

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098122.D
 Acq On : 29 Aug 2017 20:33
 Operator : SJ/JU
 Sample : I4993-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-082517

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	4.904	476	479	487	rBV	43580	48000	3.13%	0.239%
2	5.328	547	551	563	rBV	383710	365428	23.82%	1.820%
3	6.357	723	726	732	rBV	482545	438344	28.57%	2.184%
4	6.492	746	749	758	rVB	462276	444760	28.99%	2.216%
5	6.734	786	790	796	rVB	923385	862762	56.23%	4.298%
6	6.887	812	816	819	rVV	382237	356587	23.24%	1.776%
7	7.010	831	837	840	rVB3	42586	57241	3.73%	0.285%
8	7.045	840	843	846	rBV2	35777	42418	2.76%	0.211%
9	7.075	846	848	853	rBV2	41003	37392	2.44%	0.186%
10	7.128	853	857	860	rBV	80111	79818	5.20%	0.398%
11	7.292	882	885	888	rVB	271241	189836	12.37%	0.946%
12	7.334	890	892	895	rVB	240766	185988	12.12%	0.927%
13	7.381	895	900	903	rVB5	70298	104392	6.80%	0.520%
14	7.428	903	908	909	rBV2	29921	44551	2.90%	0.222%
15	7.451	909	912	916	rVB2	54581	56217	3.66%	0.280%
16	7.522	921	924	925	rBV	67542	72964	4.76%	0.363%
17	7.539	925	927	930	rVB2	101103	86935	5.67%	0.433%
18	7.639	938	944	945	rBV2	81264	115162	7.51%	0.574%
19	7.657	945	947	952	rVB4	77525	98910	6.45%	0.493%
20	7.704	952	955	958	rBV2	74759	78179	5.10%	0.389%
21	7.739	958	961	962	rBV	76444	60543	3.95%	0.302%
22	7.775	962	967	972	rVB4	105629	133613	8.71%	0.666%
23	7.816	972	974	976	rBV	81869	64638	4.21%	0.322%
24	7.839	976	978	983	rVB4	67304	87005	5.67%	0.433%
25	7.886	983	986	990	rBV3	55645	83091	5.42%	0.414%
26	7.975	995	1001	1003	rBV2	69828	127781	8.33%	0.637%
27	8.016	1003	1008	1011	rBV2	1321893	1534393	100.00%	7.644%
28	8.081	1015	1019	1022	rVB	294014	293069	19.10%	1.460%
29	8.110	1022	1024	1027	rBV2	66757	61930	4.04%	0.309%
30	8.192	1031	1038	1040	rBV5	66080	136854	8.92%	0.682%
31	8.222	1040	1043	1046	rVB2	82020	87576	5.71%	0.436%
32	8.257	1046	1049	1051	rBV3	25926	31270	2.04%	0.156%
33	8.310	1053	1058	1065	rBV7	166622	286177	18.65%	1.426%
34	8.363	1065	1067	1070	rBV2	112017	96160	6.27%	0.479%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.398	1070	1073	1076	rVB	179251	155843	10.16%	0.776%
36	8.445	1076	1081	1086	rBV	415169	466908	30.43%	2.326%
37	8.481	1086	1087	1090	rVB3	73914	45841	2.99%	0.228%
38	8.522	1091	1094	1097	rVB3	85587	75644	4.93%	0.377%
39	8.557	1097	1100	1102	rBV4	65945	77363	5.04%	0.385%
40	8.616	1106	1110	1113	rBV	853976	756316	49.29%	3.768%
41	8.675	1118	1120	1122	rVV2	106415	85576	5.58%	0.426%
