

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097929.D
 Acq On : 22 Aug 2017 2:21
 Operator : SJ/JU
 Sample : I4892-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-081817

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-BF081517.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	5.345	550	554	558	rBV	633135	545671	5.18%	0.876%
2	6.281	710	713	715	rBV2	138090	133216	1.26%	0.214%
3	6.345	720	724	726	rBV2	128404	144134	1.37%	0.231%
4	6.375	726	729	735	rVV	707126	615806	5.84%	0.988%
5	6.510	749	752	757	rVV	642248	648445	6.15%	1.041%
6	6.592	761	766	771	rBV	693161	666552	6.33%	1.070%
7	6.751	789	793	795	rVV	766338	766121	7.27%	1.229%
8	6.769	795	796	800	rVB2	214638	134501	1.28%	0.216%
9	6.810	800	803	807	rBV3	174680	179277	1.70%	0.288%
10	6.904	815	819	822	rBV2	613070	590577	5.61%	0.948%
11	7.028	837	840	843	rVB3	284220	308408	2.93%	0.495%
12	7.063	843	846	849	rBV2	244161	320144	3.04%	0.514%
13	7.092	849	851	856	rVB	288783	244403	2.32%	0.392%
14	7.145	856	860	863	rBV	475776	419288	3.98%	0.673%
15	7.286	880	884	886	rBV2	275345	341722	3.24%	0.548%
16	7.310	886	888	890	rVV	373801	340902	3.24%	0.547%
17	7.357	893	896	899	rVB	1382200	1204055	11.43%	1.932%
18	7.404	899	904	906	rVB5	241474	333992	3.17%	0.536%
19	7.439	906	910	912	rBV3	137207	179330	1.70%	0.288%
20	7.469	912	915	919	rVV3	182846	212607	2.02%	0.341%
21	7.557	925	930	934	rVB3	270560	457391	4.34%	0.734%
22	7.657	945	947	949	rVV2	154939	141090	1.34%	0.226%
23	7.722	955	958	961	rVB3	301497	313789	2.98%	0.504%
24	7.757	961	964	965	rBV	387497	318349	3.02%	0.511%
25	7.775	965	967	968	rVV2	289815	252374	2.40%	0.405%
26	7.792	968	970	974	rVB2	428975	454892	4.32%	0.730%
27	7.833	974	977	979	rBV	335142	295677	2.81%	0.474%
28	7.875	982	984	986	rVB	243664	179274	1.70%	0.288%
29	7.904	986	989	993	rBV2	154662	192756	1.83%	0.309%
30	7.992	998	1004	1006	rBV4	186740	322377	3.06%	0.517%
31	8.022	1006	1009	1013	rVV2	1862162	2253013	21.38%	3.615%
32	8.080	1017	1019	1020	rVV	233601	193758	1.84%	0.311%
33	8.098	1020	1022	1025	rVV	501760	441830	4.19%	0.709%
34	8.127	1025	1027	1030	rVV2	195916	174426	1.66%	0.280%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.204	1034	1040	1042	rBV5	144086	286968	2.72%	0.460%
36	8.233	1042	1045	1049	rVV2	255250	292527	2.78%	0.469%
37	8.275	1049	1052	1056	rVV6	121410	162738	1.54%	0.261%
38	8.327	1056	1061	1064	rVV4	429568	655234	6.22%	1.051%
39	8.380	1068	1070	1073	rVV3	354139	338639	3.21%	0.543%
40	8.416	1073	1076	1079	rVV2	530928	461502	4.38%	0.741%
41	8.463	1079	1084	1086	rVV	660960	750070	7.12%	1.204%
42	8.539	1093	1097	1100	rBV2	432135	388850	3.69%	0.624%
43	8.575	1100	1103	1105	rBV3	113939	130258	1.24%	0.209%
44	8.633	1109	1113	1116	rVV	1696048	1549347	14.70%	2.486%
45	8.692	1120	1123	1126	rVV2	374265	419160	3.98%	0.673%
46	8.727	1126	1129	1131	rVB3	291281	294338	2.79%	0.472%
47	8.857	1148	1151	1155	rVB2	308433	279641	2.65%	0.449%
48	8.916	1158	1161	1162	rBV2	262413	256665	2.44%	0.412%
49	8.933	1162	1164	1167	rVV4	184716	274012	2.60%	0.440%
50	8.963	1167	1169	1170	rVV	199847	158044	1.50%	0.254%
51	8.992	1172	1174	1177	rVB2	373315	358866	3.41%	0.576%
52	9.033	1178	1181	1183	rBV	302632	261483	2.48%	0.420%
53	9.063	1183	1186	1190	rVV3	472637	512337	4.86%	0.822%
54	9.104	1190	1193	1198	rVB	488631	460489	4.37%	0.739%
55	9.198	1204	1209	1212	rBV	1435765	1369080	12.99%	2.197%
56	9.239	1214	1216	1217	rVV	168609	148748	1.41%	0.239%
57	9.257	1217	1219	1225	rVV3	249789	331304	3.14%	0.532%
58	9.445	1249	1251	1253	rVV2	236027	260180	2.47%	0.417%
59	9.469	1253	1255	1257	rVV2	259384	214681	2.04%	0.344%
60	9.516	1257	1263	1265	rVV3	511030	793081	7.53%	1.273%
61	9.533	1265	1266	1269	rVV2	349219	282728	2.68%	0.454%
62	9.574	1270	1273	1275	rVV2	247080	227803	2.16%	0.366%
63	9.722	1296	1298	1302	rVV	991168	829784	7.88%	1.332%
64	9.786	1302	1309	1312	rVV	841786	893128	8.48%	1.433%
65	9.951	1334	1337	1340	rVV2	124640	184080	1.75%	0.295%
66	9.986	1340	1343	1345	rVV2	147995	162109	1.54%	0.260%
67	10.045	1349	1353	1357	rVV6	191993	213193	2.02%	0.342%
68	10.221	1380	1383	1386	rVV	775139	586530	5.57%	0.941%
69	10.439	1414	1420	1426	rBV	230007	358466	3.40%	0.575%
70	10.569	1438	1442	1446	rVB3	296704	323324	3.07%	0.519%
71	10.692	1460	1463	1471	rVB	626294	692867	6.58%	1.112%

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72	11.139	1536	1539	1542	rBV	494550	421468	4.00%	0.676%
73	11.168	1542	1544	1549	rVB	177104	202790	1.92%	0.325%
74	11.263	1557	1560	1563	rBV	706826	700352	6.65%	1.124%
75	11.286	1563	1564	1567	rVV	396863	278447	2.64%	0.447%
76	11.339	1570	1573	1578	rVB	158418	146568	1.39%	0.235%
77	11.568	1609	1612	1614	rBV	416341	331895	3.15%	0.533%
78	11.674	1625	1630	1633	rVB	4207291	4058542	38.52%	6.513%
79	11.874	1660	1664	1667	rBV2	113671	141641	1.34%	0.227%
80	11.974	1678	1681	1689	rVB	347385	347407	3.30%	0.557%
81	12.368	1741	1748	1750	rVV	5606045	10536516	100.00%	16.907%
82	12.392	1750	1752	1757	rVV2	5685267	6535123	62.02%	10.487%
83	12.463	1760	1764	1769	rVB2	2778228	2754834	26.15%	4.421%
84	12.704	1800	1805	1808	rBV2	507871	627832	5.96%	1.007%
85	12.733	1808	1810	1813	rVV	209998	182207	1.73%	0.292%
86	12.851	1827	1830	1835	rBV	464703	410644	3.90%	0.659%
87	13.021	1855	1859	1860	rBV2	134664	152488	1.45%	0.245%
88	13.045	1860	1863	1864	rVV2	242964	309914	2.94%	0.497%
89	13.104	1868	1873	1877	rVV3	277939	452413	4.29%	0.726%
90	13.186	1884	1887	1890	rBV	309696	269282	2.56%	0.432%
91	13.292	1902	1905	1909	rBV2	230834	231759	2.20%	0.372%
92	13.433	1926	1929	1932	rBV	165155	137408	1.30%	0.220%
93	13.604	1955	1958	1962	rBV2	176158	230700	2.19%	0.370%
94	13.851	1997	2000	2003	rBV	349588	303047	2.88%	0.486%
95	13.898	2004	2008	2011	rVV2	696314	784843	7.45%	1.259%
96	14.468	2103	2105	2111	rBV5	125286	155191	1.47%	0.249%
97	14.680	2139	2141	2149	rVB2	132170	138433	1.31%	0.222%
98	14.792	2156	2160	2169	rVB	372886	501751	4.76%	0.805%
99	15.004	2193	2196	2204	rVB2	165666	199118	1.89%	0.320%
100	15.321	2247	2250	2254	rVB	277484	293982	2.79%	0.472%

