

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021708.D
 Acq On : 16 Apr 2016 8:47
 Operator : UM/SJ
 Sample : H2558-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-7.5-8

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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	3.099	39	44	63	rBV	2798383	4641827	29.18%	1.507%
2	5.772	492	499	505	rVB	897516	1502822	9.45%	0.488%
3	6.207	568	573	583	rVB2	1134130	1986819	12.49%	0.645%
4	6.841	676	681	691	rVB4	505772	1192841	7.50%	0.387%
5	7.188	736	740	746	rVV	836712	1452229	9.13%	0.471%
6	7.300	754	759	764	rVV	1013476	1687804	10.61%	0.548%
7	7.364	764	770	777	rVV3	1450286	3202437	20.13%	1.039%
8	7.752	831	836	843	rVB3	619151	1191719	7.49%	0.387%
9	7.829	843	849	853	rBV	2387597	4068706	25.58%	1.321%
10	7.864	853	855	863	rVB	1435963	1971536	12.39%	0.640%
11	8.116	888	898	904	rBV2	440877	1063190	6.68%	0.345%
12	8.181	904	909	918	rVB	878655	1479712	9.30%	0.480%
13	8.340	931	936	942	rBV3	600959	1216775	7.65%	0.395%
14	8.739	995	1004	1006	rBV2	787530	1832302	11.52%	0.595%
15	8.863	1019	1025	1031	rBV2	2057710	3882286	24.41%	1.260%
16	8.980	1038	1045	1049	rBV	900179	1690987	10.63%	0.549%
17	9.227	1082	1087	1094	rVB	701392	1451872	9.13%	0.471%
18	9.333	1094	1105	1110	rBV	1540316	3539702	22.25%	1.149%
19	9.450	1111	1125	1130	rVB3	4035448	9225589	58.00%	2.994%
20	9.579	1135	1147	1155	rBV6	976262	3115866	19.59%	1.011%
21	9.697	1155	1167	1176	rVV8	708956	2767028	17.39%	0.898%
22	9.797	1176	1184	1189	rVV7	383484	1143258	7.19%	0.371%
23	9.861	1189	1195	1200	rVV	1058518	1981568	12.46%	0.643%
24	9.920	1200	1205	1208	rVV	914975	1655091	10.40%	0.537%
25	9.961	1208	1212	1221	rVB2	1005437	2103754	13.23%	0.683%
26	10.114	1228	1238	1241	rBV3	520154	1477602	9.29%	0.480%
27	10.155	1241	1245	1250	rVV2	995353	1759310	11.06%	0.571%
28	10.226	1250	1257	1262	rVV3	1058571	2358843	14.83%	0.766%
29	10.284	1262	1267	1276	rVV5	1309365	3353160	21.08%	1.088%
30	10.373	1276	1282	1287	rVV2	1050211	2218520	13.95%	0.720%
31	10.443	1287	1294	1300	rVV4	2214562	4785606	30.08%	1.553%
32	10.496	1300	1303	1307	rVB2	777600	1122537	7.06%	0.364%
33	10.549	1307	1312	1316	rBV	819565	1311486	8.24%	0.426%
34	10.678	1328	1334	1339	rVB	1201109	2054845	12.92%	0.667%

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35	10.737	1339	1344	1351	rVB3	570589	1298486	8.16%	0.421%
36	10.813	1351	1357	1366	rBV5	562968	1455356	9.15%	0.472%
37	11.007	1383	1390	1396	rVB2	5352258	10401214	65.39%	3.376%
38	11.101	1402	1406	1410	rVB4	663170	1140533	7.17%	0.370%