42	8.710	1122	1126	1129	rVB2	188667	218775	14.26%	1.090%
43	8.769	1132	1136	1138	rBV4	27801	42434	2.77%	0.211%
44	8.839	1146	1148	1152	rVB	77556	62713	4.09%	0.312%
45	8.898	1155	1158	1159	rBV	128659	113489	7.40%	0.565%
46	8.928	1161	1163	1164	rVB2	47162	28123	1.83%	0.140%
47	8.981	1169	1172	1174	rVV2	149899	137485	8.96%	0.685%
48	9.016	1175	1178	1180	rVV	108327	101849	6.64%	0.507%
49	9.045	1180	1183	1187	rVV	328773	312807	20.39%	1.558%
50	9.092	1187	1191	1194	rVB	650430	507681	33.09%	2.529%
51	9.181	1201	1206	1210	rBV	807628	796444	51.91%	3.968%
52	9.245	1215	1217	1222	rVV5	102384	127924	8.34%	0.637%
53	9.292	1223	1225	1228	rVB2	51969	39787	2.59%	0.198%
54	9.369	1236	1238	1240	rVB3	41797	32626	2.13%	0.163%
55	9.404	1242	1244	1246	rVV2	50084	52773	3.44%	0.263%
56	9.433	1246	1249	1251	rVV2	89022	107442	7.00%	0.535%
57	9.451	1251	1252	1254	rVV2	93500	65722	4.28%	0.327%
58	9.498	1254	1260	1262	rVV2	396064	502180	32.73%	2.502%
59	9.522	1262	1264	1267	rVV2	122658	113199	7.38%	0.564%
60	9.557	1267	1270	1272	rVB2	93188	78646	5.13%	0.392%
61	9.633	1281	1283	1284	rBV2	35309	35013	2.28%	0.174%
62	9.680	1288	1291	1293	rBV	75094	71665	4.67%	0.357%
63	9.704	1293	1295	1299	rVB	536401	461962	30.11%	2.301%
64	9.769	1299	1306	1310	rBV2	1233165	1125217	73.33%	5.605%
65	9.880	1322	1325	1329	rVB2	43769	45132	2.94%	0.225%
66	9.933	1330	1334	1338	rVV4	67044	119144	7.76%	0.594%
67	9.969	1338	1340	1343	rVV3	70609	80547	5.25%	0.401%
68	9.992	1343	1344	1346	rVV	48022	33412	2.18%	0.166%
69	10.028	1346	1350	1354	rVV3	123690	150355	9.80%	0.749%
70	10.063	1354	1356	1358	rVV	40325	28134	1.83%	0.140%
71	10.086	1358	1360	1365	rVV5	27468	38864	2.53%	0.194%

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72	10.139	1366	1369	1373	rVB4	35239	45625	2.97%	0.227%
73	10.204	1377	1380	1383	rVV	372652	286336	18.66%	1.426%
74	10.257	1387	1389	1395	rVB5	37265	53695	3.50%	0.267%
75	10.428	1413	1418	1421	rBV	141354	160258	10.44%	0.798%
76	10.475	1423	1426	1429	rVB3	34202	33480	2.18%	0.167%
77	10.510	1429	1432	1435	rBV2	40723	42223	2.75%	0.210%
78	10.551	1435	1439	1444	rVB3	216385	215900	14.07%	1.076%
79	10.675	1457	1460	1469	rVB	264755	369494	24.08%	1.841%
80	10.869	1490	1493	1495	rBV2	28021	31998	2.09%	0.159%
81	11.122	1533	1536	1539	rBV	162442	146452	9.54%	0.730%
82	11.151	1539	1541	1548	rVB	99794	104928	6.84%	0.523%
83	11.251	1554	1558	1561	rBV	1074620	909338	59.26%	4.530%
84	11.551	1606	1609	1612	rVB	132961	98860	6.44%	0.492%
