

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021709.D
 Acq On : 16 Apr 2016 9:27
 Operator : UM/SJ
 Sample : H2558-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-5-10

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-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	3.102	39	45	64	rVB	2085852	3335781	25.11%	1.361%
2	5.769	491	499	505	rVB	633836	1051434	7.91%	0.429%
3	6.204	568	573	583	rVB2	808788	1410632	10.62%	0.576%
4	6.839	676	681	691	rVB3	319616	773387	5.82%	0.316%
5	7.185	736	740	746	rVV	453933	791426	5.96%	0.323%
6	7.297	754	759	764	rVV	628353	1032878	7.77%	0.421%
7	7.362	764	770	777	rVV4	1004906	2183554	16.44%	0.891%
8	7.749	831	836	843	rVB2	449341	862292	6.49%	0.352%
9	7.826	843	849	853	rBV	1801677	2960918	22.29%	1.208%
10	7.861	853	855	863	rVB	934273	1238241	9.32%	0.505%
11	8.178	904	909	918	rVB2	609077	1027342	7.73%	0.419%
12	8.337	930	936	942	rBV2	388541	828122	6.23%	0.338%
13	8.737	994	1004	1006	rBV3	557894	1305941	9.83%	0.533%
14	8.860	1019	1025	1032	rBV2	1446721	2748498	20.69%	1.122%
15	8.972	1038	1044	1049	rBV	661531	1238932	9.33%	0.506%
16	9.224	1082	1087	1094	rVB	505128	1024120	7.71%	0.418%
17	9.330	1094	1105	1110	rBV2	1073514	2512522	18.91%	1.025%
18	9.447	1110	1125	1130	rVV3	3325122	7473693	56.26%	3.050%
19	9.577	1135	1147	1155	rBV6	709427	2245575	16.90%	0.916%
20	9.688	1155	1166	1176	rBV8	516707	2003530	15.08%	0.818%
21	9.794	1176	1184	1189	rVV8	280003	817365	6.15%	0.334%
22	9.859	1189	1195	1199	rVV	765612	1393547	10.49%	0.569%
23	9.918	1199	1205	1208	rVV	638781	1228840	9.25%	0.501%
24	9.953	1208	1211	1221	rVB3	717156	1514075	11.40%	0.618%
25	10.106	1228	1237	1241	rBV2	371334	1087336	8.18%	0.444%
26	10.153	1241	1245	1250	rVV2	757819	1342620	10.11%	0.548%
27	10.223	1250	1257	1261	rVV4	789525	1740055	13.10%	0.710%
28	10.282	1261	1267	1276	rVV4	1005220	2658775	20.01%	1.085%
29	10.370	1276	1282	1287	rVV2	814466	1760601	13.25%	0.718%
30	10.435	1287	1293	1300	rVV4	1691412	3700051	27.85%	1.510%
31	10.493	1300	1303	1307	rVB2	577219	812355	6.11%	0.332%
32	10.546	1307	1312	1316	rBV	652528	1027650	7.74%	0.419%
33	10.611	1319	1323	1328	rVB5	468856	840148	6.32%	0.343%
34	10.670	1328	1333	1339	rVB	840562	1452465	10.93%	0.593%

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

35	10.728	1339	1343	1351	rVB3	429889	981593	7.39%	0.401%
36	10.811	1351	1357	1366	rBV4	426183	1109860	8.35%	0.453%
37	10.999	1382	1389	1396	rVB2	4200068	8014564	60.33%	3.271%
38	11.181	1410	1420	1426	rVB2	1533128	3979910	29.96%	1.624%
39	11.245	1426	1431	1437	rBV2	614074	1346036	10.13%	0.549%
40	11.504	1470	1475	1483	rVB2	886943	2031579	15.29%	0.829%
41	11.733	1509	1514	1520	rVB5	883680	1964908	14.79%	0.802%
42	11.862	1530	1536	1542	rBV3	1087777	2222356	16.73%	0.907%
43	11.939	1543	1549	1555	rBV3	1355861	2918950	21.97%	1.191%
44	12.039	1561	1566	1570	rVV	1463797	2554168	19.23%	1.042%
45	12.080	1570	1573	1578	rVV3	548234	806119	6.07%	0.329%
46	12.133	1578	1582	1587	rVB2	582364	1015584	7.64%	0.414%
47	12.221	1591	1597	1603	rBV2	1876278	3301106	24.85%	1.347%
48	12.432	1624	1633	1639	rBV	4854278	9320623	70.16%	3.803%
49	12.567	1652	1656	1661	rVB3	749724	1263633	9.51%	0.516%
50	12.644	1666	1669	1673	rVB2	637244	819860	6.17%	0.335%
51	12.685	1673	1676	1684	rVB3	628642	1074638	8.09%	0.439%
52	12.932	1709	1718	1722	rBV3	1301740	2517564	18.95%	1.027%
53	13.049	1733	1738	1741	rBV2	798216	1243728	9.36%	0.508%
54	13.225	1764	1768	1773	rVB2	1346806	2076910	15.63%	0.848%
55	13.308	1778	1782	1786	rVV2	934224	1482191	11.16%	0.605%
56	13.366	1788	1792	1801	rVV2	1629198	3340642	25.15%	1.363%
57	13.460	1804	1808	1818	rVV3	913423	1808405	13.61%	0.738%
58	13.549	1819	1823	1828	rVB5	446649	748010	5.63%	0.305%
59	13.660	1835	1842	1848	rVB	5438270	9683874	72.89%	3.952%
60	13.784	1859	1863	1869	rVB3	845673	1405199	10.58%	0.573%
61	14.118	1915	1920	1923	rBV4	626971	1249485	9.41%	0.510%
62	14.165	1924	1928	1932	rVV3	1154340	2243155	16.88%	0.915%
63	14.207	1932	1935	1940	rVB2	1238408	1912427	14.40%	0.780%
64	14.301	1948	1951	1954	rVB2	2083873	2546015	19.16%	1.039%
65	14.342	1954	1958	1964	rVV2	1703931	2545610	19.16%	1.039%
66	14.412	1964	1970	1975	rVB3	1515645	2527736	19.03%	1.032%
67	14.659	2007	2012	2016	rBV6	368990	884081	6.65%	0.361%
68	14.724	2016	2023	2029	rVB	6455273	10042656	75.59%	4.098%
69	14.794	2030	2035	2038	rBV6	812765	1648448	12.41%	0.673%
70	15.041	2073	2077	2083	rVB4	626668	1087115	8.18%	0.444%
71	15.153	2091	2096	2101	rBV2	788713	1904950	14.34%	0.777%

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72	15.205	2102	2105	2111	rVV3	904256	1602070	12.06%	0.654%
73	15.258	2112	2114	2118	rVB	712197	862661	6.49%	0.352%
74	15.323	2119	2125	2132	rBV3	1549817	3352190	25.23%	1.368%
75	15.393	2133	2137	2141	rVB	939172	1306626	9.84%	0.533%
76	15.446	2142	2146	2151	rBV6	551128	1337204	10.07%	0.546%
77	15.664	2177	2183	2187	rVB	6133637	9761795	73.48%	3.984%
78	16.063	2243	2251	2255	rBV	2251846	4728235	35.59%	1.929%
79	16.151	2262	2266	2270	rVB	929573	1266620	9.53%	0.517%
80	16.204	2272	2275	2283	rVV2	776334	1449837	10.91%	0.592%
81	16.275	2283	2287	2291	rVV2	1162831	1427016	10.74%	0.582%
82	16.522	2323	2329	2337	rBV	6151667	13284906	100.00%	5.421%
83	16.851	2381	2385	2389	rBV	876315	1419089	10.68%	0.579%
84	16.915	2393	2396	2402	rVB3	908614	1300706	9.79%	0.531%
85	17.015	2409	2413	2419	rVB	932368	1262787	9.51%	0.515%
86	17.080	2420	2424	2428	rBV2	723346	1096577	8.25%	0.447%
87	17.309	2457	2463	2467	rBV	5553008	7940952	59.77%	3.240%
88	17.362	2467	2472	2476	rVB	2101965	3044552	22.92%	1.242%
89	17.773	2538	2542	2549	rVB	786104	1243229	9.36%	0.507%
90	17.838	2549	2553	2560	rBV2	747522	1289333	9.71%	0.526%
91	17.961	2570	2574	2578	rBV2	527902	807017	6.07%	0.329%
92	18.043	2583	2588	2593	rVB	5106287	7078606	53.28%	2.889%
93	18.478	2659	2662	2667	rVB2	549052	727364	5.48%	0.297%
94	18.725	2699	2704	2708	rBV	4561072	5662359	42.62%	2.311%
95	19.171	2776	2780	2785	rVB	600333	876739	6.60%	0.358%
96	19.342	2804	2809	2814	rBV	3744481	4694698	35.34%	1.916%
97	19.912	2901	2906	2910	rVB	2869002	3345239	25.18%	1.365%
98	20.147	2942	2946	2953	rVB	1575038	2302658	17.33%	0.940%
99	20.435	2991	2995	2999	rBV	1951422	2215378	16.68%	0.904%
100	20.928	3075	3079	3084	rBV	1075039	1319099	9.93%	0.538%

