

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022690.D
 Acq On : 29 Jun 2016 00:26
 Operator : UM/SJ
 Sample : H3768-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-10-11

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-BG062516.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.054	31	37	48	rBV	920581	1329178	10.01%	0.435%
2	5.328	418	424	431	rBV2	506314	910139	6.85%	0.298%
3	5.569	461	465	474	rVB2	383840	658727	4.96%	0.216%
4	5.704	480	488	502	rVB	2601699	4396707	33.10%	1.440%
5	6.092	549	554	559	rBV2	434614	693042	5.22%	0.227%
6	6.163	561	566	572	rVB2	360055	650063	4.89%	0.213%
7	6.409	601	608	615	rBV5	808983	2079297	15.65%	0.681%
8	6.527	622	628	636	rBV3	531124	1045459	7.87%	0.342%
9	6.621	639	644	647	rBV3	508498	986964	7.43%	0.323%
10	6.691	652	656	661	rVB	1996821	2962213	22.30%	0.970%
11	6.809	668	676	684	rVB2	2223503	4364152	32.85%	1.429%
12	6.897	687	691	697	rVB2	577164	943617	7.10%	0.309%
13	6.967	697	703	707	rBV4	515449	910326	6.85%	0.298%
14	7.020	707	712	722	rVB2	695637	1820179	13.70%	0.596%
15	7.132	723	731	745	rVB4	771206	1830430	13.78%	0.599%
16	7.238	745	749	753	rBV3	454908	779243	5.87%	0.255%
17	7.302	753	760	773	rVB2	4440673	9381316	70.62%	3.072%
18	7.473	785	789	795	rVB4	666730	1312528	9.88%	0.430%
19	7.537	795	800	804	rBV4	636894	1103208	8.30%	0.361%
20	7.637	813	817	821	rVV	888977	1509856	11.37%	0.494%
21	7.690	821	826	835	rVB2	2953014	6015343	45.28%	1.970%
22	7.872	853	857	863	rVB3	744245	1275934	9.60%	0.418%
23	7.978	872	875	880	rVB3	547020	783649	5.90%	0.257%
24	8.078	881	892	894	rBV6	828125	2486793	18.72%	0.814%
25	8.125	895	900	910	rVB2	4973907	8876908	66.82%	2.907%
26	8.219	910	916	922	rVB5	974902	2195944	16.53%	0.719%
27	8.289	922	928	931	rBV4	568554	1253964	9.44%	0.411%
28	8.336	931	936	941	rVV3	1492591	2452844	18.46%	0.803%
29	8.407	941	948	952	rBV2	1109604	1856186	13.97%	0.608%
30	8.489	956	962	971	rVB4	2707459	6161494	46.38%	2.017%
31	8.583	971	978	980	rBV3	669562	1272161	9.58%	0.417%
32	8.724	997	1002	1011	rVB3	1475886	3021236	22.74%	0.989%
33	8.942	1033	1039	1045	rBV6	439440	1106556	8.33%	0.362%
34	9.006	1045	1050	1055	rBV3	1621604	3418747	25.73%	1.119%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

35	9.153	1066	1075	1078	rBV5	545320	1376372	10.36%	0.451%
36	9.271	1084	1095	1100	rBV2	3117398	8172308	61.52%	2.676%
37	9.329	1100	1105	1109	rBV	1647243	3191945	24.03%	1.045%
38	9.429	1118	1122	1126	rVB4	712322	1172572	8.83%	0.384%
39	9.482	1126	1131	1133	rBV2	1392720	2550653	19.20%	0.835%
40	9.635	1145	1157	1163	rBV5	1473701	4620587	34.78%	1.513%
41	9.717	1166	1171	1172	rBV4	510748	777686	5.85%	0.255%
42	9.805	1180	1186	1192	rVB4	2822769	4736778	35.66%	1.551%
43	9.899	1197	1202	1213	rVB2	2224486	5004186	37.67%	1.639%
44	10.040	1219	1226	1232	rBV6	1030303	2771334	20.86%	0.907%
45	10.093	1232	1235	1239	rVV2	964355	1415707	10.66%	0.464%
46	10.158	1240	1246	1251	rVB3	2476983	4588323	34.54%	1.502%
47	10.381	1279	1284	1285	rBV5	477769	699563	5.27%	0.229%
48	10.551	1308	1313	1323	rVB6	1131102	3005175	22.62%	0.984%
49	10.693	1329	1337	1343	rBV4	1338152	3639723	27.40%	1.192%
50	10.757	1343	1348	1353	rVV3	995532	1761829	13.26%	0.577%
51	10.834	1357	1361	1364	rVV4	1257949	2012015	15.15%	0.659%
52	10.869	1364	1367	1374	rVV	996921	1874574	14.11%	0.614%
53	10.945	1374	1380	1384	rVV6	1240803	3113375	23.44%	1.019%
54	10.998	1386	1389	1394	rVV5	1394672	2715071	20.44%	0.889%
55	11.051	1395	1398	1402	rVV3	1104839	1824431	13.73%	0.597%
56	11.133	1406	1412	1417	rVB	7487402	13284818	100.00%	4.350%
57	11.198	1418	1423	1429	rBV3	1831538	3823181	28.78%	1.252%
58	11.351	1442	1449	1454	rBV8	976426	2485248	18.71%	0.814%
59	11.403	1454	1458	1462	rVV3	898636	1766756	13.30%	0.578%
60	11.474	1465	1470	1475	rVB3	2014915	3985643	30.00%	1.305%
61	11.527	1475	1479	1483	rBV3	517237	739421	5.57%	0.242%
62	11.644	1495	1499	1501	rBV4	892143	1442792	10.86%	0.472%
63	11.809	1522	1527	1533	rBV6	1369169	2745003	20.66%	0.899%
64	11.997	1553	1559	1562	rBV	6848185	11049332	83.17%	3.618%
65	12.032	1562	1565	1569	rVV3	2147453	3267411	24.60%	1.070%
66	12.079	1570	1573	1578	rVB3	1122852	1775667	13.37%	0.581%
67	12.173	1585	1589	1595	rVB3	1294210	2397097	18.04%	0.785%
68	12.255	1596	1603	1607	rBV4	1650653	3532803	26.59%	1.157%
69	12.514	1644	1647	1654	rVV4	1121935	2164331	16.29%	0.709%
70	12.596	1657	1661	1668	rVB	3546019	6221963	46.84%	2.037%
71	12.784	1689	1693	1694	rBV4	751131	1019244	7.67%	0.334%

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ClientSampleId :
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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

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72	13.007	1726	1731	1734	rBV3	1757419	2946147	22.18%	0.965%
73	13.078	1740	1743	1746	rBV3	514164	710321	5.35%	0.233%
74	13.325	1779	1785	1792	rVV	7074367	10775427	81.11%	3.528%
75	13.419	1796	1801	1806	rVB	4456829	7086830	53.35%	2.320%
76	13.624	1827	1836	1842	rBV4	2003391	5382499	40.52%	1.762%
77	13.707	1842	1850	1854	rBV4	1084056	2813486	21.18%	0.921%
78	13.842	1871	1873	1879	rVB4	981080	1466894	11.04%	0.480%
79	13.995	1895	1899	1903	rBV3	895763	1452617	10.93%	0.476%
80	14.171	1926	1929	1934	rVB4	1012289	1461026	11.00%	0.478%
81	14.265	1935	1945	1949	rVV2	6851178	12025939	90.52%	3.938%
82	14.312	1950	1953	1959	rVB4	819050	1281551	9.65%	0.420%
83	14.617	2001	2005	2010	rBV3	794994	1445440	10.88%	0.473%
84	14.747	2023	2027	2031	rBV3	969903	1785208	13.44%	0.585%
85	14.794	2032	2035	2041	rVB3	1486026	2468030	18.58%	0.808%
86	14.876	2046	2049	2052	rBV2	639393	808212	6.08%	0.265%
87	15.011	2068	2072	2077	rVB4	714795	1136015	8.55%	0.372%
88	15.175	2096	2100	2104	rBV	884395	1148787	8.65%	0.376%
89	15.299	2116	2121	2126	rVB4	1160502	2301227	17.32%	0.754%
90	15.675	2182	2185	2190	rVB4	670105	1036749	7.80%	0.339%
91	15.728	2191	2194	2204	rVB4	619498	1287165	9.69%	0.421%
92	16.033	2239	2246	2253	rVB	3520692	5919324	44.56%	1.938%
93	16.251	2279	2283	2285	rBV	503030	659192	4.96%	0.216%
94	16.286	2285	2289	2294	rVB	3689171	5383418	40.52%	1.763%
95	16.515	2322	2328	2333	rBV	4226561	6203262	46.69%	2.031%
96	17.338	2463	2468	2473	rBV	1548903	2347850	17.67%	0.769%
97	17.555	2498	2505	2510	rBV2	1510891	2694162	20.28%	0.882%
98	20.152	2942	2947	2953	rVB	7760974	11102281	83.57%	3.635%
99	21.844	3228	3235	3242	rBV2	1669039	2938103	22.12%	0.962%
100	25.205	3797	3807	3820	rVB2	907165	2767368	20.83%	0.906%

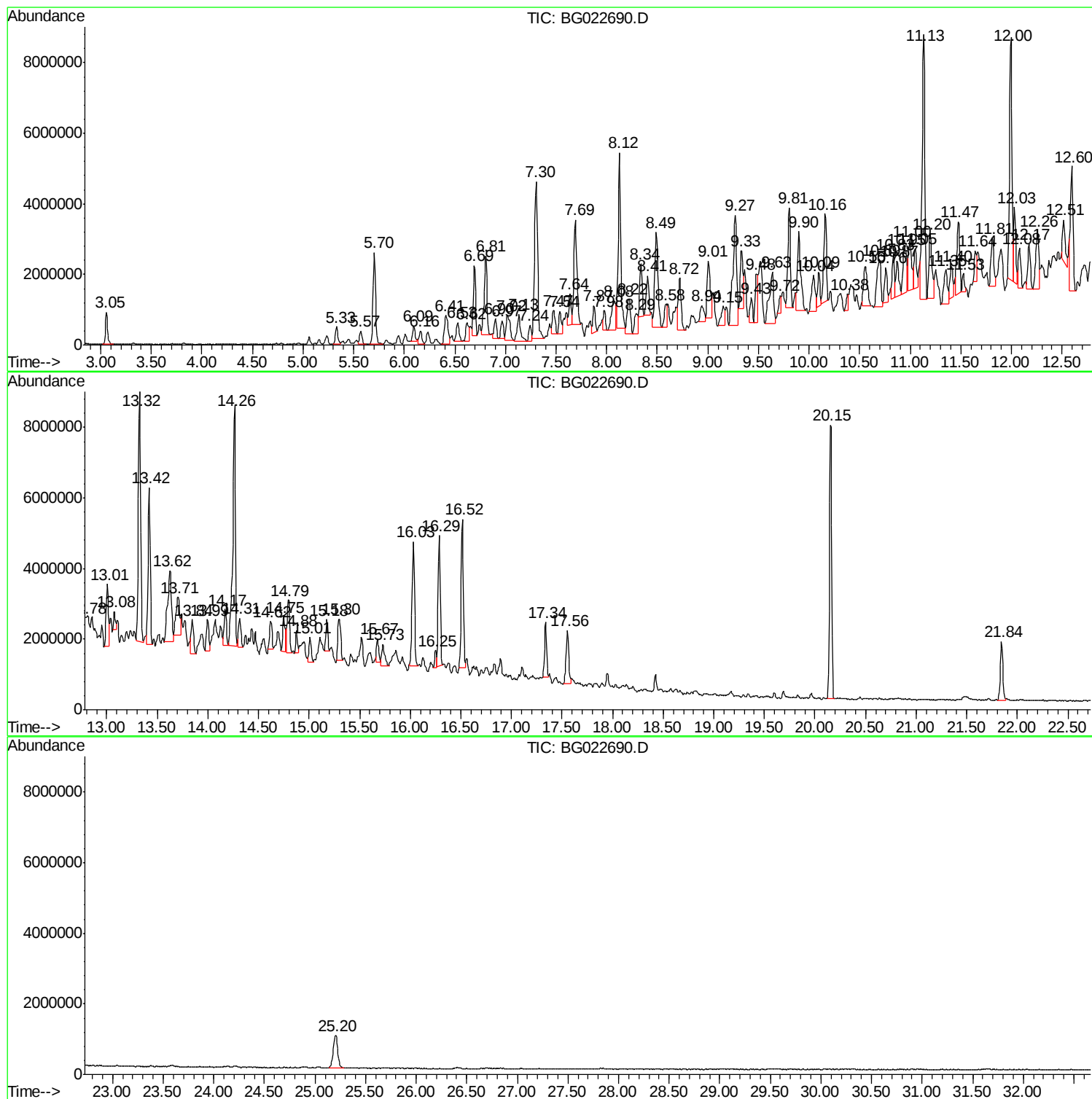
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Instrument :
BNA_G
ClientSampled :
B1-10-11