85	11.651	1622	1626	1631	rVB	169982	141066	9.19%	0.703%
86	11.957	1675	1678	1681	rVB	99640	75427	4.92%	0.376%
87	12.333	1739	1742	1744	rBV	546528	484378	31.57%	2.413%
88	12.357	1744	1746	1749	rVB	352297	271123	17.67%	1.351%
89	12.439	1757	1760	1761	rBV	60641	47436	3.09%	0.236%
90	12.457	1761	1763	1766	rVB	112803	98880	6.44%	0.493%
91	12.686	1797	1802	1805	rBV	113205	107703	7.02%	0.537%
92	12.716	1805	1807	1810	rVB	46852	34258	2.23%	0.171%
93	12.833	1824	1827	1832	rVB	404405	346344	22.57%	1.725%
94	13.074	1865	1868	1872	rVB2	35083	39827	2.60%	0.198%
95	13.739	1977	1981	1990	rVB3	54267	76223	4.97%	0.380%
96	13.880	2001	2005	2008	rBV	773903	814285	53.07%	4.056%
97	13.910	2008	2010	2016	rVB	54907	55766	3.63%	0.278%
98	14.898	2175	2178	2185	rVB	72320	137663	8.97%	0.686%
99	15.239	2233	2236	2242	rBV	54392	78959	5.15%	0.393%
100	15.304	2242	2247	2250	rBV	536090	621235	40.49%	3.095%

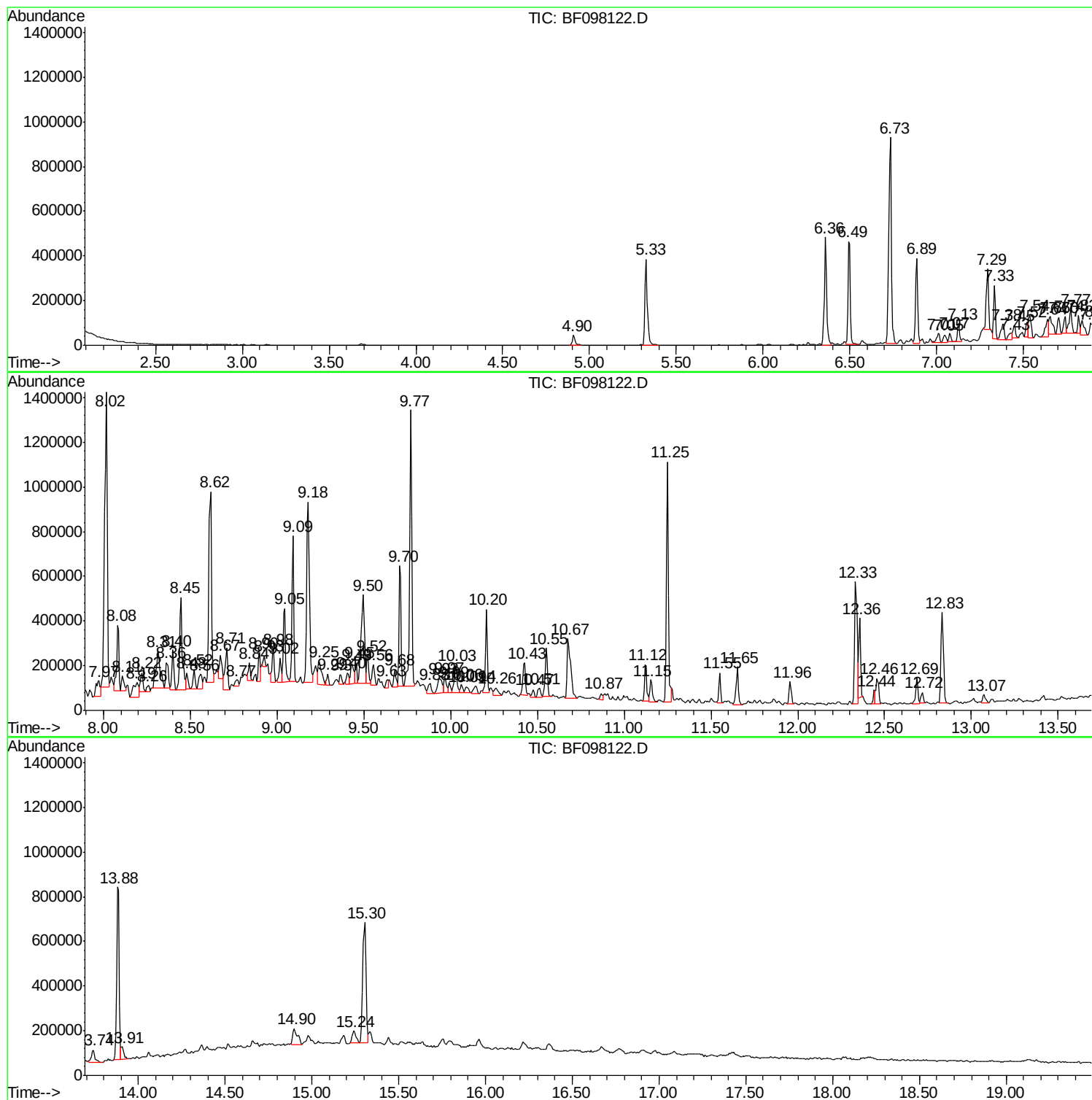
Sum of corrected areas: 20074179

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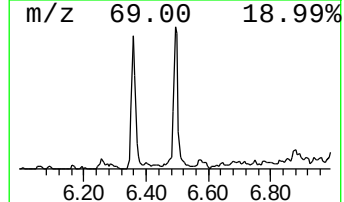
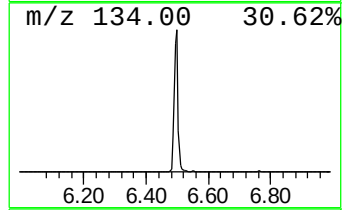
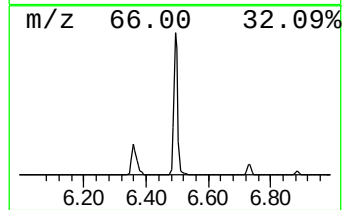
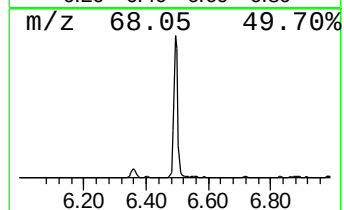
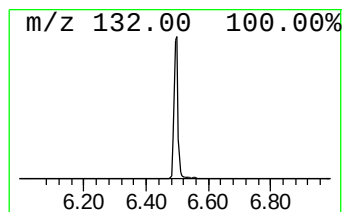
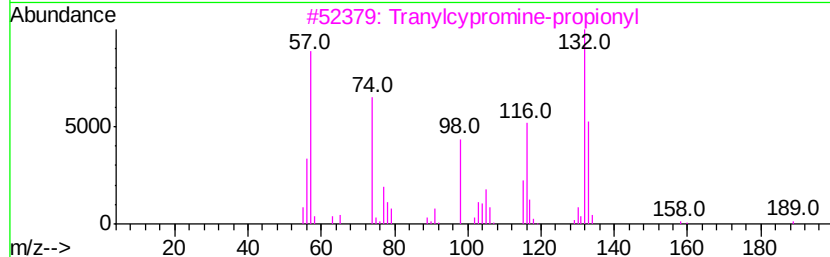
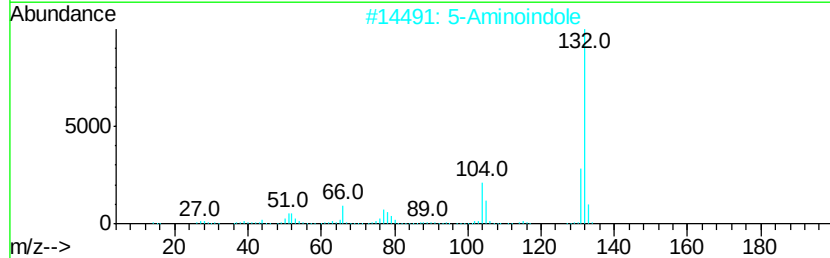
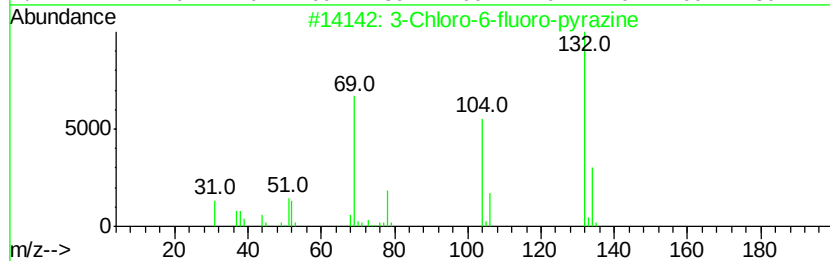
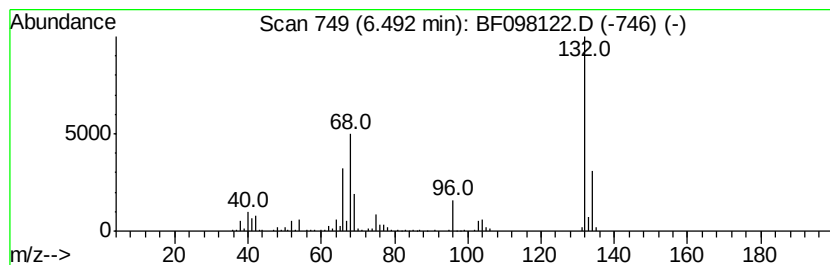
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	10.31 ng	444760	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	5	Aminoindole	132	C8H8N2	005192-03-0	10
3	Tranvlcy	promine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloro	pyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]	pyrazine	132	C8H8N2	064608-59-9	9



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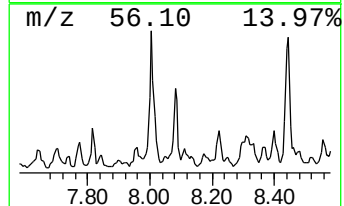
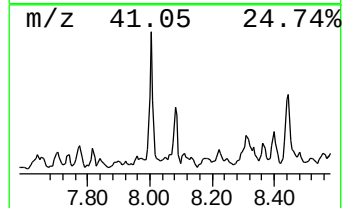
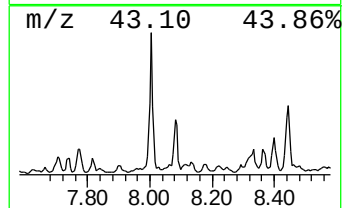
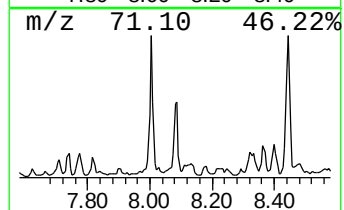
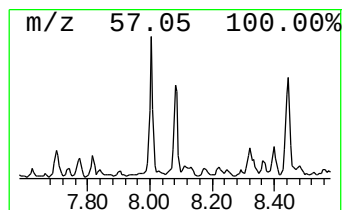
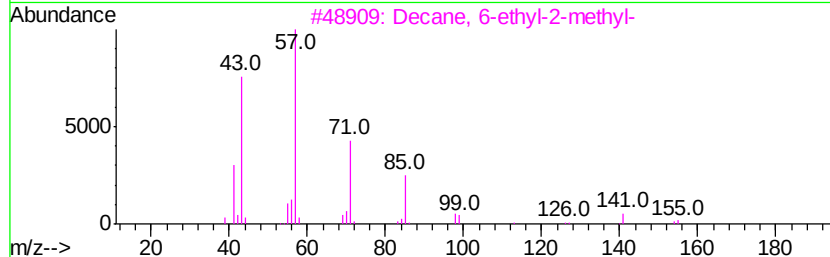
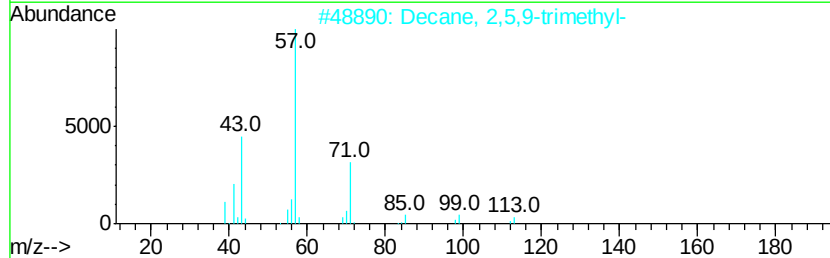
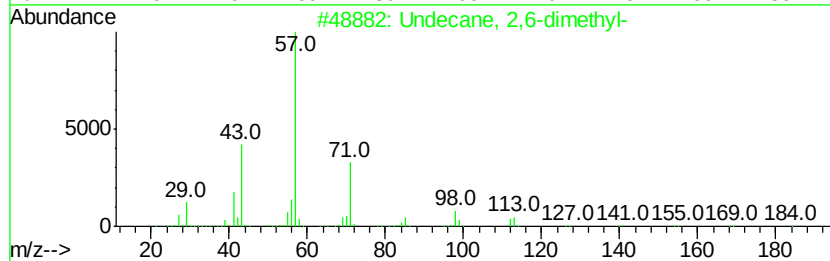
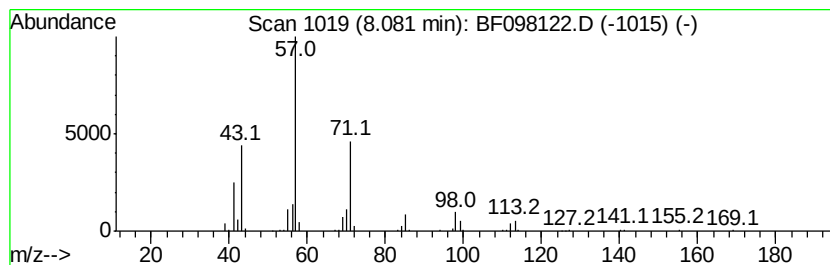
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.08	3.82 ng	293069	Napthalene-d8	8.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64



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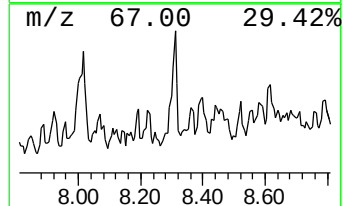
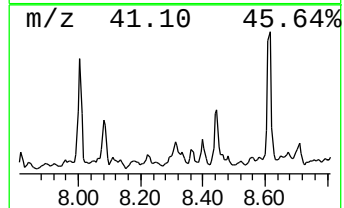