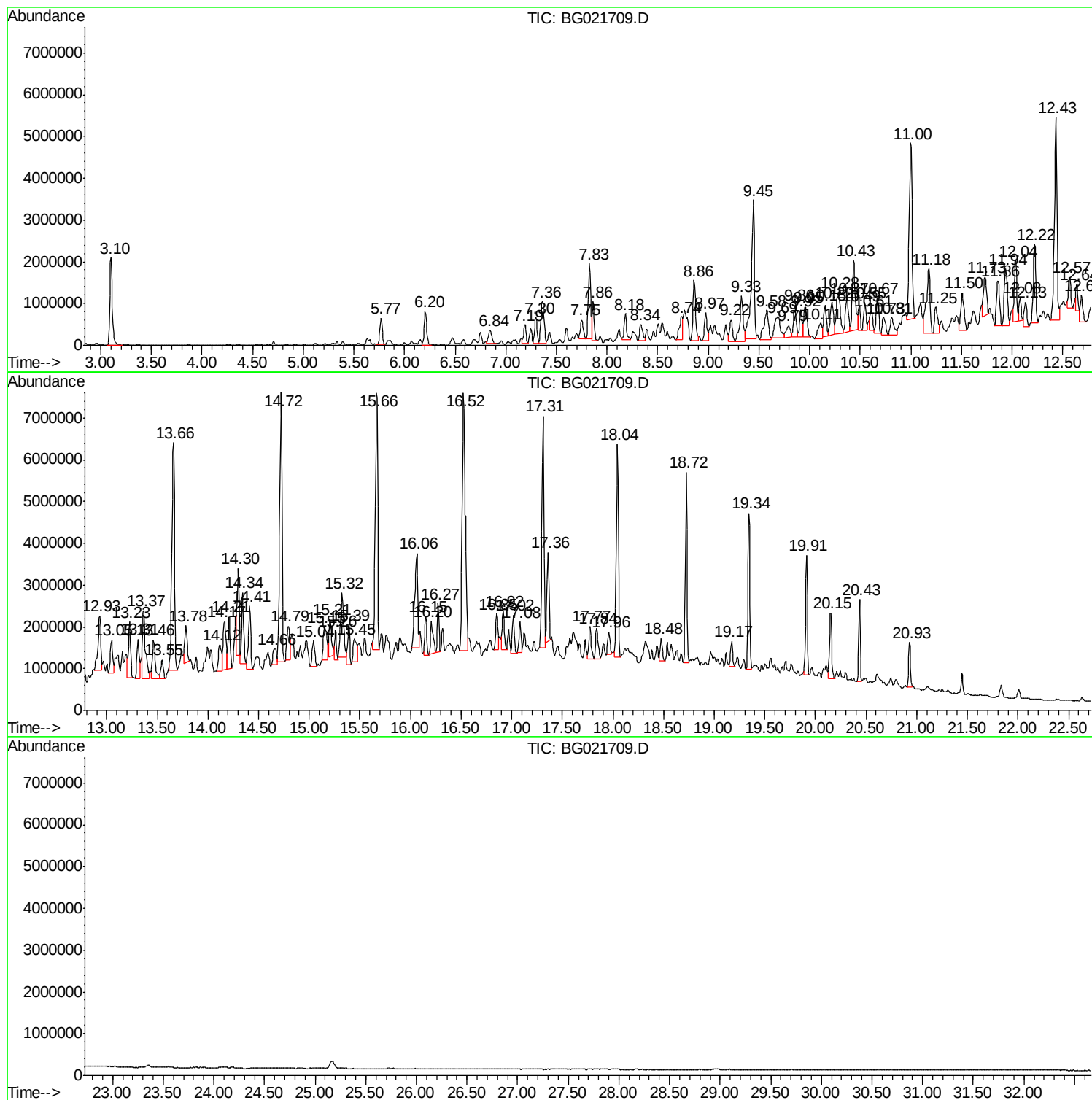
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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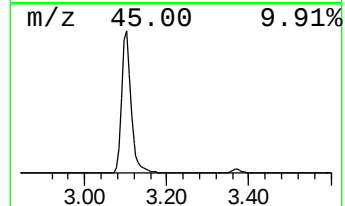
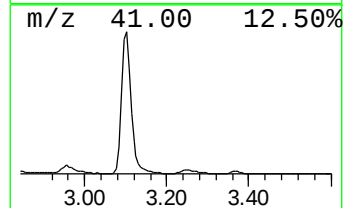
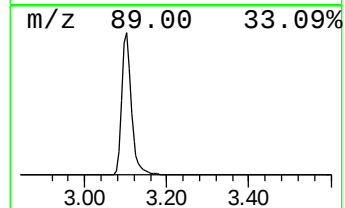
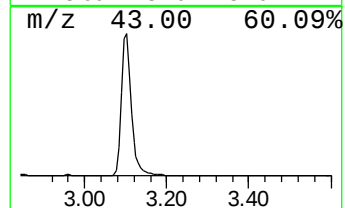
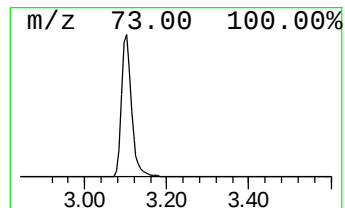
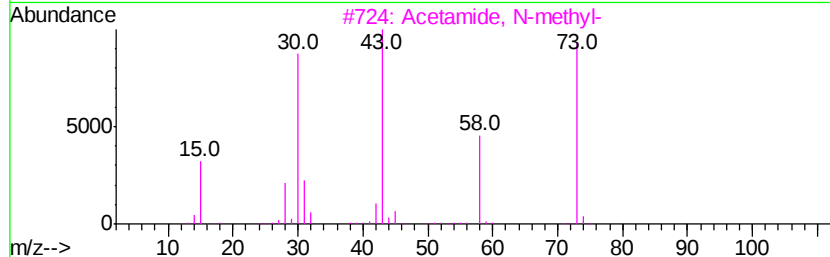
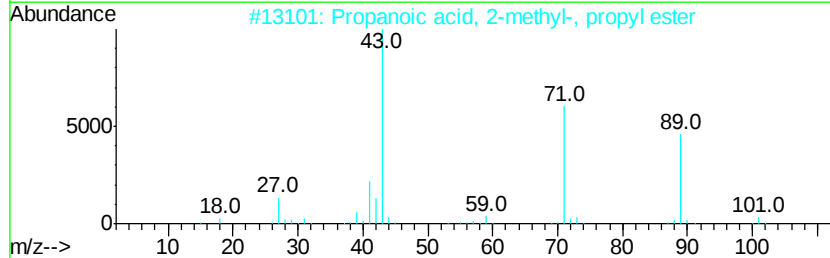
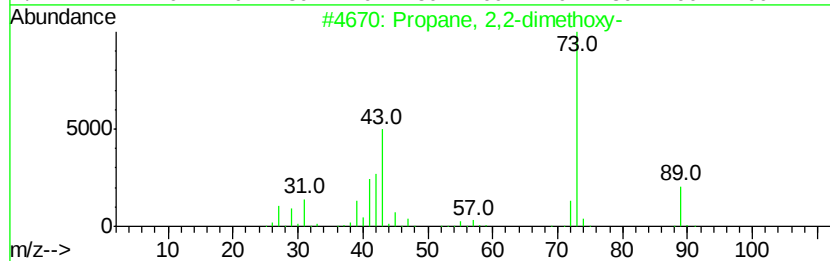
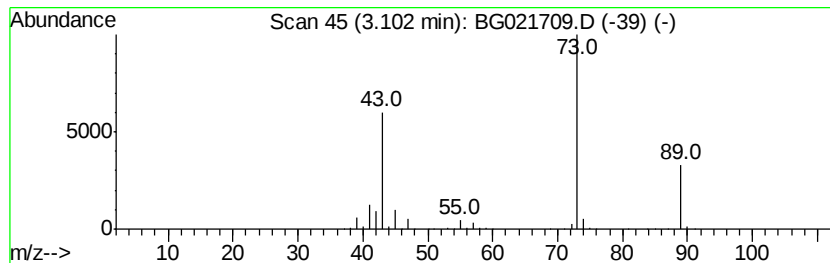
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	64.94 ng	3335780	1,4-Dichlorobenzene-d4	8.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2			Propanoic acid, 2-methyl-, propyl ester	130	C7H14O2	000644-49-5	12
3			Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9



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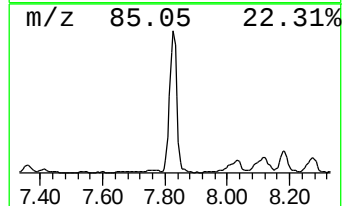
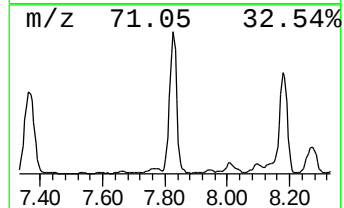
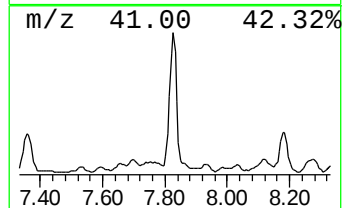
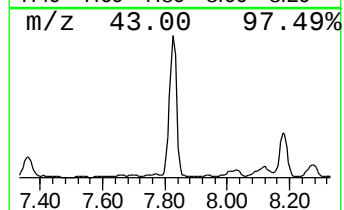
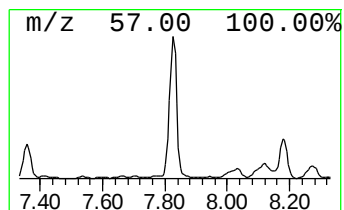
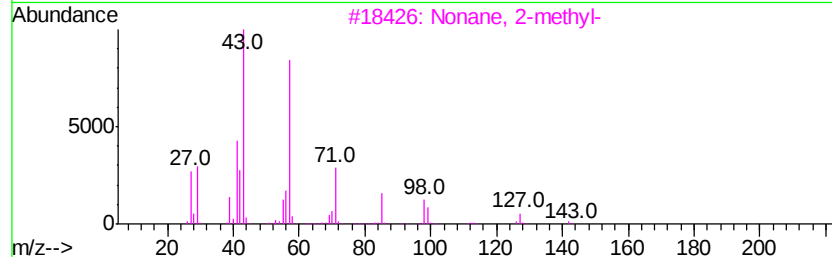
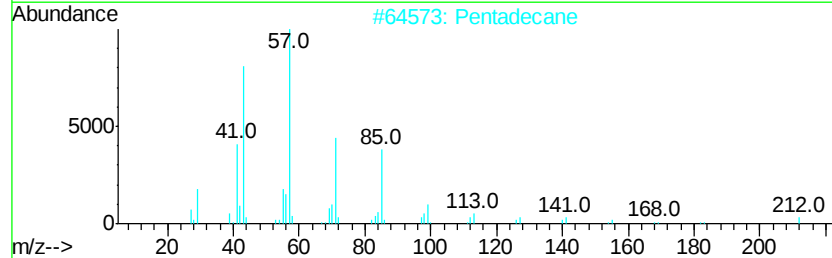
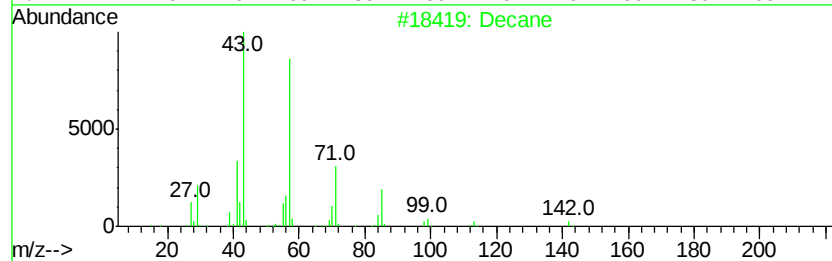
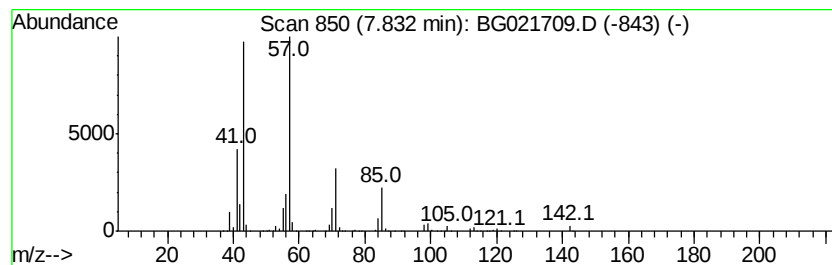
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	57.64 ng	2960920	1,4-Dichlorobenzene-d4	8.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	93
2	Pentadecane		212	C15H32	000629-62-9	78
3	Nonane, 2-methyl-		142	C10H22	000871-83-0	72
4	Undecane		156	C11H24	001120-21-4	72
5	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	72