39	11.183	1410	1420	1426	rVB2	1972617	5291754	33.27%	1.718%
40	11.254	1426	1432	1438	rBV2	824085	1857511	11.68%	0.603%
41	11.512	1471	1476	1483	rVB2	1169764	2589105	16.28%	0.840%
42	11.624	1490	1495	1502	rVV4	537866	1444093	9.08%	0.469%
43	11.700	1503	1508	1509	rVV2	712243	1114920	7.01%	0.362%
44	11.736	1510	1514	1520	rVV5	1523210	3671806	23.08%	1.192%
45	11.783	1520	1522	1530	rVB3	564920	1213996	7.63%	0.394%
46	11.865	1530	1536	1543	rBV4	1442455	2858034	17.97%	0.928%
47	11.941	1543	1549	1556	rBV3	1780155	3856264	24.24%	1.252%
48	12.041	1561	1566	1570	rVV	1981587	3429450	21.56%	1.113%
49	12.082	1570	1573	1578	rVV3	782607	1281922	8.06%	0.416%
50	12.135	1578	1582	1588	rVB2	785039	1413190	8.88%	0.459%
51	12.229	1591	1598	1603	rBV2	2531858	4441279	27.92%	1.442%
52	12.441	1624	1634	1639	rBV	5878627	11402410	71.68%	3.701%
53	12.576	1652	1657	1662	rVB2	951550	1713951	10.77%	0.556%
54	12.646	1666	1669	1673	rVV3	982587	1483593	9.33%	0.482%
55	12.688	1673	1676	1683	rVB3	994205	1701407	10.70%	0.552%
56	12.934	1714	1718	1722	rVB2	1554860	2366152	14.87%	0.768%
57	13.052	1733	1738	1742	rBV3	944159	1563920	9.83%	0.508%
58	13.228	1765	1768	1774	rVB2	1631735	2415664	15.19%	0.784%
59	13.310	1778	1782	1786	rBV2	1161711	1807431	11.36%	0.587%
60	13.369	1788	1792	1801	rVV2	1980776	4108387	25.83%	1.333%
61	13.463	1804	1808	1818	rVV3	1110286	2257894	14.19%	0.733%
62	13.663	1834	1842	1848	rVB	6142694	11559484	72.67%	3.752%
63	13.786	1859	1863	1869	rVB3	1053822	1751865	11.01%	0.569%
64	14.121	1915	1920	1924	rBV5	783648	1728563	10.87%	0.561%
65	14.168	1924	1928	1932	rVV3	1422623	2742986	17.24%	0.890%
66	14.215	1932	1936	1940	rVB2	1543023	2354212	14.80%	0.764%
67	14.303	1948	1951	1954	rVB2	2407878	3004992	18.89%	0.975%
68	14.344	1954	1958	1964	rVB2	1972236	2999325	18.86%	0.973%
69	14.415	1964	1970	1975	rVB3	1815403	3050063	19.17%	0.990%
70	14.662	2007	2012	2016	rBV6	453401	1064837	6.69%	0.346%
71	14.726	2016	2023	2029	rVB	7327126	11551210	72.62%	3.749%

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72	14.797	2030	2035	2039	rBV7	1007727	2259651	14.21%	0.733%
73	15.044	2073	2077	2083	rVB3	741385	1276465	8.02%	0.414%
74	15.155	2092	2096	2097	rBV2	763083	1035701	6.51%	0.336%
75	15.208	2102	2105	2111	rVV3	983528	1712983	10.77%	0.556%
76	15.326	2118	2125	2132	rBV4	1875524	4246561	26.70%	1.378%
77	15.390	2133	2136	2141	rVB	1072403	1560570	9.81%	0.507%
78	15.449	2141	2146	2151	rBV4	781322	1947290	12.24%	0.632%
79	15.672	2177	2184	2188	rVB	7027142	11168617	70.21%	3.625%
