

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093893.D
 Acq On : 23 Mar 2017 22:15
 Operator : SJ/MA
 Sample : I2369-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW2000

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_F\METHODS\8270-BF032217.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	2.040	23	26	50	rVB	312077	549860	5.59%	0.253%
2	4.110	375	378	380	rVV	226127	228721	2.33%	0.105%
3	4.316	408	413	416	rBV2	132076	181230	1.84%	0.083%
4	4.393	422	426	428	rBV	133720	138058	1.40%	0.064%
5	4.499	440	444	449	rVB2	1732423	1727895	17.57%	0.795%
6	4.663	469	472	478	rBV3	159194	254054	2.58%	0.117%
7	4.710	478	480	483	rVV	214116	173675	1.77%	0.080%
8	4.804	493	496	498	rBV	647952	590166	6.00%	0.272%
9	4.928	509	517	520	rVB4	312251	551769	5.61%	0.254%
10	4.975	520	525	528	rBV3	234314	365909	3.72%	0.168%
11	5.063	532	540	544	rVB3	411376	754992	7.68%	0.348%
12	5.110	544	548	551	rBV	305913	364572	3.71%	0.168%
13	5.163	553	557	564	rBV2	1207434	1574183	16.01%	0.725%
14	5.222	564	567	570	rBV	552358	507212	5.16%	0.233%
15	5.251	570	572	576	rBV2	142286	188352	1.92%	0.087%
16	5.310	580	582	586	rVB2	178293	180791	1.84%	0.083%
17	5.369	586	592	595	rBV	762651	1056294	10.74%	0.486%
18	5.410	595	599	601	rBV2	387957	458355	4.66%	0.211%
19	5.434	601	603	606	rVB	905567	721185	7.33%	0.332%
20	5.469	606	609	612	rBV	1545558	1712675	17.42%	0.788%
21	5.534	616	620	623	rBV2	1212813	1433722	14.58%	0.660%
22	5.563	623	625	629	rVB2	1131068	1082936	11.01%	0.498%
23	5.598	629	631	633	rVB	286410	203874	2.07%	0.094%
24	5.628	633	636	639	rBV2	653239	762636	7.76%	0.351%
25	5.657	639	641	644	rVB	269995	239148	2.43%	0.110%
26	5.722	644	652	655	rBV2	3035029	4714014	47.94%	2.170%
27	5.816	661	668	674	rVB	4693263	6239427	63.45%	2.872%
28	5.869	674	677	678	rBV	127946	142191	1.45%	0.065%
29	5.934	682	688	690	rBV4	437371	824767	8.39%	0.380%
30	5.981	690	696	699	rBV3	1455965	1973207	20.07%	0.908%
31	6.022	699	703	706	rVB2	3026764	3374670	34.32%	1.553%
32	6.057	706	709	714	rBV3	1256713	1994566	20.28%	0.918%
33	6.104	714	717	720	rBV5	397786	532610	5.42%	0.245%
34	6.134	720	722	724	rBV	625930	682905	6.94%	0.314%

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35	6.163	724	727	732	rVB2	3488172	4097415	41.67%	1.886%
36	6.204	732	734	737	rVB	791461	863634	8.78%	0.398%
37	6.240	737	740	742	rBV2	398676	515145	5.24%	0.237%
38	6.275	742	746	748	rBV3	758139	994006	10.11%	0.458%
39	6.310	748	752	753	rBV2	1443557	1573603	16.00%	0.724%
40	6.363	757	761	763	rVB	2178016	2343721	23.83%	1.079%
41	6.398	763	767	771	rBV	2207154	2556891	26.00%	1.177%
42	6.451	771	776	779	rBV2	2818643	4132616	42.03%	1.902%
43	6.481	779	781	784	rVB2	468399	495429	5.04%	0.228%
44	6.534	788	790	792	rBV2	405230	385289	3.92%	0.177%
45	6.563	792	795	797	rVB2	652814	608018	6.18%	0.280%
46	6.616	799	804	808	rBV3	2592311	5244693	53.34%	2.414%
47	6.675	811	814	815	rBV2	483006	419761	4.27%	0.193%
48	6.722	815	822	824	rBV	5432190	8851872	90.02%	4.075%
49	6.757	825	828	832	rVB2	1856193	2484859	25.27%	1.144%
50	6.798	832	835	836	rBV3	587448	598944	6.09%	0.276%
51	6.840	838	842	845	rVB4	1917687	2521029	25.64%	1.160%
52	6.898	846	852	854	rBV4	1076897	1591731	16.19%	0.733%
53	6.934	854	858	864	rVB2	3697963	5830546	59.29%	2.684%
54	6.992	864	868	870	rBV2	890529	1209413	12.30%	0.557%
55	7.069	873	881	885	rBV5	3003033	6661505	67.74%	3.066%
56	7.104	885	887	889	rVB2	1160892	962300	9.79%	0.443%
57	7.157	889	896	898	rBV2	2067190	3746076	38.10%	1.724%
58	7.192	898	902	905	rVB3	3010077	4447603	45.23%	2.047%
59	7.240	905	910	915	rVB2	3721317	5041412	51.27%	2.321%
60	7.292	915	919	926	rVB5	3020196	6037838	61.40%	2.779%
61	7.357	926	930	932	rBV2	899570	1194167	12.14%	0.550%
62	7.398	933	937	941	rVB2	1317065	1585681	16.13%	0.730%
63	7.469	943	949	950	rBV4	1753510	2826447	28.74%	1.301%
64	7.563	963	965	970	rVB3	1383718	1782459	18.13%	0.820%
65	7.628	971	976	979	rBV	3773629	4998706	50.83%	2.301%
66	7.745	991	996	999	rBV3	2209599	3835576	39.01%	1.766%
67	7.781	999	1002	1005	rVV3	1232669	1296179	13.18%	0.597%
68	7.887	1015	1020	1022	rVB4	2008052	2746491	27.93%	1.264%
69	7.916	1022	1025	1027	rVV2	1490191	1910904	19.43%	0.880%
70	7.969	1030	1034	1039	rVV4	2071020	3722729	37.86%	1.714%
71	8.010	1039	1041	1045	rVB4	2741274	3236690	32.92%	1.490%

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72	8.075	1045	1052	1057	rBV3	4499950	9599368	97.62%	4.419%
73	8.134	1058	1062	1066	rVB3	2498104	3700129	37.63%	1.703%
74	8.234	1076	1079	1081	rBV	961744	971689	9.88%	0.447%
75	8.298	1081	1090	1092	rBV2	3822262	9833423	100.00%	4.526%
76	8.434	1110	1113	1117	rBV5	1171109	2190450	22.28%	1.008%
77	8.534	1126	1130	1133	rBV3	1883929	2578297	26.22%	1.187%
78	8.604	1139	1142	1144	rBV3	1193849	1572440	15.99%	0.724%
79	8.628	1144	1146	1148	rVV2	1027740	1064942	10.83%	0.490%
80	8.734	1160	1164	1166	rBV3	1906796	2112539	21.48%	0.972%
81	8.781	1170	1172	1174	rBV2	1097362	1239200	12.60%	0.570%
82	9.157	1233	1236	1239	rBV4	1418987	1931419	19.64%	0.889%
83	9.281	1255	1257	1261	rBV4	1118976	1525920	15.52%	0.702%
84	9.651	1315	1320	1324	rBV2	2069780	3642069	37.04%	1.676%
85	10.033	1382	1385	1388	rVB3	2066476	2511264	25.54%	1.156%
86	10.857	1519	1525	1526	rBV	2162226	3988909	40.56%	1.836%
87	11.404	1613	1618	1620	rBV	2455972	3816994	38.82%	1.757%
88	11.439	1620	1624	1629	rVB	2338446	3003722	30.55%	1.383%
89	11.927	1703	1707	1710	rVB	2536029	3423496	34.81%	1.576%
90	12.427	1787	1792	1795	rVB	2922998	3954461	40.21%	1.820%
91	12.763	1847	1849	1851	rBV	712828	677181	6.89%	0.312%
92	12.898	1868	1872	1875	rVB	3097247	3620300	36.82%	1.666%
93	13.351	1945	1949	1952	rVB2	2786487	3131050	31.84%	1.441%
94	13.451	1962	1966	1970	rVB	1740540	1962500	19.96%	0.903%
95	13.786	2019	2023	2026	rVB2	1932182	1886488	19.18%	0.868%
96	14.204	2091	2094	2098	rVB	1078485	1082048	11.00%	0.498%
97	14.610	2160	2163	2173	rVB	491021	584970	5.95%	0.269%
98	14.710	2177	2180	2184	rVB	685264	704037	7.16%	0.324%
99	14.998	2226	2229	2238	rVB	244842	317370	3.23%	0.146%
100	16.345	2454	2458	2463	rVB	659867	790940	8.04%	0.364%

