

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021706.D
 Acq On : 16 Apr 2016 7:29
 Operator : UM/SJ
 Sample : H2558-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-5-10

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	3.103	39	45	64	rVB	2246123	3651483	16.52%	0.868%
2	6.205	568	573	583	rVB2	798708	1377729	6.23%	0.328%
3	7.362	764	770	777	rBV4	1108394	2285392	10.34%	0.543%
4	7.827	843	849	853	rBV	2727595	4588207	20.76%	1.091%
5	8.185	904	910	918	rVB	1000074	1678578	7.59%	0.399%
6	8.737	994	1004	1006	rBV2	947462	2087669	9.44%	0.496%
7	8.861	1019	1025	1032	rBV3	2051771	4057520	18.36%	0.965%
8	8.978	1038	1045	1049	rBV	1111132	2081740	9.42%	0.495%
9	9.225	1082	1087	1094	rVB	749311	1605528	7.26%	0.382%
10	9.331	1094	1105	1111	rBV	1626266	4037187	18.26%	0.960%
11	9.454	1116	1126	1131	rVV	5081110	11153694	50.46%	2.651%
12	9.583	1135	1148	1155	rBV6	1227824	4002079	18.10%	0.951%
13	9.689	1155	1166	1176	rVV9	835109	3307756	14.96%	0.786%
14	9.795	1177	1184	1189	rVV6	481461	1391787	6.30%	0.331%
15	9.860	1190	1195	1200	rVV	1247928	2262764	10.24%	0.538%
16	9.918	1200	1205	1208	rVV	1007273	1812853	8.20%	0.431%
17	9.959	1208	1212	1222	rVB2	1284089	2732928	12.36%	0.650%
18	10.106	1228	1237	1241	rBV4	652324	1852148	8.38%	0.440%
19	10.153	1241	1245	1250	rVV2	1282974	2474036	11.19%	0.588%
20	10.224	1250	1257	1262	rVV4	1382619	3355083	15.18%	0.798%
21	10.283	1262	1267	1277	rVV4	1610893	4821487	21.81%	1.146%
22	10.371	1277	1282	1288	rVV2	1554171	3493364	15.80%	0.830%
23	10.441	1288	1294	1300	rVV4	2756361	6385165	28.89%	1.518%
24	10.494	1300	1303	1308	rVV2	1082938	1858082	8.41%	0.442%
25	10.553	1308	1313	1317	rVV	1313328	2337544	10.57%	0.556%
26	10.612	1320	1323	1329	rVV4	939007	1744594	7.89%	0.415%
27	10.676	1329	1334	1339	rVB	1354227	2287651	10.35%	0.544%
28	10.735	1339	1344	1352	rVB3	737087	1718078	7.77%	0.408%
29	10.811	1352	1357	1366	rBV5	748378	1966170	8.89%	0.467%
30	11.011	1383	1391	1397	rVV2	7148417	15463573	69.96%	3.676%
31	11.105	1397	1407	1411	rVV5	828857	2879474	13.03%	0.684%
32	11.187	1411	1421	1427	rVB3	2710449	7056110	31.92%	1.677%
33	11.252	1427	1432	1438	rBV4	1114736	2463725	11.15%	0.586%
34	11.511	1471	1476	1484	rVB4	1538071	3602744	16.30%	0.856%

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35	11.622	1491	1495	1502	rVV5	708385	1746153	7.90%	0.415%
36	11.704	1503	1509	1510	rVV3	844704	1470477	6.65%	0.350%
37	11.740	1510	1515	1521	rVV4	2041602	5137150	23.24%	1.221%
38	11.787	1521	1523	1531	rVB3	882833	1783292	8.07%	0.424%
39	11.869	1531	1537	1543	rBV4	2068599	4078899	18.45%	0.970%
40	11.945	1544	1550	1556	rBV3	2516184	5095694	23.05%	1.211%
41	12.045	1562	1567	1571	rVV	2628701	4486723	20.30%	1.067%
42	12.086	1571	1574	1579	rVV3	973076	1397366	6.32%	0.332%
43	12.139	1579	1583	1588	rVB2	1048181	1808274	8.18%	0.430%
44	12.233	1592	1599	1604	rBV2	3294473	5926532	26.81%	1.409%
45	12.451	1625	1636	1640	rBV2	7512996	16209280	73.33%	3.853%
46	12.574	1653	1657	1663	rVB2	1340901	2305612	10.43%	0.548%
47	12.650	1667	1670	1674	rVV3	1439008	2154648	9.75%	0.512%
48	12.692	1674	1677	1684	rVB3	898799	1634437	7.39%	0.389%
49	12.938	1715	1719	1724	rVB2	2193883	3262174	14.76%	0.775%
50	13.056	1734	1739	1743	rBV2	1470037	2380057	10.77%	0.566%
51	13.162	1753	1757	1760	rBV	891550	1327293	6.00%	0.316%
52	13.232	1766	1769	1775	rVB3	2438736	3588441	16.23%	0.853%
53	13.320	1779	1784	1787	rBV	1670150	2757465	12.47%	0.655%
54	13.373	1789	1793	1801	rVB3	2764716	5211851	23.58%	1.239%
55	13.467	1806	1809	1819	rVV4	824763	1911205	8.65%	0.454%
56	13.555	1820	1824	1829	rVB5	785290	1310026	5.93%	0.311%
57	13.679	1836	1845	1850	rVB	7857001	16720146	75.64%	3.975%
58	13.790	1861	1864	1871	rVB3	1439776	2292080	10.37%	0.545%
59	14.125	1916	1921	1925	rBV4	1181423	2613273	11.82%	0.621%
60	14.172	1925	1929	1933	rVV4	2088936	4156332	18.80%	0.988%
61	14.219	1933	1937	1941	rVV2	2461809	3798960	17.19%	0.903%
62	14.307	1942	1952	1956	rVV4	4036659	9986173	45.18%	2.374%
63	14.348	1956	1959	1965	rVV2	3317054	5415450	24.50%	1.287%
64	14.425	1966	1972	1976	rVB3	2647852	4578748	20.71%	1.088%
65	14.672	2008	2014	2018	rBV6	712911	1732709	7.84%	0.412%
66	14.736	2018	2025	2031	rVB	9071287	16592082	75.06%	3.944%
67	14.801	2031	2036	2040	rBV6	1608013	3447375	15.60%	0.819%
68	15.048	2074	2078	2084	rVB4	1144656	1988371	9.00%	0.473%
69	15.159	2093	2097	2099	rBV3	1264893	2011604	9.10%	0.478%
70	15.212	2103	2106	2112	rVV3	1520475	2677395	12.11%	0.636%
71	15.271	2113	2116	2120	rVB	1189925	1526989	6.91%	0.363%

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72	15.335	2120	2127	2134	rBV6	2654175	6341141	28.69%	1.507%
73	15.400	2135	2138	2142	rVB	1703188	2121609	9.60%	0.504%
74	15.453	2143	2147	2152	rBV5	1052225	2425823	10.97%	0.577%
75	15.682	2179	2186	2189	rVB	8871137	15359694	69.49%	3.651%
76	15.723	2189	2193	2197	rVB4	804471	1247551	5.64%	0.297%
77	16.070	2244	2252	2256	rBV	3583287	7884168	35.67%	1.874%
78	16.158	2263	2267	2272	rVB	1531300	2263740	10.24%	0.538%
79	16.217	2273	2277	2284	rVV2	1372706	2660266	12.03%	0.632%
80	16.281	2284	2288	2292	rVB2	2146315	2645461	11.97%	0.629%
81	16.534	2324	2331	2345	rVB2	8566665	22104935	100.00%	5.255%
82	16.857	2382	2386	2390	rBV	1408666	2411656	10.91%	0.573%
83	16.922	2394	2397	2403	rVV3	1663705	2381191	10.77%	0.566%
84	17.022	2411	2414	2420	rVB	1614738	2102491	9.51%	0.500%
85	17.086	2421	2425	2429	rBV3	1310116	2004262	9.07%	0.476%
86	17.321	2458	2465	2468	rBV	8023795	12975511	58.70%	3.084%
87	17.368	2469	2473	2477	rVB	3712328	4887132	22.11%	1.162%
88	17.780	2539	2543	2549	rVB	1359256	2213175	10.01%	0.526%
89	17.844	2550	2554	2561	rBV2	1260395	2138707	9.68%	0.508%
90	17.962	2571	2574	2579	rBV2	824064	1186788	5.37%	0.282%
91	18.056	2584	2590	2594	rVB	7713633	11492189	51.99%	2.732%
92	18.479	2659	2662	2667	rVB2	929689	1324223	5.99%	0.315%
93	18.731	2699	2705	2709	rBV	7037982	9414356	42.59%	2.238%
94	19.178	2777	2781	2785	rVB	1041009	1473072	6.66%	0.350%
95	19.348	2805	2810	2814	rBV	6096546	7807420	35.32%	1.856%
96	19.918	2901	2907	2911	rVB	4225641	5743880	25.98%	1.365%
97	20.147	2943	2946	2953	rVB	1634314	2375897	10.75%	0.565%
98	20.435	2991	2995	2999	rVB	3076336	3832173	17.34%	0.911%
99	20.935	3075	3080	3083	rBV	1893451	2288906	10.35%	0.544%
100	21.446	3163	3167	3173	rVB	904491	1174204	5.31%	0.279%