80	16.066	2243	2251	2255	rBV	2525194	5304640	33.35%	1.722%
81	16.154	2262	2266	2270	rVB	1042990	1470718	9.25%	0.477%
82	16.207	2272	2275	2283	rVV2	908842	1674953	10.53%	0.544%
83	16.277	2283	2287	2291	rVV2	1346180	1676222	10.54%	0.544%
84	16.530	2323	2330	2345	rVB	6699675	15907126	100.00%	5.163%
85	16.853	2381	2385	2389	rBV	971892	1633598	10.27%	0.530%
86	16.918	2393	2396	2402	rVB3	1076786	1581694	9.94%	0.513%
87	17.018	2409	2413	2419	rVB	1078563	1555839	9.78%	0.505%
88	17.082	2420	2424	2428	rBV2	918583	1370741	8.62%	0.445%
89	17.312	2457	2463	2467	rBV	6043703	9166607	57.63%	2.975%
90	17.364	2467	2472	2476	rVB	2569109	3652526	22.96%	1.185%
91	17.776	2538	2542	2549	rVB2	967069	1491562	9.38%	0.484%
92	17.840	2549	2553	2560	rBV2	902508	1555837	9.78%	0.505%
93	18.046	2583	2588	2593	rVB	5754710	8166233	51.34%	2.651%
94	18.728	2699	2704	2709	rBV	5014925	6574762	41.33%	2.134%
95	19.174	2776	2780	2785	rVB	777995	1074246	6.75%	0.349%
96	19.344	2804	2809	2814	rBV	4293595	5407323	33.99%	1.755%
97	19.914	2901	2906	2910	rVB	3209866	3905451	24.55%	1.268%
98	20.149	2942	2946	2953	rVB	1993663	2813237	17.69%	0.913%
99	20.437	2991	2995	2999	rVB	2281552	2593494	16.30%	0.842%
100	20.931	3075	3079	3083	rVB	1246728	1439482	9.05%	0.467%

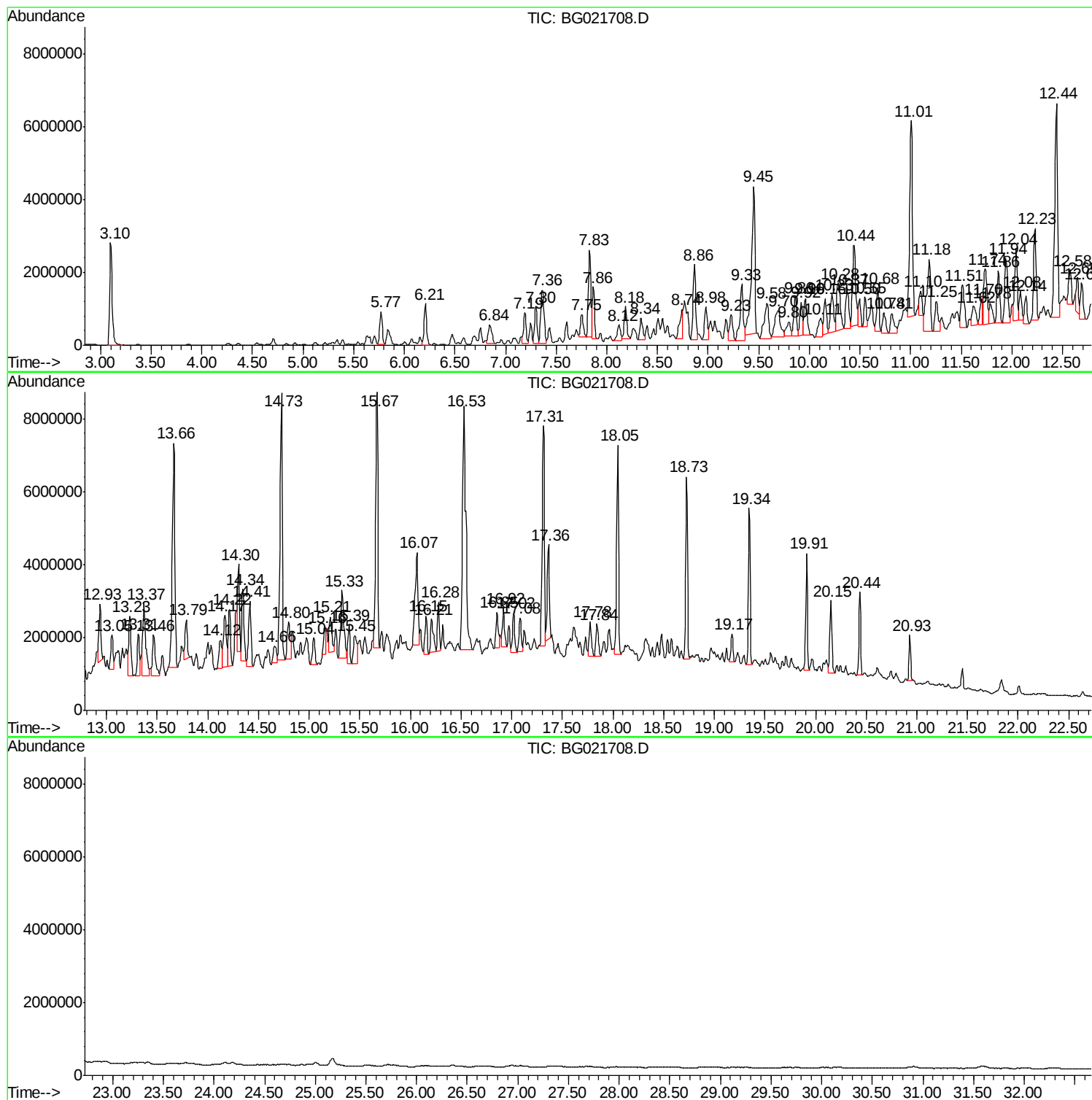
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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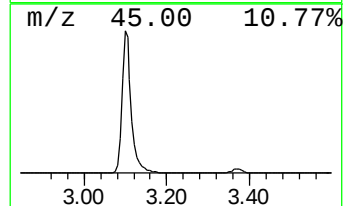
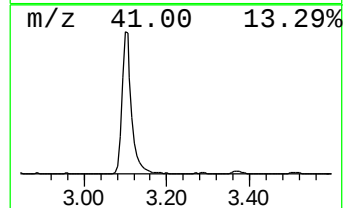
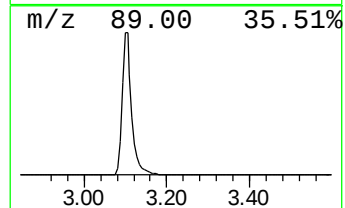
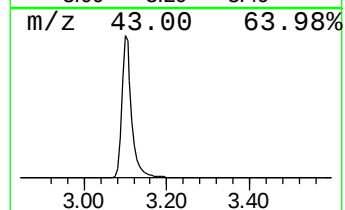
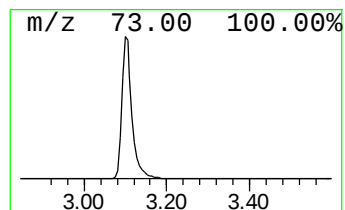
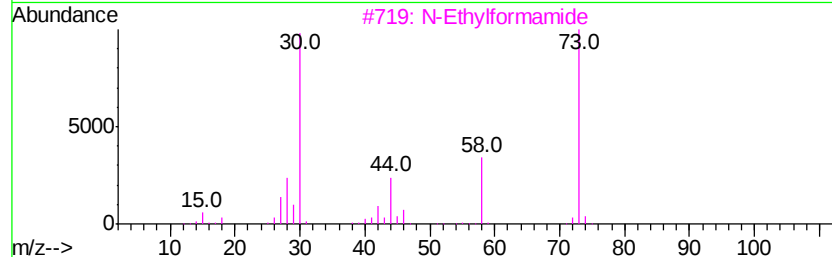
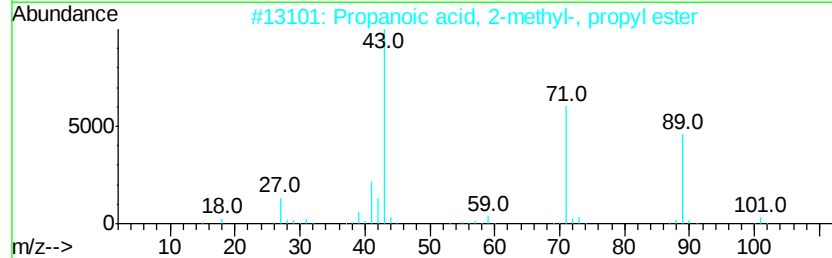
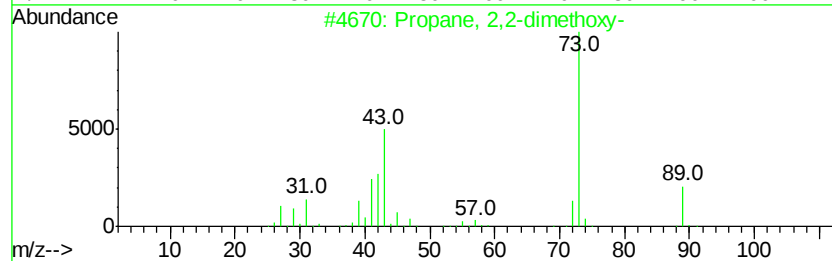
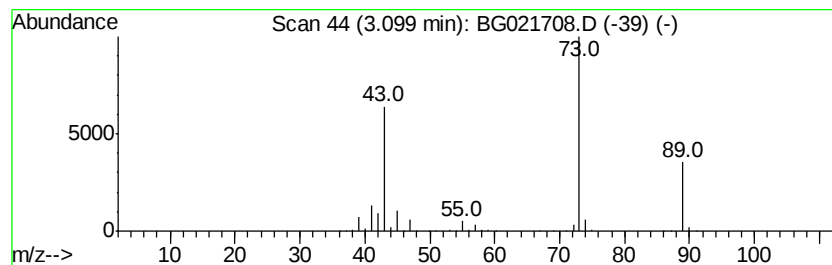
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	62.74 ng	4641830	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Propanoic acid, 2-methyl-, propyl ester	130	C7H14O2	000644-49-5	17
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5		Methylglyoxal	72	C3H4O2	000078-98-8	9



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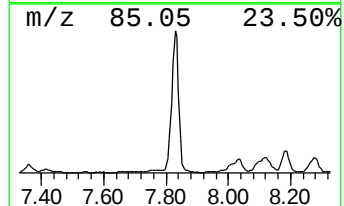
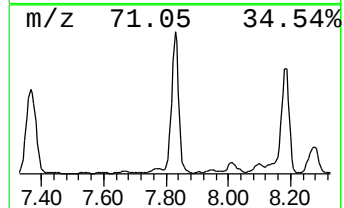
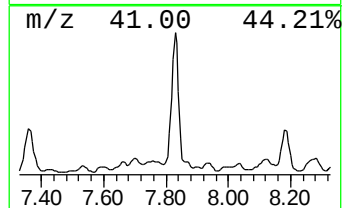
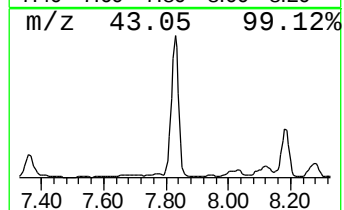
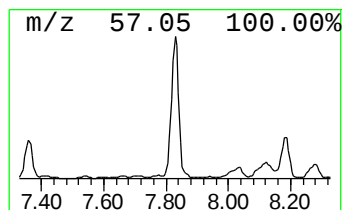
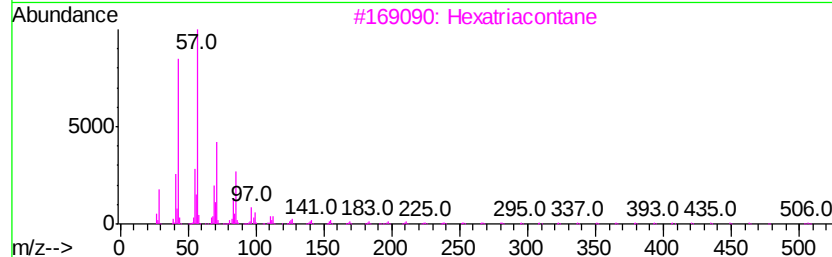
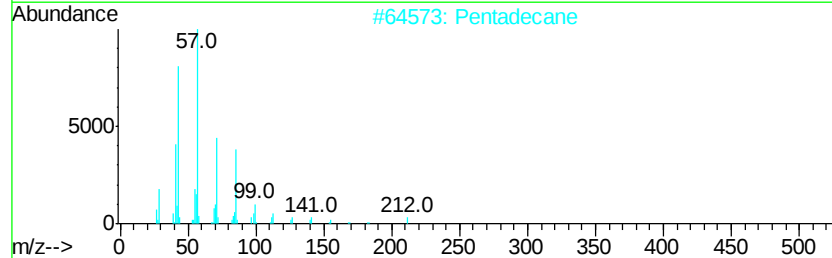
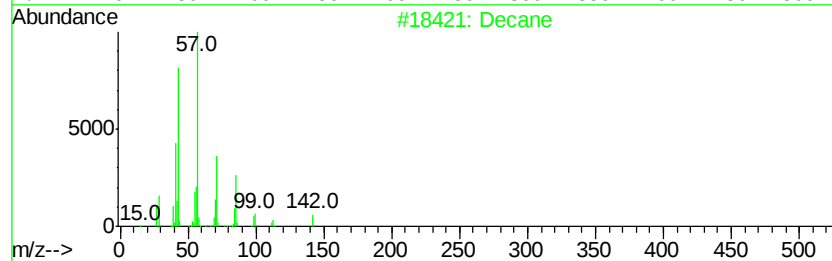
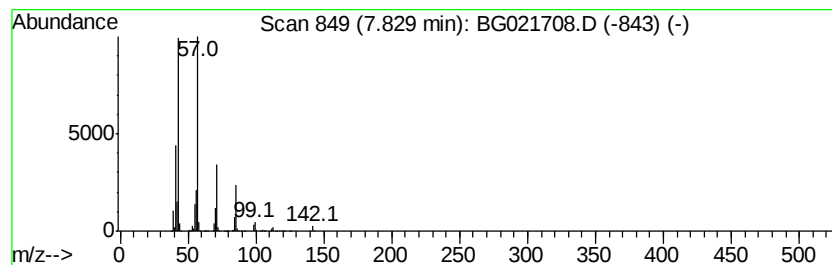