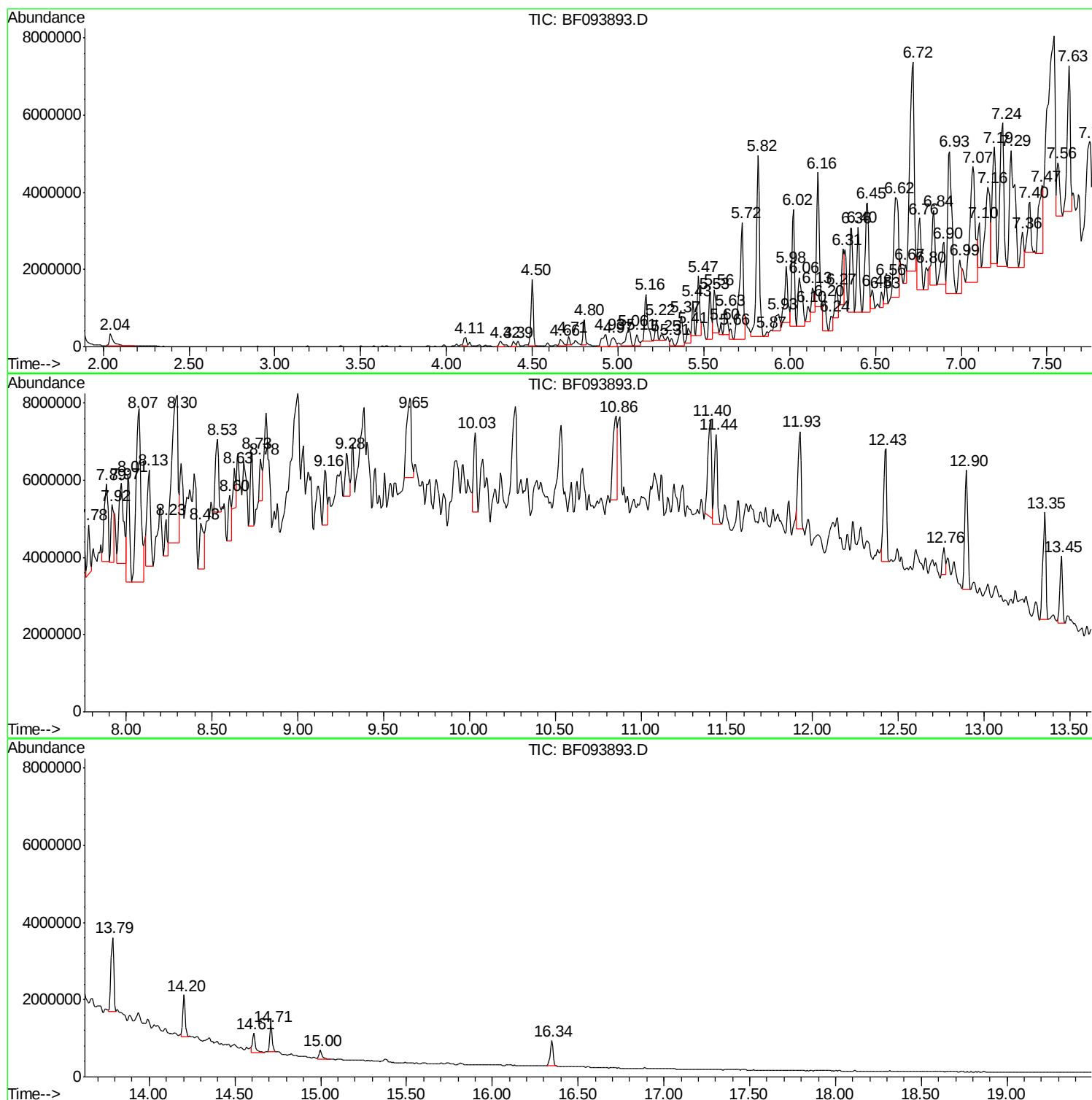
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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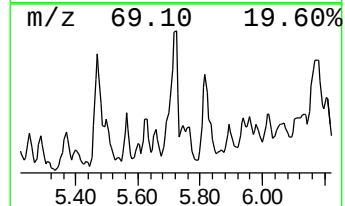
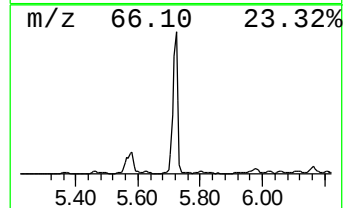
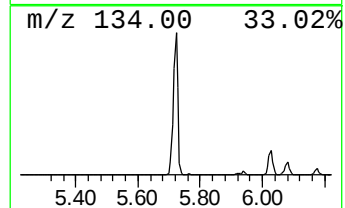
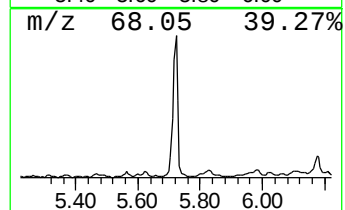
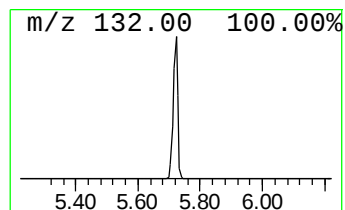
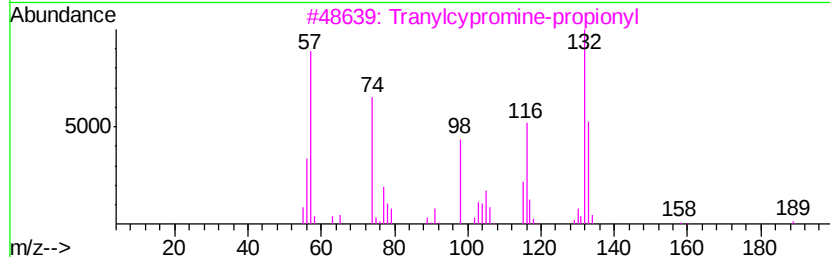
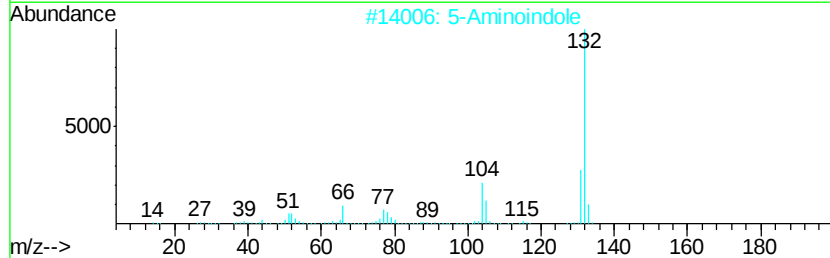
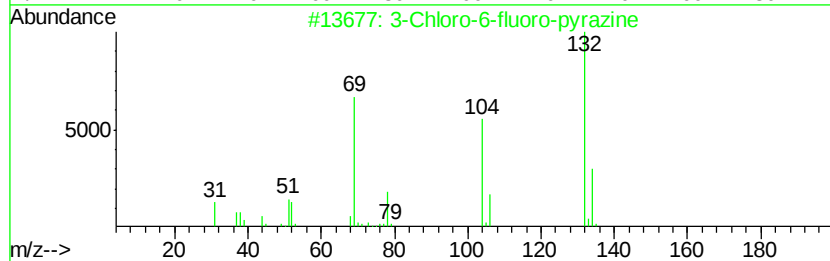
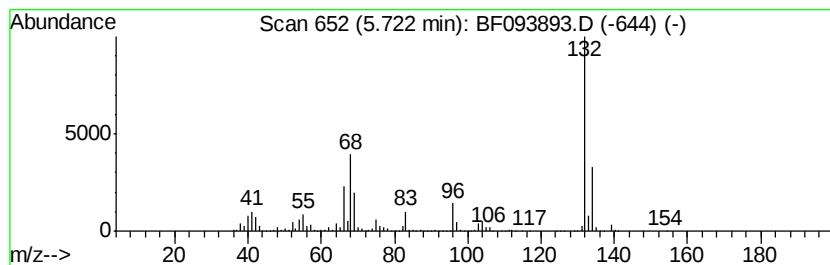
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.72 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	47.78 ng	4714010	1,4-Dichlorobenzene-d4	5.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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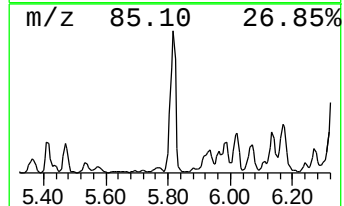
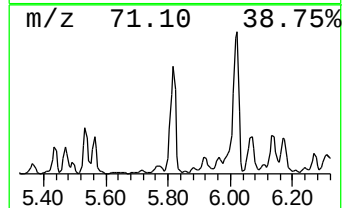
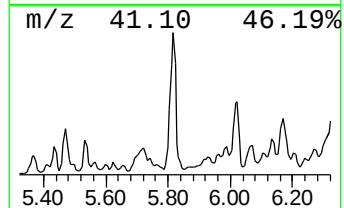
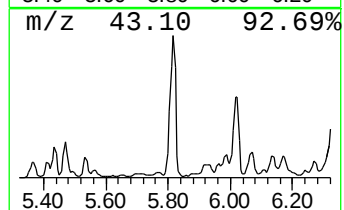
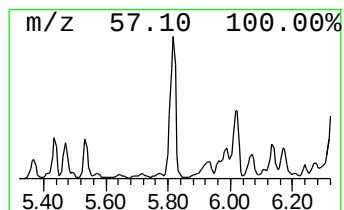
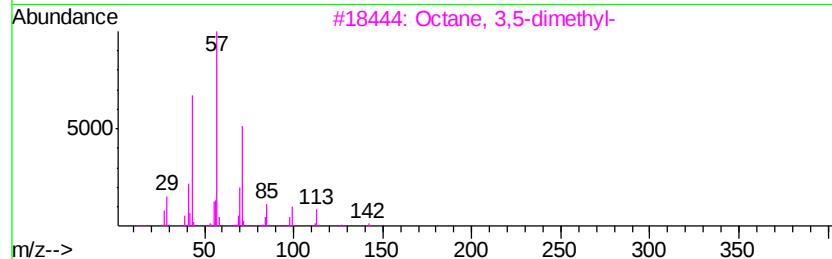
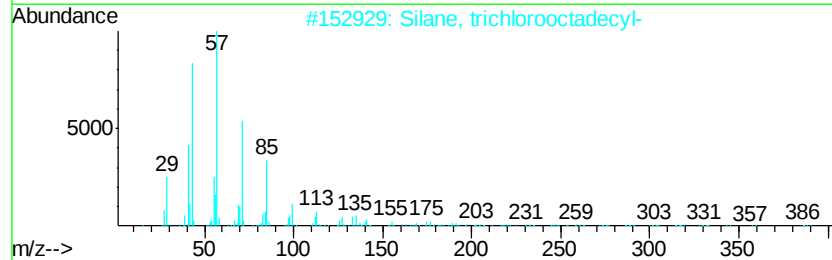
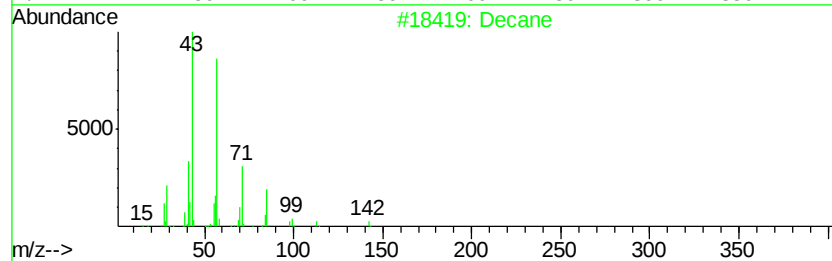
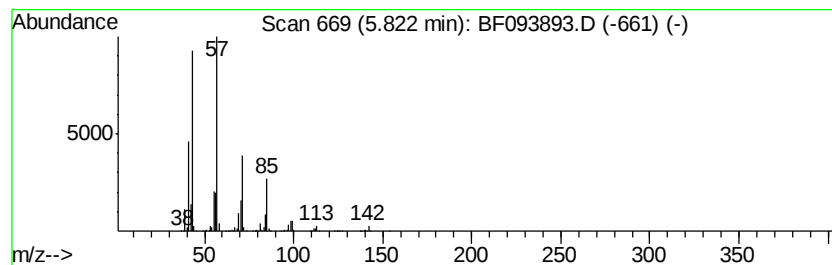
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	63.24 ng	6239430	1,4-Dichlorobenzene-d4	5.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	87
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	80
4		Undecane	156	C11H24	001120-21-4	78
5		Nonane	128	C9H20	000111-84-2	72



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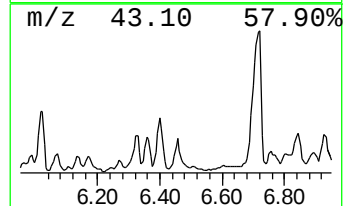
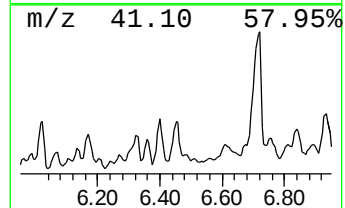
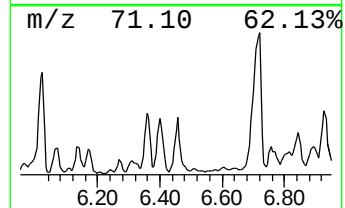
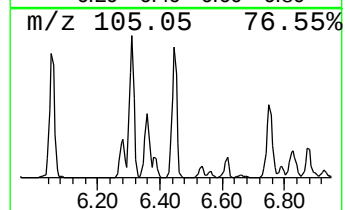
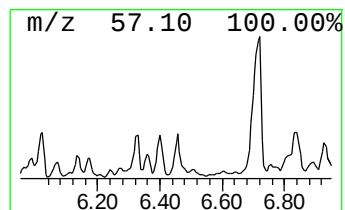
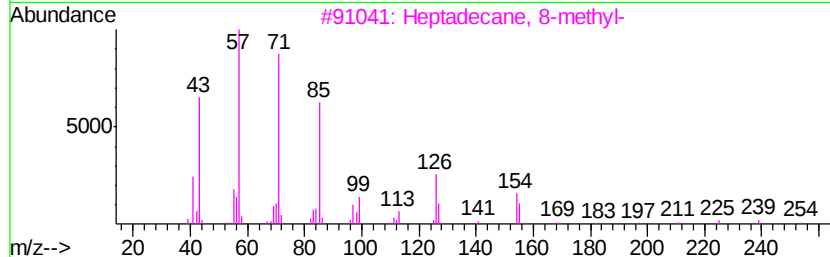
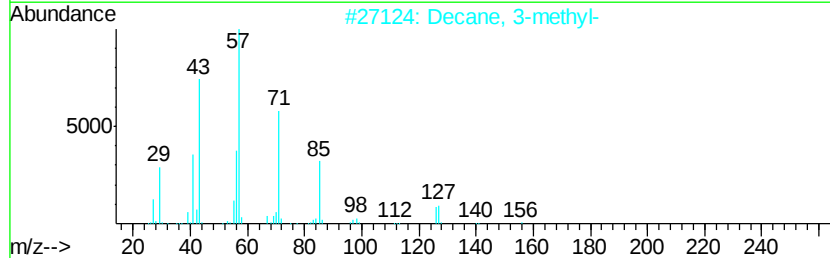
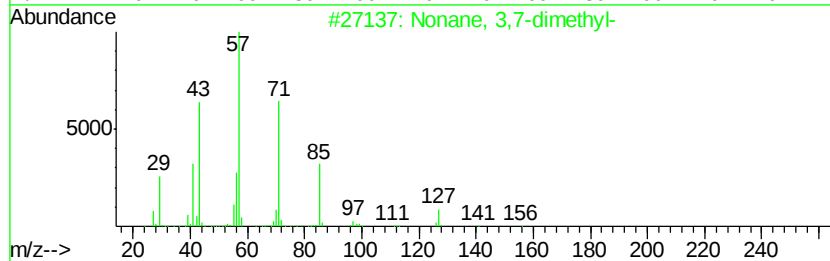
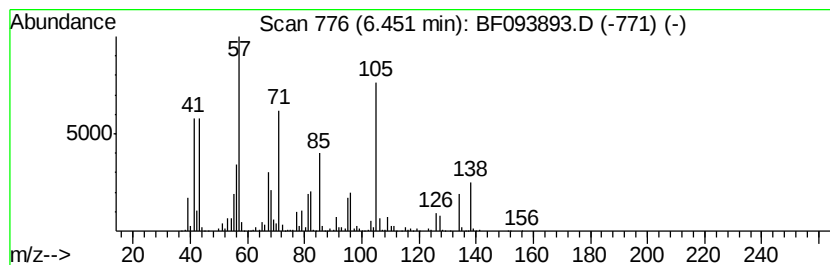
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Peak Number 4 unknown6.45 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	41.89 ng	4132620	1,4-Dichlorobenzene-d4	5.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
2		Decane, 3-methyl-	156	C11H24	013151-34-3	35
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	27
4		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	27
5		(E)-2-Decenyl acetate	198	C12H22O2	002497-23-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
Sample : I2369-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

