

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106448.D
 Acq On : 14 Jun 2018 17:57
 Operator : JU/SJ
 Sample : J3241-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

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	5.613	554	557	564	rBV	749198	695831	14.62%	1.746%
2	6.613	723	727	734	rBV	723475	776279	16.31%	1.947%
3	6.701	737	742	746	rBV4	49809	79072	1.66%	0.198%
4	6.742	746	749	753	rVB	941905	770226	16.18%	1.932%
5	6.789	754	757	761	rBV	201025	188588	3.96%	0.473%
6	6.966	783	787	790	rVB	1068311	864325	18.16%	2.168%
7	7.019	790	796	799	rVB2	61973	69846	1.47%	0.175%
8	7.119	807	813	816	rBV	749491	713201	14.98%	1.789%
9	7.231	826	832	834	rBV4	152289	161776	3.40%	0.406%
10	7.289	838	842	847	rVB2	104217	152769	3.21%	0.383%
11	7.336	847	850	852	rBV	112784	113143	2.38%	0.284%
12	7.354	852	853	856	rVV	103862	91240	1.92%	0.229%
13	7.442	863	868	871	rBV4	38639	72163	1.52%	0.181%
14	7.489	871	876	879	rBV3	172888	243013	5.11%	0.610%
15	7.525	879	882	884	rVV	539159	529024	11.11%	1.327%
16	7.548	884	886	890	rVB	582126	452549	9.51%	1.135%
17	7.607	893	896	899	rVB2	156514	163071	3.43%	0.409%
18	7.654	899	904	909	rBV4	99142	199434	4.19%	0.500%
19	7.731	914	917	919	rVB	141980	101055	2.12%	0.253%
20	7.772	919	924	929	rVB4	142965	248297	5.22%	0.623%
21	7.836	931	935	936	rBV2	66843	81249	1.71%	0.204%
22	7.860	936	939	941	rVV	161858	136507	2.87%	0.342%
23	7.883	941	943	946	rVV3	174931	192575	4.05%	0.483%
24	7.913	946	948	952	rVB2	89490	99923	2.10%	0.251%
25	7.948	952	954	957	rBV3	115312	103800	2.18%	0.260%
26	7.983	957	960	962	rBV	300599	237048	4.98%	0.595%