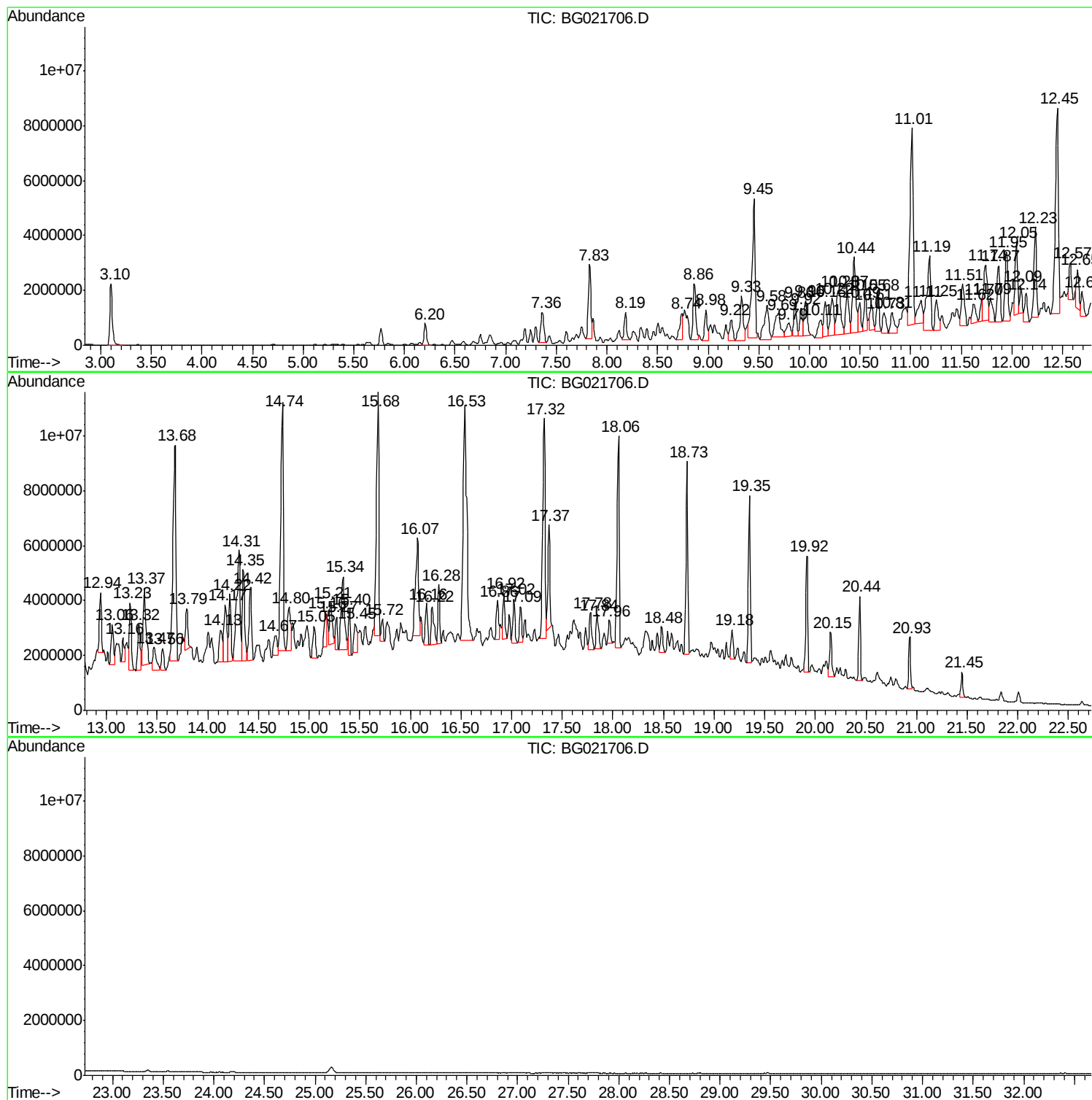
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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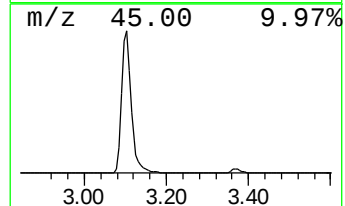
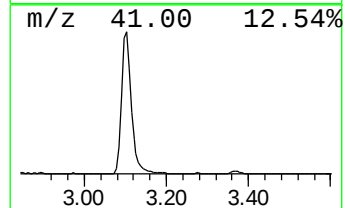
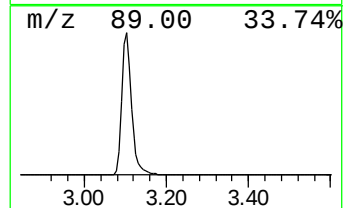
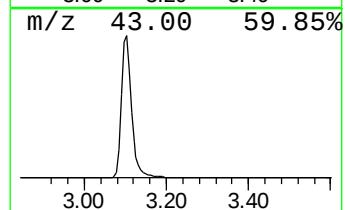
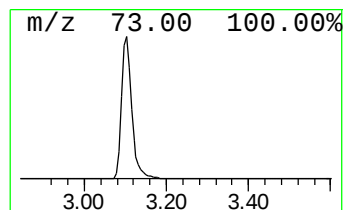
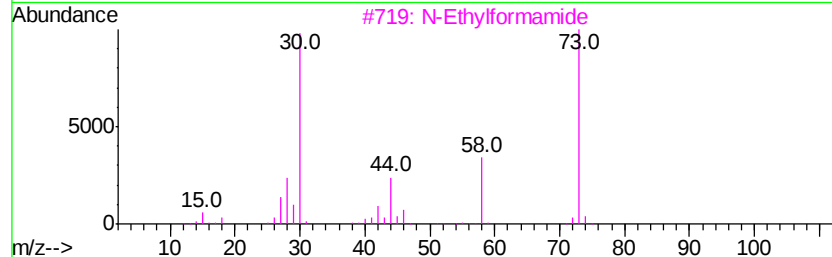
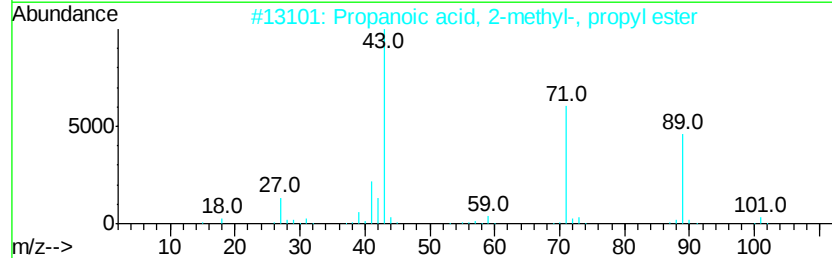
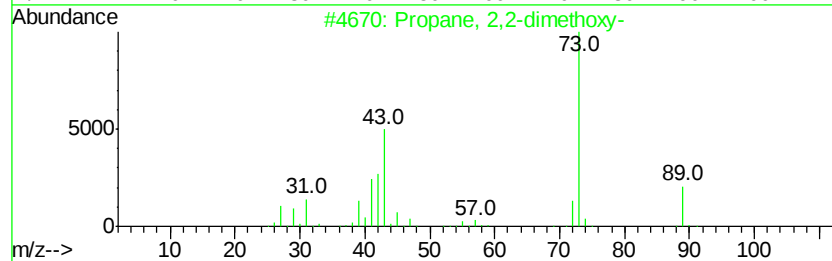
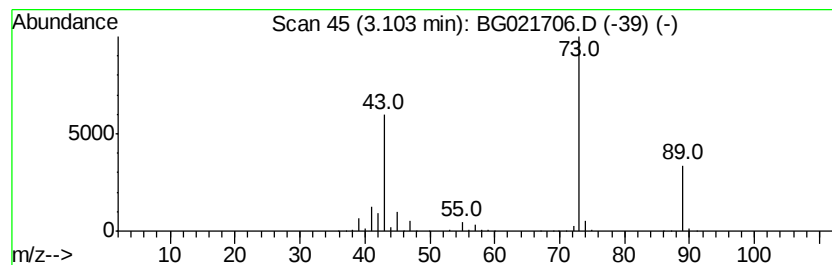
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	43.51 ng	3651480	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2		Propanoic acid, 2-methyl-, propyl ester	130	C7H14O2	000644-49-5	23
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9



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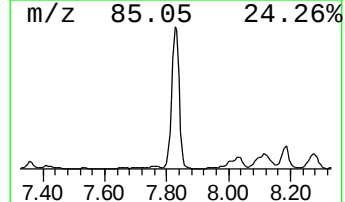
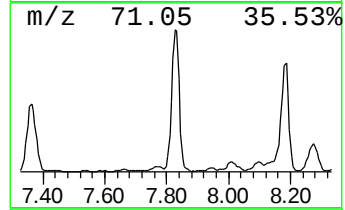
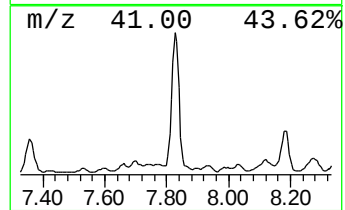
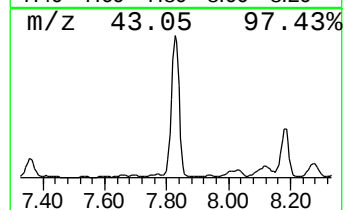
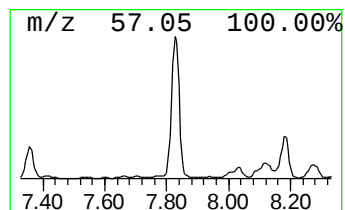
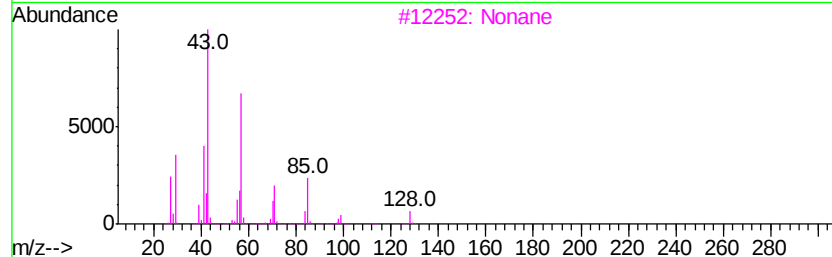
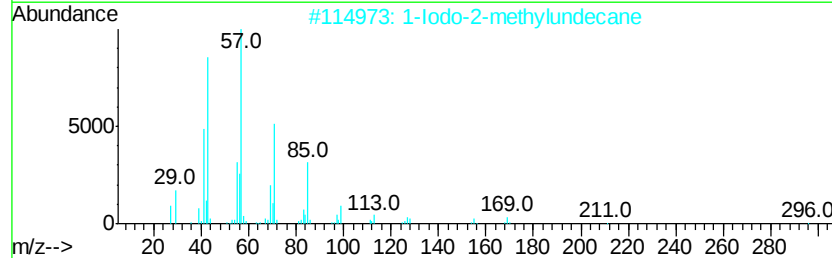
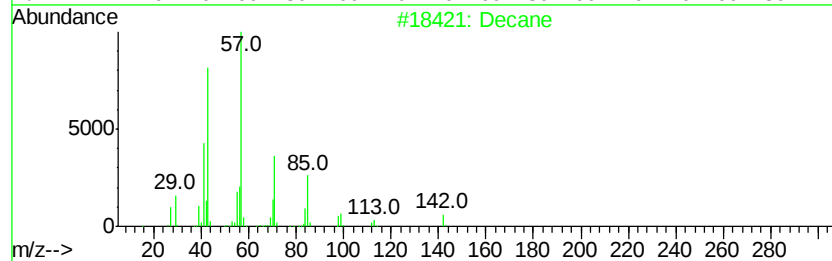
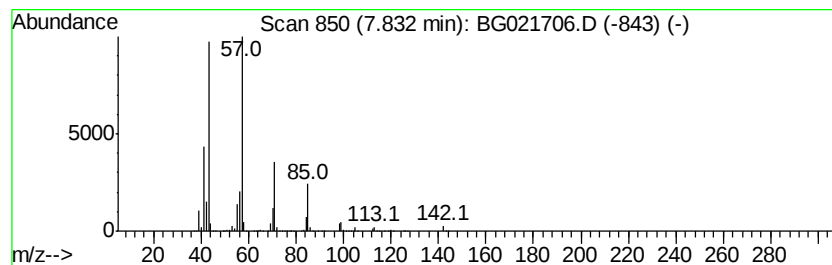
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	54.67 ng	4588210	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
3		Nonane	128	C9H20	000111-84-2	78
4		Undecane	156	C11H24	001120-21-4	78
5		Hexatriacontane	507	C36H74	000630-06-8	72