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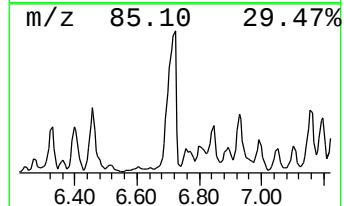
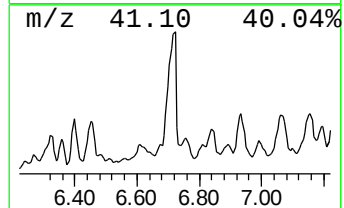
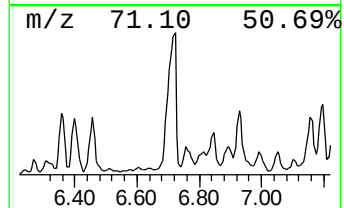
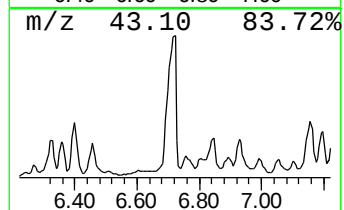
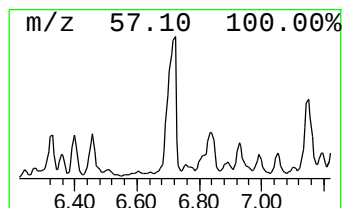
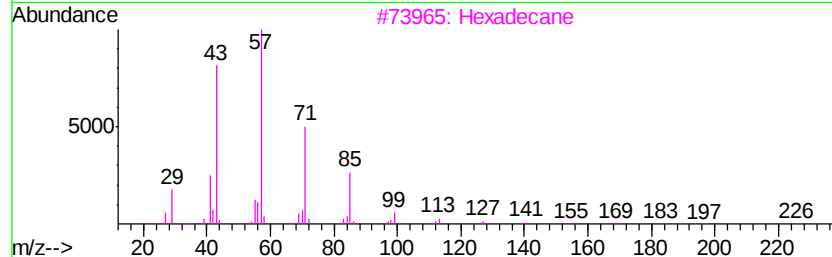
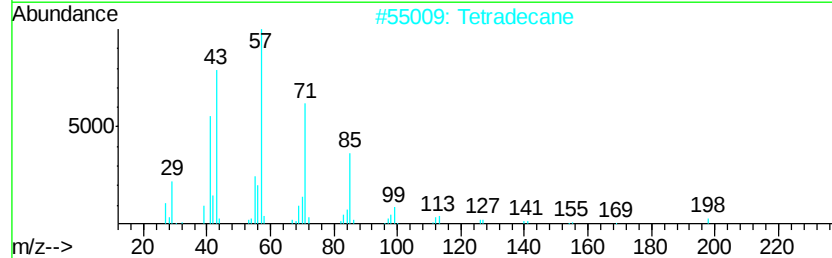
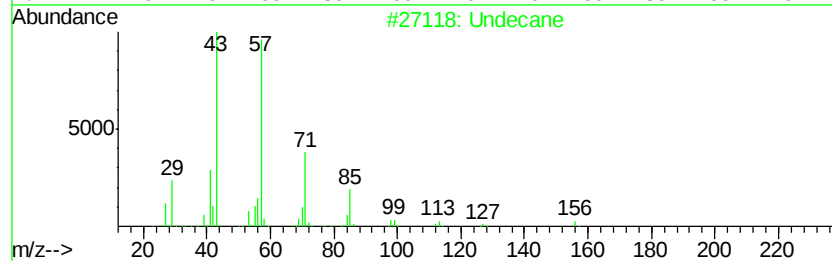
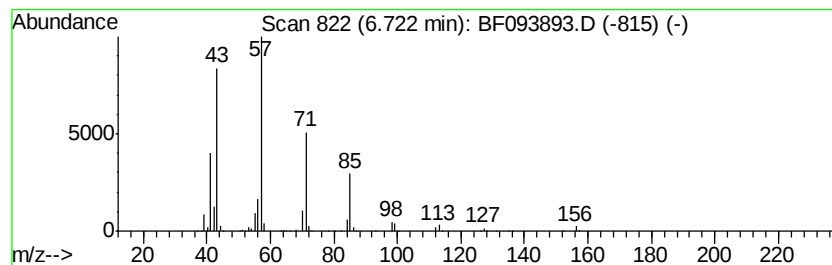
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	89.72 ng	8851870	1,4-Dichlorobenzene-d4	5.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
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Sample : I2369-11
Misc :
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ClientSampleId :
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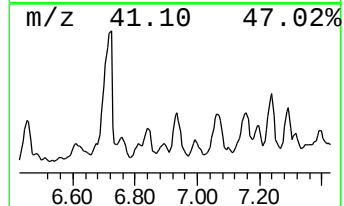
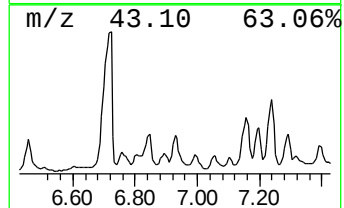
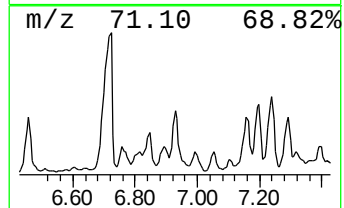
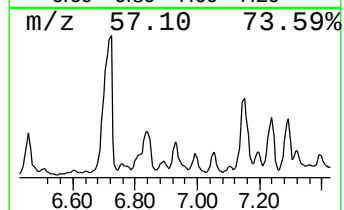
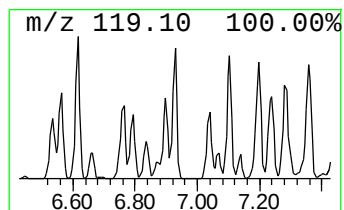
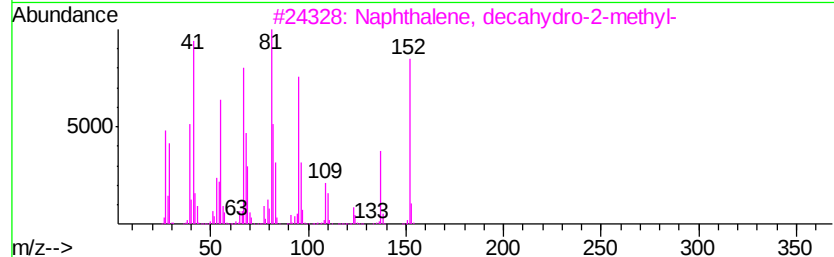
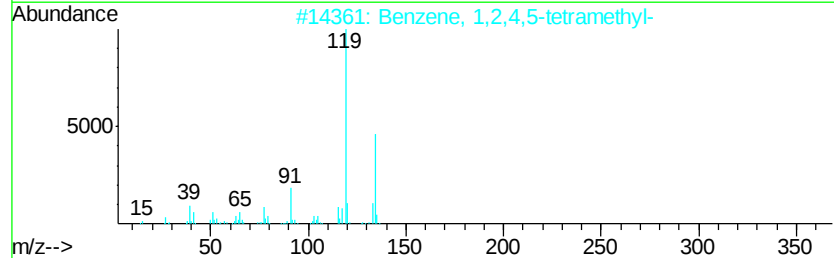
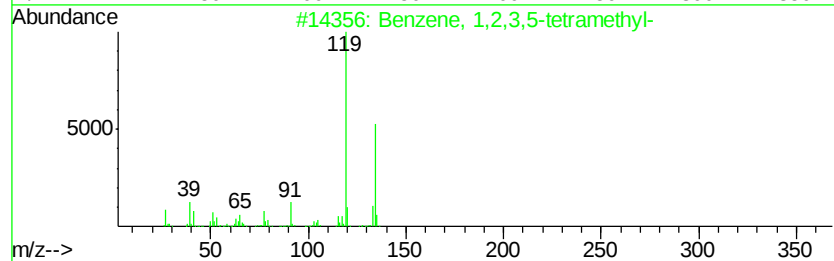
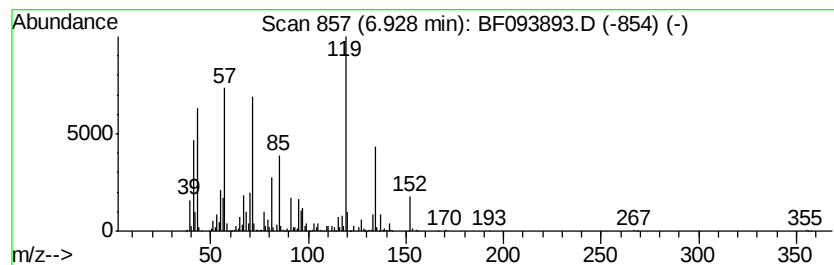
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	41.26 ng	5830550	Naphthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	53
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	44
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	25
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
Sample : I2369-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