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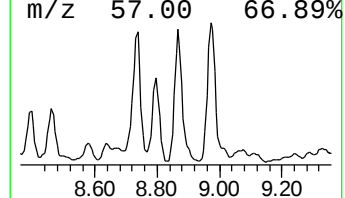
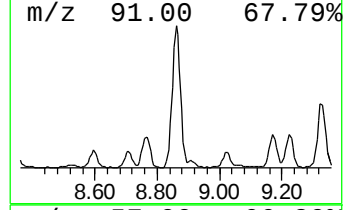
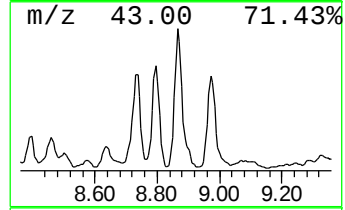
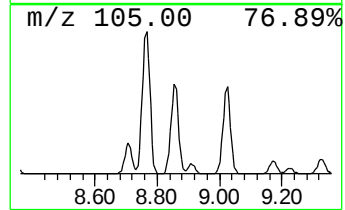
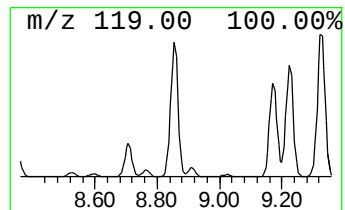
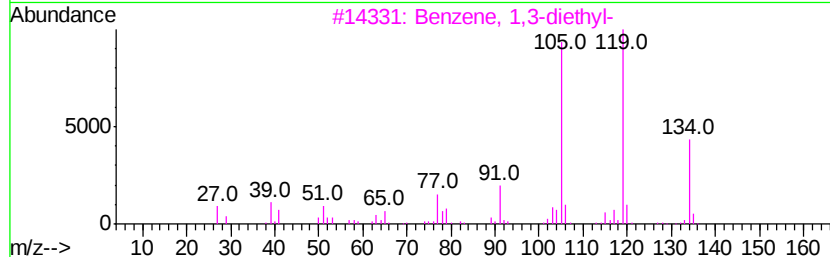
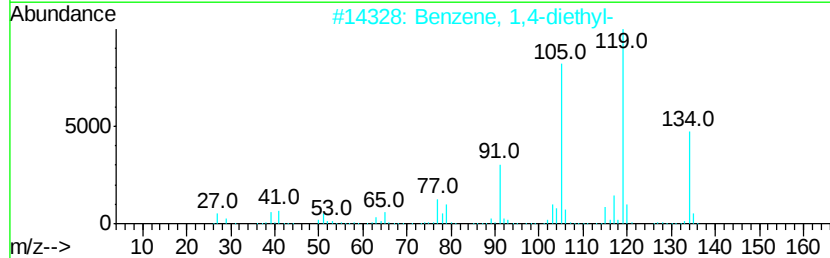
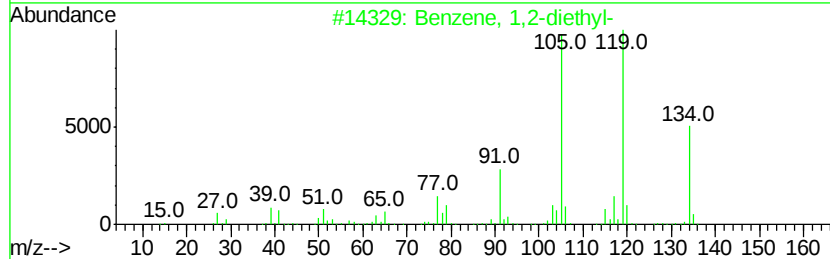
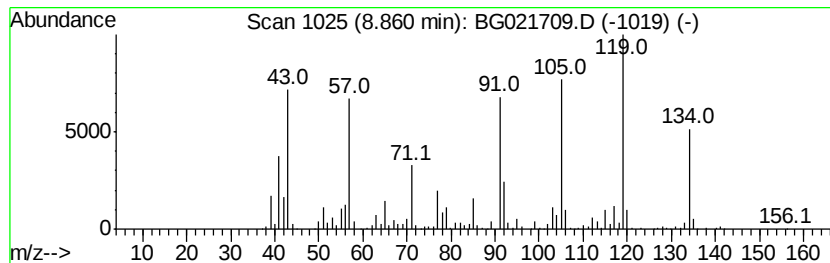
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	53.51 ng	2748500	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 : BG021709.D
Acq On : 16 Apr 2016 9:27
Operator : UM/SJ
Sample : H2558-04
Misc :
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ClientSampleId :
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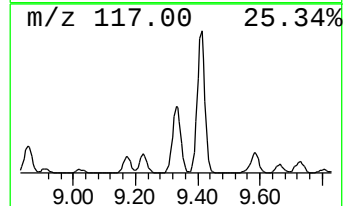
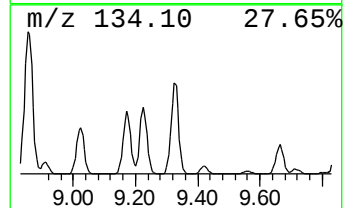
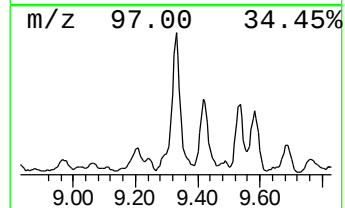
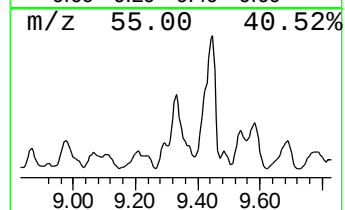
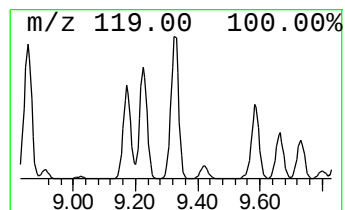
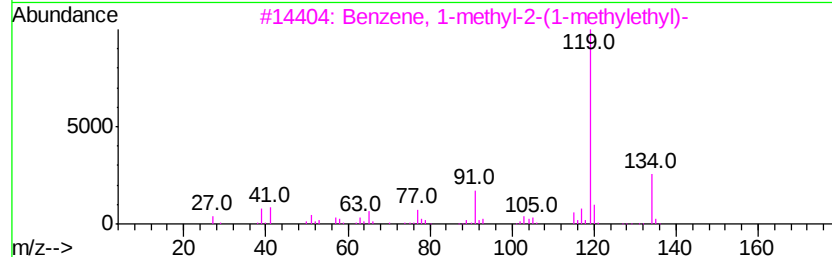
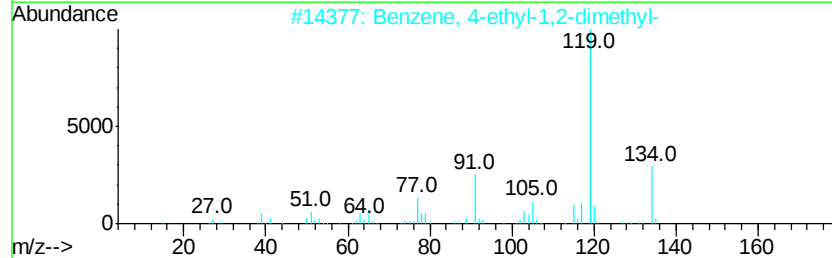
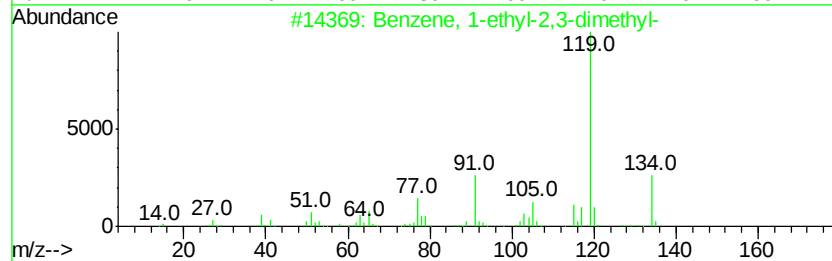
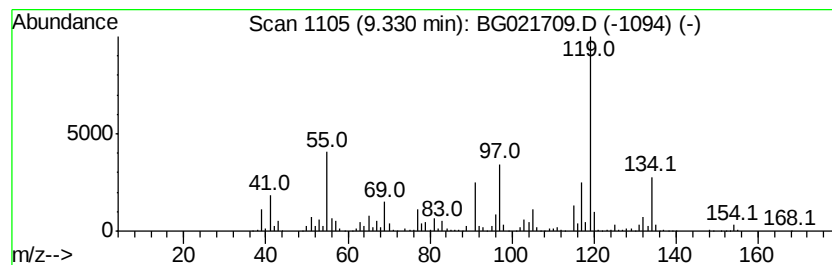
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	48.91 ng	2512520	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3		Benzene, 1-methyl-2-(1-methylethyl-)	134	C10H14	000527-84-4	92
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76



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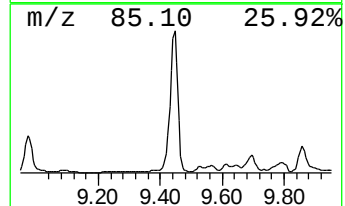
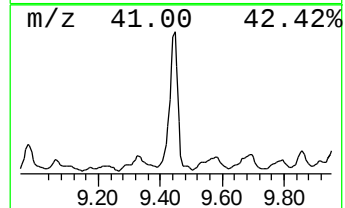
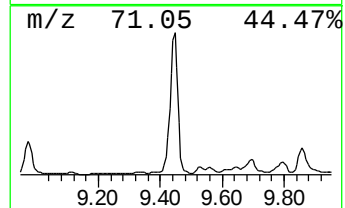
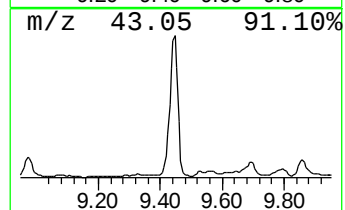
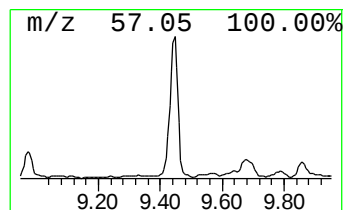
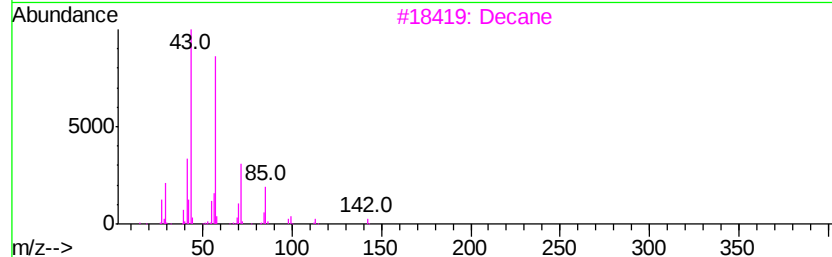
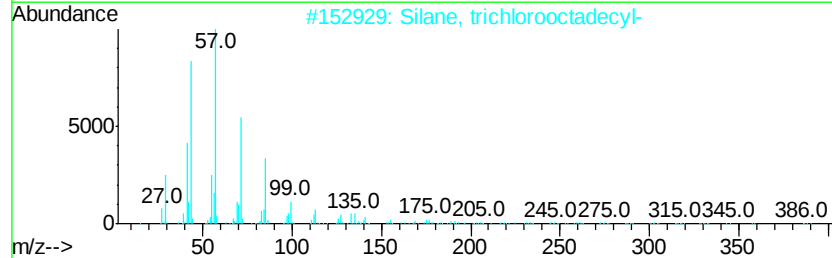
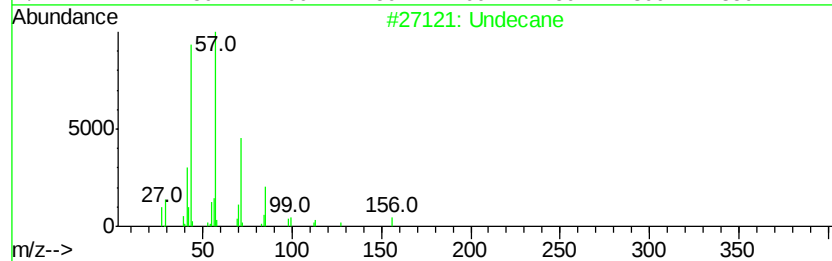
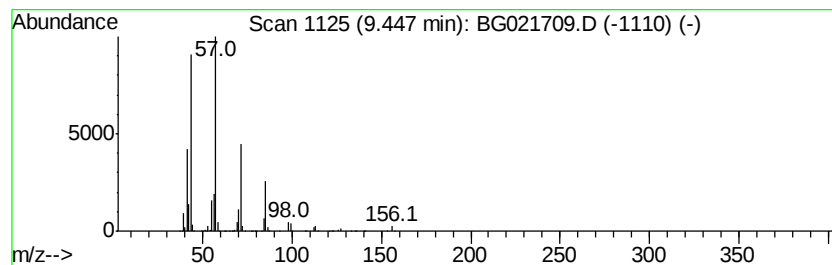
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	145.50 ng	7473690	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3	Decane	142	C10H22	000124-18-5	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