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

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



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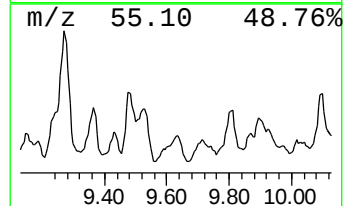
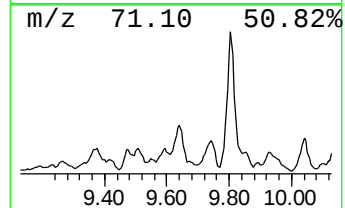
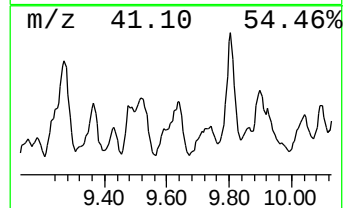
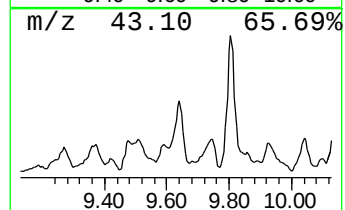
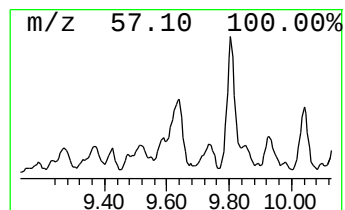
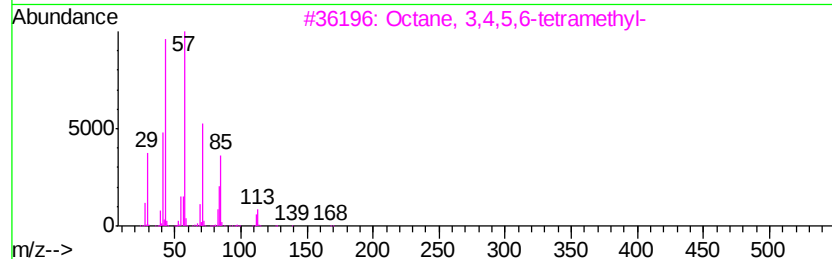
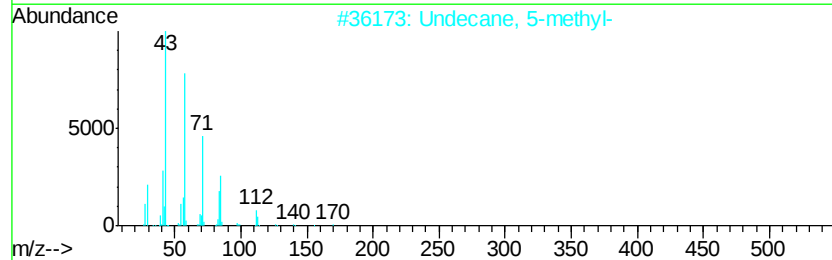
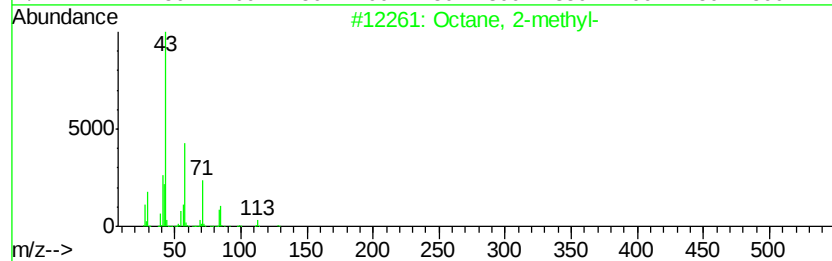
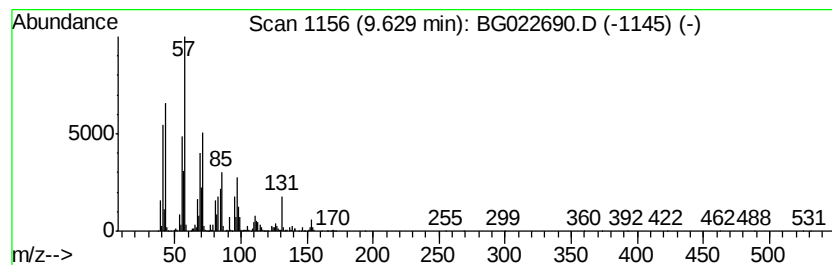
Instrument :
BNA_G
ClientSampleId :
B1-10-11

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

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

Peak Number 1 Octane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	34.04 ng	4620590	Napthalene-d8	10.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2-methyl-	128 C9H20	003221-61-2	70
2	Undecane, 5-methyl-	170 C12H26	001632-70-8	58
3	Octane, 3,4,5,6-tetramethyl-	170 C12H26	062185-21-1	52
4	Tridecane	184 C13H28	000629-50-5	49
5	Dodecane, 1-bromo-	248 C12H25Br	000143-15-7	49



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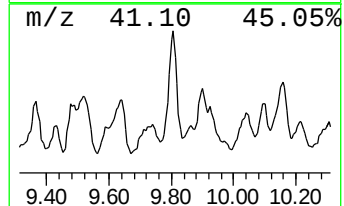
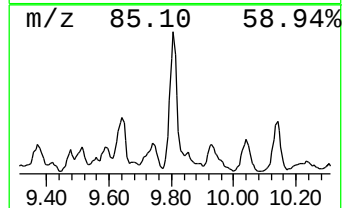
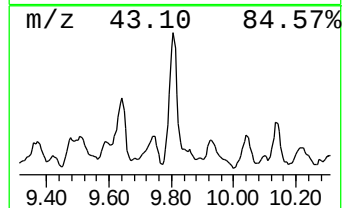
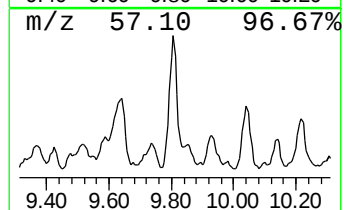
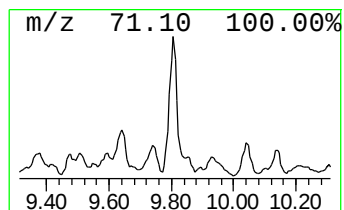
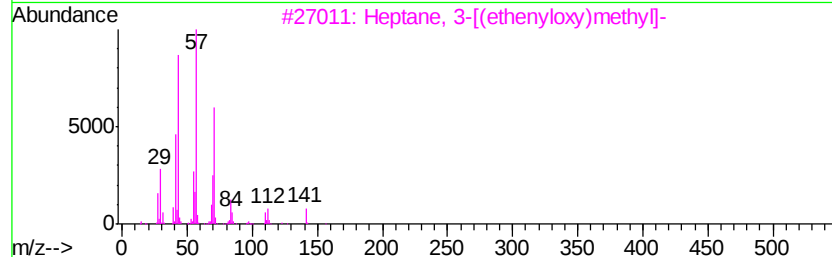
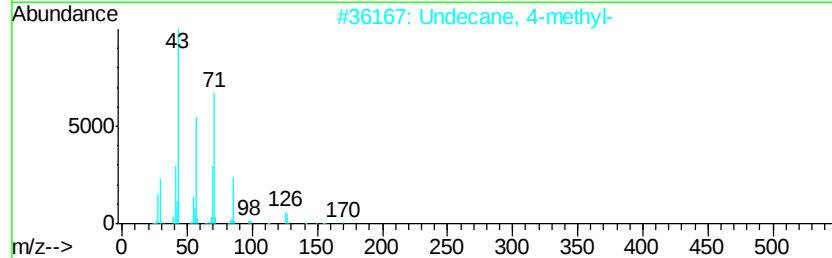
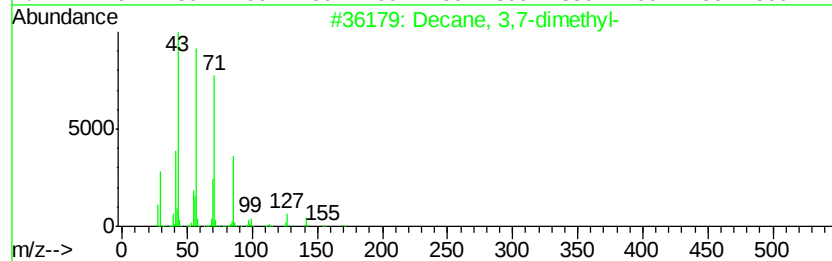
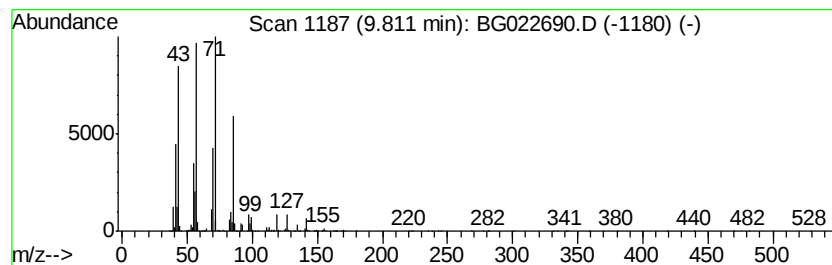
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 3,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	34.89 ng	4736780	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	81
2		Undecane, 4-methyl-	170	C12H26	002980-69-0	58
3		Heptane, 3-[(ethenvloxy)methyl]-	156	C10H20O	000103-44-6	53
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	50



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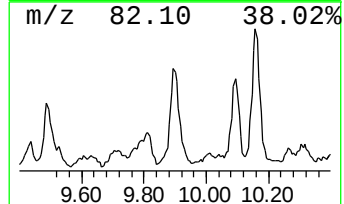
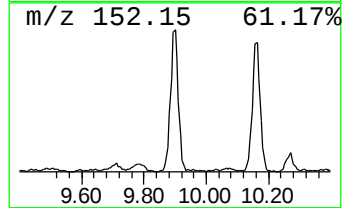
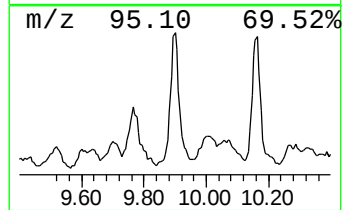
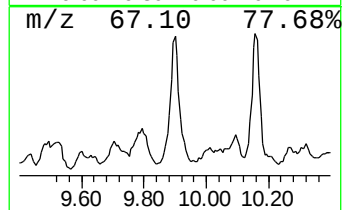
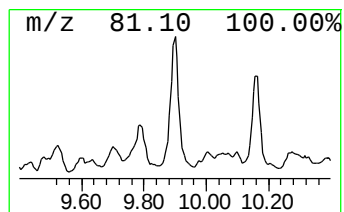
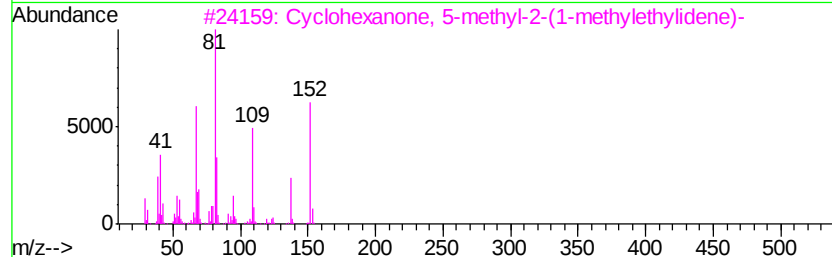
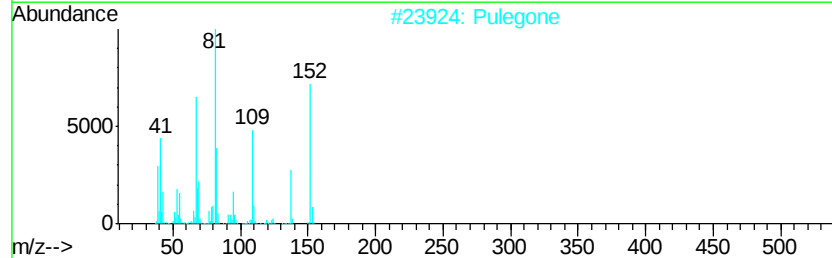
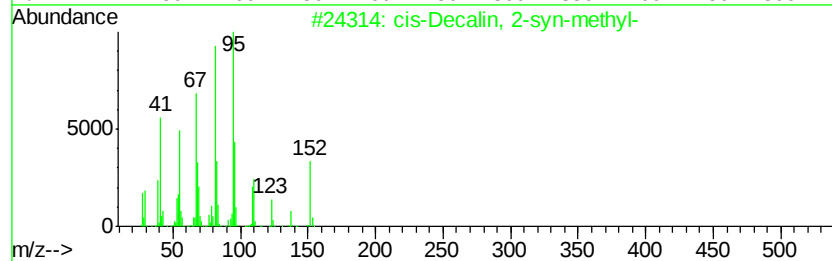
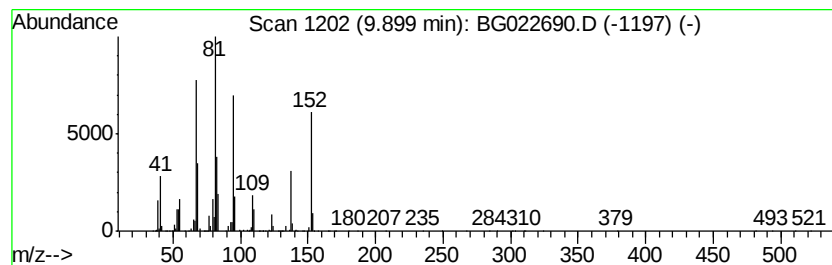
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 cis-Decalin, 2-syn-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	36.86 ng	5004190	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	86
2		Pulegone	152	C10H16O	000089-82-7	80
3		Cyclohexanone, 5-methyl-2-(1-methyl-2-propenyl)-	152	C10H16O	015932-80-6	72
4		Cyclohexanone, 2-methyl-5-(1-methyl-2-propenyl)-	152	C10H16O	005948-04-9	70
5		Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
Sample : H3768-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B1-10-11