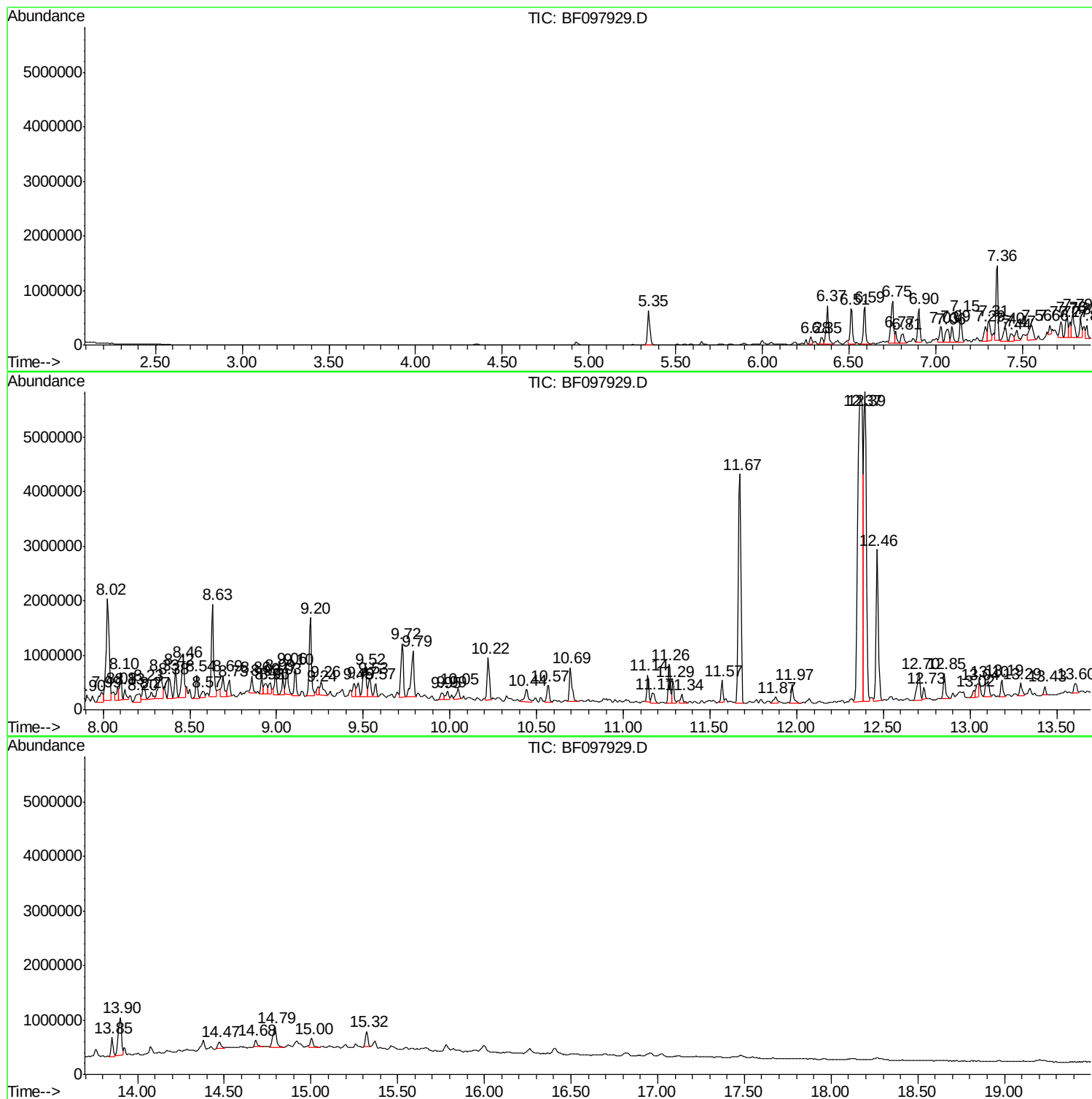
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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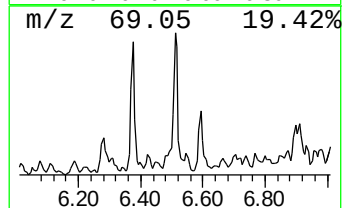
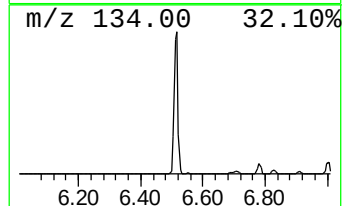
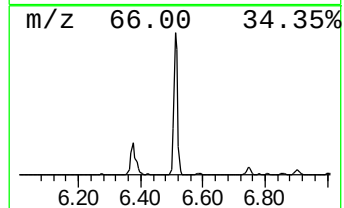
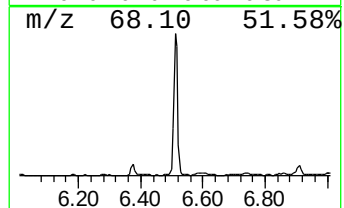
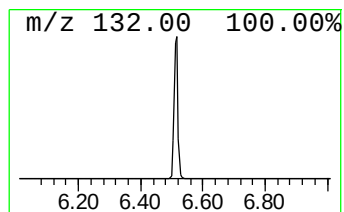
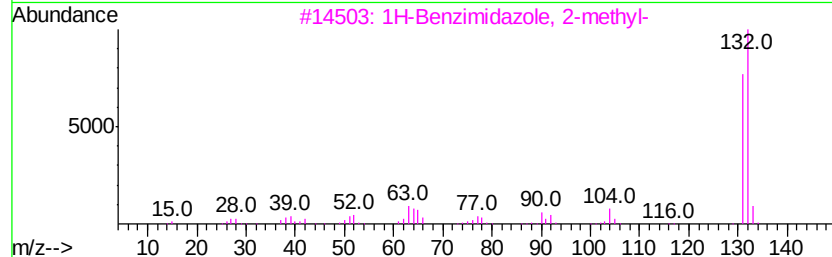
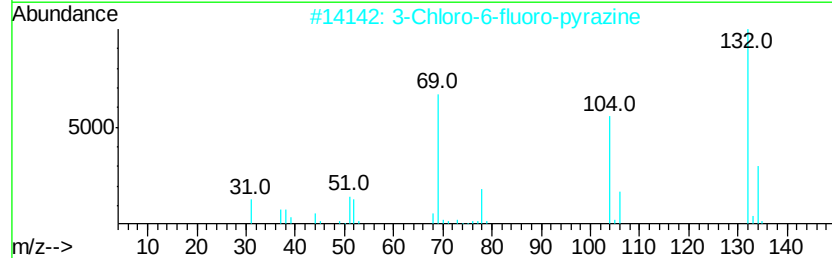
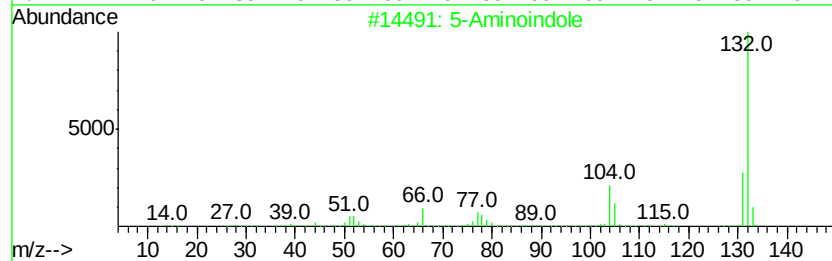
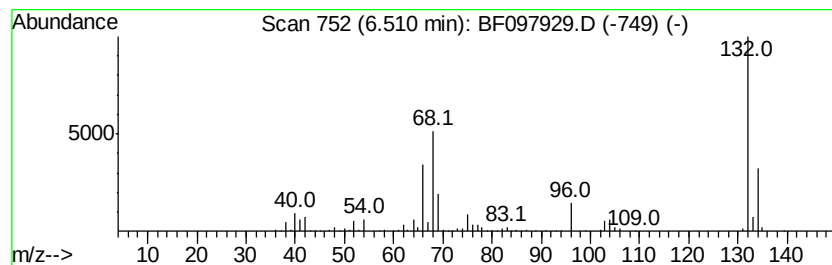
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.51 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	16.93 ng	648445	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	40
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11



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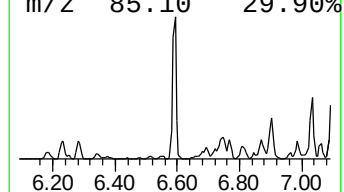
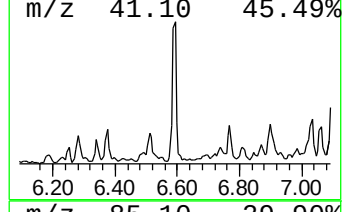
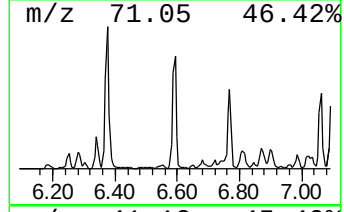
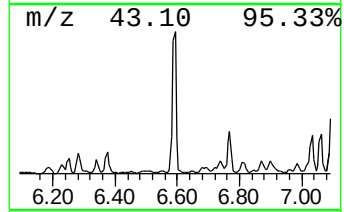
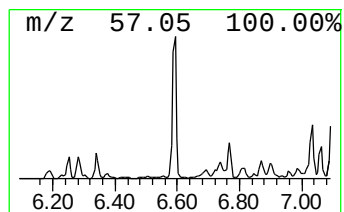
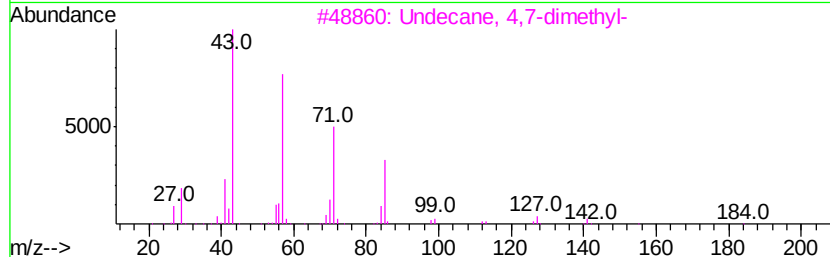
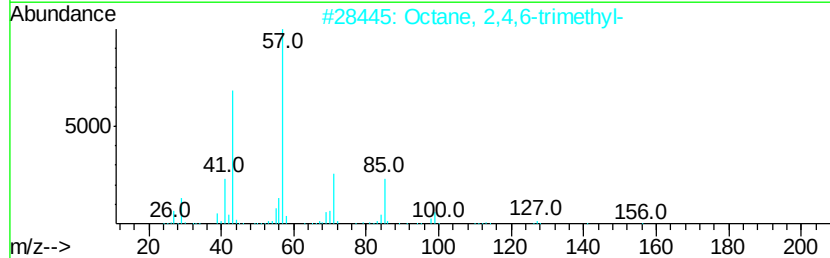
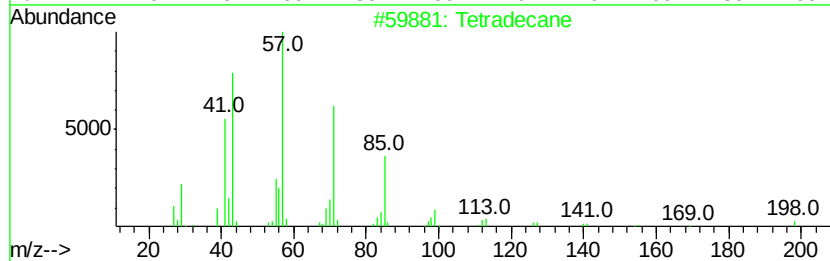
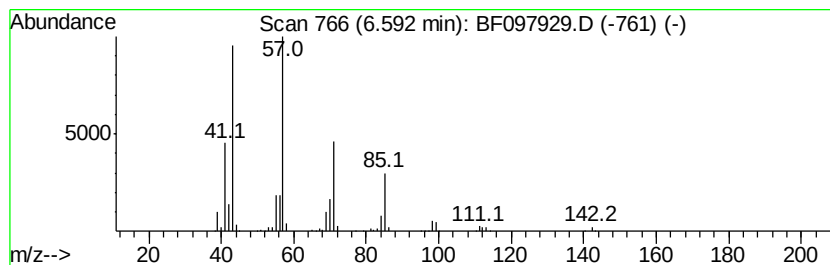
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	17.40 ng	666552	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
3		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	78
4		Hexadecane	226	C16H34	000544-76-3	78
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72



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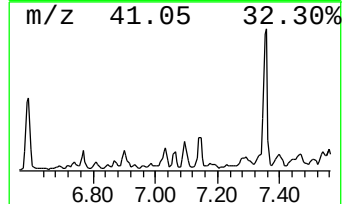
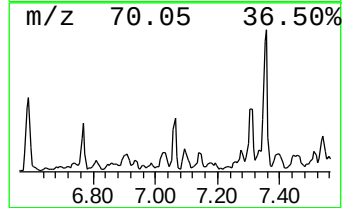
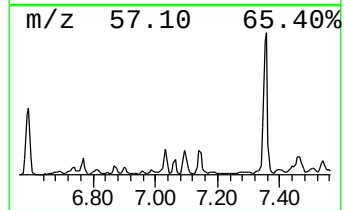
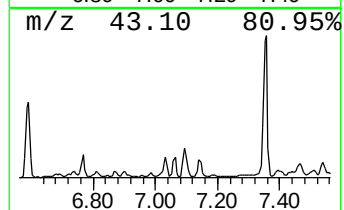
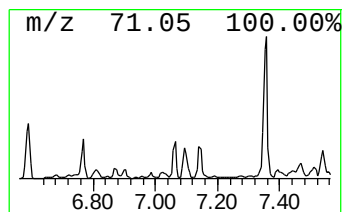
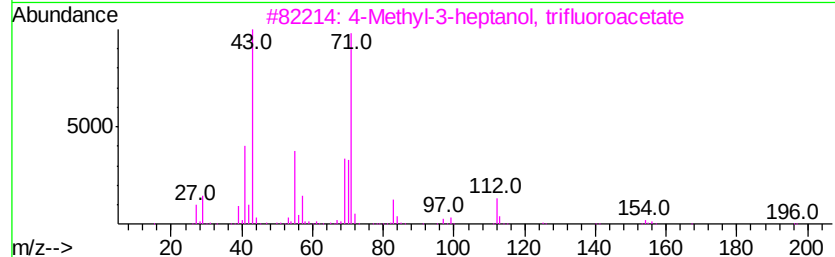
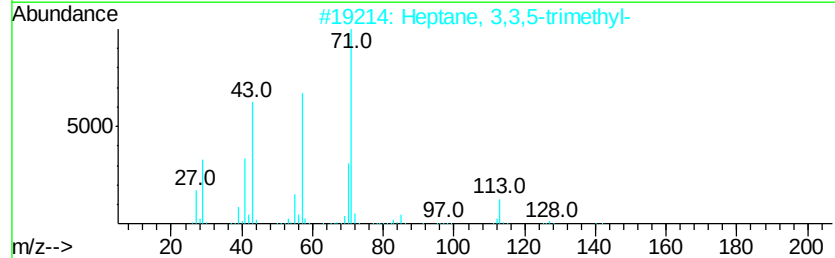
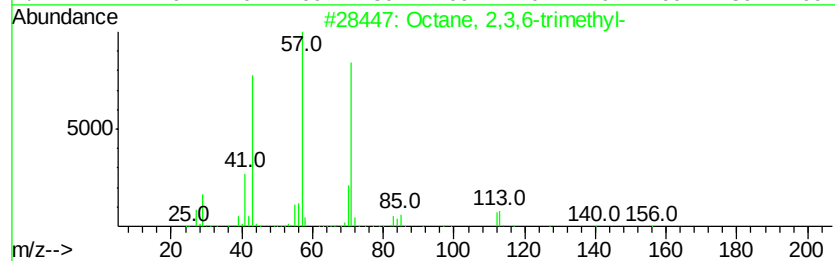
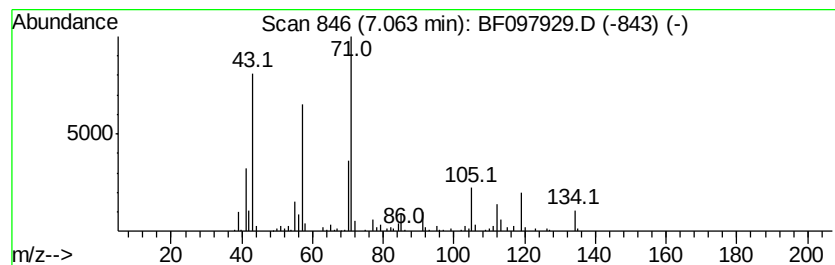
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	8.36 ng	320144	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47
3		4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	47
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	47
5		Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	43