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	54.99 ng	4068710	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Pentadecane	212	C15H32	000629-62-9	72
3		Hexatriacontane	507	C36H74	000630-06-8	72
4		Undecane	156	C11H24	001120-21-4	72
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	64



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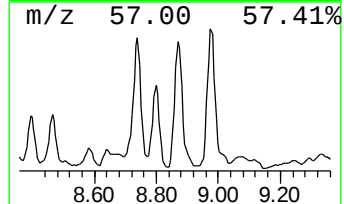
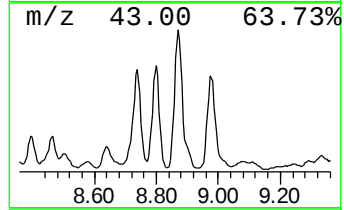
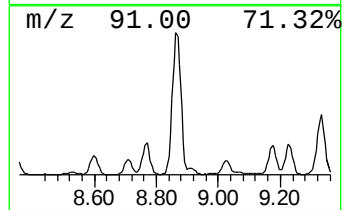
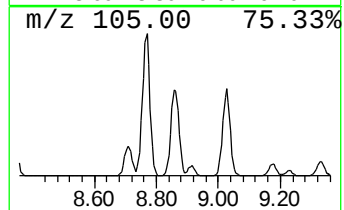
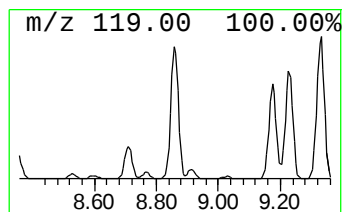
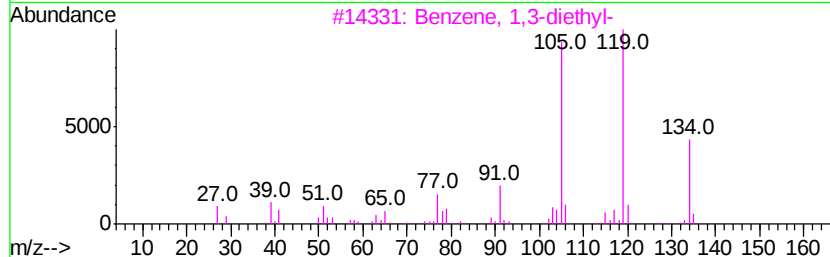
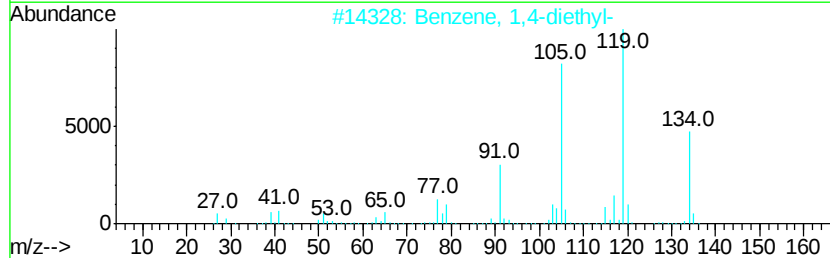
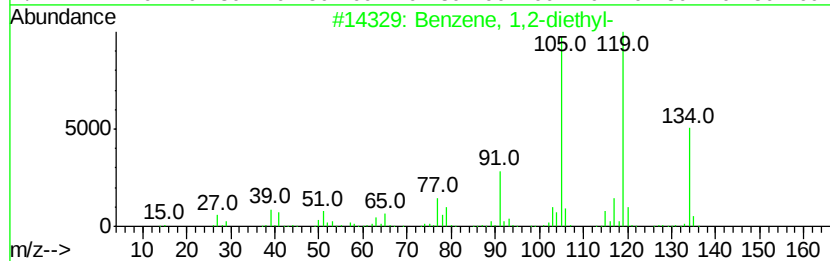
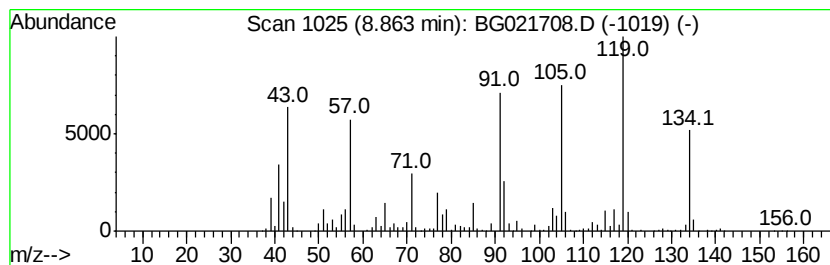
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	52.47 ng	3882290	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021708.D
Acq On : 16 Apr 2016 8:47
Operator : UM/SJ
Sample : H2558-03
Misc :
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ClientSampleId :
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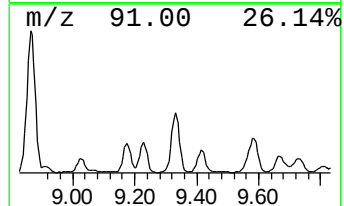
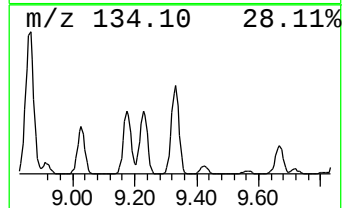
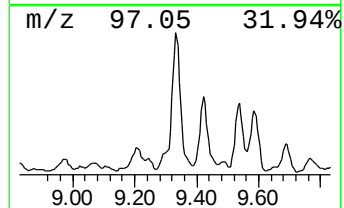
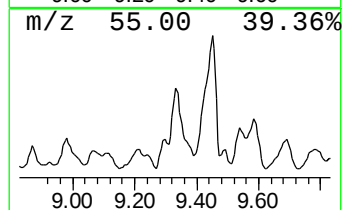
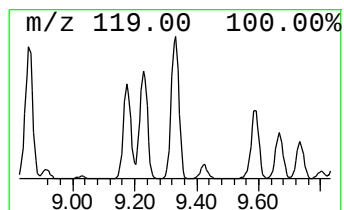
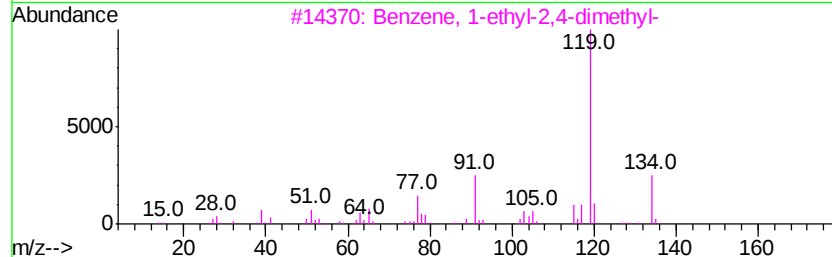
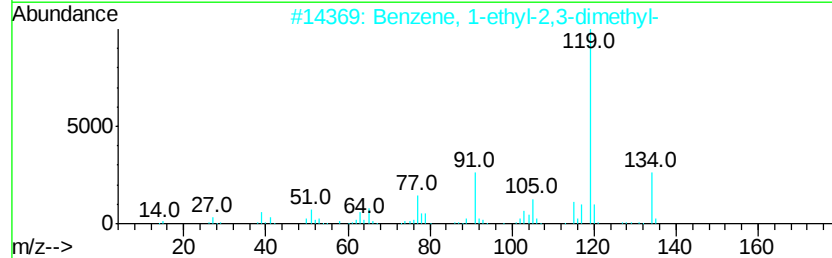
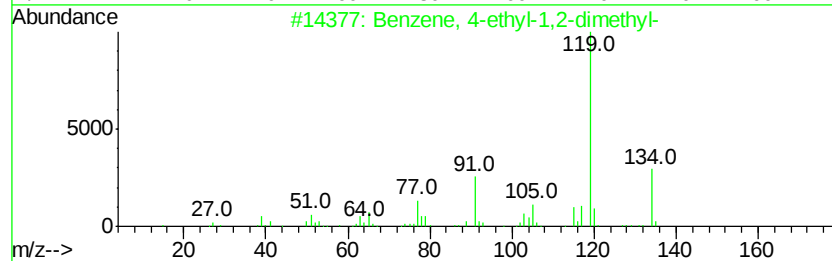
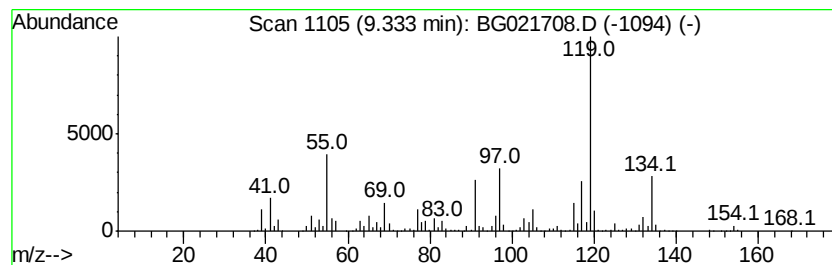
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	47.84 ng	3539700	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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ClientSampleId :
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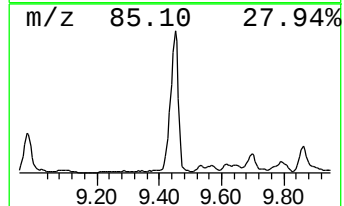
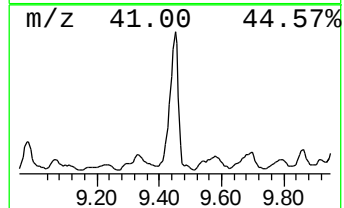
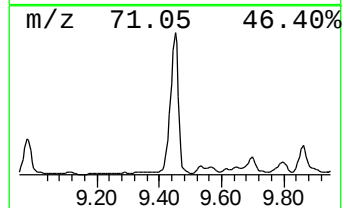
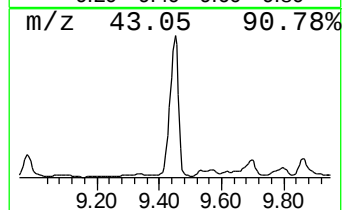
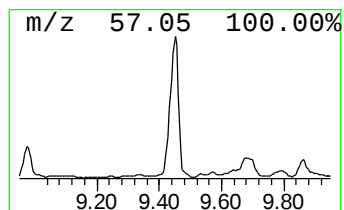
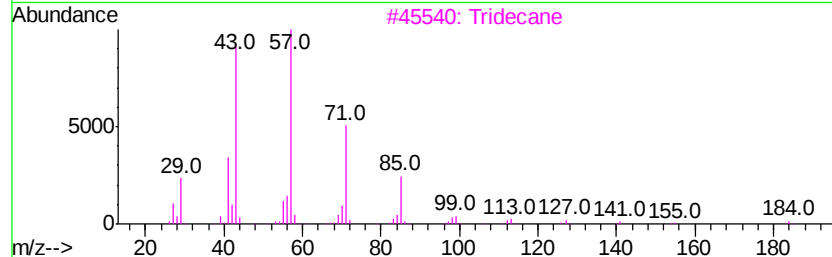
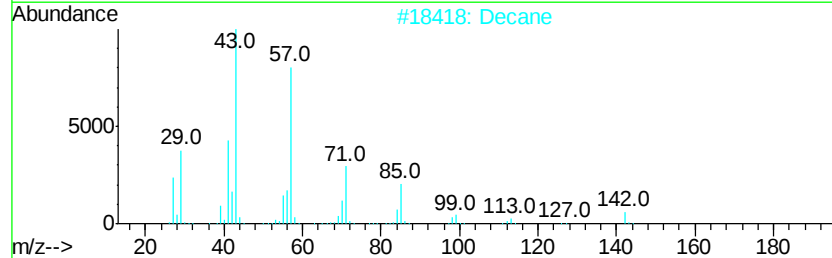
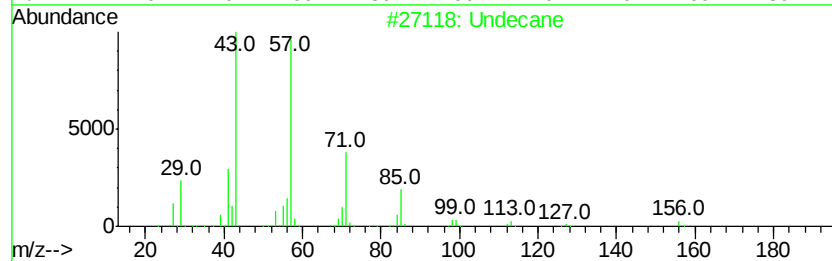
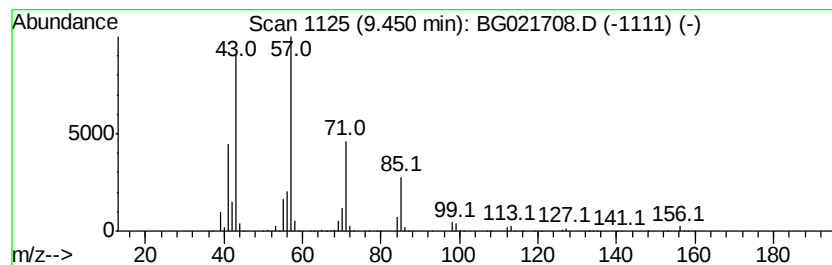
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	124.69 ng	9225590	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Decane	142	C10H22	000124-18-5	80
3		Tridecane	184	C13H28	000629-50-5	72
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021708.D
Acq On : 16 Apr 2016 8:47
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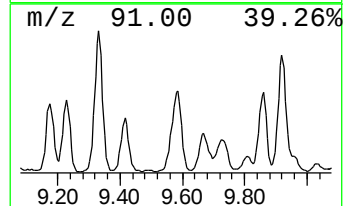
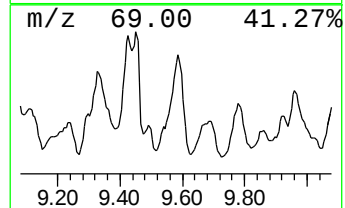
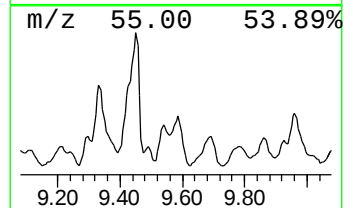
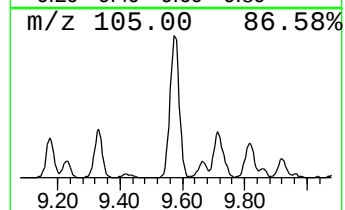