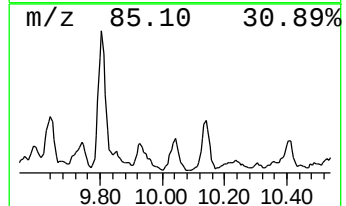
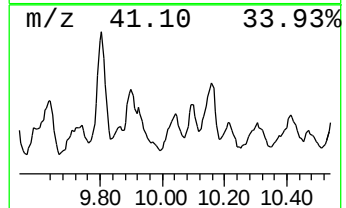
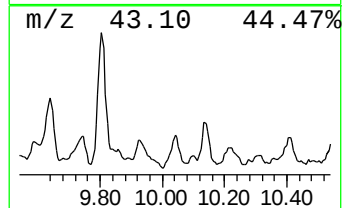
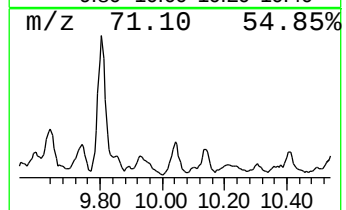
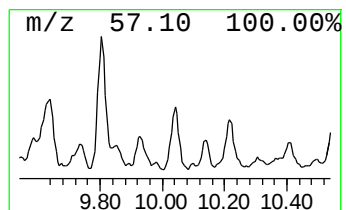
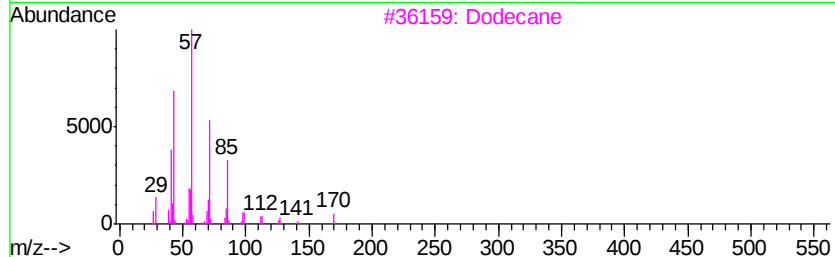
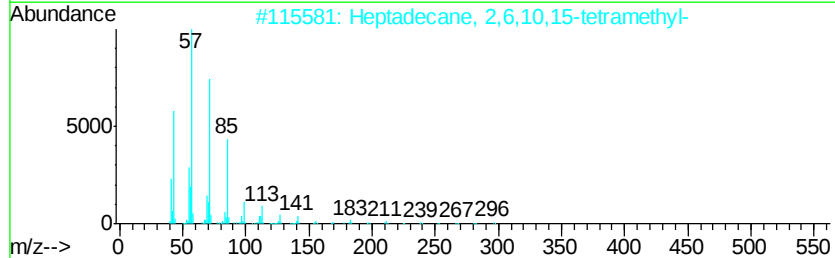
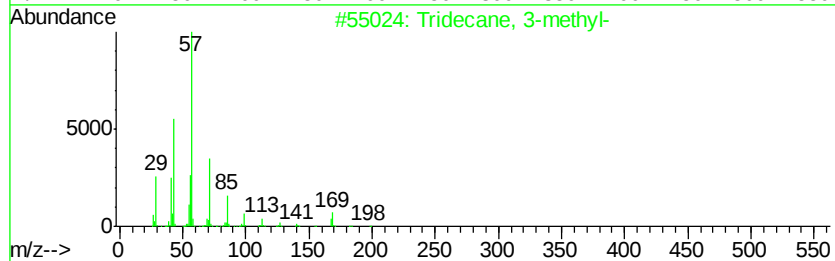
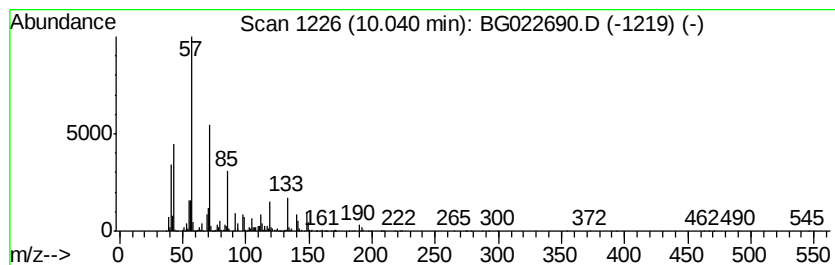
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	20.41 ng	2771330	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
3		Dodecane	170	C12H26	000112-40-3	50
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
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Misc :
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ClientSampleId :
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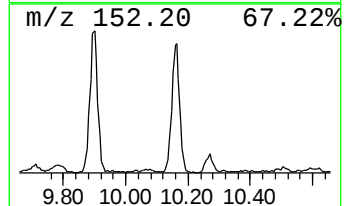
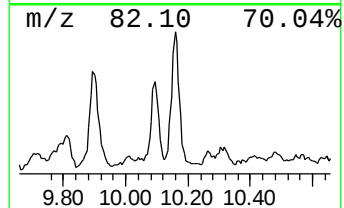
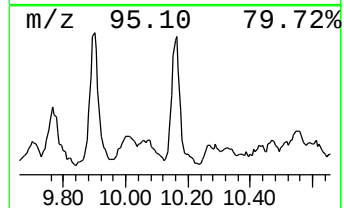
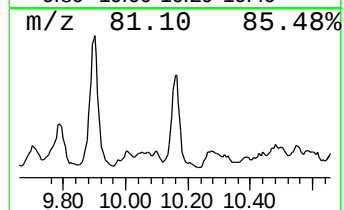
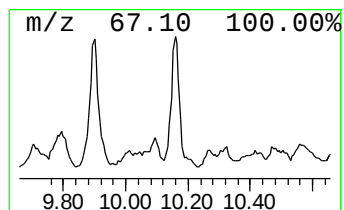
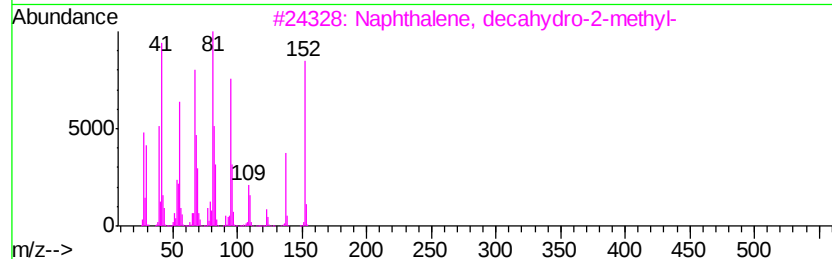
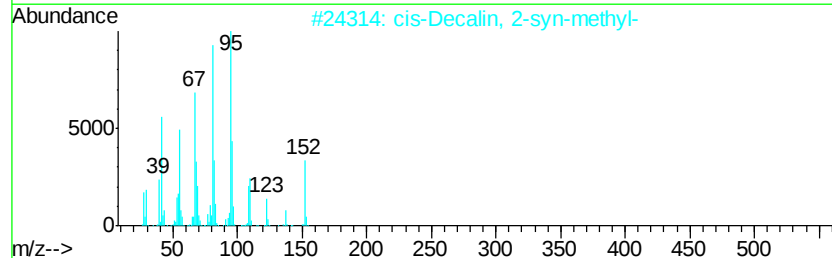
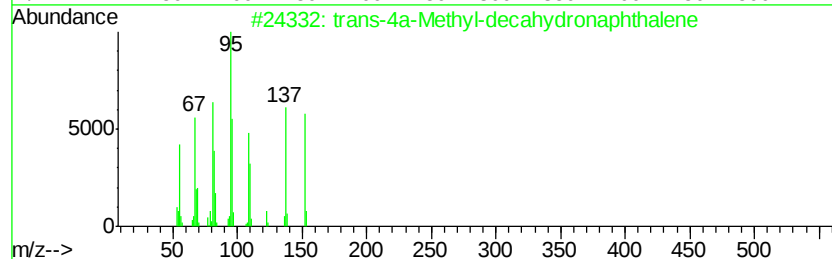
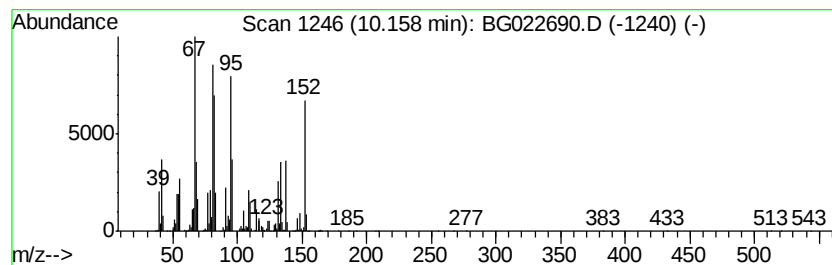
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 trans-4a-Methyl-decahydrona... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	33.80 ng	4588320	Naphthalene-d8	10.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
4		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	62
5		Pulegone	152	C10H16O	000089-82-7	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
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Misc :
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ClientSampleId :
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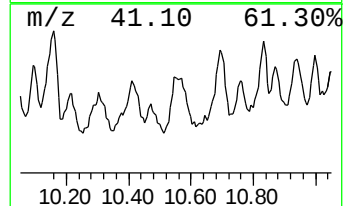
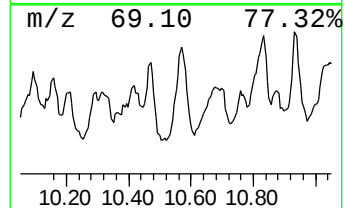
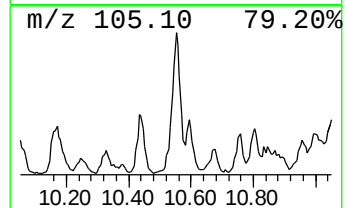
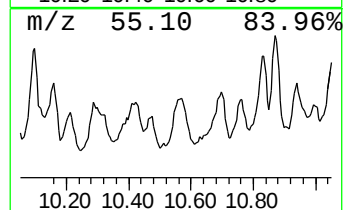
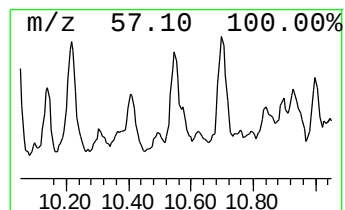
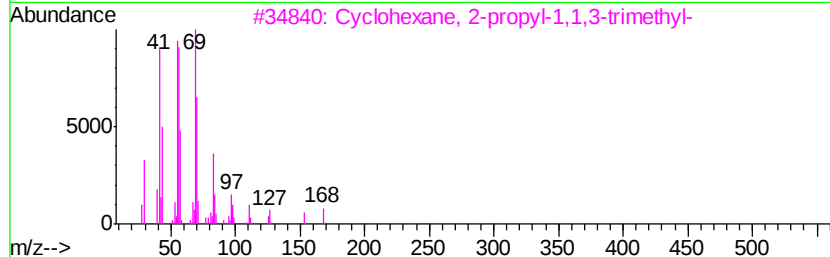
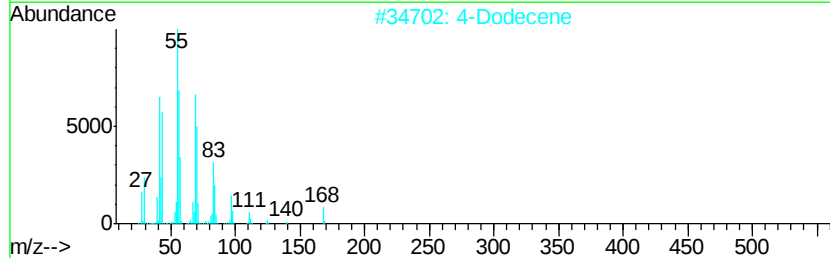
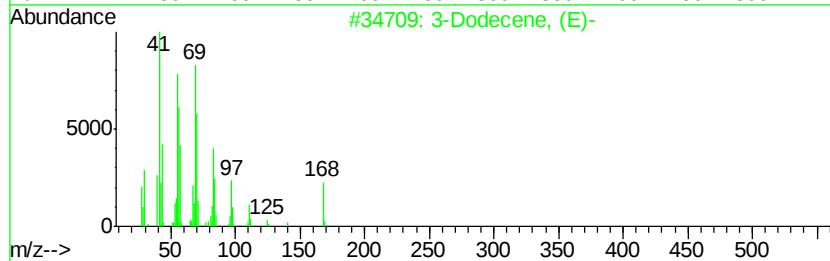
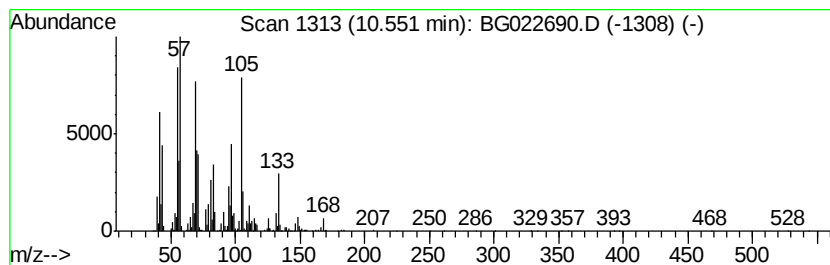
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Dodecene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	22.14 ng	3005180	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Dodecene, (E)-	168	C12H24	007206-14-6	50
2		4-Dodecene	168	C12H24	002030-84-4	43
3		Cyclohexane, 2-propyl-1,1,3-trimethyl-	168	C12H24	081983-70-2	43
4		5-Dodecene, (Z)-	168	C12H24	007206-28-2	43
5		3-Trifluoroacetoxy-6-ethyldecane	282	C14H25F3O2	116436-59-0	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
Sample : H3768-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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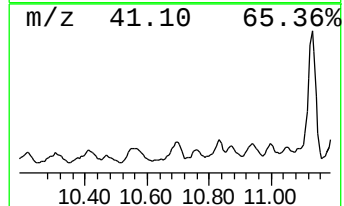
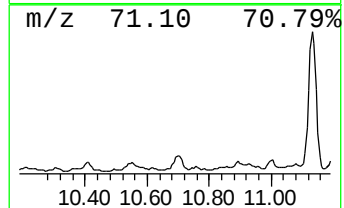
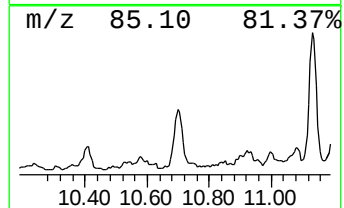
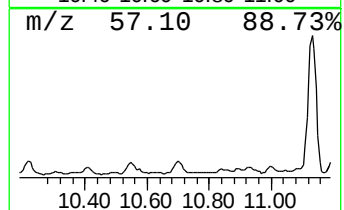
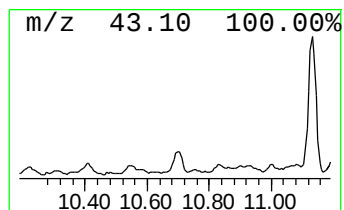
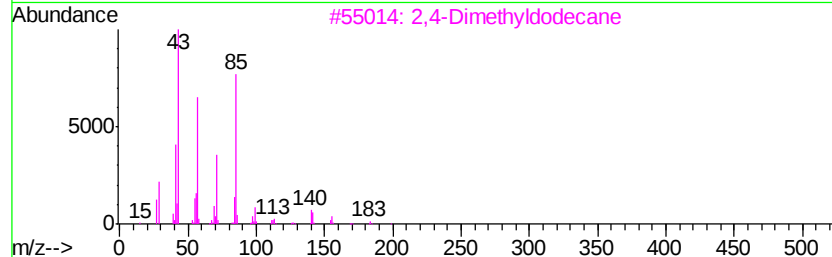
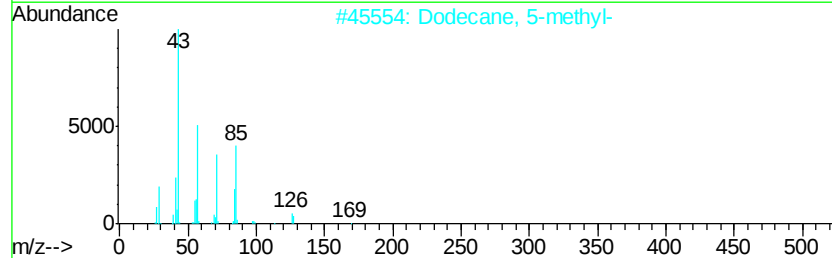
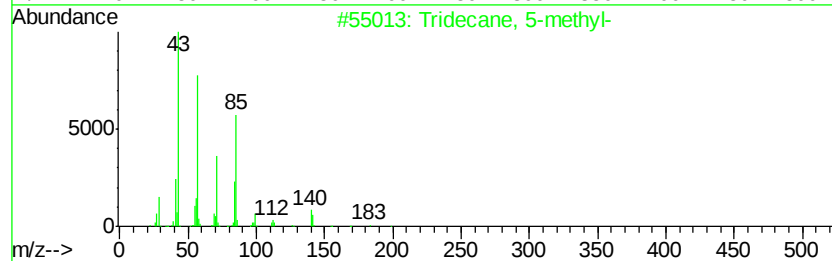
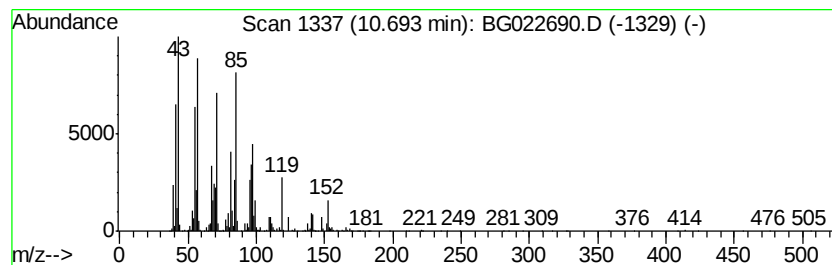
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	26.81 ng	3639720	Naphthalene-d8	10.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-methyl-	198	C14H30	025117-31-1	50
2		Dodecane, 5-methyl-	184	C13H28	017453-93-9	46
3		2,4-Dimethyldodecane	198	C14H30	006117-99-3	46
4		Eicosane, 2,4-dimethyl-	310	C22H46	075163-98-3	43
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B1-10-11