27	8.025	965	967	969	rVB2	109158	77843	1.64%	0.195%
28	8.060	969	973	975	rVB3	94297	105303	2.21%	0.264%
29	8.113	979	982	985	rVB2	118930	109591	2.30%	0.275%
30	8.142	985	987	989	rBV2	70738	69891	1.47%	0.175%
31	8.189	993	995	997	rVV2	97802	103656	2.18%	0.260%
32	8.213	997	999	1002	rVV	787578	757172	15.91%	1.899%
33	8.248	1002	1005	1008	rVV	1340673	1159425	24.36%	2.908%
34	8.295	1010	1013	1016	rVB2	531489	452283	9.50%	1.135%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.331	1016	1019	1021	rBV2	151427	168784	3.55%	0.423%
36	8.389	1024	1029	1032	rBV4	71016	121309	2.55%	0.304%
37	8.442	1036	1038	1044	rVB2	168217	160593	3.37%	0.403%
38	8.489	1044	1046	1050	rBV3	65648	96911	2.04%	0.243%
39	8.531	1050	1053	1058	rVB4	388713	415676	8.73%	1.043%
40	8.578	1058	1061	1064	rBV3	127835	178218	3.74%	0.447%
41	8.613	1064	1067	1069	rVV2	161362	175908	3.70%	0.441%
42	8.654	1071	1074	1076	rVV	597418	431368	9.06%	1.082%
43	8.683	1076	1079	1082	rVV	119564	123123	2.59%	0.309%
44	8.707	1082	1083	1087	rVB3	76208	66319	1.39%	0.166%
45	8.748	1087	1090	1092	rBV	268683	205904	4.33%	0.517%
46	8.825	1100	1103	1107	rVV	1022368	826560	17.36%	2.073%
47	8.872	1107	1111	1113	rVV4	95677	158121	3.32%	0.397%
48	8.907	1115	1117	1124	rVB3	178258	285547	6.00%	0.716%
49	9.019	1133	1136	1138	rBV3	97093	110668	2.32%	0.278%
50	9.066	1142	1144	1146	rBV2	232884	179525	3.77%	0.450%
51	9.107	1149	1151	1153	rVV	138443	124489	2.62%	0.312%
52	9.148	1155	1158	1161	rVB3	184956	230282	4.84%	0.578%
53	9.189	1161	1165	1167	rBV3	248451	225877	4.75%	0.567%