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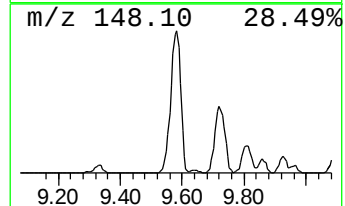
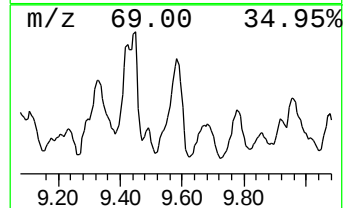
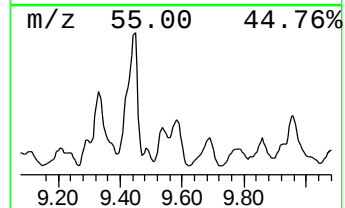
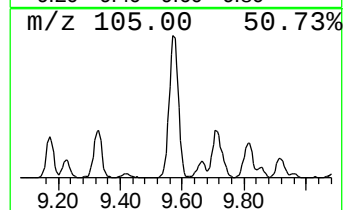
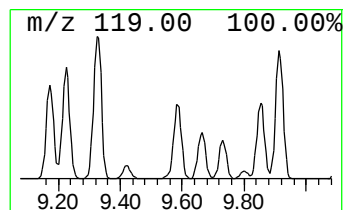
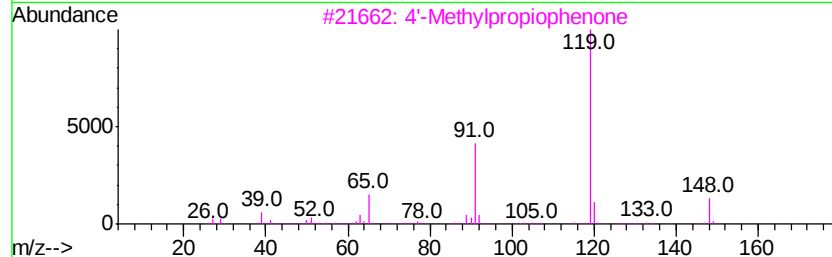
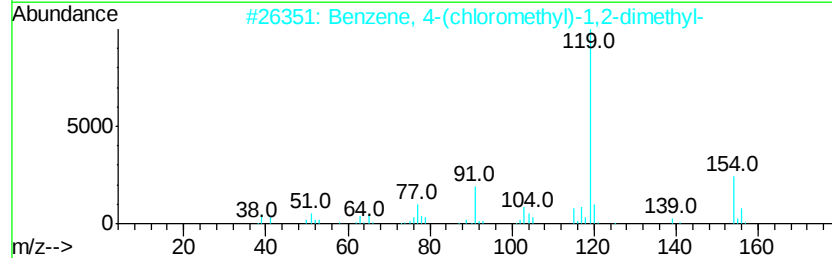
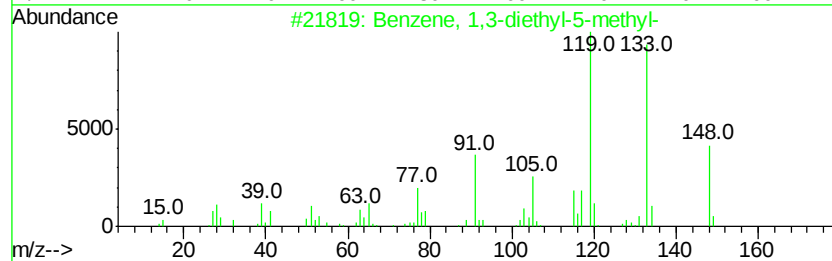
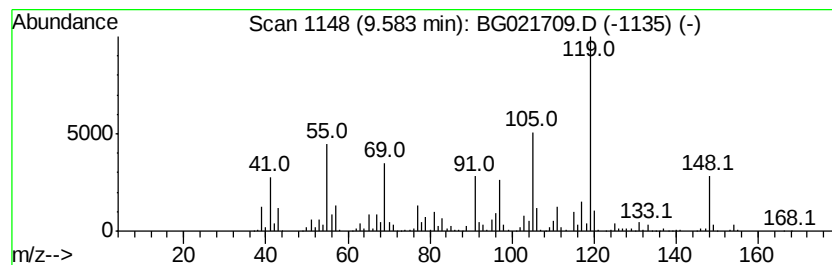
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	43.72 ng	2245580	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
2		Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	50
3		4'-Methylpropiofenone	148	C10H12O	005337-93-9	50
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46



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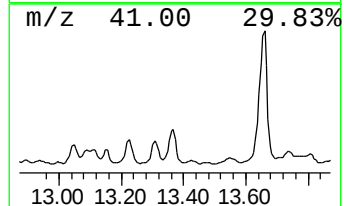
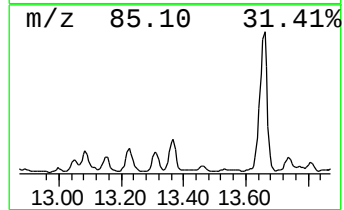
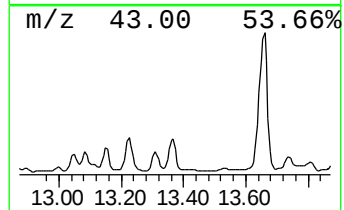
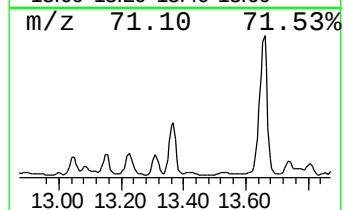
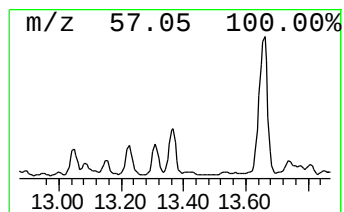
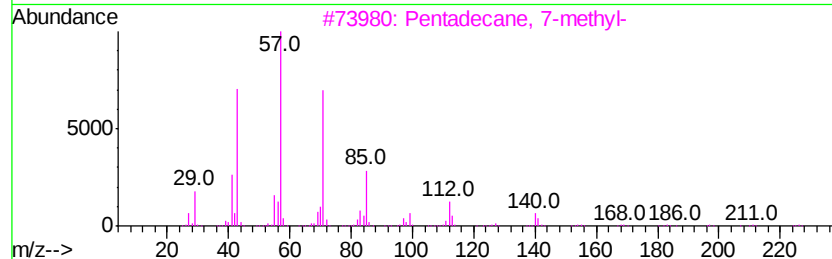
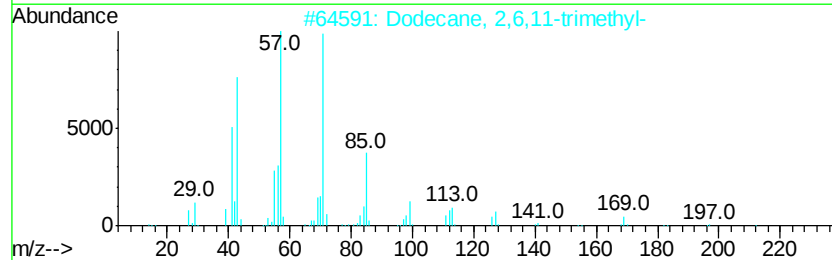
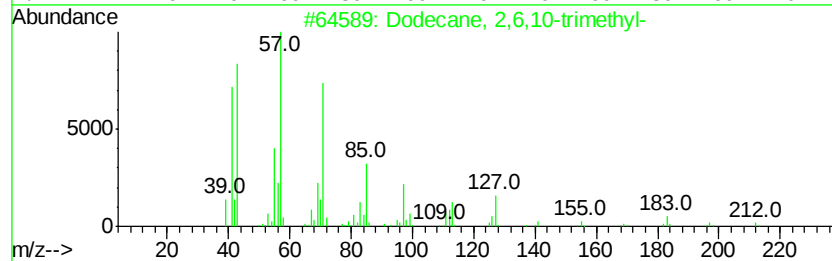
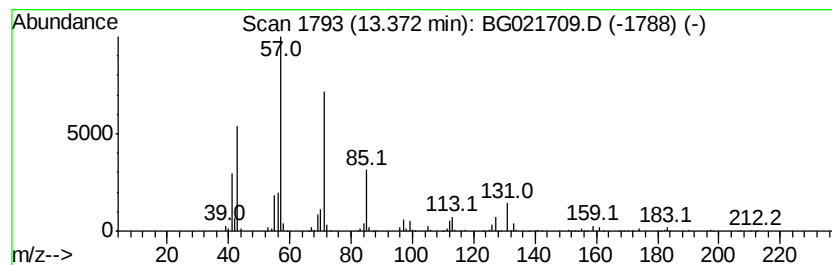
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	40.53 ng	3340640	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64