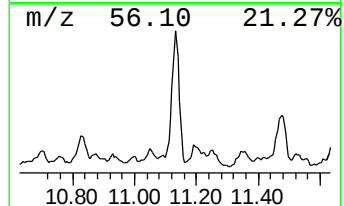
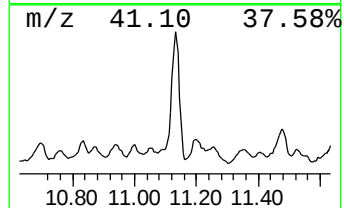
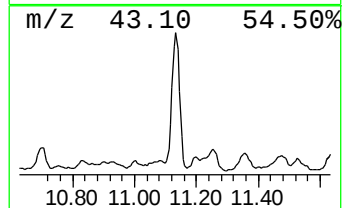
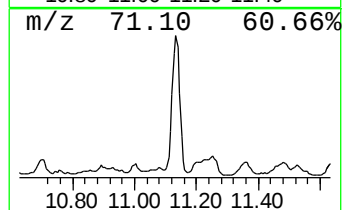
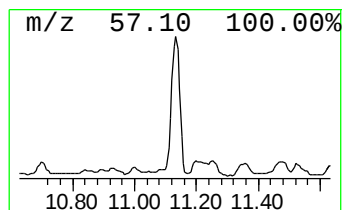
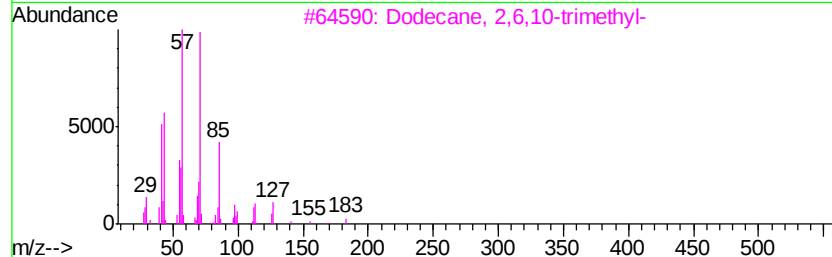
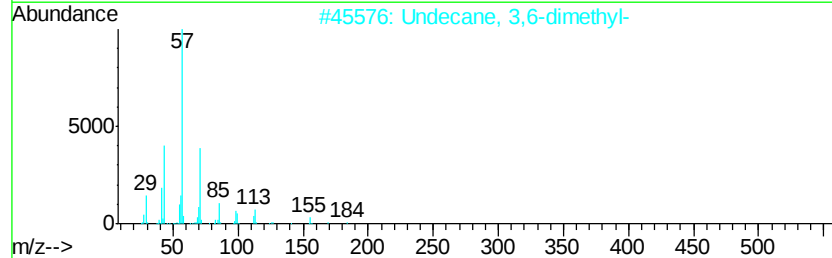
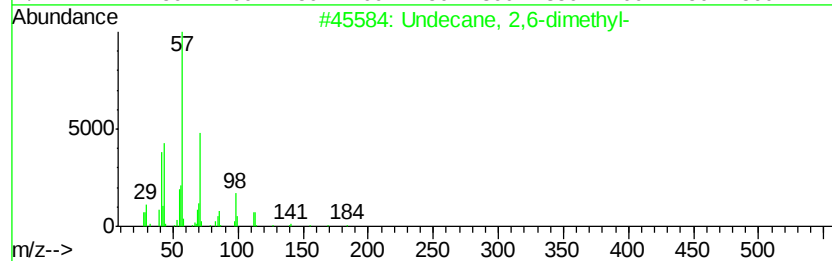
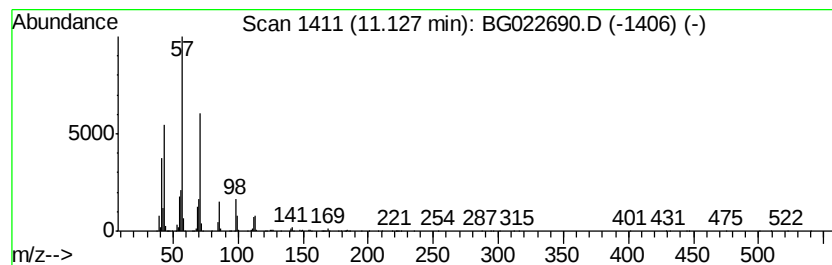
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	97.86 ng	13284800	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	68
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
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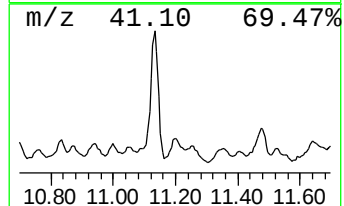
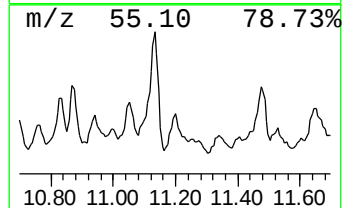
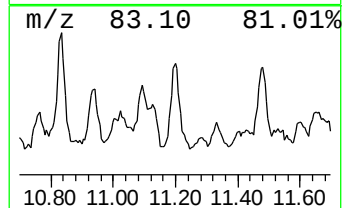
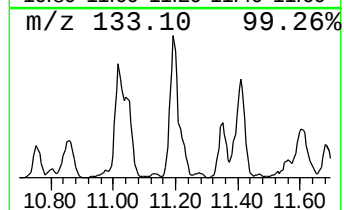
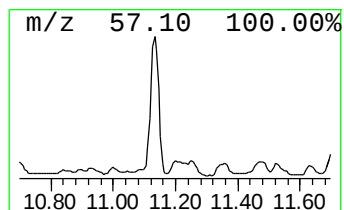
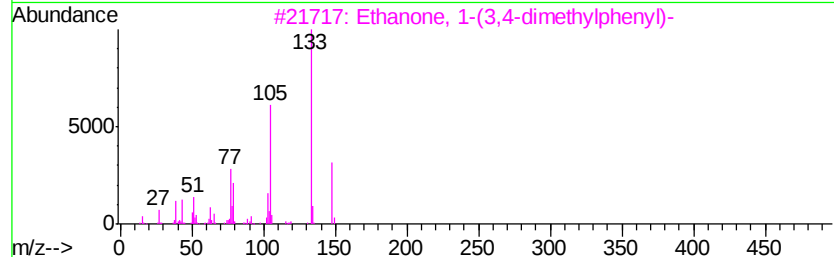
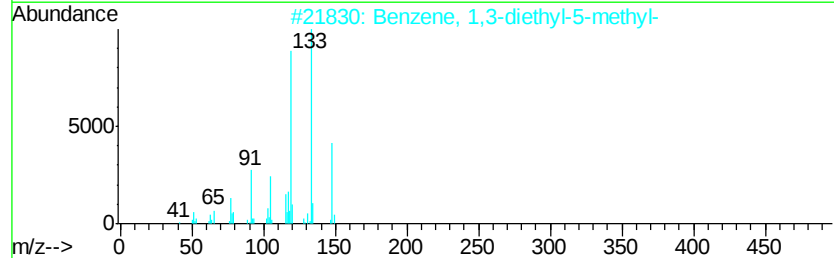
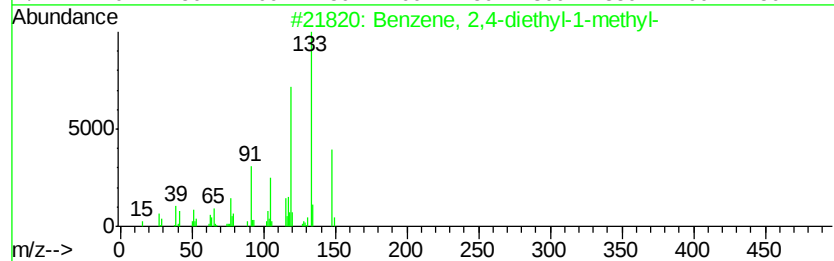
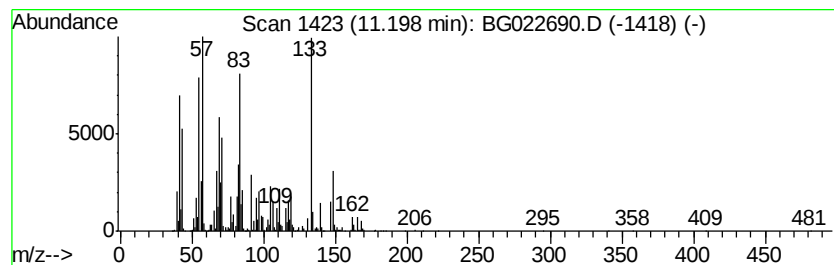
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	28.16 ng	3823180	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	52
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	51
3		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	38
4		Benzene, 1,3-dimethyl-5-(1-methyl...	148	C11H16	004706-90-5	38
5		Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
Sample : H3768-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
B1-10-11

