

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106447.D
 Acq On : 14 Jun 2018 17:30
 Operator : JU/SJ
 Sample : J3241-07 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-061318-A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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	5.184	481	484	492	rVB	48747	44617	4.35%	0.264%
2	5.613	554	557	569	rVB	588957	573659	55.94%	3.394%
3	6.613	723	727	733	rBV	608863	597314	58.25%	3.534%
4	6.742	746	749	753	rVB	717087	598353	58.35%	3.540%
5	6.966	783	787	790	rVB	884666	720614	70.27%	4.263%
6	7.119	807	813	816	rBV	618894	503486	49.10%	2.979%
7	7.231	826	832	835	rBV4	30741	31831	3.10%	0.188%
8	7.278	838	840	846	rVB3	21753	27766	2.71%	0.164%
9	7.360	851	854	856	rVV3	32432	27522	2.68%	0.163%
10	7.489	871	876	878	rBV3	55754	67137	6.55%	0.397%
11	7.519	878	881	884	rVV	396798	373808	36.45%	2.211%
12	7.548	884	886	890	rVB	59670	55641	5.43%	0.329%
13	7.601	890	895	899	rBV4	56512	85429	8.33%	0.505%
14	7.654	899	904	909	rBV6	24045	57690	5.63%	0.341%
15	7.731	914	917	919	rVV2	47000	41937	4.09%	0.248%
16	7.766	919	923	929	rVB5	55582	88008	8.58%	0.521%
17	7.860	936	939	941	rVB2	44965	35460	3.46%	0.210%
18	7.883	941	943	951	rVB4	79138	93868	9.15%	0.555%
19	7.948	951	954	957	rBV3	21987	31018	3.02%	0.183%
20	7.983	957	960	962	rBV	77831	61673	6.01%	0.365%
21	8.054	969	972	975	rBV3	37538	46026	4.49%	0.272%
22	8.113	979	982	985	rBV2	48767	46241	4.51%	0.274%
23	8.142	985	987	989	rBV3	30604	28315	2.76%	0.168%
24	8.189	993	995	997	rVV2	42550	36052	3.52%	0.213%
25	8.213	997	999	1001	rVV	118214	115663	11.28%	0.684%
26	8.248	1001	1005	1008	rVV	1149925	990268	96.57%	5.858%
27	8.295	1010	1013	1015	rVB	152686	141172	13.77%	0.835%
28	8.330	1015	1019	1024	rBV7	65403	86875	8.47%	0.514%
29	8.419	1031	1034	1036	rVV3	37919	29331	2.86%	0.174%
30	8.442	1036	1038	1043	rVB2	79219	67137	6.55%	0.397%
31	8.489	1044	1046	1050	rBV2	33466	43189	4.21%	0.256%
32	8.530	1050	1053	1057	rVB4	143057	151603	14.78%	0.897%
33	8.589	1057	1063	1065	rBV5	43042	84065	8.20%	0.497%
34	8.613	1065	1067	1068	rVV2	40517	34475	3.36%	0.204%

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35	8.654	1071	1074	1076	rVV	211040	152524	14.87%	0.902%
36	8.683	1076	1079	1081	rVV	63666	65471	6.38%	0.387%
37	8.707	1081	1083	1087	rVB4	42584	41591	4.06%	0.246%
38	8.748	1087	1090	1092	rBV	139070	101901	9.94%	0.603%
39	8.783	1092	1096	1098	rVV3	49655	51422	5.01%	0.304%
40	8.807	1098	1100	1101	rVV2	38805	37728	3.68%	0.223%
41	8.825	1101	1103	1105	rVV	234336	172655	16.84%	1.021%