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Data File : BF097929.D
Acq On : 22 Aug 2017 2:21
Operator : SJ/JU
Sample : I4892-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-081817

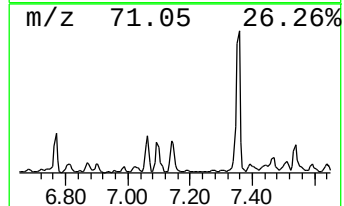
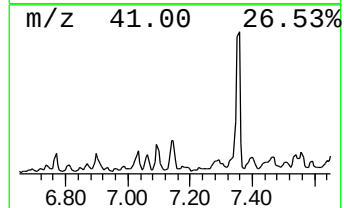
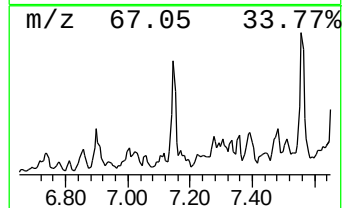
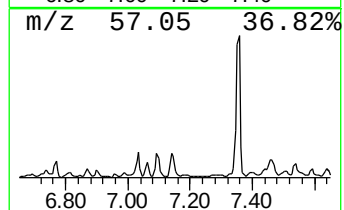
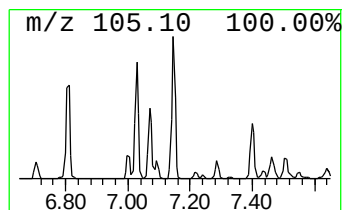
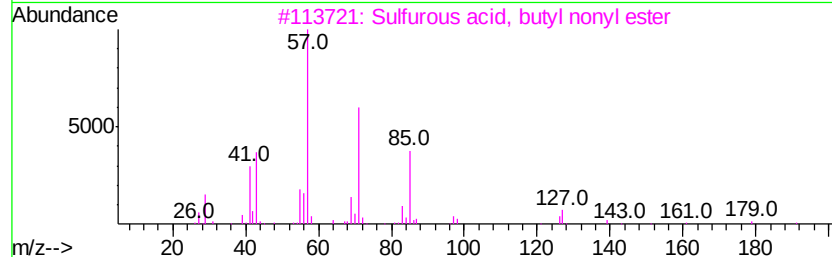
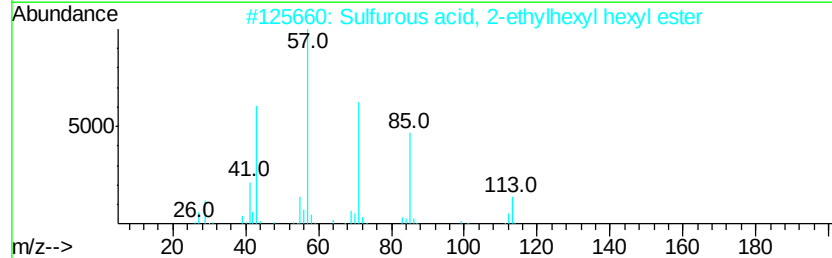
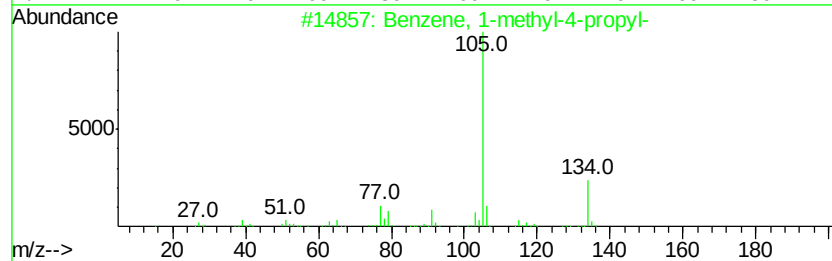
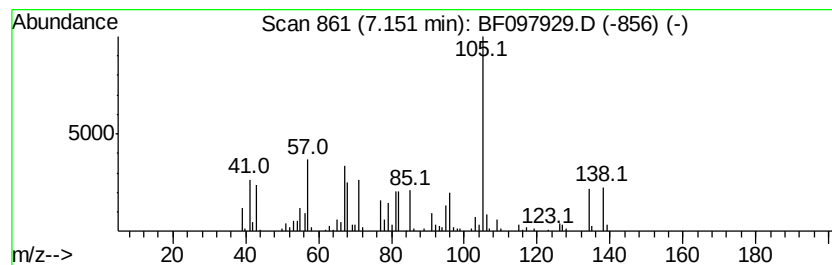
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	10.95 ng	419288	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	27
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	27
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
5		Decane, 3-methyl-	156	C11H24	013151-34-3	25



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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Sample : I4892-01 5X
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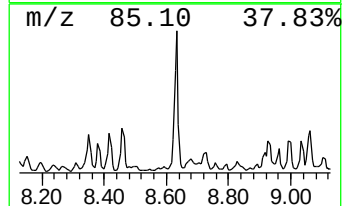
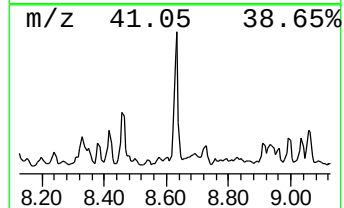
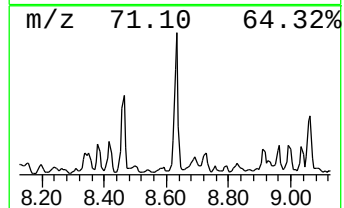
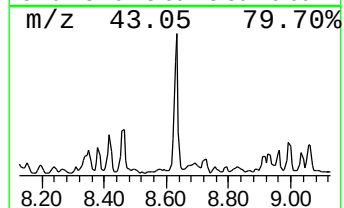
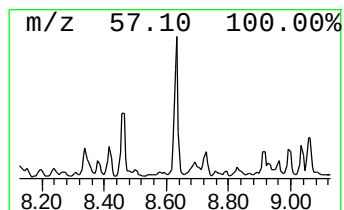
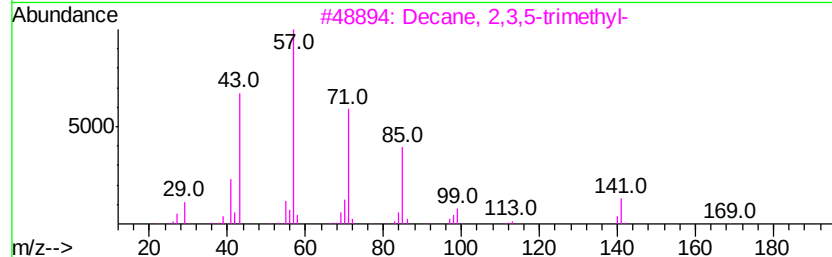
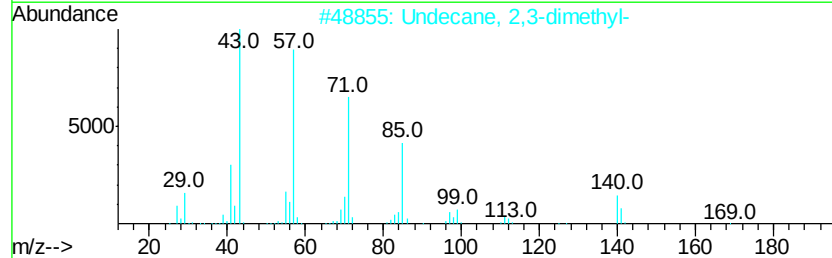
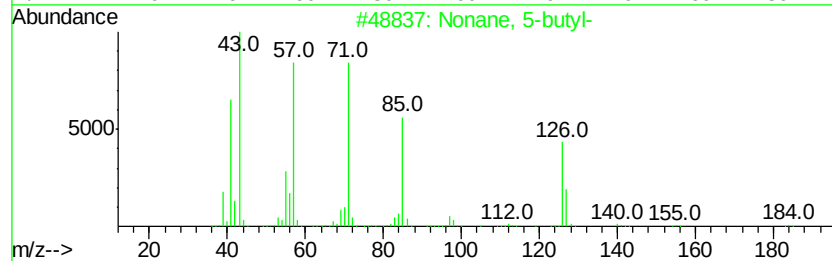
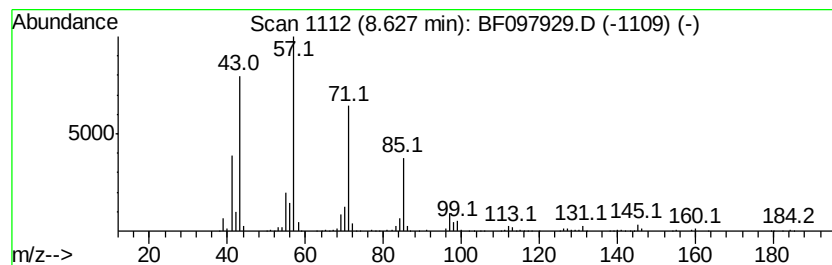
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonane, 5-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	13.75 ng	1549350	Napthalene-d8	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 5-butyl-	184 C13H28	017312-63-9	91
2	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	90
3	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	90
4	Tetradecane	198 C14H30	000629-59-4	86
5	Dodecane, 2-methyl-	184 C13H28	001560-97-0	83