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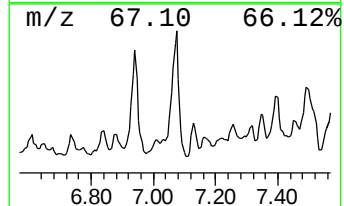
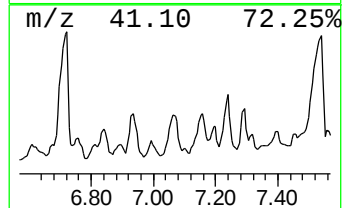
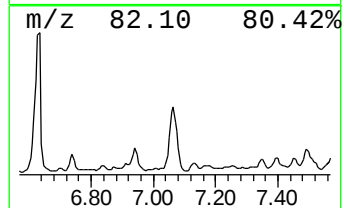
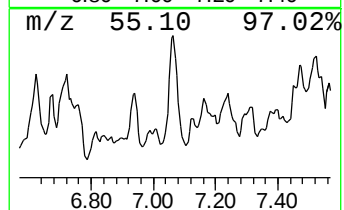
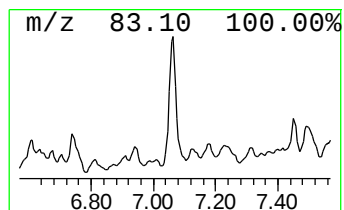
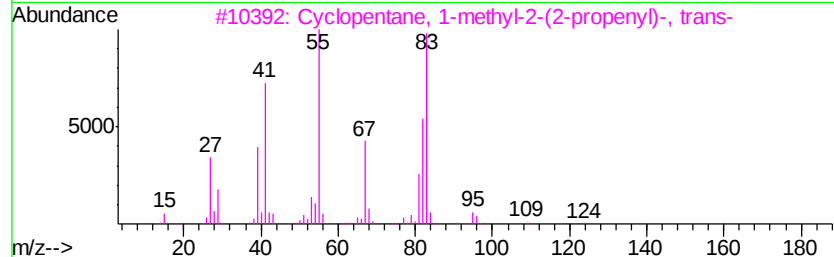
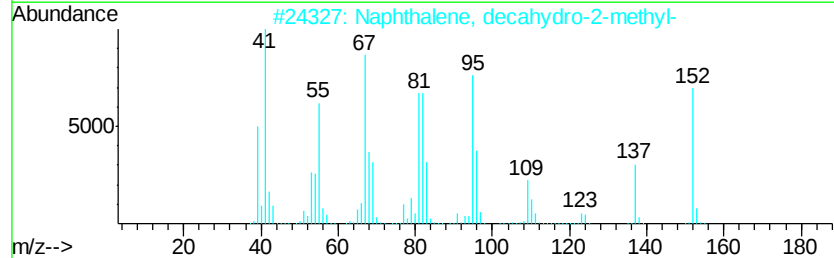
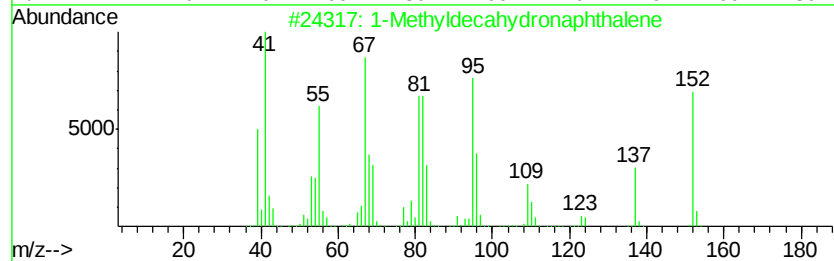
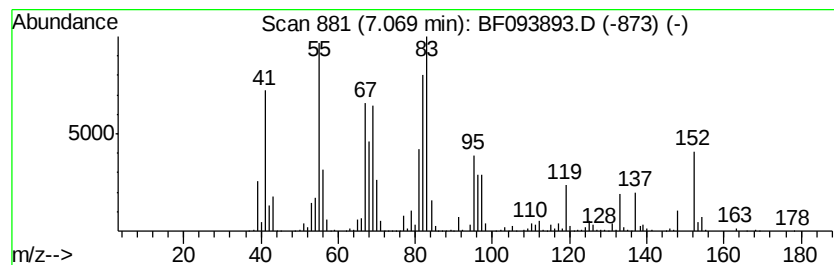
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	47.14 ng	6661510	Naphthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	42
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
3		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	35
4		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	30
5		1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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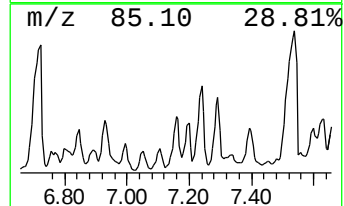
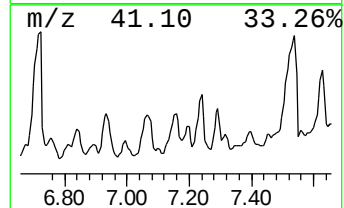
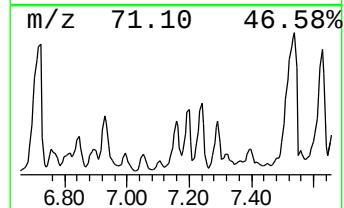
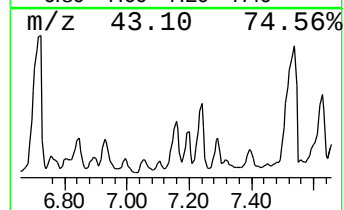
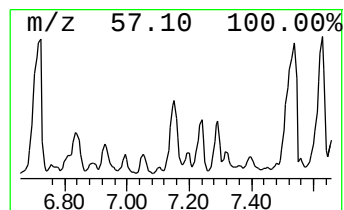
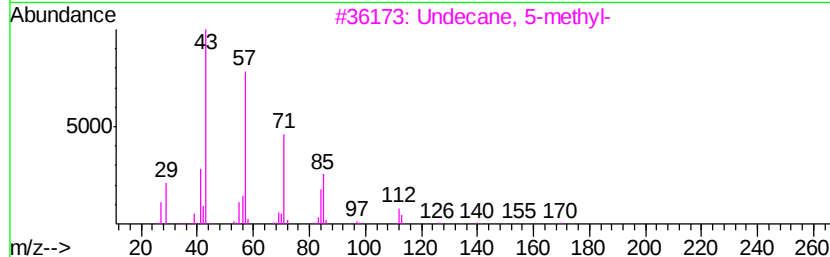
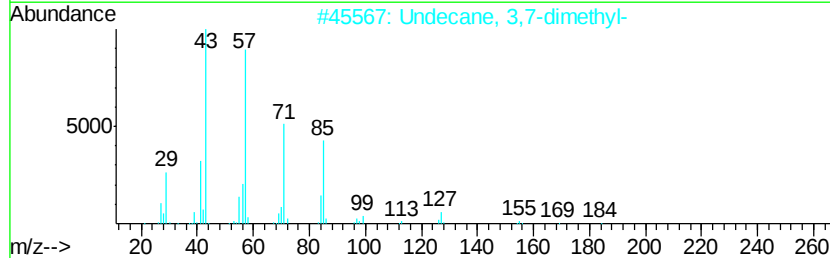
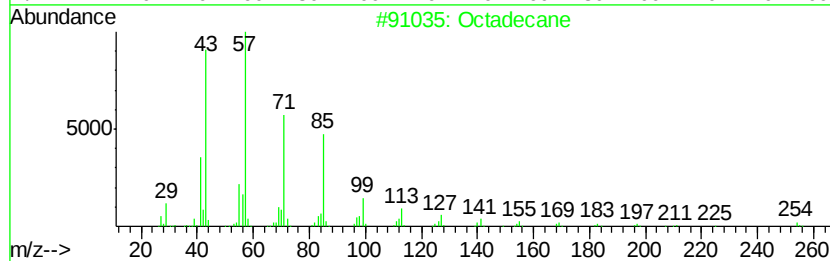
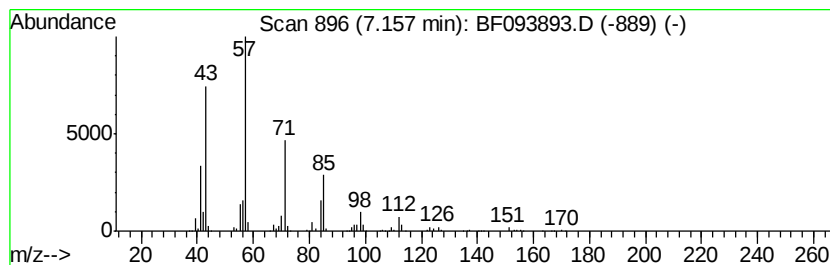
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	26.51 ng	3746080	Napthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	72
2		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	72
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	62
4		Dodecane, 5-methyl-	184	C13H28	017453-93-9	59
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
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Misc :
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Instrument :
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ClientSampleId :
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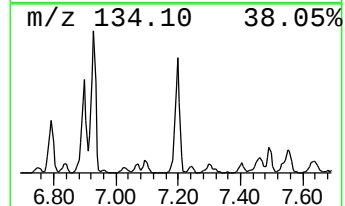
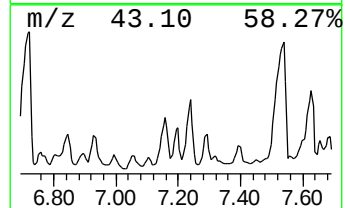
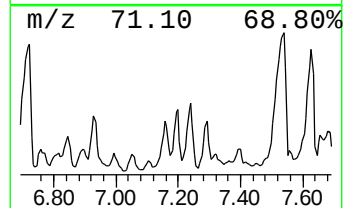
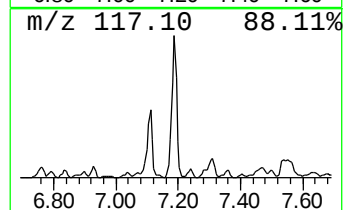
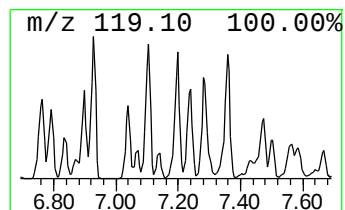
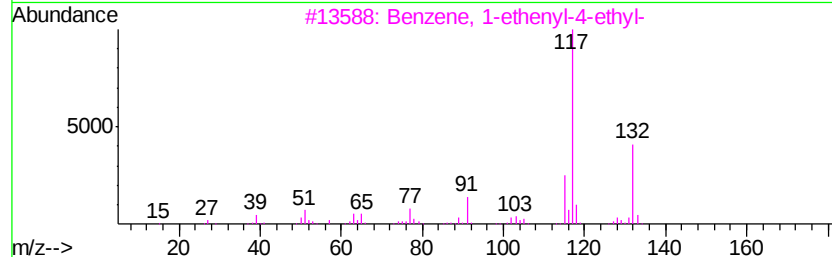
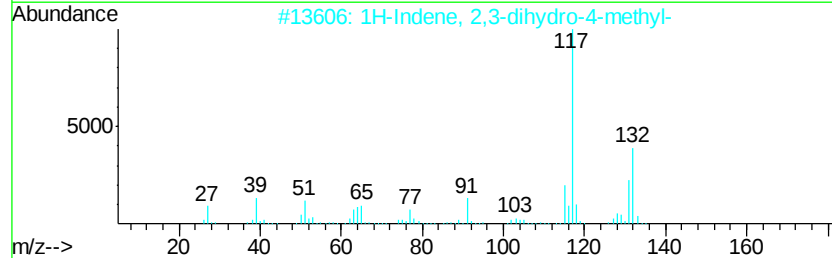
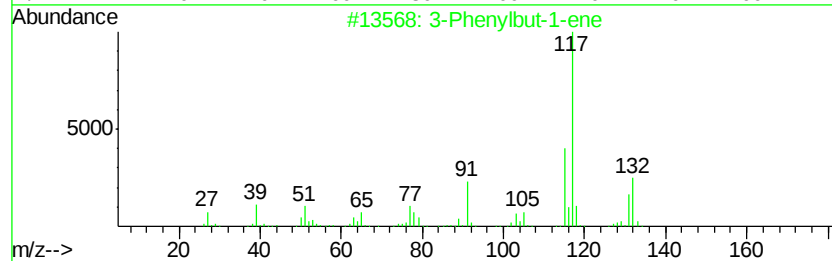
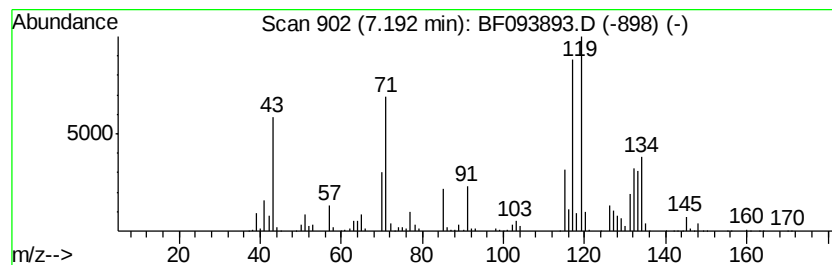
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown7.19 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	31.47 ng	4447600	Napthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	38
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	38
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	35
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	35
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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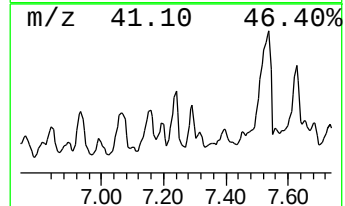
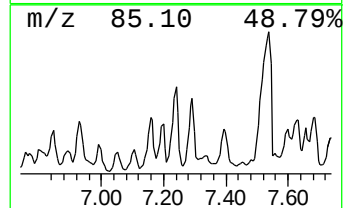
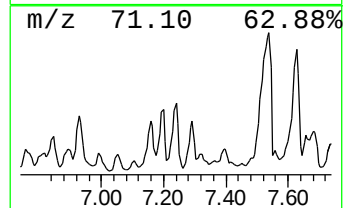
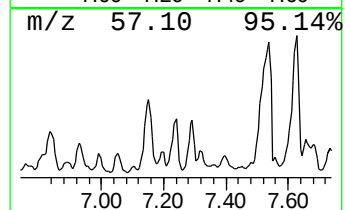
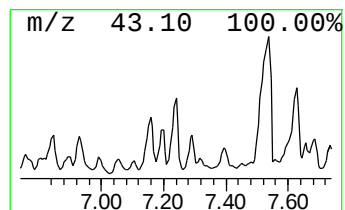
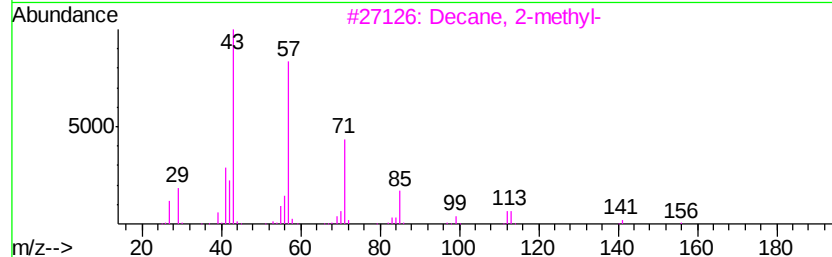
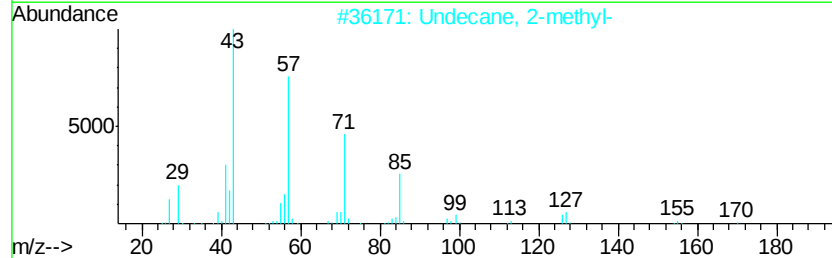
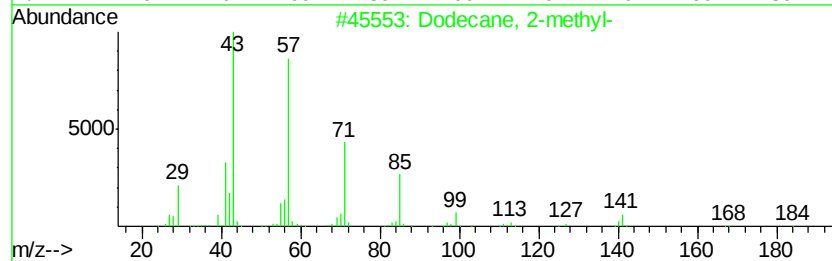
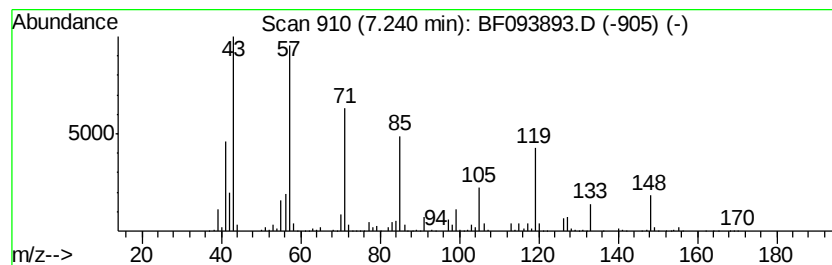
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	35.67 ng	5041410	Napthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	50
3		Decane, 2-methyl-	156	C11H24	006975-98-0	46
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	43
5		Undecane, 4-ethyl-	184	C13H28	017312-59-3	38