42	8.860	1107	1109	1112	rVV4	55363	75253	7.34%	0.445%
43	8.907	1112	1117	1124	rVB5	98540	207172	20.20%	1.226%
44	8.989	1129	1131	1133	rVB2	44000	31737	3.09%	0.188%
45	9.019	1133	1136	1138	rBV3	52074	59287	5.78%	0.351%
46	9.066	1141	1144	1146	rVV2	137972	109148	10.64%	0.646%
47	9.107	1149	1151	1152	rVV2	51103	44057	4.30%	0.261%
48	9.148	1155	1158	1161	rVB3	70751	94460	9.21%	0.559%
49	9.189	1161	1165	1167	rBV4	90185	107629	10.50%	0.637%
50	9.213	1167	1169	1170	rVV	38620	30857	3.01%	0.183%
51	9.230	1170	1172	1174	rVV3	41395	32540	3.17%	0.193%
52	9.254	1174	1176	1178	rVV	257605	176538	17.22%	1.044%
53	9.283	1178	1181	1183	rVB3	35820	40745	3.97%	0.241%
54	9.319	1184	1187	1191	rVB	867108	676160	65.94%	4.000%
55	9.389	1196	1199	1203	rBV	341207	321641	31.37%	1.903%
56	9.472	1211	1213	1215	rVB	79644	56947	5.55%	0.337%
57	9.583	1229	1232	1237	rVB6	57063	88735	8.65%	0.525%
58	9.630	1237	1240	1241	rBV3	50817	48966	4.77%	0.290%
59	9.683	1247	1249	1251	rVB2	38202	27448	2.68%	0.162%
60	9.713	1251	1254	1262	rVB3	329095	410824	40.06%	2.430%
61	9.772	1262	1264	1267	rBV3	56636	65200	6.36%	0.386%
62	9.819	1270	1272	1274	rVB2	53014	36860	3.59%	0.218%
63	9.866	1277	1280	1282	rBV3	51783	48679	4.75%	0.288%
64	9.919	1286	1289	1294	rVB	362742	292796	28.55%	1.732%
65	10.007	1298	1304	1307	rBV	1022297	874276	85.26%	5.172%
66	10.107	1318	1321	1325	rVB3	32023	40249	3.92%	0.238%
67	10.148	1325	1328	1331	rBV4	37348	58375	5.69%	0.345%
68	10.177	1331	1333	1335	rVV	53012	45527	4.44%	0.269%
69	10.207	1335	1338	1341	rVB3	57784	63101	6.15%	0.373%
70	10.242	1341	1344	1349	rBV3	114476	125321	12.22%	0.741%
71	10.277	1349	1350	1354	rVB	36953	27035	2.64%	0.160%

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72	10.319	1354	1357	1359	rBV	61904	58639	5.72%	0.347%
73	10.419	1369	1374	1377	rBV	321356	280574	27.36%	1.660%
74	10.642	1407	1412	1414	rBV	136017	137329	13.39%	0.812%
75	10.760	1430	1432	1435	rVB3	38565	31259	3.05%	0.185%
76	10.795	1435	1438	1442	rBV	348425	294111	28.68%	1.740%
77	10.895	1452	1455	1461	rBV2	240716	356489	34.76%	2.109%
78	11.089	1485	1488	1492	rBV5	18726	29297	2.86%	0.173%
79	11.342	1528	1531	1534	rBV	140701	98549	9.61%	0.583%
80	11.371	1534	1536	1539	rVB	75971	60649	5.91%	0.359%
81	11.495	1553	1557	1560	rBV	855266	769959	75.08%	4.555%
82	11.519	1560	1561	1566	rVB	123220	87277	8.51%	0.516%
83	11.771	1601	1604	1607	rVB	90198	67147	6.55%	0.397%
84	11.871	1618	1621	1625	rVB	61649	50235	4.90%	0.297%
85	12.113	1658	1662	1664	rBV2	23939	28247	2.75%	0.167%
86	12.177	1671	1673	1676	rBV	62046	46000	4.49%	0.272%