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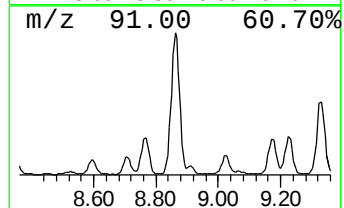
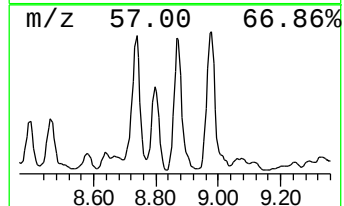
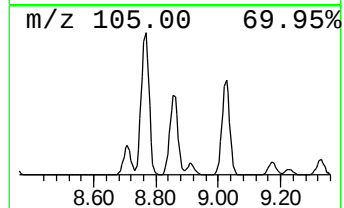
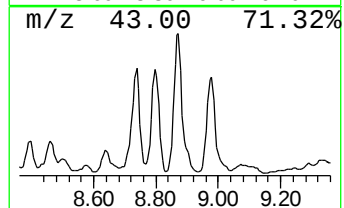
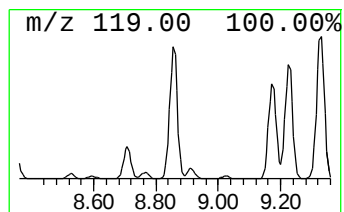
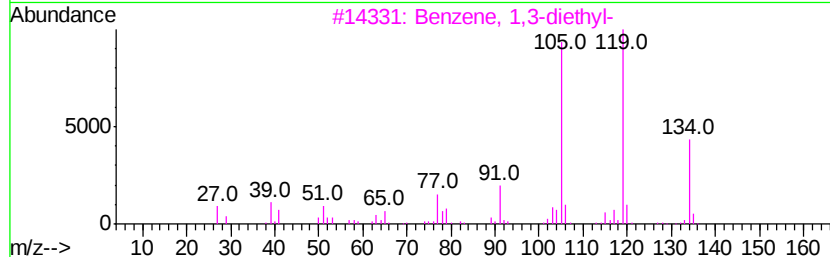
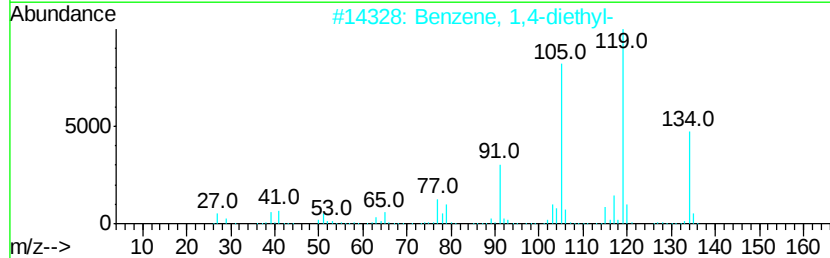
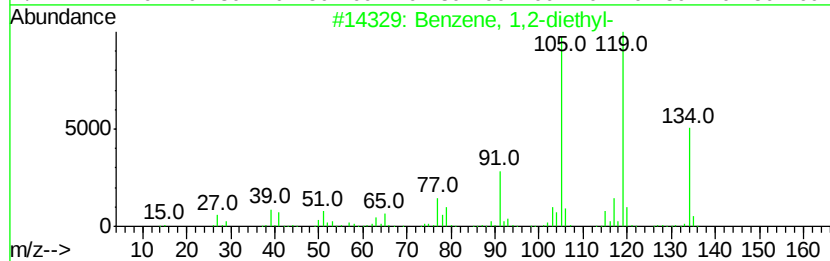
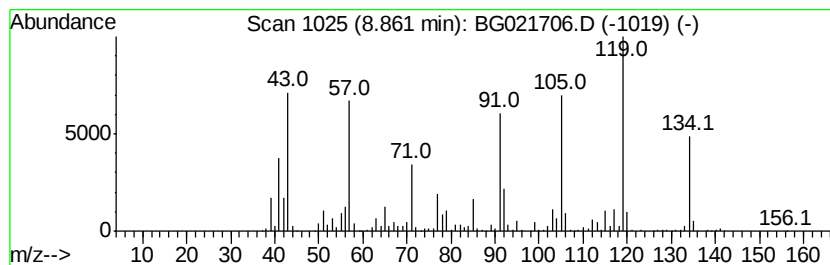
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	48.34 ng	4057520	1,4-Dichlorobenzene-d4	8.21

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	93
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
Acq On : 16 Apr 2016 7:29
Operator : UM/SJ
Sample : H2558-01
Misc :
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ClientSampleId :
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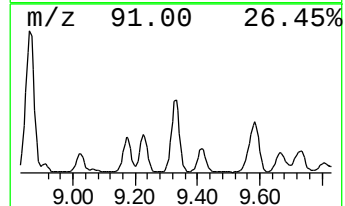
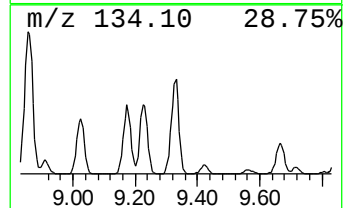
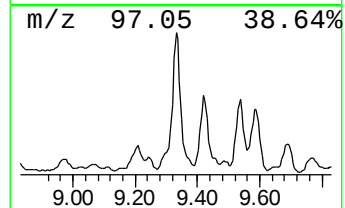
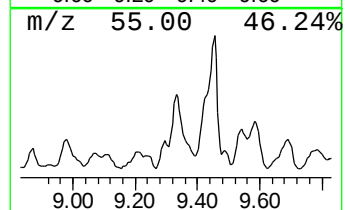
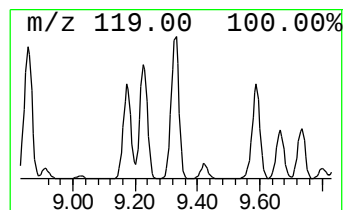
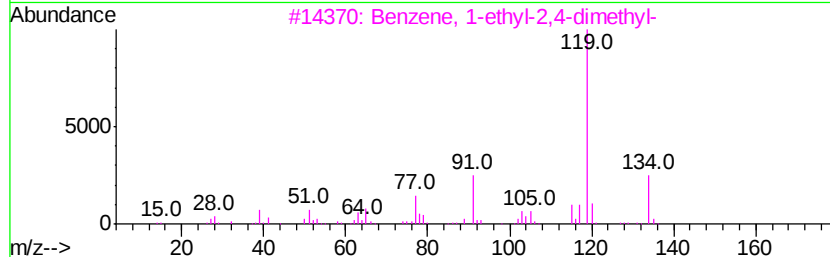
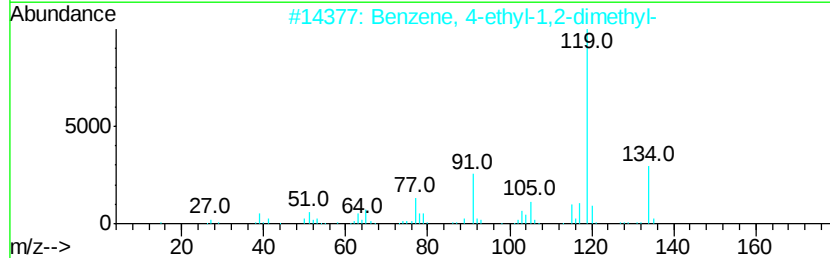
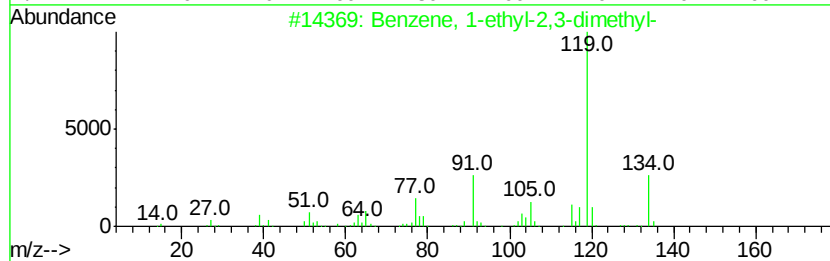
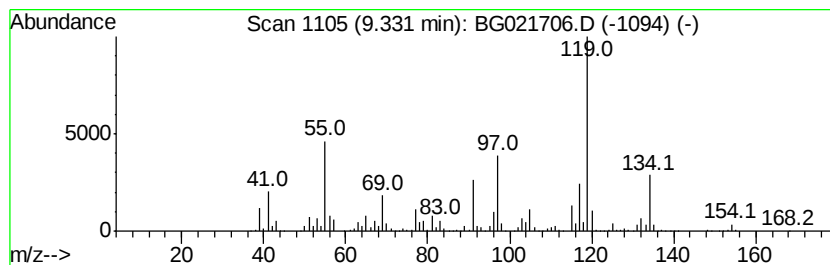
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	48.10 ng	4037190	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60