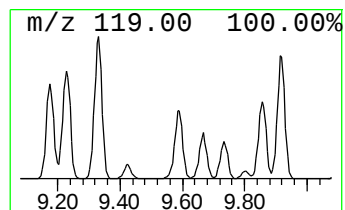
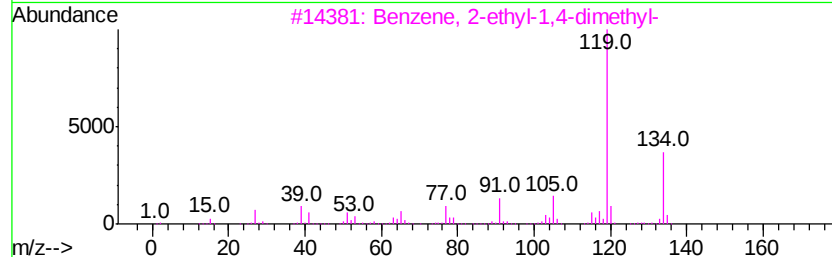
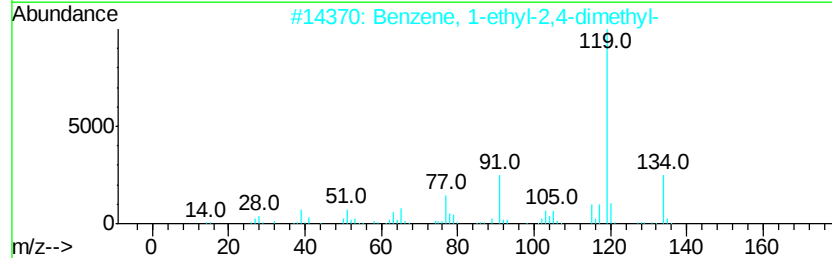
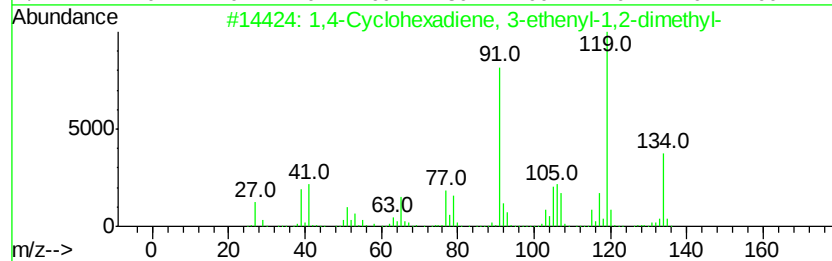
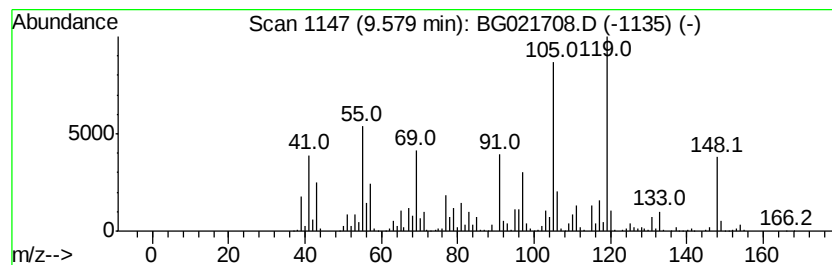
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	42.11 ng	3115870	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	58
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021708.D
Acq On : 16 Apr 2016 8:47
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Instrument :
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ClientSampleId :
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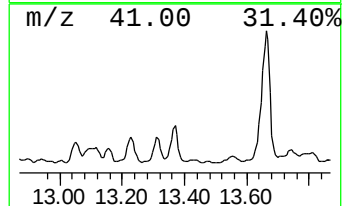
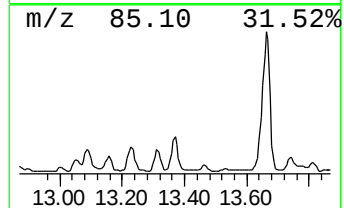
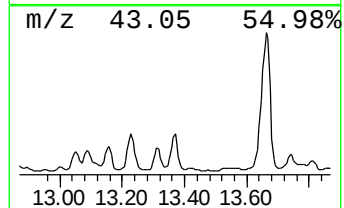
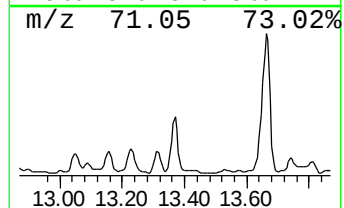
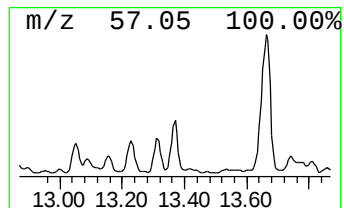
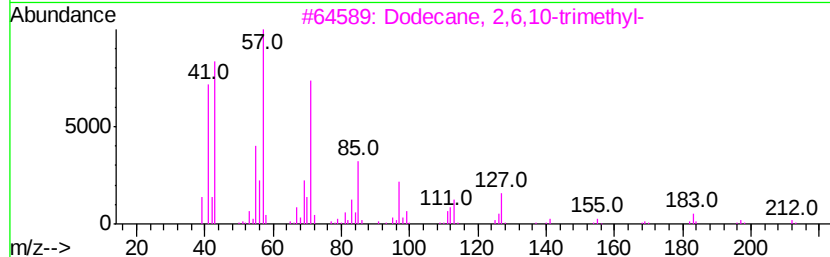
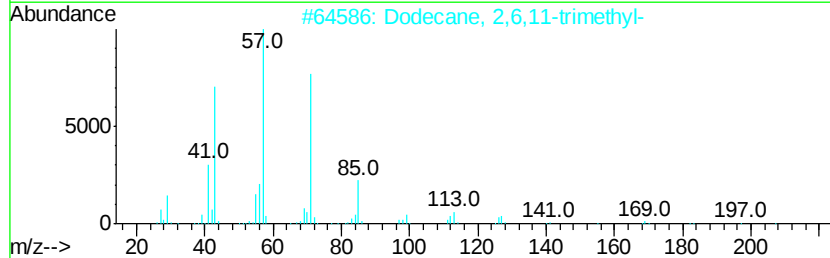
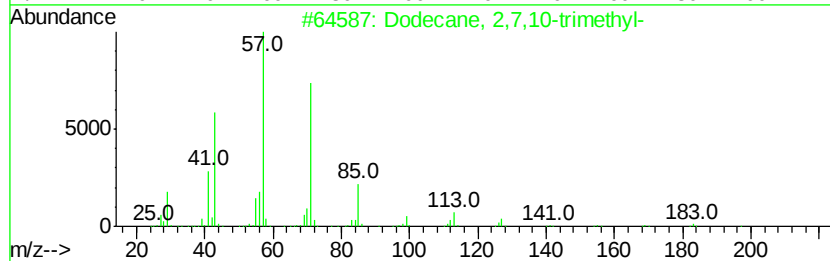
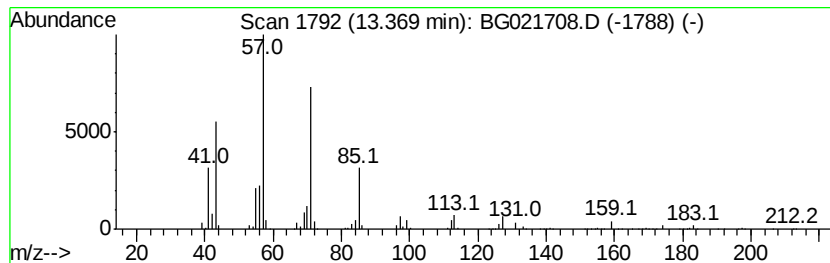
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	36.36 ng	4108390	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4		Decane, 5-propyl-	184	C13H28	017312-62-8	62
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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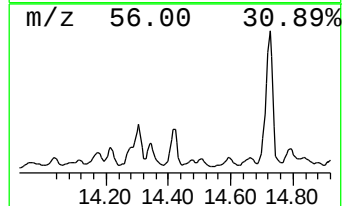
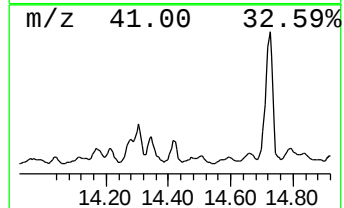
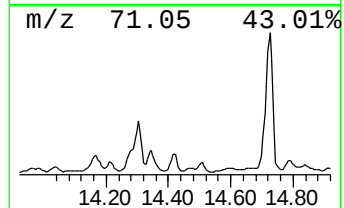
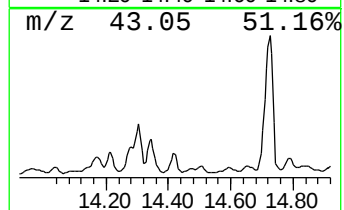
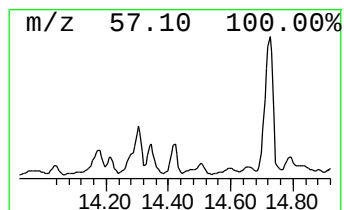
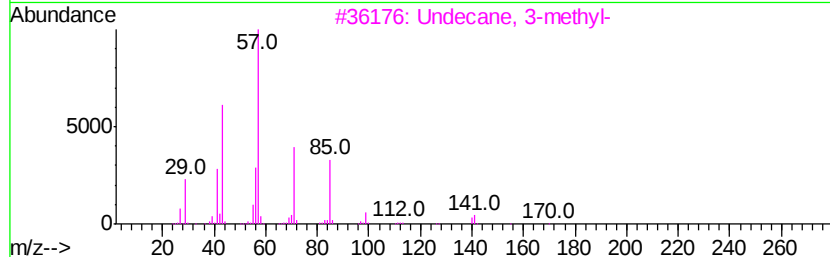
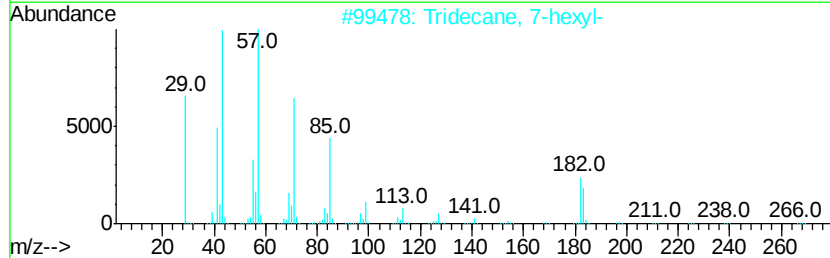
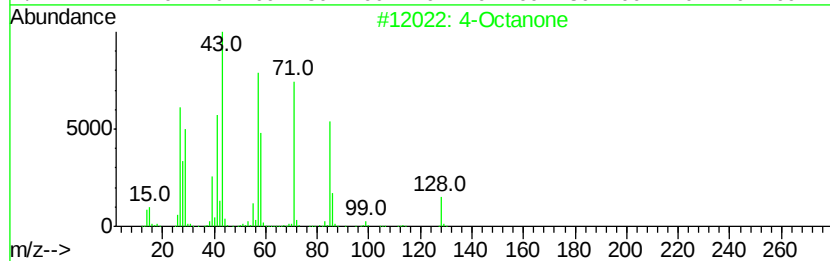
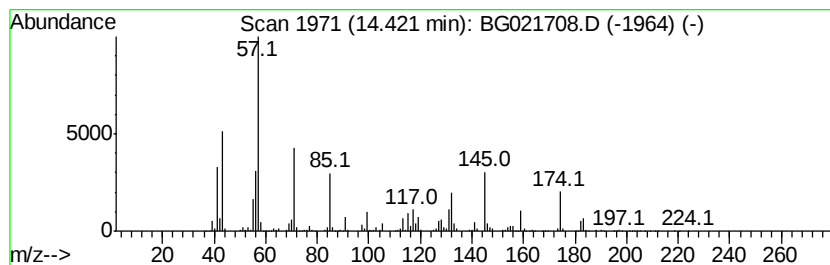
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.42 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.42	27.00 ng	3050060	Acenaphthene-d10	14.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octanone	128	C8H16O	000589-63-9	25
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	20
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	18
4	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	18
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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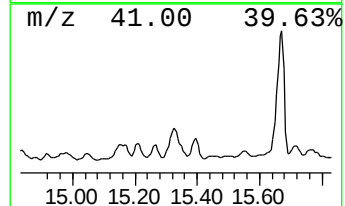
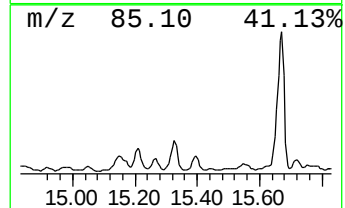
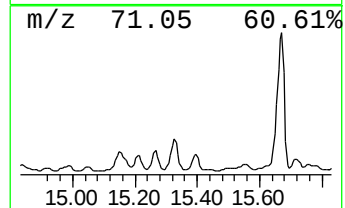
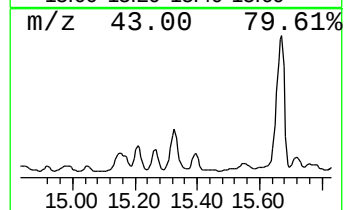
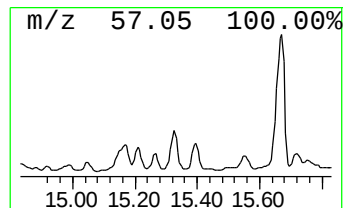
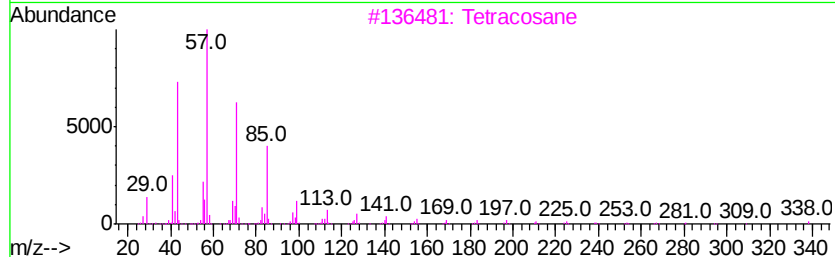
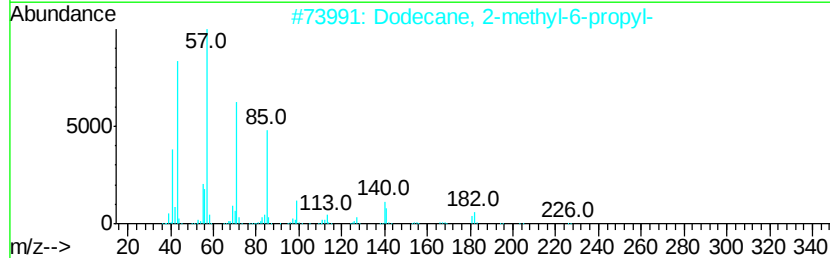
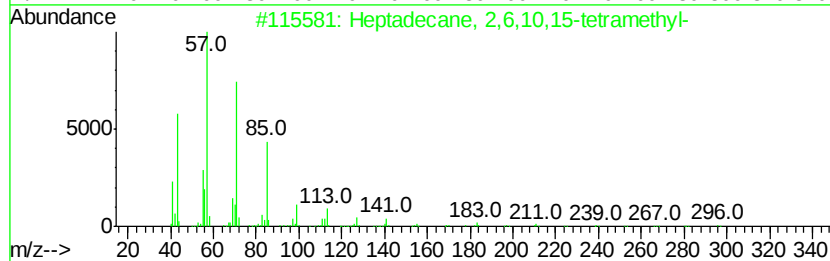
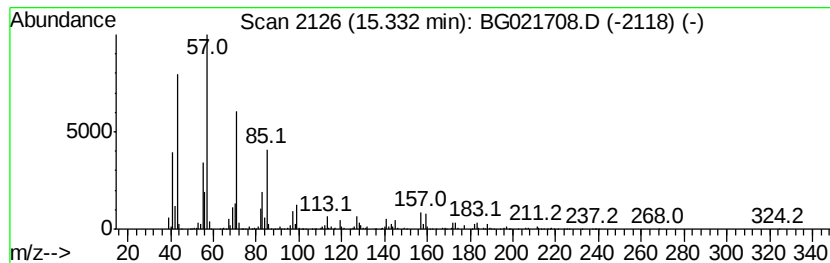