87	12.560	1734	1738	1740	rBV3	219732	216764	21.14%	1.282%
88	12.583	1740	1742	1744	rVV	166139	138542	13.51%	0.820%
89	12.666	1753	1756	1760	rVB	38551	43475	4.24%	0.257%
90	12.713	1760	1764	1767	rBV	211918	177009	17.26%	1.047%
91	12.942	1797	1803	1809	rBV	217945	221327	21.58%	1.309%
92	13.077	1819	1826	1830	rBV	723208	625150	60.96%	3.698%
93	13.154	1836	1839	1843	rBV4	22150	38929	3.80%	0.230%
94	13.265	1856	1858	1861	rVB2	34534	33086	3.23%	0.196%
95	13.371	1873	1876	1879	rBV3	26645	39601	3.86%	0.234%
96	13.642	1919	1922	1924	rBV	36412	31637	3.09%	0.187%
97	14.154	2004	2009	2012	rBV	1038713	1025477	100.00%	6.067%
98	14.177	2012	2013	2021	rVB	95047	85248	8.31%	0.504%
99	15.242	2191	2194	2202	rBV	68120	132766	12.95%	0.785%
100	15.701	2268	2272	2281	rVB	546696	740825	72.24%	4.383%

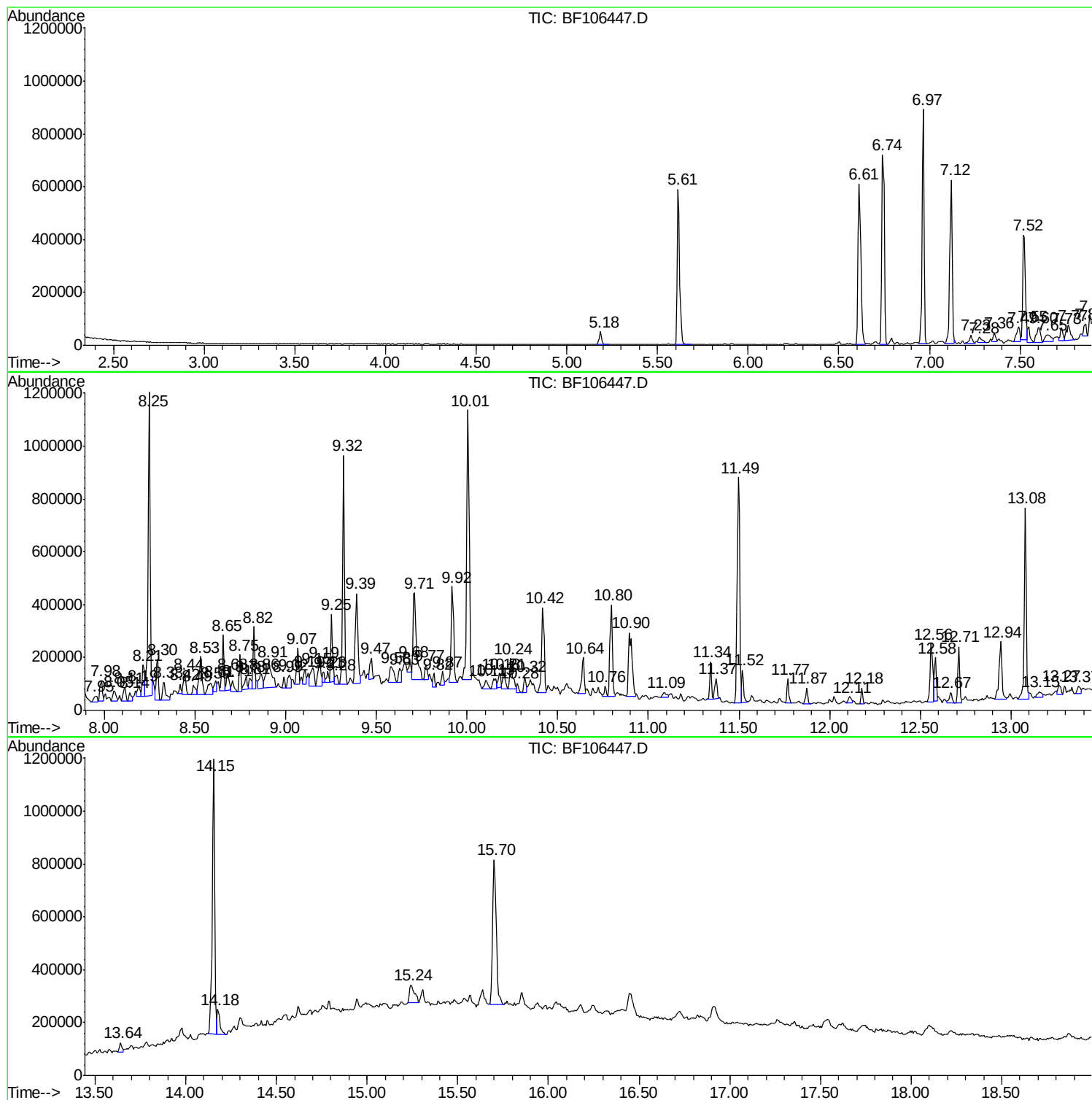
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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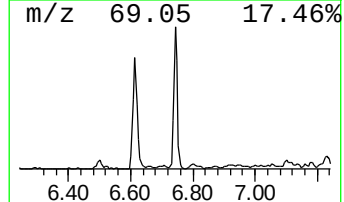
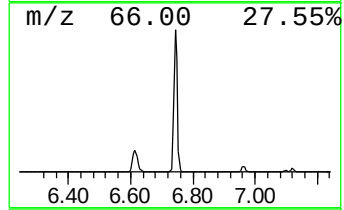
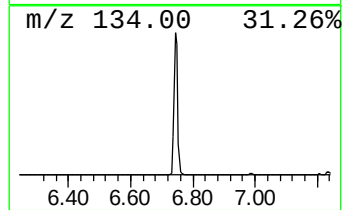
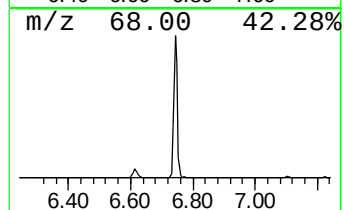
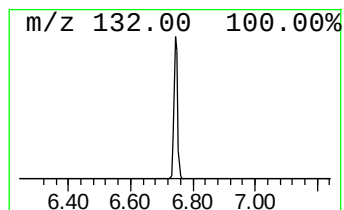
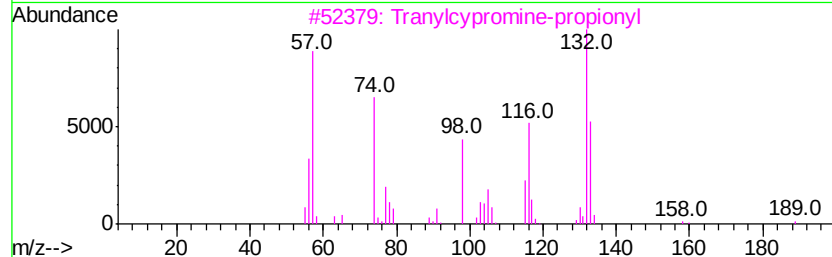
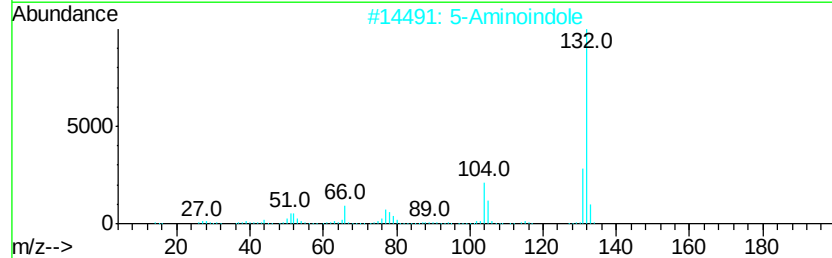
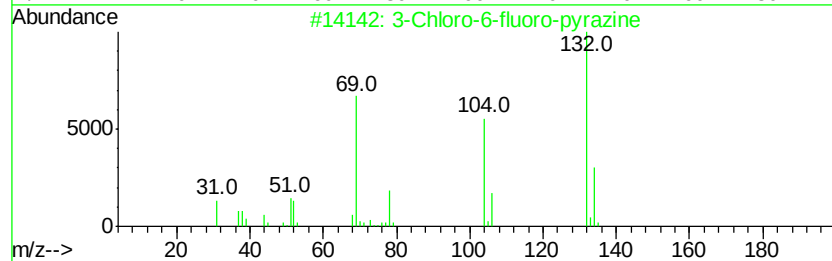
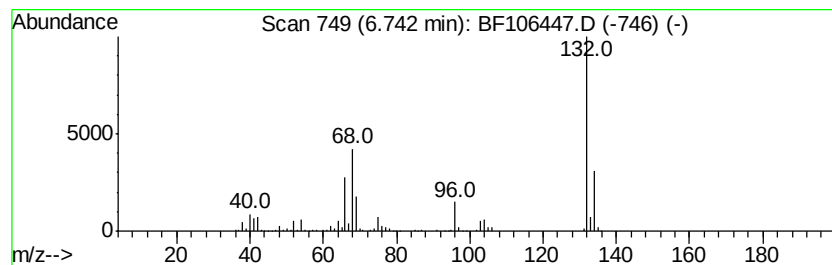
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	16.61 ng	598353	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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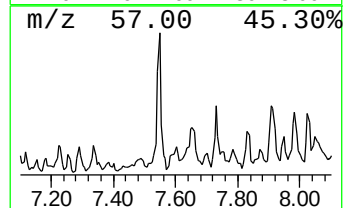
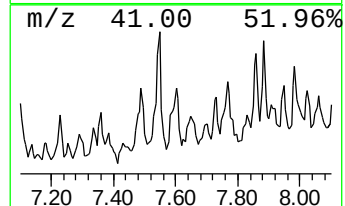
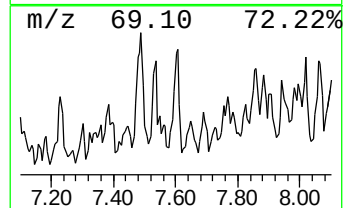
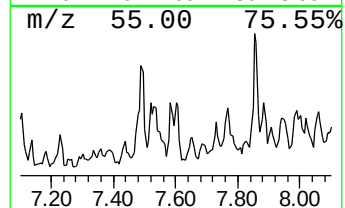
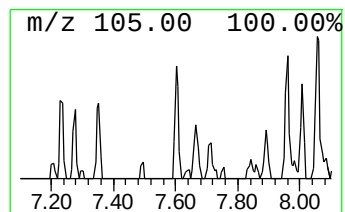
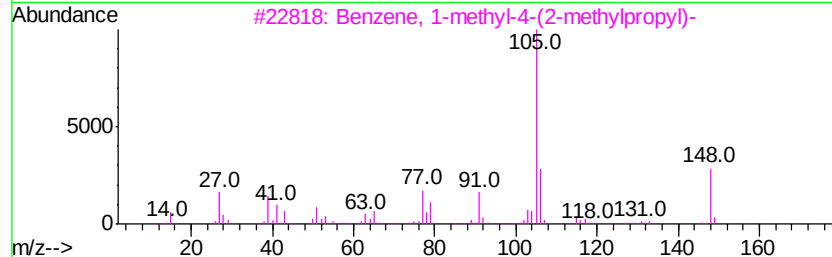
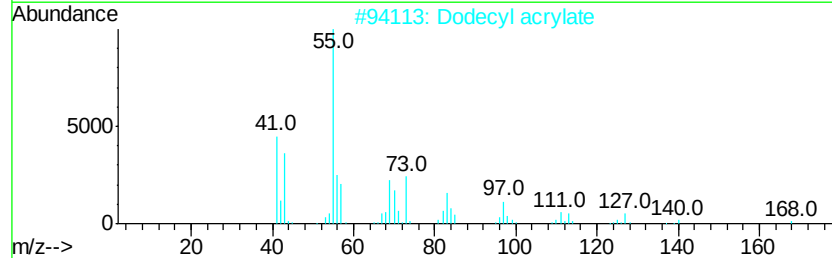
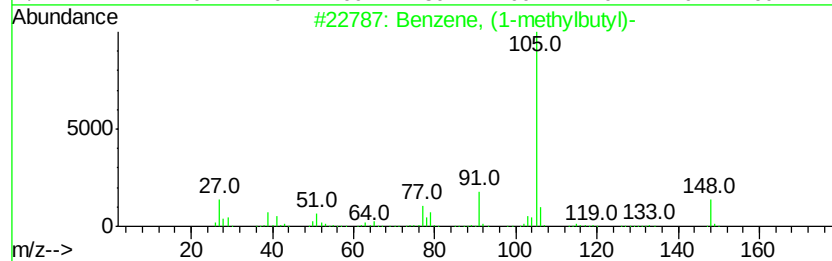
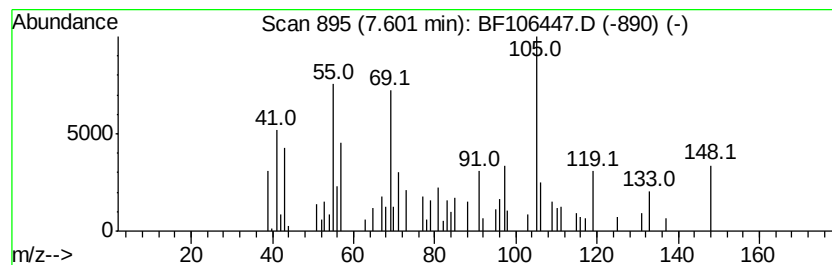
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.60 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.37 ng	85429	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	11
2		Dodecyl acrylate	240	C15H28O2	002156-97-0	10
3		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	10
4		1,19-Eicosadiene	278	C20H38	014811-95-1	10
5		Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	10



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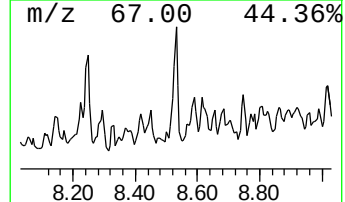
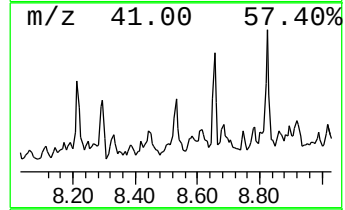
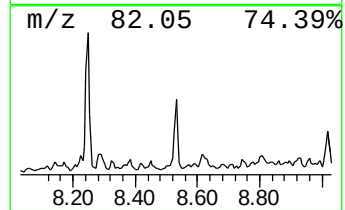
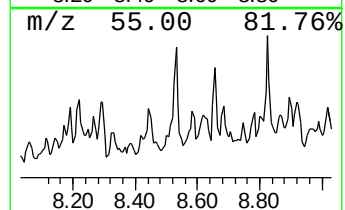
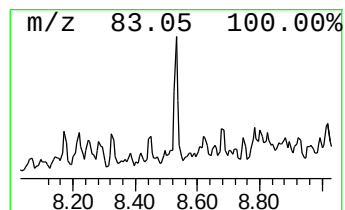