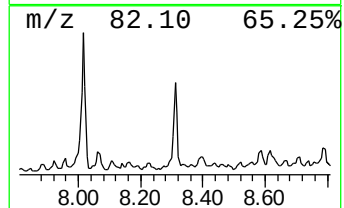
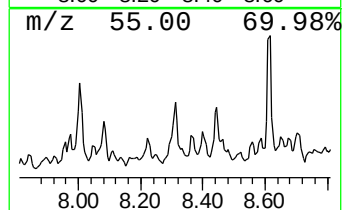
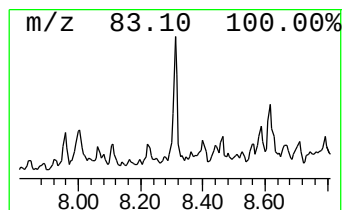
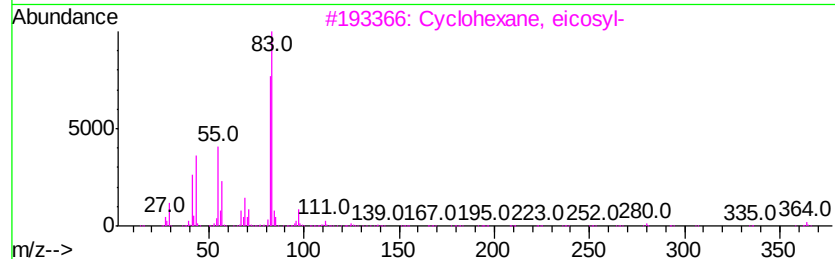
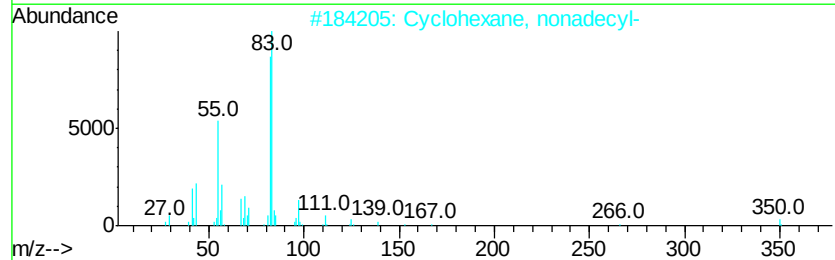
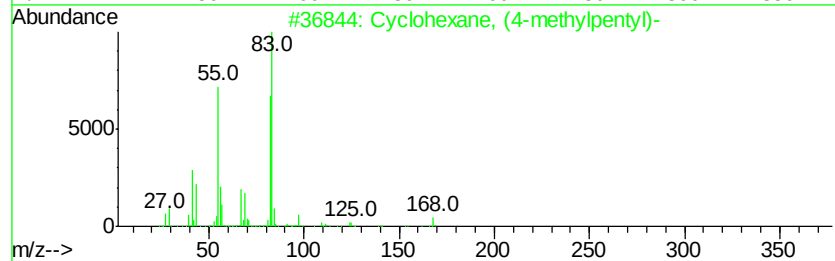
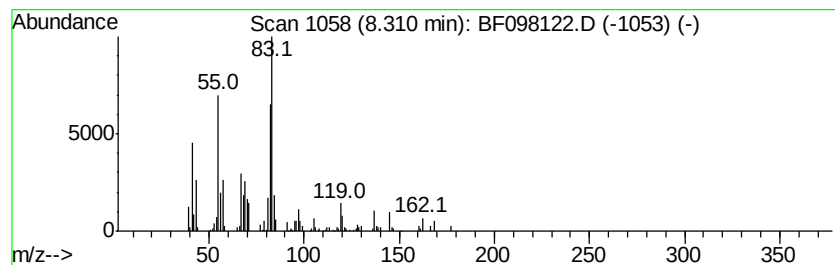
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, (4-methylpentyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	3.73 ng	286177	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	53
3		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	50
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
Sample : I4993-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-082517

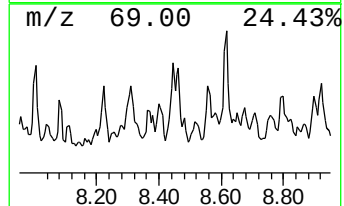
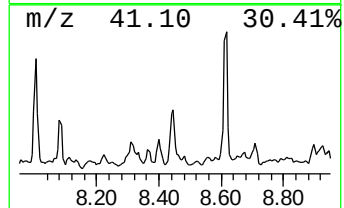
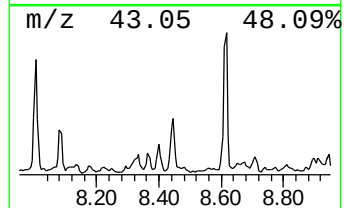
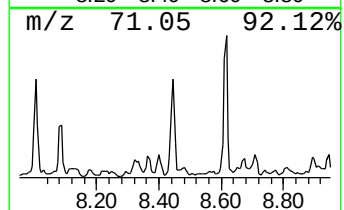
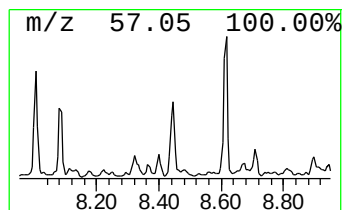
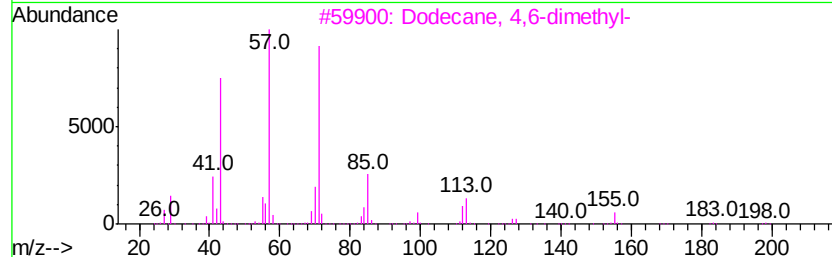
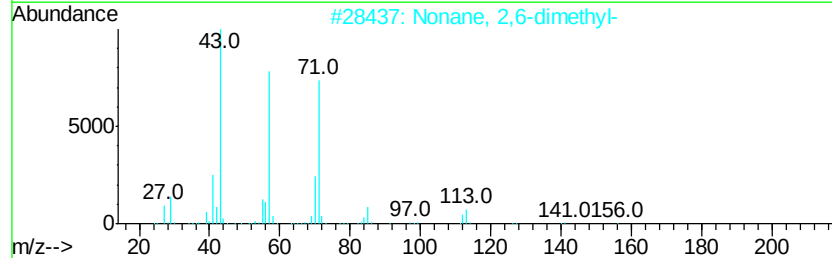
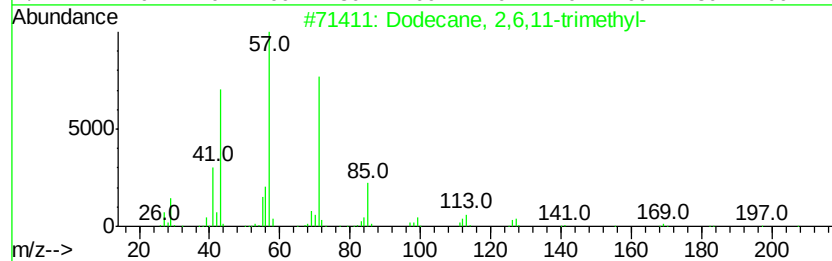
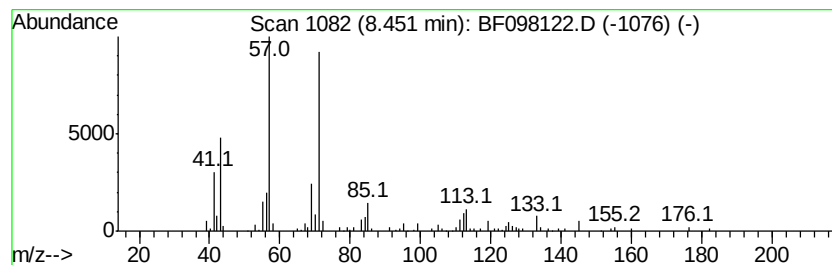
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	6.09 ng	466908	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72
5		Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
Sample : I4993-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

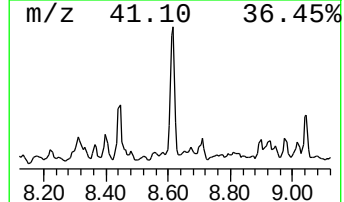
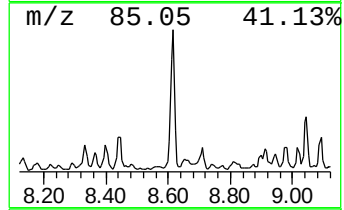
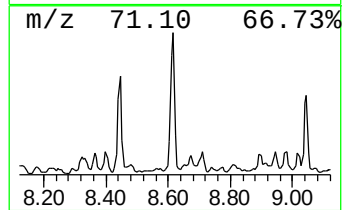
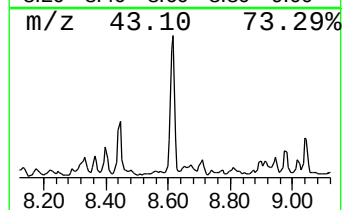
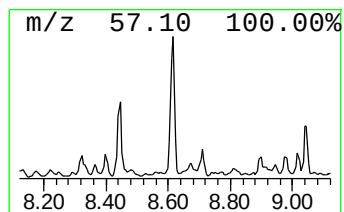
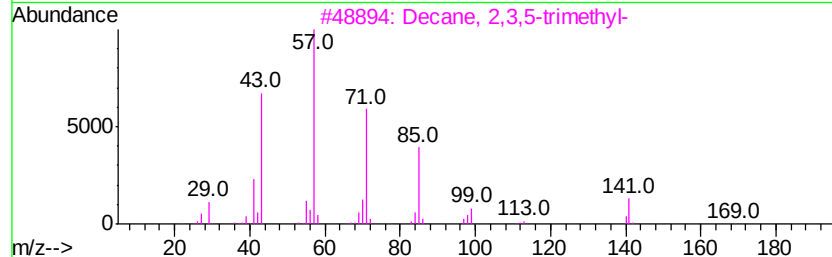
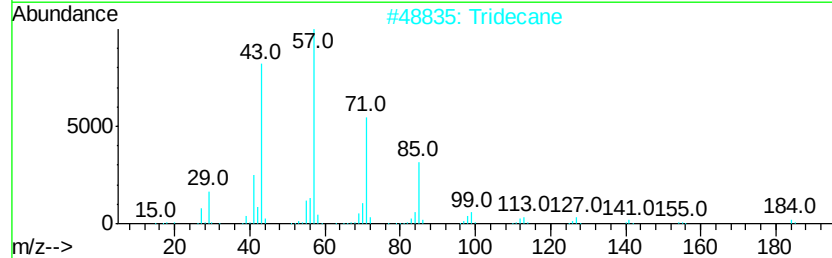
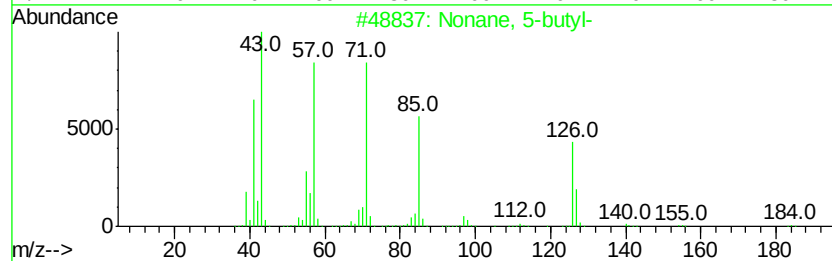
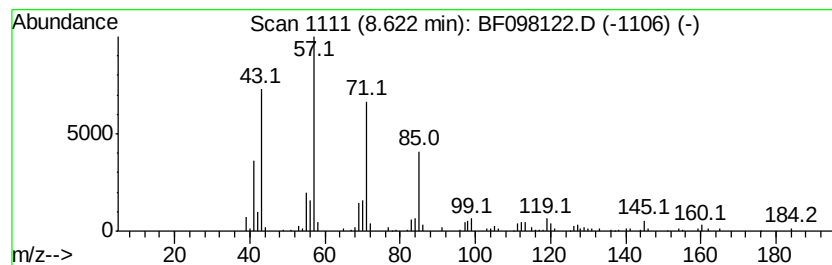
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.62	9.86 ng	756316	Napthalene-d8	8.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	93
2	Tridecane	184	C13H28	000629-50-5	91
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
Sample : I4993-01 5X
Misc :
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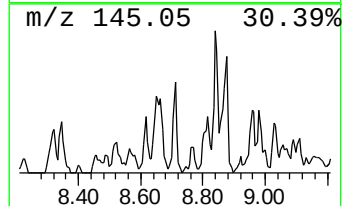
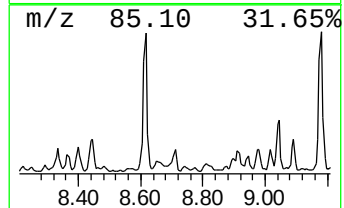
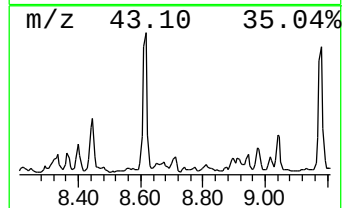
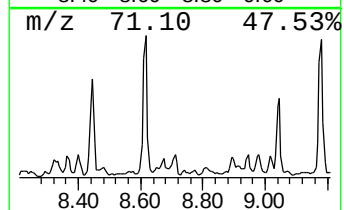
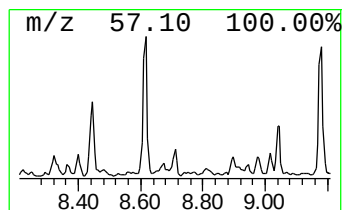
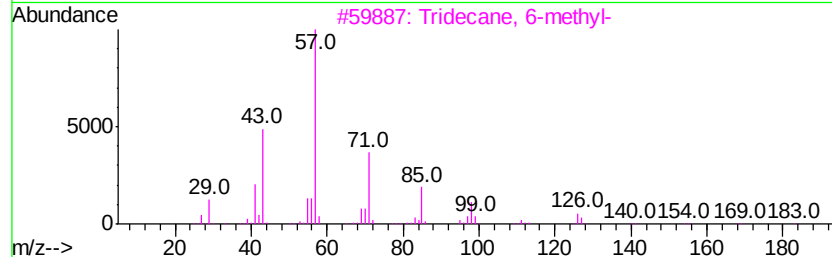
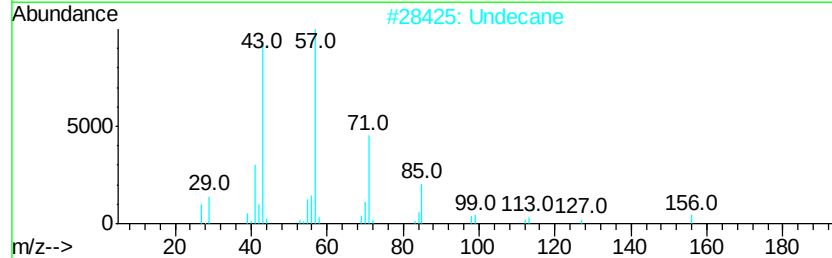
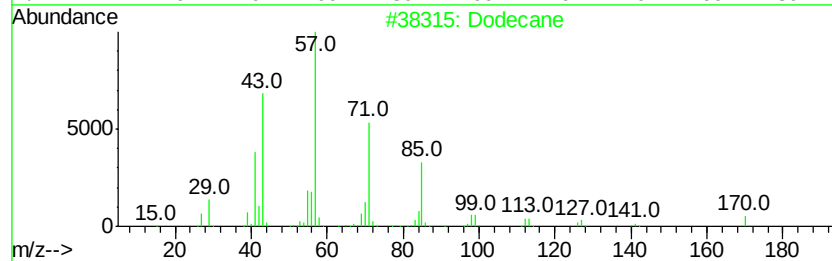
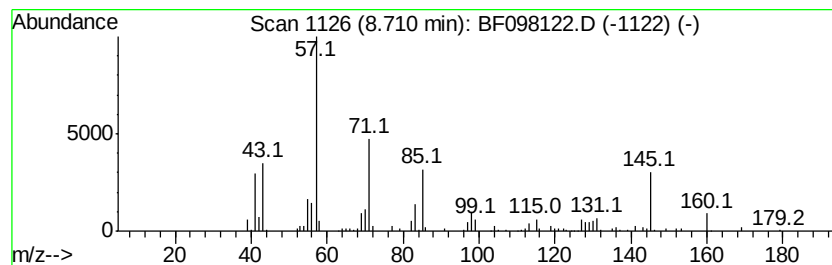