54	9.230	1170	1172	1174	rVV	119590	77722	1.63%	0.195%
55	9.254	1174	1176	1179	rVV	450344	311384	6.54%	0.781%
56	9.319	1184	1187	1191	rVB	1126538	905469	19.02%	2.271%
57	9.389	1196	1199	1203	rBV	922248	797950	16.76%	2.002%
58	9.472	1211	1213	1215	rVB	164088	122895	2.58%	0.308%
59	9.501	1215	1218	1223	rVB5	56855	89833	1.89%	0.225%
60	9.577	1229	1231	1237	rBV5	82536	104849	2.20%	0.263%
61	9.648	1238	1243	1245	rBV3	100515	180450	3.79%	0.453%
62	9.713	1250	1254	1262	rVV3	528793	752612	15.81%	1.888%
63	9.772	1262	1264	1267	rVV3	126780	123859	2.60%	0.311%
64	9.866	1277	1280	1283	rBV3	107115	96912	2.04%	0.243%
65	9.919	1286	1289	1293	rVB	664856	570956	11.99%	1.432%
66	10.007	1298	1304	1307	rBV	1246220	1032017	21.68%	2.589%
67	10.148	1325	1328	1331	rBV4	66672	98882	2.08%	0.248%
68	10.177	1331	1333	1336	rVV	94349	90626	1.90%	0.227%
69	10.207	1336	1338	1341	rVB3	82589	80440	1.69%	0.202%
70	10.242	1341	1344	1349	rBV3	157086	194101	4.08%	0.487%
71	10.319	1354	1357	1360	rBV4	81938	101688	2.14%	0.255%

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72	10.419	1371	1374	1377	rVB	525858	417857	8.78%	1.048%
73	10.554	1390	1397	1399	rBV5	57098	97232	2.04%	0.244%
74	10.642	1407	1412	1414	rBV	229034	257372	5.41%	0.646%
75	10.795	1435	1438	1442	rBV	499321	427918	8.99%	1.073%
76	10.895	1452	1455	1465	rVB	442189	630870	13.25%	1.583%
77	11.342	1528	1531	1534	rBV	311052	239800	5.04%	0.602%
78	11.371	1534	1536	1539	rVV	128234	110763	2.33%	0.278%
79	11.501	1553	1558	1560	rBV	968254	958777	20.14%	2.405%
80	11.519	1560	1561	1567	rVB	250494	195148	4.10%	0.490%