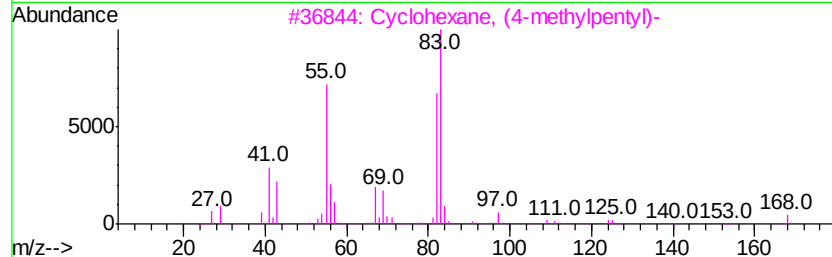
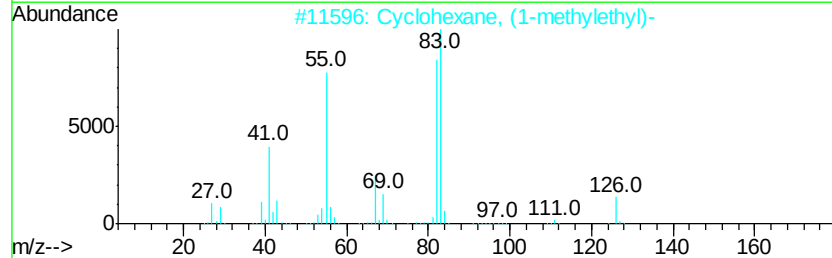
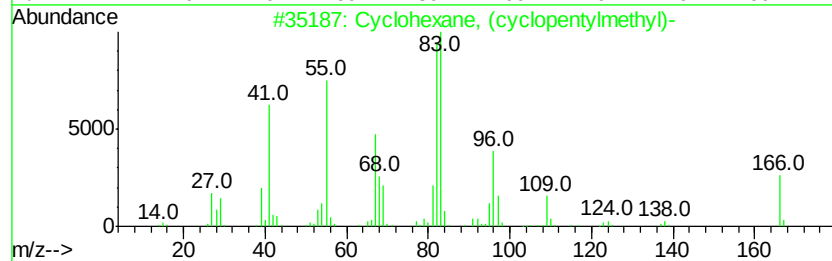
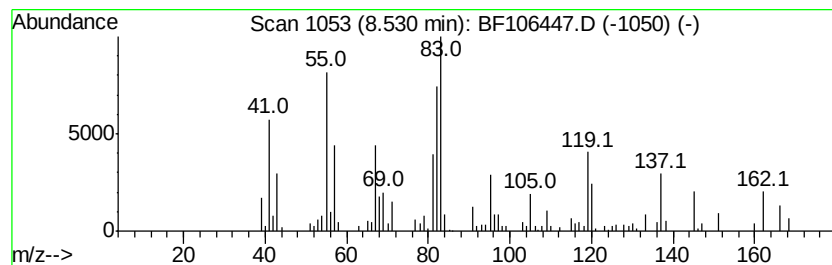
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, (cyclopentylme... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	3.06 ng	151603	Naphthalene-d8	8.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	50
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	45
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
Operator : JU/SJ
Sample : J3241-07 5X
Misc :
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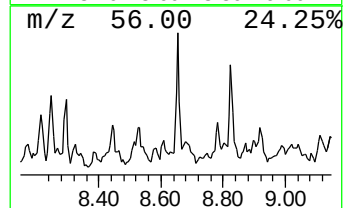
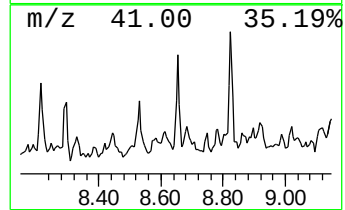
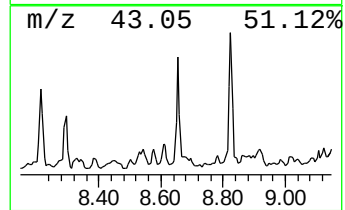
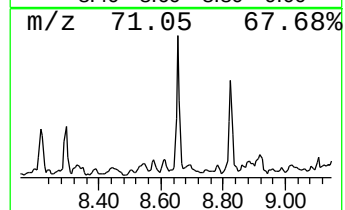
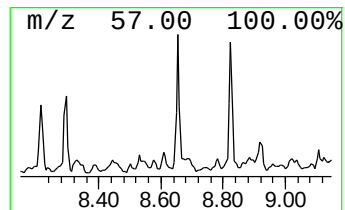
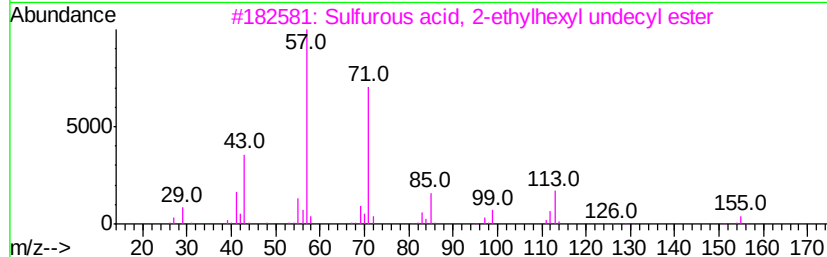
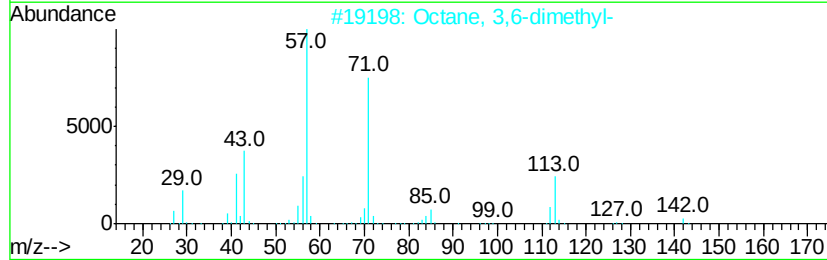
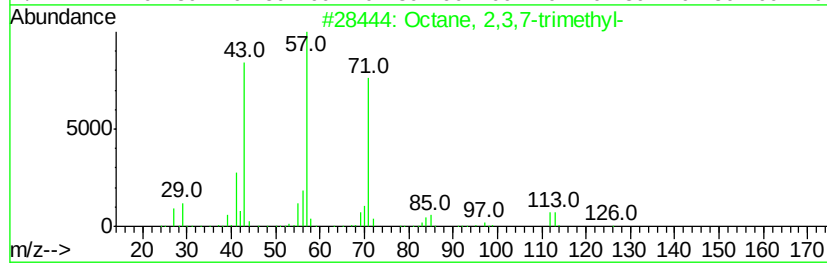
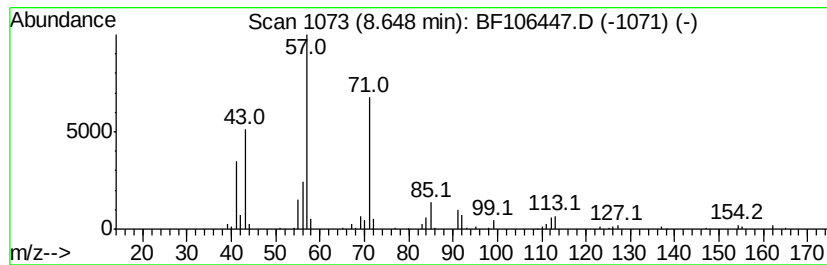
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ClientSampled :
HR-05-061318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,3,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	3.08 ng	152524	Napthalene-d8	8.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6	78
2	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	72
3	Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4	64
4	Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3	64
5	Sulfurous acid, 2-ethylhexyl tri...	376 C21H44O3S	1000309-19-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
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Sample : J3241-07 5X
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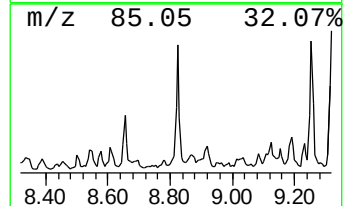
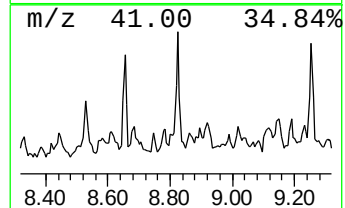
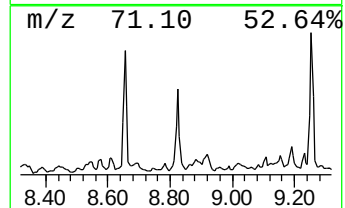
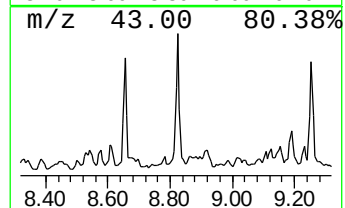
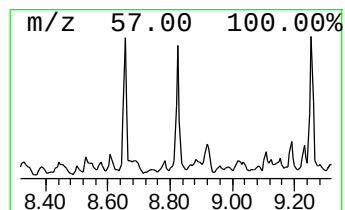
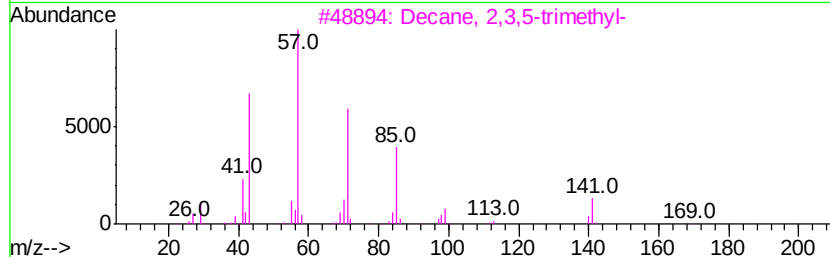
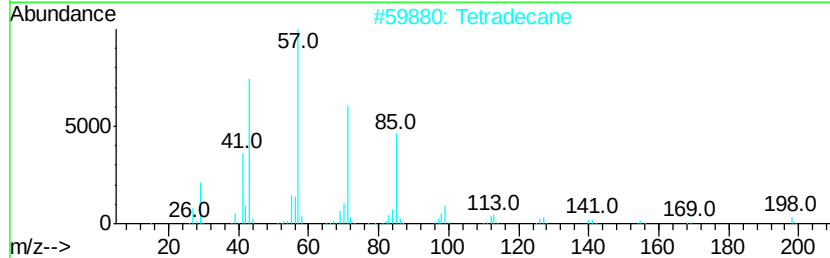
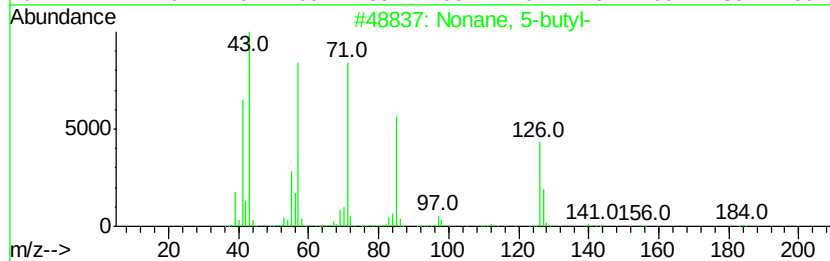
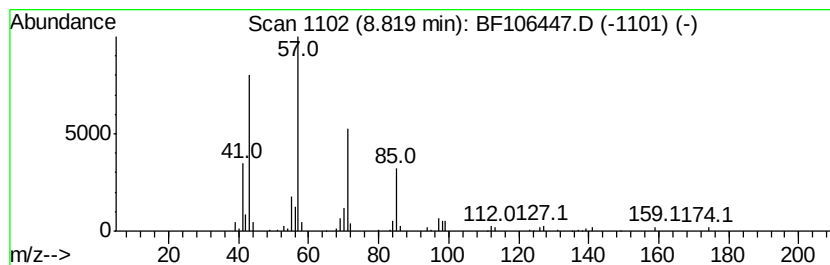
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 5-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.82	3.49 ng	172655	Naphthalene-d8	8.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
2	Tetradecane	198	C14H30	000629-59-4	80
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
5	Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
Operator : JU/SJ
Sample : J3241-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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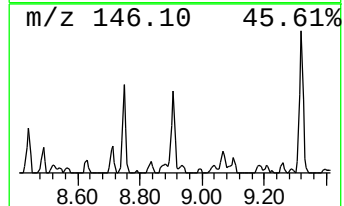