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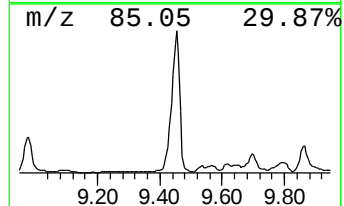
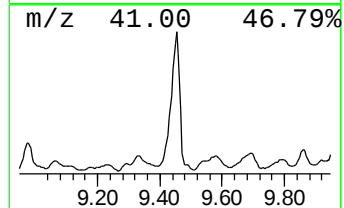
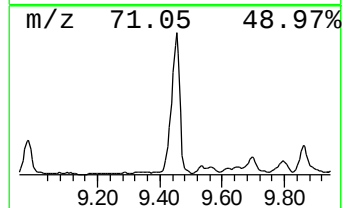
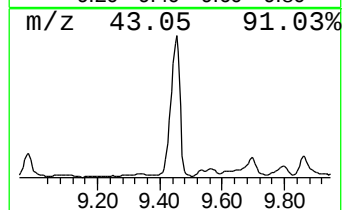
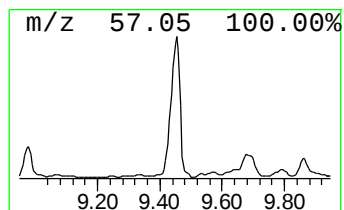
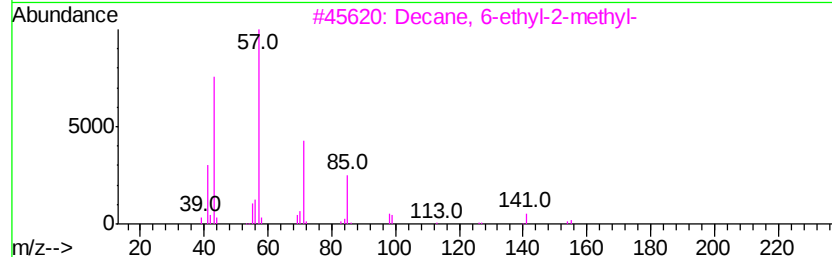
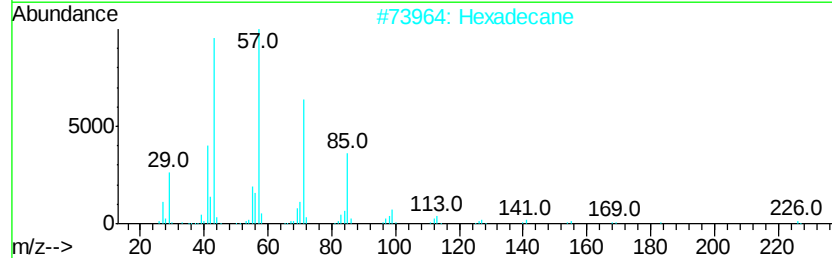
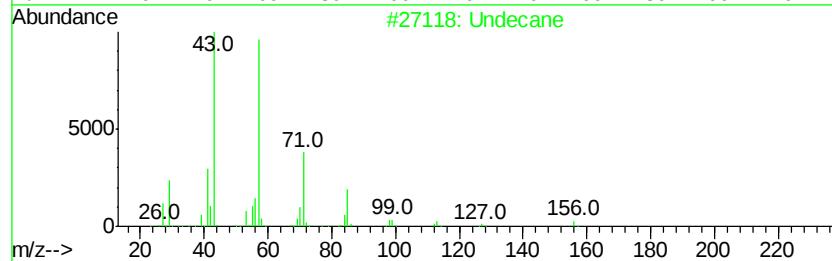
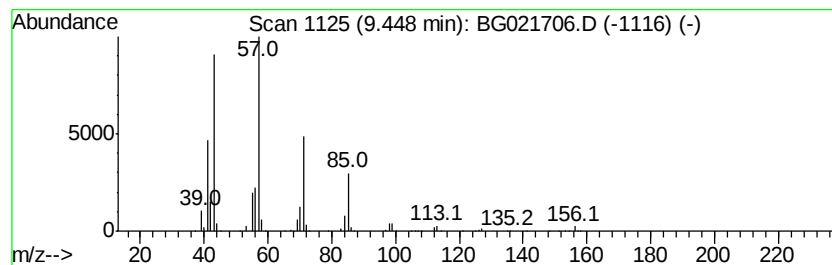
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	132.90 ng	11153700	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4		Tridecane	184	C13H28	000629-50-5	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
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Misc :
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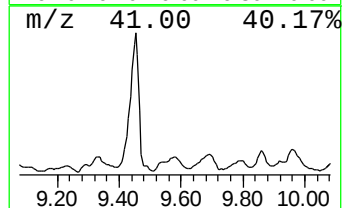
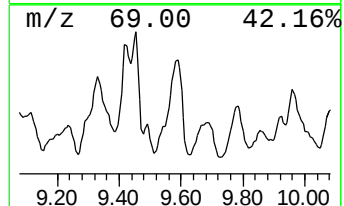
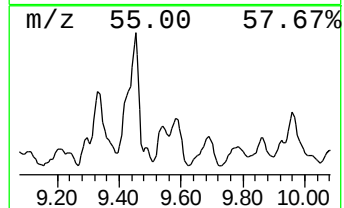
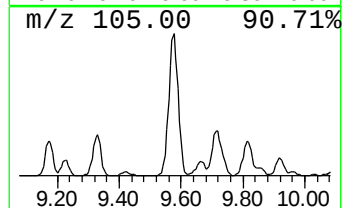
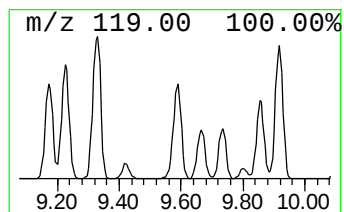
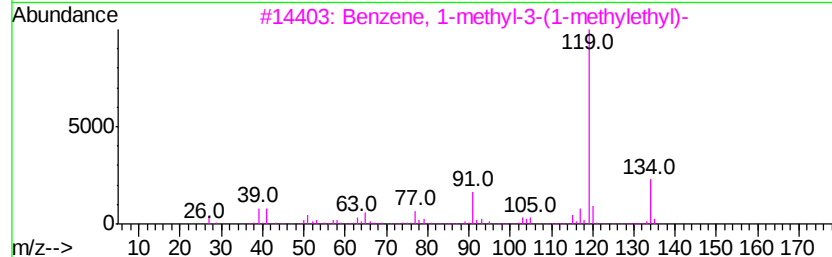
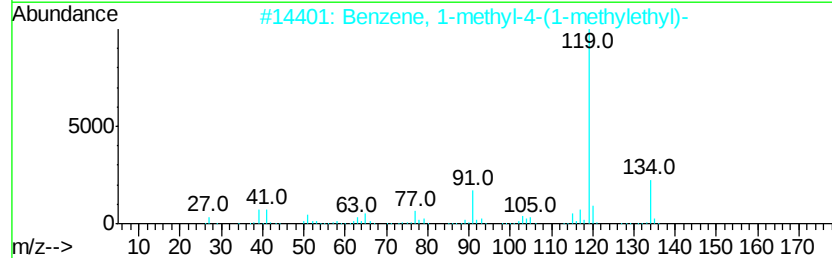
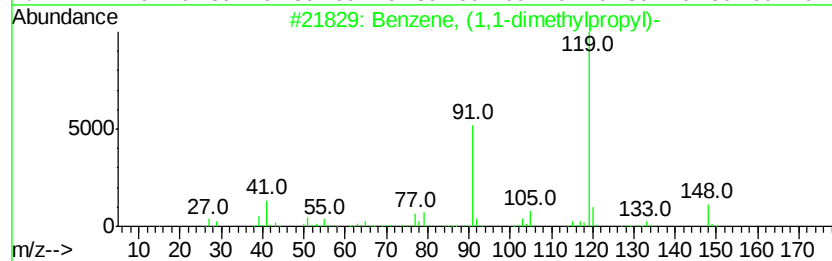
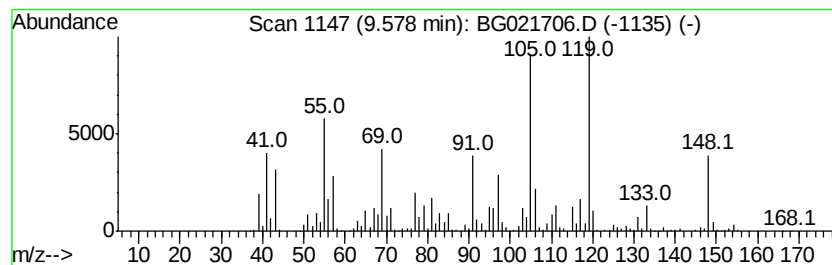
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, (1,1-dimethylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	47.68 ng	4002080	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
2		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	55
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	55
4		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	55
5		4'-Methylpropiophenone	148	C10H12O	005337-93-9	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
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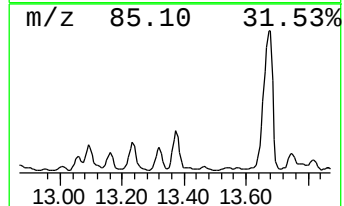
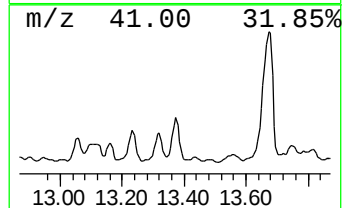
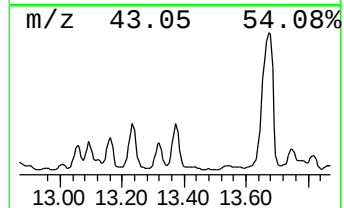
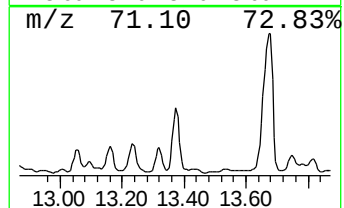
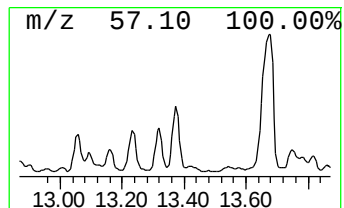
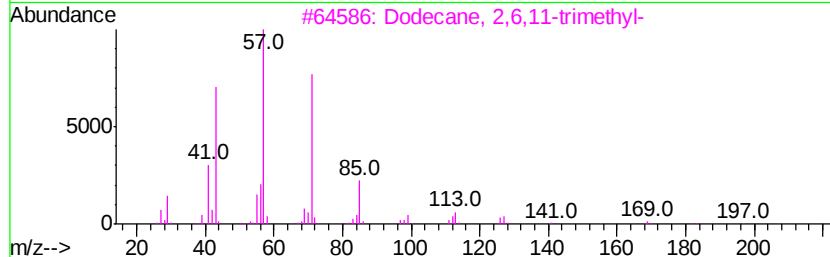
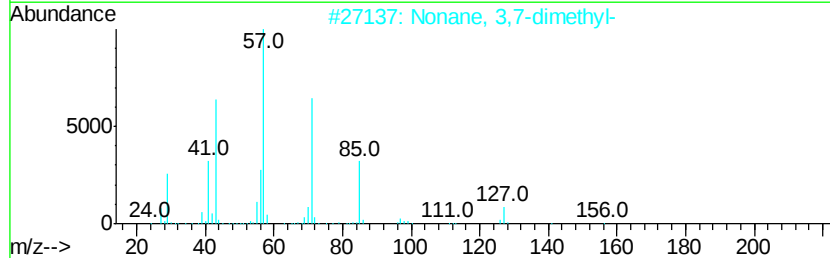
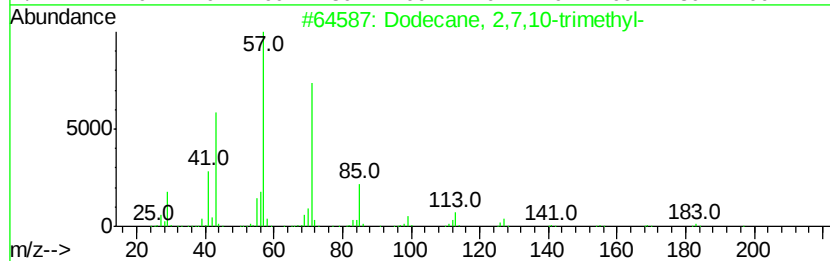
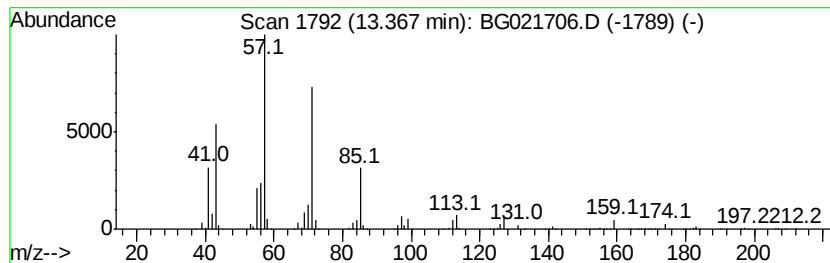
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	30.24 ng	5211850	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		Decane, 5-propyl-	184	C13H28	017312-62-8	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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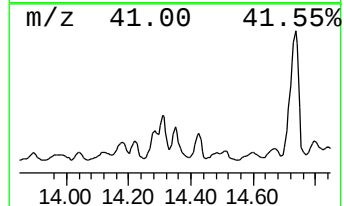
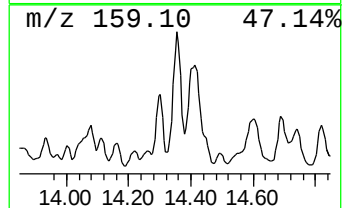
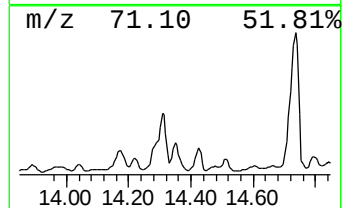
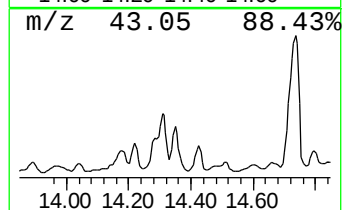
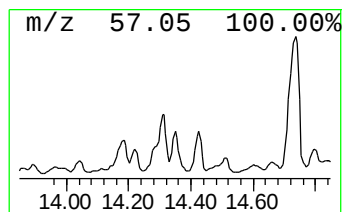
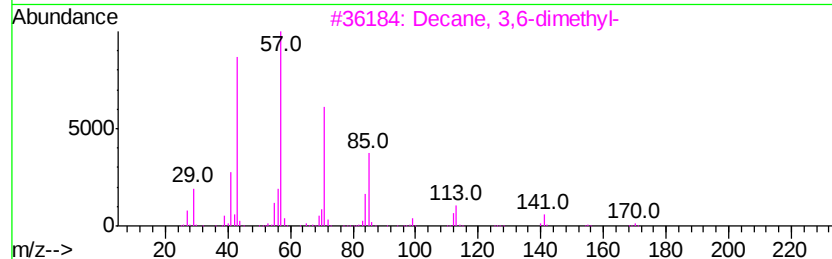
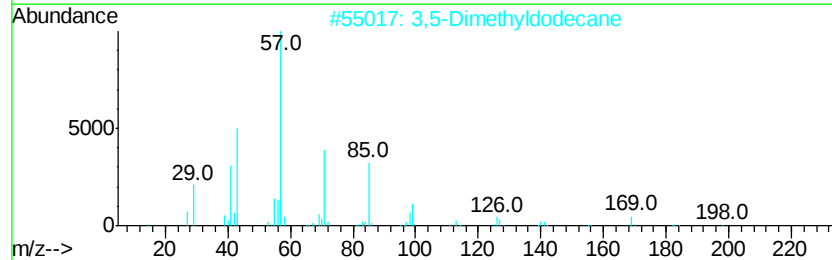
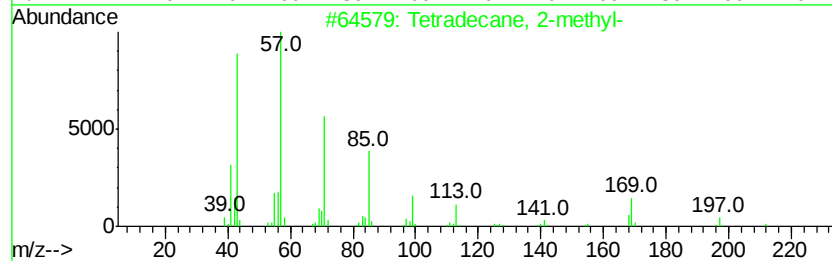
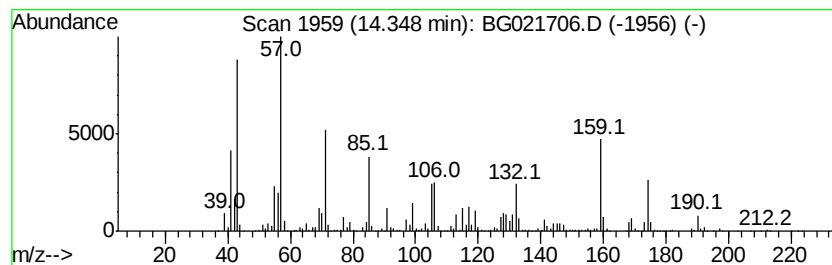
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetradecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	31.42 ng	5415450	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	92
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	38
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
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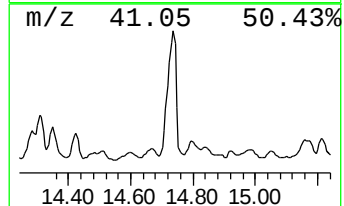
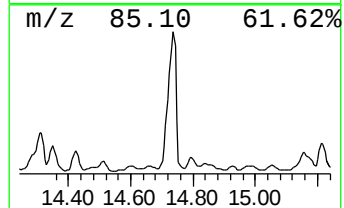
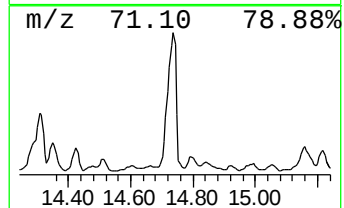
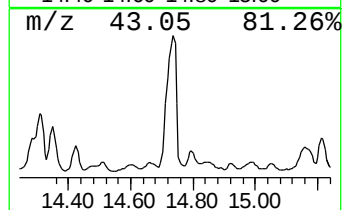
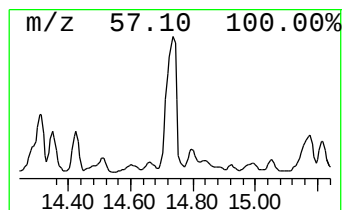
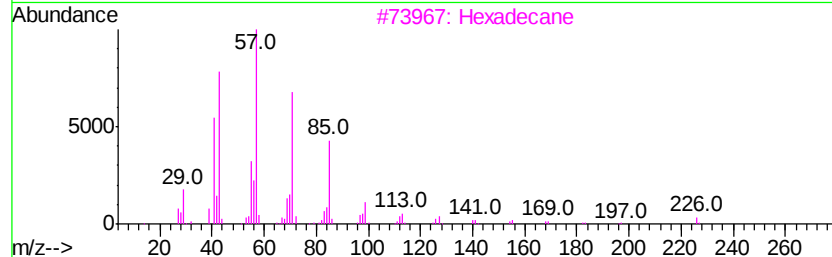
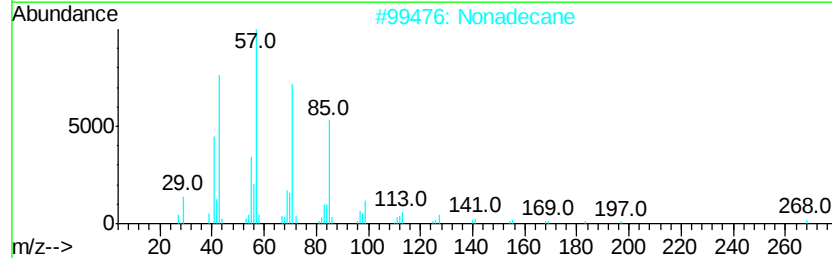
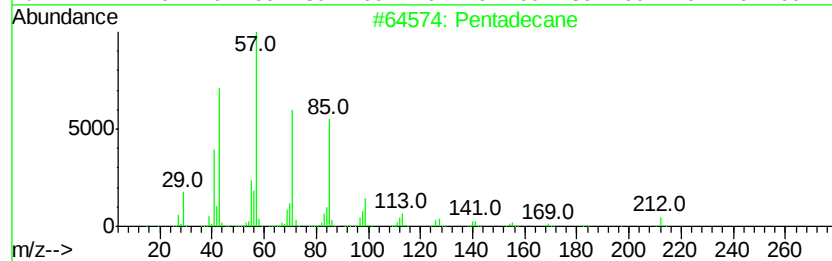
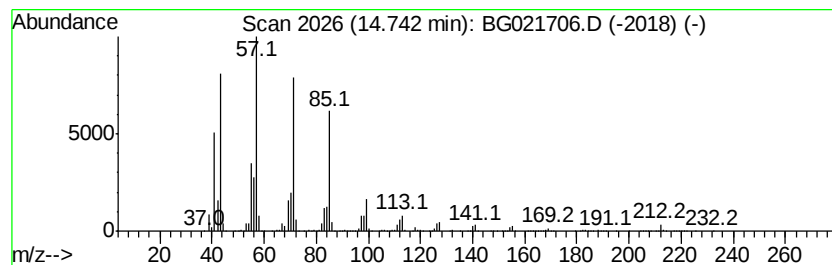
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	96.26 ng	16592100	Acenaphthene-d10	14.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Nonadecane		268	C19H40	000629-92-5	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	Heptadecane		240	C17H36	000629-78-7	87
5	Dodecane		170	C12H26	000112-40-3	86