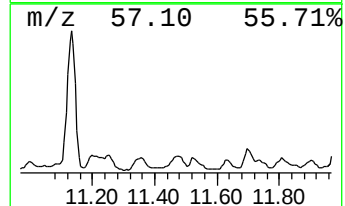
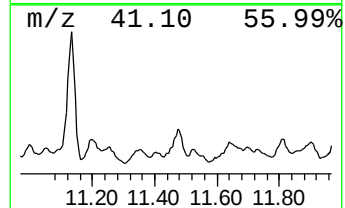
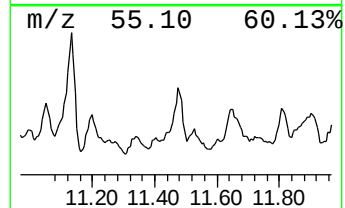
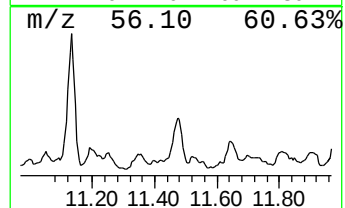
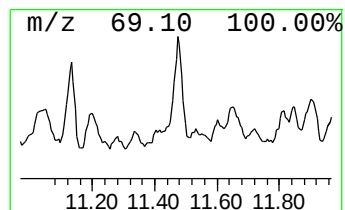
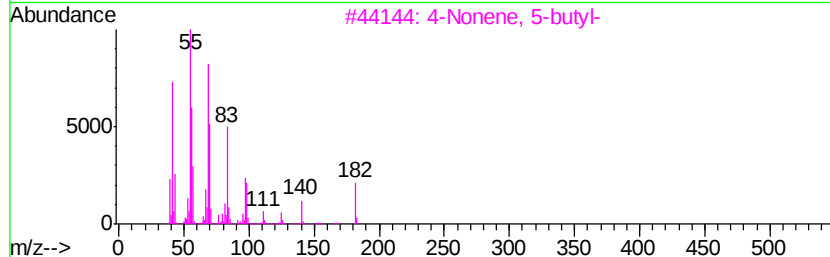
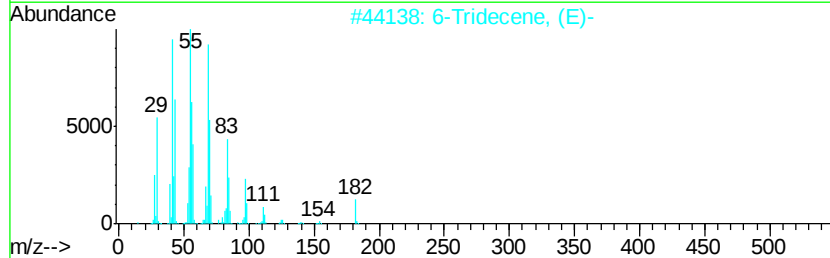
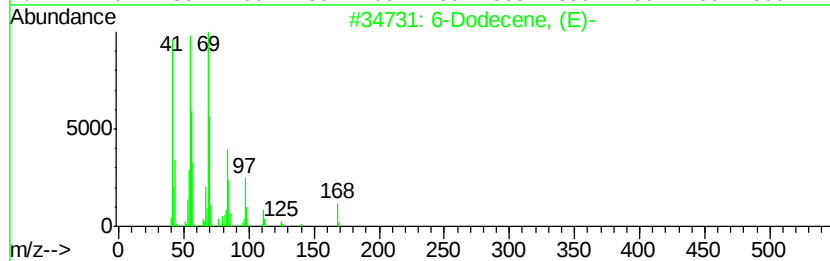
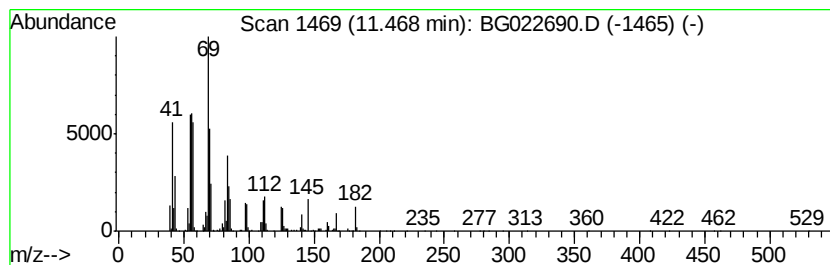
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 6-Dodecene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	29.36 ng	3985640	Napthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Dodecene, (E)-	168	C12H24	007206-17-9	91
2		6-Tridecene, (E)-	182	C13H26	006434-76-0	89
3		4-Nonene, 5-butyl-	182	C13H26	007367-38-6	78
4		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	70
5		6-Tridecene	182	C13H26	024949-38-0	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
Sample : H3768-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1-10-11

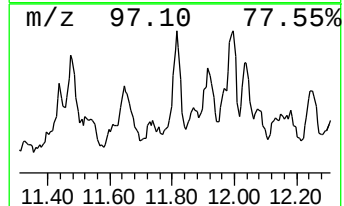
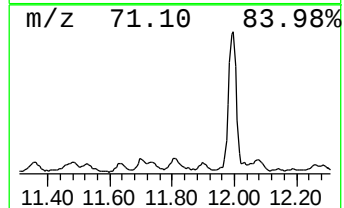
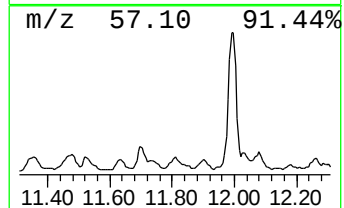
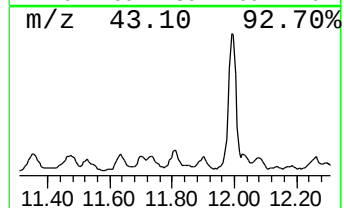
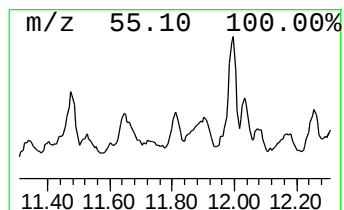
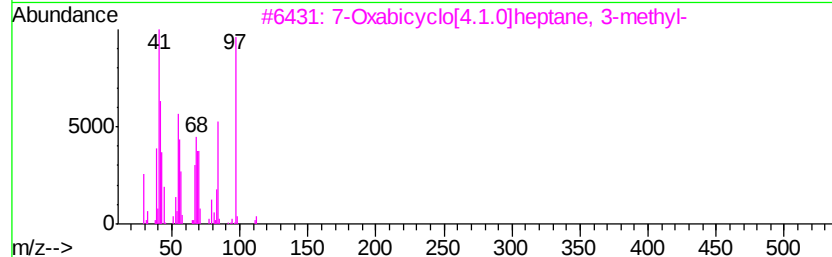
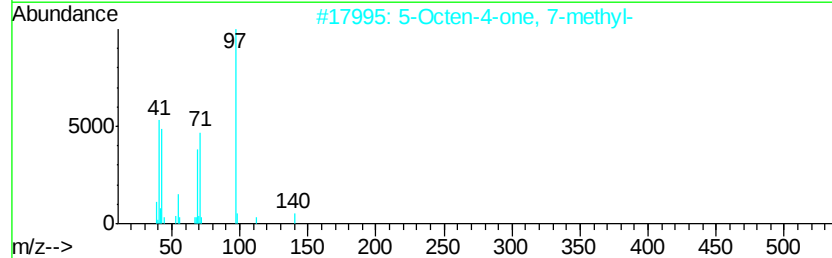
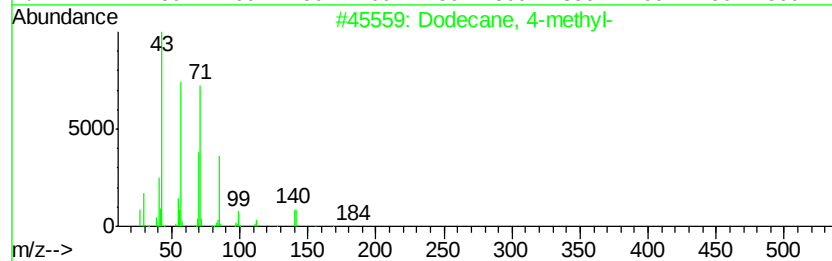
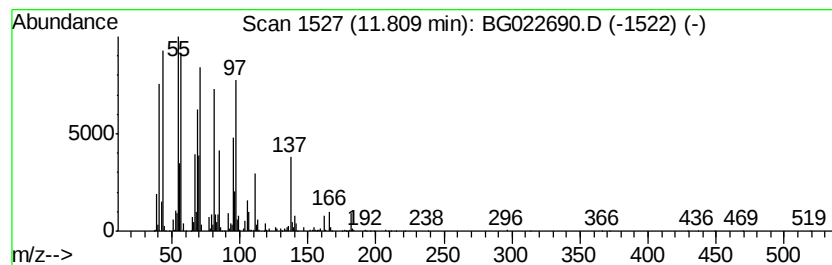
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	20.22 ng	2745000	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	55
2		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	27
3		7-Oxabicyclo[4.1.0]heptane, 3-methyl-	112	C7H12O	036099-51-1	25
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	22
5		Decane, 5-propyl-	184	C13H28	017312-62-8	20