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	37.59 ng	4246560	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	10-Methylnonadecane	282	C20H42	056862-62-5	80
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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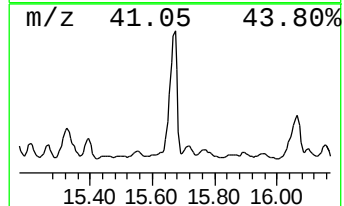
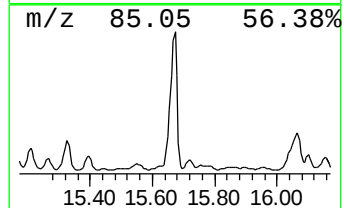
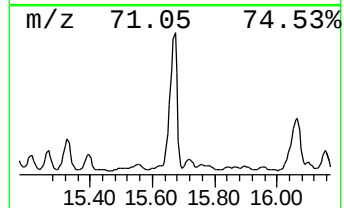
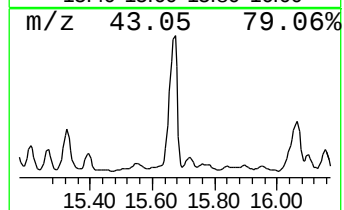
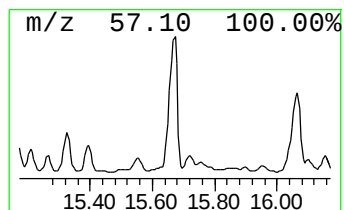
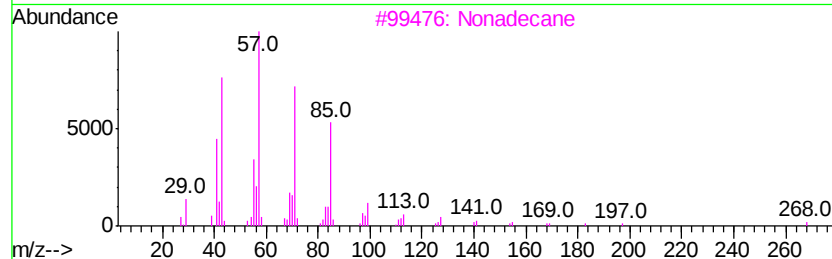
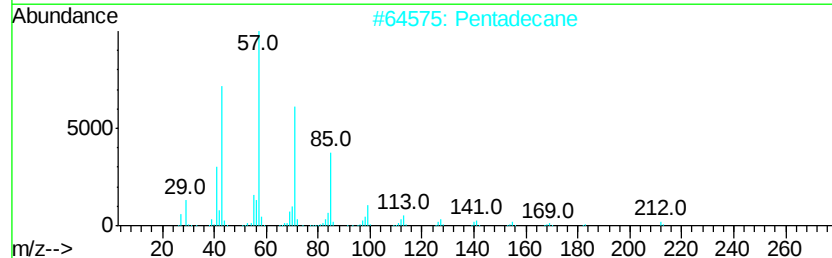
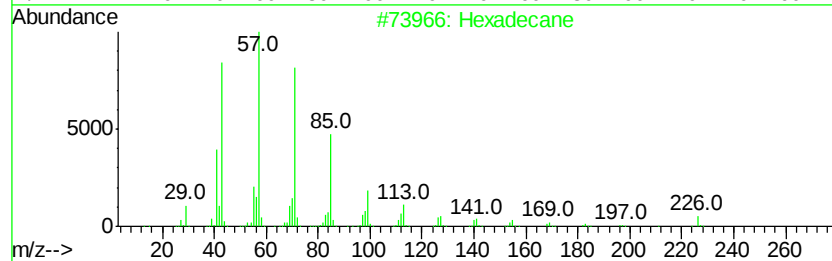
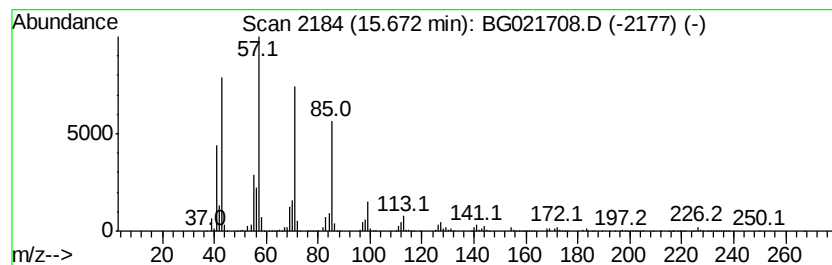
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	98.85 ng	11168600	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Pentadecane	212	C15H32	000629-62-9	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021708.D
Acq On : 16 Apr 2016 8:47
Operator : UM/SJ
Sample : H2558-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-13-7.5-8

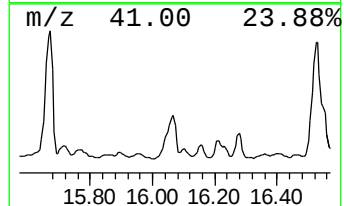
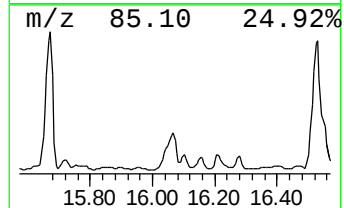
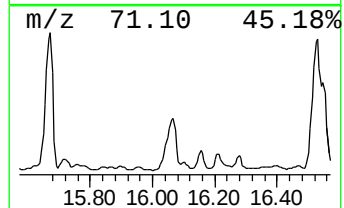
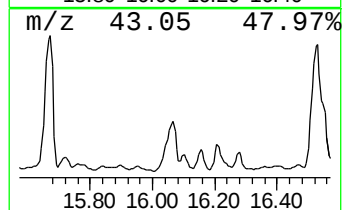
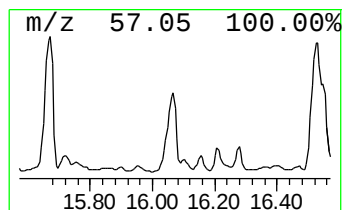
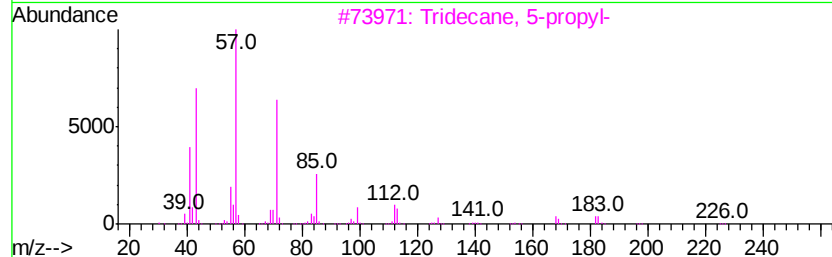
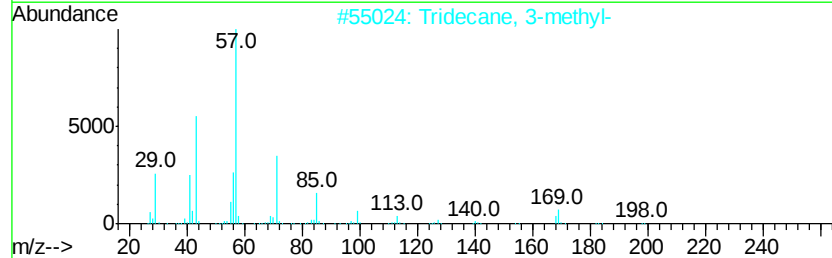
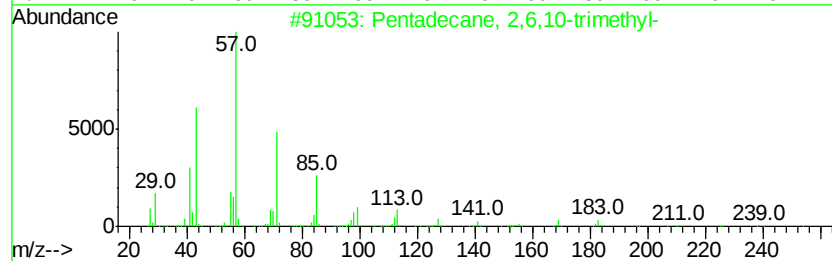
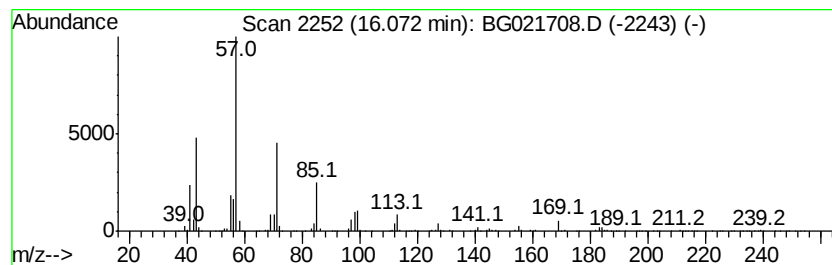
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	46.95 ng	5304640	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	97
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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Acq On : 16 Apr 2016 8:47
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Misc :
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Instrument :
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ClientSampleId :
SB-13-7.5-8

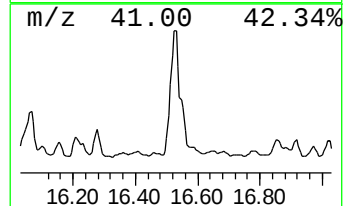
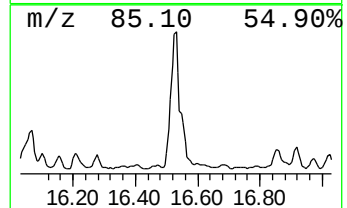
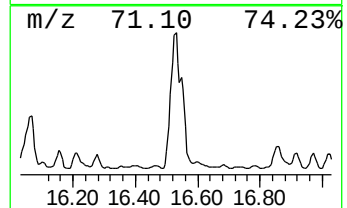
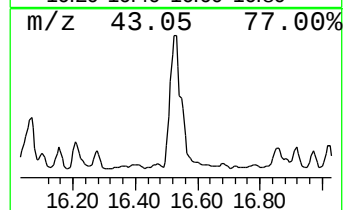
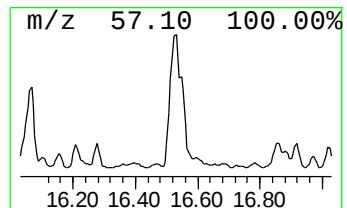
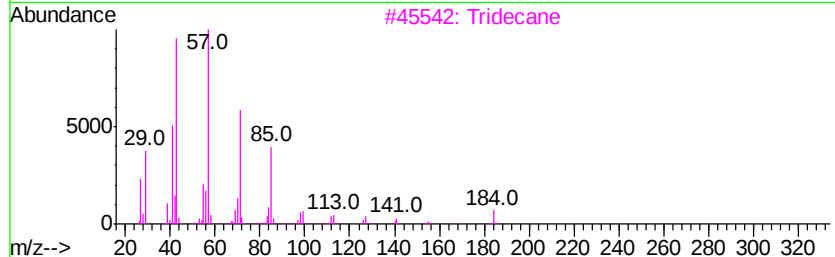
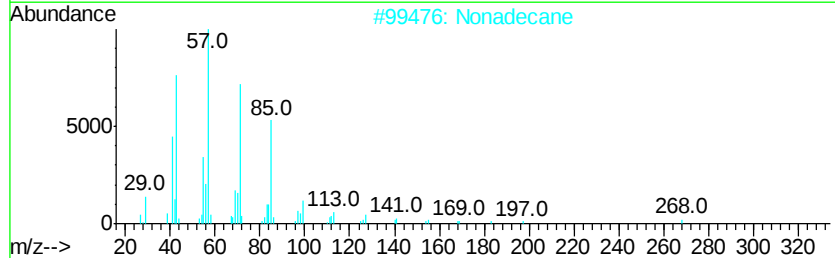
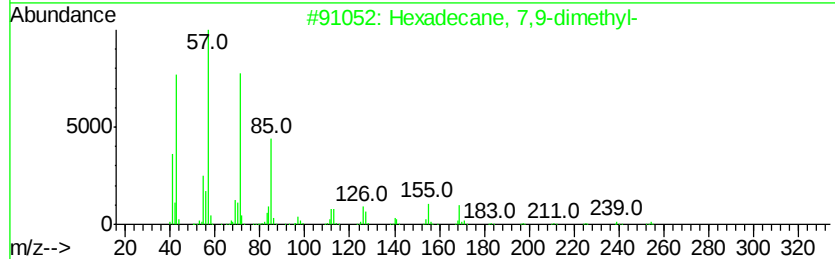
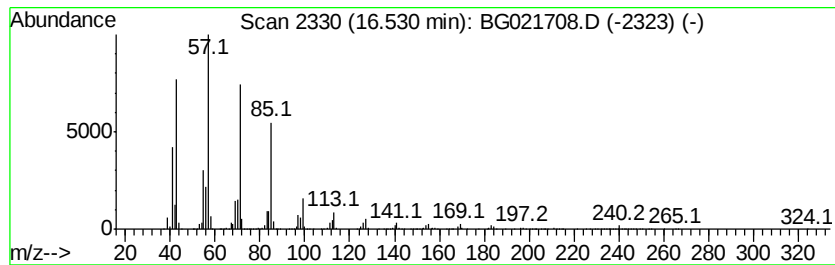
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 7,9-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	213.30 ng	15907100	Phenanthrene-d10	17.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Heptadecane	240	C17H36	000629-78-7	87
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021708.D