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.85 ng	218775	Napthalene-d8	8.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	50
2	Undecane	156 C11H24	001120-21-4	47
3	Tridecane, 6-methyl-	198 C14H30	013287-21-3	43
4	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	43
5	2-methyloctacosane	408 C29H60	1000376-72-8	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
Sample : I4993-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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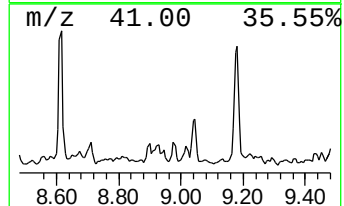
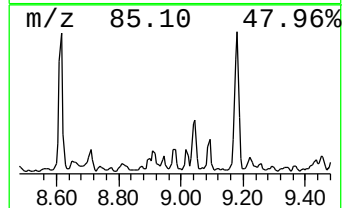
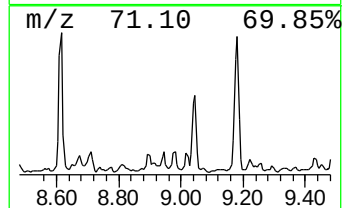
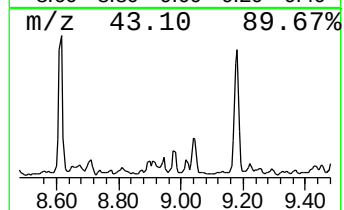
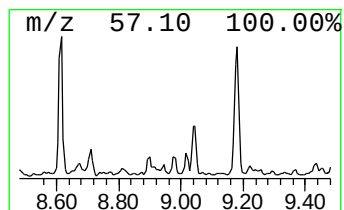
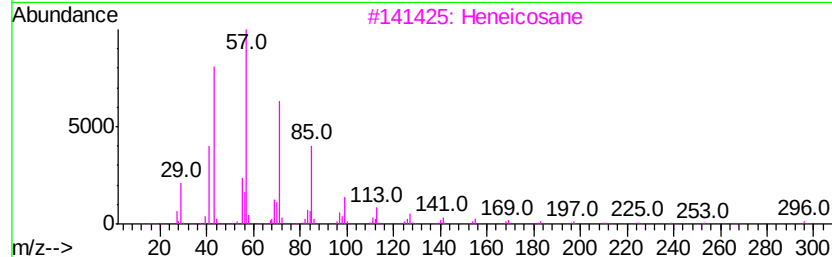
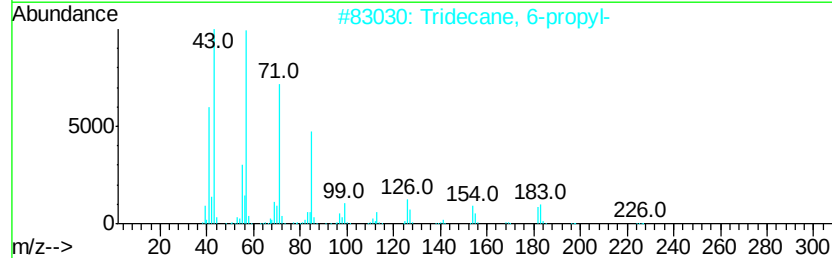
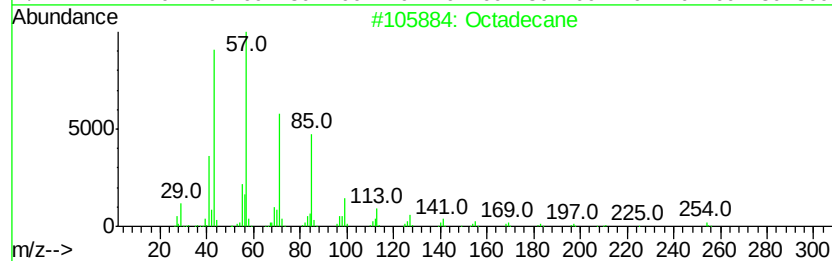
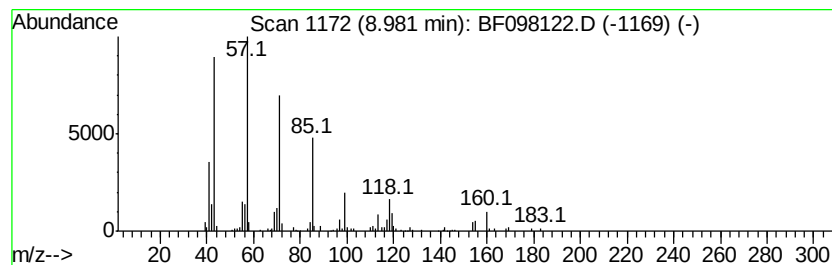
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	2.44 ng	137485	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	50
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	50
3			Heneicosane	296	C21H44	000629-94-7	50
4			Tetracosane	338	C24H50	000646-31-1	50
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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Acq On : 29 Aug 2017 20:33
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Sample : I4993-01 5X
Misc :
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ClientSampleId :
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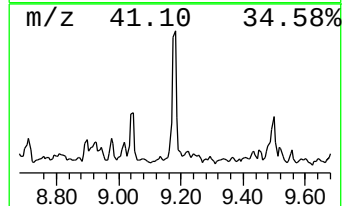
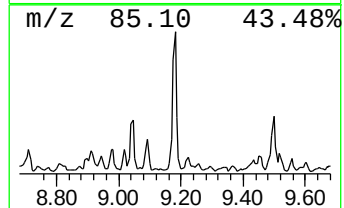
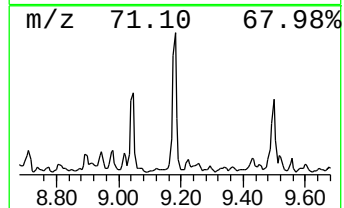
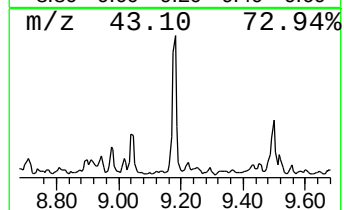
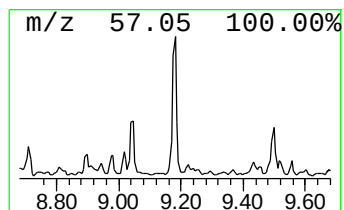
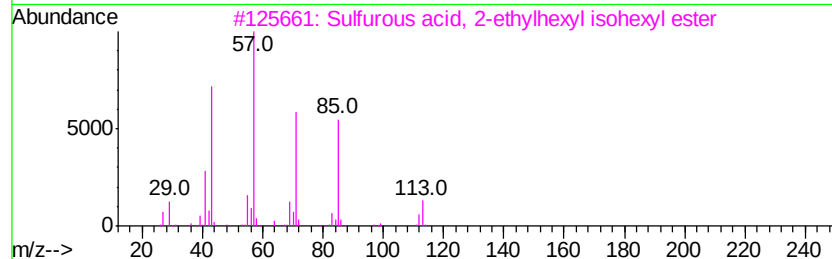
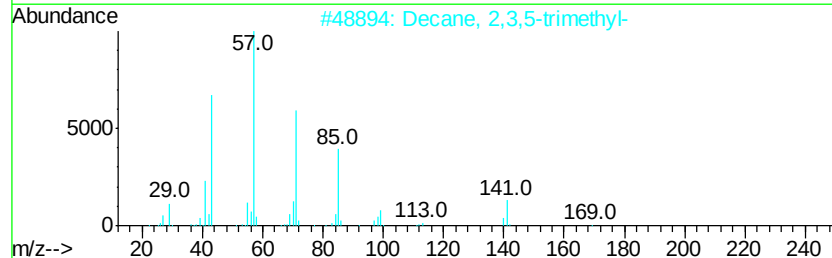
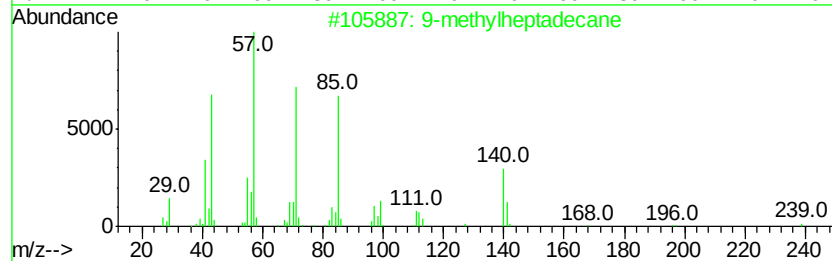
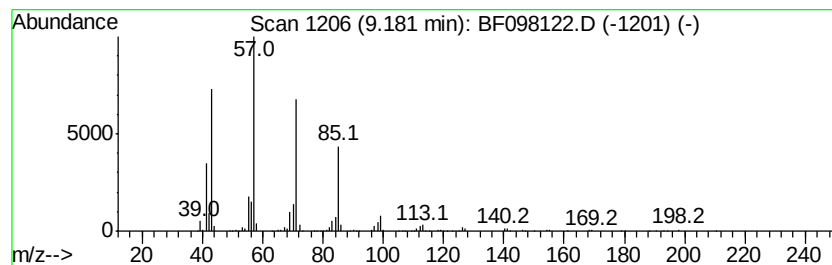
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-methylheptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	14.16 ng	796444	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
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Misc :
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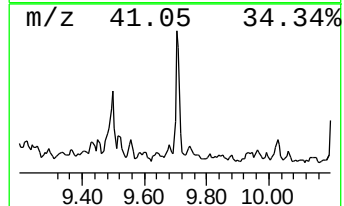
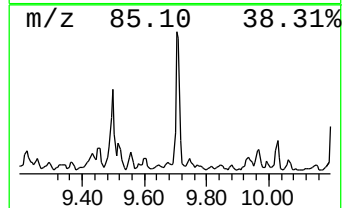
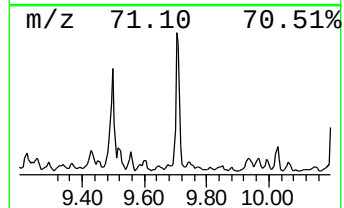
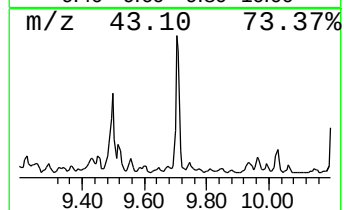
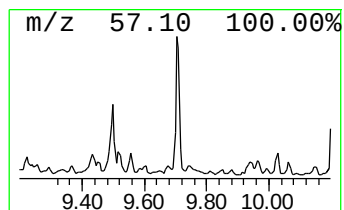
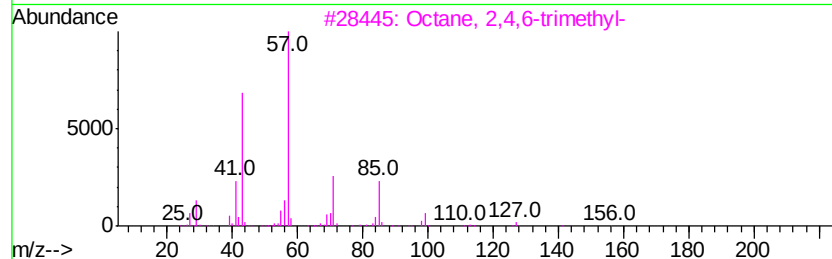
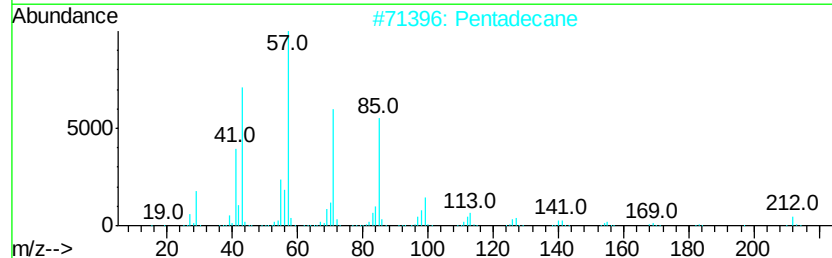
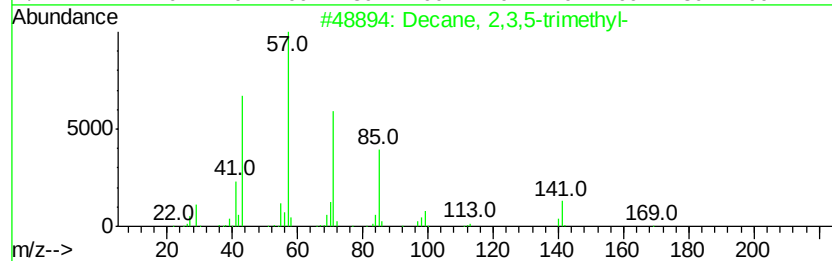