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097929.D
Acq On : 22 Aug 2017 2:21
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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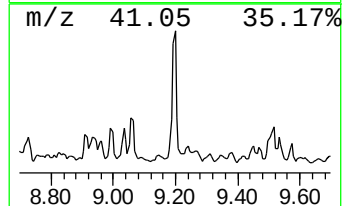
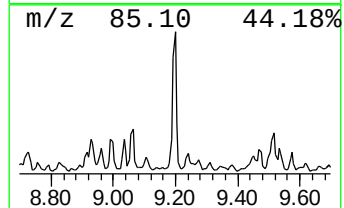
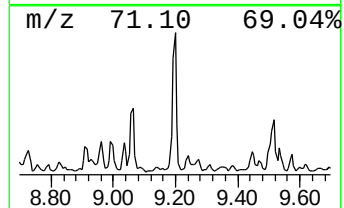
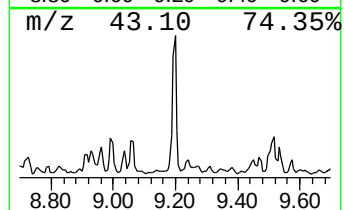
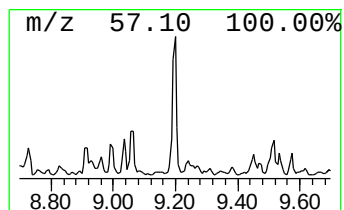
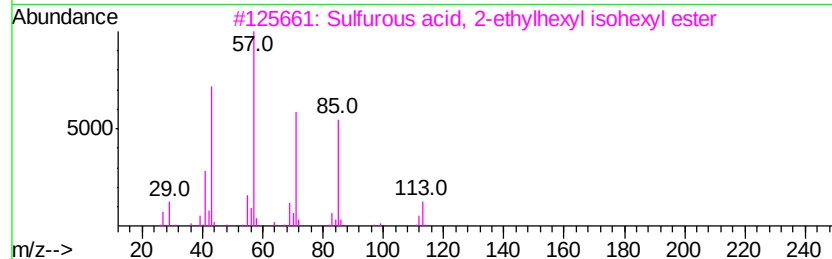
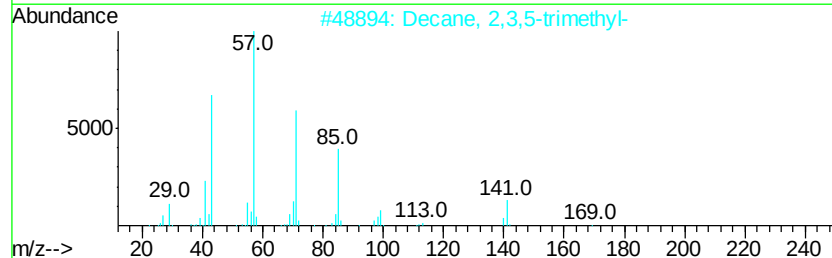
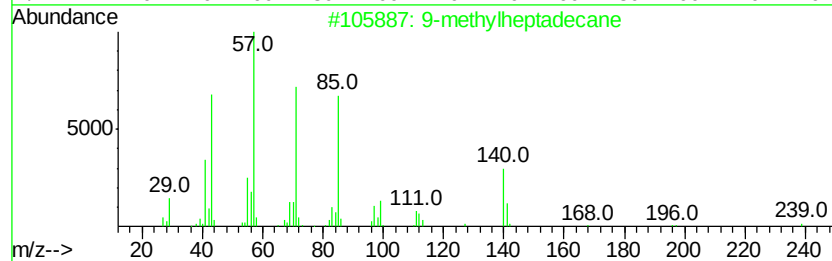
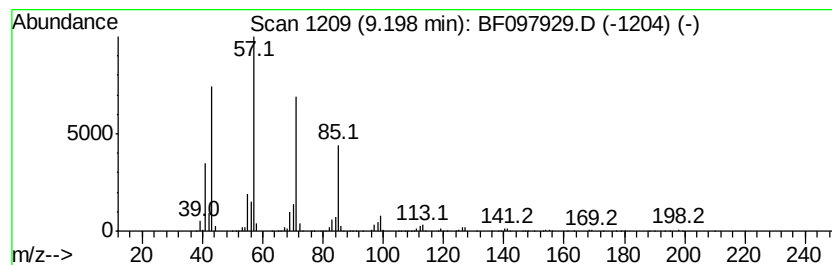
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9-methylheptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	30.66 ng	1369080	Acenaphthene-d10	9.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-methylheptadecane	254	C18H38	026741-18-4	83
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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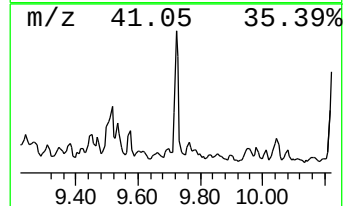
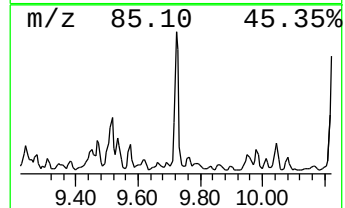
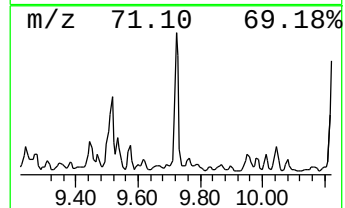
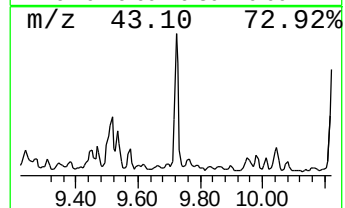
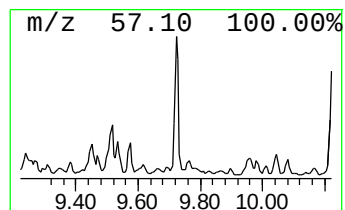
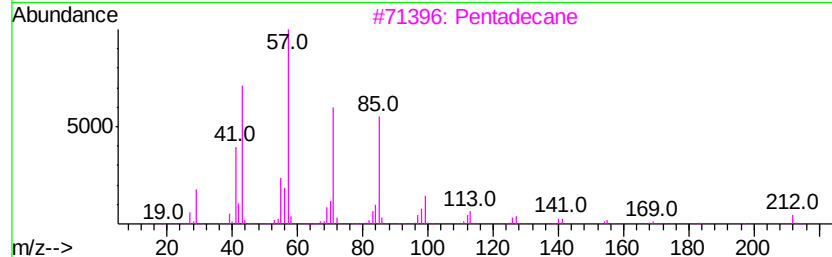
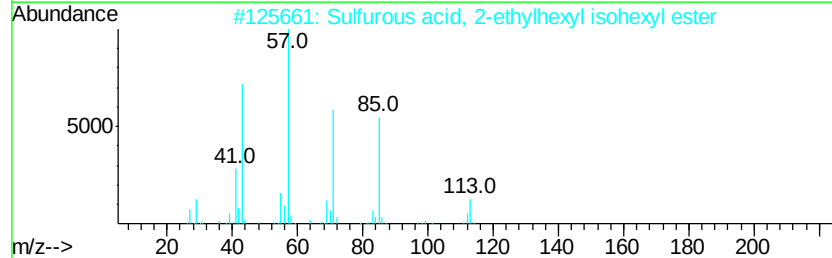
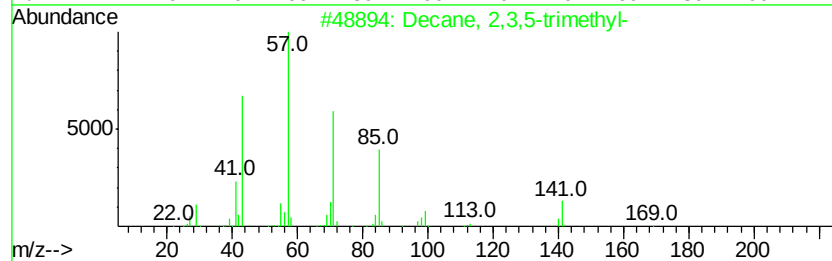
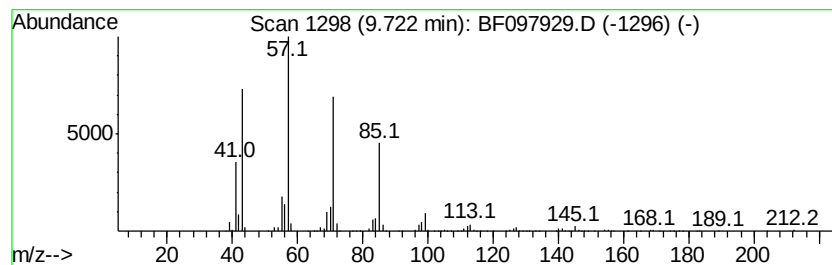
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.72	18.58 ng	829784	Acenaphthene-d10	9.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90	
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86	
3	Pentadecane	212	C15H32	000629-62-9	86	
4	Heptadecane	240	C17H36	000629-78-7	83	
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72	



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
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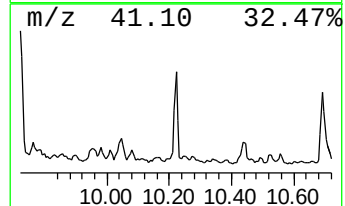
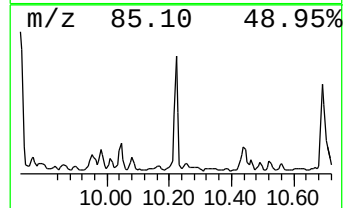
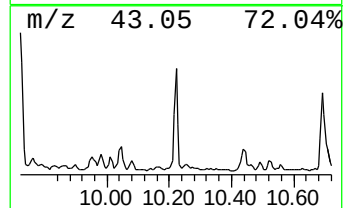
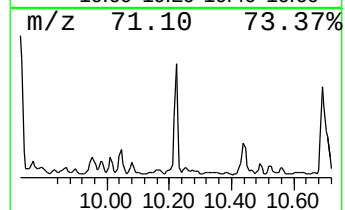
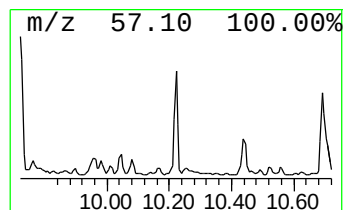
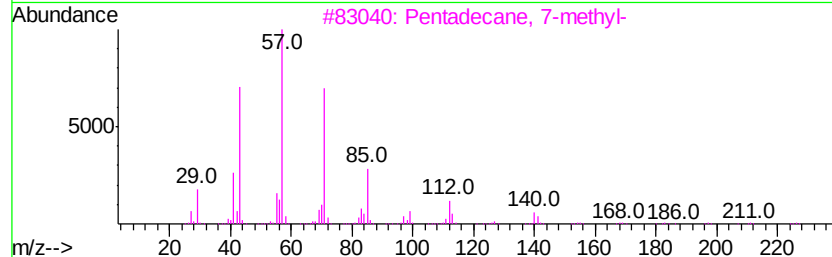
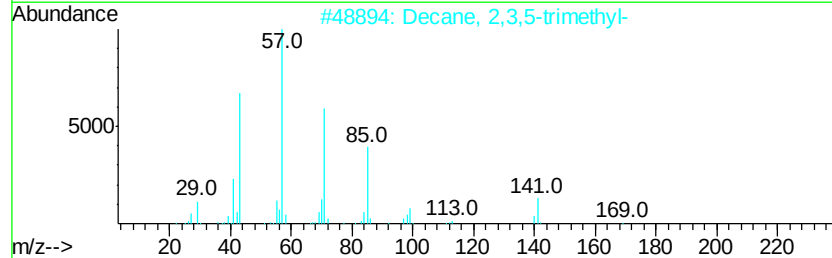
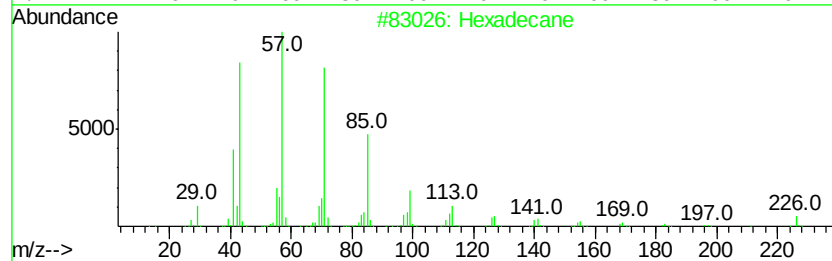
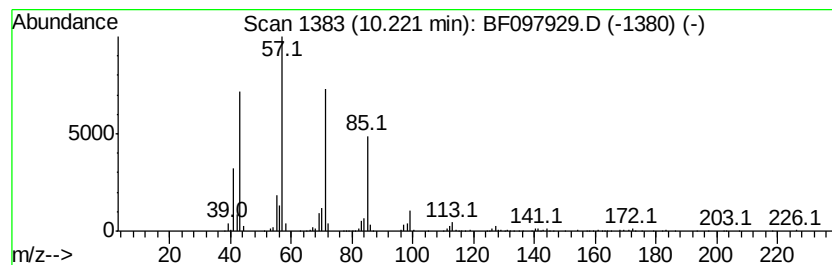
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	13.13 ng	586530	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	90
3	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	83
4	1,3-Dimethylcyclopentanol	114 C7H14O	019550-46-0	72
5	Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4	53