Acq On : 16 Apr 2016 8:47
Operator : UM/SJ
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ALS Vial : 16 Sample Multiplier: 1

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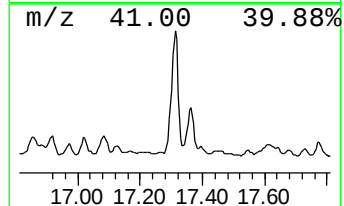
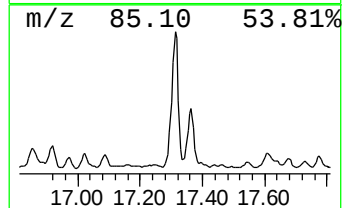
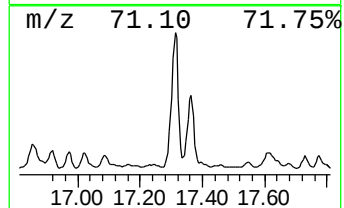
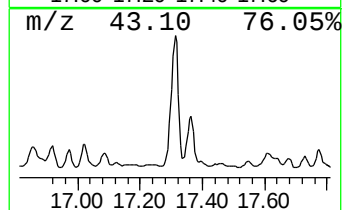
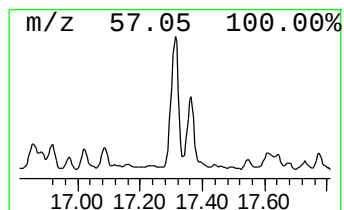
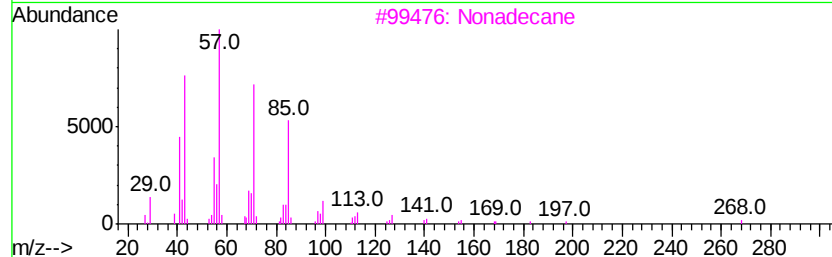
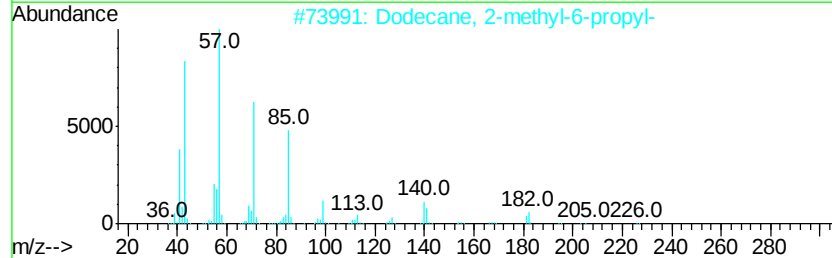
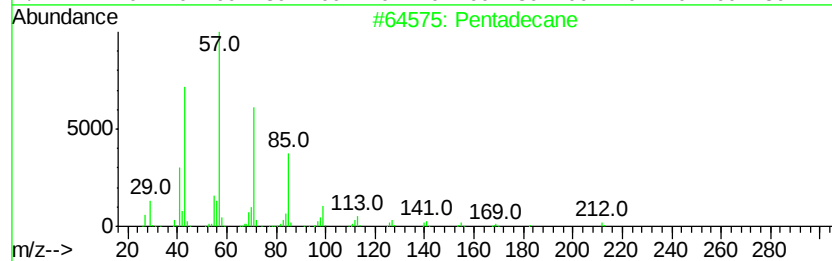
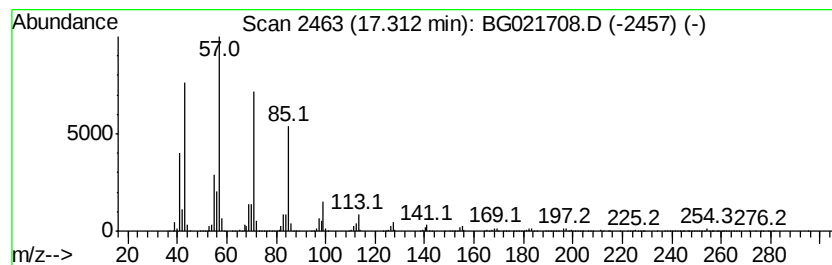
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	122.91 ng	9166610	Phenanthrene-d10	17.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021708.D
Acq On : 16 Apr 2016 8:47
Operator : UM/SJ
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ClientSampleId :
SB-13-7.5-8

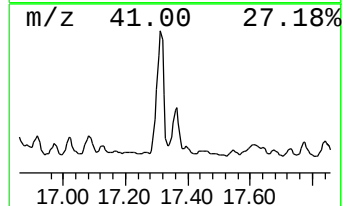
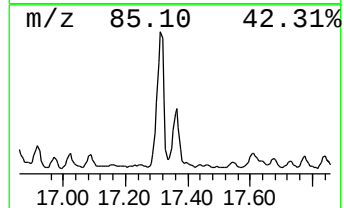
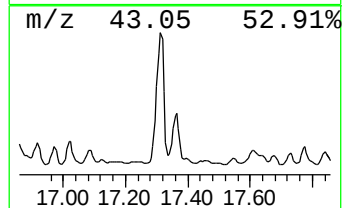
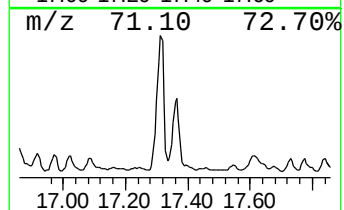
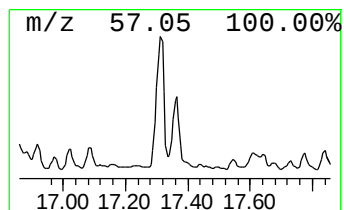
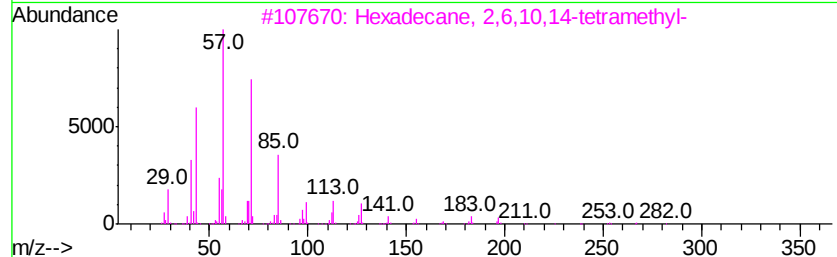
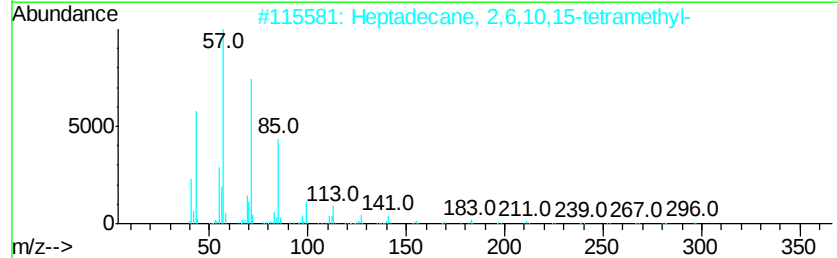
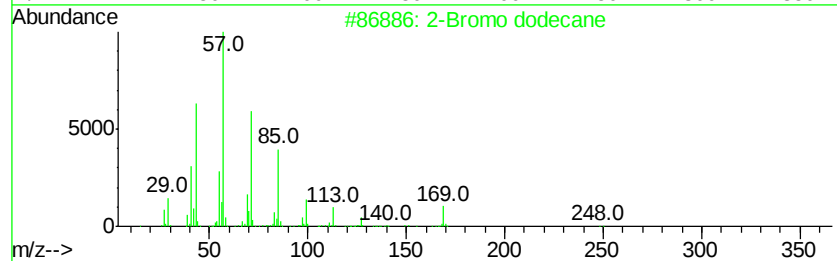
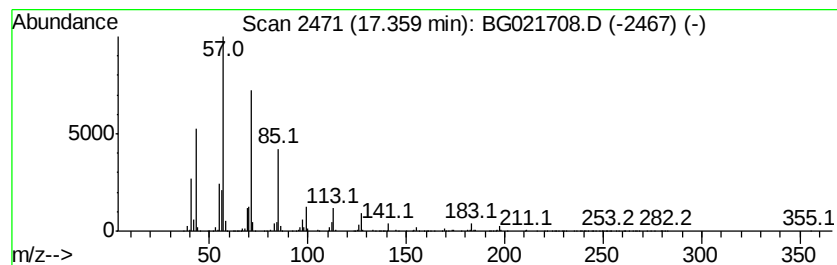
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Bromo dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	48.98 ng	3652530	Phenanthrene-d10	17.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021708.D
Acq On : 16 Apr 2016 8:47
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SB-13-7.5-8

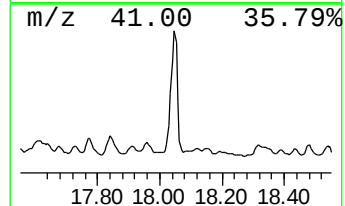
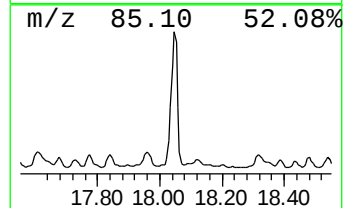
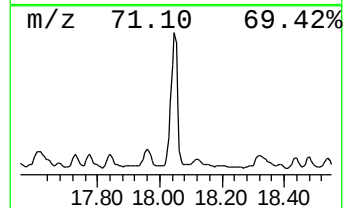
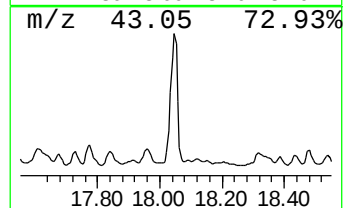
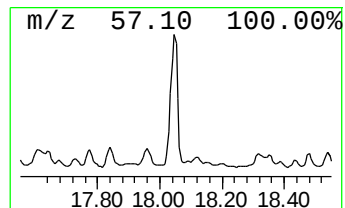
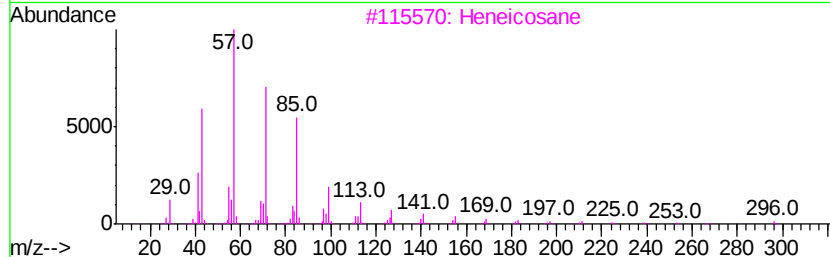
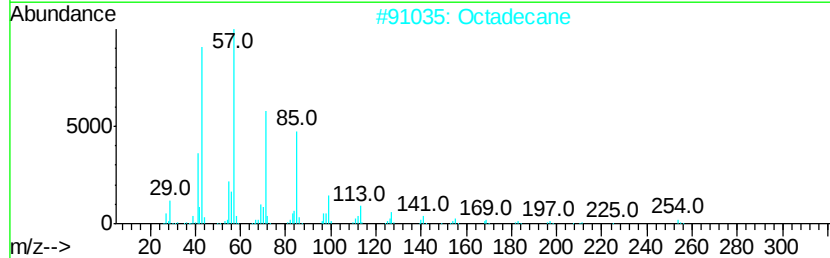
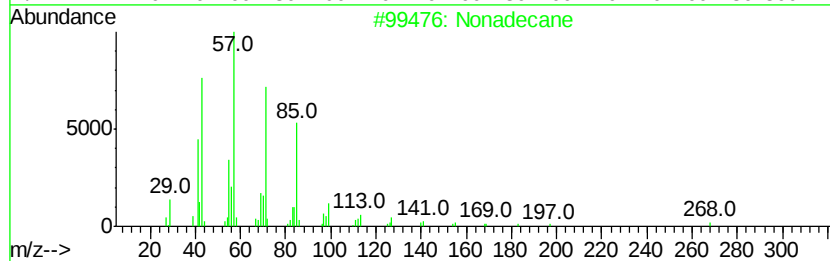
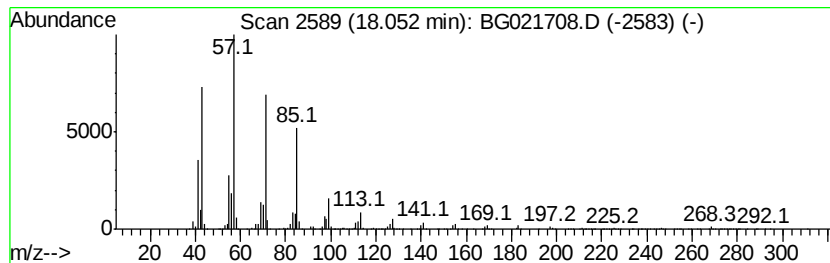
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	109.50 ng	8166230	Phenanthrene-d10	17.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Octadecane		254	C18H38	000593-45-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptadecane		240	C17H36	000629-78-7	91
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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Acq On : 16 Apr 2016 8:47
Operator : UM/SJ
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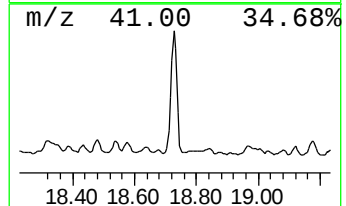
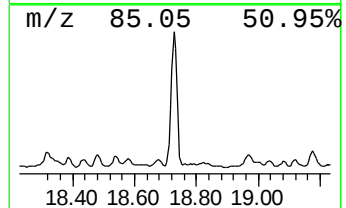
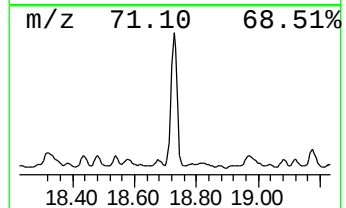