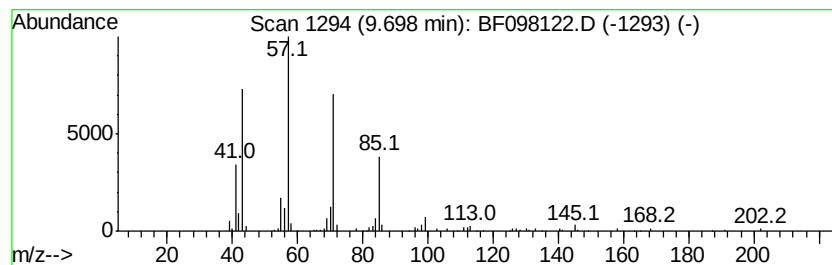
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	8.21 ng	461962	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2		Pentadecane	212	C15H32	000629-62-9	86
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
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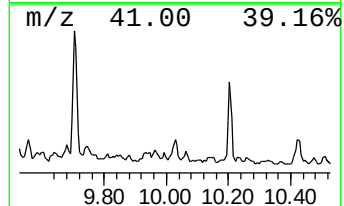
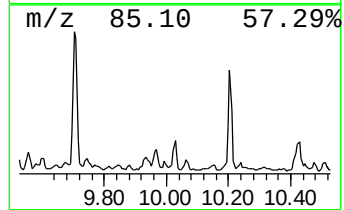
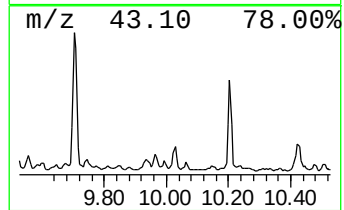
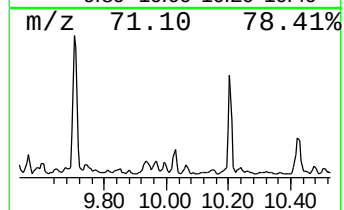
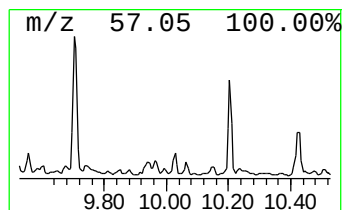
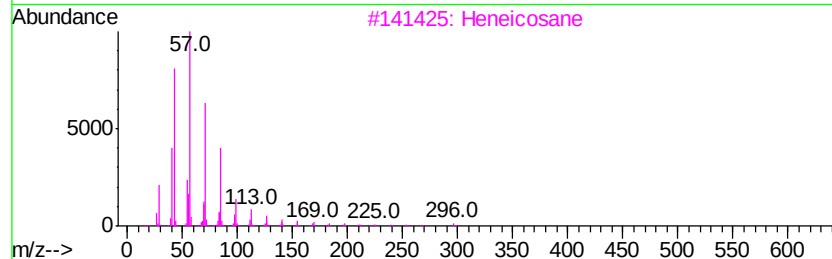
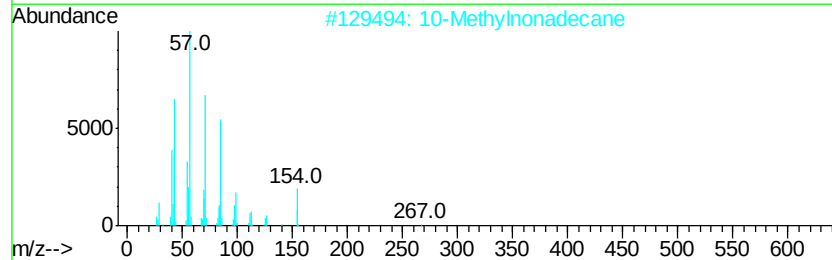
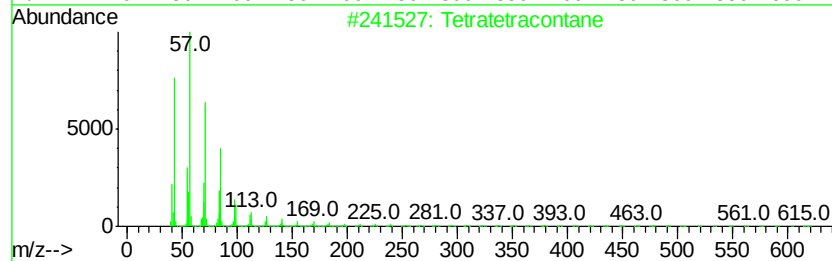
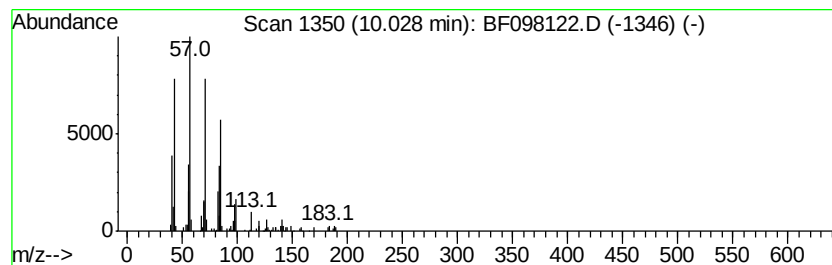
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratetracontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.03	2.67 ng	150355	Acenaphthene-d10		9.77
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	80
2	10-Methylnonadecane	282	C20H42	056862-62-5	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Tritetracontane	605	C43H88	007098-21-7	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
Sample : I4993-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-082517

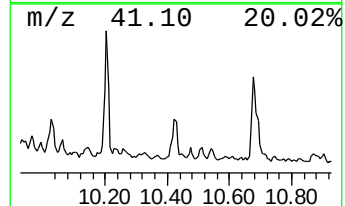
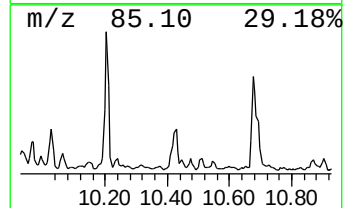
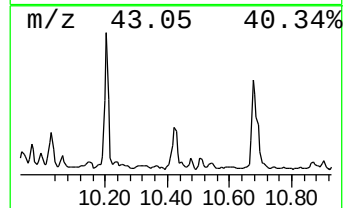
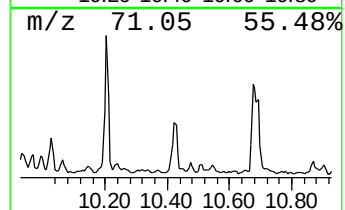
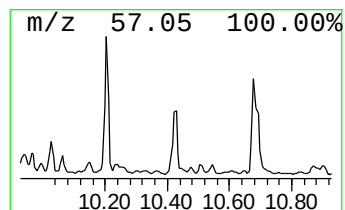
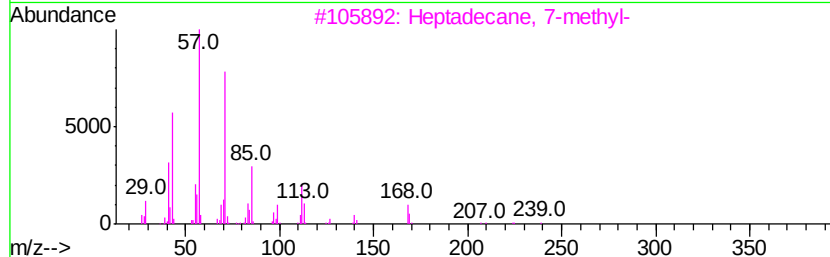
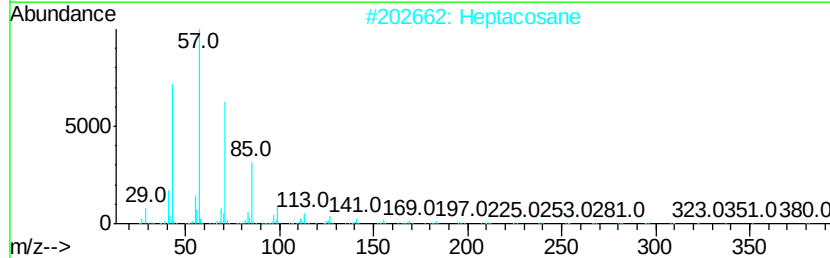
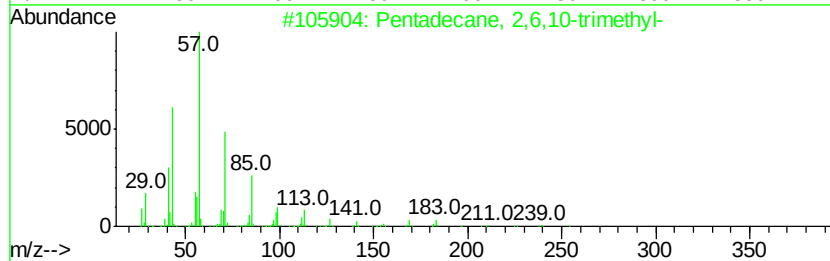
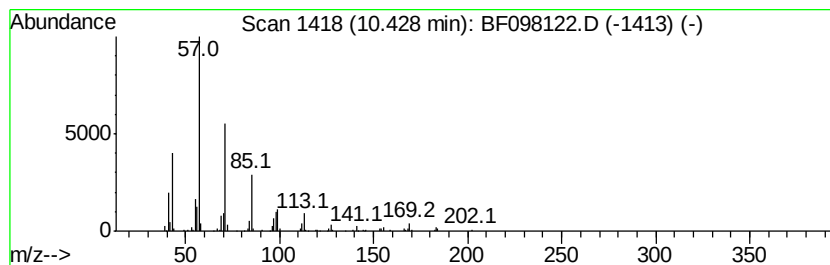
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.85 ng	160258	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2			Heptacosane	380	C27H56	000593-49-7	83
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
4			Tridecane	184	C13H28	000629-50-5	76
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
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ClientSampleId :
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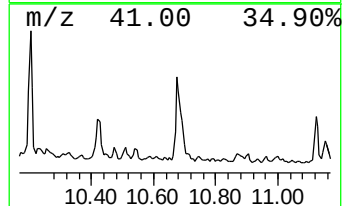
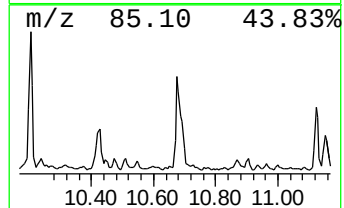
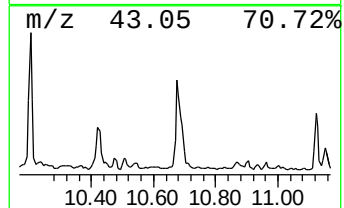
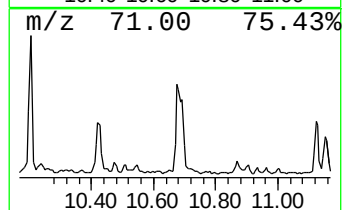
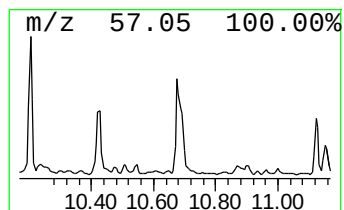
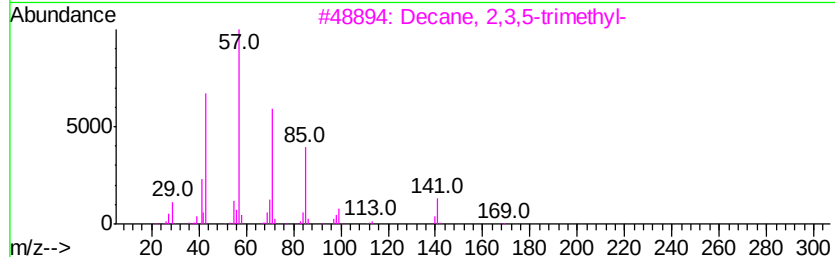
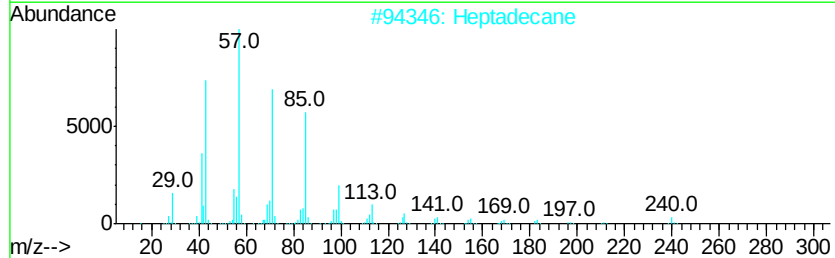
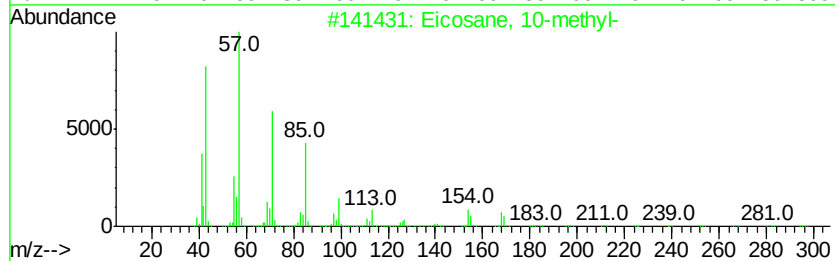
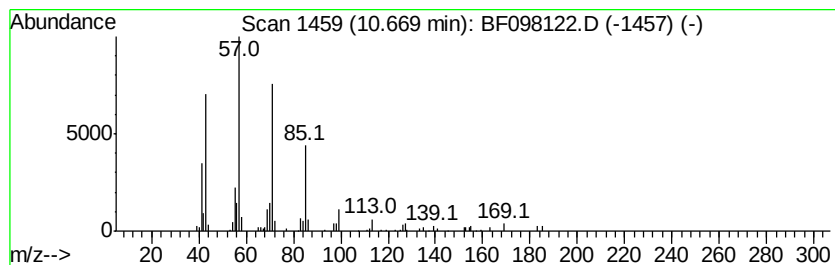
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane, 10-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	8.13 ng	369494	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