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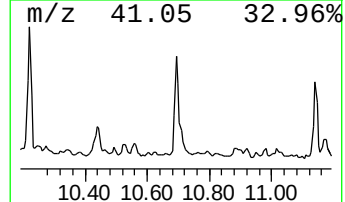
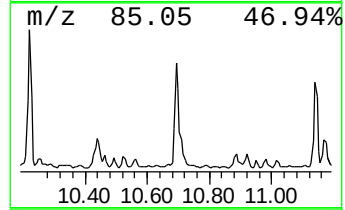
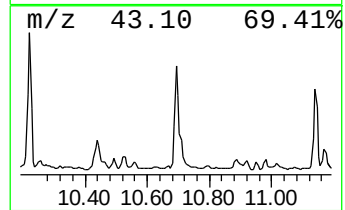
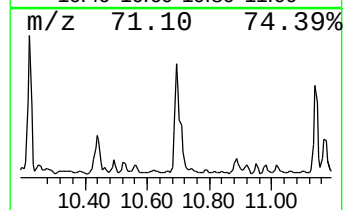
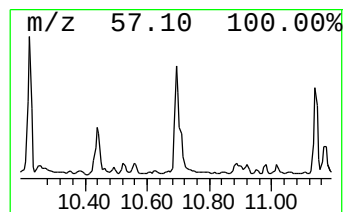
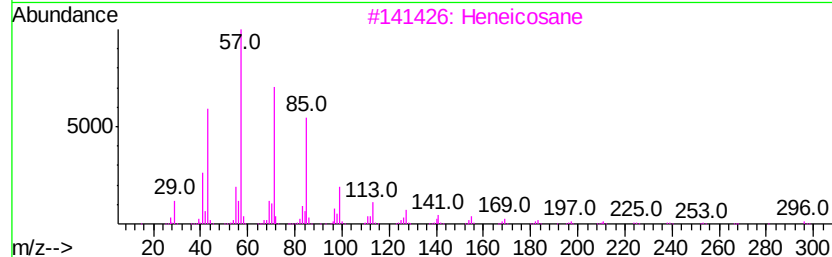
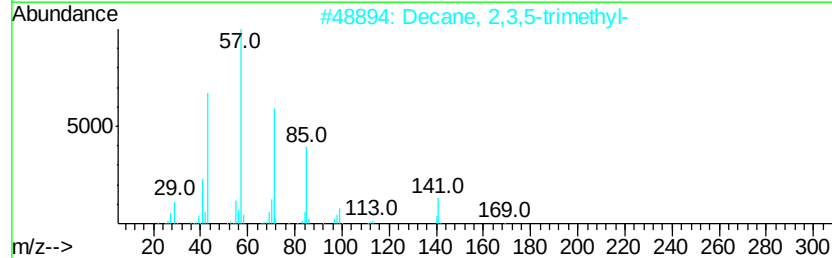
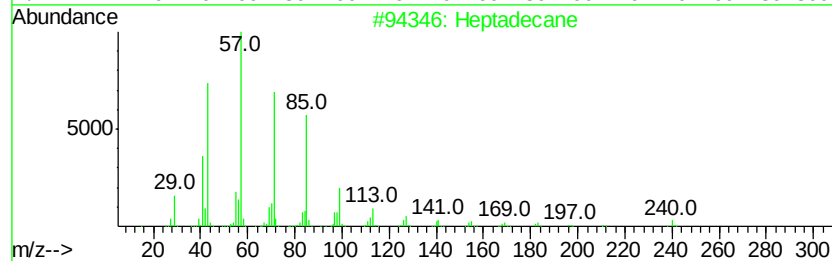
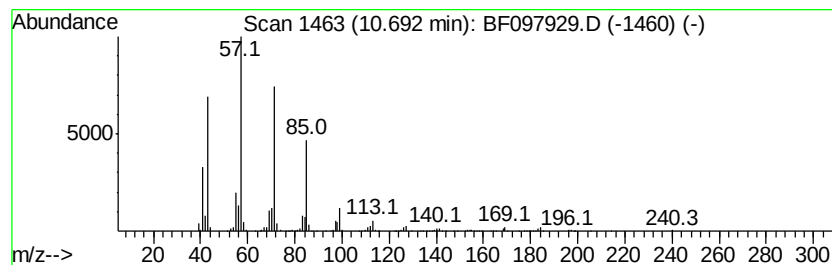
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.69	19.79 ng	692867	Phenanthrene-d10		11.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
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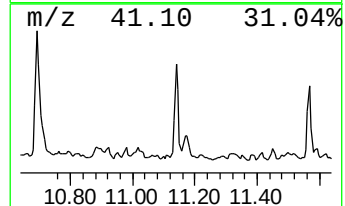
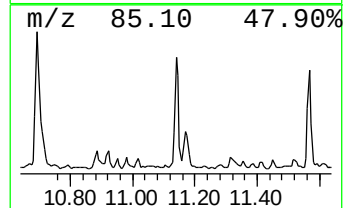
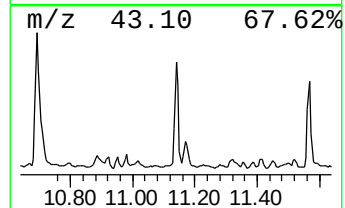
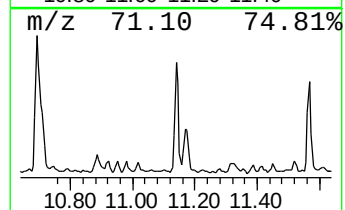
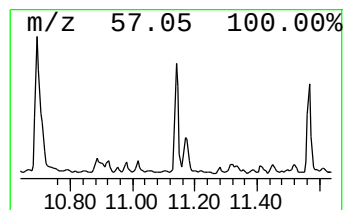
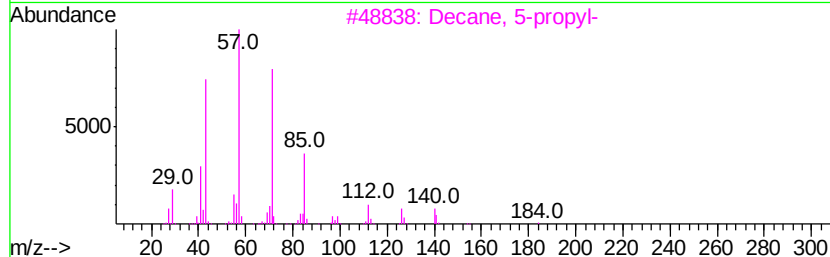
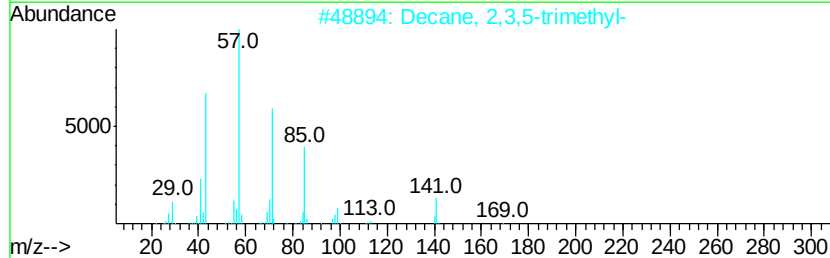
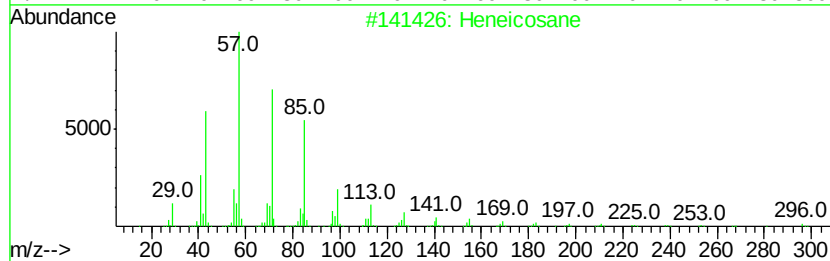
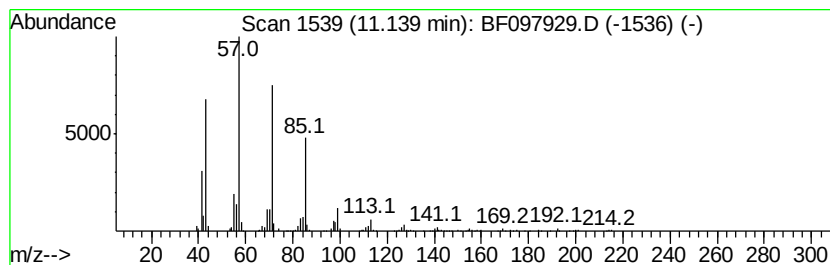
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	12.04 ng	421468	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		Decane, 5-propyl-	184	C13H28	017312-62-8	87
4		Pentadecane	212	C15H32	000629-62-9	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097929.D
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Operator : SJ/JU
Sample : I4892-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

