

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097343.D
 Acq On : 4 Aug 2017 3:36
 Operator : SJ/JU
 Sample : I4562-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-D

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-BF072517.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	5.051	534	538	557	rBV	118251	201383	17.02%	1.159%
2	6.122	717	720	728	rBV	138913	189876	16.04%	1.093%
3	6.222	734	737	747	rVB	173978	205766	17.39%	1.184%
4	6.445	772	775	779	rBV	609723	532020	44.95%	3.062%
5	6.604	796	802	806	rBV	153337	167926	14.19%	0.966%
6	6.998	862	869	870	rBV5	22351	42019	3.55%	0.242%
7	7.016	870	872	875	rVV	99683	92613	7.83%	0.533%
8	7.069	878	881	884	rVV	141694	112382	9.50%	0.647%
9	7.110	886	888	891	rVB2	30320	30152	2.55%	0.174%
10	7.257	910	913	919	rBV	86134	83880	7.09%	0.483%
11	7.369	925	932	935	rBV5	86086	110872	9.37%	0.638%
12	7.440	941	944	947	rBV2	37871	42315	3.58%	0.244%
13	7.475	947	950	953	rBV3	72252	74525	6.30%	0.429%
14	7.510	953	956	960	rVB2	91446	103640	8.76%	0.596%
15	7.551	960	963	964	rBV	93009	77835	6.58%	0.448%
16	7.569	964	966	969	rVB2	60337	55331	4.68%	0.318%
17	7.634	975	977	981	rVB3	43368	42691	3.61%	0.246%
18	7.698	983	988	989	rBV3	38766	52982	4.48%	0.305%
19	7.734	989	994	997	rBV2	1086864	1183491	100.00%	6.811%
20	7.769	997	1000	1001	rVV2	38536	45851	3.87%	0.264%
21	7.816	1005	1008	1010	rBV	225835	172234	14.55%	0.991%
22	7.863	1014	1016	1019	rVB	58038	47697	4.03%	0.274%
23	7.910	1019	1024	1025	rBV3	61443	80449	6.80%	0.463%
24	7.945	1028	1030	1033	rVB2	62766	51774	4.37%	0.298%
25	7.975	1033	1035	1038	rBV3	40882	42627	3.60%	0.245%
26	8.034	1040	1045	1047	rVV5	101666	131659	11.12%	0.758%
27	8.063	1047	1050	1053	rVB2	88462	103598	8.75%	0.596%
28	8.092	1053	1055	1058	rBV2	127142	109129	9.22%	0.628%
29	8.128	1058	1061	1064	rVB3	179995	160461	13.56%	0.923%
30	8.175	1065	1069	1076	rBV	396958	450921	38.10%	2.595%
31	8.234	1076	1079	1082	rVB	104380	78984	6.67%	0.455%
32	8.275	1083	1086	1088	rBV3	69018	60447	5.11%	0.348%
33	8.339	1093	1097	1101	rBV	829874	786506	66.46%	4.526%
34	8.387	1101	1105	1109	rVV5	127183	205548	17.37%	1.183%

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35	8.434	1109	1113	1117	rVB3	148649	245979	20.78%	1.416%
36	8.481	1117	1121	1122	rBV3	58032	83102	7.02%	0.478%
37	8.498	1122	1124	1126	rVV2	35223	30243	2.56%	0.174%
38	8.551	1128	1133	1135	rBV3	157368	168862	14.27%	0.972%
39	8.622	1140	1145	1147	rBV2	158550	187825	15.87%	1.081%
40	8.639	1147	1148	1151	rVV2	154532	126182	10.66%	0.726%
41	8.669	1151	1153	1156	rVV2	119051	106500	9.00%	0.613%
42	8.704	1156	1159	1162	rVB2	191865	181800	15.36%	1.046%