81	11.771	1601	1604	1607	rVV	245443	177809	3.74%	0.446%
82	11.877	1618	1622	1625	rVB	1721543	1543655	32.43%	3.872%
83	12.113	1659	1662	1665	rBV2	73908	76880	1.62%	0.193%
84	12.177	1670	1673	1676	rBV	182023	149655	3.14%	0.375%
85	12.571	1735	1740	1741	rBV	4296078	4760247	100.00%	11.941%
86	12.589	1741	1743	1749	rVV2	3802998	3690885	77.54%	9.259%
87	12.666	1753	1756	1760	rVB	927888	799808	16.80%	2.006%
88	12.713	1761	1764	1768	rBV	600760	524303	11.01%	1.315%
89	12.942	1798	1803	1809	rVB	557812	635306	13.35%	1.594%
90	13.077	1823	1826	1829	rBV	740540	663381	13.94%	1.664%
91	13.271	1857	1859	1861	rVB	88089	71266	1.50%	0.179%
92	13.301	1861	1864	1865	rBV	76788	68236	1.43%	0.171%
93	13.377	1873	1877	1878	rBV3	66489	80794	1.70%	0.203%
94	14.065	1992	1994	2000	rBV	91517	104238	2.19%	0.261%
95	14.148	2004	2008	2011	rVV2	1021651	1261815	26.51%	3.165%
96	14.177	2011	2013	2020	rVB	278812	263119	5.53%	0.660%
97	15.236	2189	2193	2196	rBV	178104	285065	5.99%	0.715%
98	15.559	2245	2248	2253	rVB	108457	140979	2.96%	0.354%
99	15.624	2256	2259	2264	rVB	151119	185474	3.90%	0.465%
100	15.695	2266	2271	2275	rBV	505880	656607	13.79%	1.647%

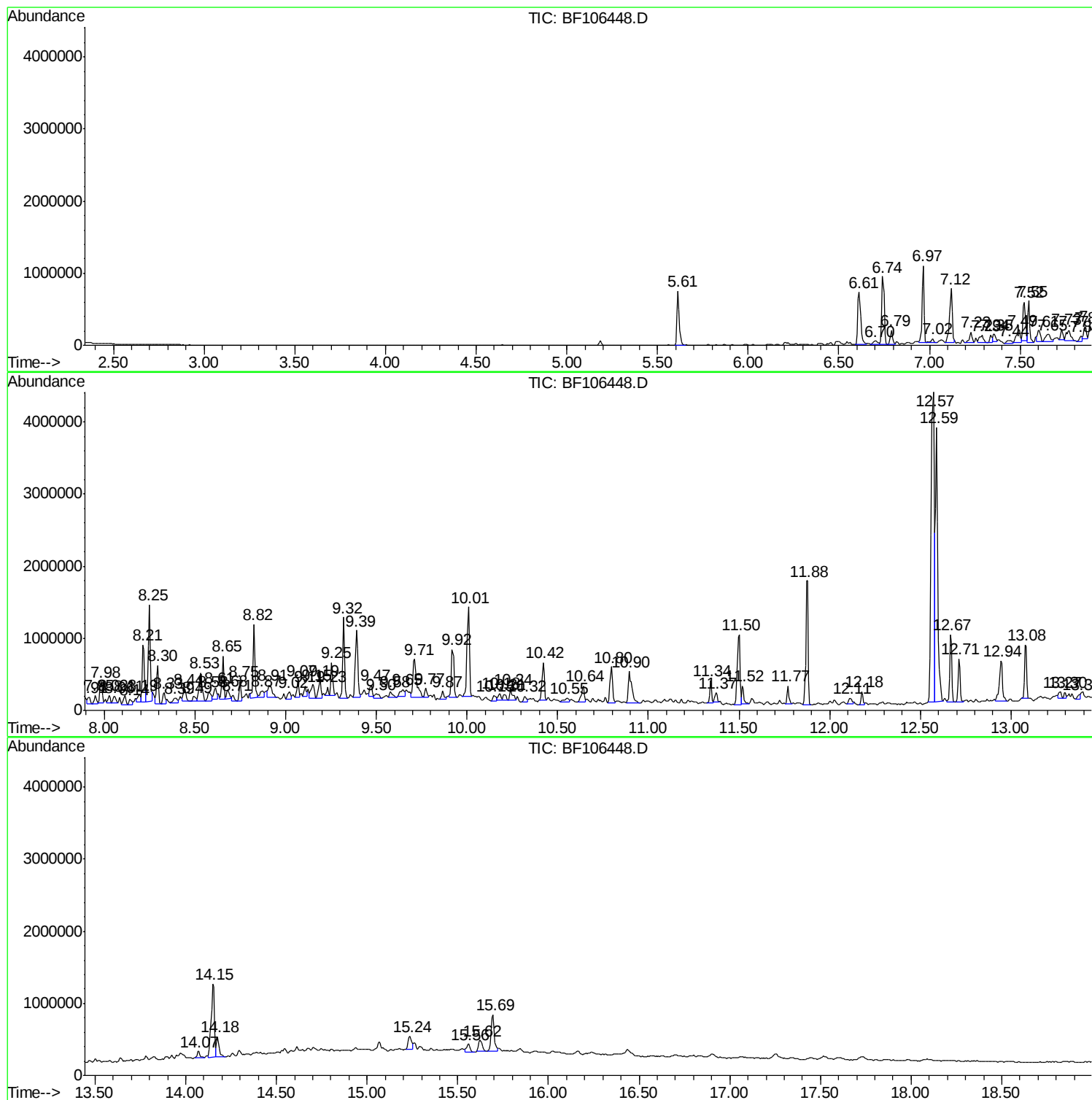
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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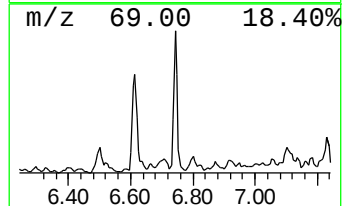
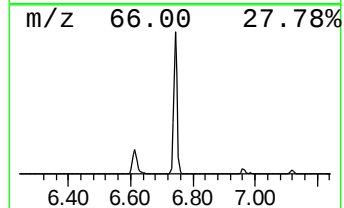
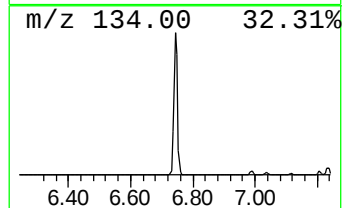
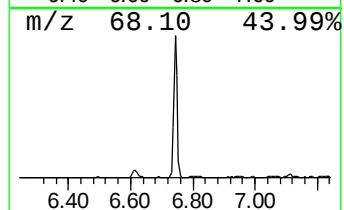
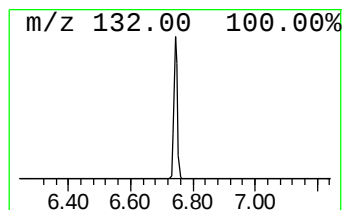
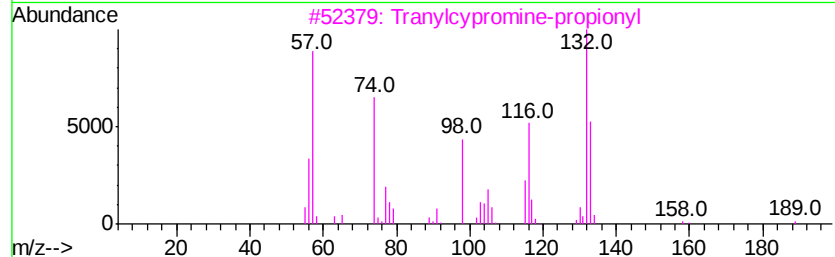
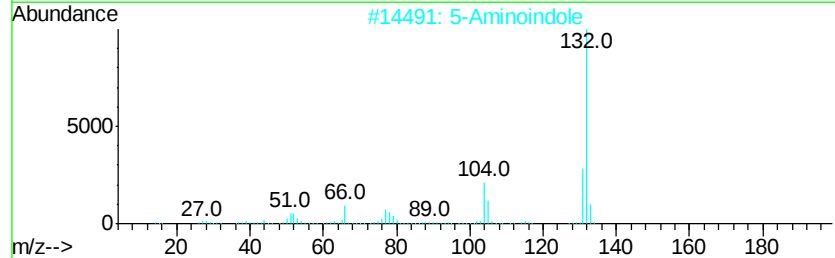