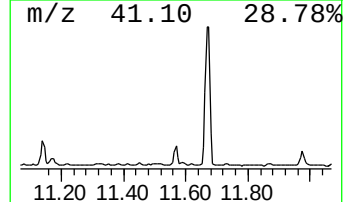
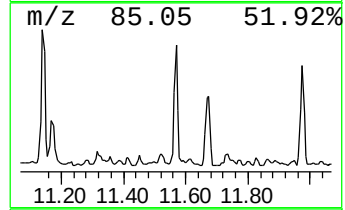
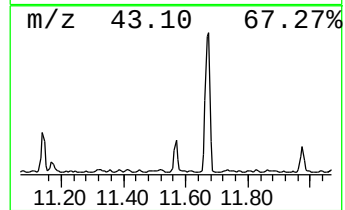
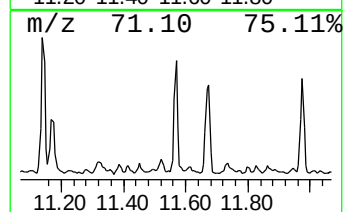
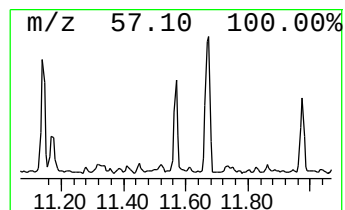
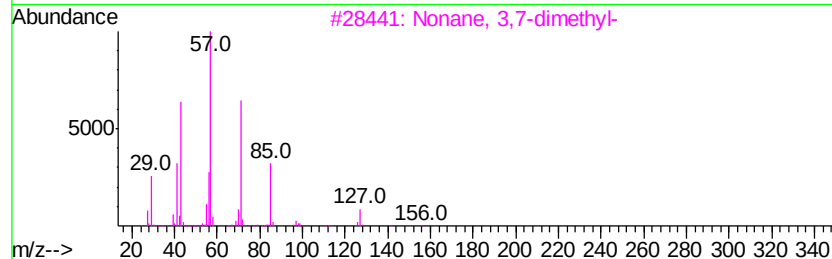
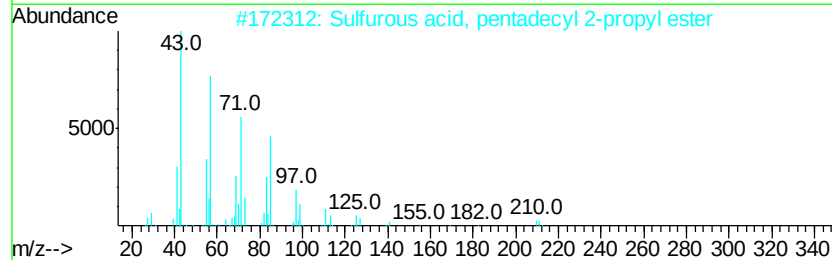
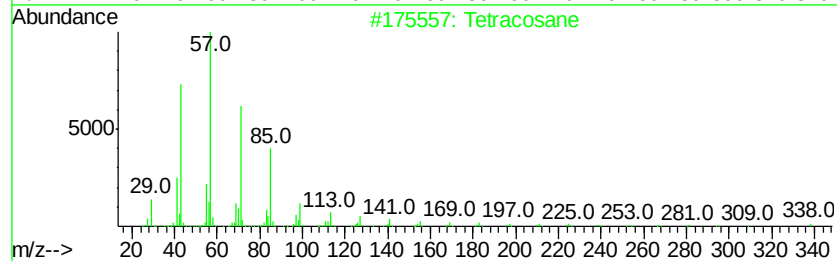
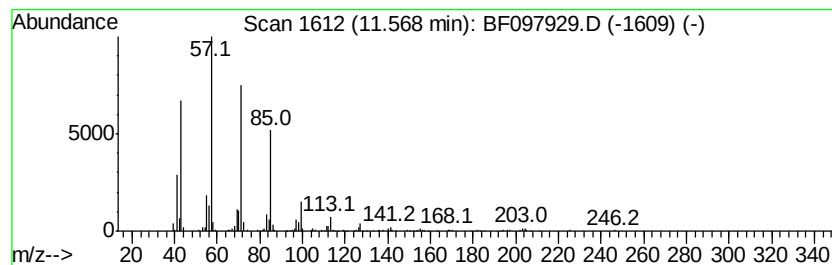
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.57	9.48 ng	331895	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	83
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
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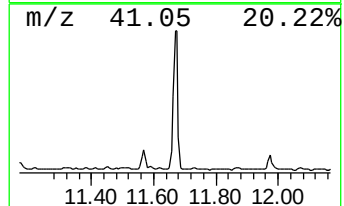
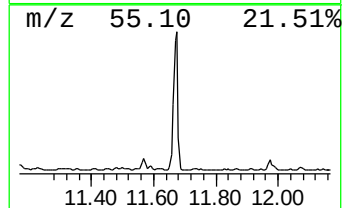
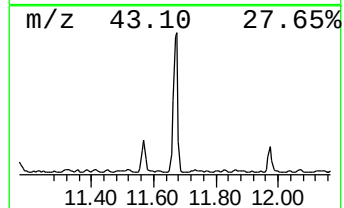
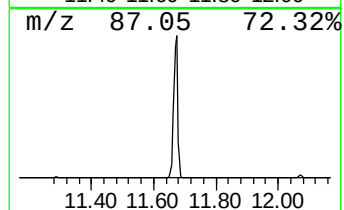
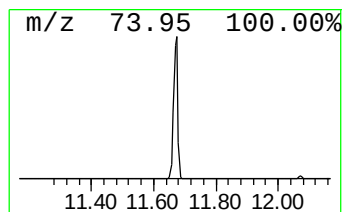
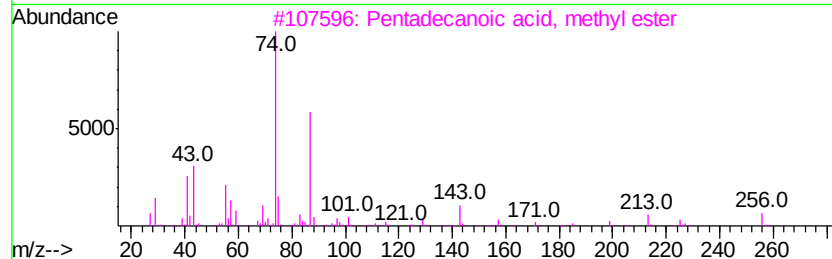
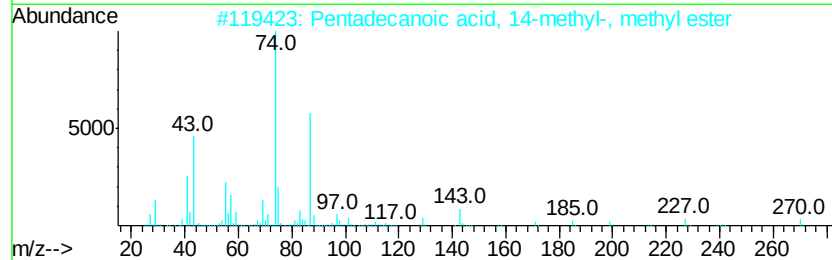
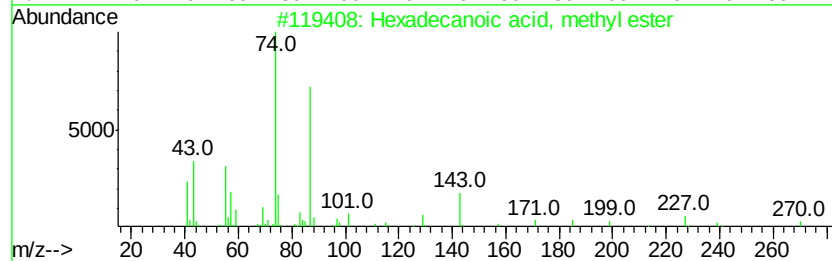
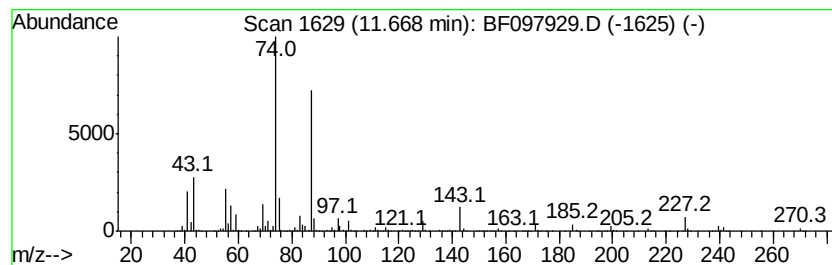
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	115.90 ng	4058540	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



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Sample : I4892-01 5X
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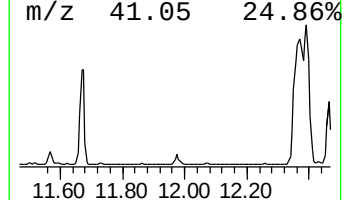
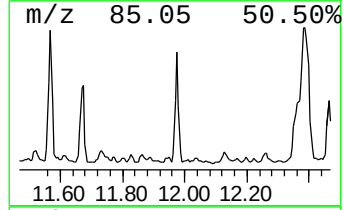
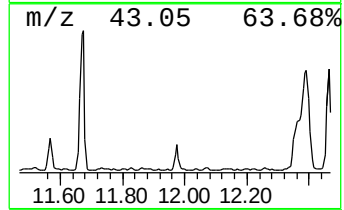
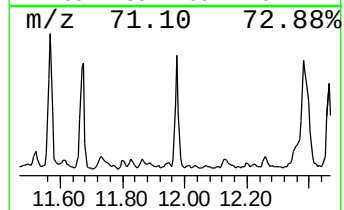
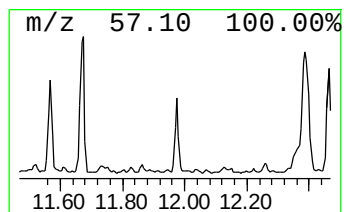
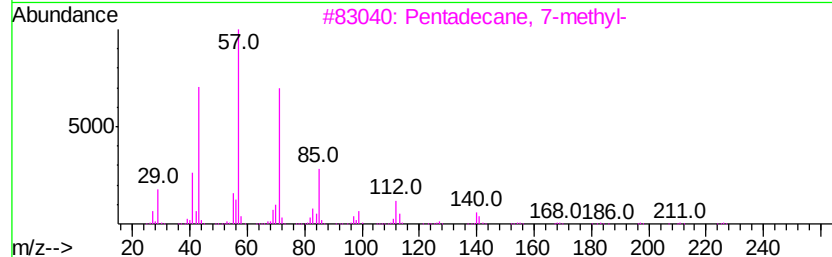
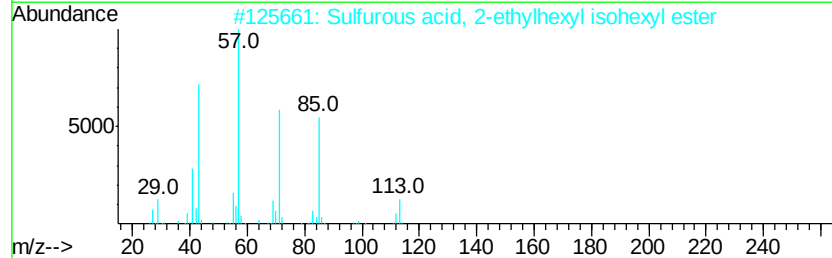
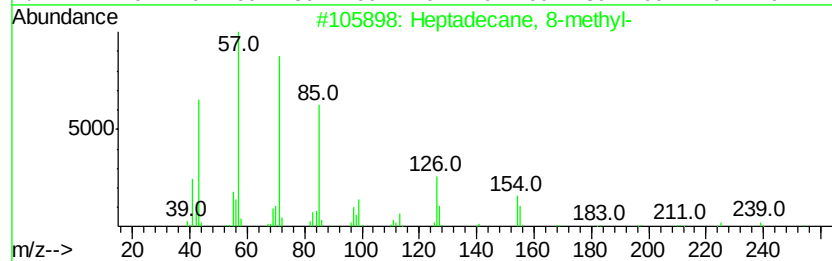
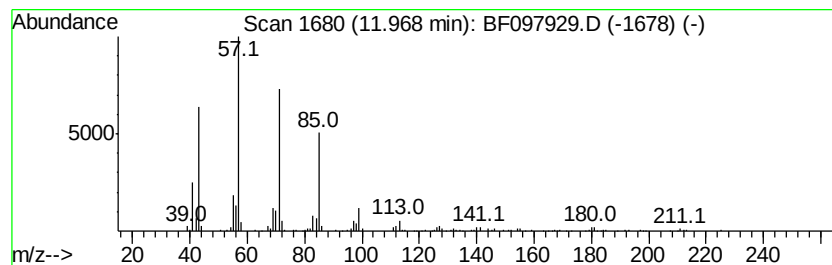
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptadecane, 8-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	9.92 ng	347407	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