43	8.745	1162	1166	1168	rBV3	218332	240921	20.36%	1.387%
44	8.769	1168	1170	1173	rVV	474239	376809	31.84%	2.169%
45	8.804	1173	1176	1178	rVB	193935	173605	14.67%	0.999%
46	8.869	1184	1187	1188	rBV2	37480	43758	3.70%	0.252%
47	8.904	1188	1193	1198	rVV	1092078	943793	79.75%	5.432%
48	8.951	1198	1201	1204	rBV2	116819	126799	10.71%	0.730%
49	8.975	1204	1205	1208	rVB2	98308	79017	6.68%	0.455%
50	9.010	1208	1211	1215	rVB4	83742	114387	9.67%	0.658%
51	9.069	1216	1221	1222	rBV4	96994	142831	12.07%	0.822%
52	9.110	1226	1228	1231	rBV3	42277	39335	3.32%	0.226%
53	9.157	1233	1236	1238	rBV	115365	116144	9.81%	0.668%
54	9.181	1238	1240	1242	rVB2	159606	119981	10.14%	0.690%
55	9.222	1242	1247	1249	rBV2	434018	563995	47.66%	3.246%
56	9.281	1255	1257	1259	rVB	129659	98866	8.35%	0.569%
57	9.304	1259	1261	1263	rVB3	56305	40353	3.41%	0.232%
58	9.328	1263	1265	1267	rBV3	59504	54520	4.61%	0.314%
59	9.428	1279	1282	1285	rBV	928336	741483	62.65%	4.267%
60	9.469	1285	1289	1295	rVB2	750330	719894	60.83%	4.143%
61	9.592	1308	1310	1315	rVB5	56600	78120	6.60%	0.450%
62	9.657	1315	1321	1324	rVV3	124076	191966	16.22%	1.105%
63	9.686	1324	1326	1329	rVV2	115738	111929	9.46%	0.644%
64	9.716	1329	1331	1333	rVV	64495	56545	4.78%	0.325%
65	9.745	1333	1336	1340	rVB	190488	181715	15.35%	1.046%
66	9.786	1340	1343	1350	rBV4	82306	158744	13.41%	0.914%
67	9.839	1350	1352	1355	rBV3	46654	65696	5.55%	0.378%
68	9.875	1355	1358	1361	rVB3	54020	57368	4.85%	0.330%
69	9.922	1363	1366	1371	rVB	507031	455074	38.45%	2.619%
70	10.039	1384	1386	1390	rVB4	48803	46927	3.97%	0.270%
71	10.145	1399	1404	1407	rBV	170588	198552	16.78%	1.143%

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72	10.228	1415	1418	1420	rVB	38986	34483	2.91%	0.198%
73	10.257	1420	1423	1427	rVB3	118155	117838	9.96%	0.678%
74	10.392	1443	1446	1452	rBV	350235	450058	38.03%	2.590%
75	10.586	1476	1479	1482	rBV4	36416	48804	4.12%	0.281%
76	10.675	1492	1494	1498	rVV2	26092	31110	2.63%	0.179%
77	10.716	1498	1501	1505	rVB3	28605	35299	2.98%	0.203%
78	10.839	1519	1522	1524	rBV	232850	185839	15.70%	1.070%
79	10.869	1524	1527	1531	rVB	114530	108158	9.14%	0.622%
80	10.939	1536	1539	1542	rBV	567496	516856	43.67%	2.975%
81	10.963	1542	1543	1549	rVB2	40870	43588	3.68%	0.251%
82	11.216	1583	1586	1590	rVB	28883	31394	2.65%	0.181%
83	11.263	1591	1594	1598	rVB	164942	131270	11.09%	0.755%
84	11.551	1641	1643	1647	rBV4	28891	31226	2.64%	0.180%
85	11.669	1659	1663	1667	rVB	112985	113544	9.59%	0.653%
86	12.057	1723	1729	1732	rBV2	87213	119079	10.06%	0.685%
87	12.145	1741	1744	1748	rVB	152401	138175	11.68%	0.795%
88	12.369	1778	1782	1785	rBV	138398	141969	12.00%	0.817%