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ALS Vial : 14 Sample Multiplier: 1

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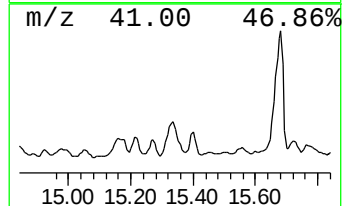
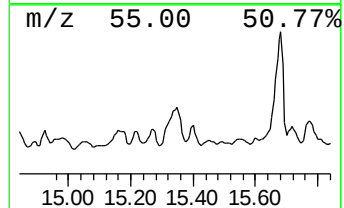
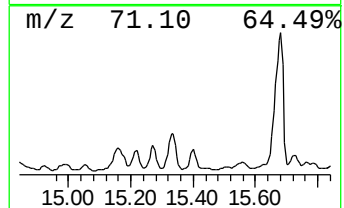
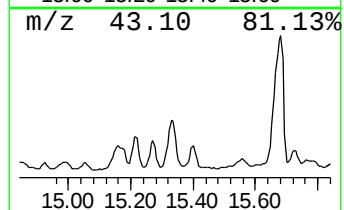
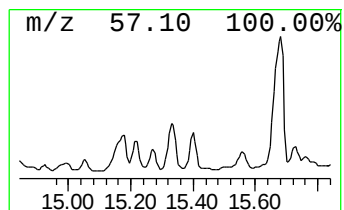
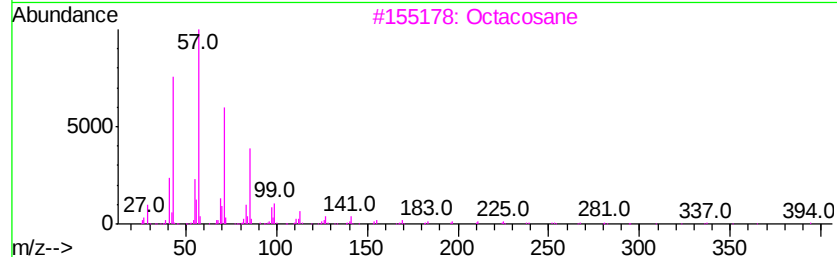
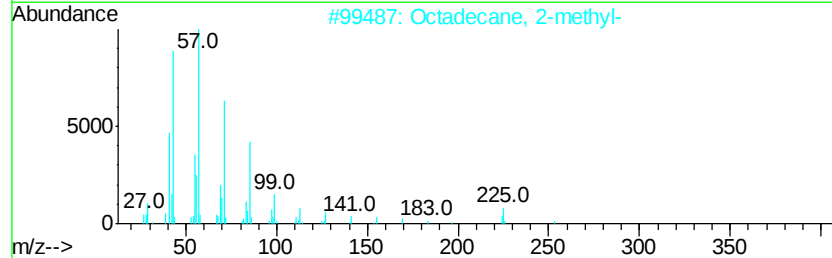
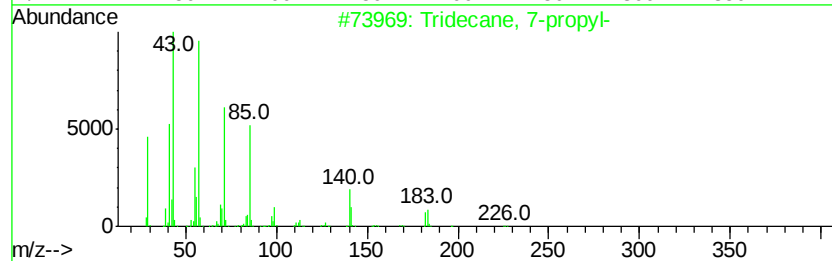
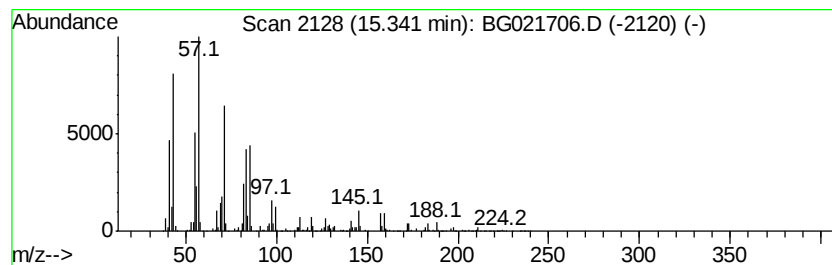
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 7-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	36.79 ng	6341140	Acenaphthene-d10	14.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Hexadecane	226	C16H34	000544-76-3	86
5			Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
Acq On : 16 Apr 2016 7:29
Operator : UM/SJ
Sample : H2558-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2-5-10