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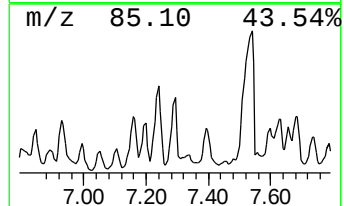
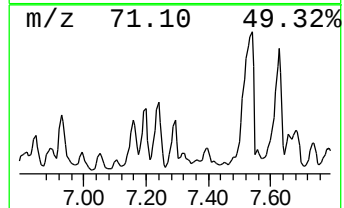
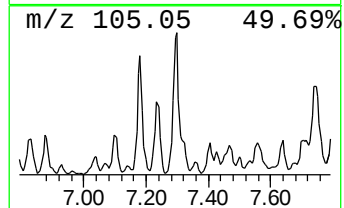
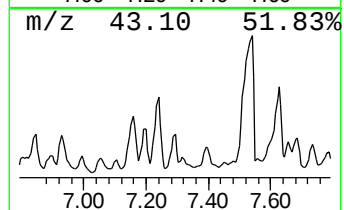
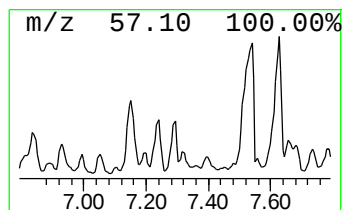
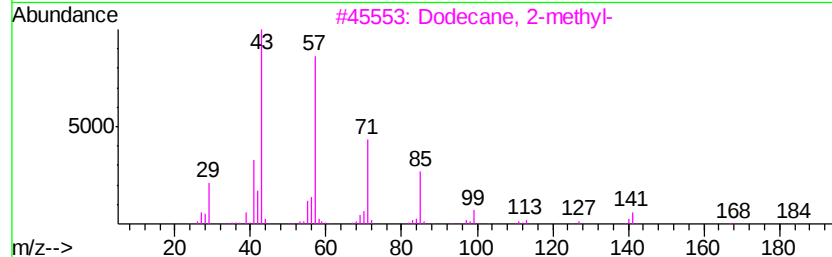
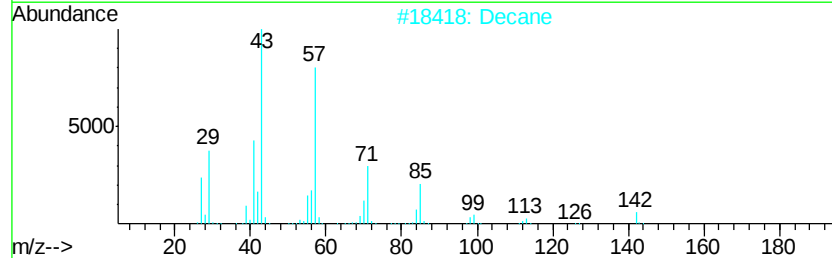
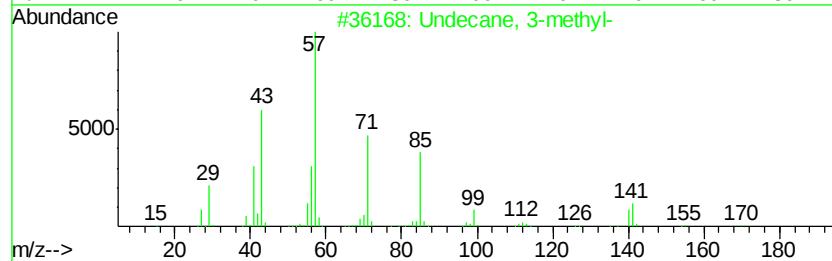
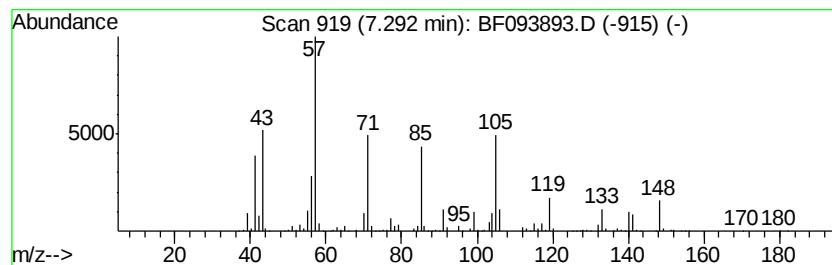
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.29	42.72 ng	6037840	Naphthalene-d8	7.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	70
2	Decane		142	C10H22	000124-18-5	50
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	50
4	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	50
5	Dodecane, 3-methyl-		184	C13H28	017312-57-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
Sample : I2369-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW2000

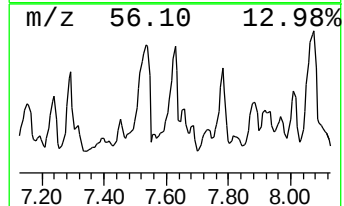
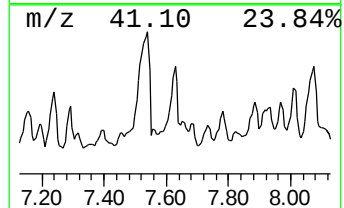
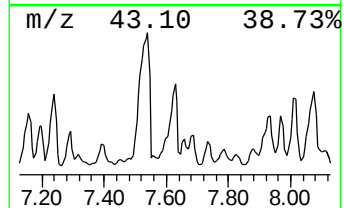
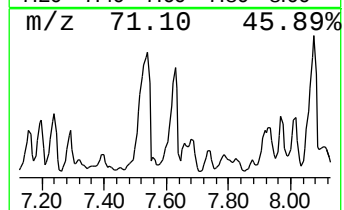
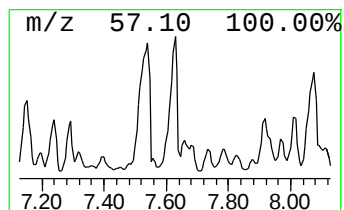
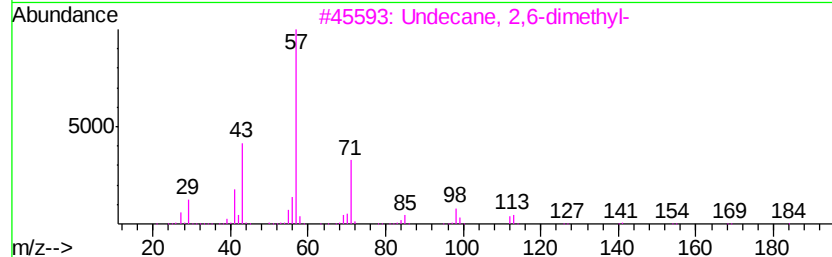
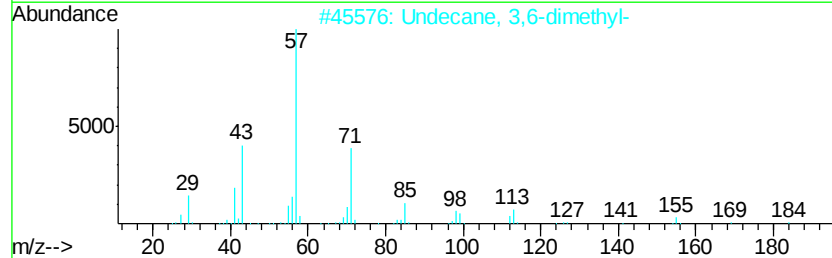
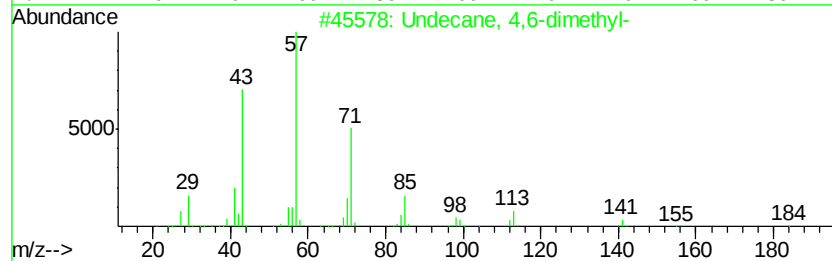
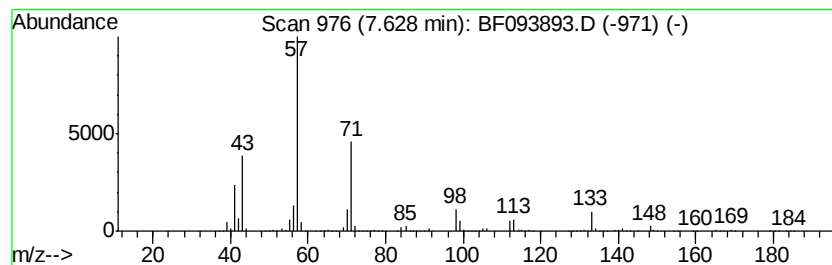
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 4,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	35.37 ng	4998710	Napthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	74
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
Sample : I2369-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