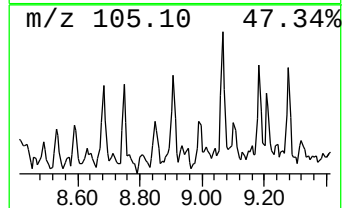
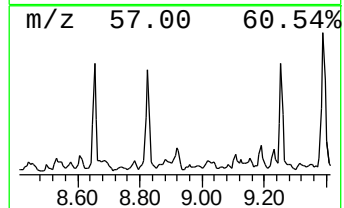
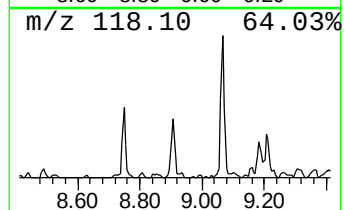
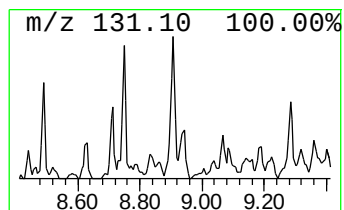
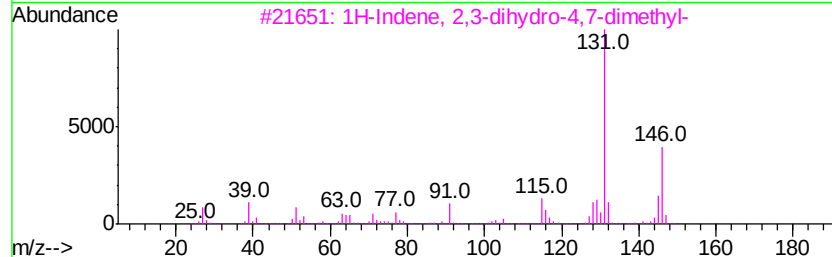
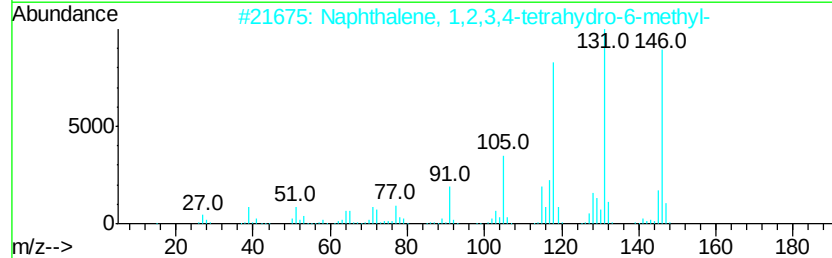
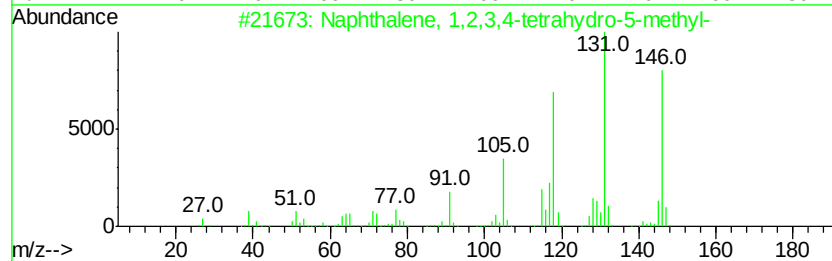
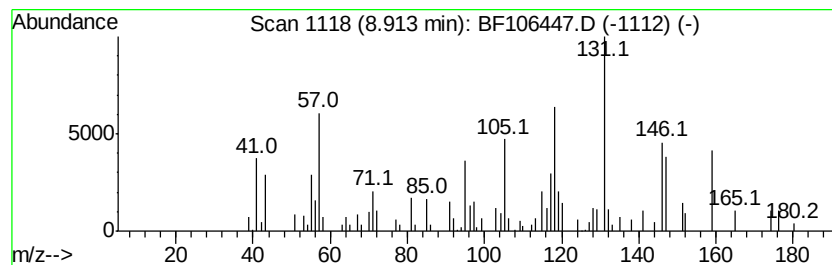
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	4.18 ng	207172	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
Operator : JU/SJ
Sample : J3241-07 5X
Misc :
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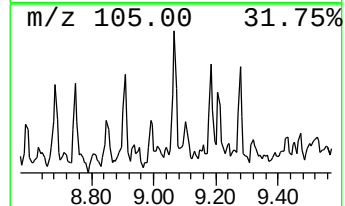
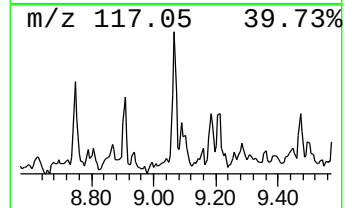
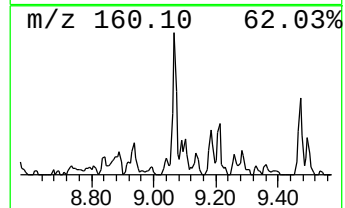
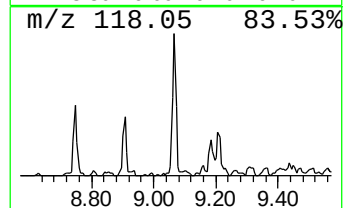
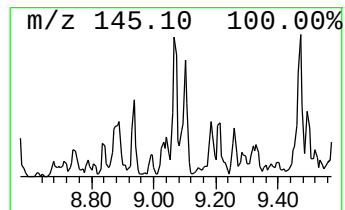
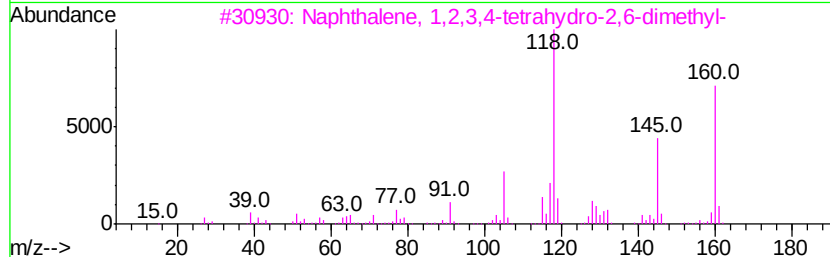
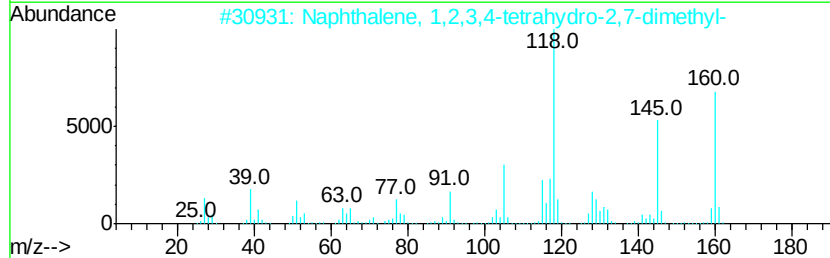
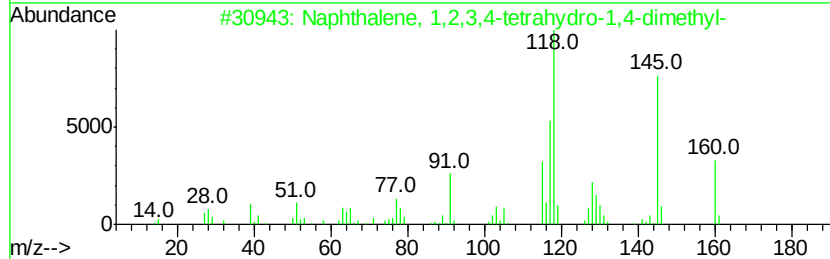
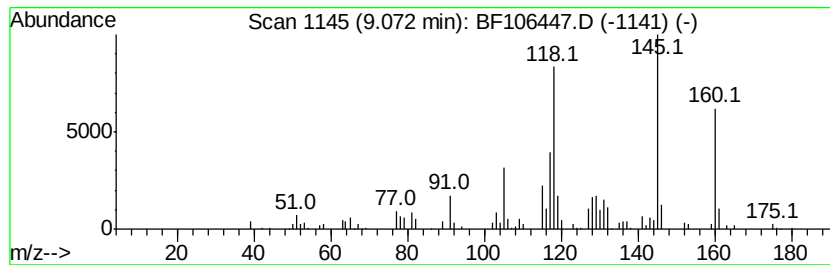
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.20 ng	109148	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
4		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	64
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
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Misc :
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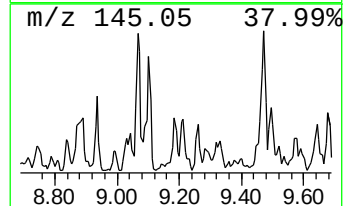
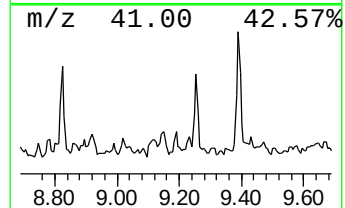
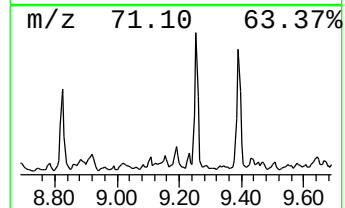
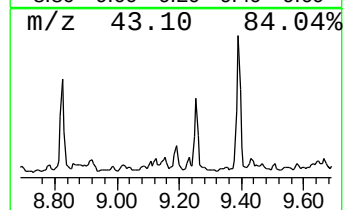
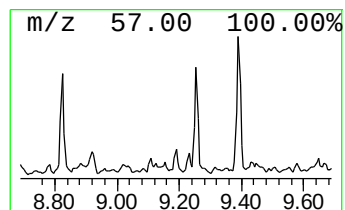
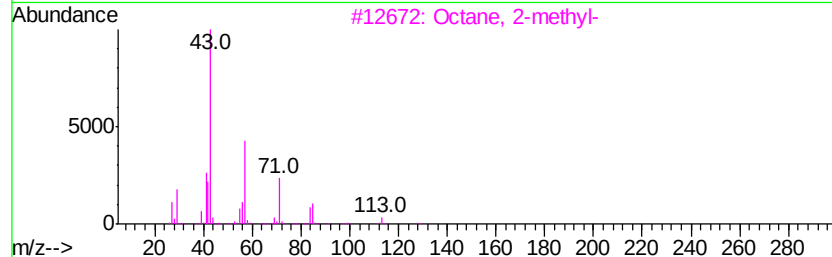
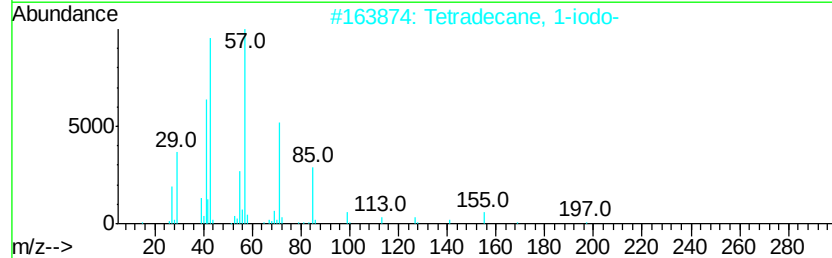
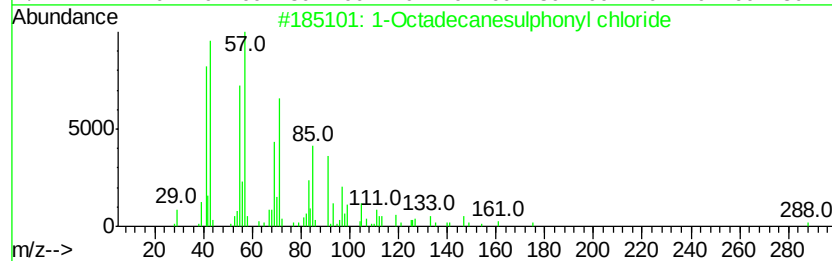
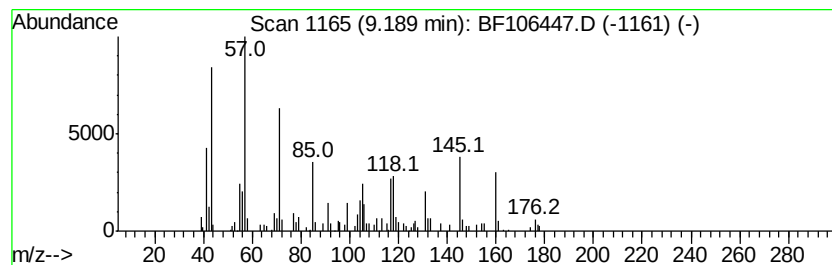
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.19 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.46 ng	107629	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	25
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	18
3		Octane, 2-methyl-	128	C9H20	003221-61-2	18
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	14
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
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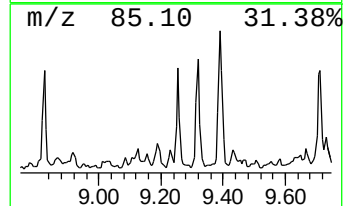
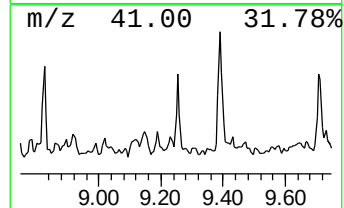
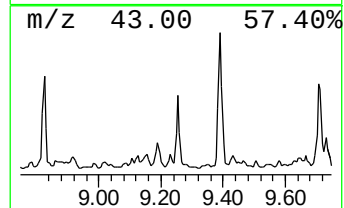
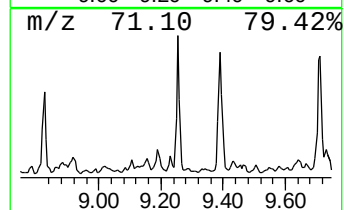
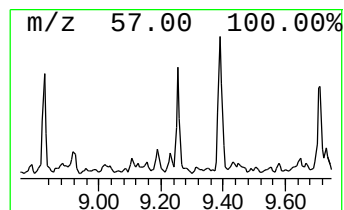
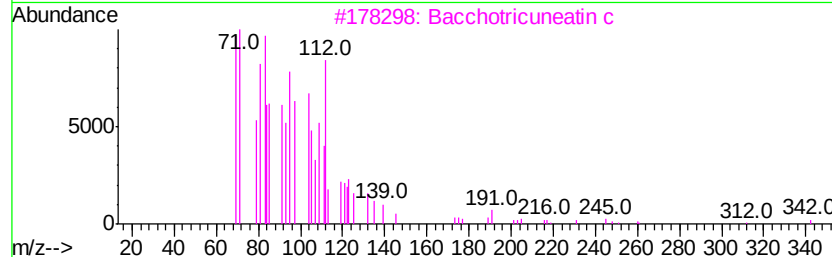
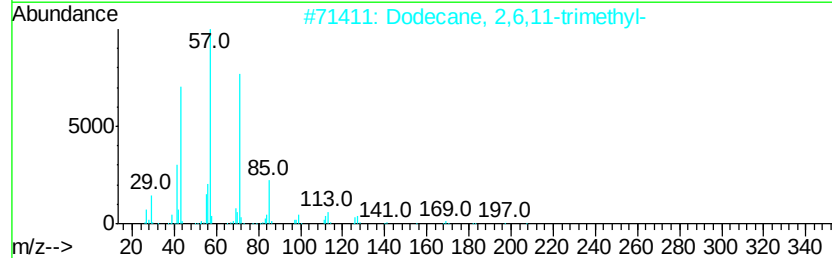
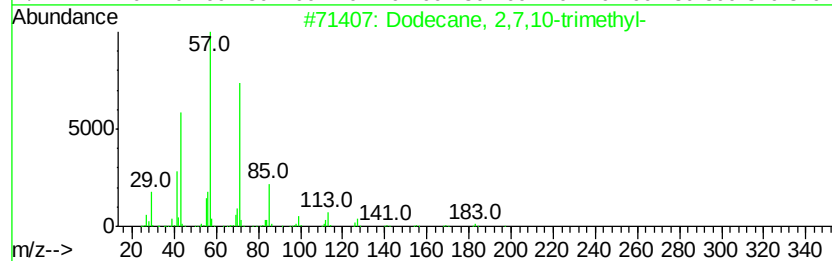
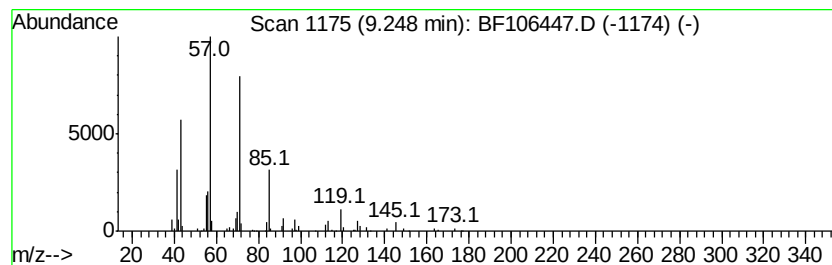
