	1523910	20.0
Naphthalene, 1,3-...	13.55	14.6	ng	1115490	3	14.23	1523910	20.0
Pentadecane, 2,6,...	15.49	18.1	ng	1380180	3	14.23	1523910	20.0
Dodecane, 2-methy...	15.97	61.8	ng	2694980	4	16.98	871715	20.0
Tridecane	16.79	34.0	ng	1483850	4	16.98	871715	20.0
n-Hexadecanoic acid	17.88	15.2	ng	660862	4	16.98	871715	20.0