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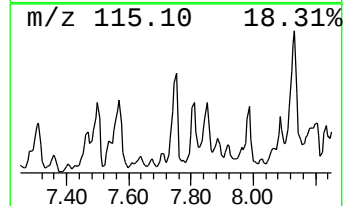
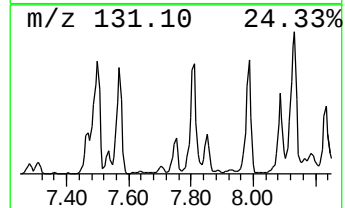
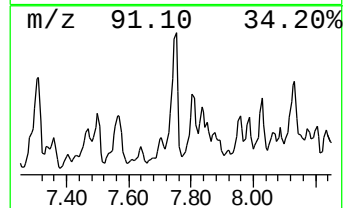
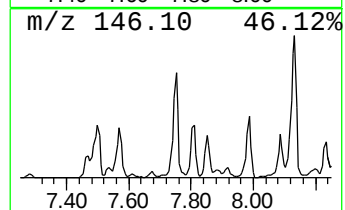
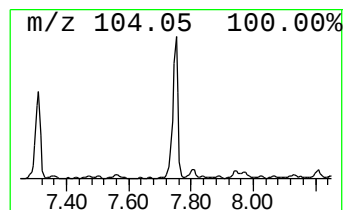
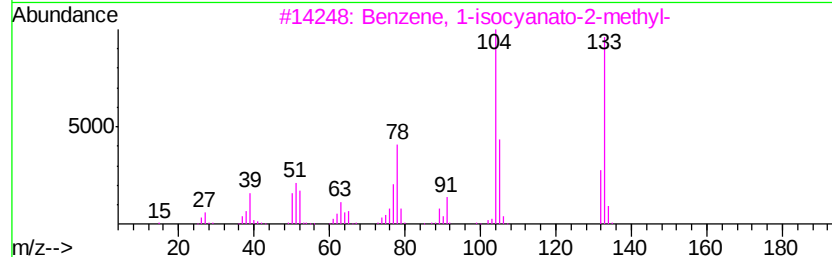
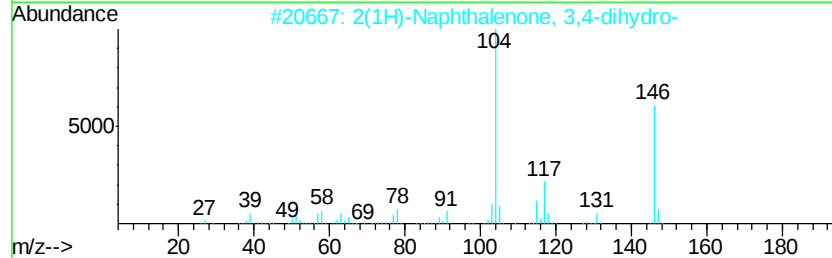
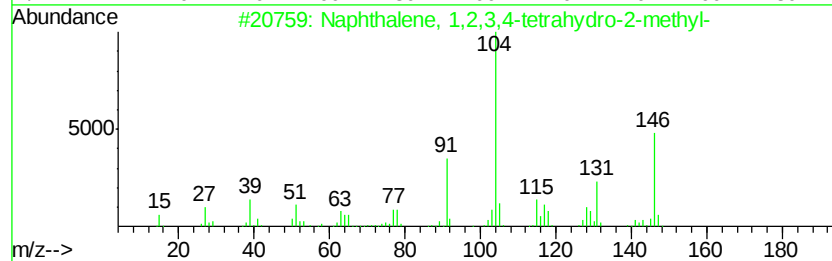
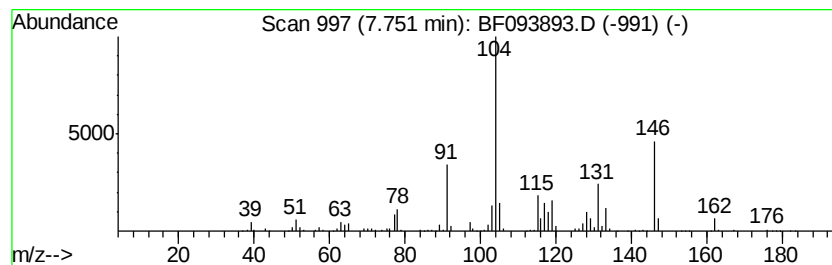
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	27.14 ng	3835580	Naphthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	64
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	43
3		Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	35
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	32
5		4-Ethylbenzoic acid, 2-phenyleth...	254	C17H18O2	1000293-50-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
Sample : I2369-11
Misc :
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Instrument :
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ClientSampled :
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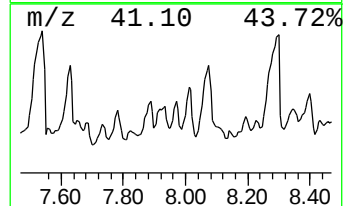
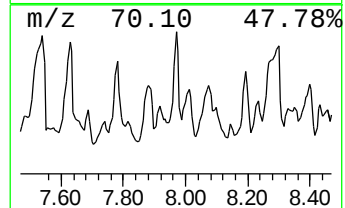
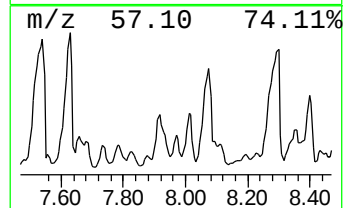
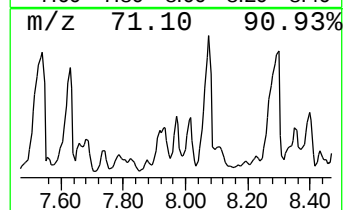
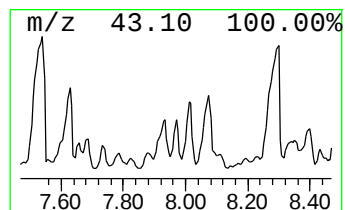
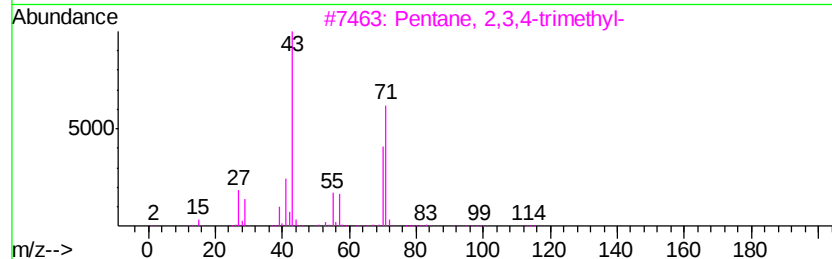
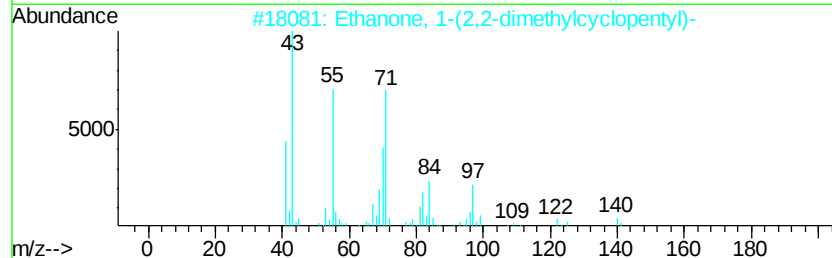
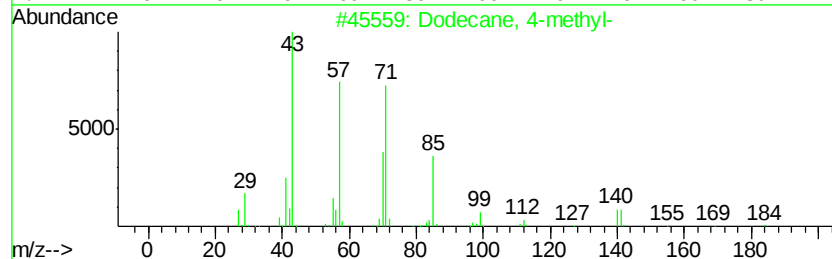
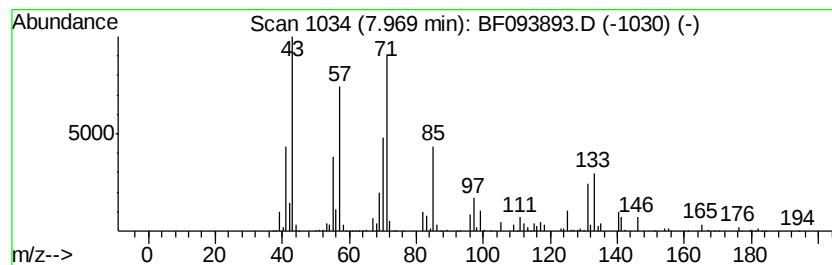
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	26.34 ng	3722730	Napthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
2		Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	46
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	43
4		Nonane, 1-iodo-	254	C9H19I	004282-42-2	43
5		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
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Sample : I2369-11
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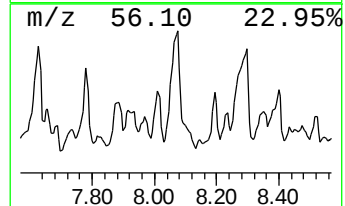
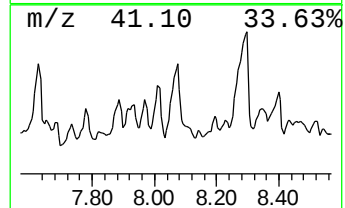
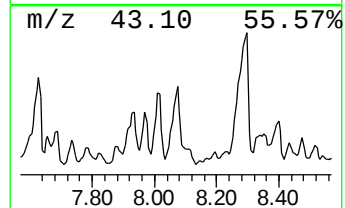
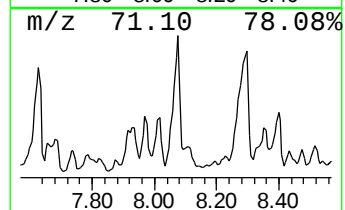
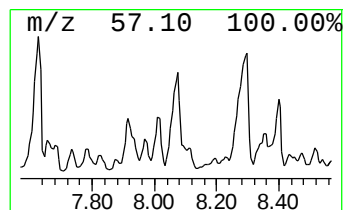
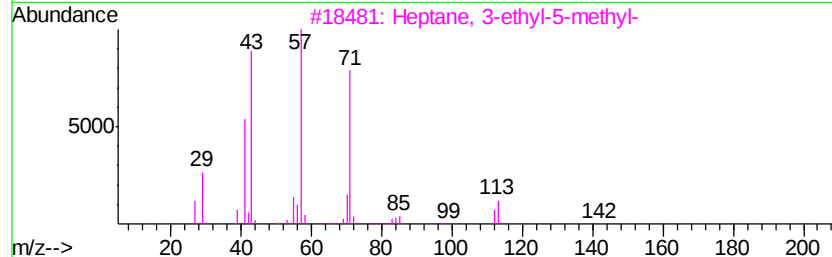
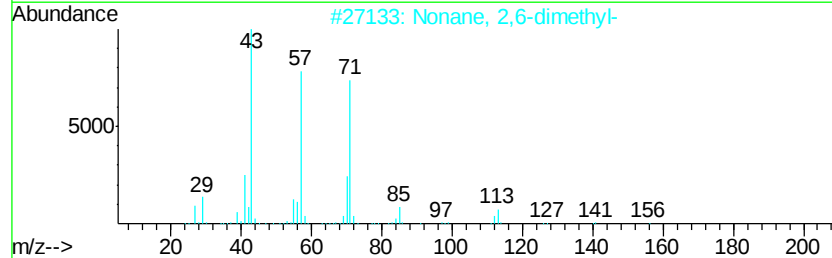
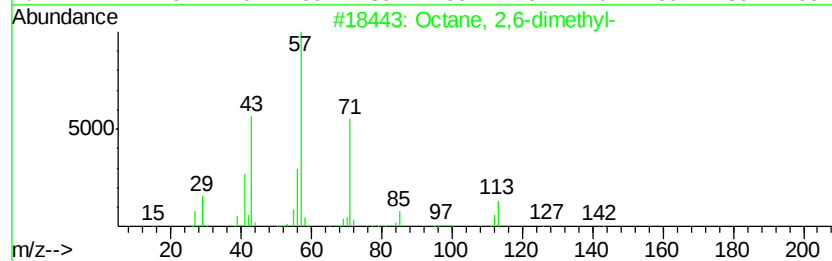
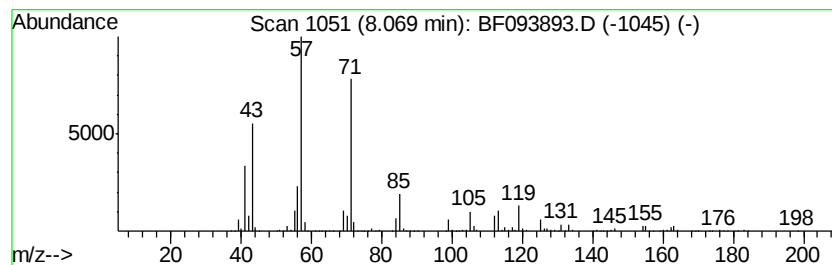
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	67.93 ng	9599370	Napthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
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Sample : I2369-11
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ALS Vial : 17 Sample Multiplier: 1