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	4.04 ng	176538	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
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ClientSampleId :
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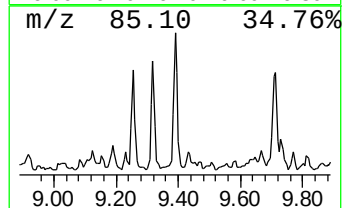
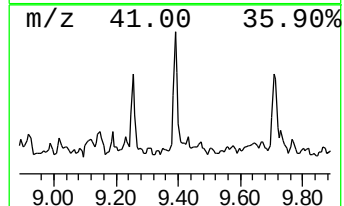
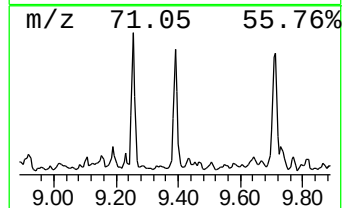
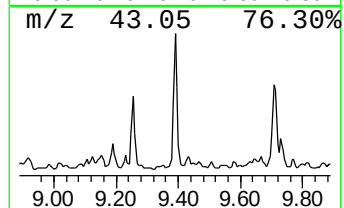
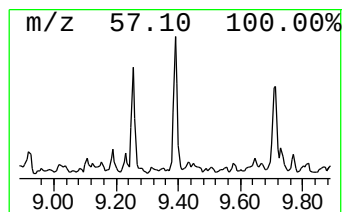
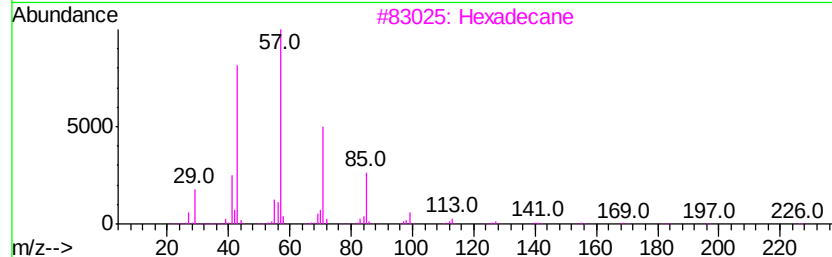
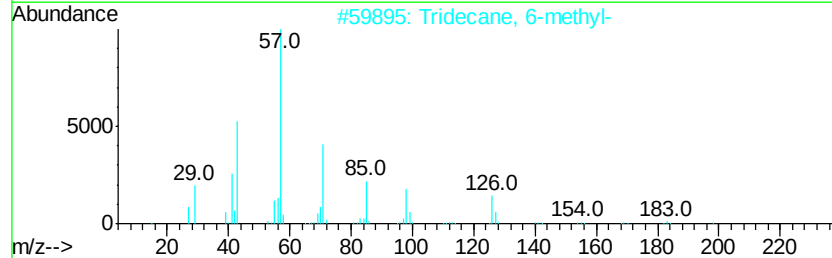
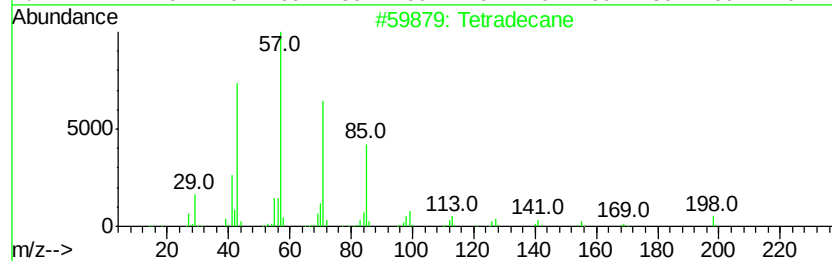
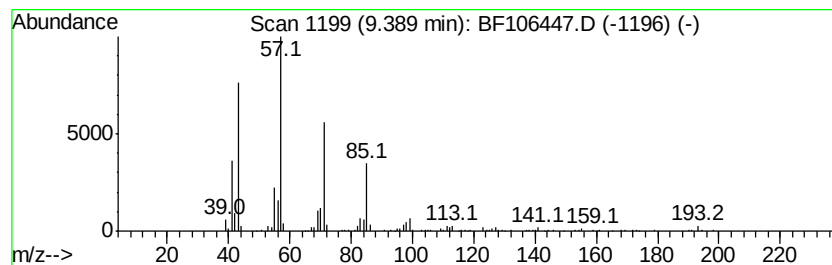
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	7.36 ng	321641	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
Operator : JU/SJ
Sample : J3241-07 5X
Misc :
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Instrument :
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ClientSampleId :
HR-05-061318-A

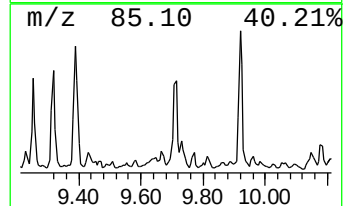
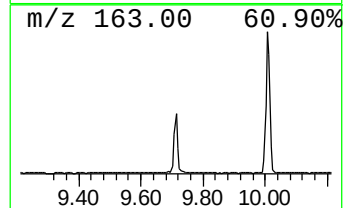
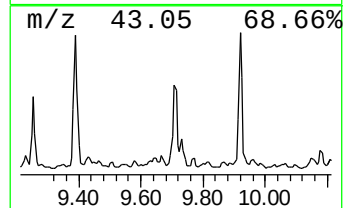
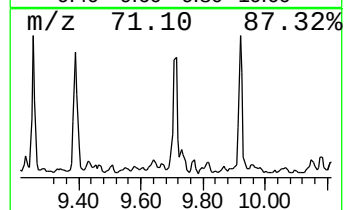
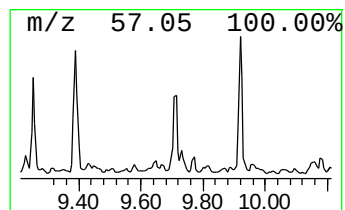
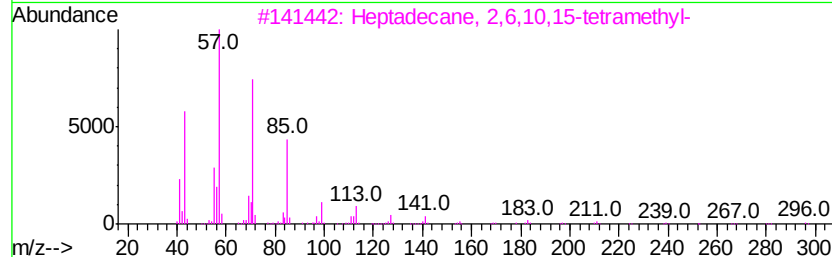
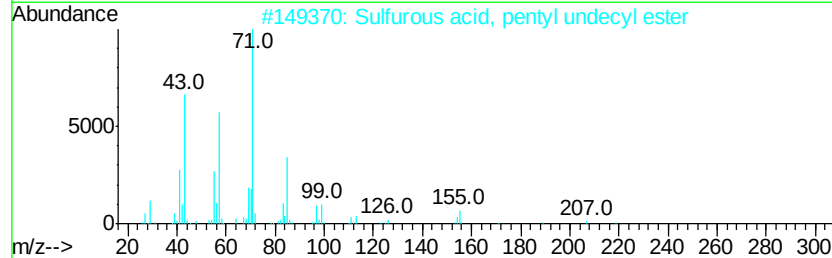
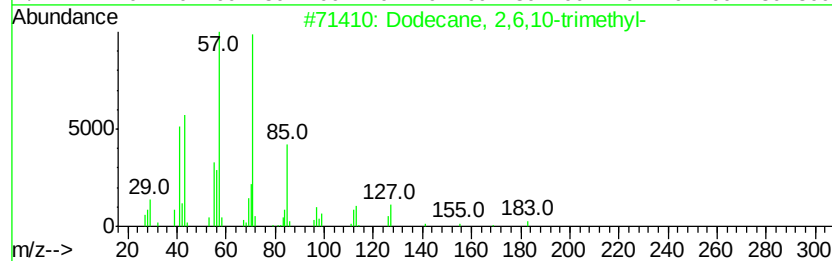
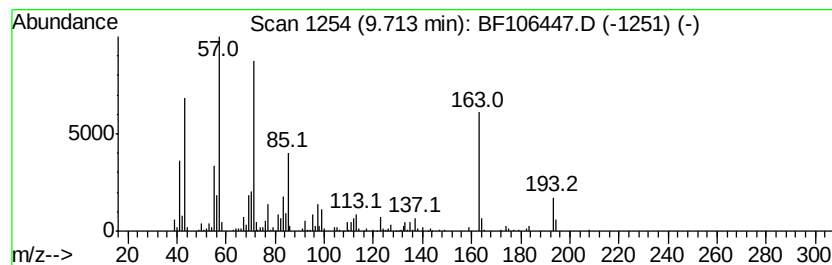
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	9.40 ng	410824	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
2			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	58
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50
5			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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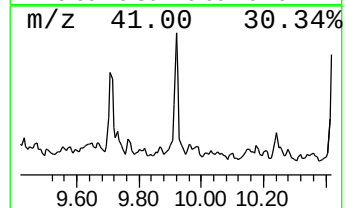
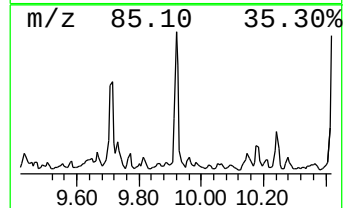
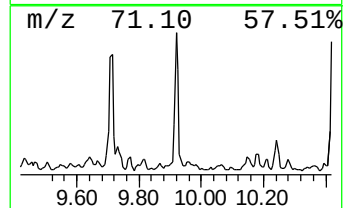
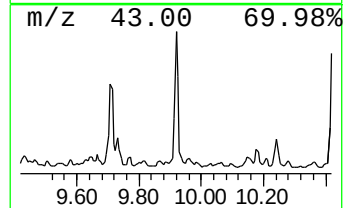
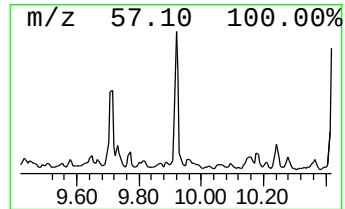
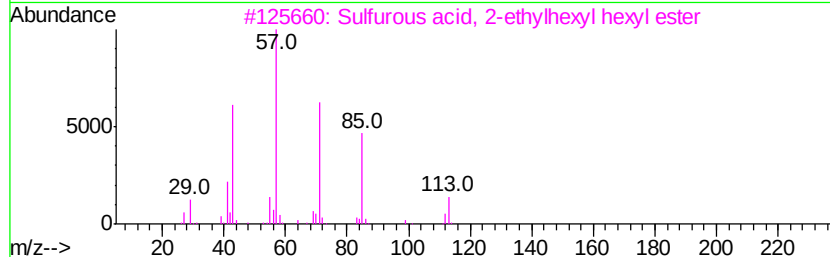
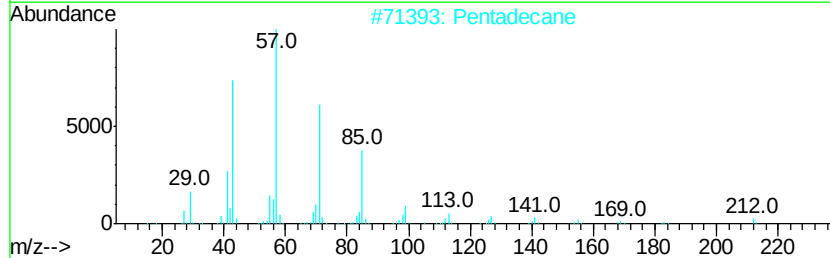
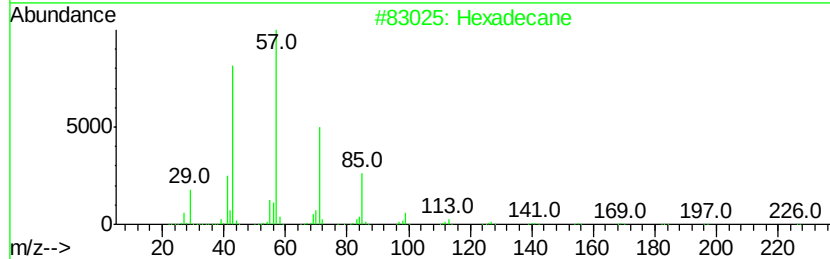
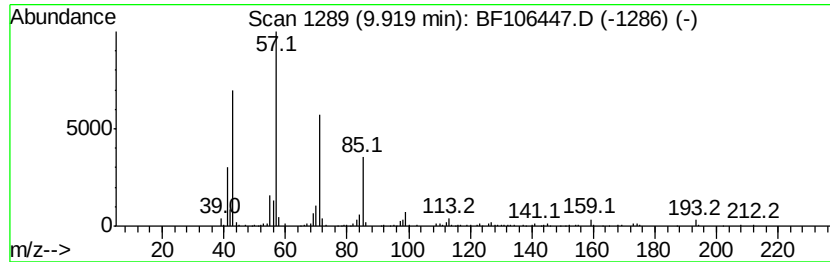
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.70 ng	292796	Acenaphthene-d10	10.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
4	Tetradecane		198	C14H30	000629-59-4	80
5	Undecane, 6-ethyl-		184	C13H28	017312-60-6	78



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Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
Operator : JU/SJ
Sample : J3241-07 5X
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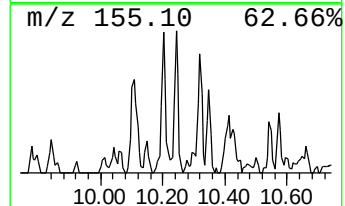
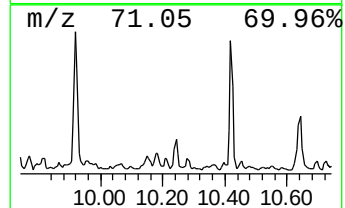