89	12.422	1788	1791	1794	rBV	77584	66981	5.66%	0.385%
90	12.522	1805	1808	1818	rVB	174606	169874	14.35%	0.978%
91	12.698	1836	1838	1842	rVB2	26954	29714	2.51%	0.171%
92	12.774	1848	1851	1854	rVV2	81512	83917	7.09%	0.483%
93	13.116	1906	1909	1912	rBV	85853	82263	6.95%	0.473%
94	13.322	1941	1944	1948	rBV6	40338	76713	6.48%	0.441%
95	13.445	1962	1965	1969	rVB	64583	64846	5.48%	0.373%
96	13.563	1981	1985	1988	rBV	493935	502284	42.44%	2.891%
97	14.216	2094	2096	2099	rBV3	65714	73301	6.19%	0.422%
98	14.351	2117	2119	2123	rBV	64568	76345	6.45%	0.439%
99	14.557	2152	2154	2159	rBV	65404	98417	8.32%	0.566%
100	14.904	2210	2213	2218	rBV	291107	373561	31.56%	2.150%

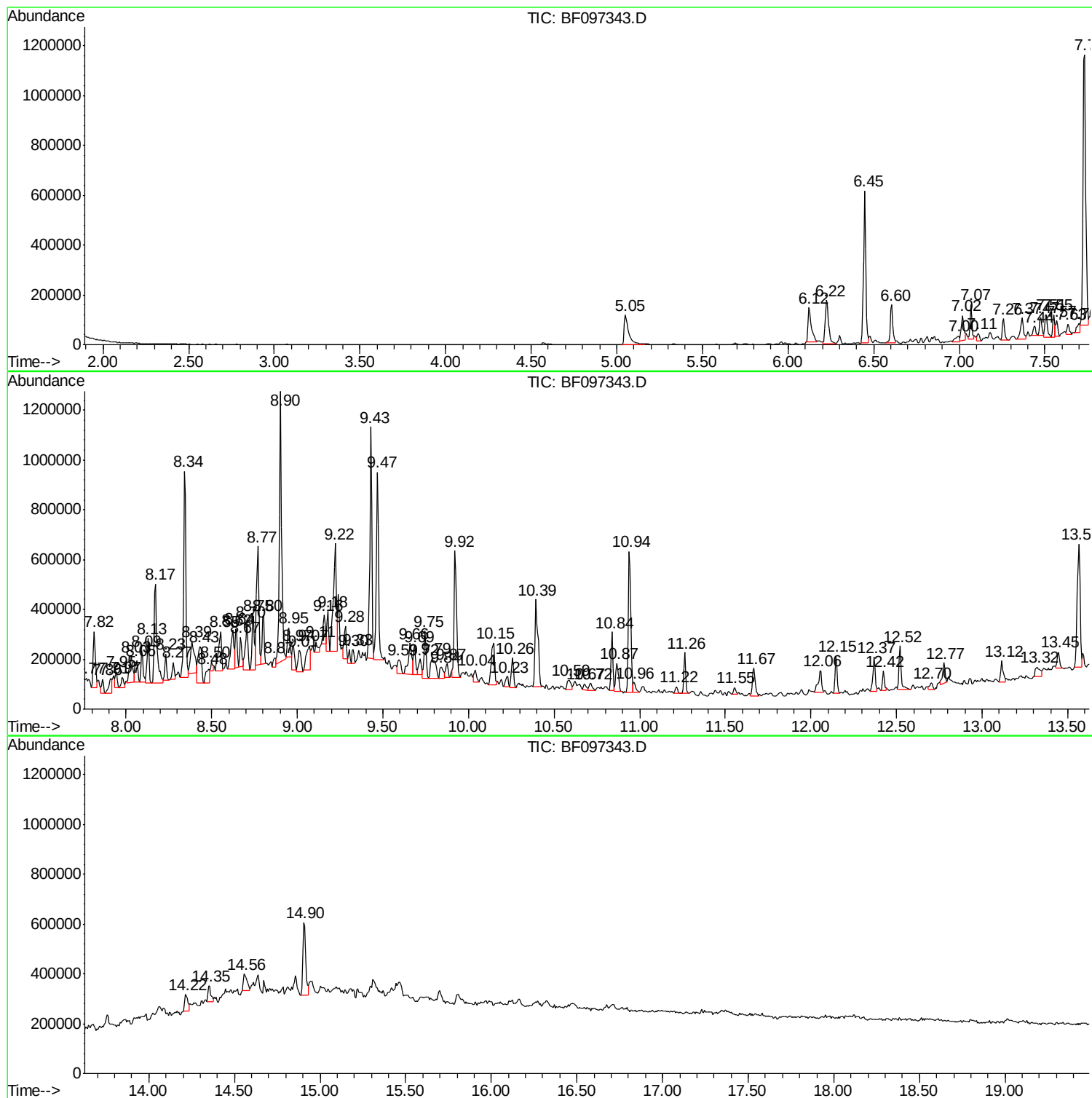
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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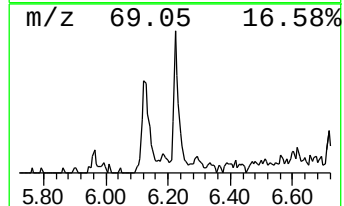
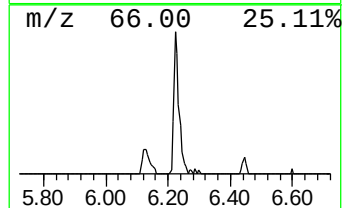
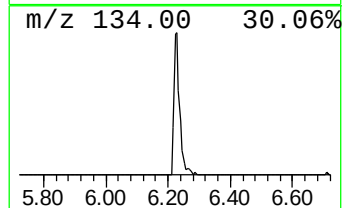
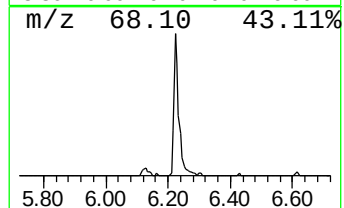
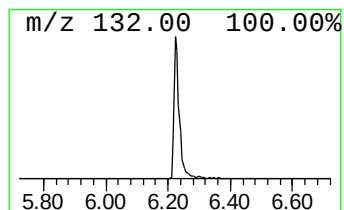
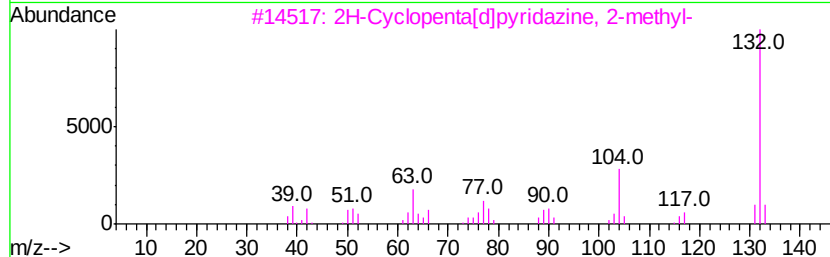
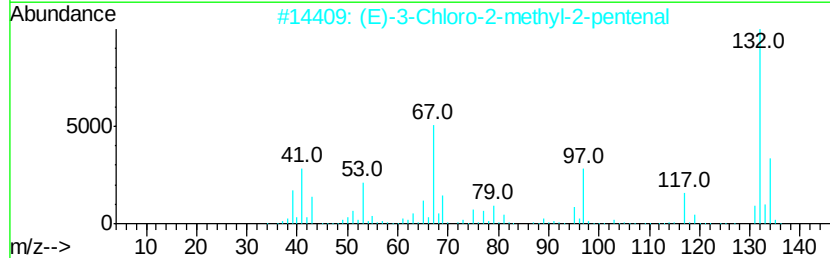
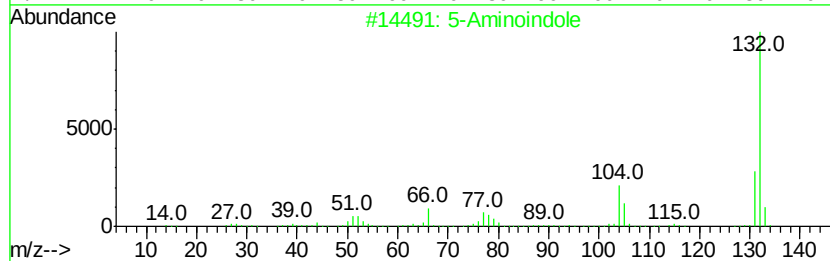
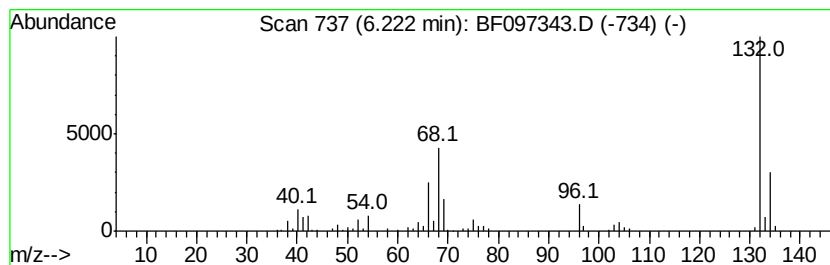
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.22 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	7.74 ng	205766	1,4-Dichlorobenzene-d4	6.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	10
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			1-Aminoindan	133	C9H11N	034698-41-4	9



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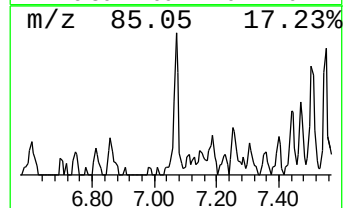
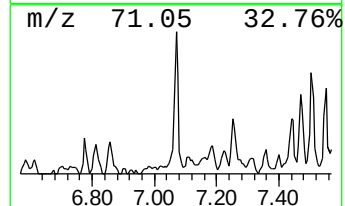
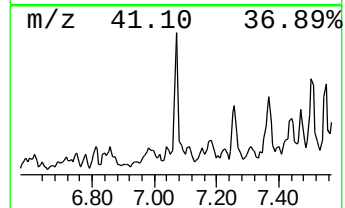
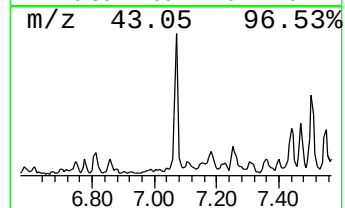
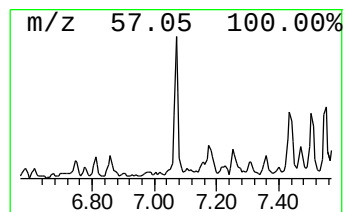
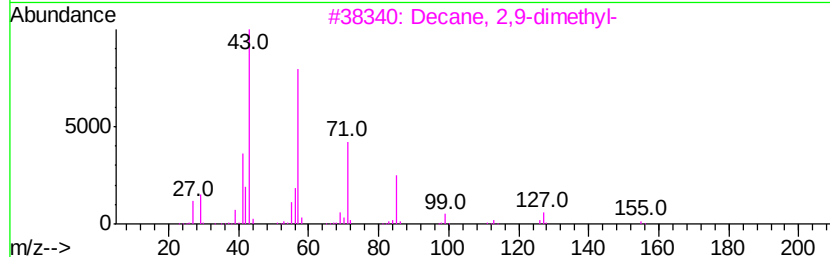
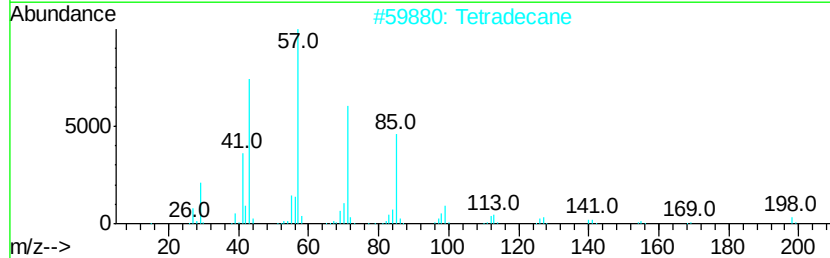
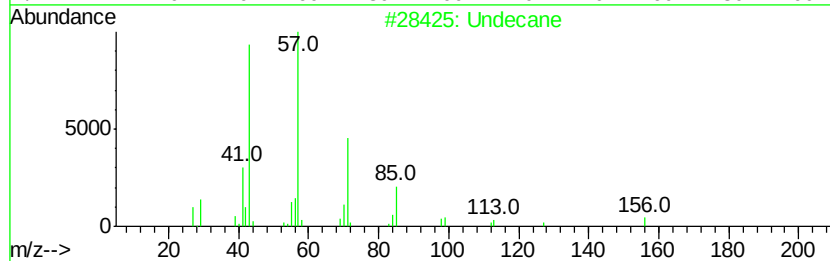
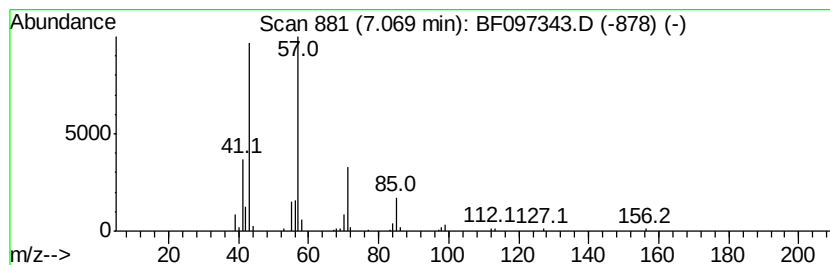
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Undecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	4.22 ng	112382	1,4-Dichlorobenzene-d4	6.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	83
2	Tetradecane		198	C14H30	000629-59-4	78
3	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	64
4	Decane, 2,6,7-trimethyl-		184	C13H28	062108-25-2	59
5	Sulfurous acid, isobutyl pentyl ...		208	C9H20O3S	1000309-13-8	59



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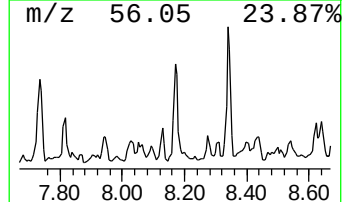
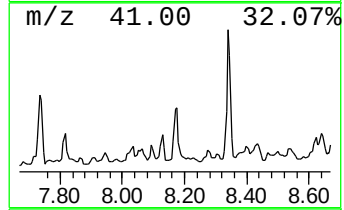
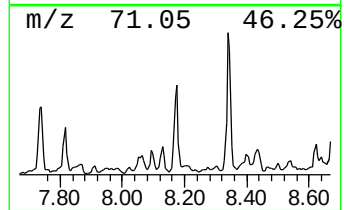
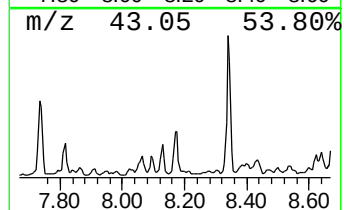
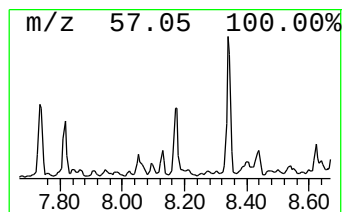