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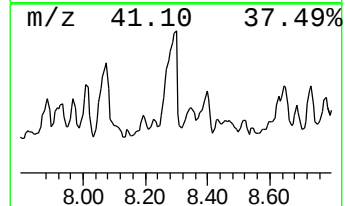
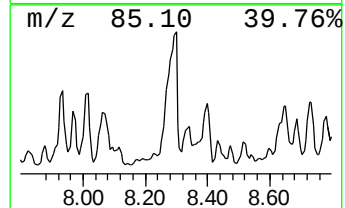
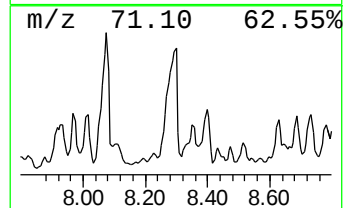
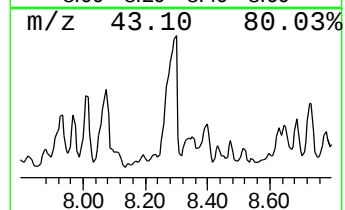
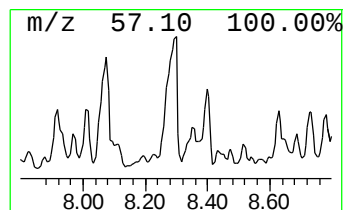
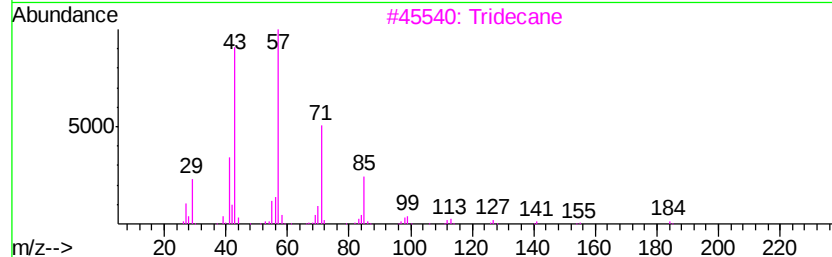
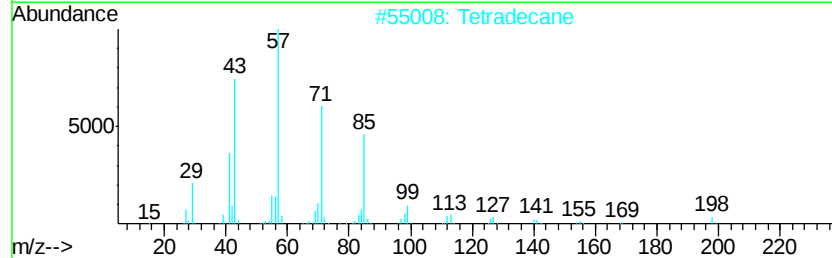
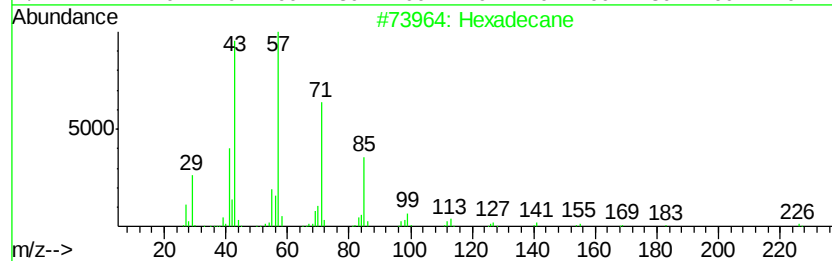
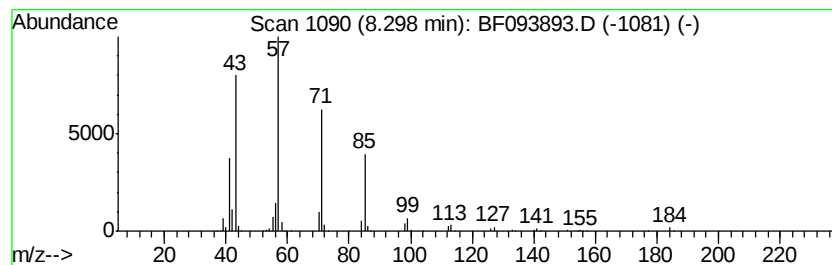
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	69.58 ng	9833420	Naphthalene-d8	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Tetradecane	198	C14H30	000629-59-4	78
3		Tridecane	184	C13H28	000629-50-5	76
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72



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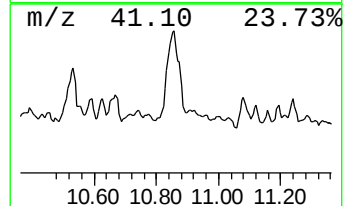
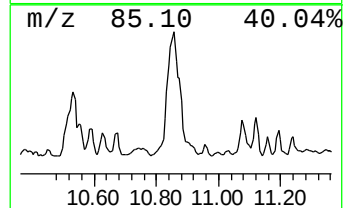
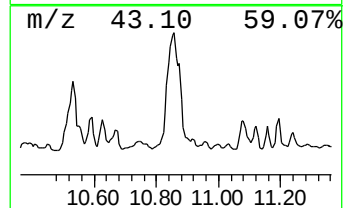
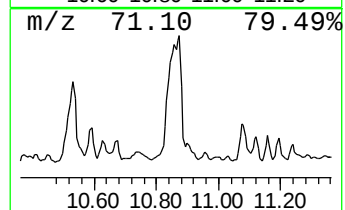
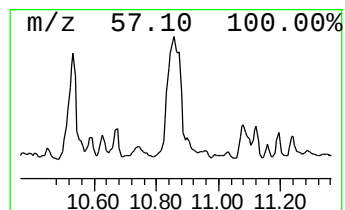
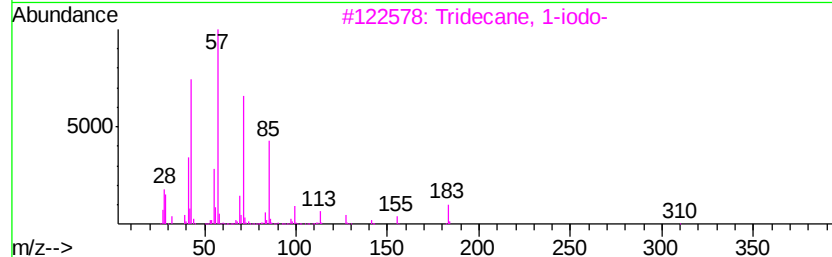
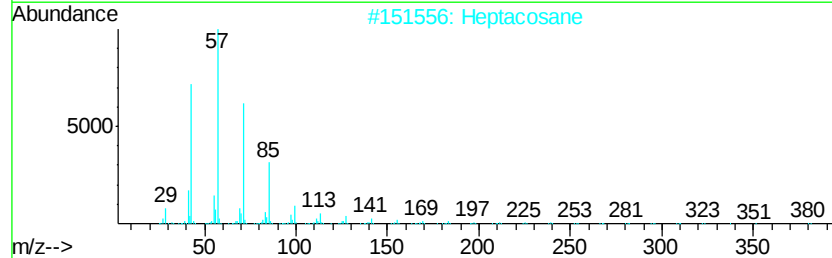
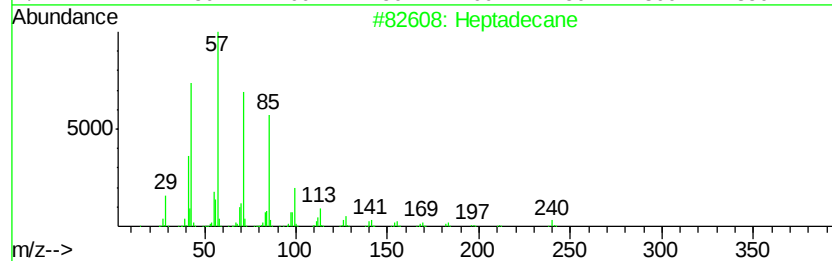
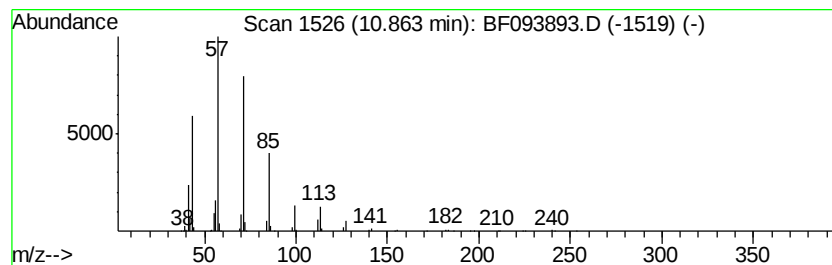
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	26.56 ng	3988910	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heptacosane	380	C27H56	000593-49-7	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80



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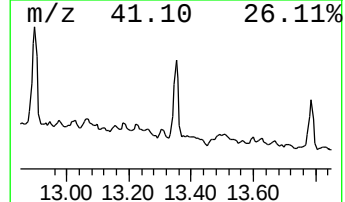
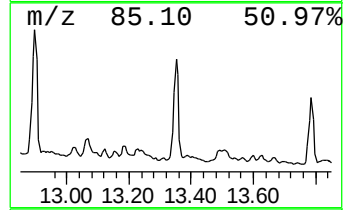
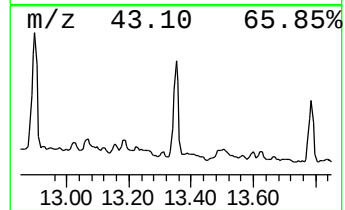
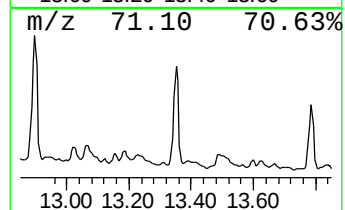
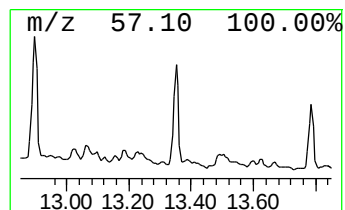
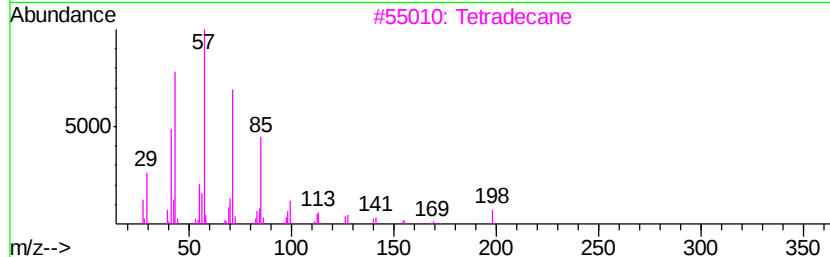
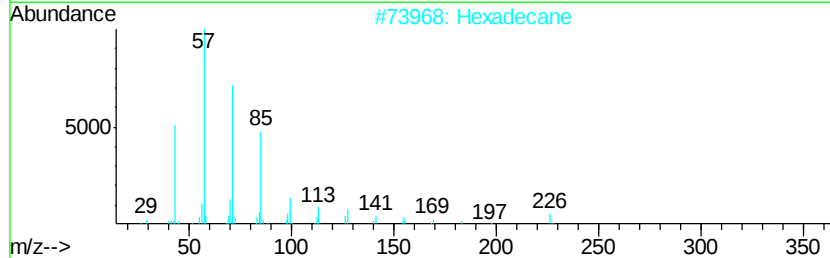
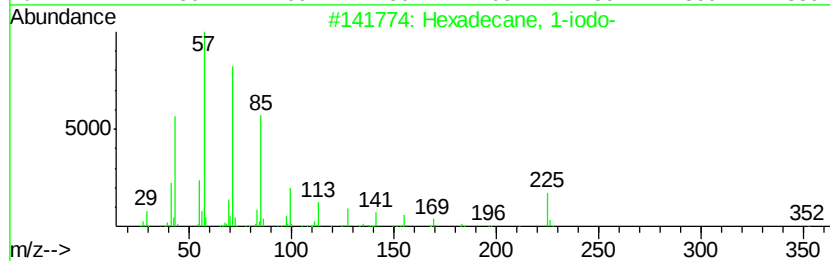
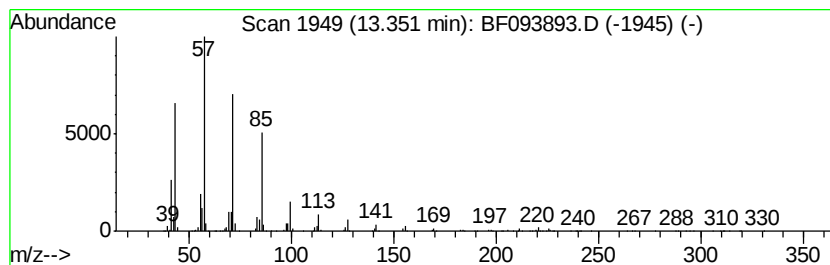
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	88.95 ng	3131050	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
Sample : I2369-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW2000