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
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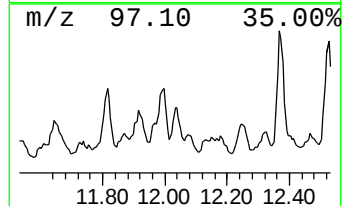
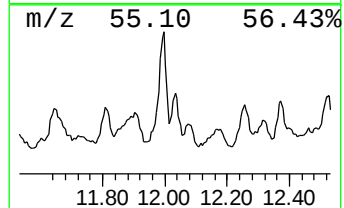
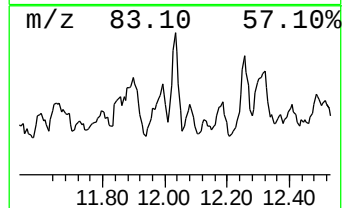
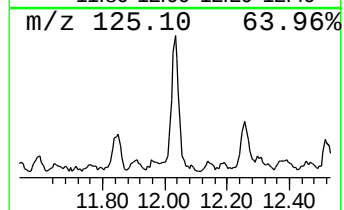
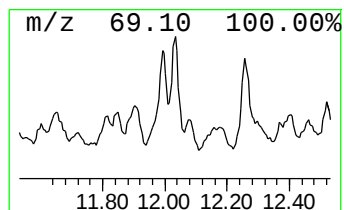
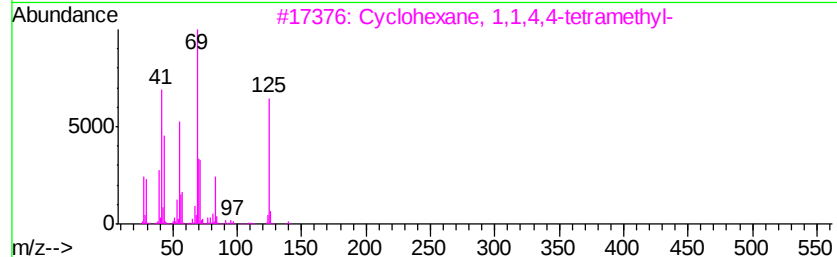
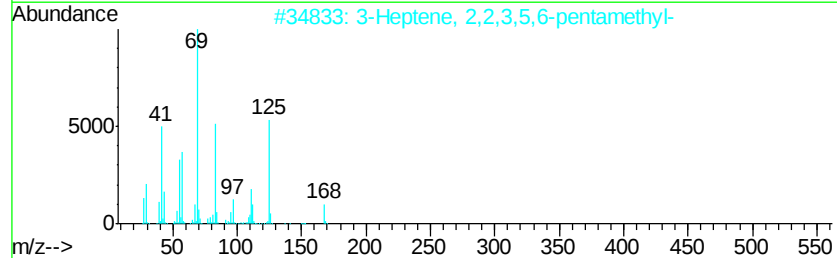
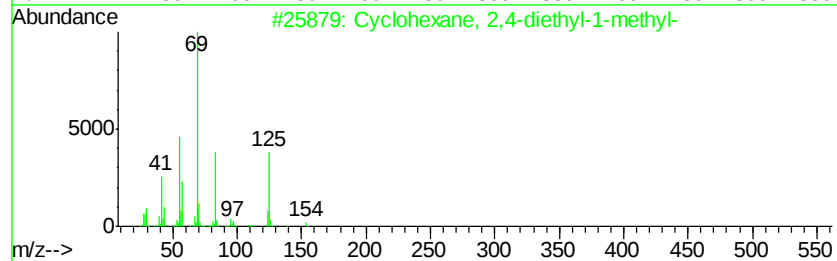
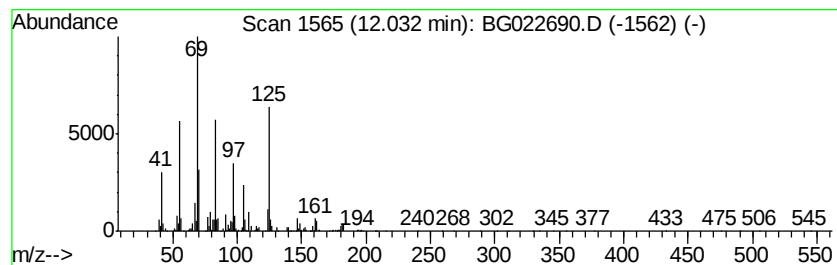
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, 2,4-diethyl-1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	24.07 ng	3267410	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	53
2		3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	53
3		Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	52
4		Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	50
5		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
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Misc :
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ClientSampleId :
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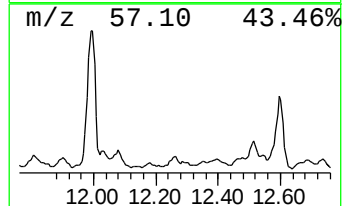
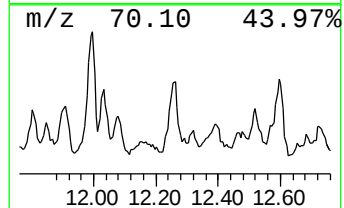
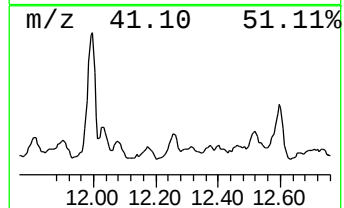
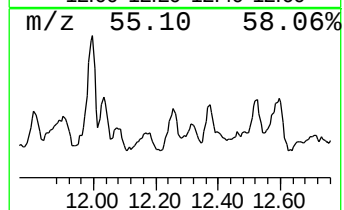
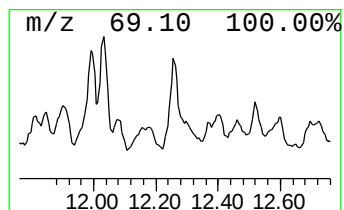
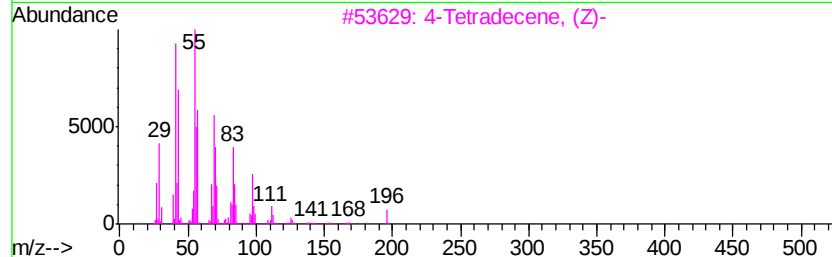
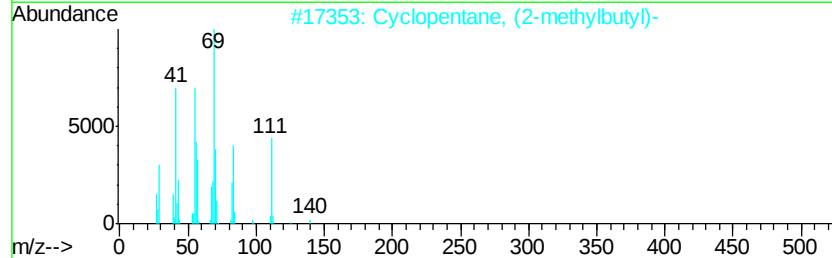
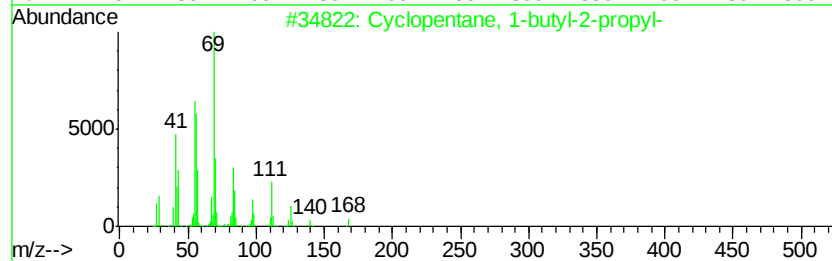
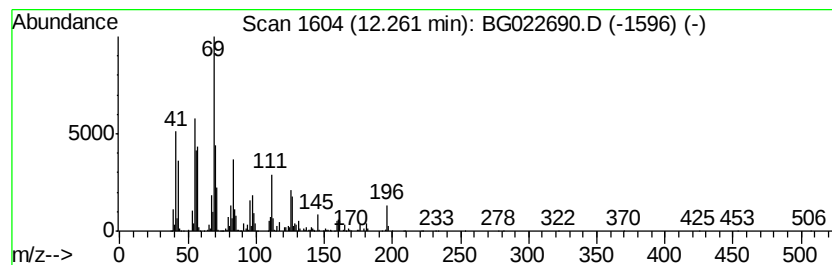
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopentane, 1-butyl-2-pro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	26.02 ng	3532800	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	74
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
3		4-Tetradecene, (Z)-	196	C14H28	041446-65-5	55
4		6-Tridecene, (Z)-	182	C13H26	006508-77-6	55
5		7-Tetradecene	196	C14H28	010374-74-0	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
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Misc :
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Instrument :
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ClientSampleId :
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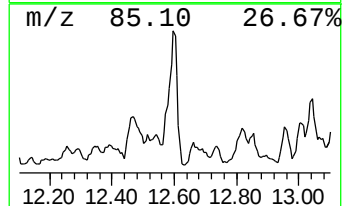
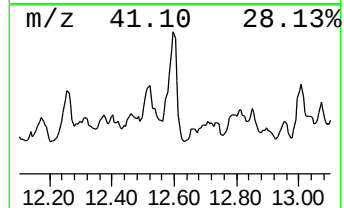
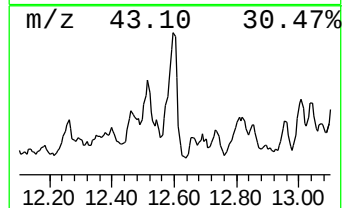
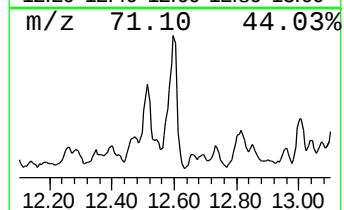
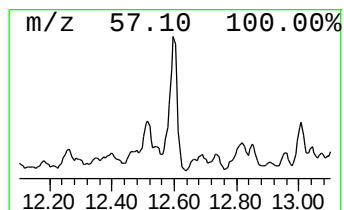
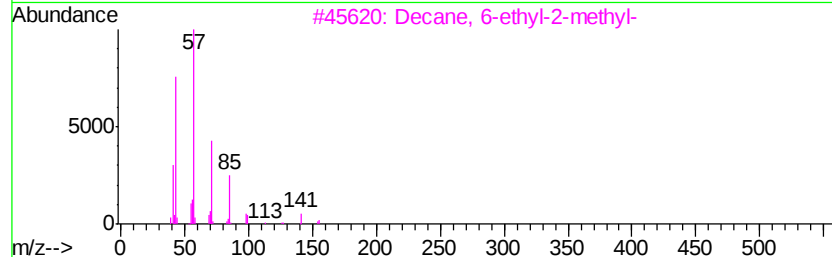
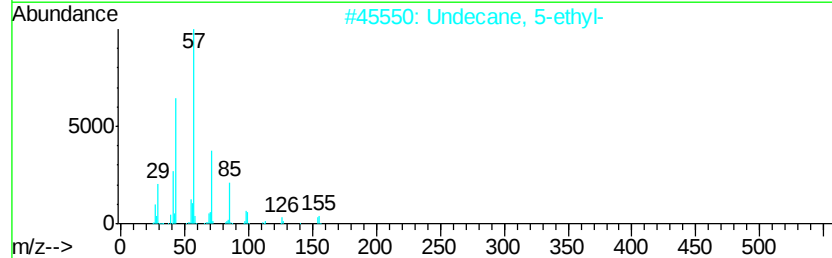
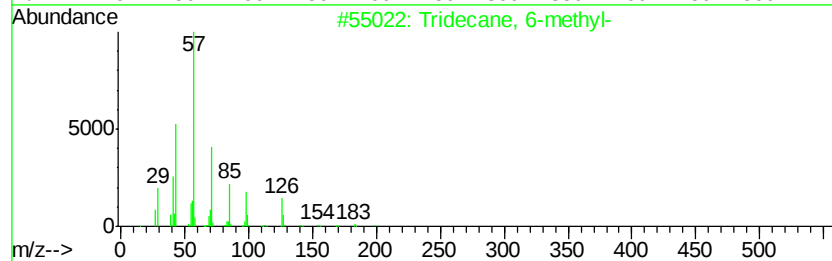
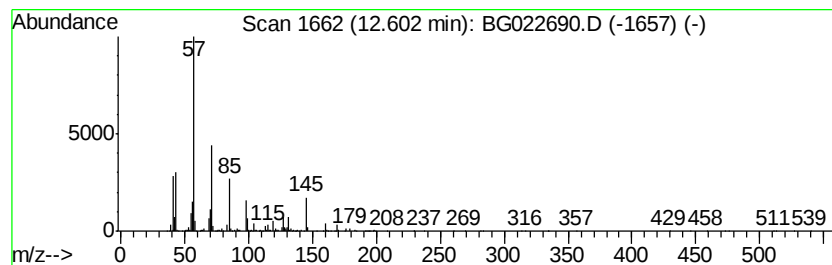
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	45.83 ng	6221960	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
5		Eicosane	282	C20H42	000112-95-8	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
Sample : H3768-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
B1-10-11