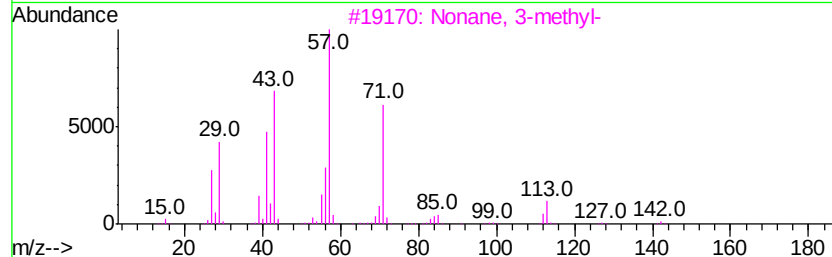
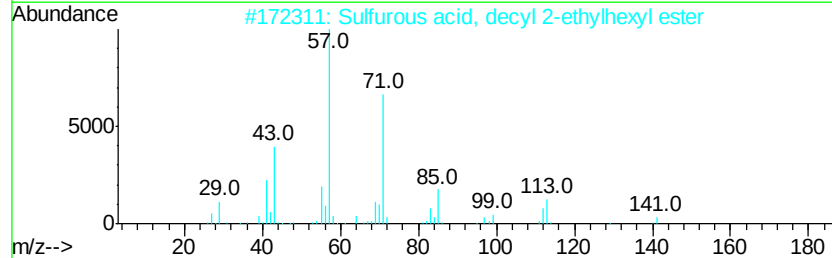
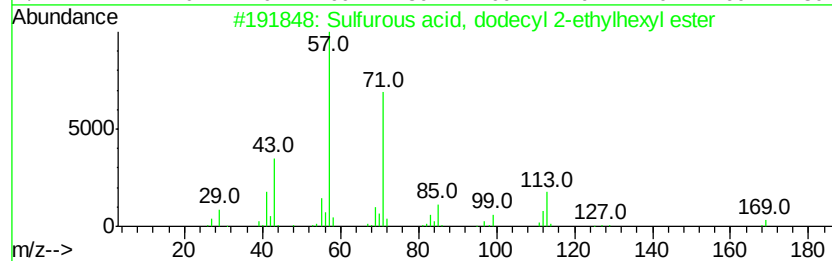
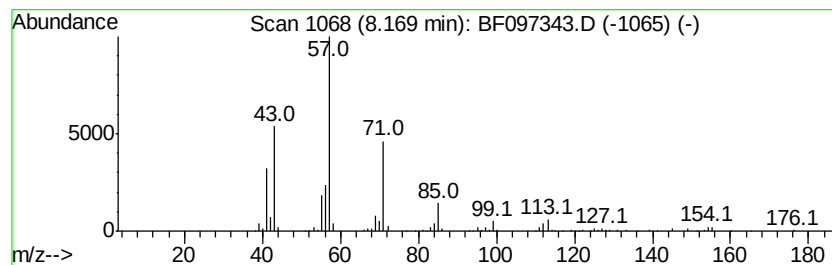
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Peak Number 4 Sulfurous acid, dodecyl 2-e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.62 ng	450921	Napthalene-d8	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5		Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	53



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Operator : SJ/JU
Sample : I4562-10 10X
Misc :
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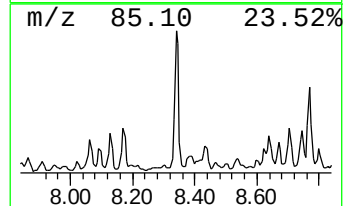
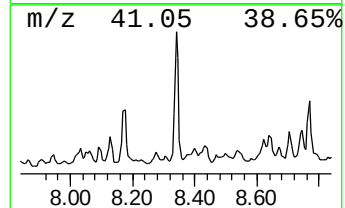
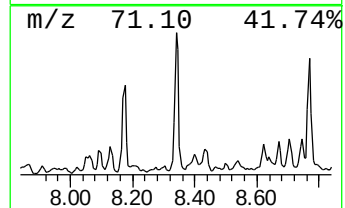
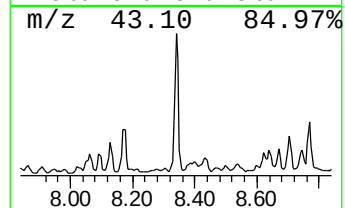
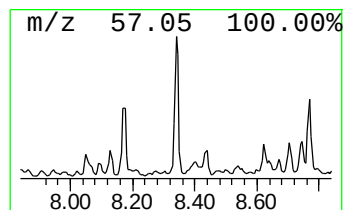
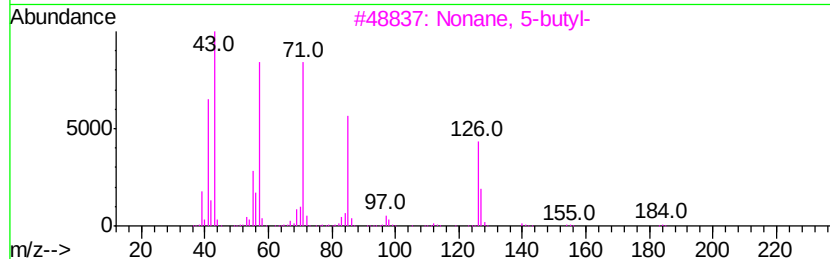
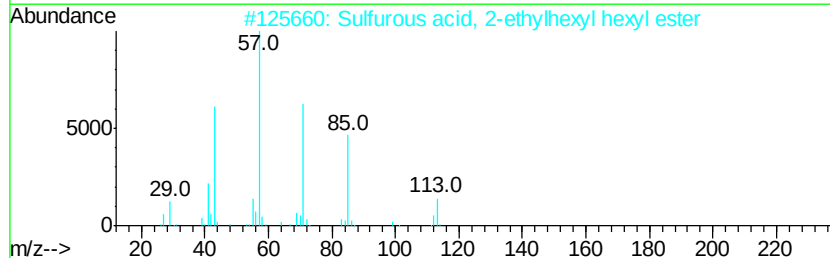
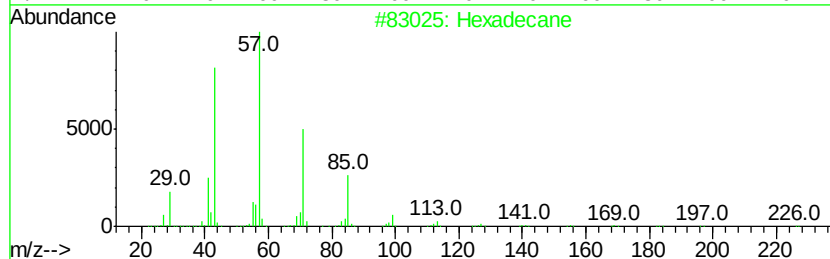
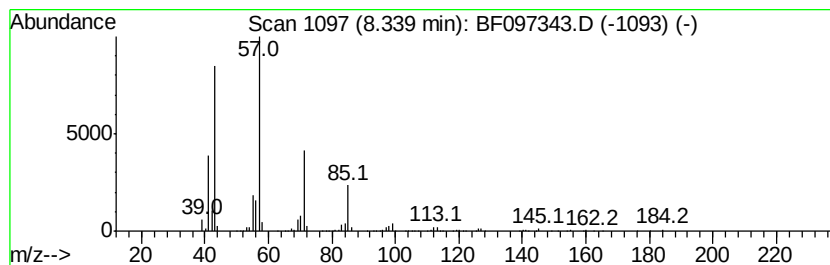
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	13.29 ng	786506	Naphthalene-d8	7.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	72
3	Nonane, 5-butyl-		184	C13H28	017312-63-9	72
4	Dodecane		170	C12H26	000112-40-3	72
5	Sulfurous acid, 2-propyl tetradec...		320	C17H36O3S	1000309-12-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
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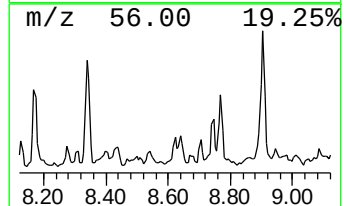
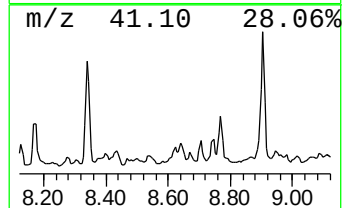
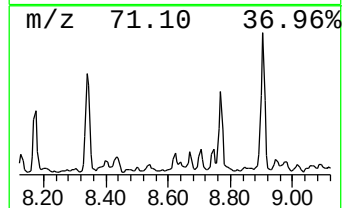
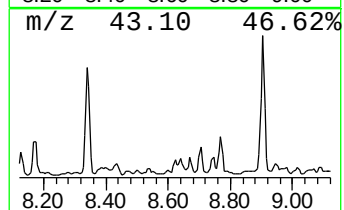
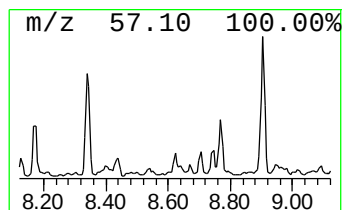
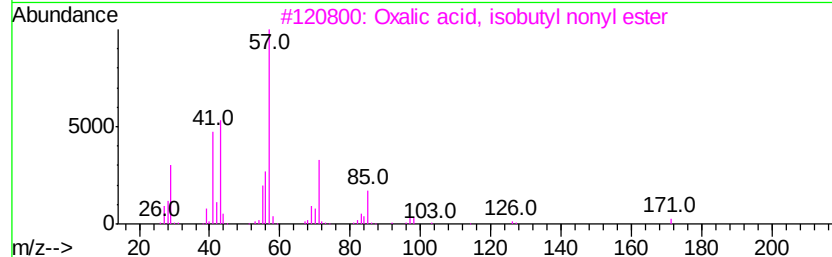
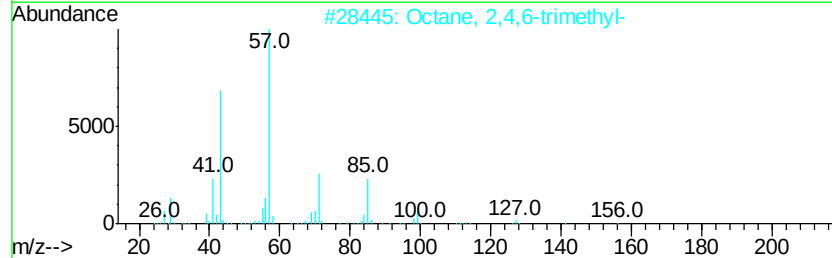
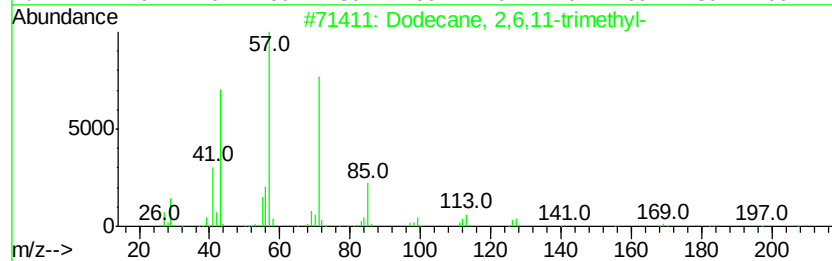
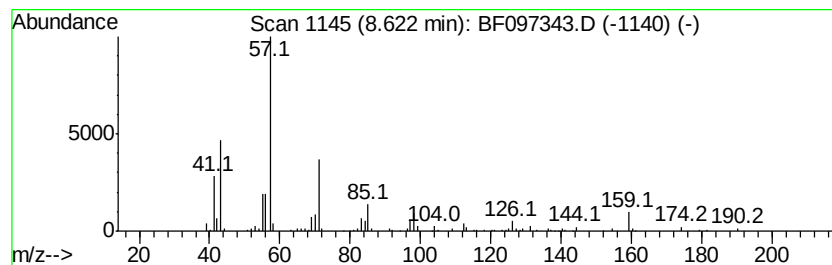
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	5.22 ng	187825	Acenaphthene-d10	9.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	59
2	Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9	50
3	Oxalic acid, isobutyl nonyl ester	272 C15H28O4	1000309-37-4	47
4	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	47
5	Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
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Operator : SJ/JU
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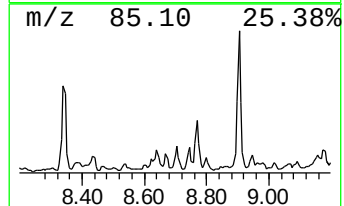
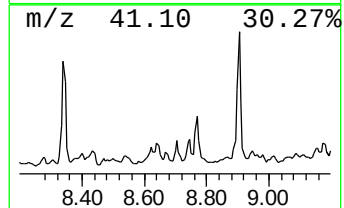
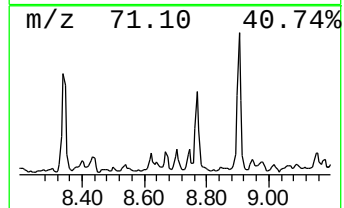
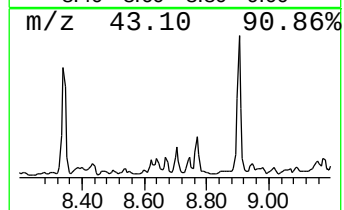
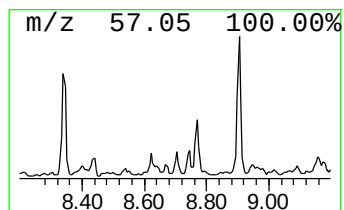
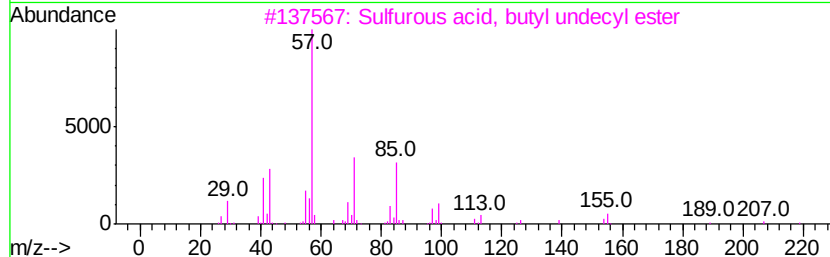
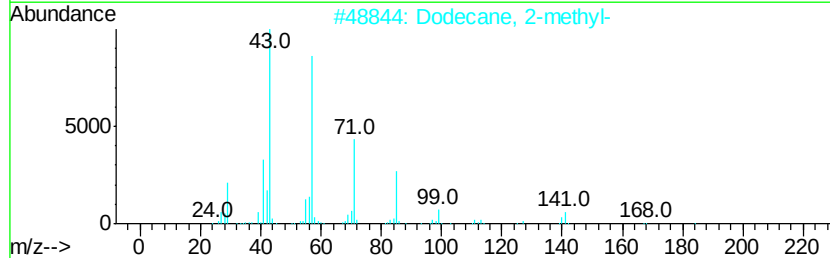
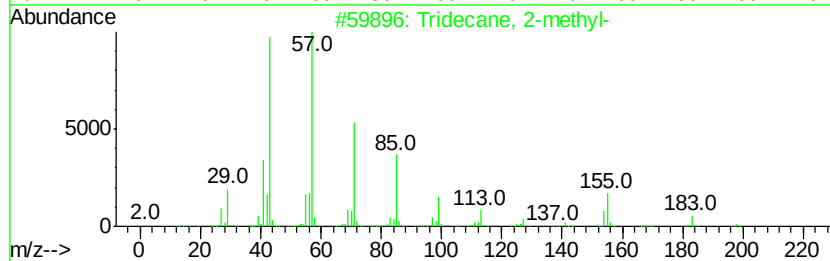