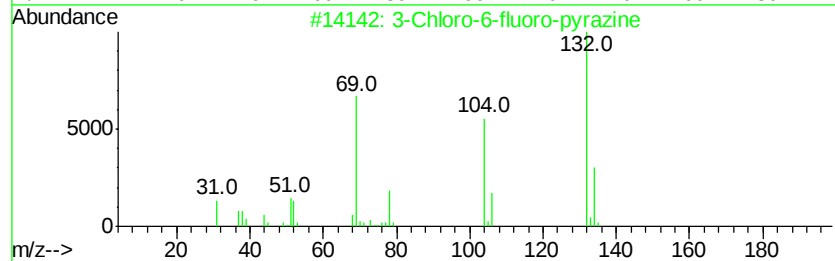
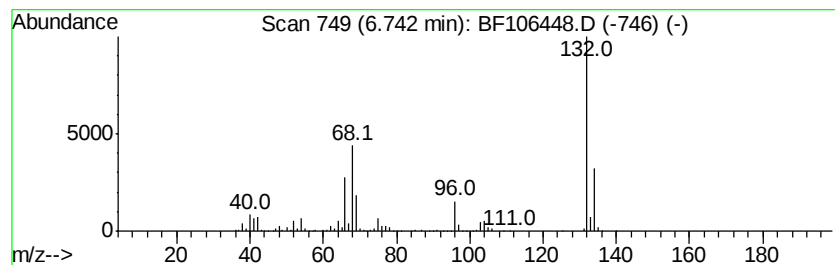
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	17.82 ng	770226	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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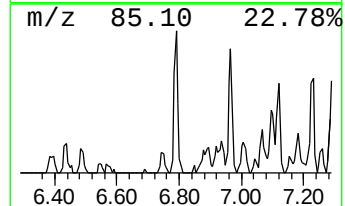
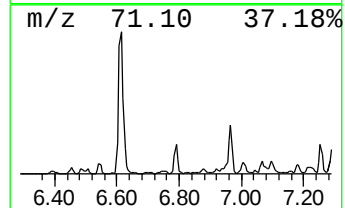
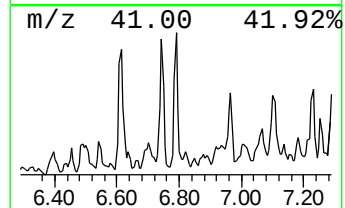
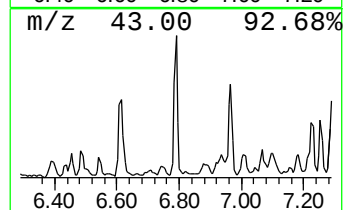
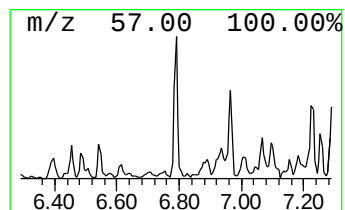
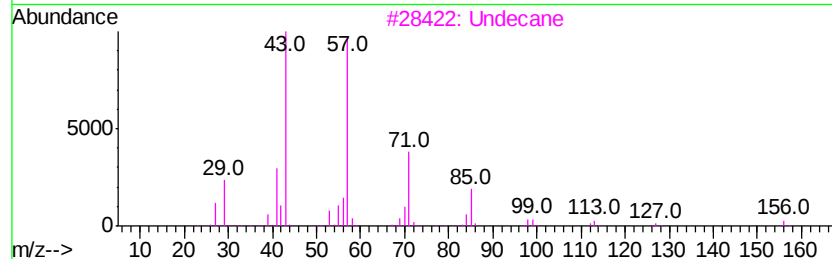
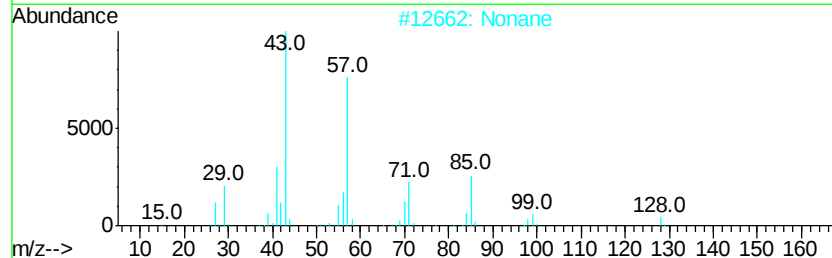
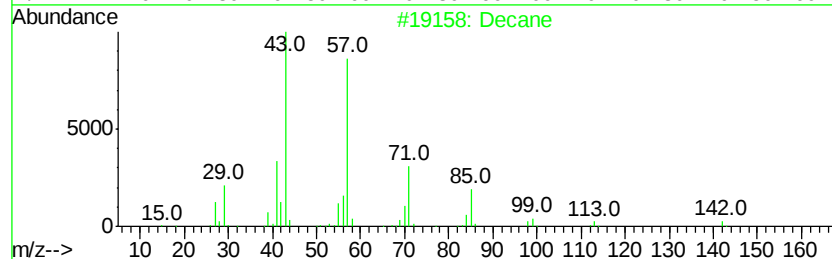
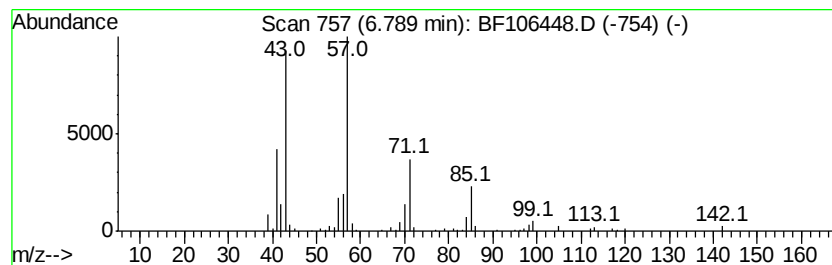
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.36 ng	188588	1,4-Dichlorobenzene-d4	6.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	94
2	Nonane		128	C9H20	000111-84-2	90
3	Undecane		156	C11H24	001120-21-4	78
4	Octane, 4-ethyl-		142	C10H22	015869-86-0	72
5	Tridecane		184	C13H28	000629-50-5	64



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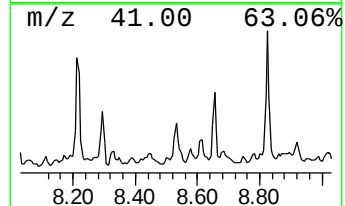
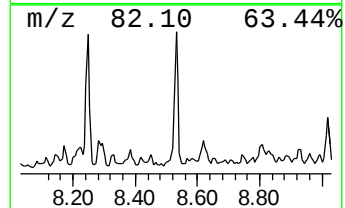
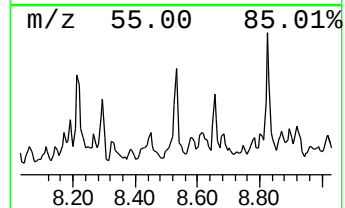
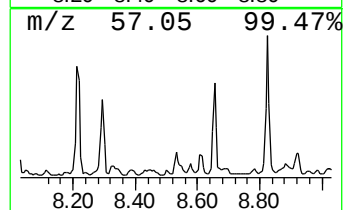
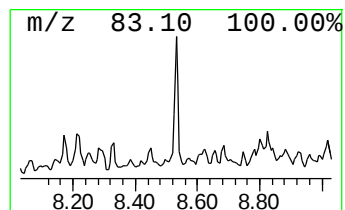
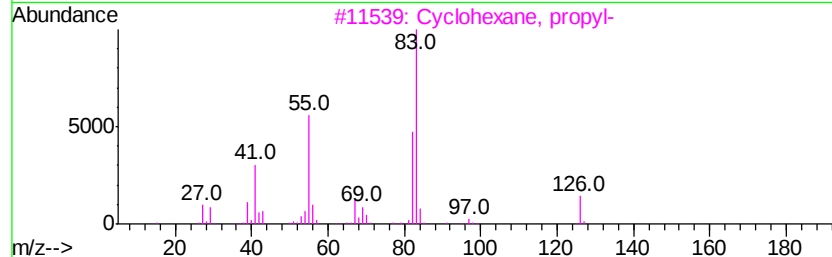
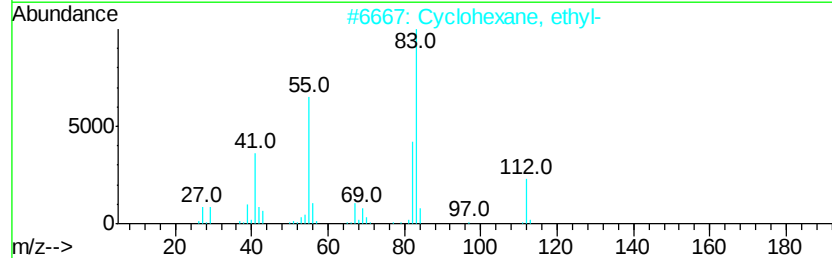
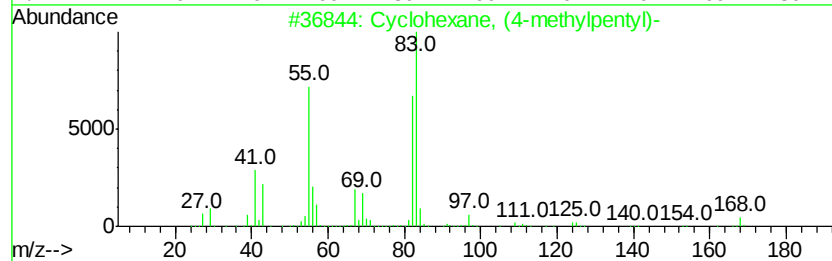
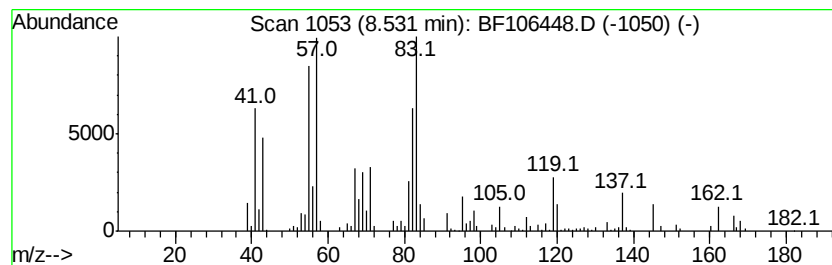
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.53 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	7.17 ng	415676	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	47