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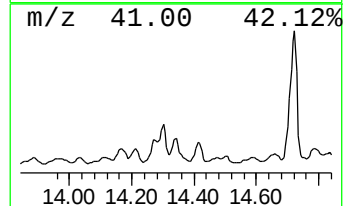
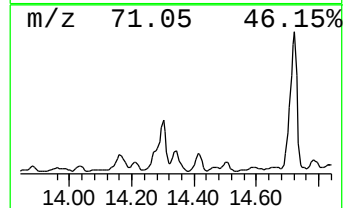
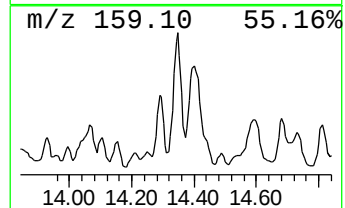
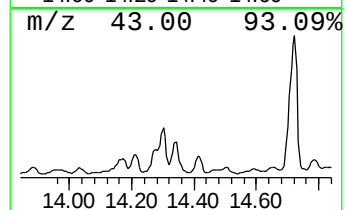
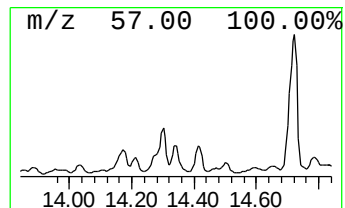
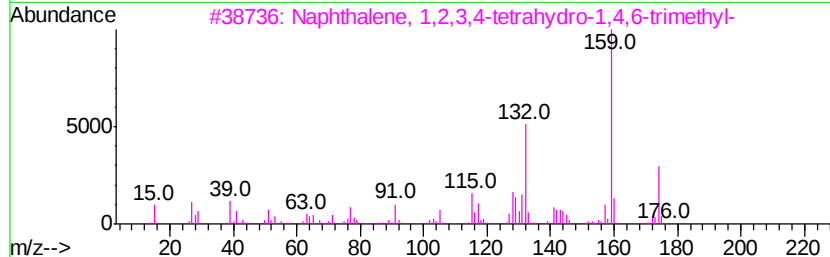
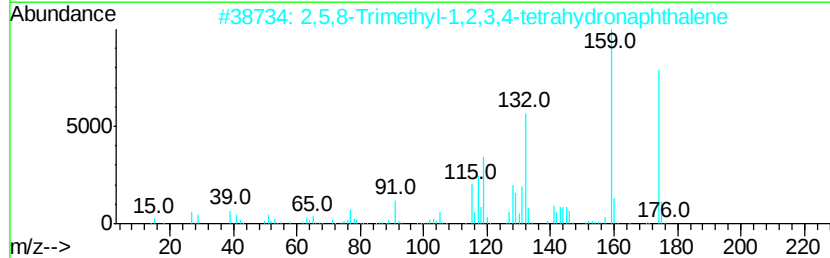
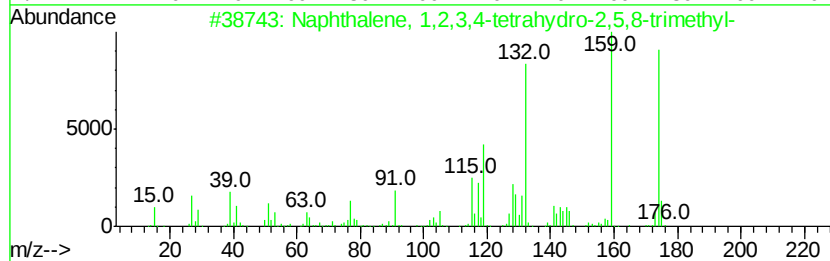
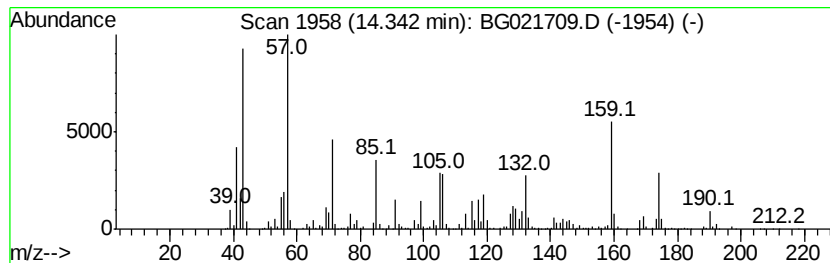
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	30.88 ng	2545610	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	86
2		2,5,8-Trimethyl-1,2,3,4-tetrahyd...	174	C13H18	068269-15-8	86
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	55
4		Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	50
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	46



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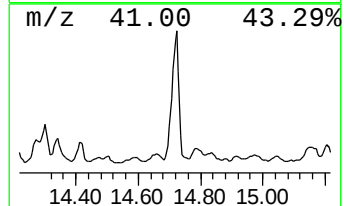
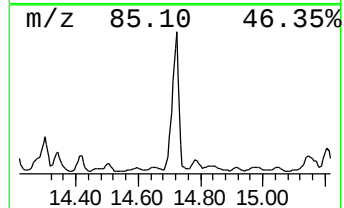
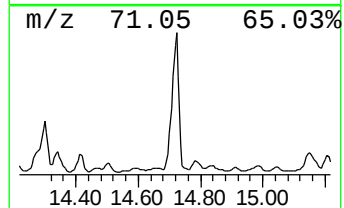
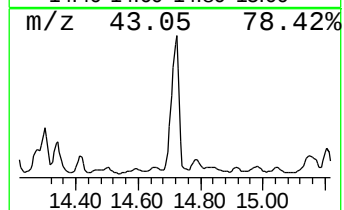
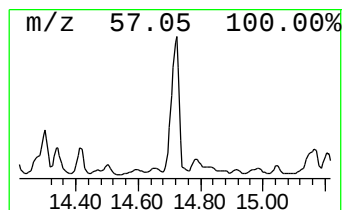
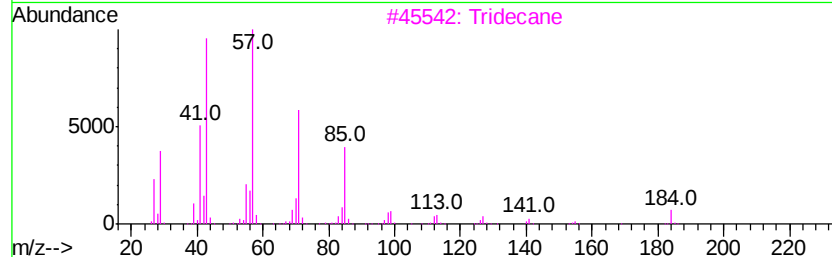
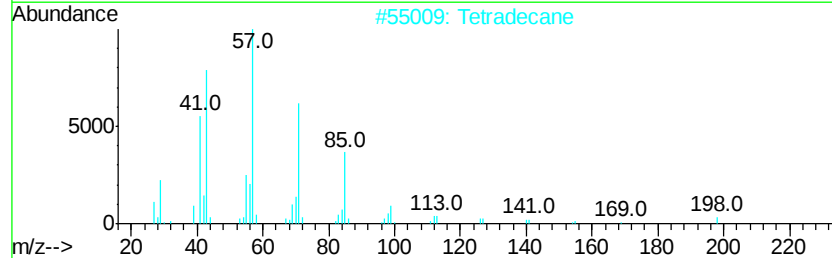
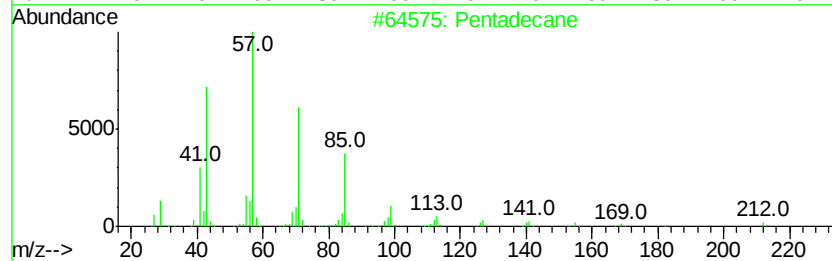
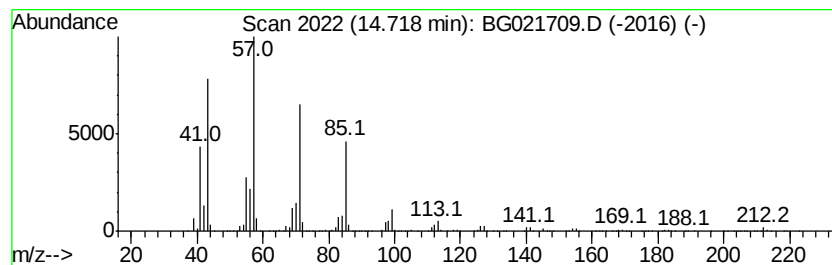
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	121.84 ng	10042700	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hexadecane	226	C16H34	000544-76-3	87



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ALS Vial : 17 Sample Multiplier: 1

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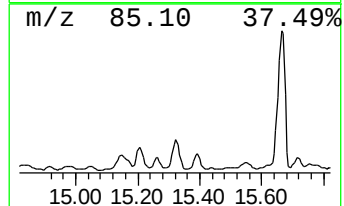
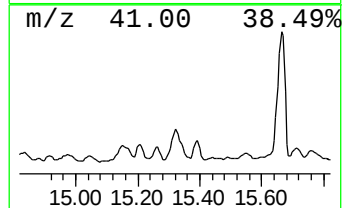
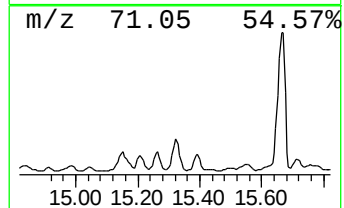
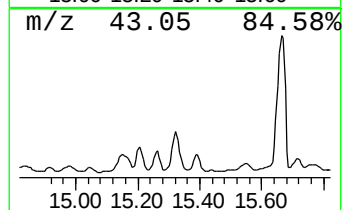
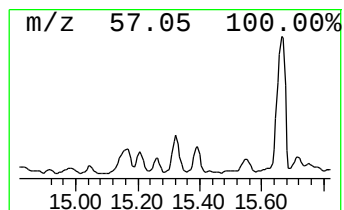
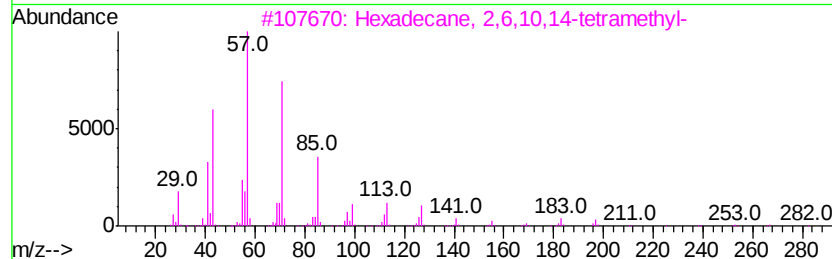
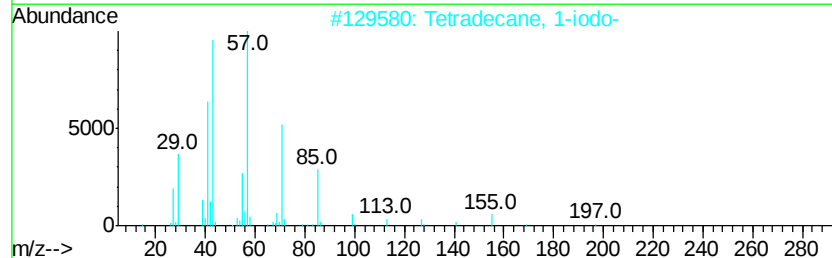
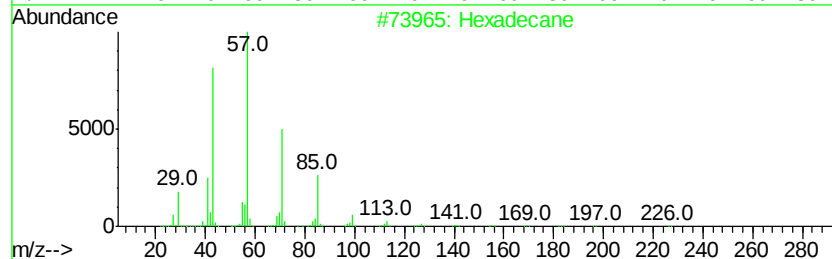
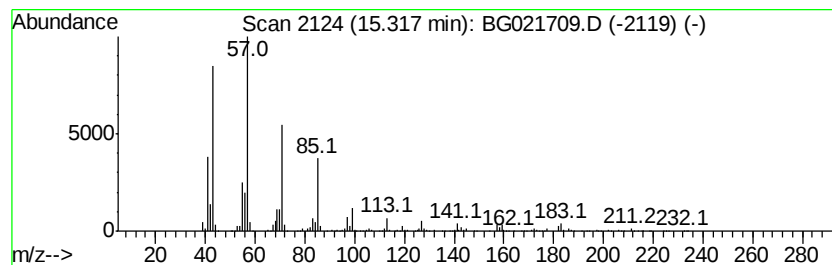
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	40.67 ng	3352190	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Octacosane	394	C28H58	000630-02-4	80
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
Operator : UM/SJ
Sample : H2558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