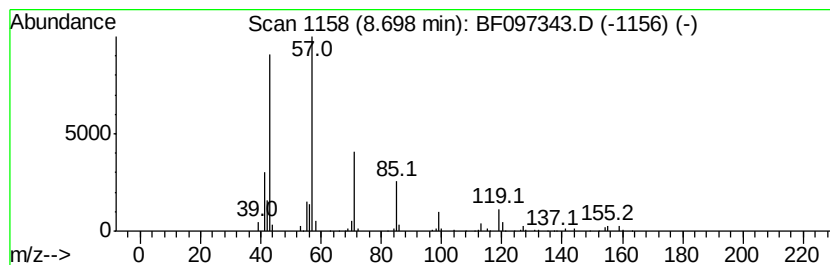
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	5.05 ng	181800	Acenaphthene-d10	9.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
3			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
4			1-Iodoundecane	282	C11H23I	004282-44-4	64
5			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097343.D
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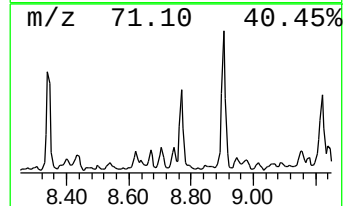
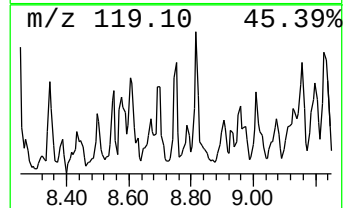
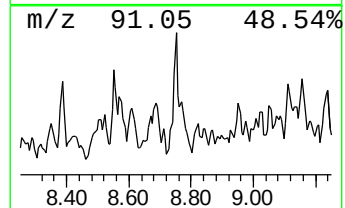
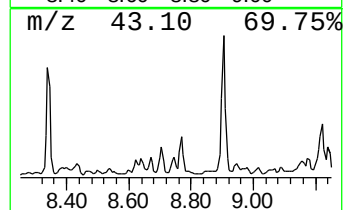
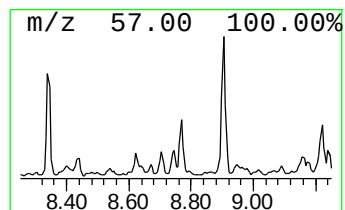
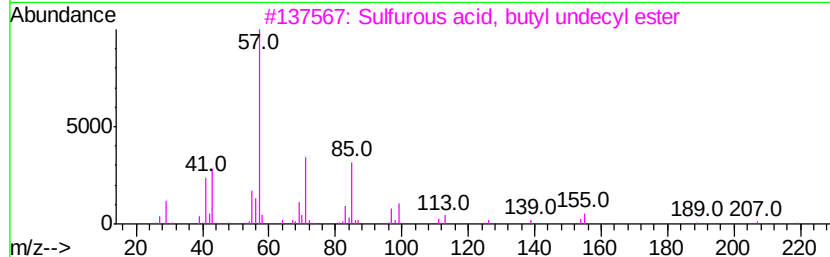
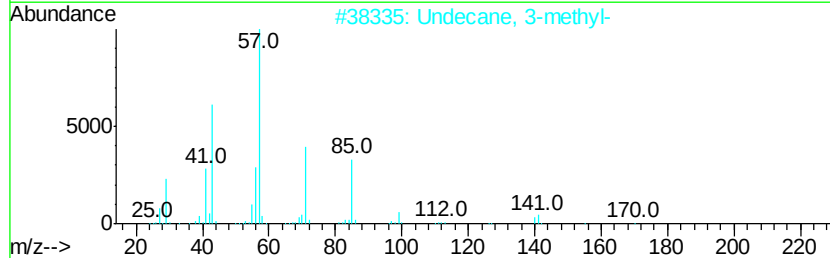
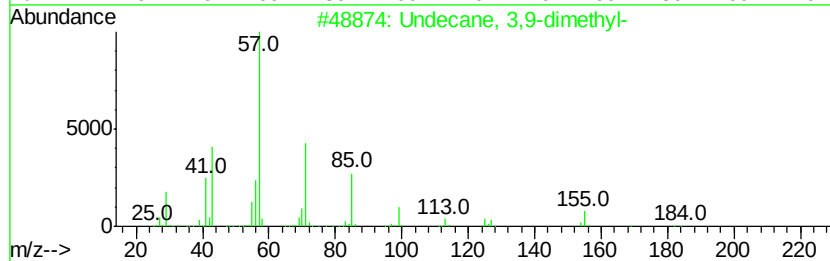
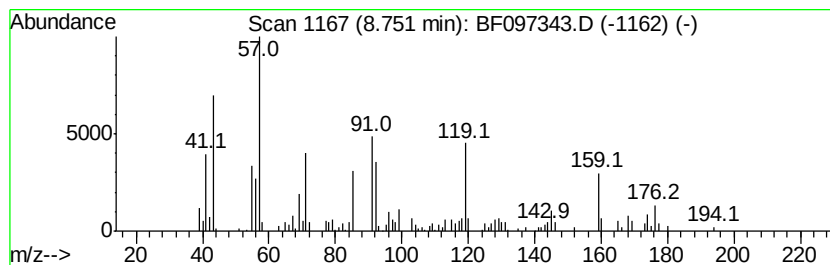
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane, 3,9-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	6.69 ng	240921	Acenaphthene-d10	9.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane,	3,9-dimethyl-		184	C13H28	017301-31-4	59
2	Undecane,	3-methyl-		170	C12H26	001002-43-3	53
3	Sulfurous acid,	butyl undecyl ester		292	C15H32O3S	1000309-17-8	50
4	Tridecane,	3-methyl-		198	C14H30	006418-41-3	47
5	Dodecane,	2-methyl-		184	C13H28	001560-97-0	43



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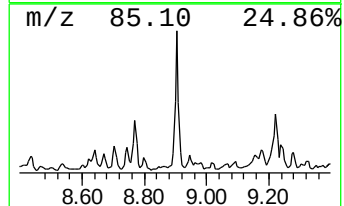
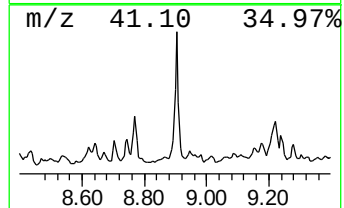
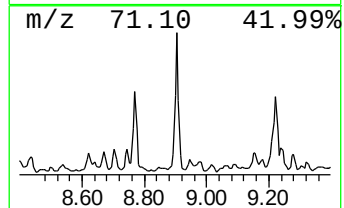
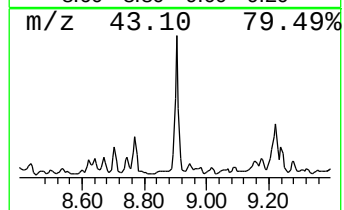
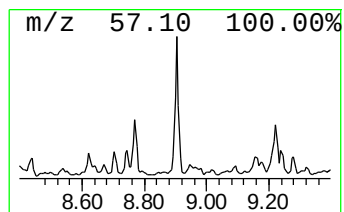
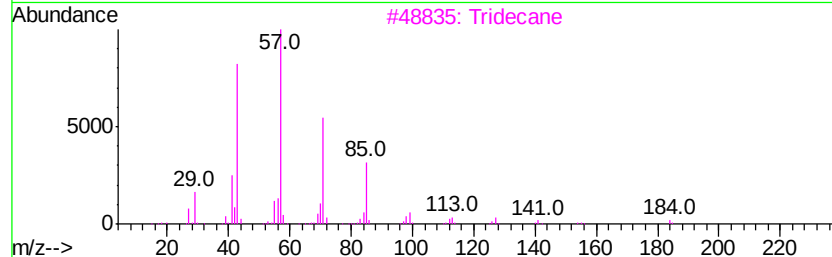
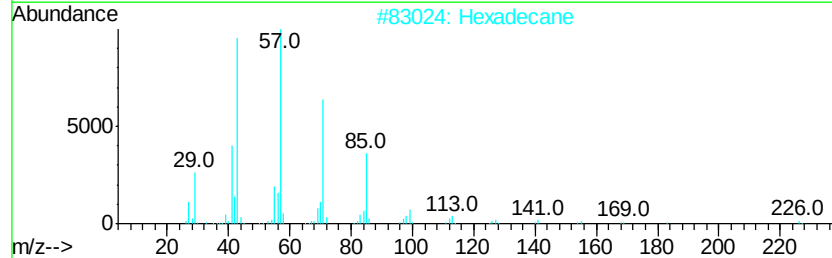
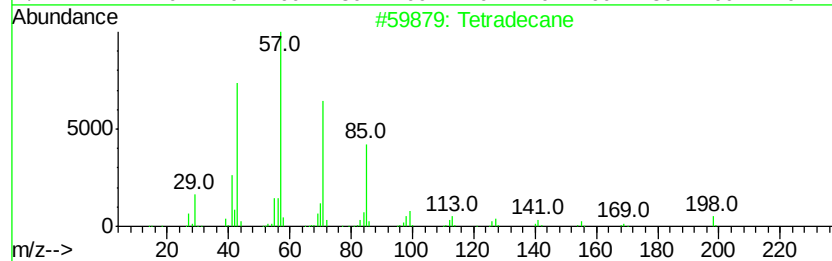
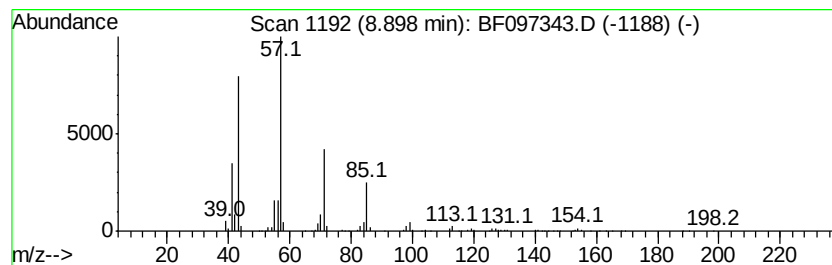
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	26.22 ng	943793	Acenaphthene-d10	9.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tridecane	184	C13H28	000629-50-5	80
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
5		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097343.D
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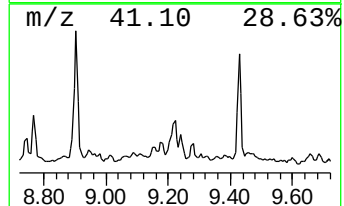
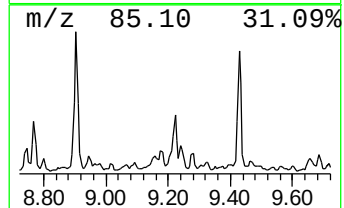
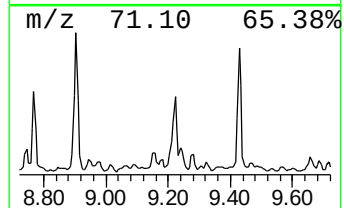
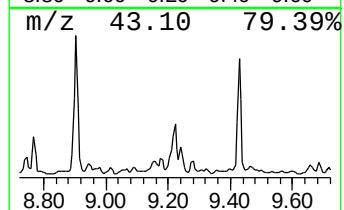
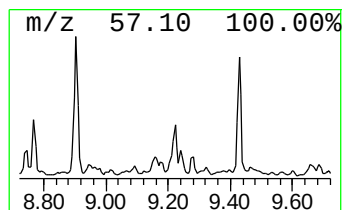
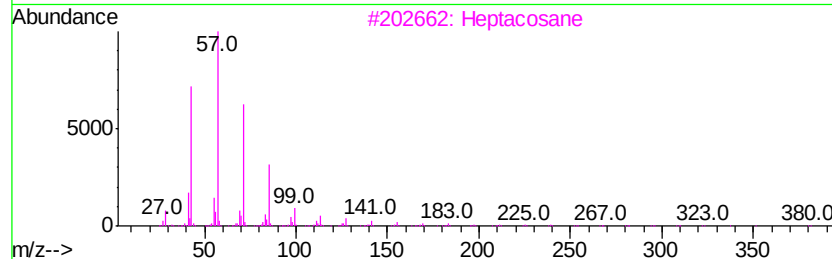
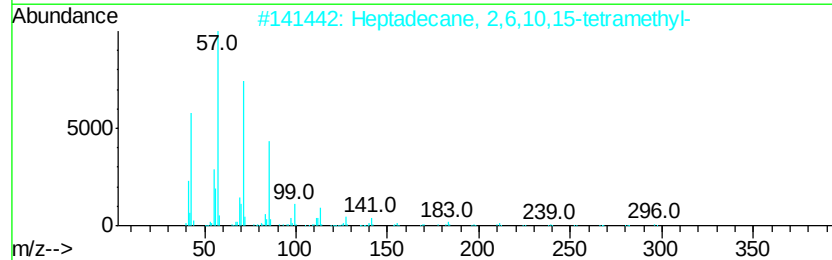
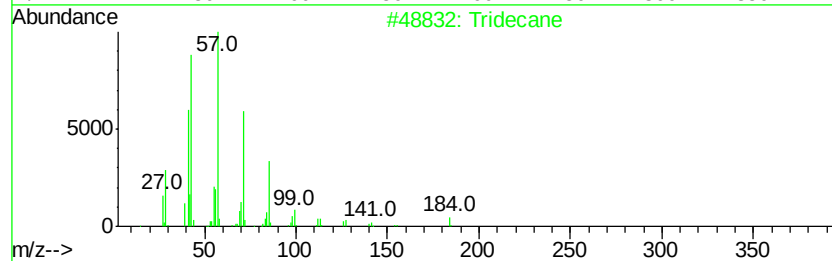
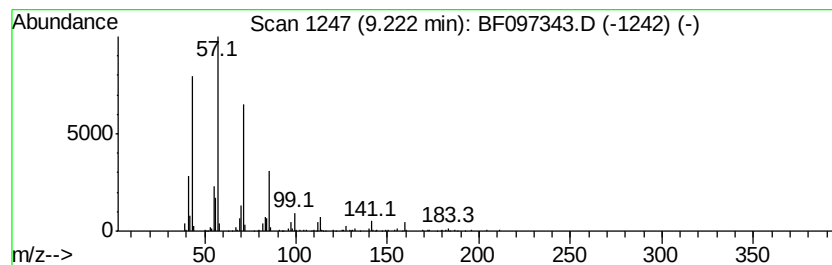
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	15.67 ng	563995	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Heptacosane	380	C27H56	000593-49-7	86
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