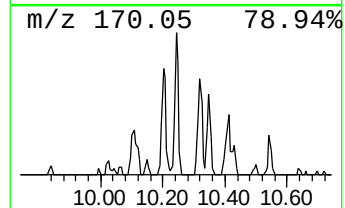
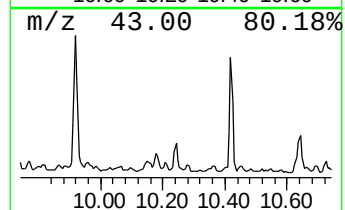
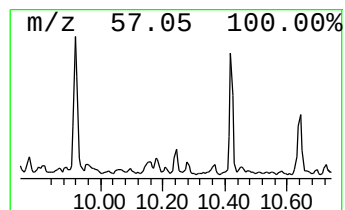
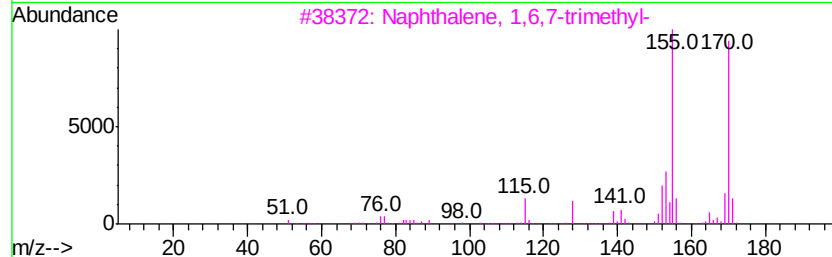
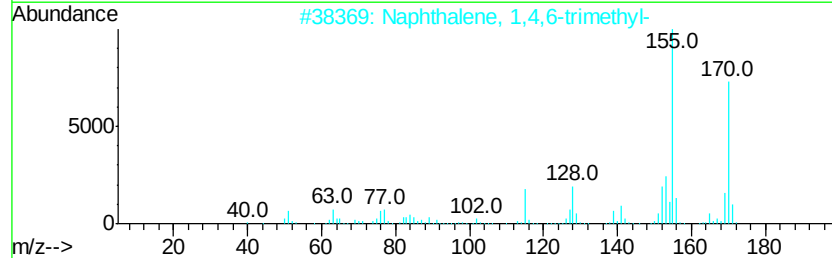
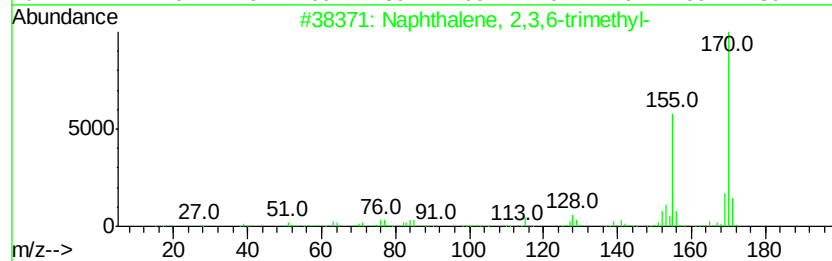
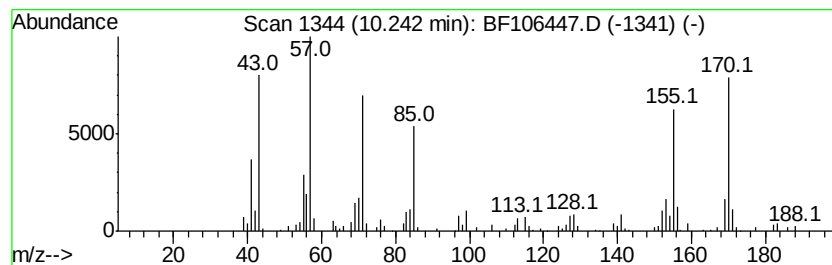
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.87 ng	125321	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78



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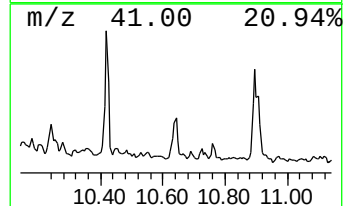
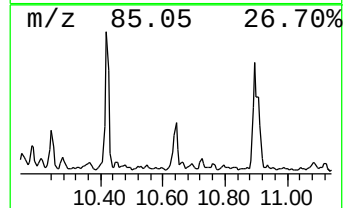
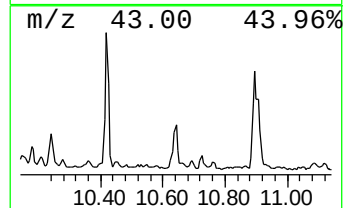
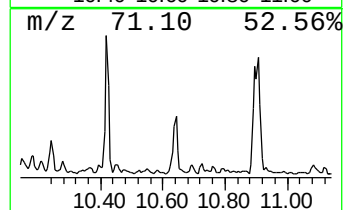
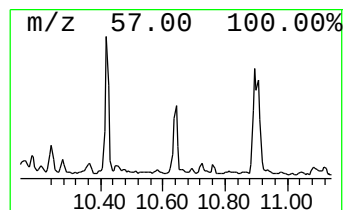
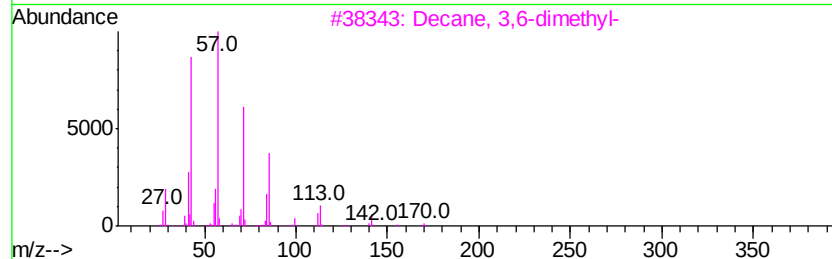
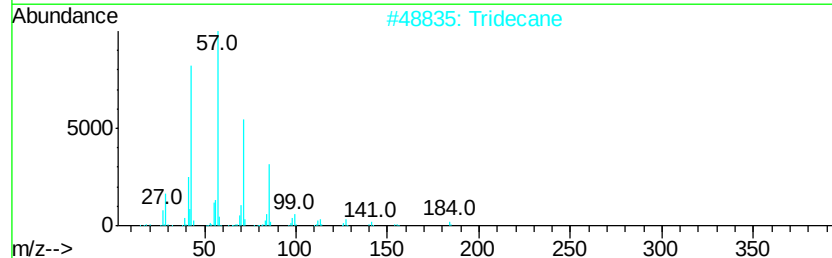
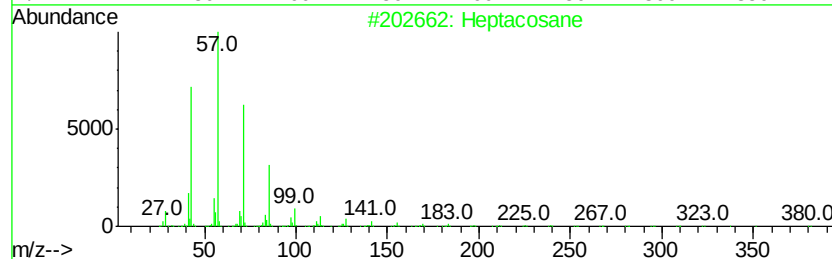
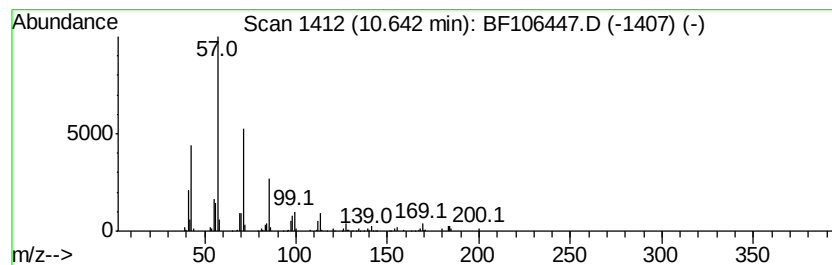
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.64	3.14 ng	137329	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Tridecane	184	C13H28	000629-50-5	83
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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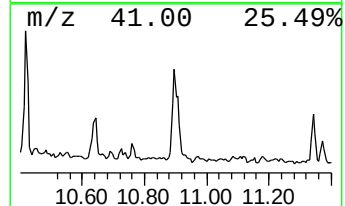
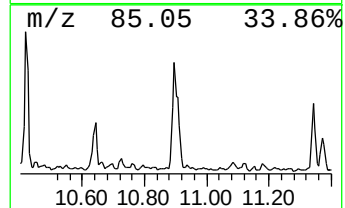
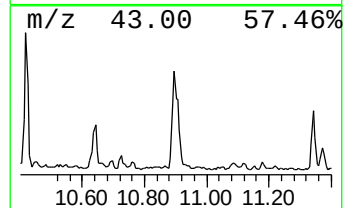
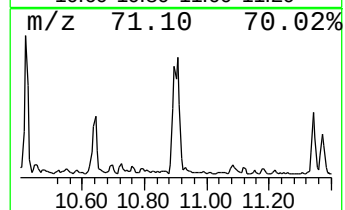
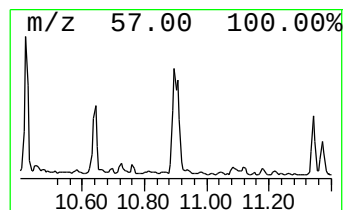
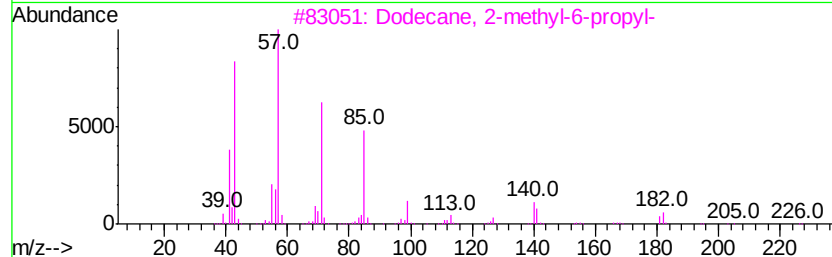
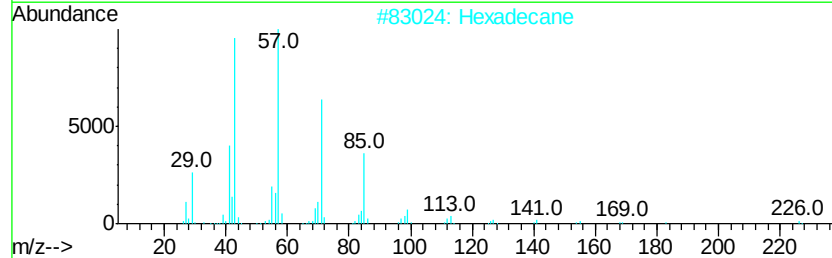
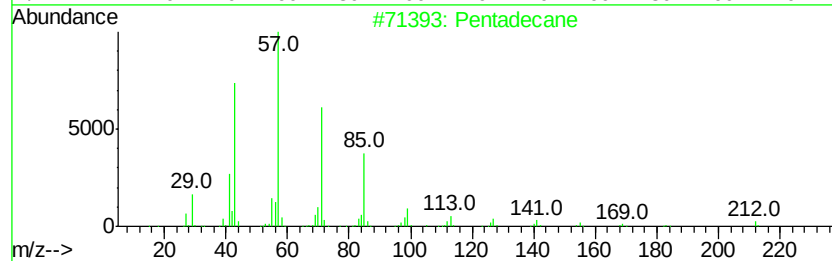
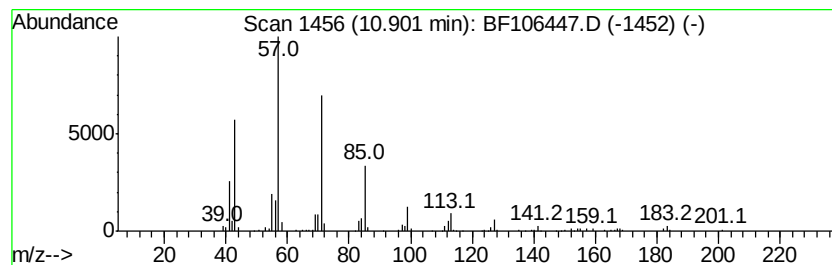
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.90	9.26 ng	356489	Phenanthrene-d10		11.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



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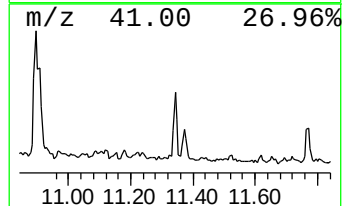
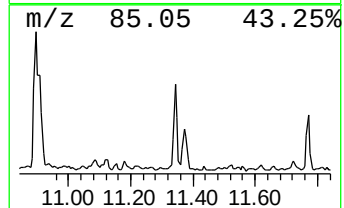
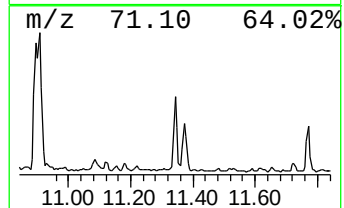
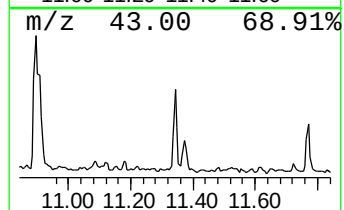
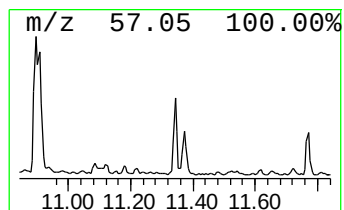
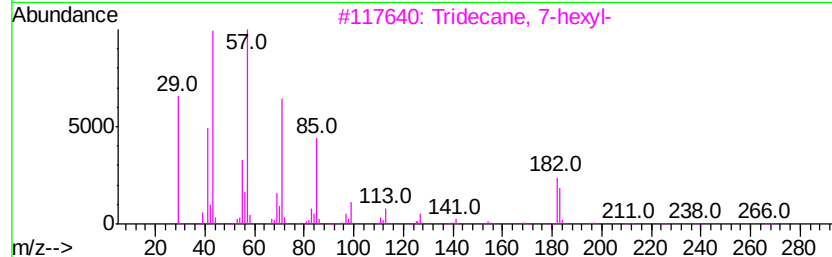
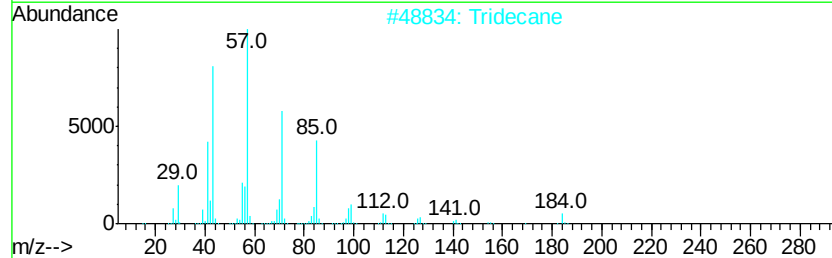
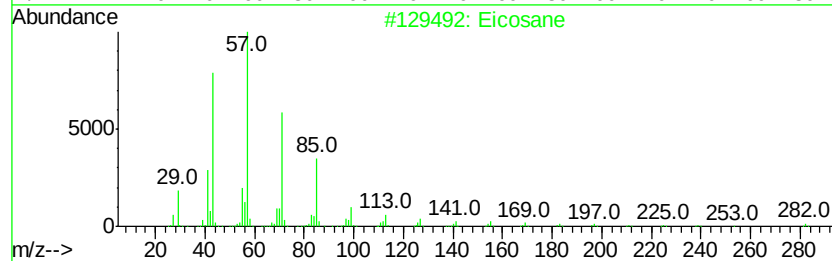
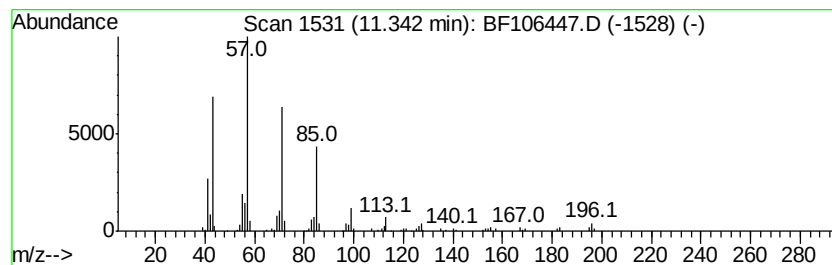
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.56 ng	98549	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Tridecane	184	C13H28	000629-50-5	86
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80



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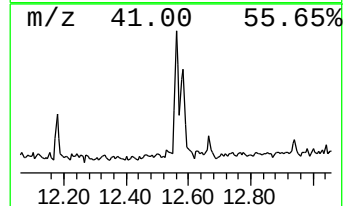
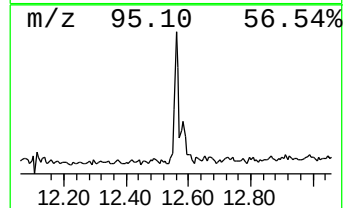
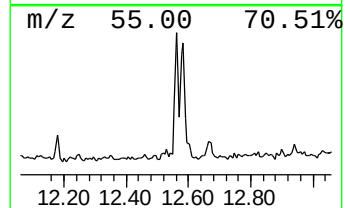
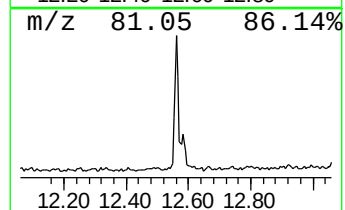
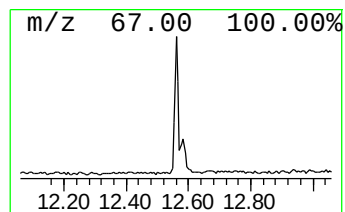