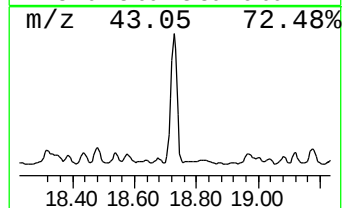
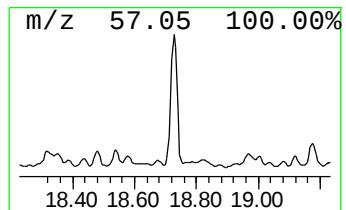
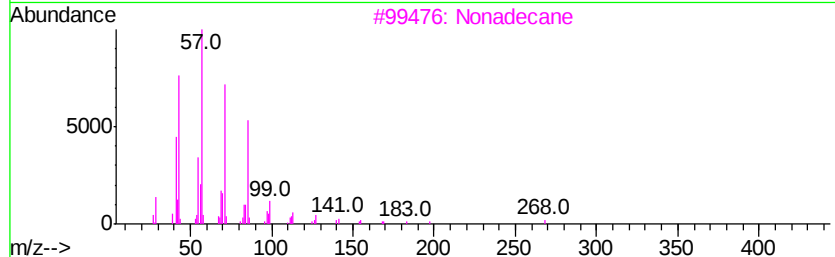
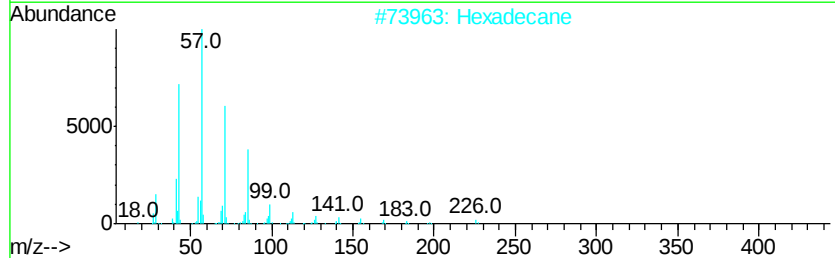
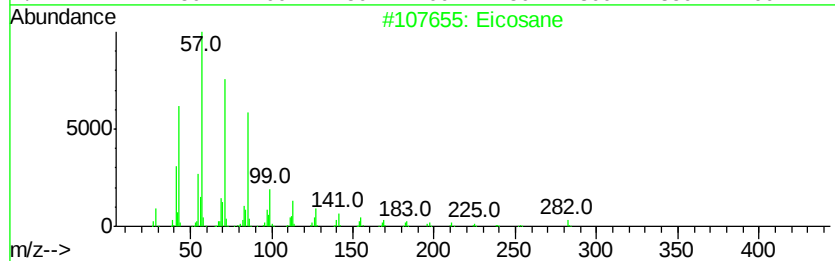
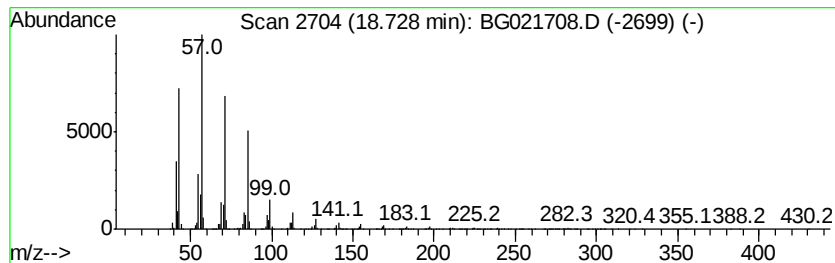
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	88.16 ng	6574760	Phenanthrene-d10	17.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexadecane	226	C16H34	000544-76-3	95
3		Nonadecane	268	C19H40	000629-92-5	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021708.D
Acq On : 16 Apr 2016 8:47
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ClientSampleId :
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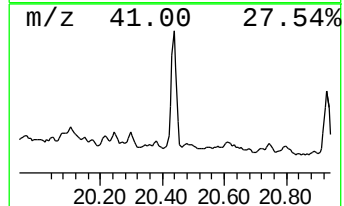
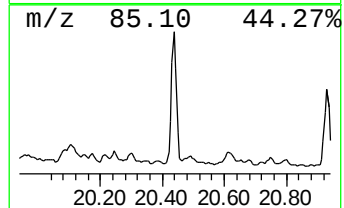
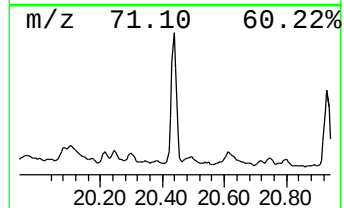
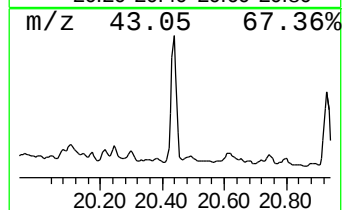
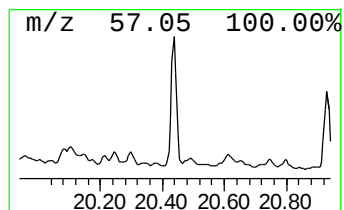
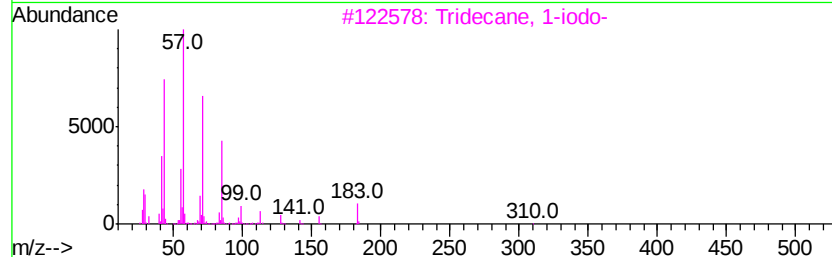
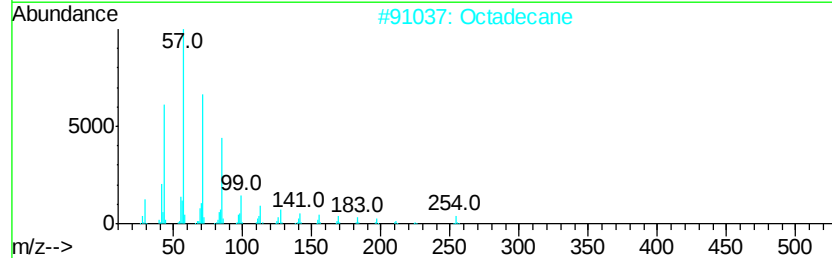
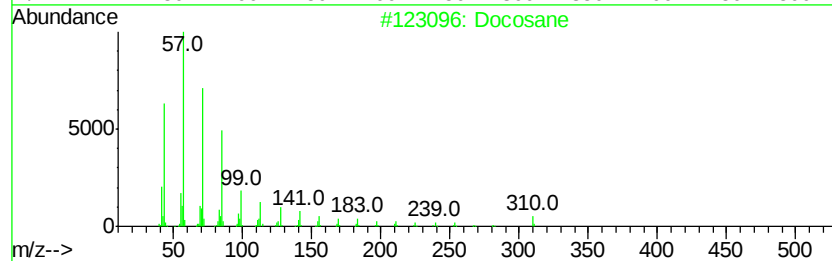
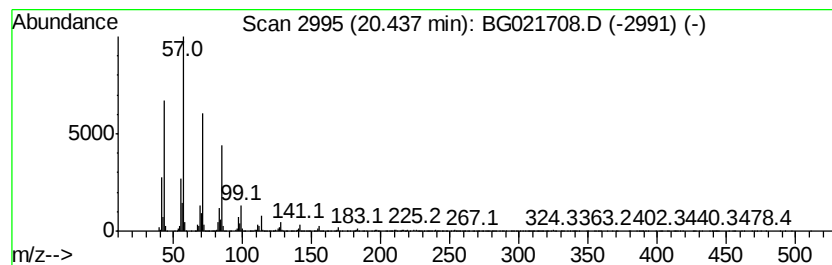
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	36.03 ng	2593490	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	96
2		Octadecane	254	C18H38	000593-45-3	95
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4		Heptacosane	380	C27H56	000593-49-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021708.D
 Acq On : 16 Apr 2016 8:47
 Operator : UM/SJ
 Sample : H2558-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-7.5-8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.10	3.10	62.7	ng	4641830	1	8.22	1479710	20.0
Decane	7.83	55.0	ng	4068710	1	8.22	1479710	20.0
Benzene, 1,2-diet...	8.86	52.5	ng	3882290	1	8.22	1479710	20.0
Benzene, 4-ethyl-...	9.33	47.8	ng	3539700	1	8.22	1479710	20.0
Undecane	9.45	124.7	ng	9225590	1	8.22	1479710	20.0
1,4-Cyclohexadien...	9.58	42.1	ng	3115870	1	8.22	1479710	20.0
Dodecane, 2,7,10-...	13.37	36.4	ng	4108390	3	14.84	2259650	20.0
unknown14.42	14.42	27.0	ng	3050060	3	14.84	2259650	20.0
Heptadecane, 2,6,...	15.33	37.6	ng	4246560	3	14.84	2259650	20.0
Hexadecane	15.67	98.8	ng	11168600	3	14.84	2259650	20.0
Pentadecane, 2,6,...	16.07	47.0	ng	5304640	3	14.84	2259650	20.0
Hexadecane, 7,9-d...	16.53	213.3	ng	15907100	4	17.58	1491560	20.0
Pentadecane	17.31	122.9	ng	9166610	4	17.58	1491560	20.0
2-Bromo dodecane	17.36	49.0	ng	3652530	4	17.58	1491560	20.0
Nonadecane	18.05	109.5	ng	8166230	4	17.58	1491560	20.0
Eicosane	18.73	88.2	ng	6574760	4	17.58	1491560	20.0
Docosane	20.44	36.0	ng	2593490	5	21.84	1439480	20.0