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Operator : SJ/JU
Sample : I4993-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

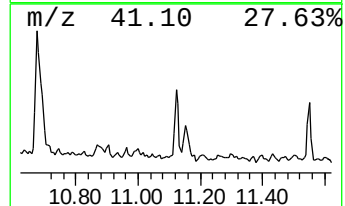
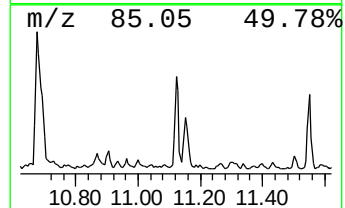
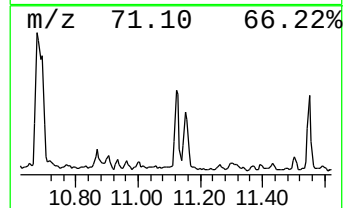
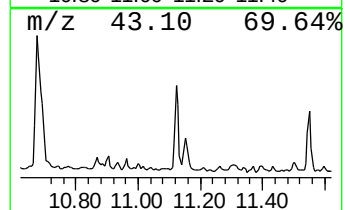
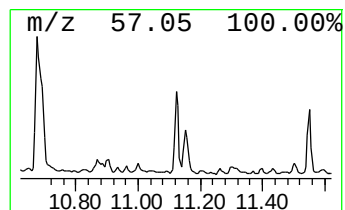
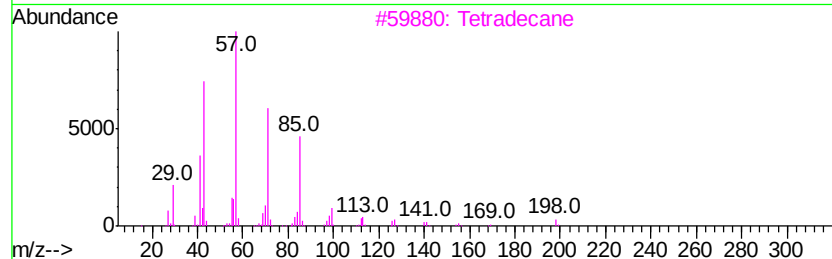
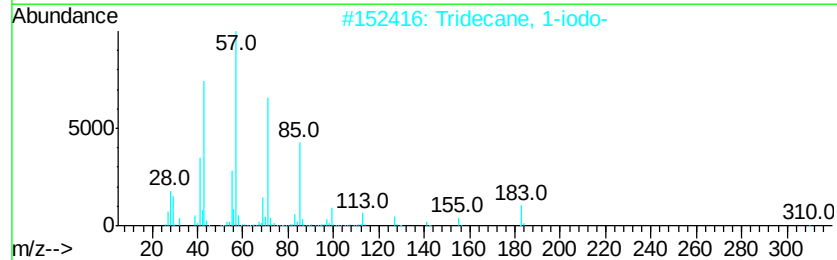
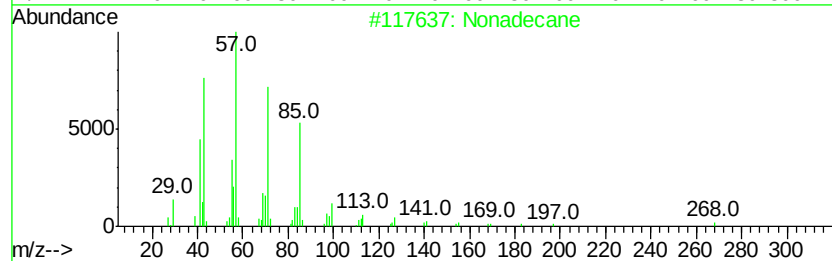
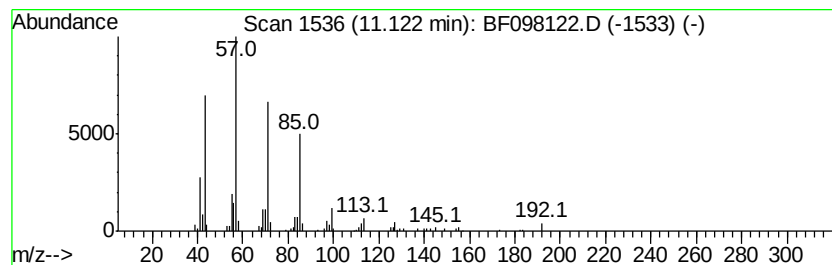
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.12	3.22 ng	146452	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
Sample : I4993-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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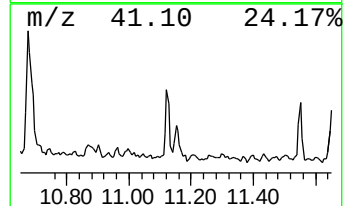
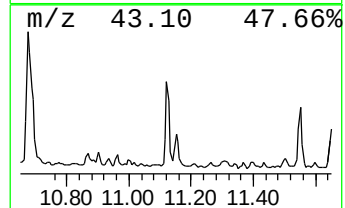
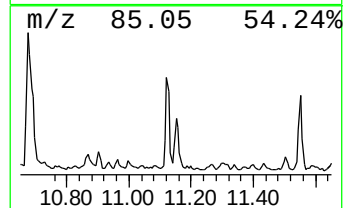
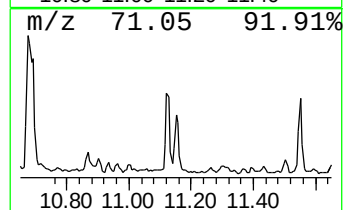
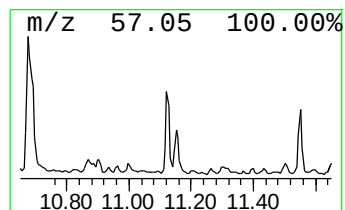
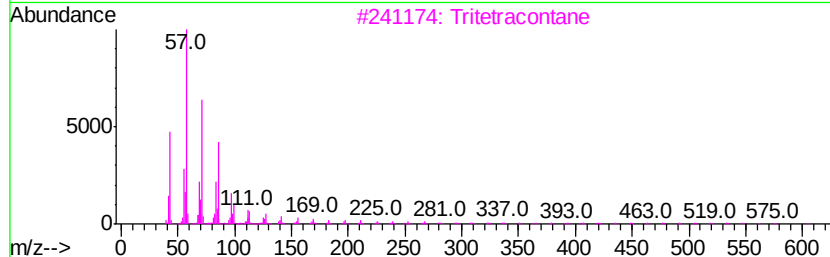
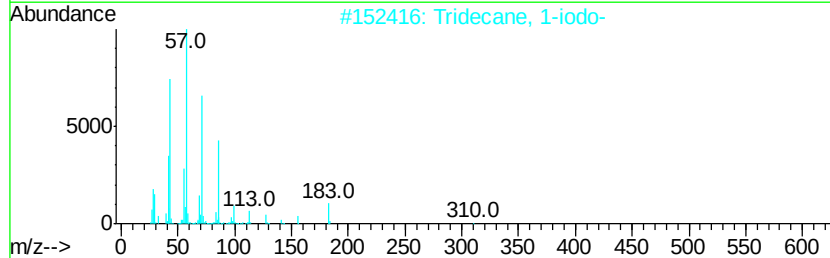
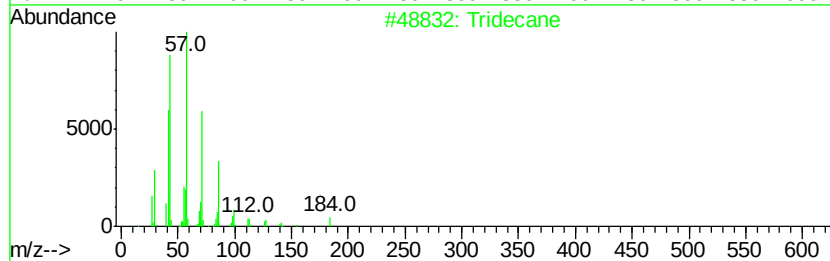
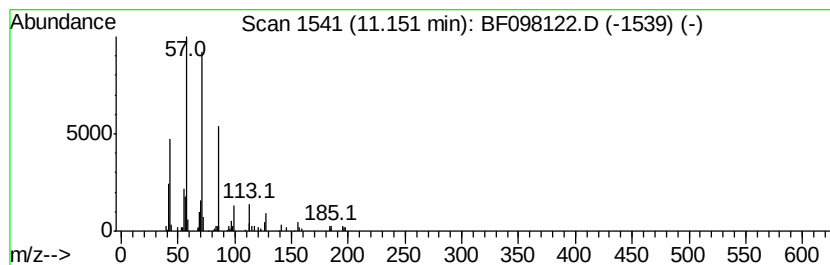
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.31 ng	104928	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3			Tritetracontane	605	C43H88	007098-21-7	78
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
Sample : I4993-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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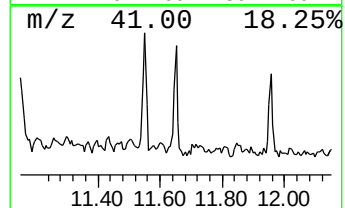
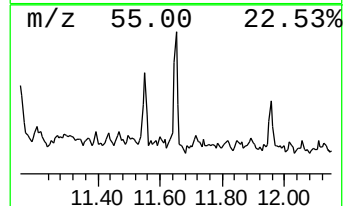
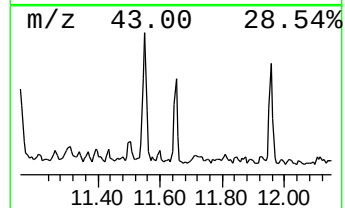
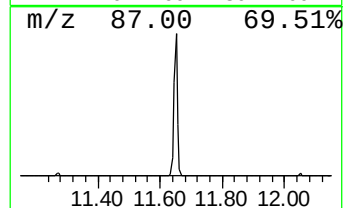
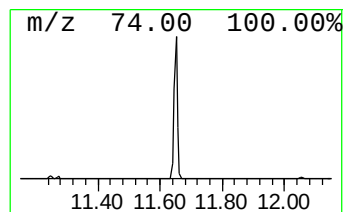
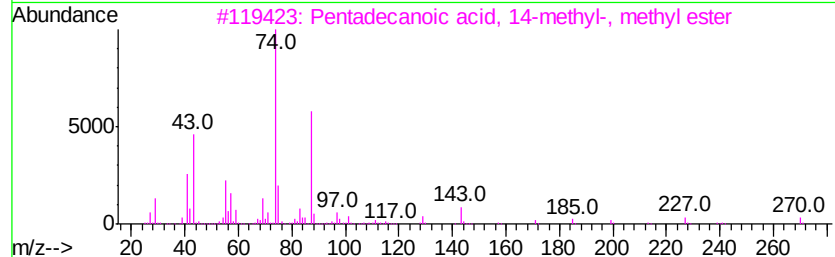
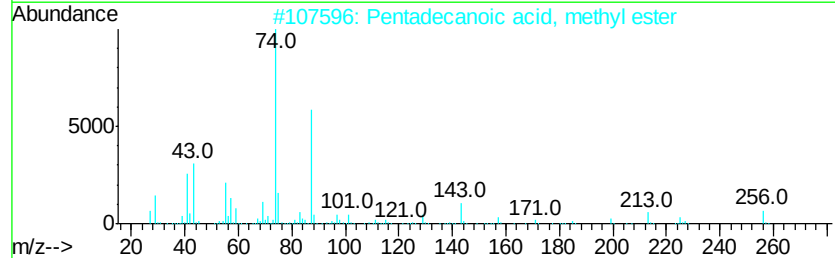
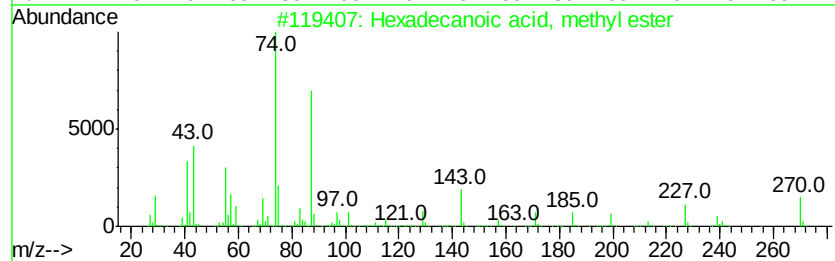
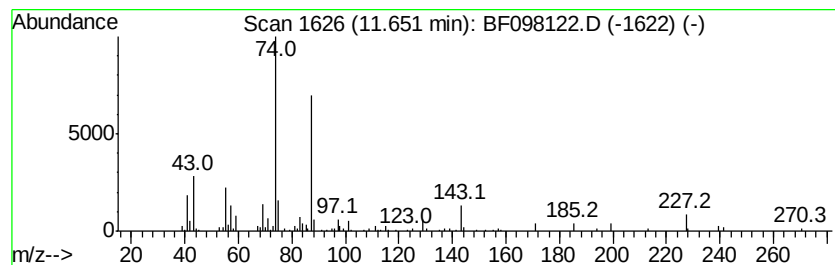
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.10 ng	141066	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
2			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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Acq On : 29 Aug 2017 20:33
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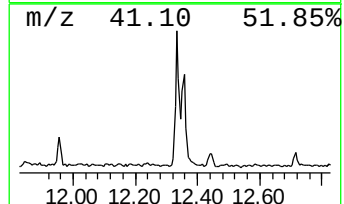
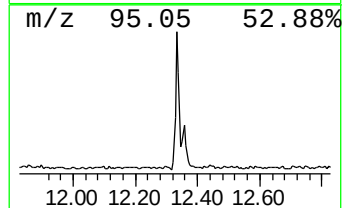
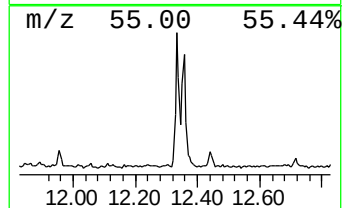
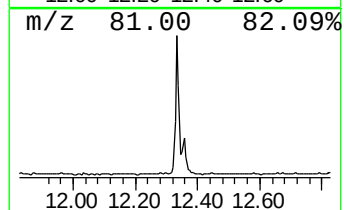
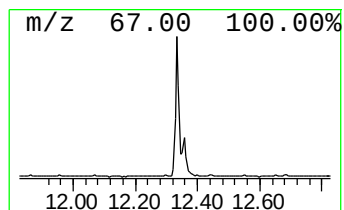