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Sample : J3241-09 5X
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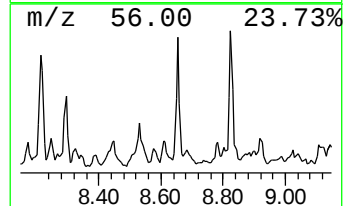
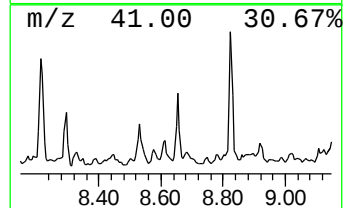
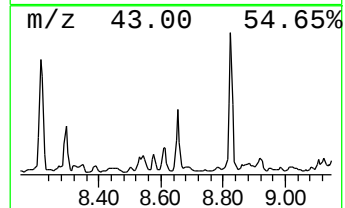
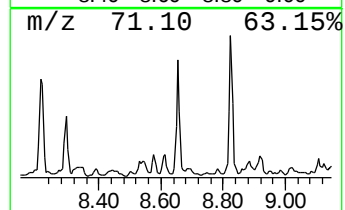
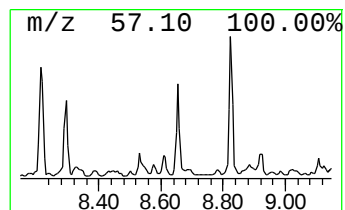
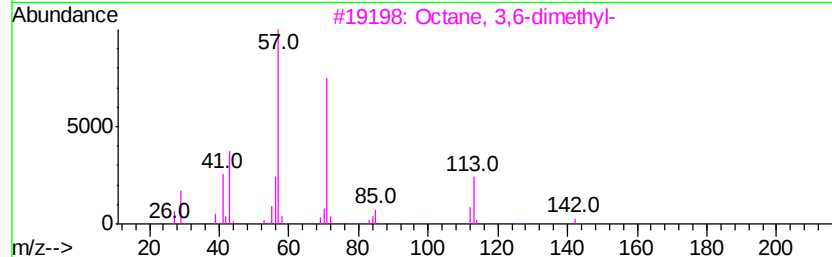
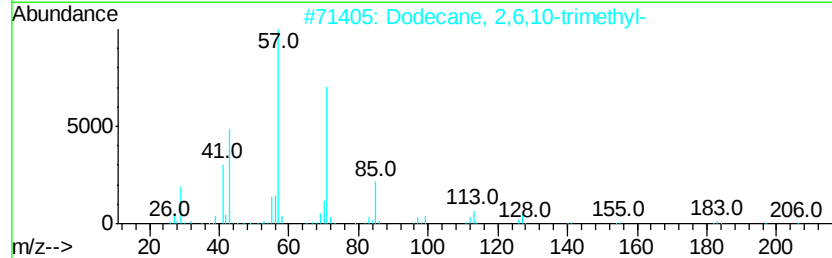
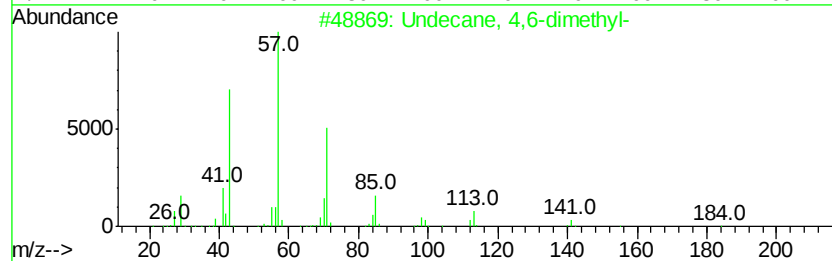
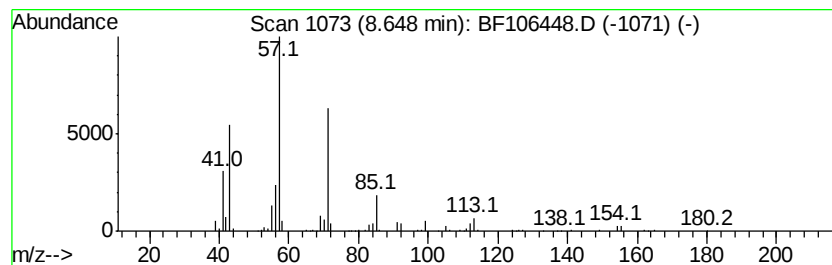
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ClientSampleId :
HR-05-061318-B

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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 Undecane, 4,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.65	7.44 ng	431368	Napthalene-d8	8.25	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184 C13H28	017312-82-2	78	
2	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	72	
3	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	72	
4	Sulfurous acid, 2-ethylhexyl tri...	376 C21H44O3S	1000309-19-6	64	
5	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	59	



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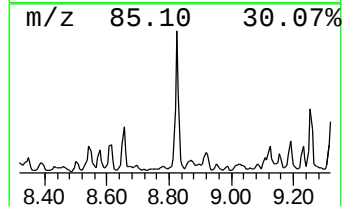
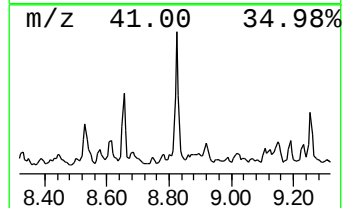
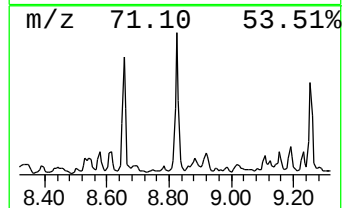
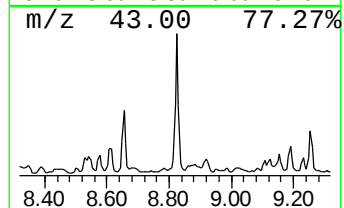
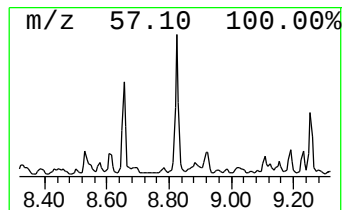
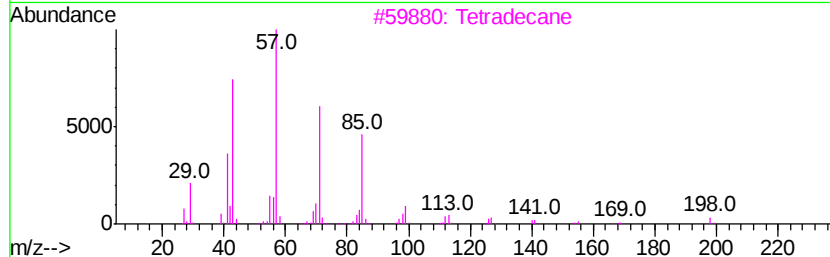
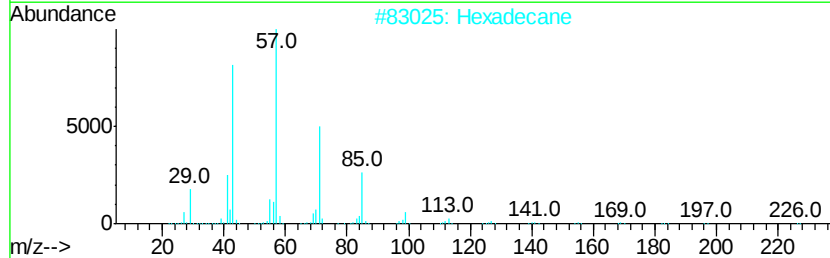
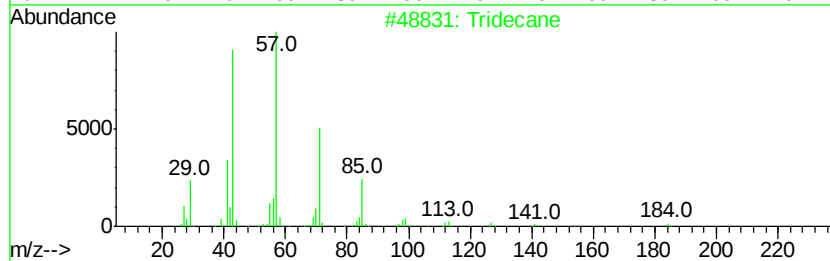
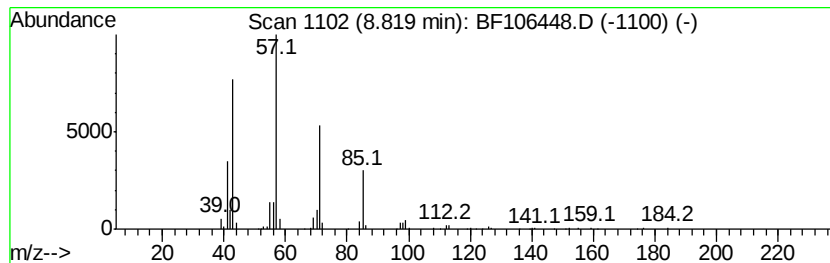