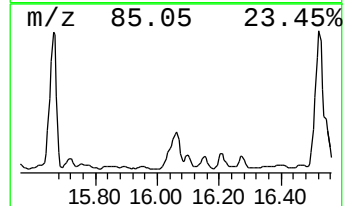
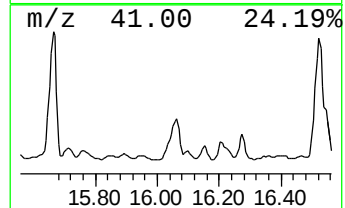
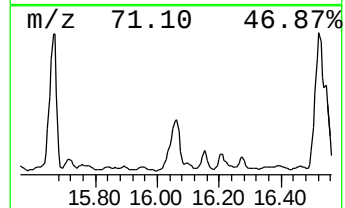
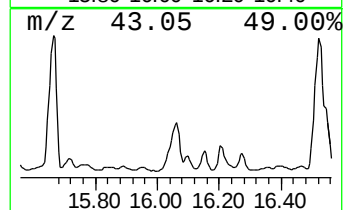
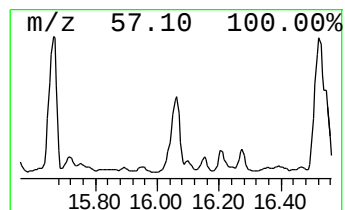
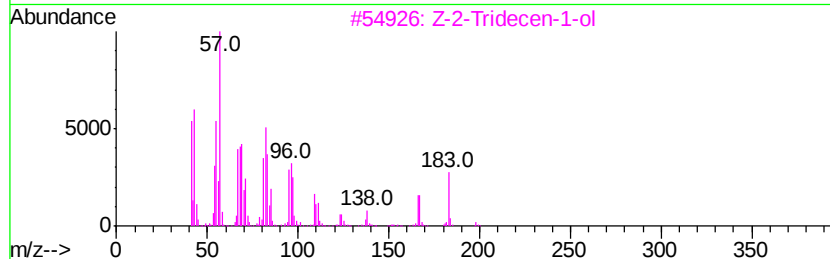
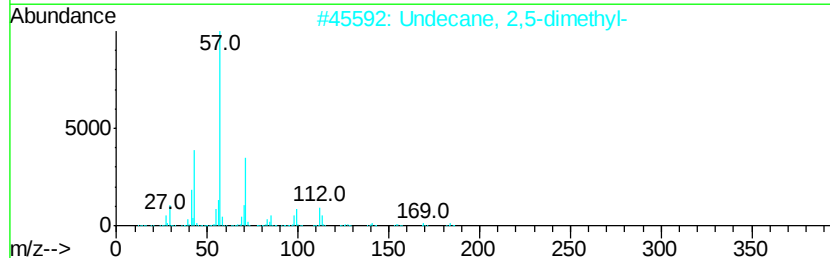
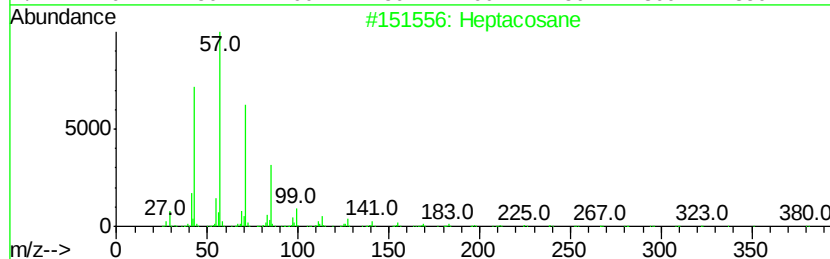
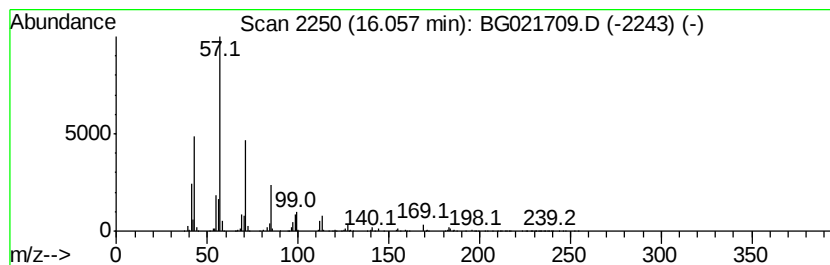
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	57.37 ng	4728240	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14-5-10

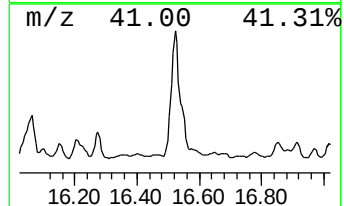
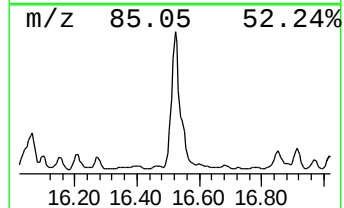
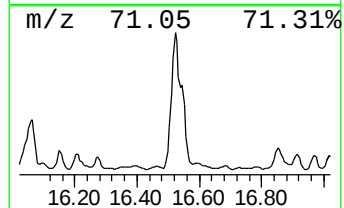
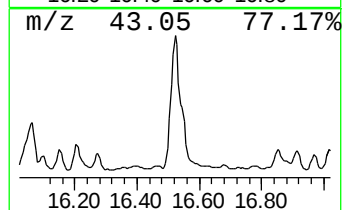
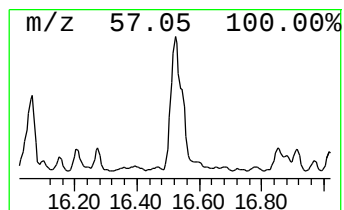
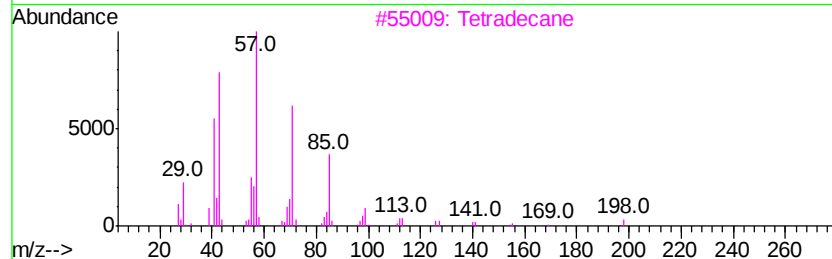
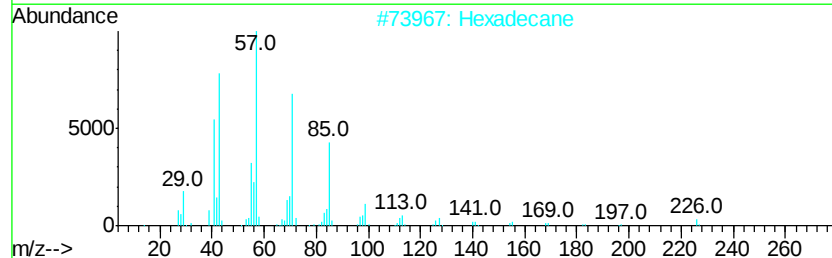
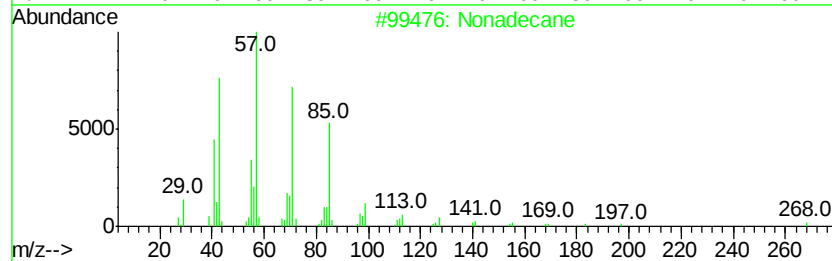
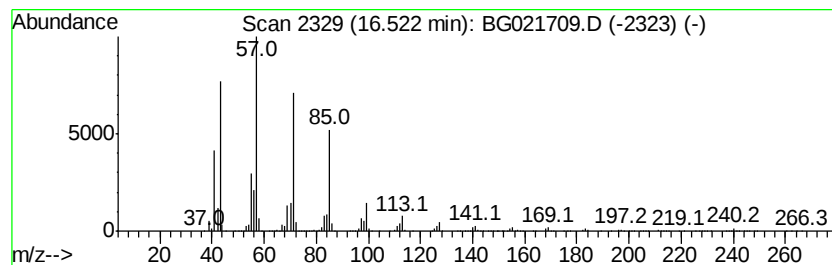
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	213.72 ng	13284900	Phenanthrene-d10	17.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Hexadecane		226	C16H34	000544-76-3	91
3	Tetradecane		198	C14H30	000629-59-4	91
4	Heptadecane		240	C17H36	000629-78-7	90
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
Operator : UM/SJ
Sample : H2558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