5		Decane, 5-propyl-	184	C13H28	017312-62-8	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
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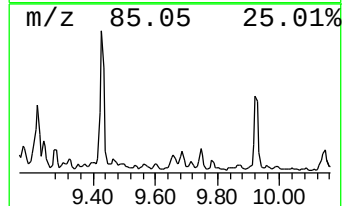
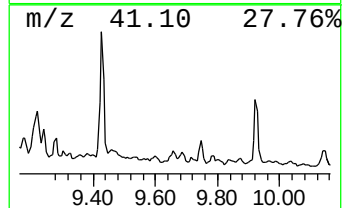
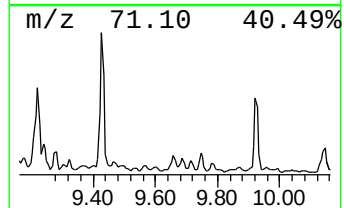
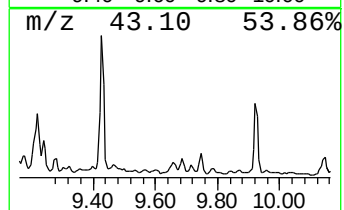
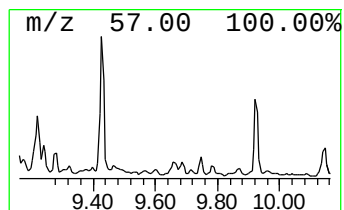
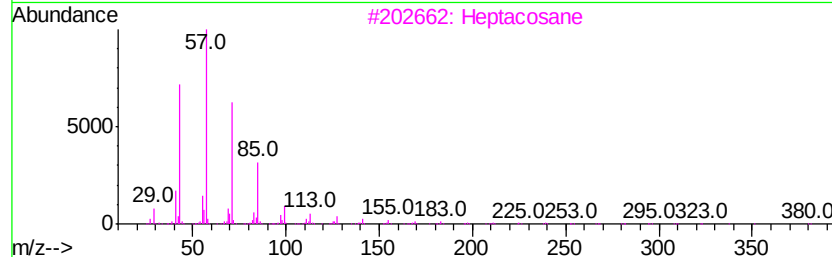
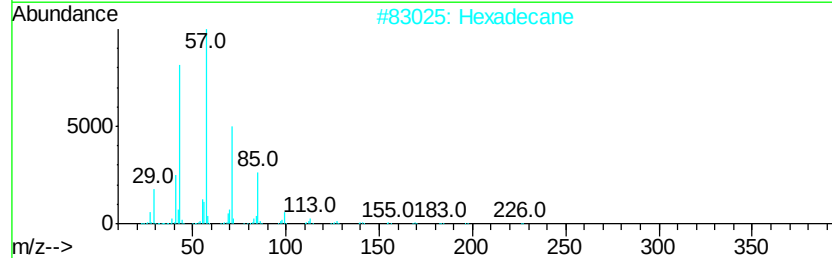
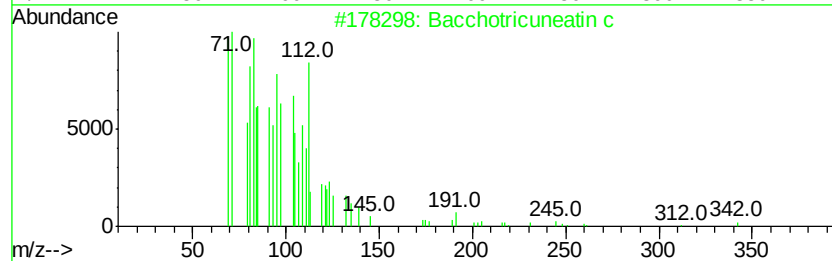
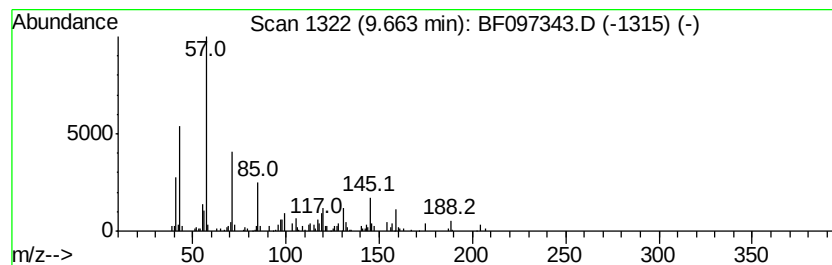
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	5.33 ng	191966	Acenaphthene-d10	9.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	91
2			Hexadecane	226	C16H34	000544-76-3	52
3			Heptacosane	380	C27H56	000593-49-7	50
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097343.D
Acq On : 4 Aug 2017 3:36
Operator : SJ/JU
Sample : I4562-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-080117-D

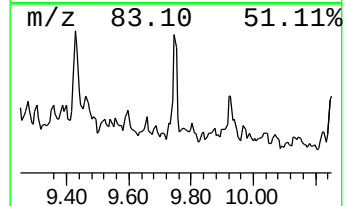
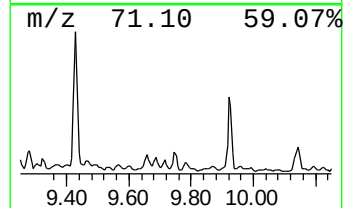
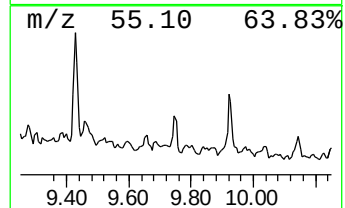
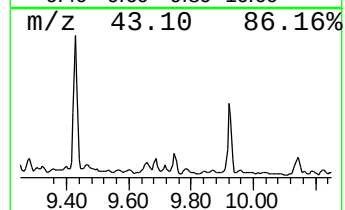
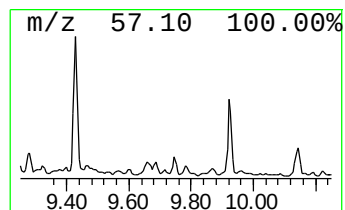
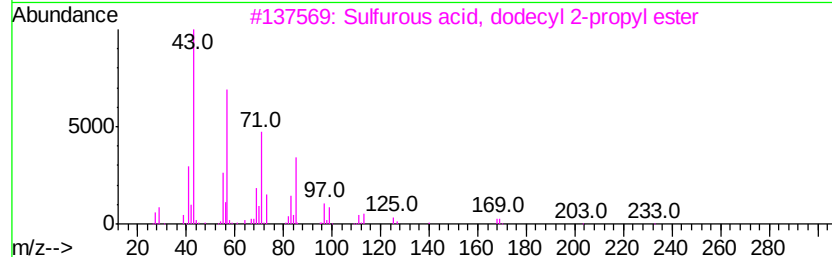
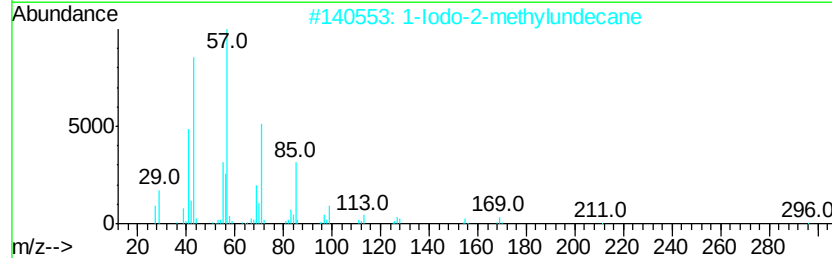
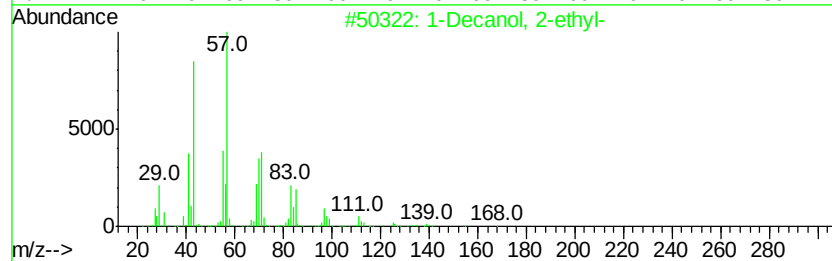
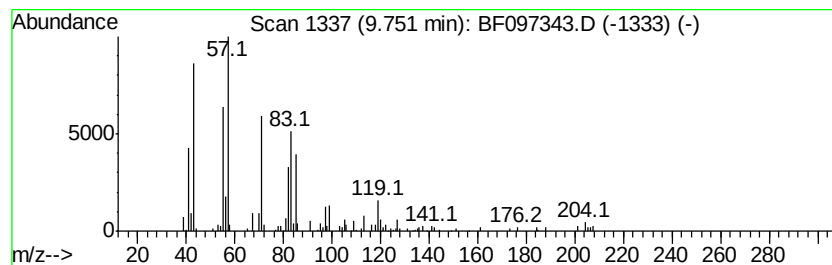
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Decanol, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	5.05 ng	181715	Acenaphthene-d10	9.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	80
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	58
3			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	50
4			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
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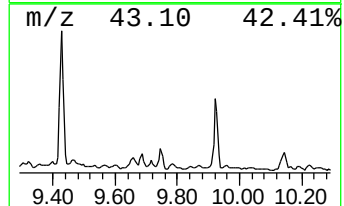
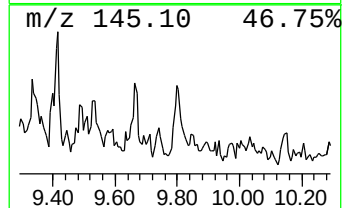
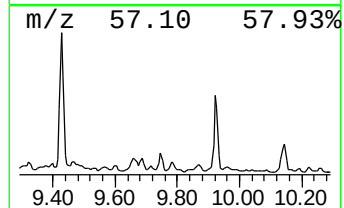
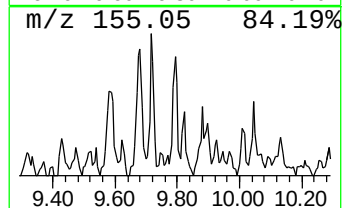
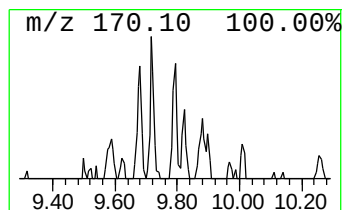
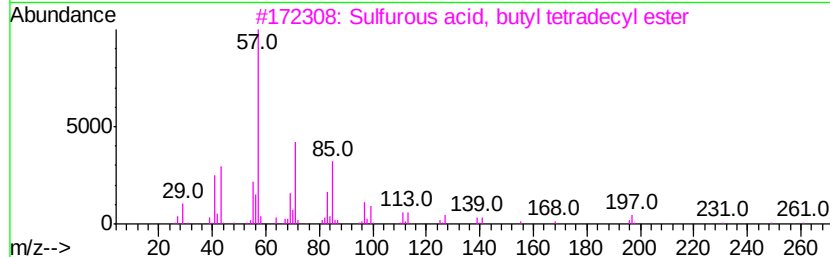
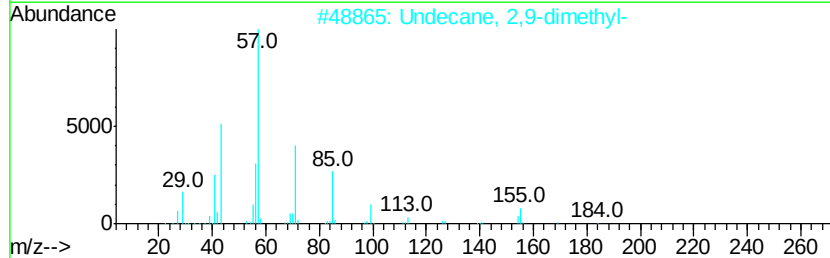
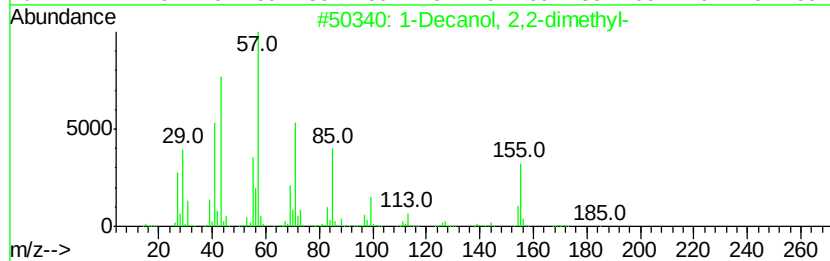
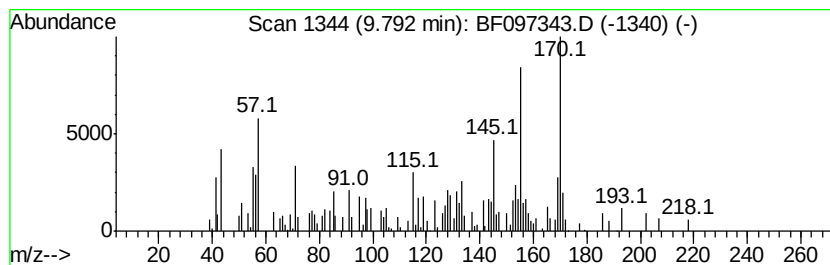
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.79 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.41 ng	158744	Acenaphthene-d10	9.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2,2-dimethyl-	186	C12H26O	002370-15-2	47
2		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	38
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	38
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
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Sample : I4562-10 10X
Misc :