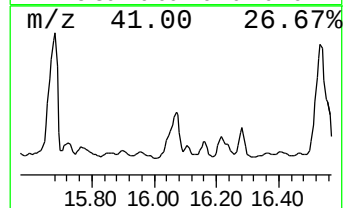
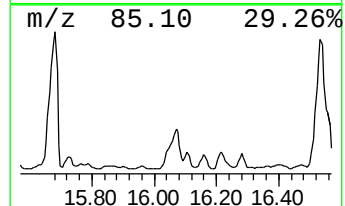
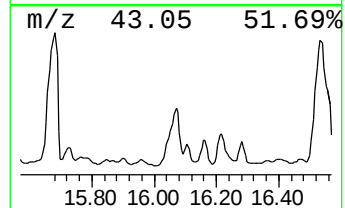
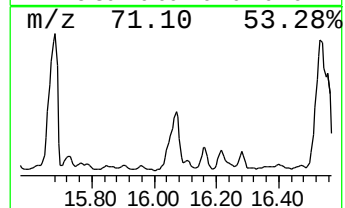
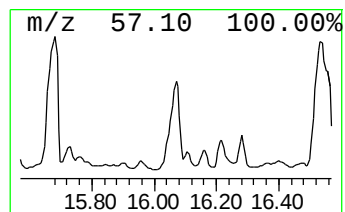
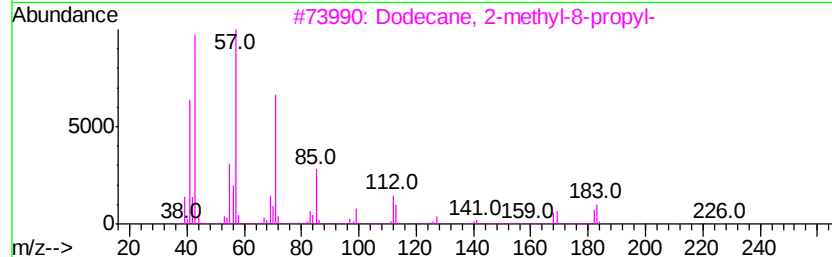
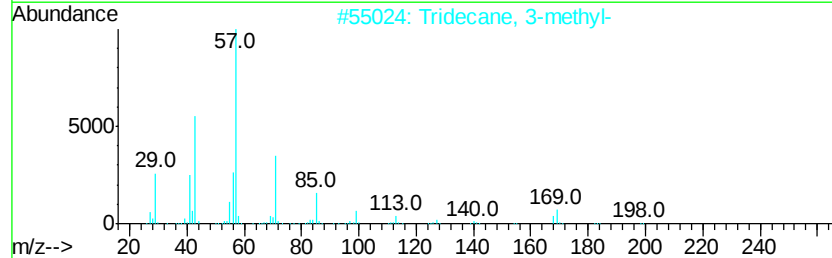
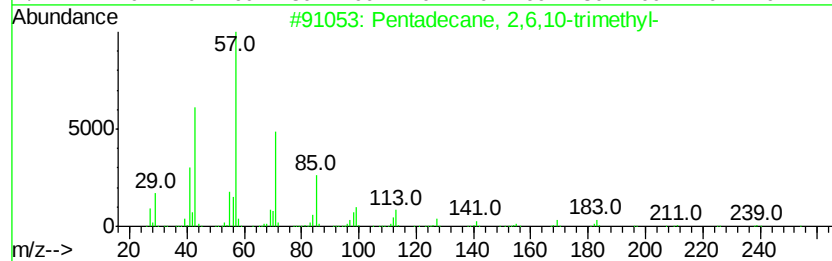
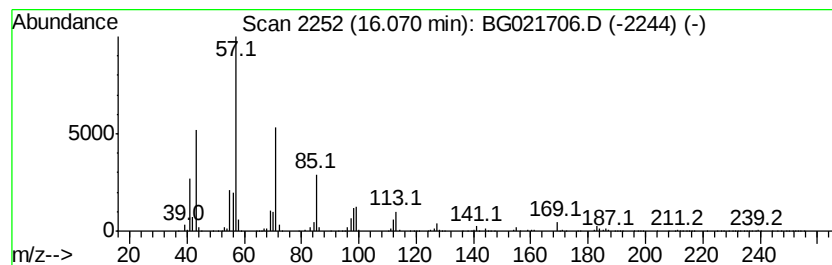
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	45.74 ng	7884170	Acenaphthene-d10	14.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
3		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
5		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
Acq On : 16 Apr 2016 7:29
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2-5-10

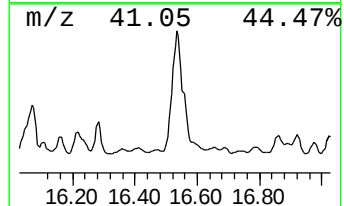
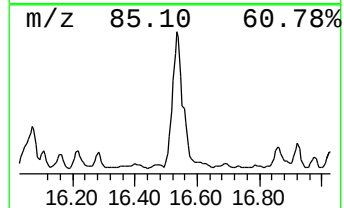
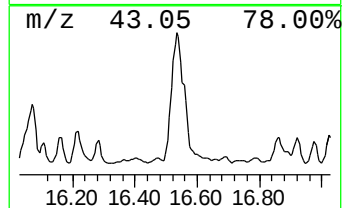
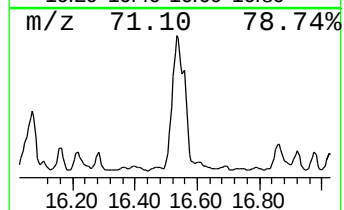
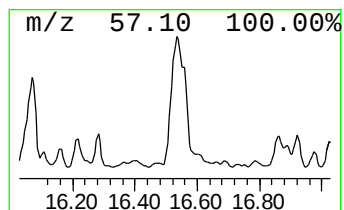
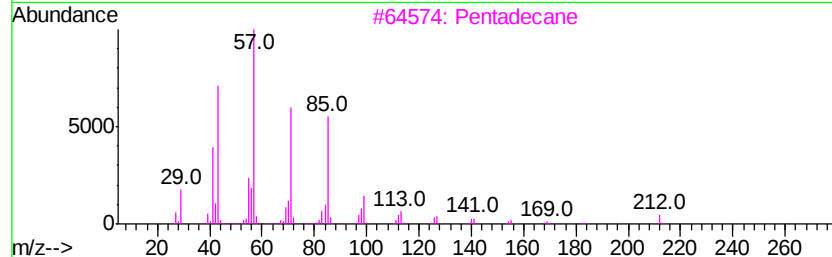
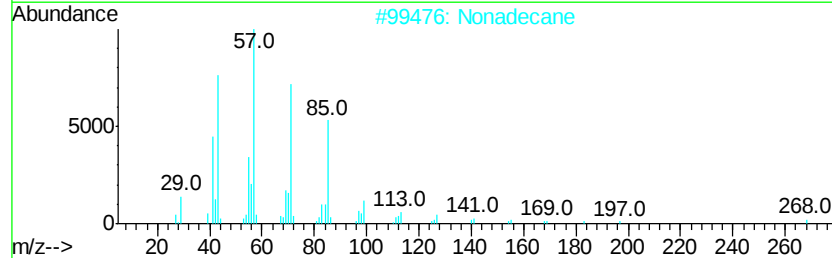
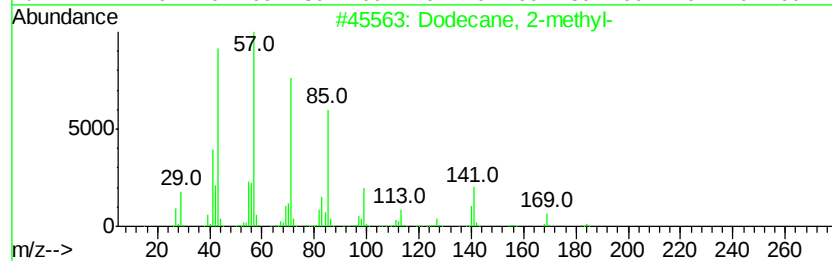
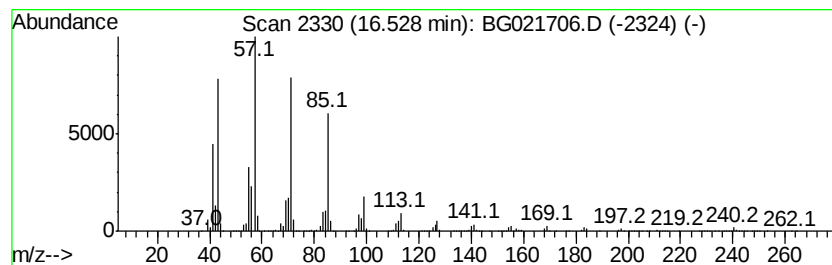
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	199.76 ng	22104900	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		10-Methylnonadecane	282	C20H42	056862-62-5	90
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
Acq On : 16 Apr 2016 7:29
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Misc :
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ClientSampleId :
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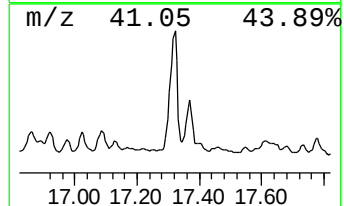
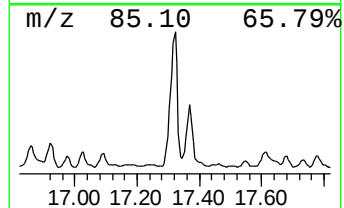
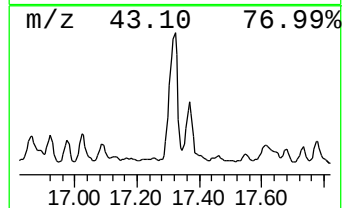
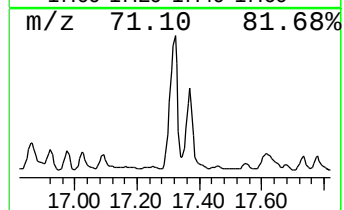
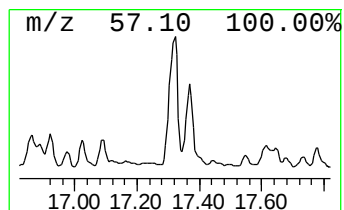
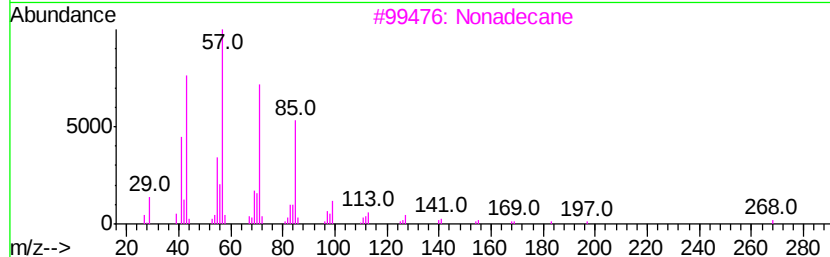
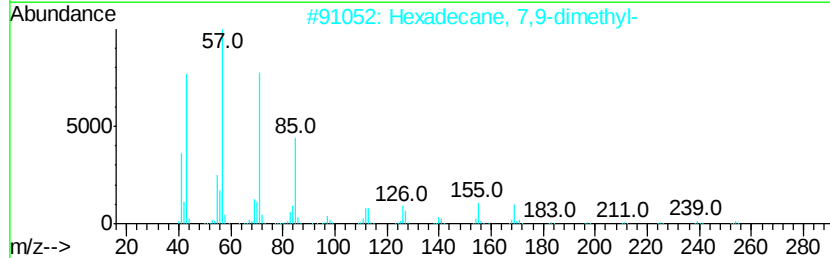
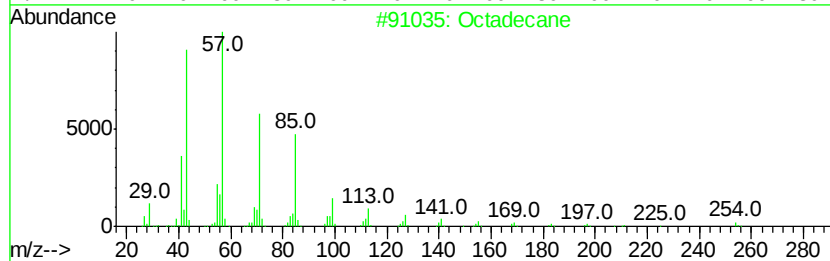
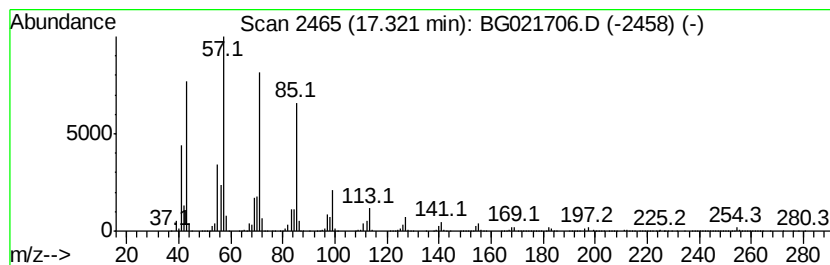
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	117.26 ng	12975500	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
Acq On : 16 Apr 2016 7:29
Operator : UM/SJ
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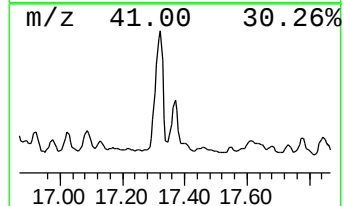
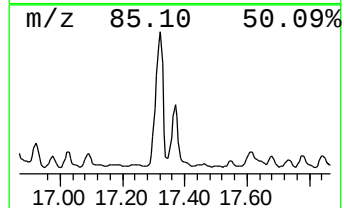
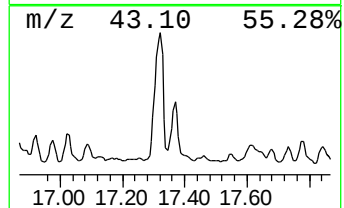
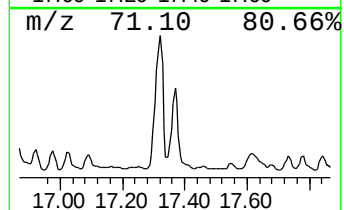
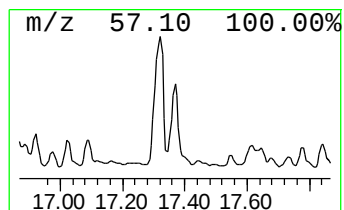
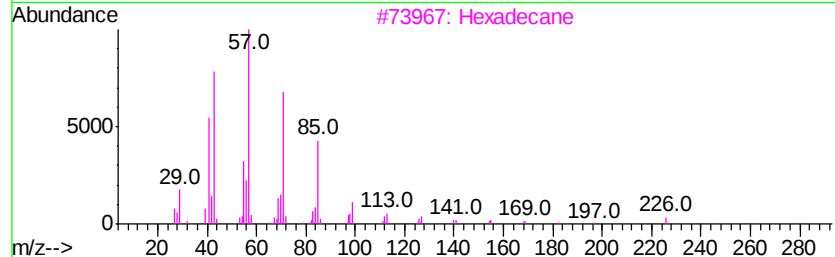
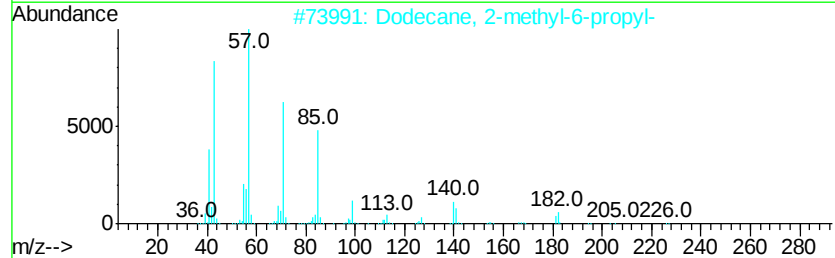
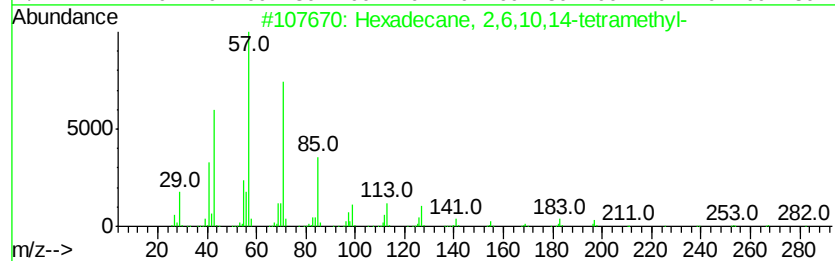
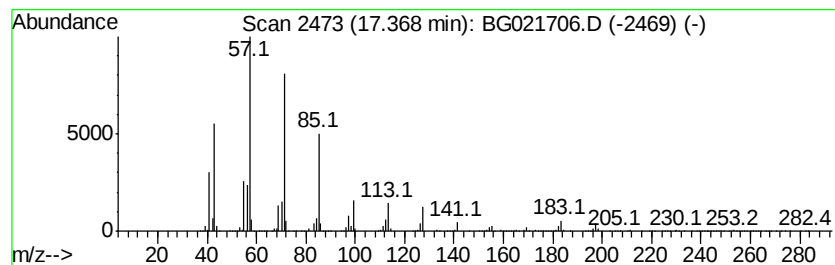
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	44.16 ng	4887130	Phenanthrene-d10	17.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3			Hexadecane	226	C16H34	000544-76-3	86
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
Acq On : 16 Apr 2016 7:29
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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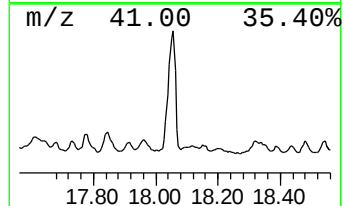
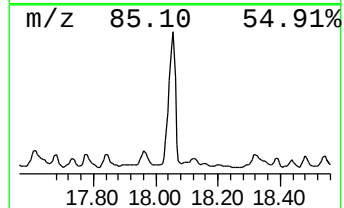
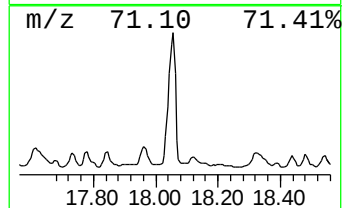
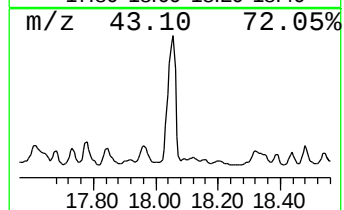
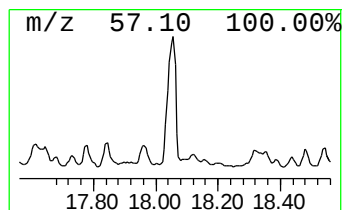
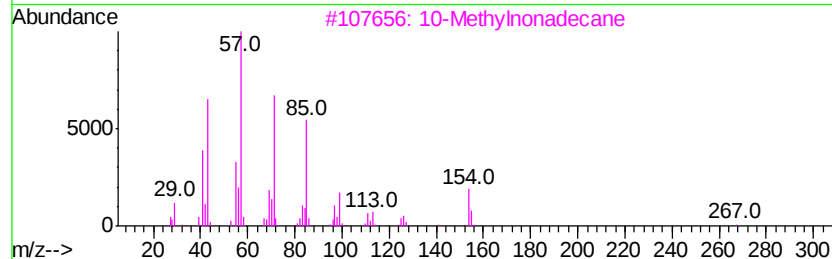
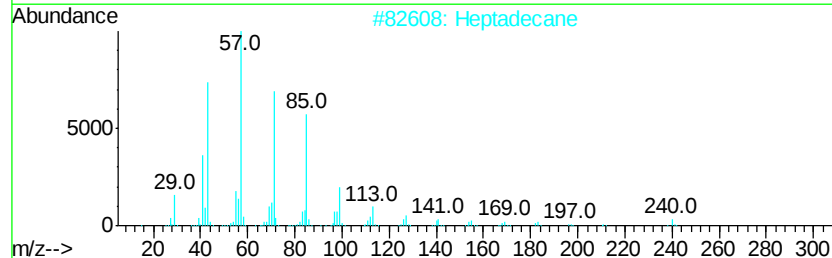
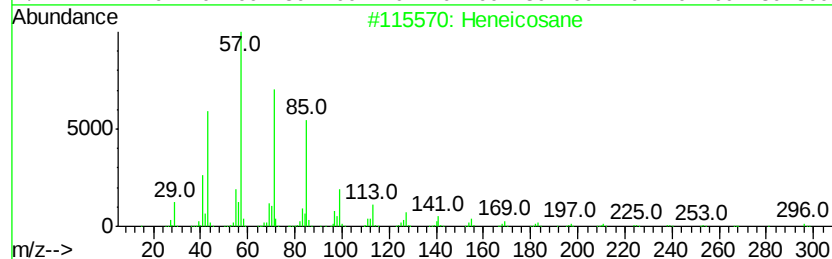
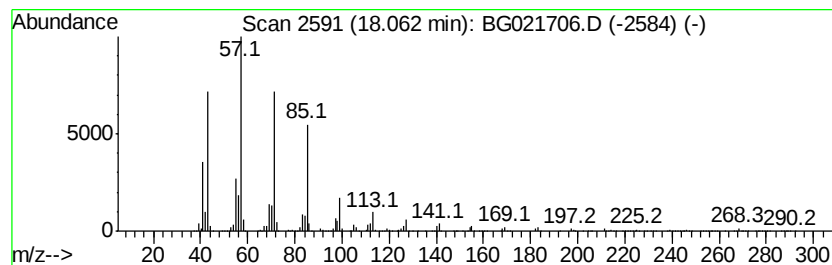
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	103.85 ng	11492200	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		10-Methylnonadecane	282	C20H42	056862-62-5	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
Acq On : 16 Apr 2016 7:29
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ALS Vial : 14 Sample Multiplier: 1