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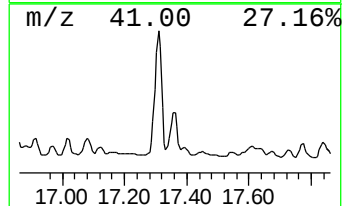
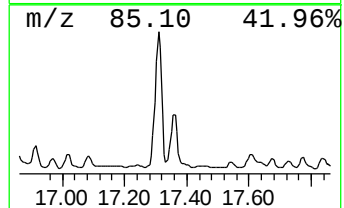
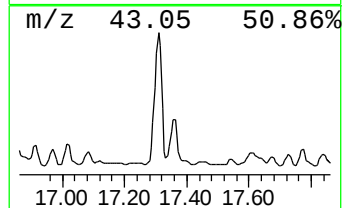
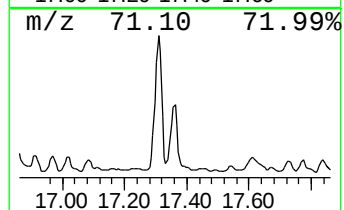
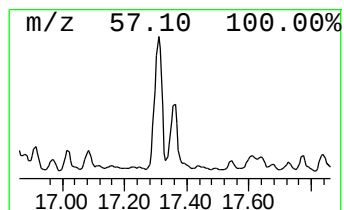
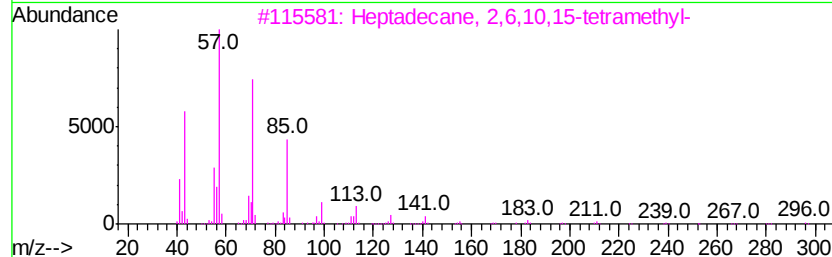
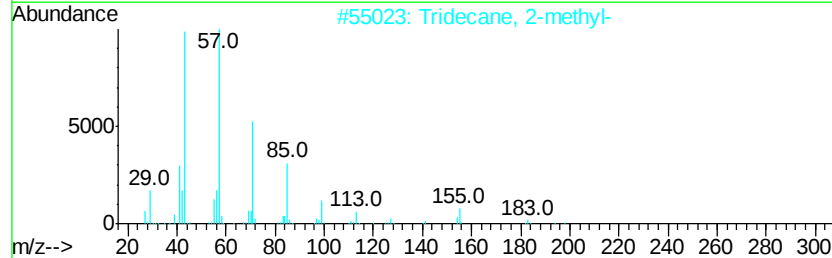
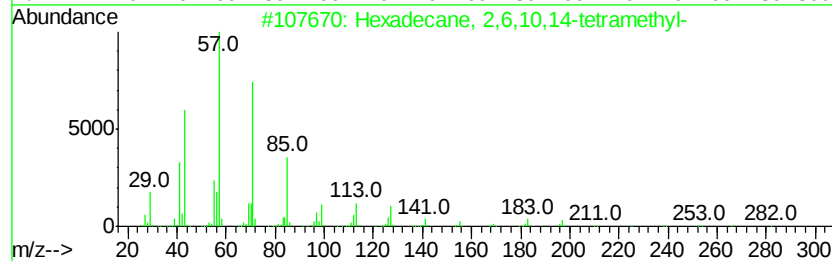
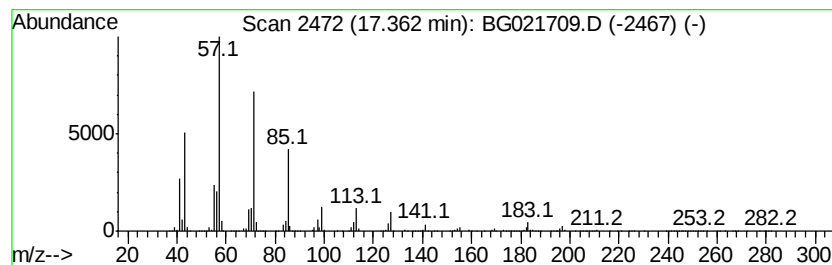
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	48.98 ng	3044550	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
Operator : UM/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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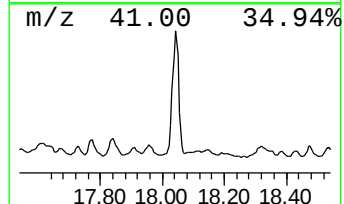
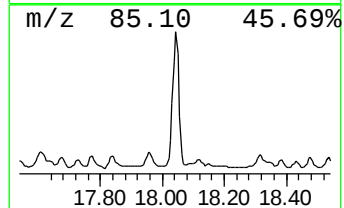
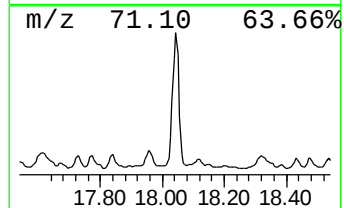
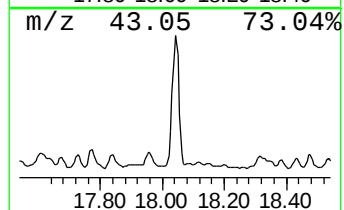
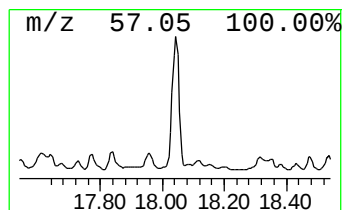
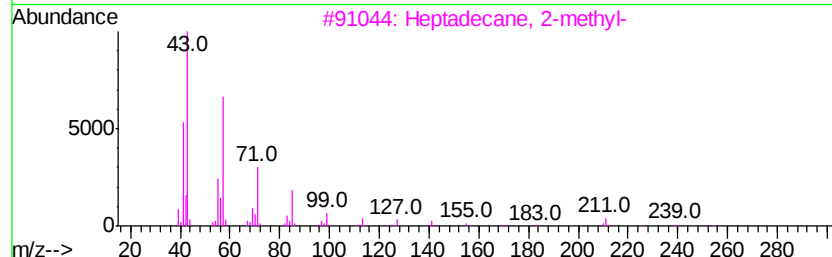
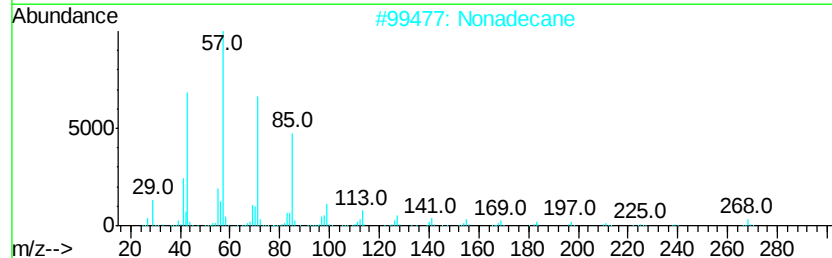
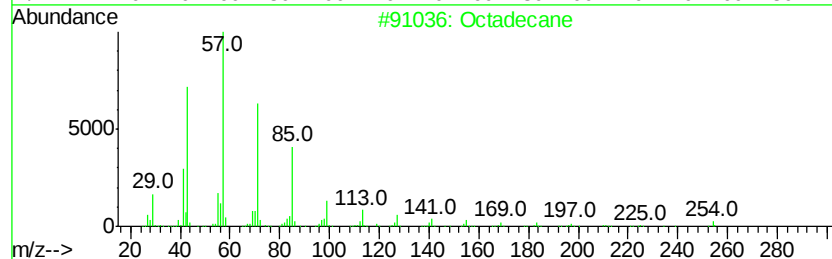
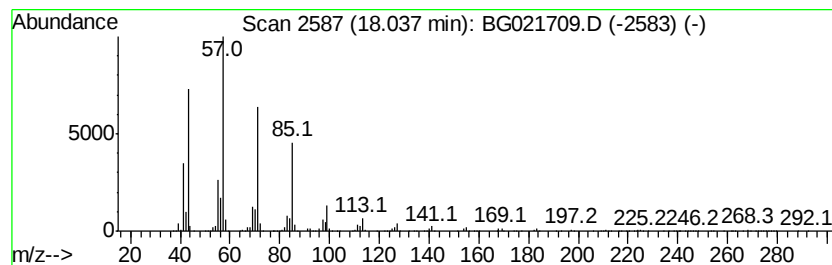
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	113.88 ng	7078610	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Nonadecane	268	C19H40	000629-92-5	94
3		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
Operator : UM/SJ
Sample : H2558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

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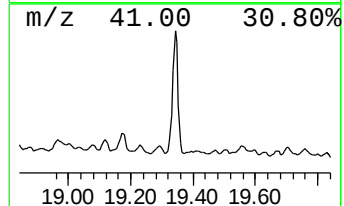
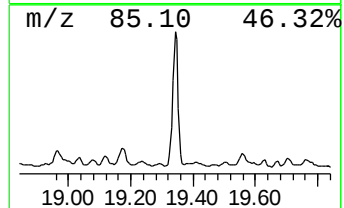
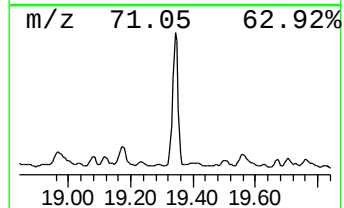
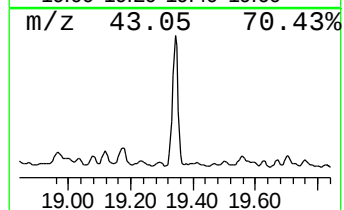
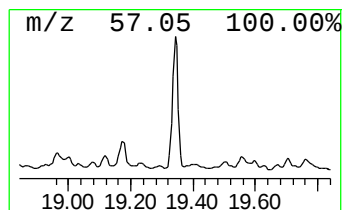
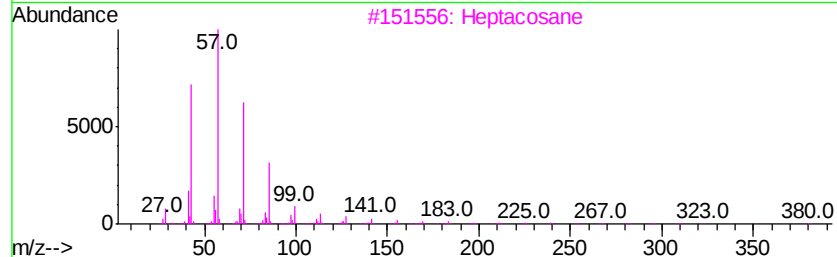
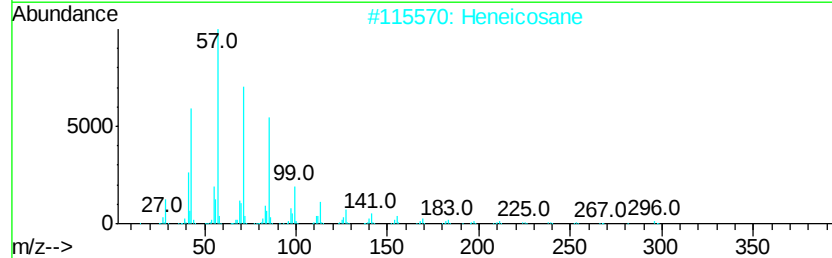
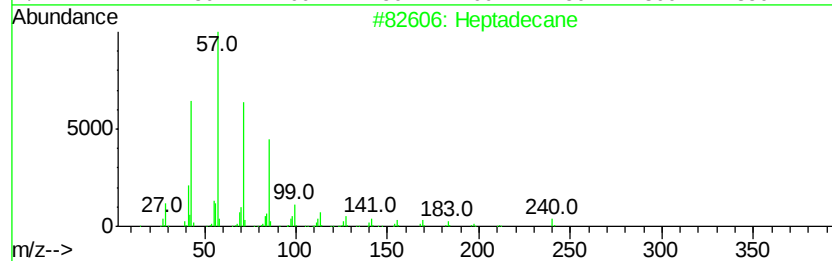
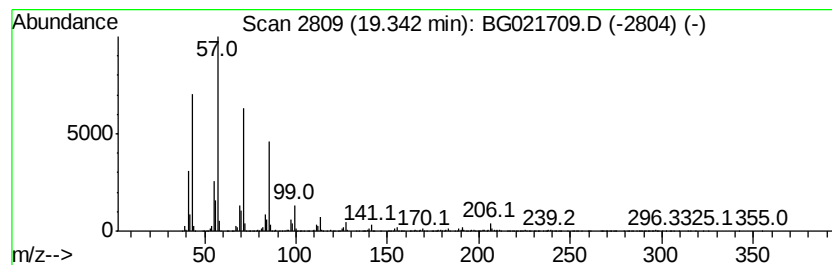
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	75.52 ng	4694700	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Heneicosane	296	C21H44	000629-94-7	97
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
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ALS Vial : 17 Sample Multiplier: 1