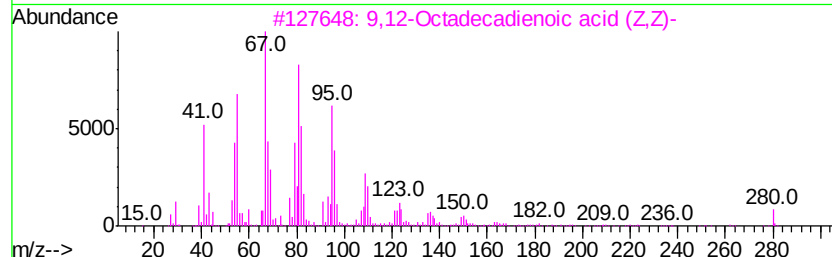
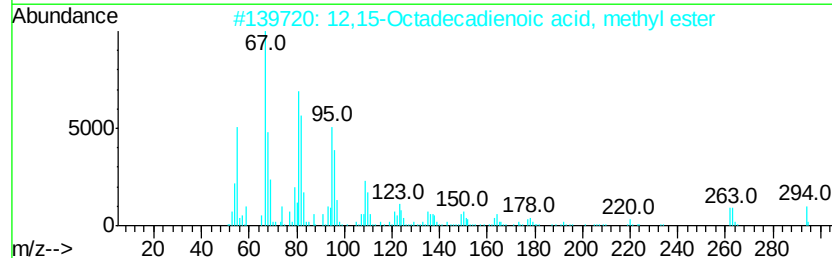
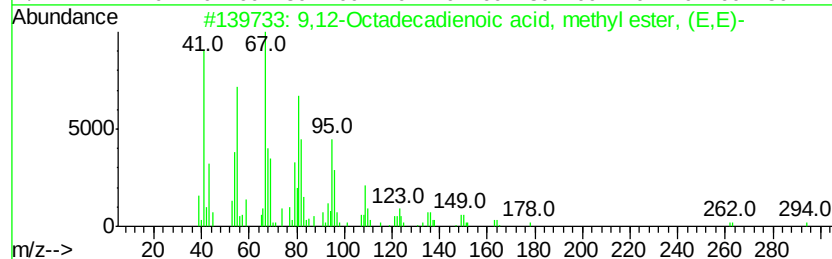
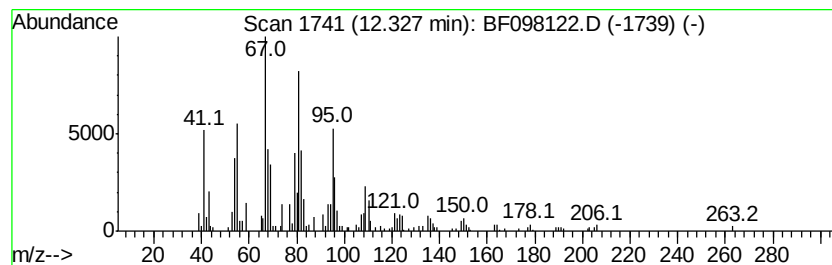
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	10.65 ng	484378	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	98
3		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
4		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098122.D
Acq On : 29 Aug 2017 20:33
Operator : SJ/JU
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ClientSampleId :
HR-05-082517

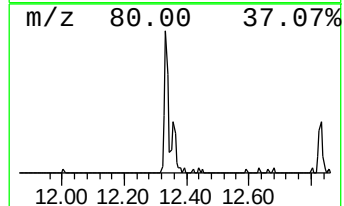
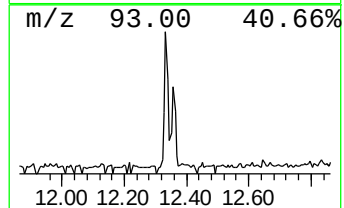
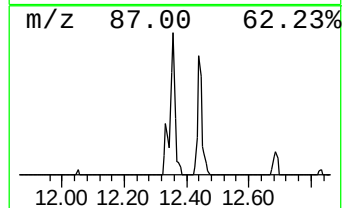
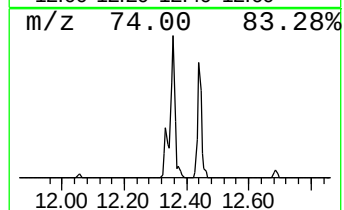
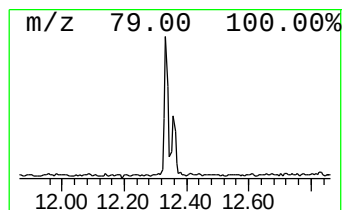
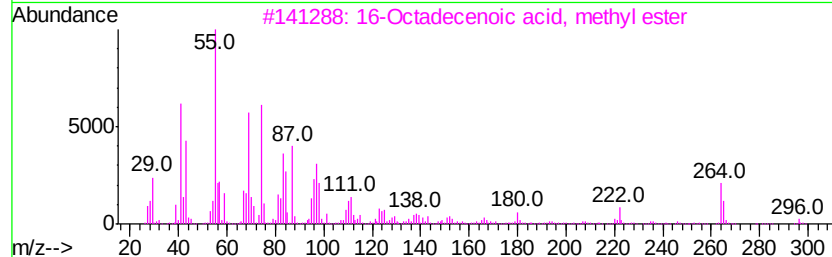
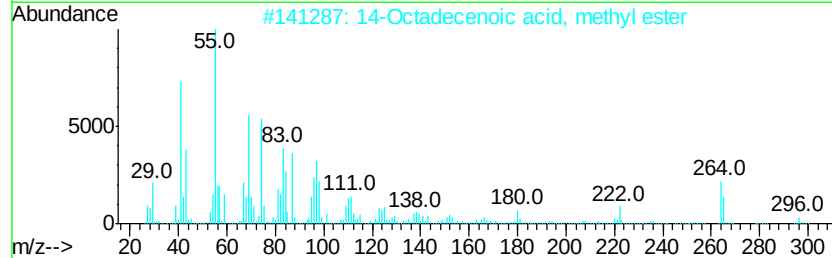
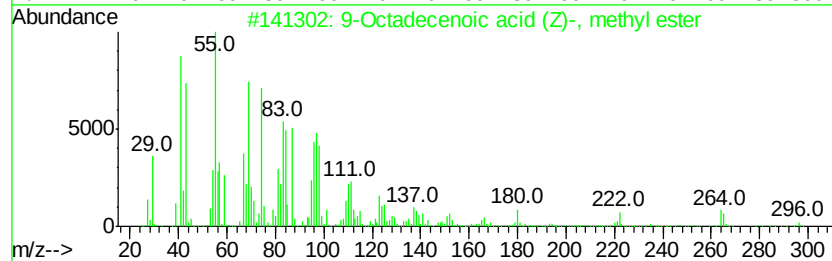
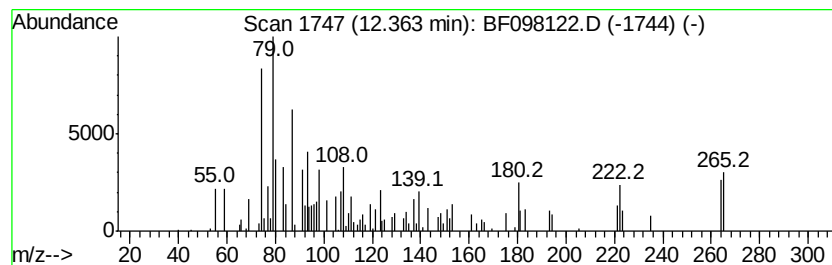
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.96 ng	271123	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
2			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	76
3			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	68
4			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	68
5			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
 Data File : BF098122.D
 Acq On : 29 Aug 2017 20:33
 Operator : SJ/JU
 Sample : I4993-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-082517

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
unknown6.49	6.49	10.3	ng	444760	1	6.73	862762	20.0
Undecane, 2,6-dim...	8.08	3.8	ng	293069	2	8.02	1534390	20.0
Cyclohexane, (4-m...	8.31	3.7	ng	286177	2	8.02	1534390	20.0
Dodecane, 2,6,11-...	8.45	6.1	ng	466908	2	8.02	1534390	20.0
Nonane, 5-butyl-	8.62	9.9	ng	756316	2	8.02	1534390	20.0
Dodecane	8.71	2.9	ng	218775	2	8.02	1534390	20.0
Octadecane	8.98	2.4	ng	137485	3	9.77	1125220	20.0
9-methylheptadecane	9.18	14.2	ng	796444	3	9.77	1125220	20.0
Decane, 2,3,5-tri...	9.70	8.2	ng	461962	3	9.77	1125220	20.0
Tetratetracontane	10.03	2.7	ng	150355	3	9.77	1125220	20.0
Pentadecane, 2,6,...	10.43	2.9	ng	160258	3	9.77	1125220	20.0
Eicosane, 10-methyl-	10.67	8.1	ng	369494	4	11.25	909338	20.0
Nonadecane	11.12	3.2	ng	146452	4	11.25	909338	20.0
Tridecane	11.15	2.3	ng	104928	4	11.25	909338	20.0
Hexadecanoic acid...	11.65	3.1	ng	141066	4	11.25	909338	20.0
9,12-Octadecadien...	12.33	10.7	ng	484378	4	11.25	909338	20.0
9-Octadecenoic ac...	12.36	6.0	ng	271123	4	11.25	909338	20.0