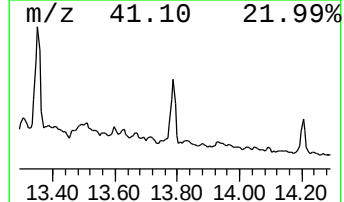
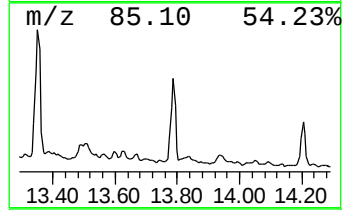
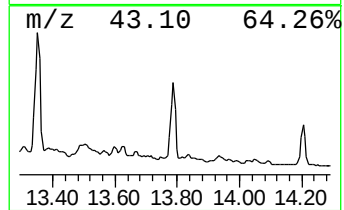
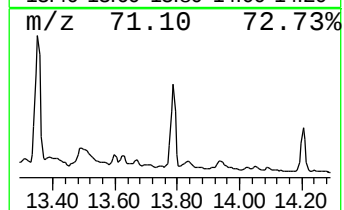
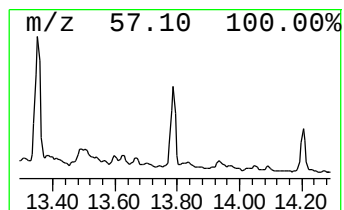
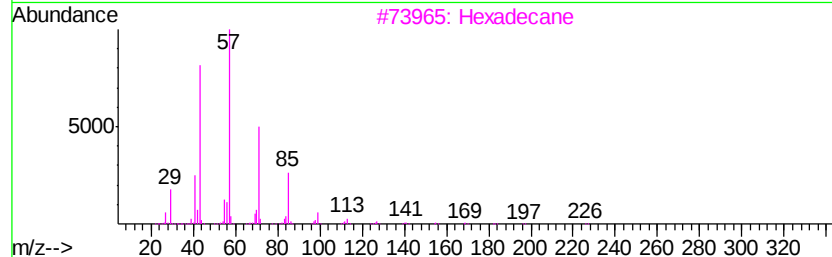
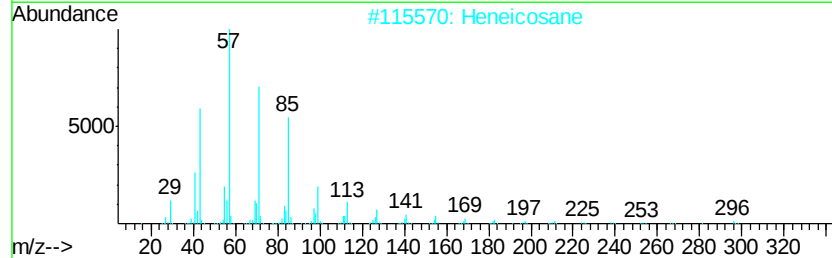
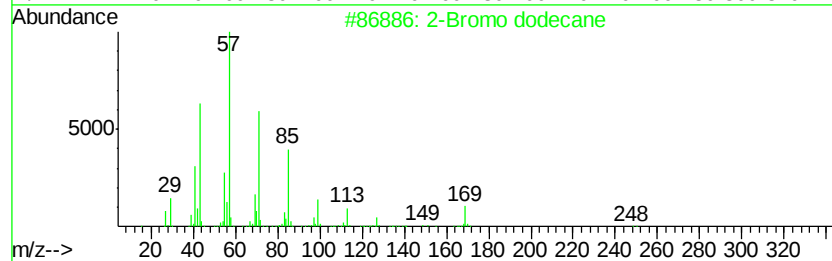
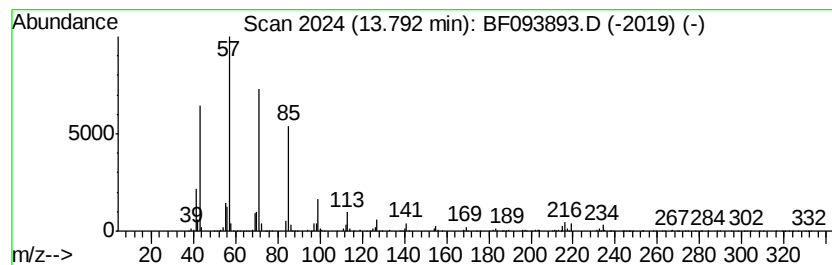
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	53.59 ng	1886490	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Heneicosane	296	C21H44	000629-94-7	80
3		Hexadecane	226	C16H34	000544-76-3	72
4		Pentadecane	212	C15H32	000629-62-9	64
5		Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
Sample : I2369-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW2000

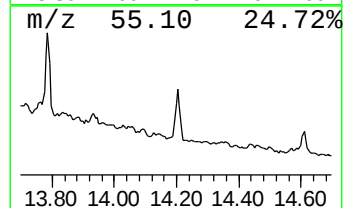
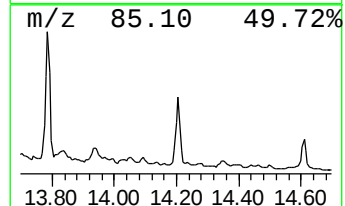
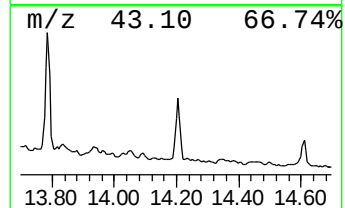
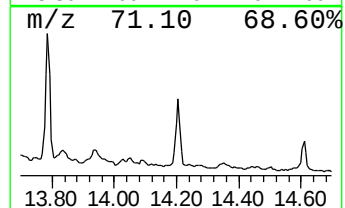
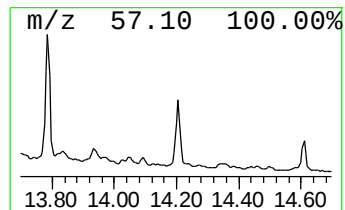
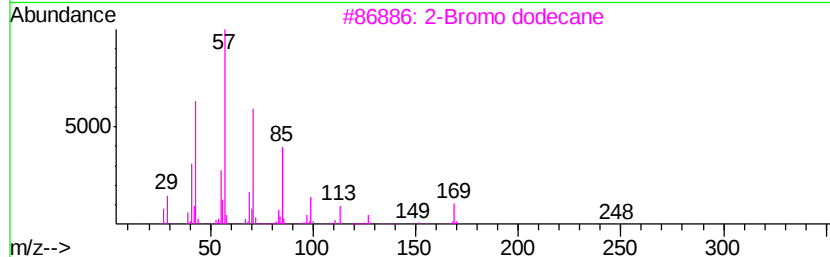
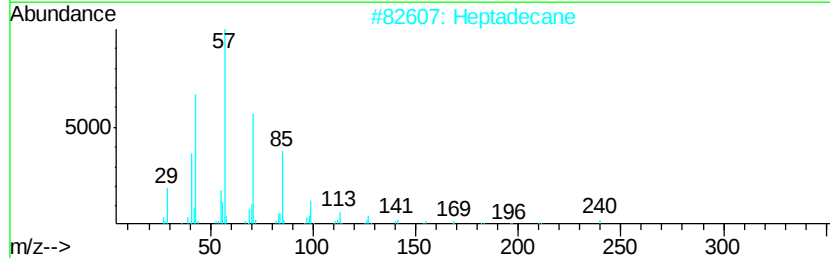
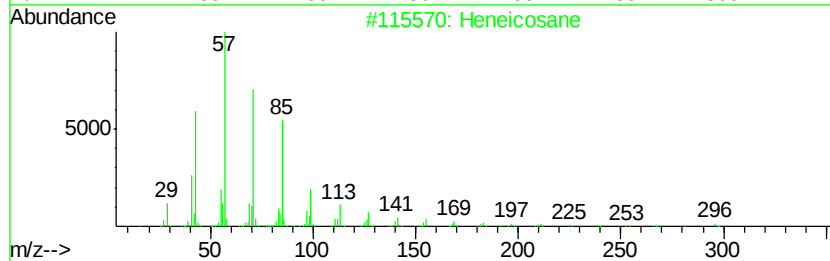
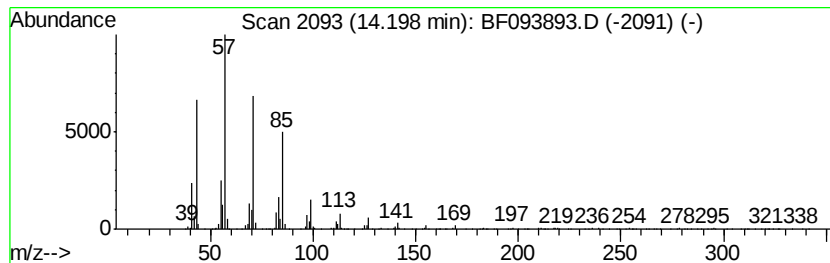
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	30.74 ng	1082050	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093893.D
 Acq On : 23 Mar 2017 22:15
 Operator : SJ/MA
 Sample : I2369-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW2000

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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
unknown5.72	5.72	47.8	ng	4714010	1	5.98	1973210	20.0
Decane	5.82	63.2	ng	6239430	1	5.98	1973210	20.0
unknown6.45	6.45	41.9	ng	4132620	1	5.98	1973210	20.0
Undecane	6.72	89.7	ng	8851870	1	5.98	1973210	20.0
Benzene, 1,2,3,5-...	6.93	41.3	ng	5830550	2	7.49	2826450	20.0
unknown7.07	7.07	47.1	ng	6661510	2	7.49	2826450	20.0
Octadecane	7.16	26.5	ng	3746080	2	7.49	2826450	20.0
unknown7.19	7.19	31.5	ng	4447600	2	7.49	2826450	20.0
Dodecane, 2-methyl-	7.24	35.7	ng	5041410	2	7.49	2826450	20.0
Undecane, 3-methyl-	7.29	42.7	ng	6037840	2	7.49	2826450	20.0
Undecane, 4,6-dim...	7.63	35.4	ng	4998710	2	7.49	2826450	20.0
Naphthalene, 1,2,...	7.75	27.1	ng	3835580	2	7.49	2826450	20.0
Dodecane, 4-methyl-	7.97	26.3	ng	3722730	2	7.49	2826450	20.0
Octane, 2,6-dimet...	8.07	67.9	ng	9599370	2	7.49	2826450	20.0
Hexadecane	8.30	69.6	ng	9833420	2	7.49	2826450	20.0
Heptadecane	10.86	26.6	ng	3988910	4	11.49	3003720	20.0
Hexadecane, 1-iodo-	13.35	89.0	ng	3131050	5	14.71	704037	20.0
2-Bromo dodecane	13.79	53.6	ng	1886490	5	14.71	704037	20.0
Heneicosane	14.20	30.7	ng	1082050	5	14.71	704037	20.0