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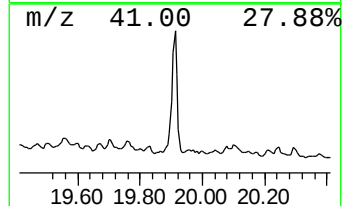
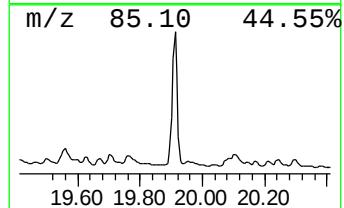
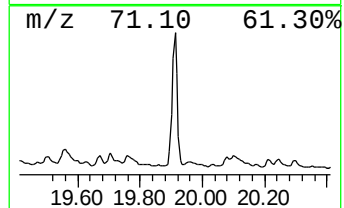
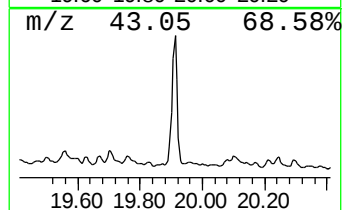
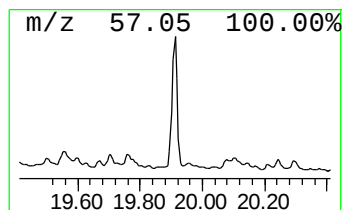
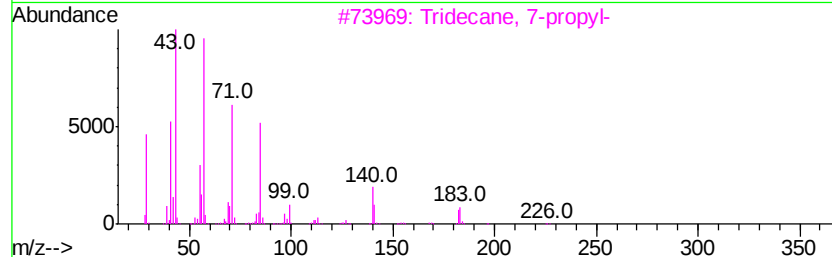
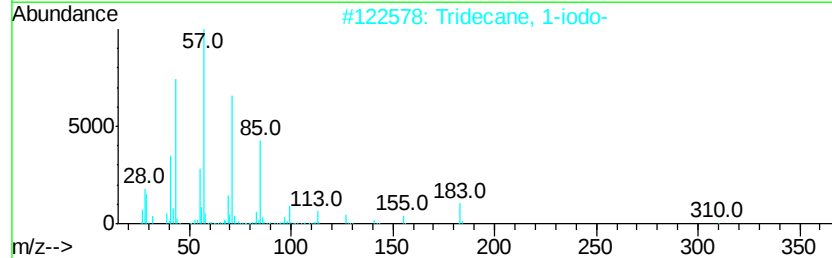
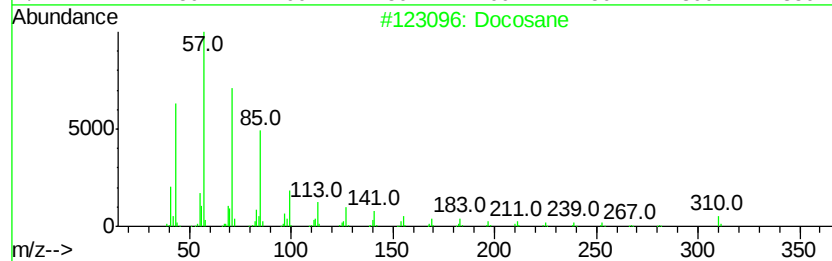
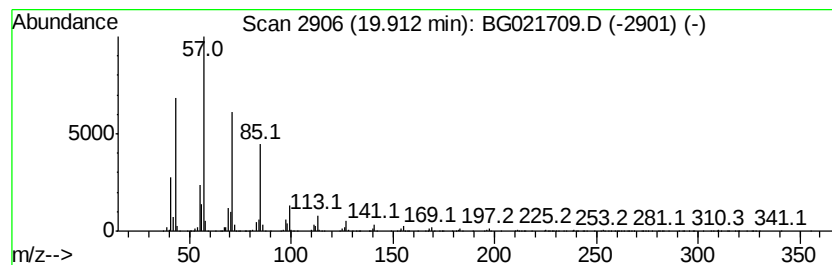
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	50.72 ng	3345240	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	97
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
4		Octadecane	254	C18H38	000593-45-3	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021709.D
Acq On : 16 Apr 2016 9:27
Operator : UM/SJ
Sample : H2558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SB-14-5-10

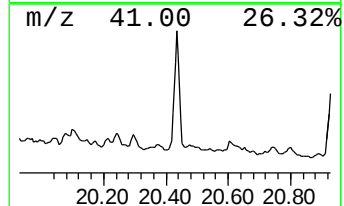
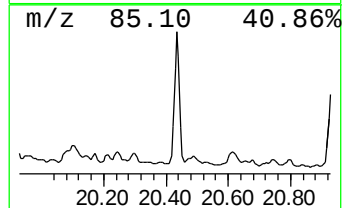
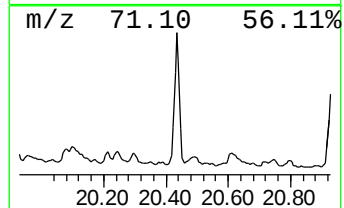
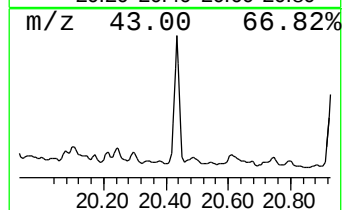
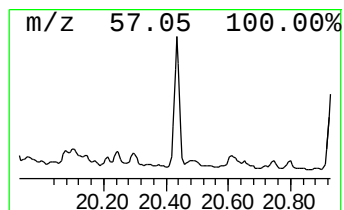
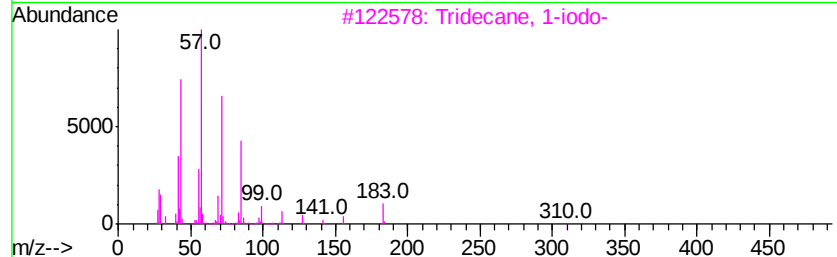
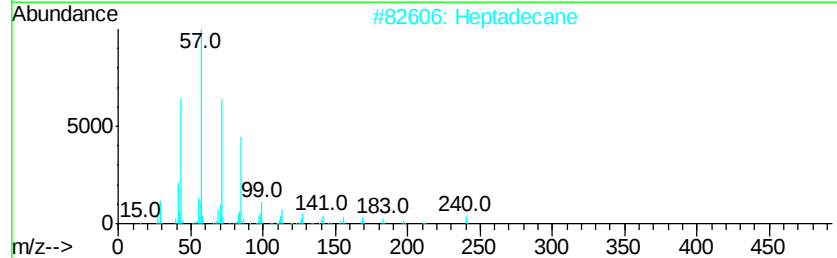
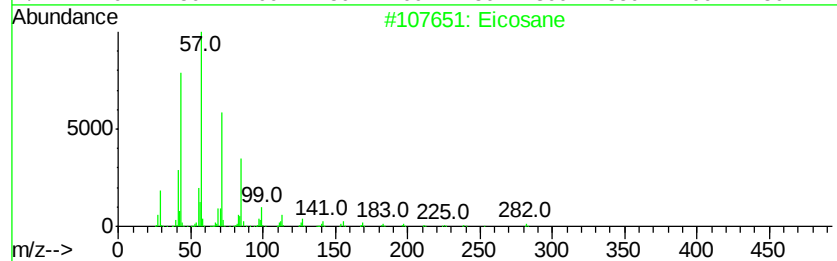
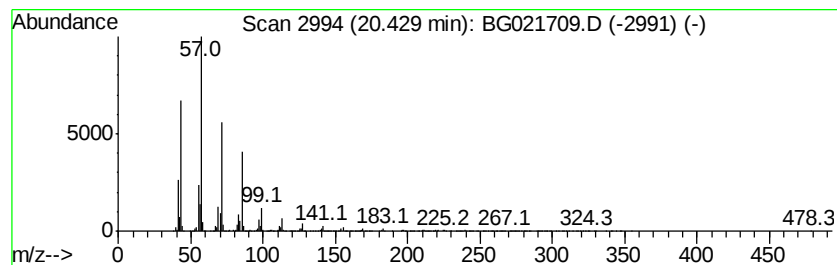
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	33.59 ng	2215380	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heptadecane	240	C17H36	000629-78-7	94
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
4		Docosane	310	C22H46	000629-97-0	93
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021709.D
 Acq On : 16 Apr 2016 9:27
 Operator : UM/SJ
 Sample : H2558-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-5-10

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	64.9	ng	3335780	1	8.22	1027340	20.0
Decane	7.83	57.6	ng	2960920	1	8.22	1027340	20.0
Benzene, 1,2-diet...	8.86	53.5	ng	2748500	1	8.22	1027340	20.0
Benzene, 1-ethyl-...	9.33	48.9	ng	2512520	1	8.22	1027340	20.0
Undecane	9.45	145.5	ng	7473690	1	8.22	1027340	20.0
Benzene, 1,3-diet...	9.58	43.7	ng	2245580	1	8.22	1027340	20.0
Dodecane, 2,6,10-...	13.37	40.5	ng	3340640	3	14.84	1648450	20.0
Naphthalene, 1,2,...	14.34	30.9	ng	2545610	3	14.84	1648450	20.0
Pentadecane	14.72	121.8	ng	10042700	3	14.84	1648450	20.0
Hexadecane	15.32	40.7	ng	3352190	3	14.84	1648450	20.0
Heptacosane	16.06	57.4	ng	4728240	3	14.84	1648450	20.0
Nonadecane	16.52	213.7	ng	13284900	4	17.57	1243230	20.0
Hexadecane, 2,6,1...	17.36	49.0	ng	3044550	4	17.57	1243230	20.0
Octadecane	18.04	113.9	ng	7078610	4	17.57	1243230	20.0
Heptadecane	19.34	75.5	ng	4694700	4	17.57	1243230	20.0
Docosane	19.91	50.7	ng	3345240	5	21.83	1319100	20.0
Eicosane	20.43	33.6	ng	2215380	5	21.83	1319100	20.0