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	14.26 ng	826560	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



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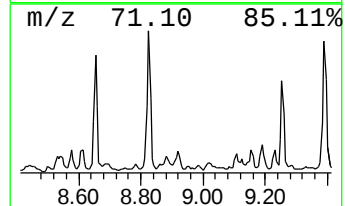
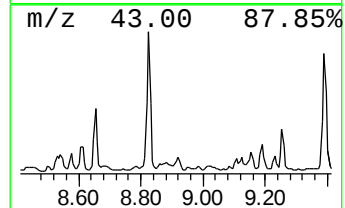
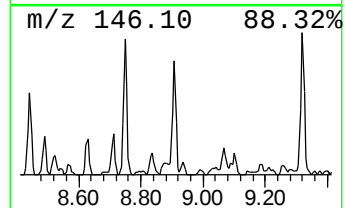
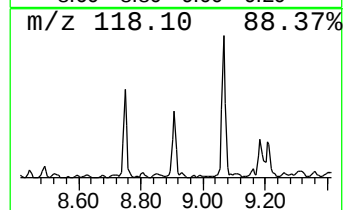
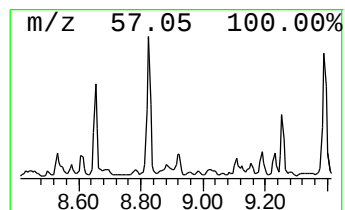
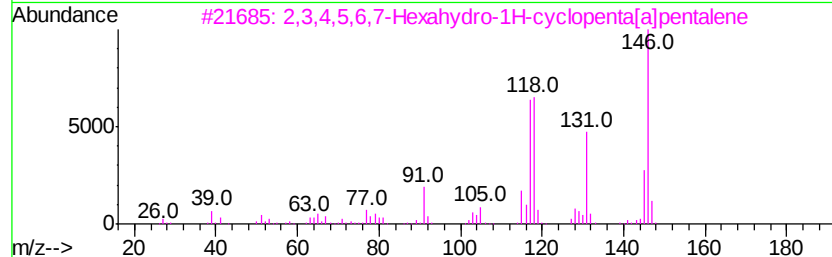
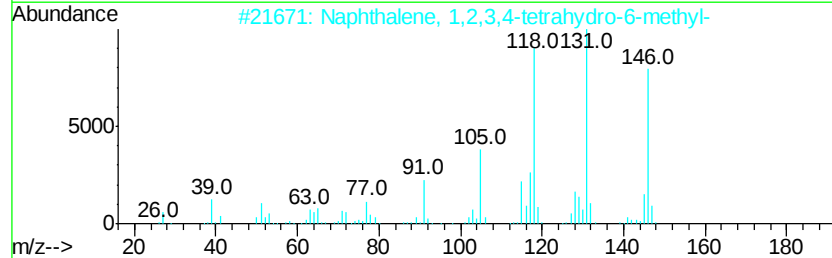
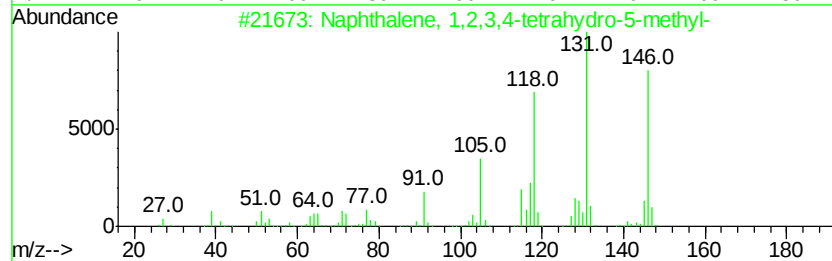
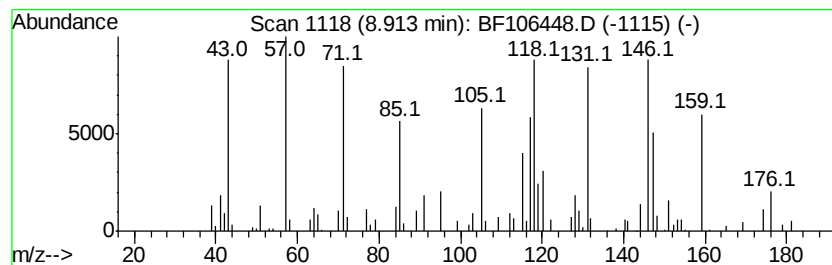
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.91	4.93 ng	285547	Naphthalene-d8	8.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3		2,3,4,5,6,7-Hexahydro-1H-cvclope...	146	C11H14	1000189-31-0	94
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
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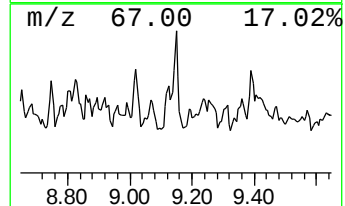
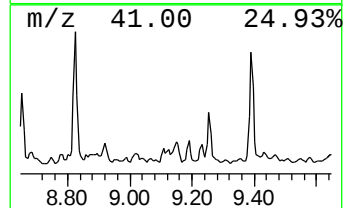
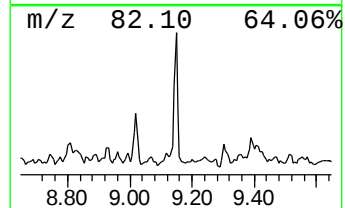
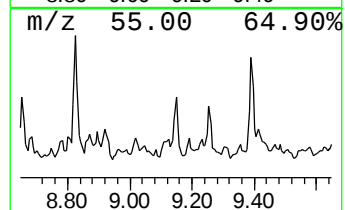
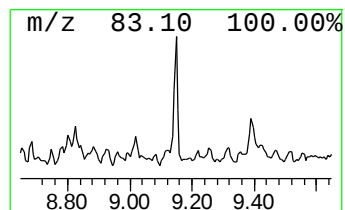
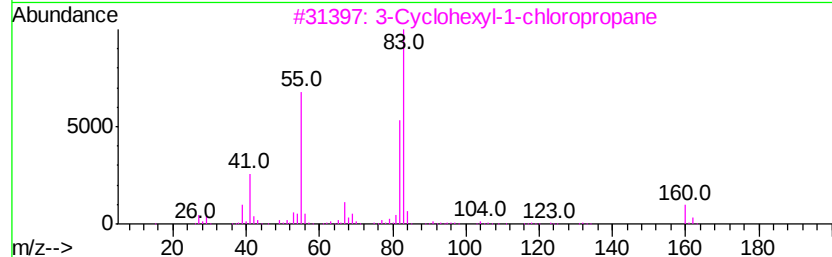
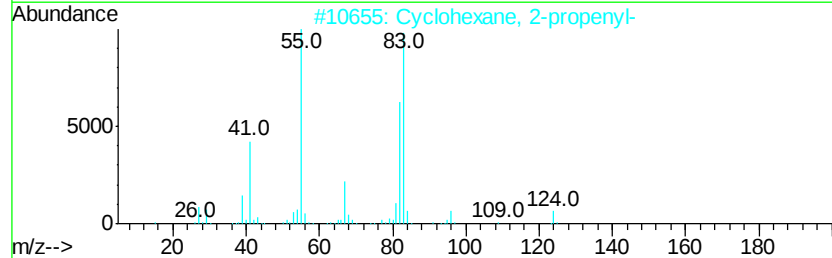
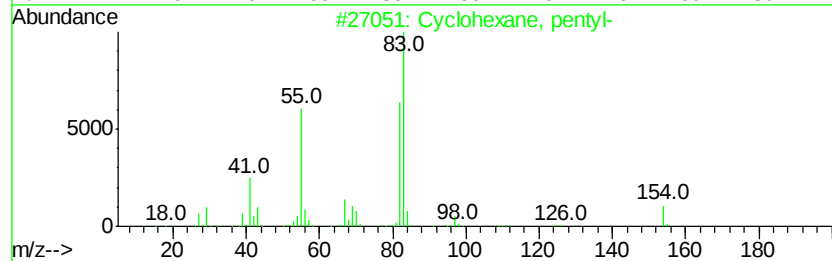
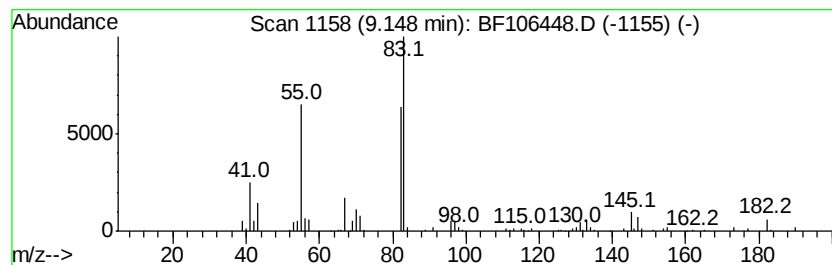
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, pentyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	4.46 ng	230282	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
3		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	53
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	45
5		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