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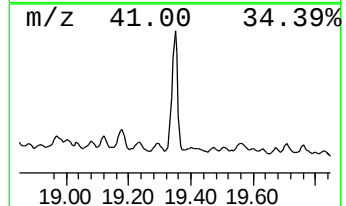
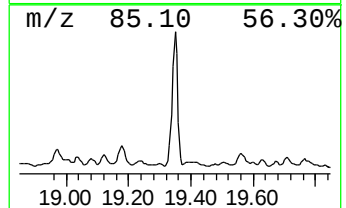
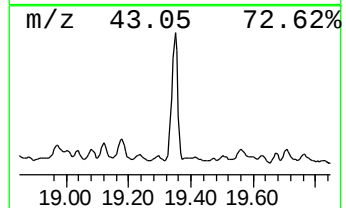
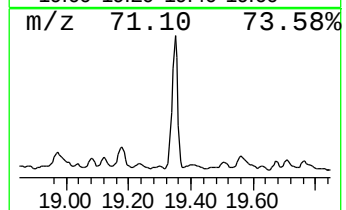
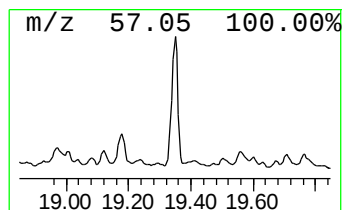
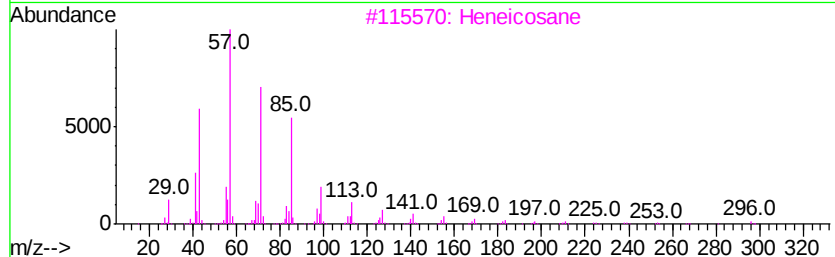
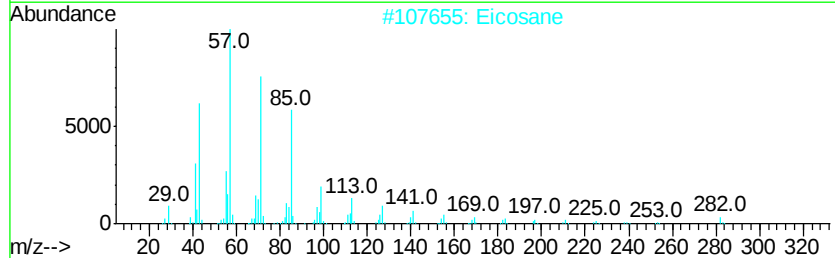
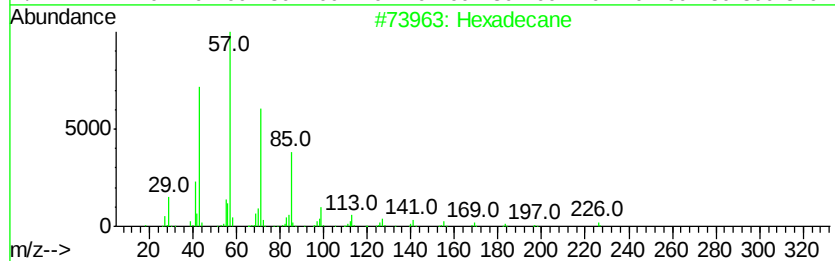
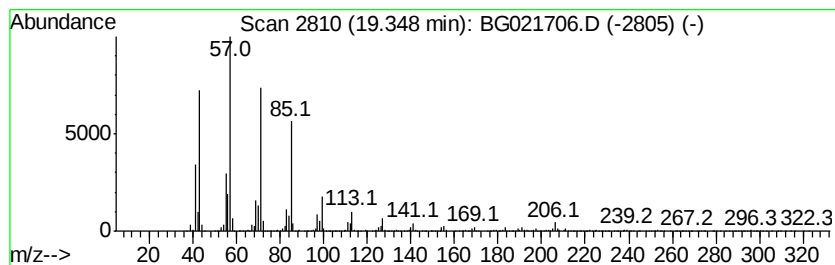
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	70.55 ng	7807420	Phenanthrene-d10	17.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Eicosane	282	C20H42	000112-95-8	91
3		Heneicosane	296	C21H44	000629-94-7	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 : BG021706.D
Acq On : 16 Apr 2016 7:29
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ALS Vial : 14 Sample Multiplier: 1