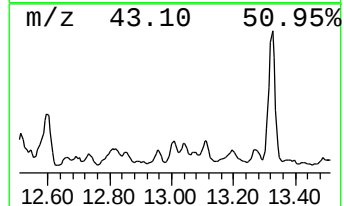
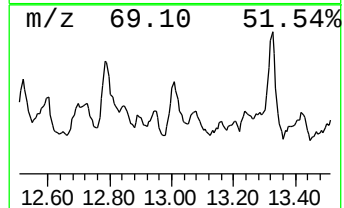
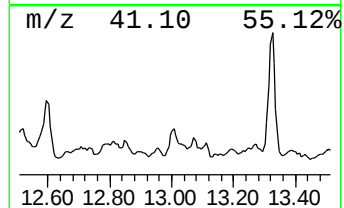
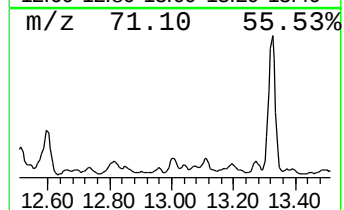
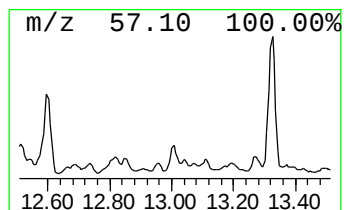
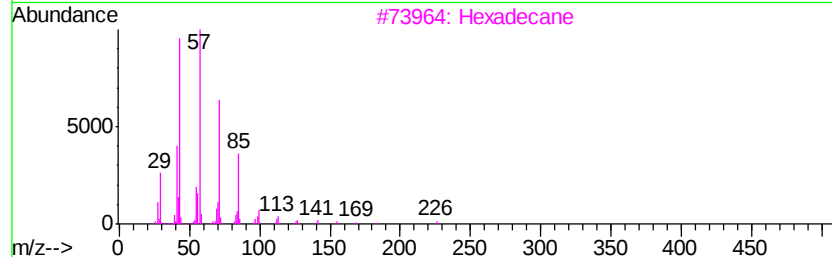
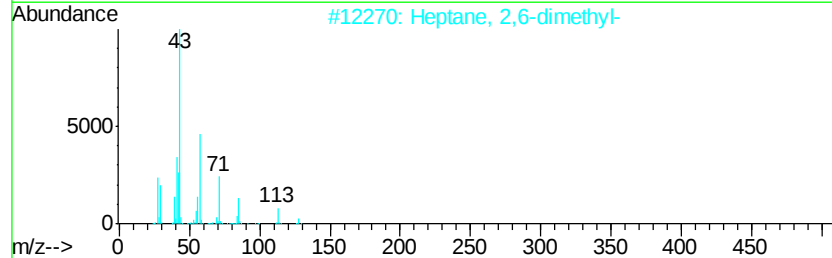
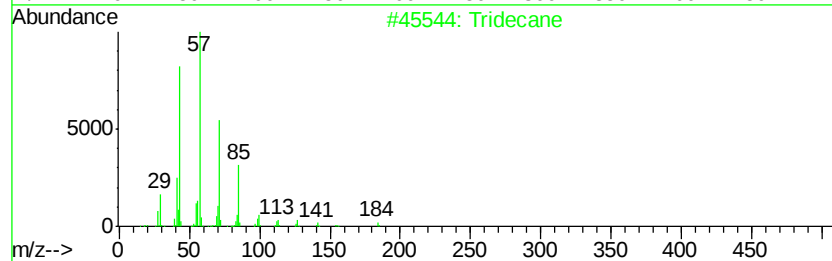
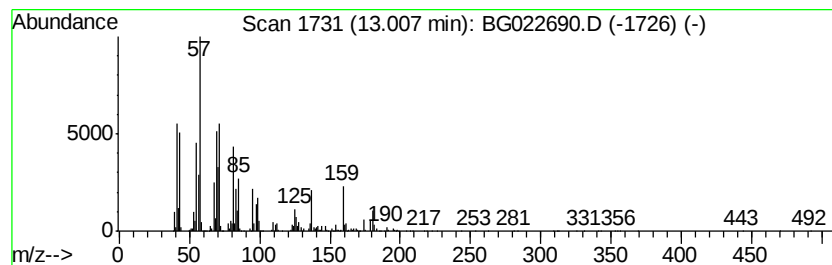
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	23.87 ng	2946150	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	35
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	30
3		Hexadecane	226	C16H34	000544-76-3	27
4		Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	27
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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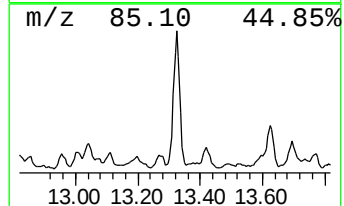
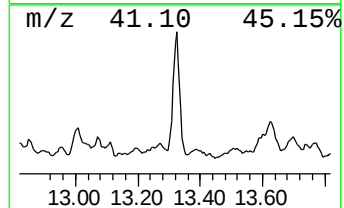
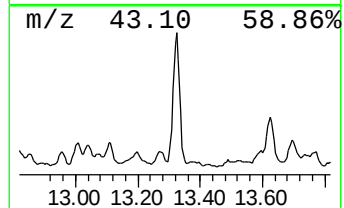
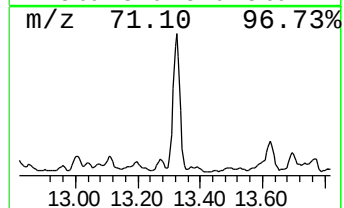
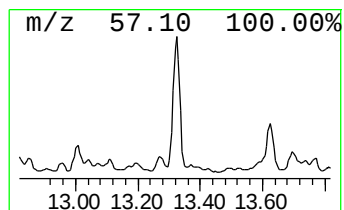
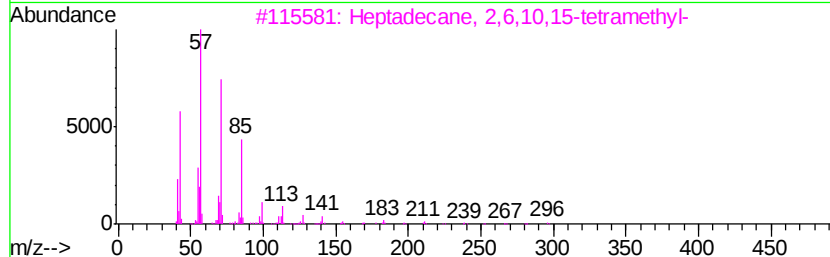
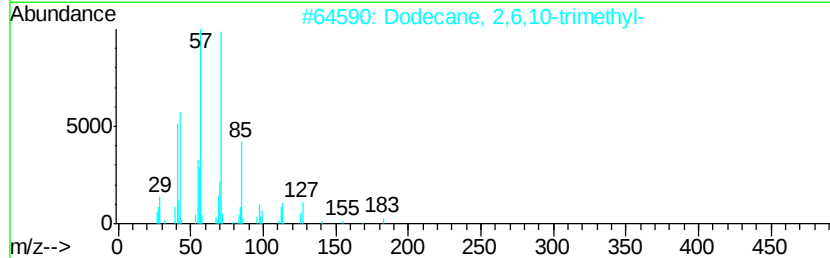
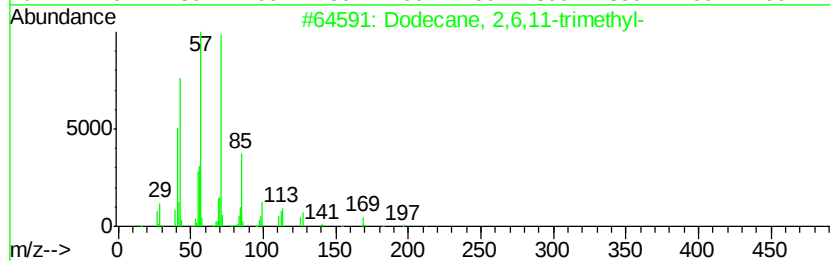
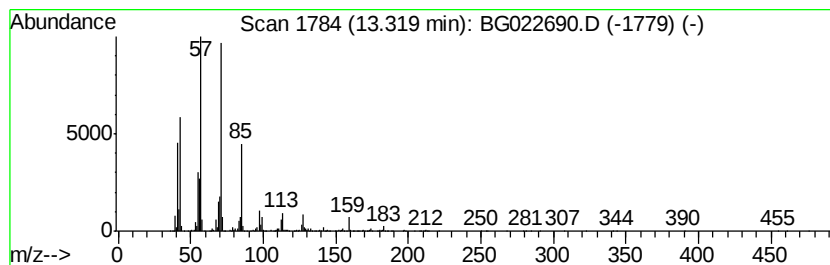
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	87.32 ng	10775400	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62
5		Decane, 5-propyl-	184	C13H28	017312-62-8	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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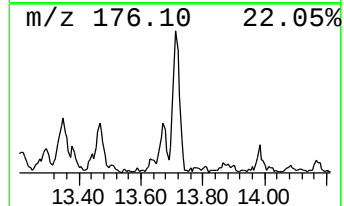
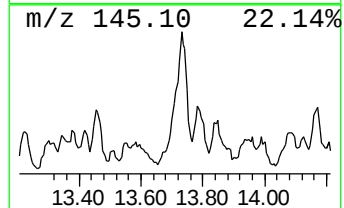
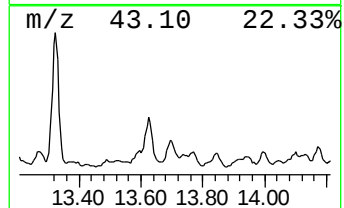
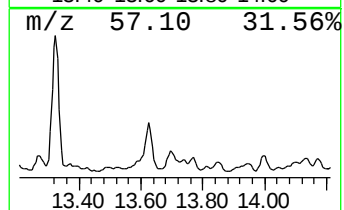
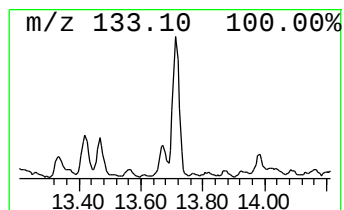
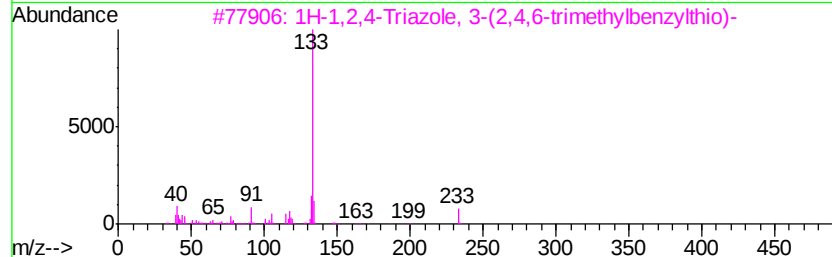
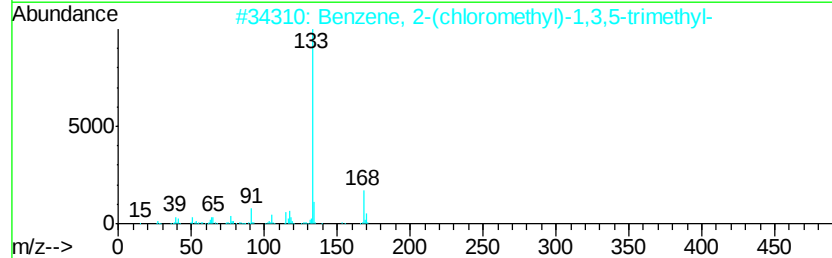
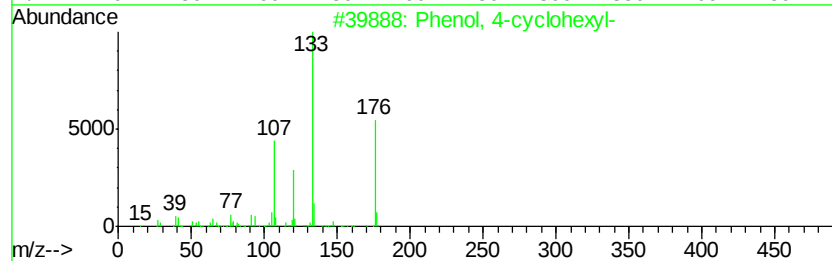
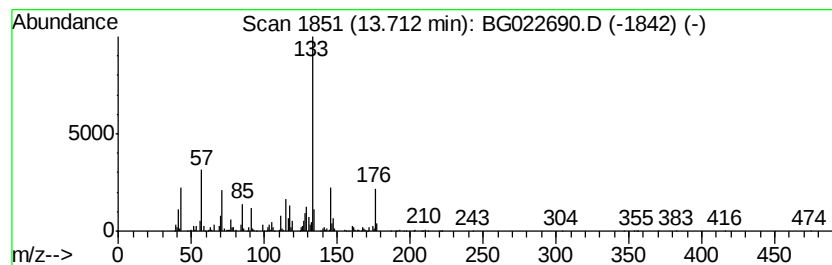
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.71 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	22.80 ng	2813490	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-cyclohexyl-	176	C12H16O	001131-60-8	38
2		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	35
3		1H-1,2,4-Triazole, 3-(2,4,6-trim...	233	C12H15N3S	309920-46-5	35
4		6-Aminoindazole	133	C7H7N3	006967-12-0	30
5		4-Ethylbenzoic acid, pent-2-en-4...	214	C14H14O2	1000292-54-2	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
Sample : H3768-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1-10-11