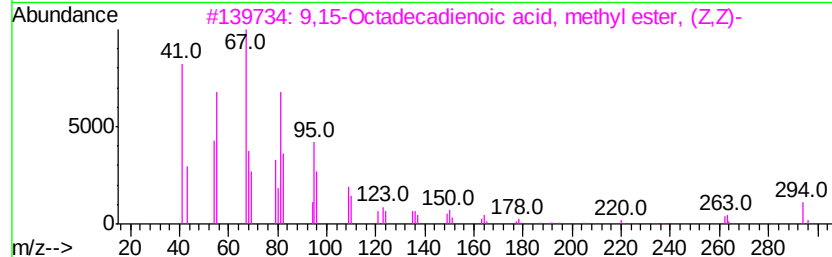
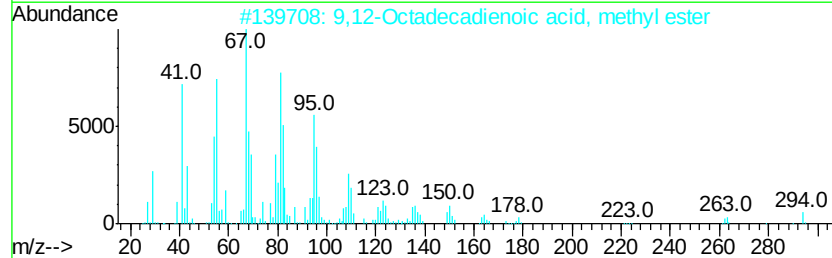
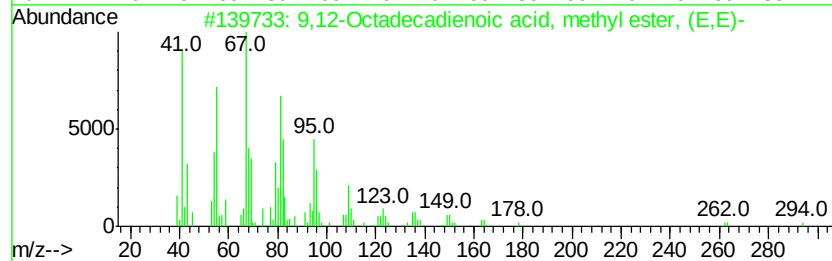
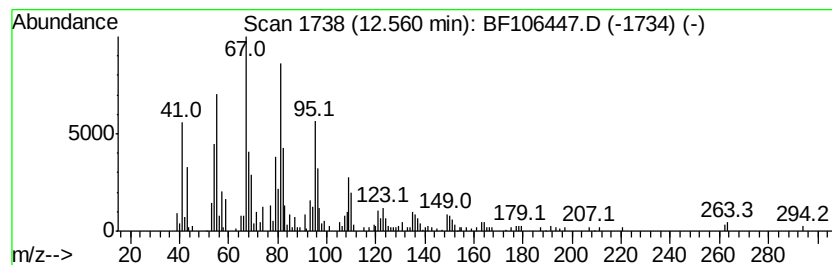
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	5.63 ng	216764	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
4			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5			11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
Operator : JU/SJ
Sample : J3241-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

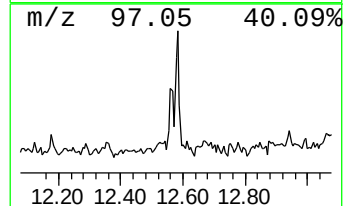
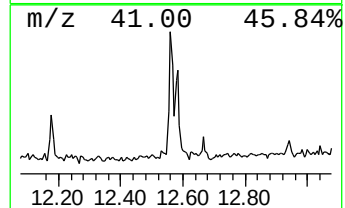
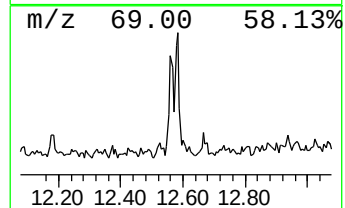
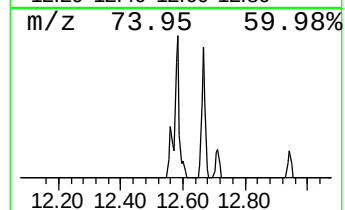
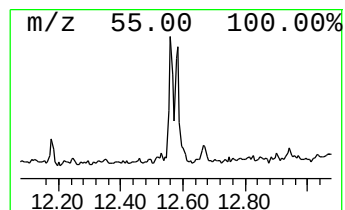
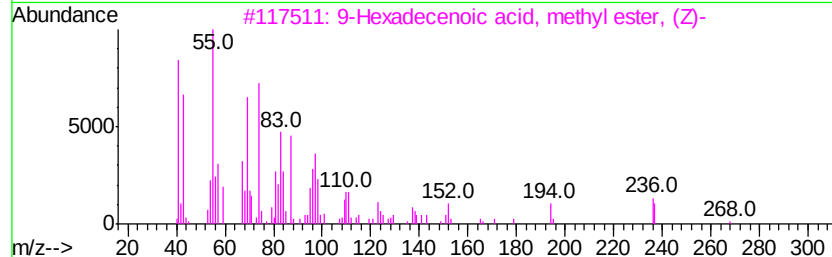
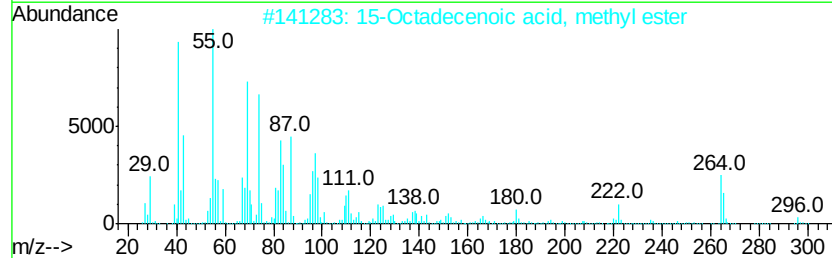
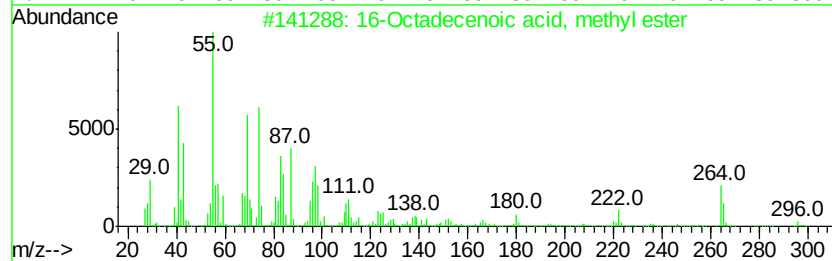
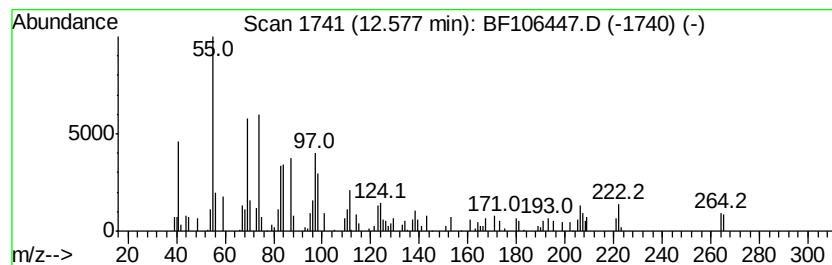
Instrument :
BNA_F
ClientSampleId :
HR-05-061318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 16-Octadecenoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.58	3.60 ng	138542	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	87
3	9-Hexadecenoic acid, methyl ester...	268	C17H32O2	001120-25-8	76
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	72
5	Cyclopropanoic acid, 2-hex...	282	C18H34O2	010152-61-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106447.D
 Acq On : 14 Jun 2018 17:30
 Operator : JU/SJ
 Sample : J3241-07 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-061318-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
unknown6.74	6.74	16.6	ng	598353	1	6.97	720614	20.0
unknown7.60	7.60	2.4	ng	85429	1	6.97	720614	20.0
Cyclohexane, (cyc...	8.53	3.1	ng	151603	2	8.25	990268	20.0
Octane, 2,3,7-tri...	8.65	3.1	ng	152524	2	8.25	990268	20.0
Nonane, 5-butyl-	8.82	3.5	ng	172655	2	8.25	990268	20.0
Naphthalene, 1,2,...	8.91	4.2	ng	207172	2	8.25	990268	20.0
Naphthalene, 1,2,...	9.07	2.2	ng	109148	2	8.25	990268	20.0
unknown9.19	9.19	2.5	ng	107629	3	10.01	874276	20.0
Dodecane, 2,7,10-...	9.25	4.0	ng	176538	3	10.01	874276	20.0
Tetradecane	9.39	7.4	ng	321641	3	10.01	874276	20.0
Dodecane, 2,6,10-...	9.71	9.4	ng	410824	3	10.01	874276	20.0
Hexadecane	9.92	6.7	ng	292796	3	10.01	874276	20.0
Naphthalene, 2,3,...	10.24	2.9	ng	125321	3	10.01	874276	20.0
Heptacosane	10.64	3.1	ng	137329	3	10.01	874276	20.0
Pentadecane	10.90	9.3	ng	356489	4	11.49	769959	20.0
Eicosane	11.34	2.6	ng	98549	4	11.49	769959	20.0
9,12-Octadecadien...	12.56	5.6	ng	216764	4	11.49	769959	20.0
16-Octadecenoic a...	12.58	3.6	ng	138542	4	11.49	769959	20.0