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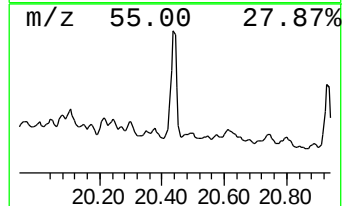
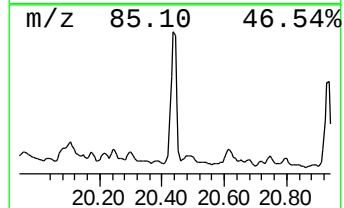
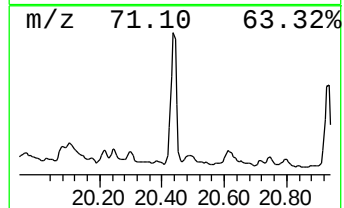
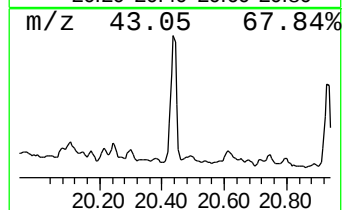
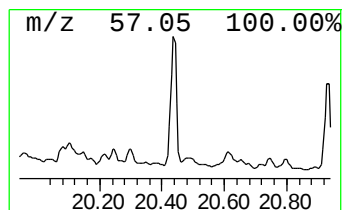
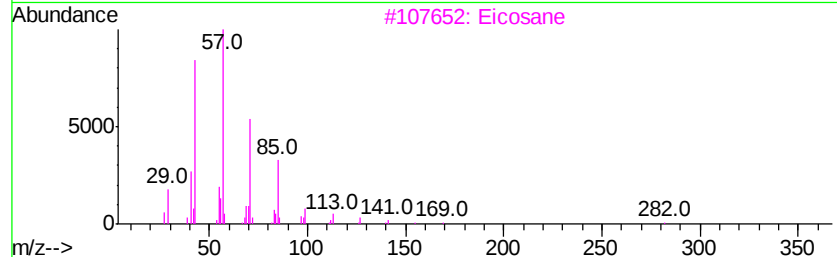
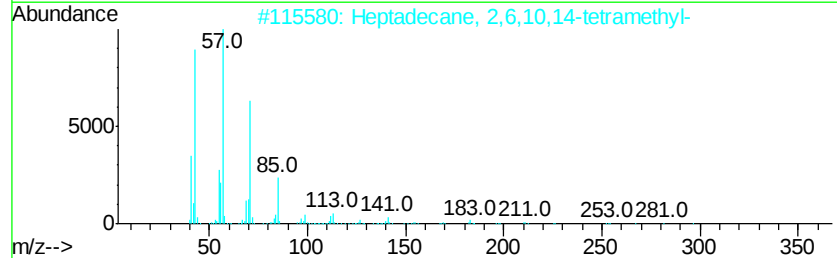
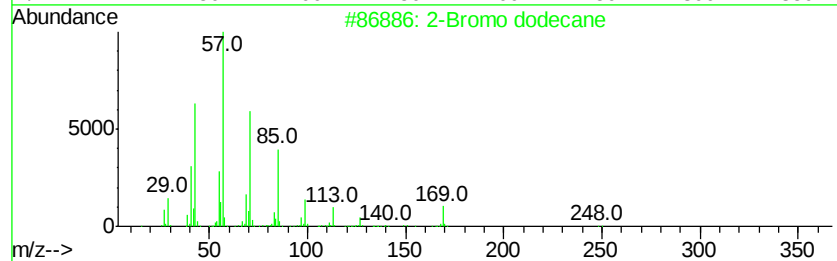
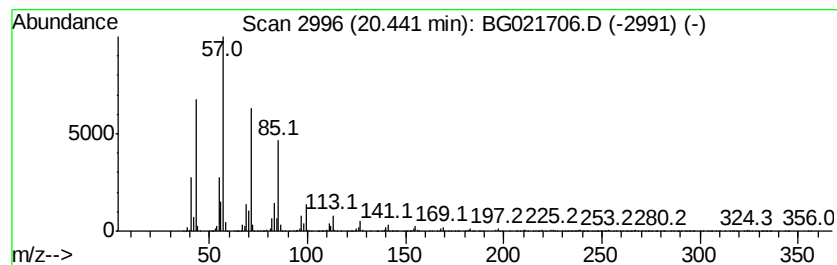
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	65.27 ng	3832170	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	92
3		Eicosane	282	C20H42	000112-95-8	91
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021706.D
Acq On : 16 Apr 2016 7:29
Operator : UM/SJ
Sample : H2558-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2-5-10

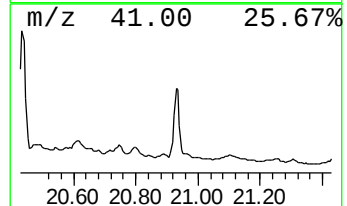
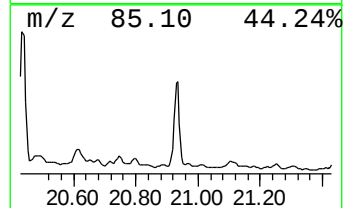
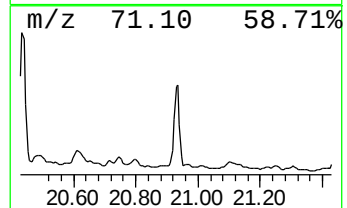
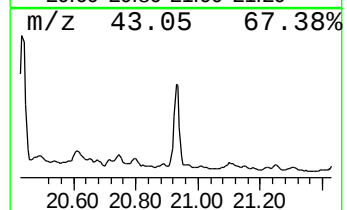
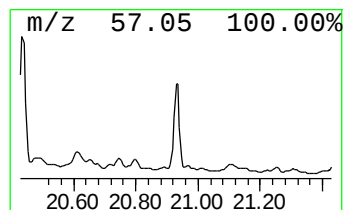
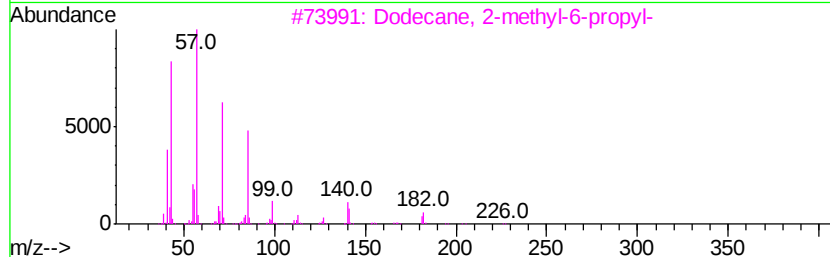
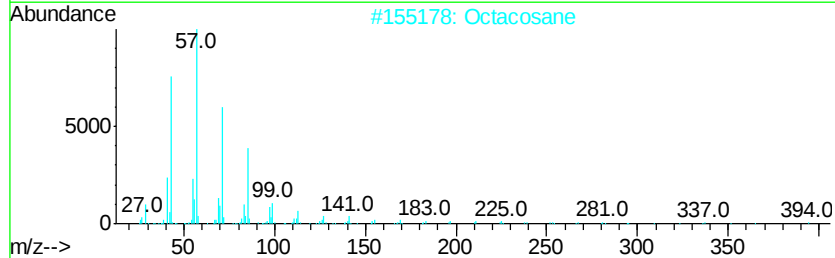
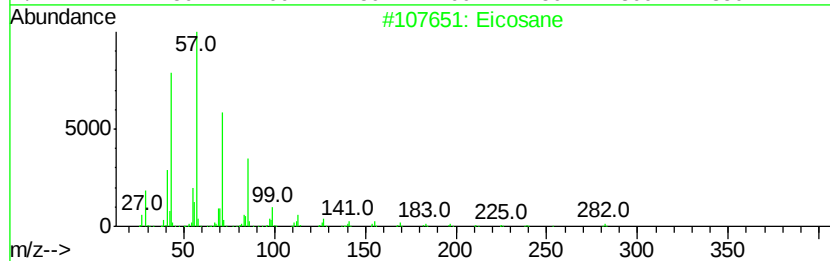
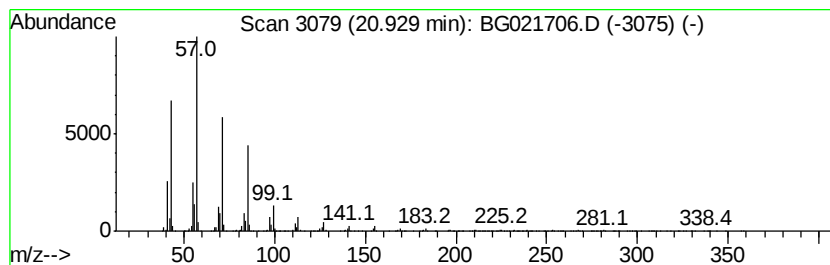
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	38.99 ng	2288910	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octacosane	394	C28H58	000630-02-4	91
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021706.D
 Acq On : 16 Apr 2016 7:29
 Operator : UM/SJ
 Sample : H2558-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2-5-10

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	43.5	ng	3651480	1	8.21	1678580	20.0
Decane	7.83	54.7	ng	4588210	1	8.21	1678580	20.0
Benzene, 1,2-diet...	8.86	48.3	ng	4057520	1	8.21	1678580	20.0
Benzene, 1-ethyl-...	9.33	48.1	ng	4037190	1	8.21	1678580	20.0
Undecane	9.45	132.9	ng	11153700	1	8.21	1678580	20.0
Benzene, (1,1-dim...	9.58	47.7	ng	4002080	1	8.21	1678580	20.0
Dodecane, 2,7,10-...	13.37	30.2	ng	5211850	3	14.84	3447380	20.0
Tetradecane, 2-me...	14.35	31.4	ng	5415450	3	14.84	3447380	20.0
Pentadecane	14.74	96.3	ng	16592100	3	14.84	3447380	20.0
Tridecane, 7-propyl-	15.34	36.8	ng	6341140	3	14.84	3447380	20.0
Pentadecane, 2,6,...	16.07	45.7	ng	7884170	3	14.84	3447380	20.0
Dodecane, 2-methyl-	16.53	199.8	ng	22104900	4	17.57	2213180	20.0
Octadecane	17.32	117.3	ng	12975500	4	17.57	2213180	20.0
Hexadecane, 2,6,1...	17.37	44.2	ng	4887130	4	17.57	2213180	20.0
Heneicosane	18.06	103.8	ng	11492200	4	17.57	2213180	20.0
Hexadecane	19.35	70.5	ng	7807420	4	17.57	2213180	20.0
2-Bromo dodecane	20.44	65.3	ng	3832170	5	21.83	1174200	20.0
Eicosane	20.93	39.0	ng	2288910	5	21.83	1174200	20.0