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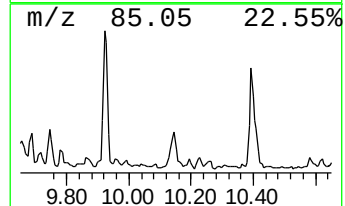
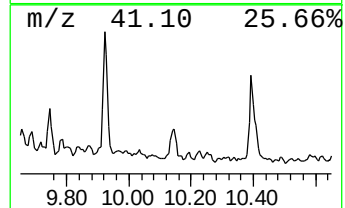
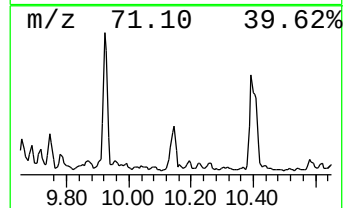
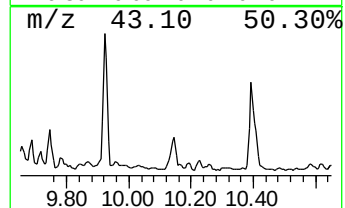
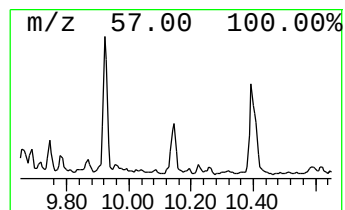
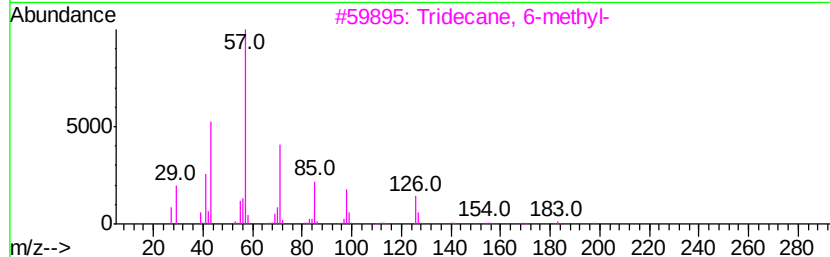
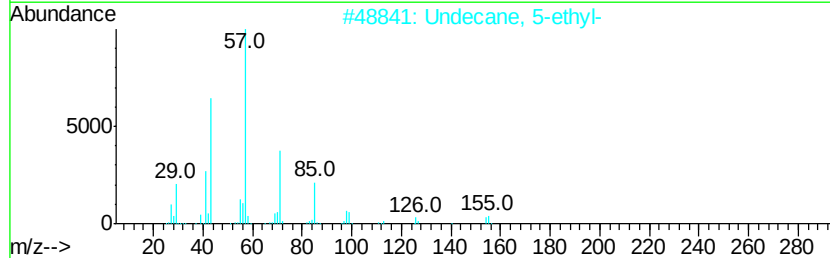
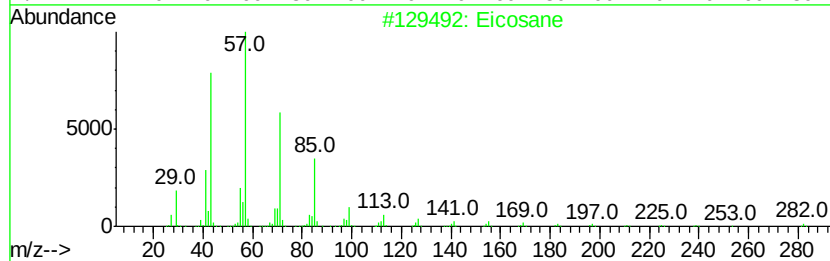
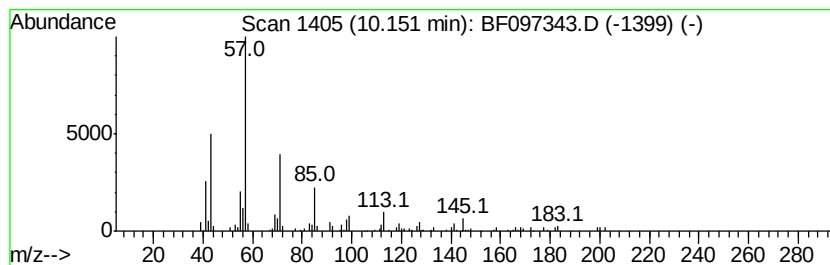
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	5.52 ng	198552	Acenaphthene-d10	9.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	83
2	Undecane, 5-ethyl-	184 C13H28	017453-94-0	78
3	Tridecane, 6-methyl-	198 C14H30	013287-21-3	72
4	Tridecane, 3-methyl-	198 C14H30	006418-41-3	72
5	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
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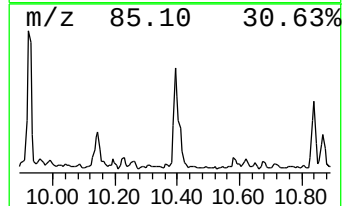
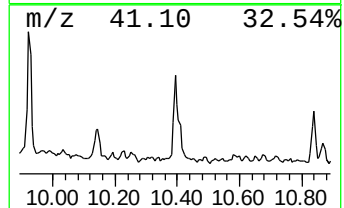
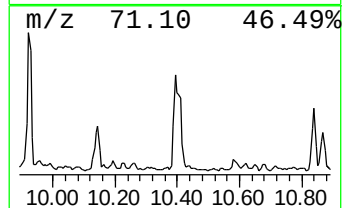
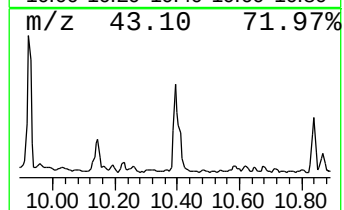
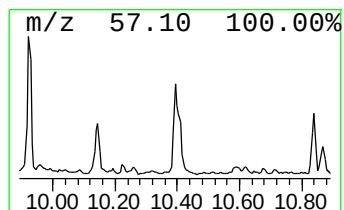
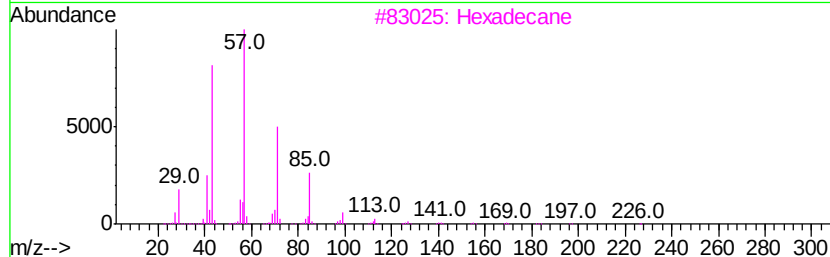
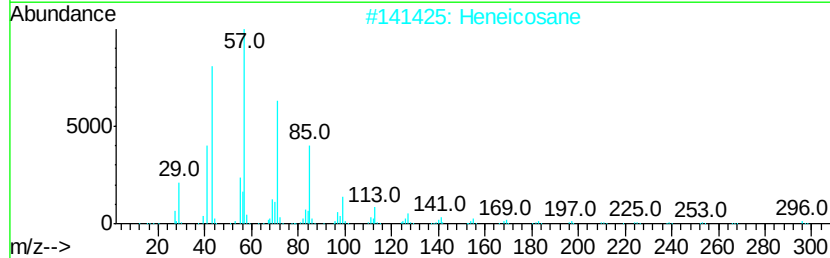
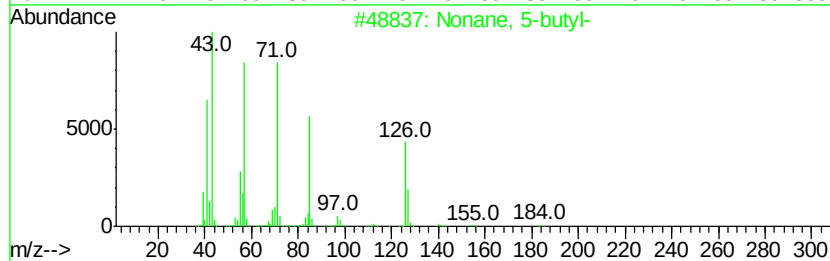
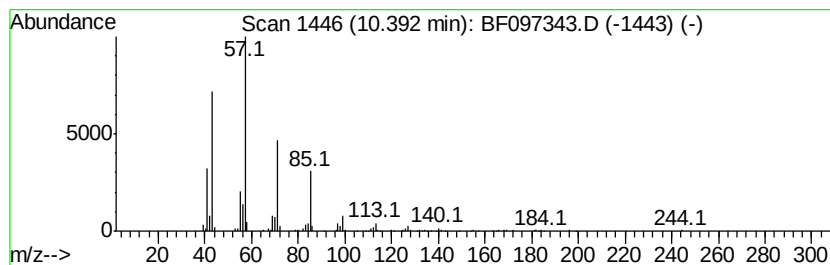
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonane, 5-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.39	17.42 ng	450058	Phenanthrene-d10	10.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
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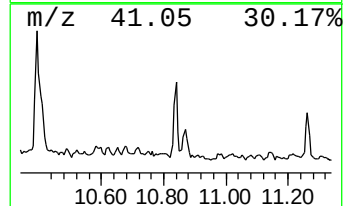
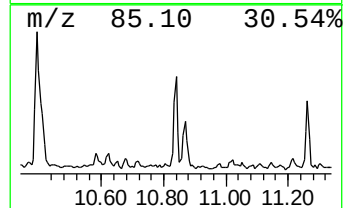
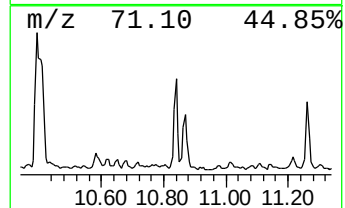
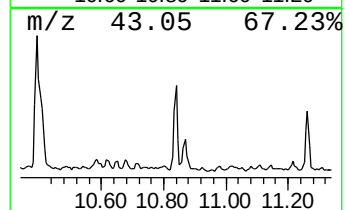
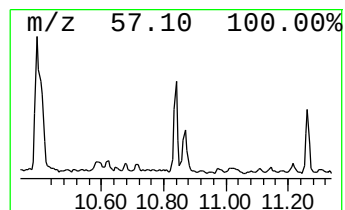
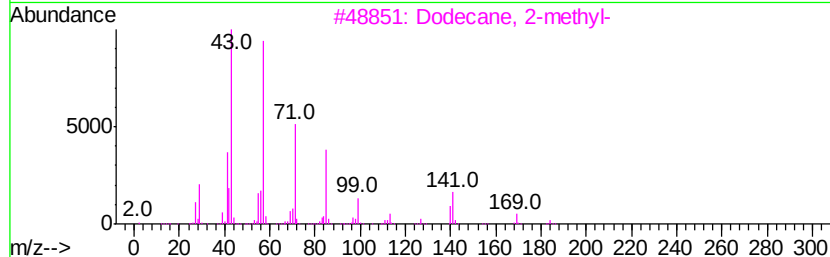
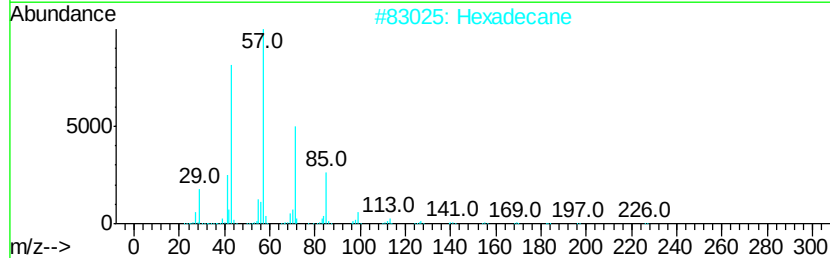
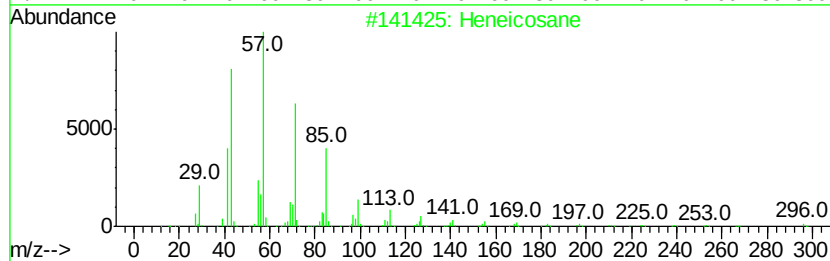
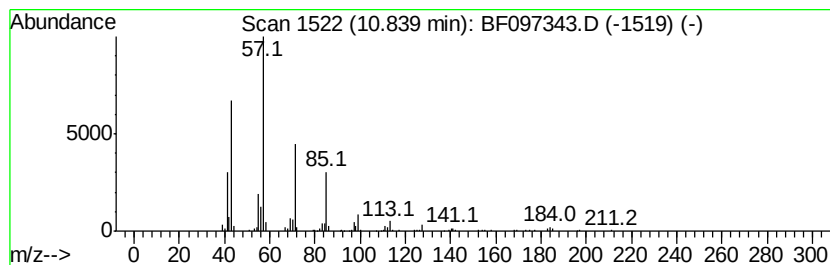
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	7.19 ng	185839	Phenanthrene-d10	10.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
4	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	80
5	Tetracosane	338	C24H50	000646-31-1	78



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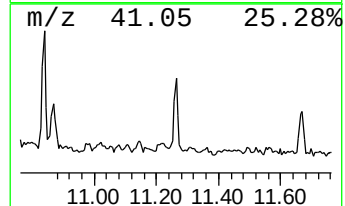
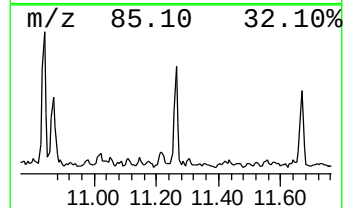
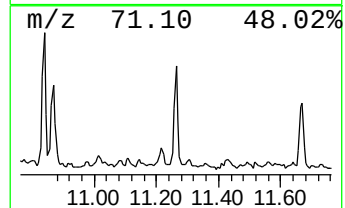
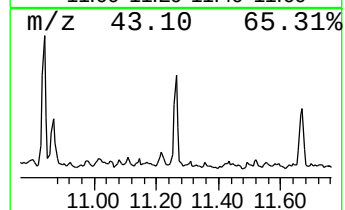
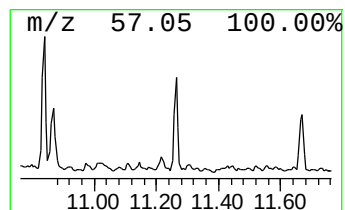
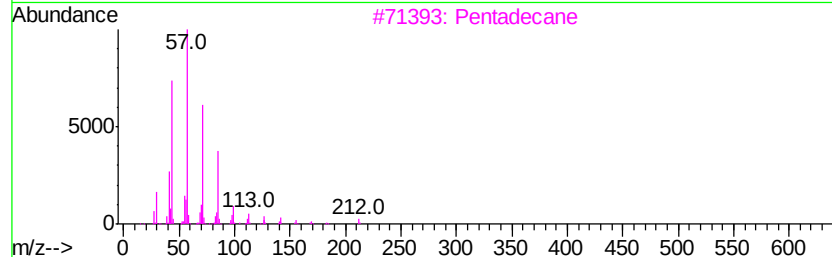
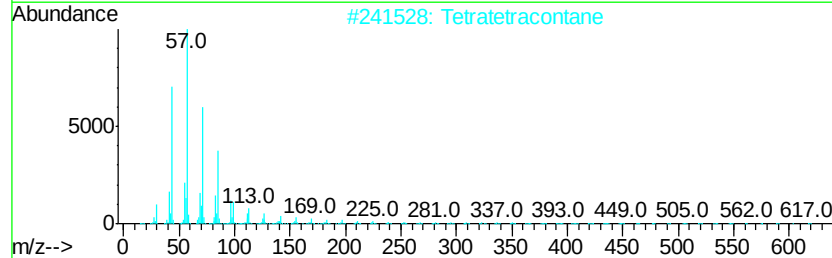
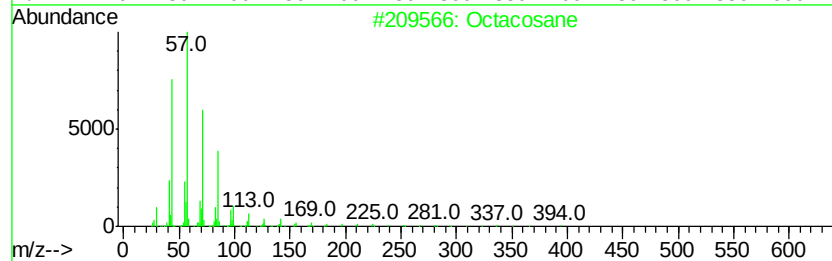
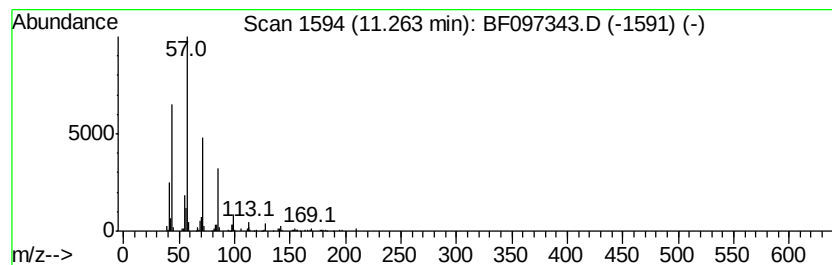
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	5.08 ng	131270	Phenanthrene-d10	10.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Octadecane	254	C18H38	000593-45-3	86