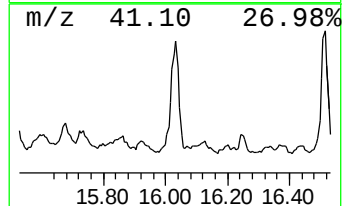
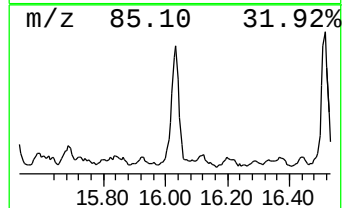
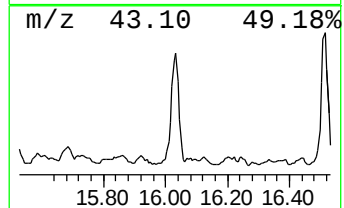
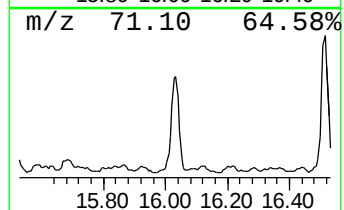
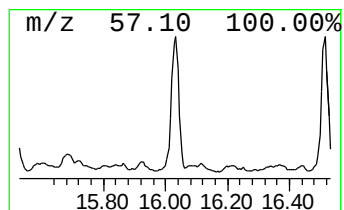
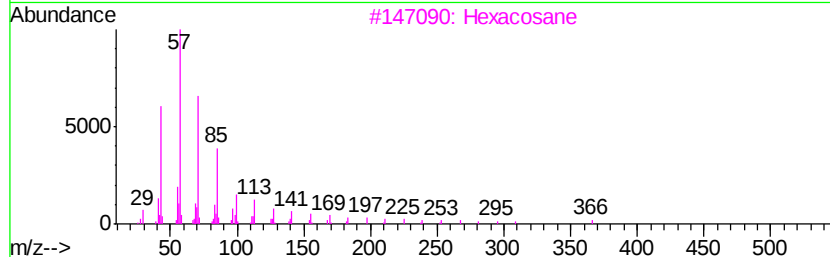
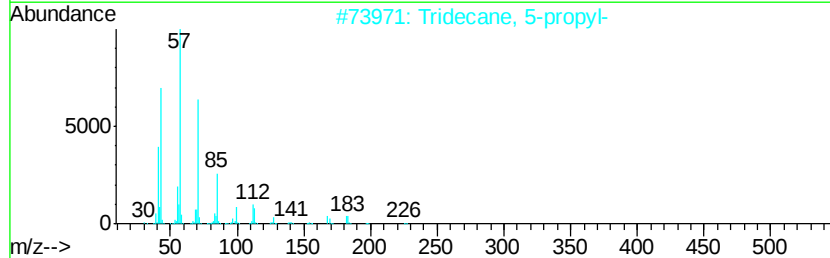
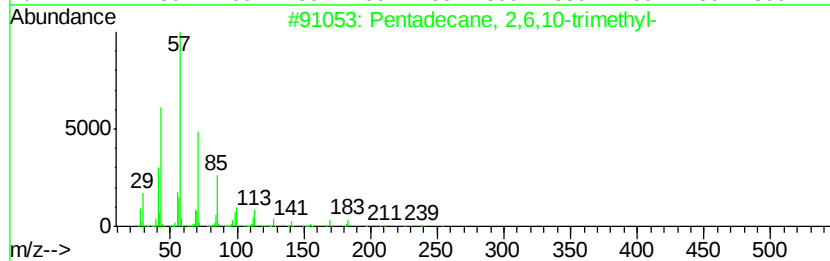
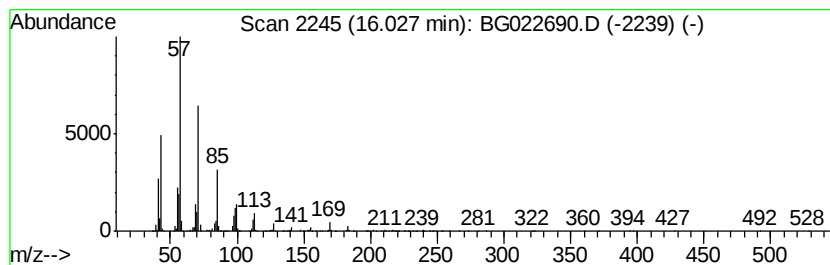
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	47.97 ng	5919320	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3		Hexacosane	366	C26H54	000630-01-3	86
4		Heptacosane	380	C27H56	000593-49-7	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022690.D
Acq On : 29 Jun 2016 00:26
Operator : UM/SJ
Sample : H3768-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1-10-11

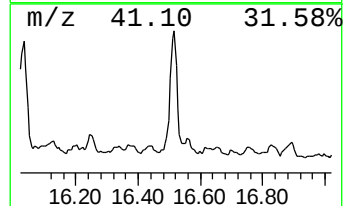
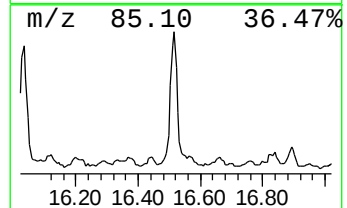
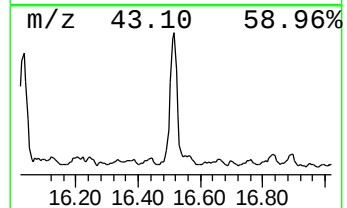
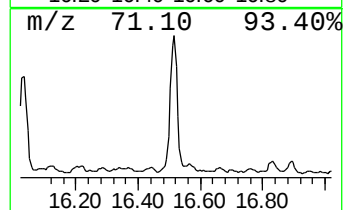
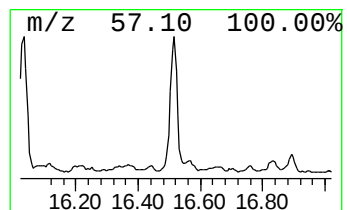
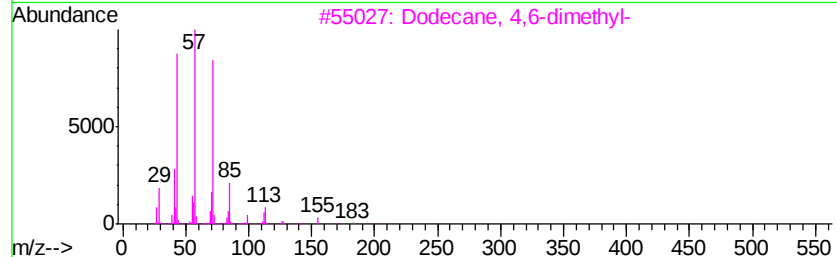
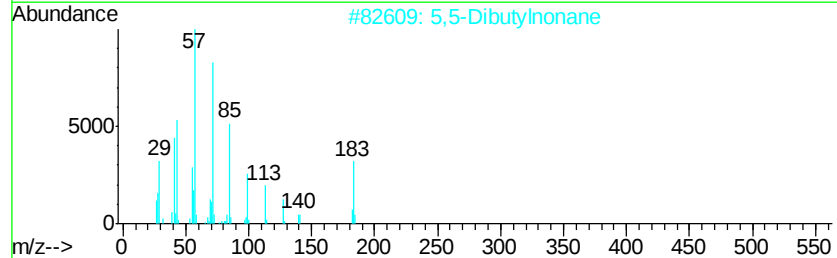
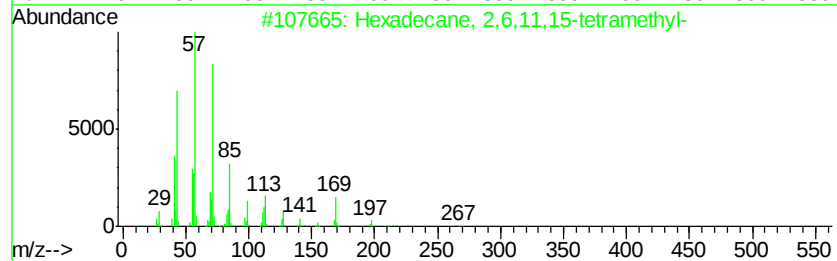
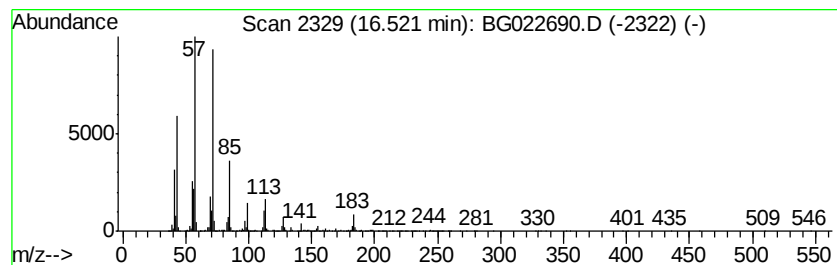
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 2,6,11,15-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	46.05 ng	6203260	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
2		5,5-Dibutylnonane	240	C17H36	006008-17-9	86
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
 Data File : BG022690.D
 Acq On : 29 Jun 2016 00:26
 Operator : UM/SJ
 Sample : H3768-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-10-11

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 2-methyl-	9.63	34.0	ng	4620590	2	10.99	2715070	20.0
Decane, 3,7-dimet...	9.81	34.9	ng	4736780	2	10.99	2715070	20.0
cis-Decalin, 2-sy...	9.90	36.9	ng	5004190	2	10.99	2715070	20.0
Tridecane, 3-methyl-	10.04	20.4	ng	2771330	2	10.99	2715070	20.0
trans-4a-Methyl-d...	10.16	33.8	ng	4588320	2	10.99	2715070	20.0
3-Dodecene, (E)-	10.55	22.1	ng	3005180	2	10.99	2715070	20.0
Tridecane, 5-methyl-	10.69	26.8	ng	3639720	2	10.99	2715070	20.0
Undecane, 2,6-dim...	11.13	97.9	ng	13284800	2	10.99	2715070	20.0
Benzene, 2,4-diet...	11.20	28.2	ng	3823180	2	10.99	2715070	20.0
6-Dodecene, (E)-	11.47	29.4	ng	3985640	2	10.99	2715070	20.0
Dodecane, 4-methyl-	11.81	20.2	ng	2745000	2	10.99	2715070	20.0
Cyclohexane, 2,4-...	12.03	24.1	ng	3267410	2	10.99	2715070	20.0
Cyclopentane, 1-b...	12.26	26.0	ng	3532800	2	10.99	2715070	20.0
Tridecane, 6-methyl-	12.60	45.8	ng	6221960	2	10.99	2715070	20.0
unknown13.01	13.01	23.9	ng	2946150	3	14.80	2468030	20.0
Dodecane, 2,6,11-...	13.32	87.3	ng	10775400	3	14.80	2468030	20.0
unknown13.71	13.71	22.8	ng	2813490	3	14.80	2468030	20.0
Pentadecane, 2,6,...	16.03	48.0	ng	5919320	3	14.80	2468030	20.0
Hexadecane, 2,6,1...	16.52	46.0	ng	6203260	4	17.56	2694160	20.0