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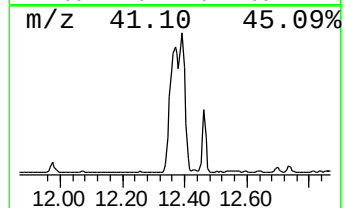
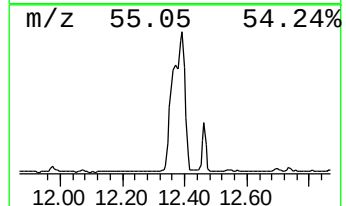
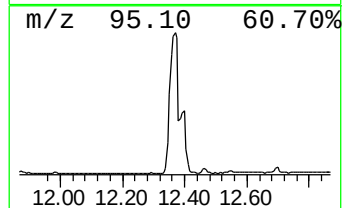
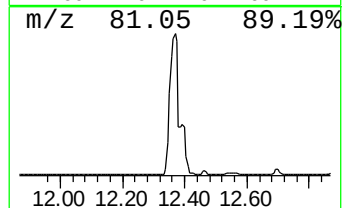
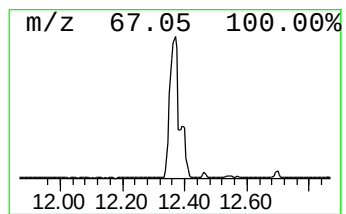
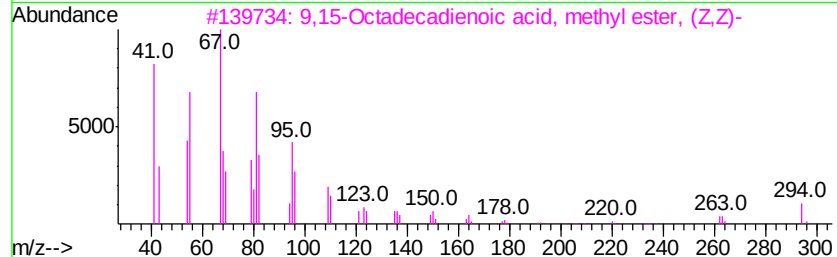
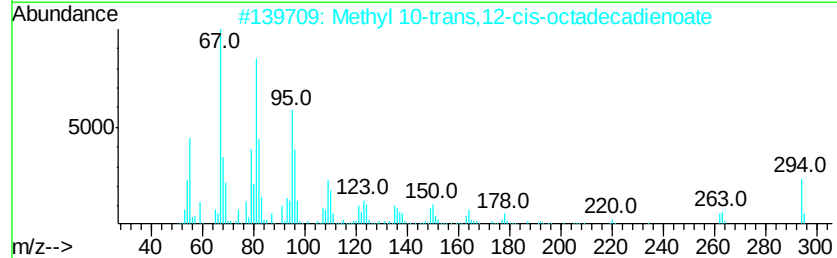
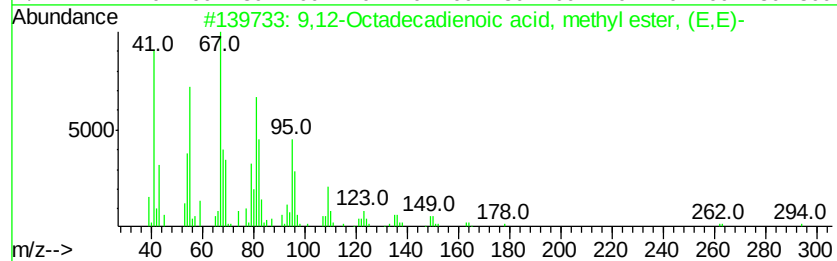
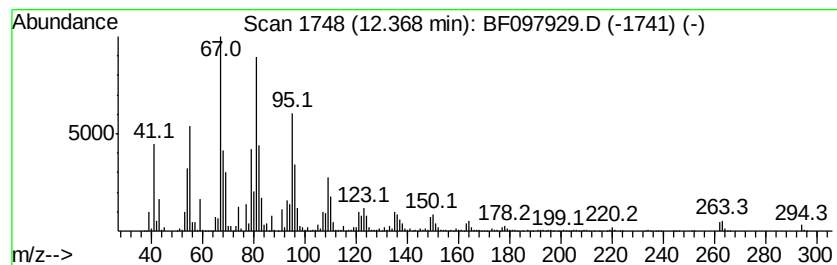
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	300.89 ng	10536500	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	96



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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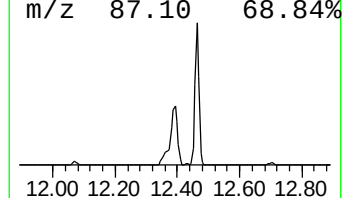
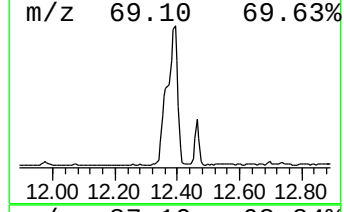
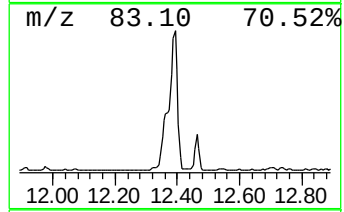
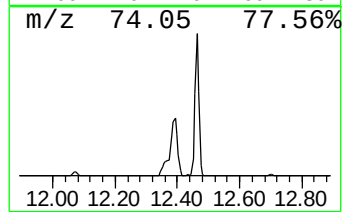
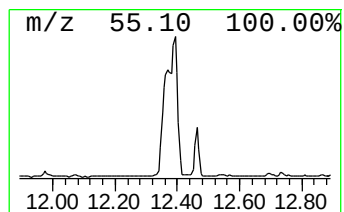
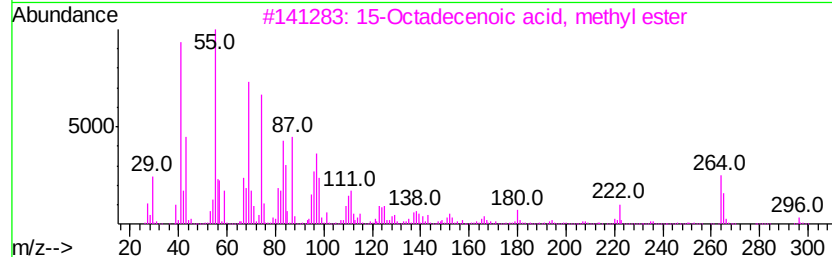
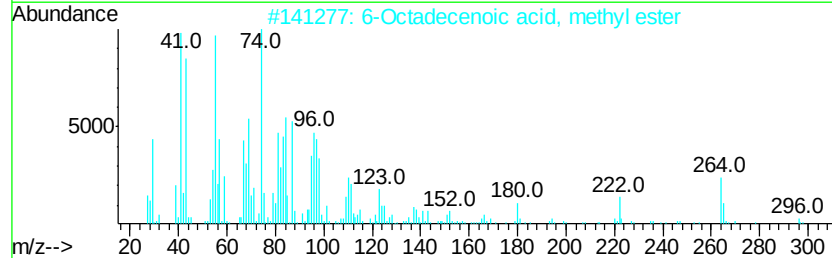
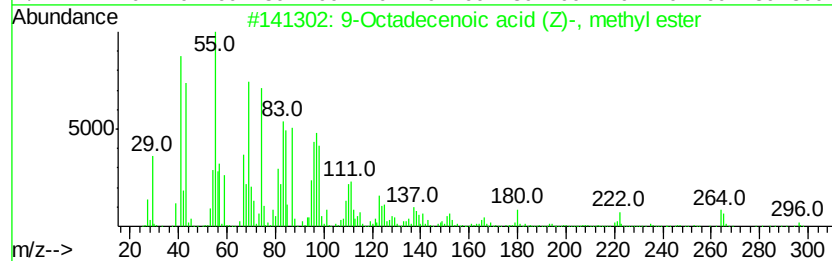
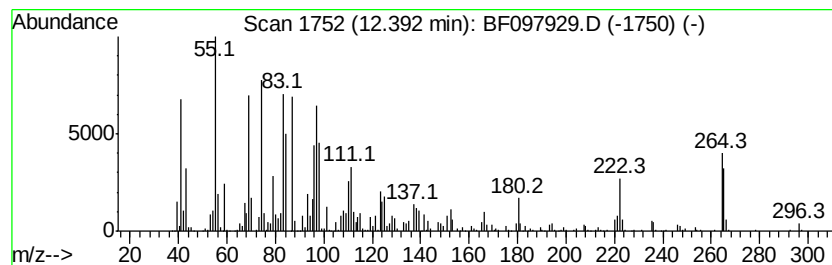
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	186.62 ng	6535120	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	94
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94
4		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94



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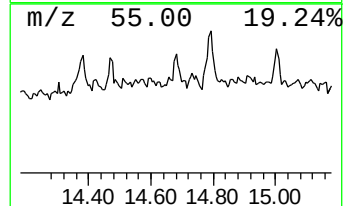
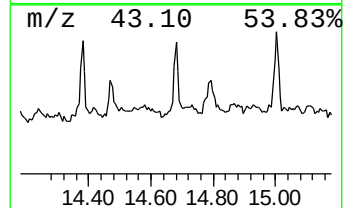
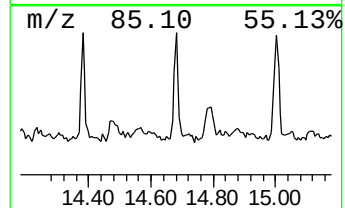
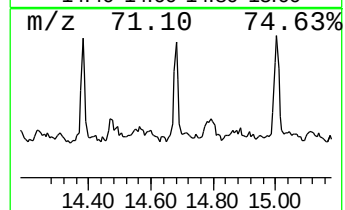
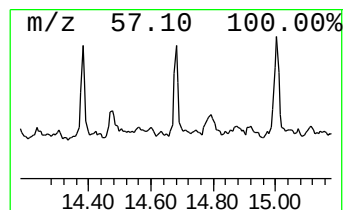
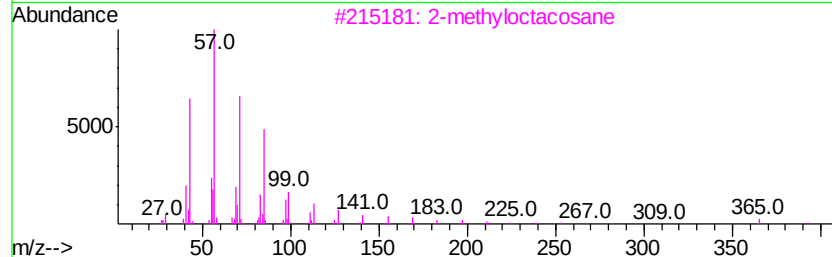
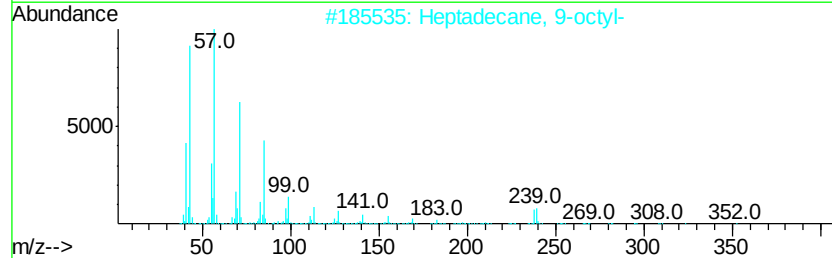
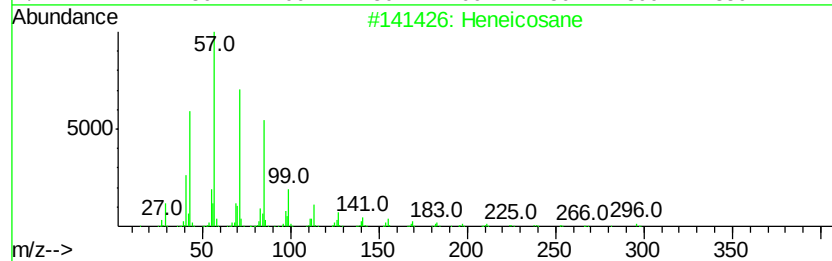
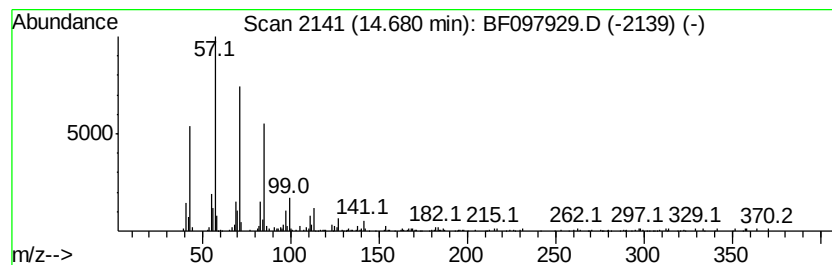
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	9.42 ng	138433	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heneicosane	296 C21H44	000629-94-7 91
2		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 91
3		2-methyloctacosane	408 C29H60	1000376-72-8 90
4		Tridecane, 6-propyl-	226 C16H34	055045-10-8 87
5		Tridecane, 7-propyl-	226 C16H34	055045-09-5 83