5		Hexadecane	226	C16H34	000544-76-3	86



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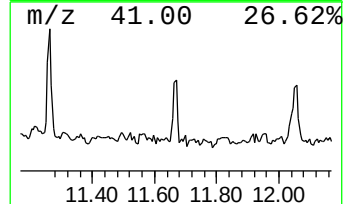
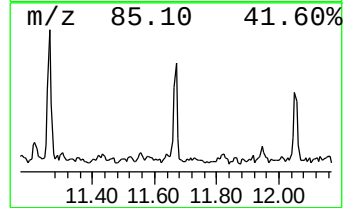
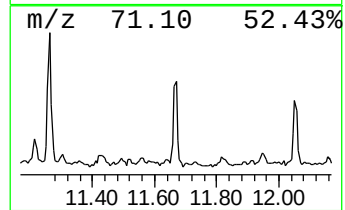
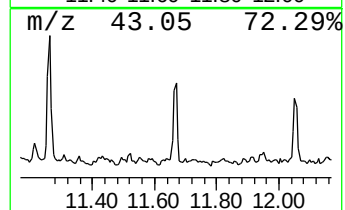
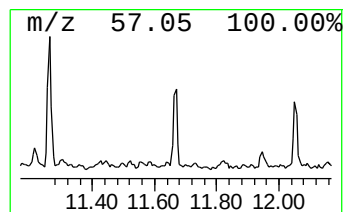
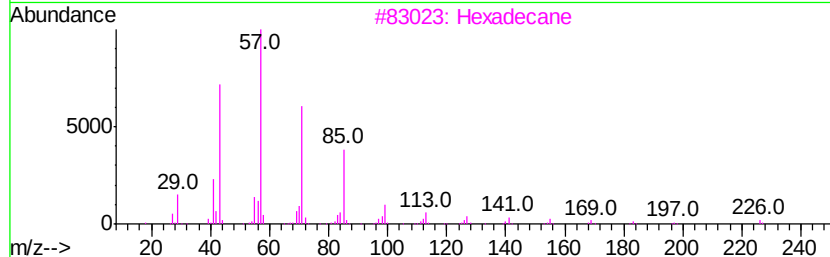
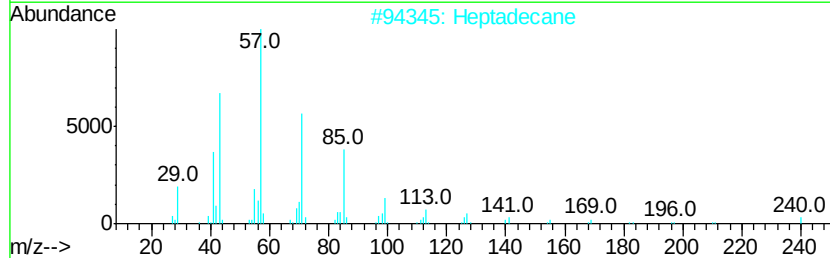
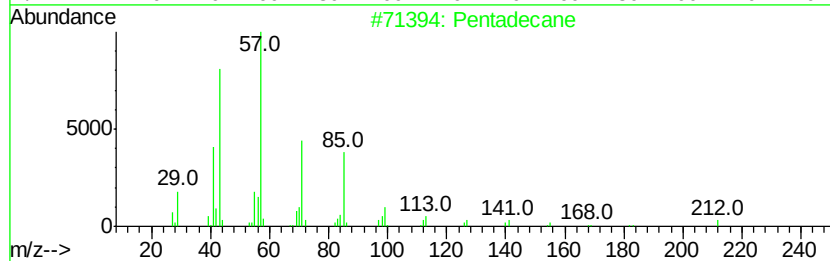
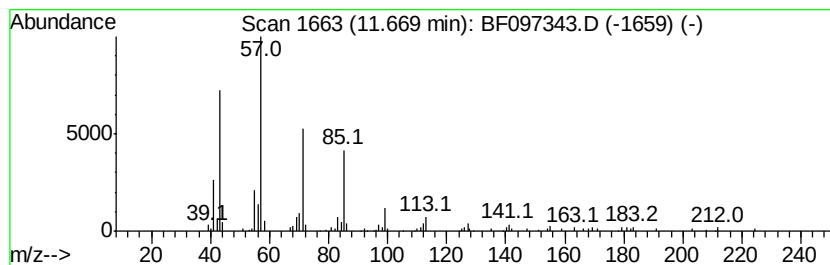
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	4.39 ng	113544	Phenanthrene-d10	10.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Octadecane	254	C18H38	000593-45-3	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097343.D
Acq On : 4 Aug 2017 3:36
Operator : SJ/JU
Sample : I4562-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-D

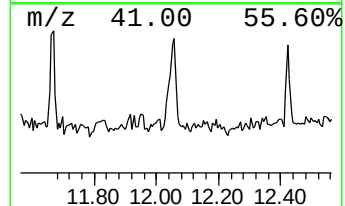
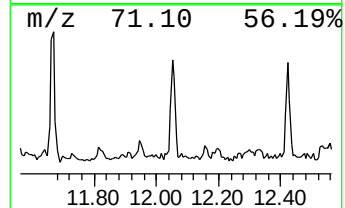
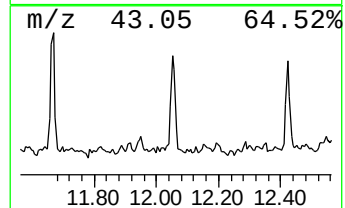
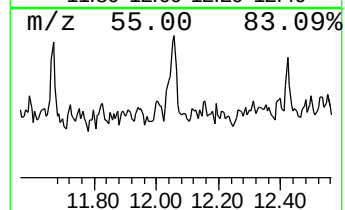
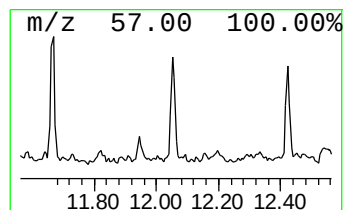
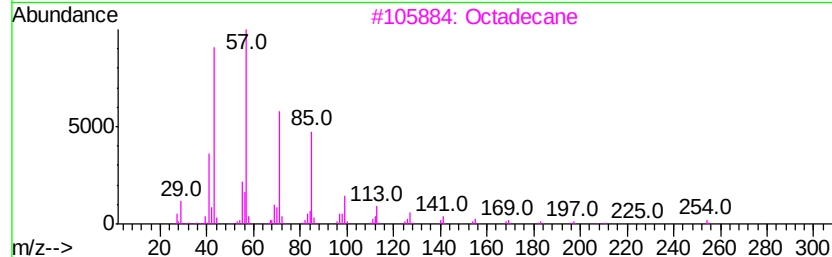
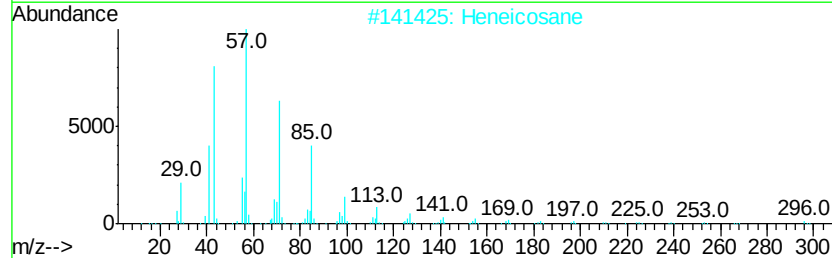
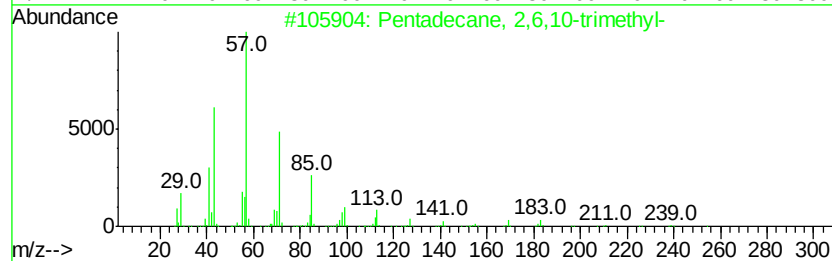
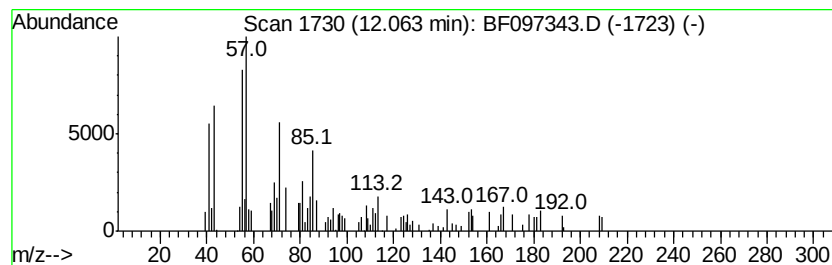
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.61 ng	119079	Phenanthrene-d10	10.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Octadecane	254	C18H38	000593-45-3	87
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
 Data File : BF097343.D
 Acq On : 4 Aug 2017 3:36
 Operator : SJ/JU
 Sample : I4562-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
unknown6.22	6.22	7.7	ng	205766	1	6.45	532020	20.0
Undecane	7.07	4.2	ng	112382	1	6.45	532020	20.0
Sulfurous acid, d...	8.17	7.6	ng	450921	2	7.73	1183490	20.0
Hexadecane	8.34	13.3	ng	786506	2	7.73	1183490	20.0
Dodecane, 2,6,11-...	8.62	5.2	ng	187825	3	9.47	719894	20.0
Tridecane, 2-methyl-	8.70	5.0	ng	181800	3	9.47	719894	20.0
Undecane, 3,9-dim...	8.75	6.7	ng	240921	3	9.47	719894	20.0
Tetradecane	8.90	26.2	ng	943793	3	9.47	719894	20.0
Tridecane	9.22	15.7	ng	563995	3	9.47	719894	20.0
Bacchotricuneatin c	9.66	5.3	ng	191966	3	9.47	719894	20.0
1-Decanol, 2-ethyl-	9.75	5.0	ng	181715	3	9.47	719894	20.0
unknown9.79	9.79	4.4	ng	158744	3	9.47	719894	20.0
Eicosane	10.15	5.5	ng	198552	3	9.47	719894	20.0
Nonane, 5-butyl-	10.39	17.4	ng	450058	4	10.94	516856	20.0
Heneicosane	10.84	7.2	ng	185839	4	10.94	516856	20.0
Octacosane	11.26	5.1	ng	131270	4	10.94	516856	20.0
Pentadecane	11.67	4.4	ng	113544	4	10.94	516856	20.0
Pentadecane, 2,6,...	12.06	4.6	ng	119079	4	10.94	516856	20.0