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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Misc :
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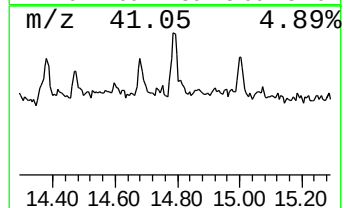
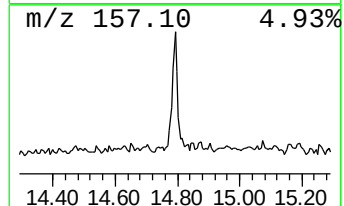
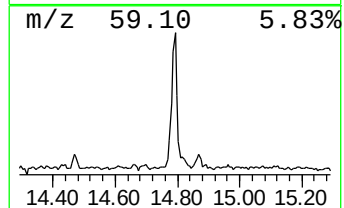
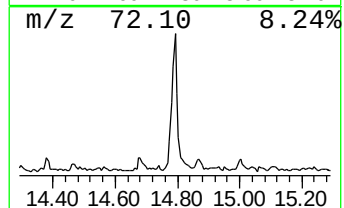
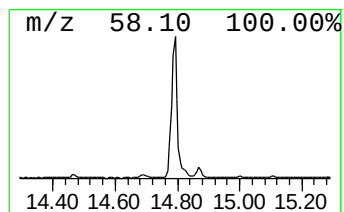
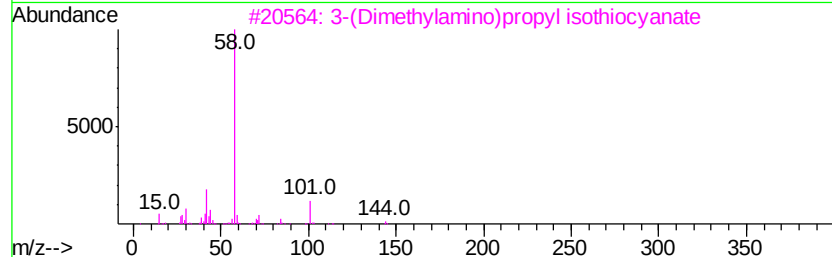
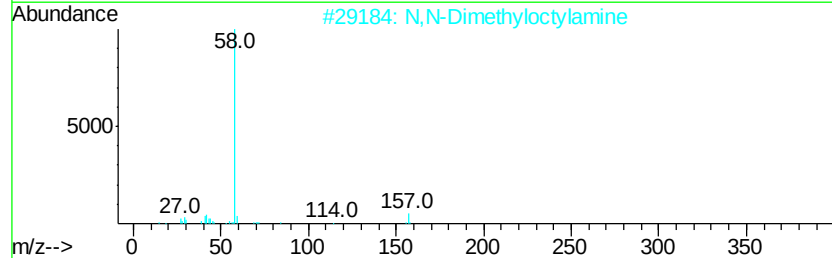
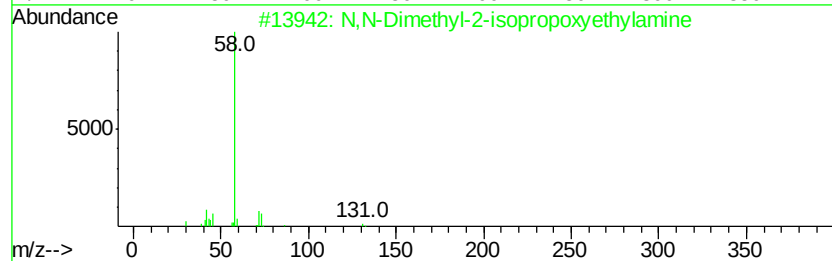
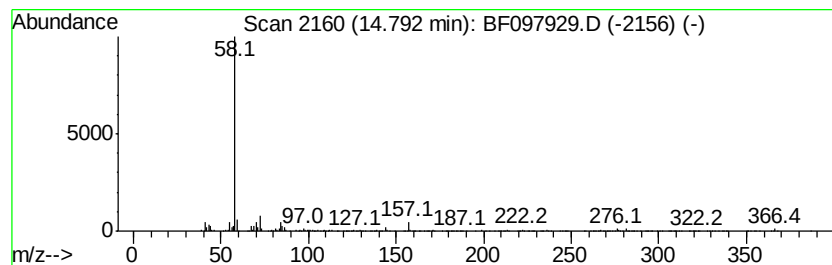
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 N,N-Dimethyl-2-isopropoxyet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	34.13 ng	501751	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyl-2-isopropoxyethylamine	131	C7H17NO	071126-59-5	72
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3		3-(Dimethylamino)propyl isothiocyanate	144	C6H12N2S	027421-70-1	72
4		[+]-2,4-Dihydroxy-3,3-dimethyl-N...	232	C11H24N2O3	1000253-94-2	72
5		Tetradonium Bromide	335	C17H38BrN	001119-97-7	64



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097929.D
Acq On : 22 Aug 2017 2:21
Operator : SJ/JU
Sample : I4892-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

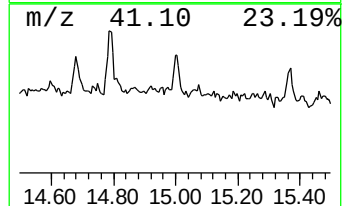
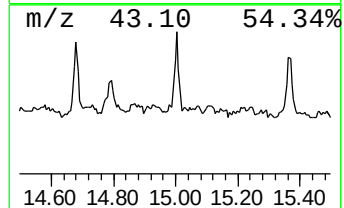
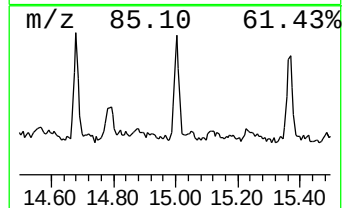
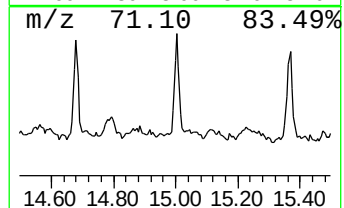
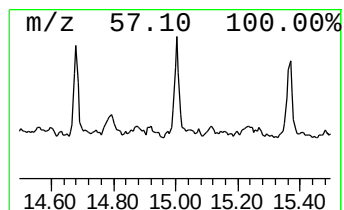
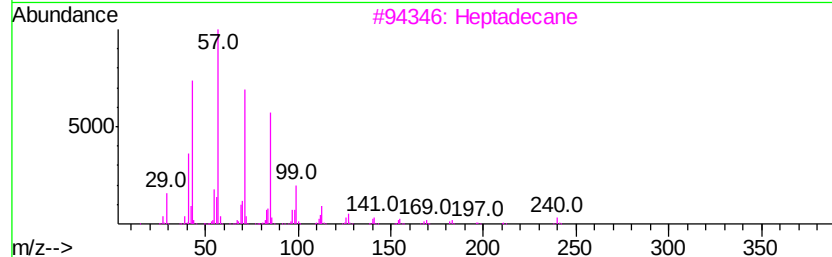
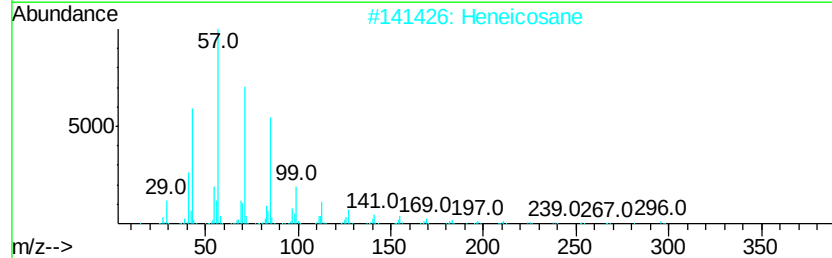
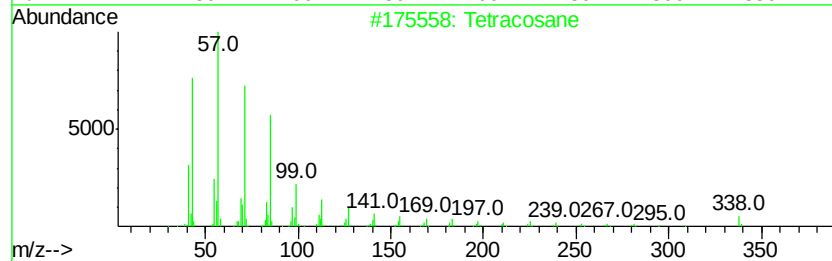
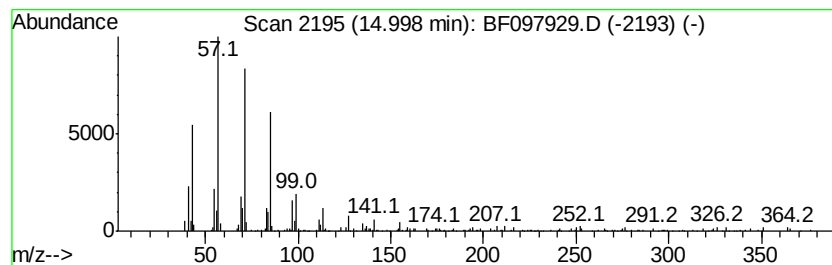
Instrument :
BNA_F
ClientSampleId :
HR-06-081817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 10-Methylnonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.00	13.55 ng	199118	Perylene-d12		15.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	10-Methylnonadecane	282	C20H42	056862-62-5	91
5	Eicosane	282	C20H42	000112-95-8	86



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097929.D
 Acq On : 22 Aug 2017 2:21
 Operator : SJ/JU
 Sample : I4892-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-081817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.51	6.51	16.9	ng	648445	1	6.75	766121	20.0
Tetradecane	6.59	17.4	ng	666552	1	6.75	766121	20.0
Octane, 2,3,6-tri...	7.06	8.4	ng	320144	1	6.75	766121	20.0
Benzene, 1-methyl...	7.15	10.9	ng	419288	1	6.75	766121	20.0
Nonane, 5-butyl-	8.63	13.8	ng	1549350	2	8.03	2253010	20.0
9-methylheptadecane	9.20	30.7	ng	1369080	3	9.79	893128	20.0
Decane, 2,3,5-tri...	9.72	18.6	ng	829784	3	9.79	893128	20.0
Hexadecane	10.22	13.1	ng	586530	3	9.79	893128	20.0
Heptadecane	10.69	19.8	ng	692867	4	11.26	700352	20.0
Heneicosane	11.14	12.0	ng	421468	4	11.26	700352	20.0
Tetracosane	11.57	9.5	ng	331895	4	11.26	700352	20.0
Hexadecanoic acid...	11.67	115.9	ng	4058540	4	11.26	700352	20.0
Heptadecane, 8-me...	11.97	9.9	ng	347407	4	11.26	700352	20.0
9,12-Octadecadien...	12.37	300.9	ng	10536500	4	11.26	700352	20.0
9-Octadecenoic ac...	12.39	186.6	ng	6535120	4	11.26	700352	20.0
Heptadecane, 9-oc...	14.68	9.4	ng	138433	6	15.32	293982	20.0
N,N-Dimethyl-2-is...	14.79	34.1	ng	501751	6	15.32	293982	20.0
10-Methylnonadecane	15.00	13.6	ng	199118	6	15.32	293982	20.0