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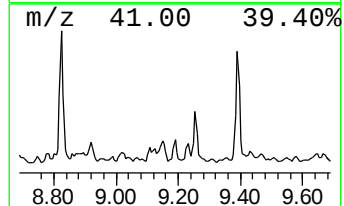
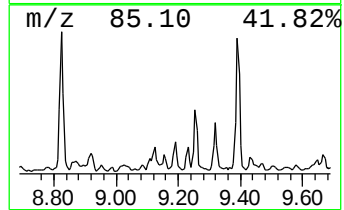
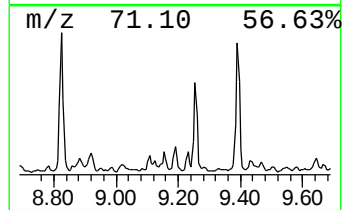
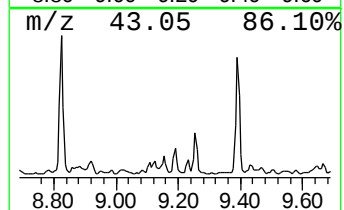
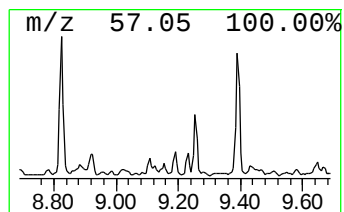
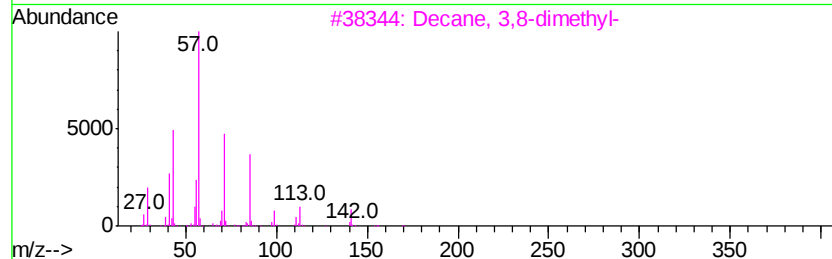
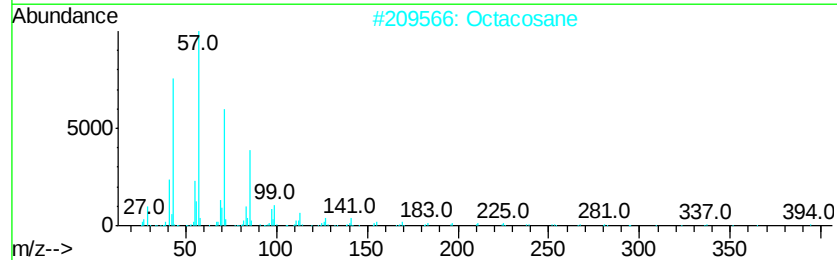
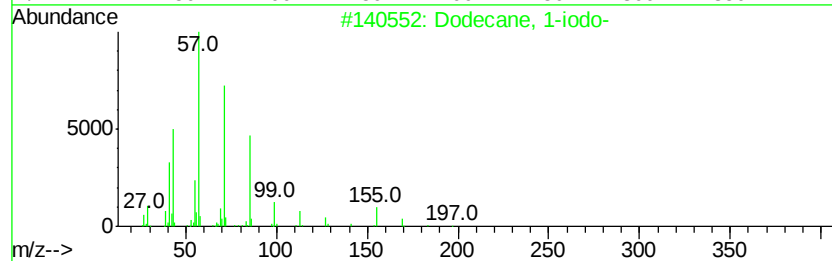
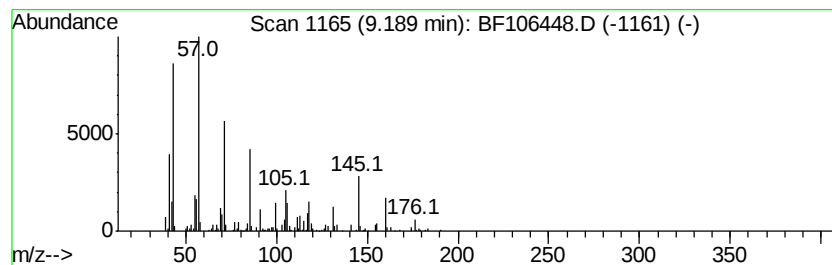
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.19 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	4.38 ng	225877	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
2		Octacosane	394	C28H58	000630-02-4	43
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
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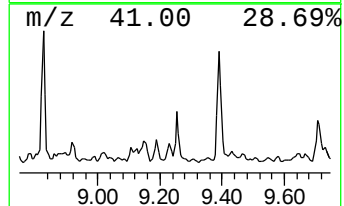
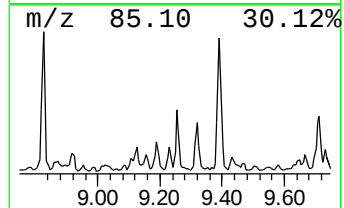
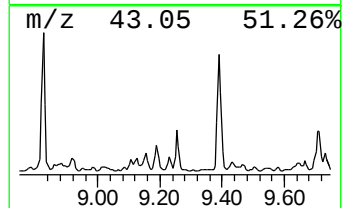
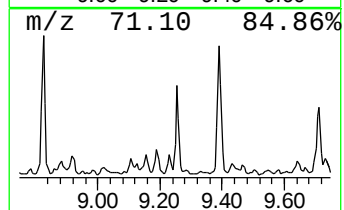
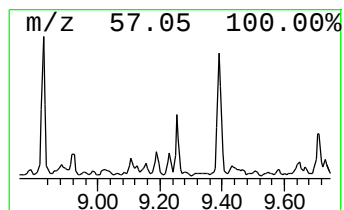
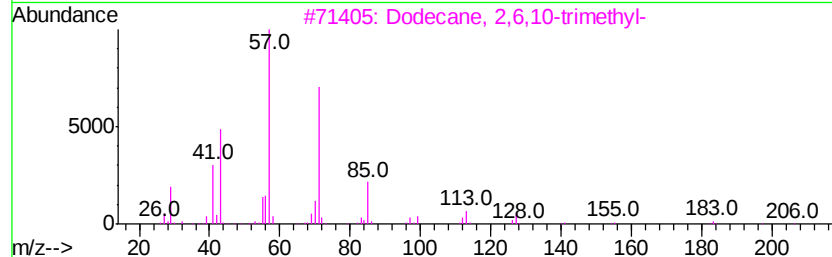
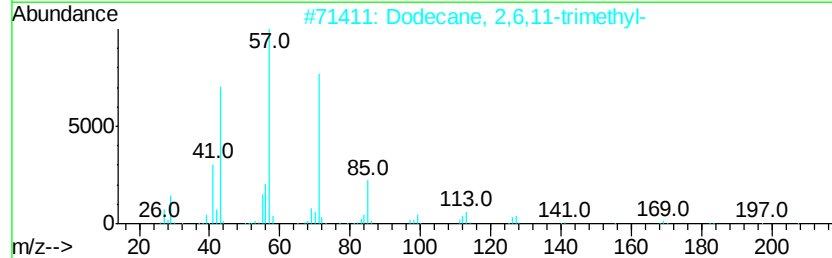
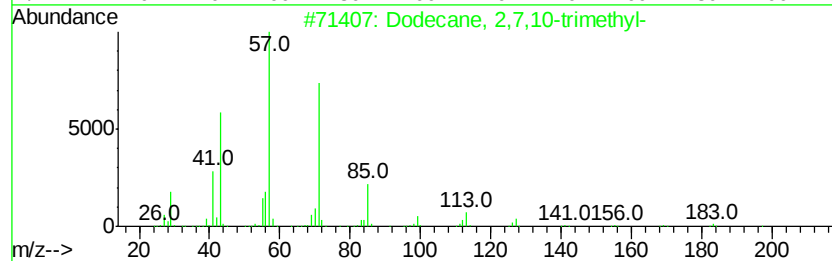
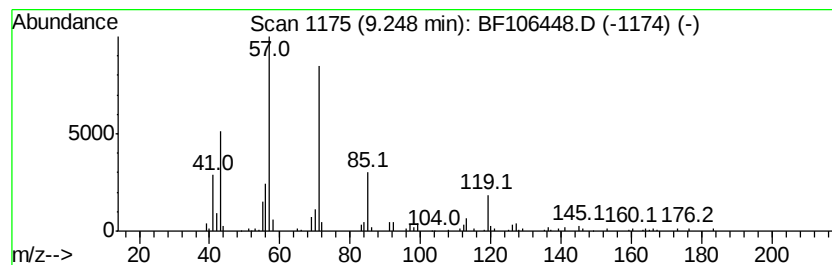
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	6.03 ng	311384	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			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
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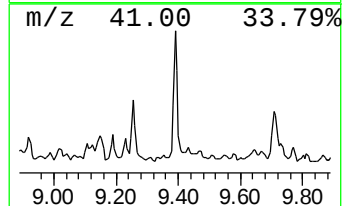
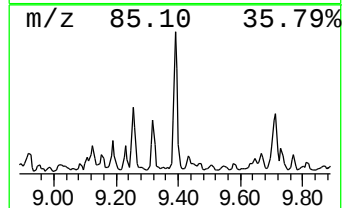
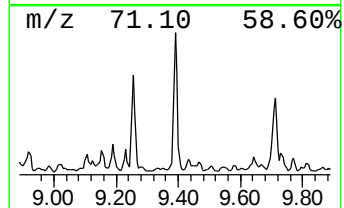
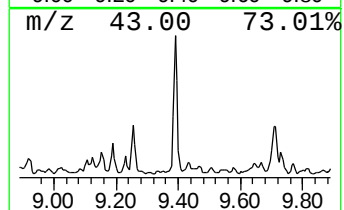
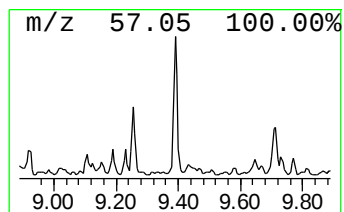
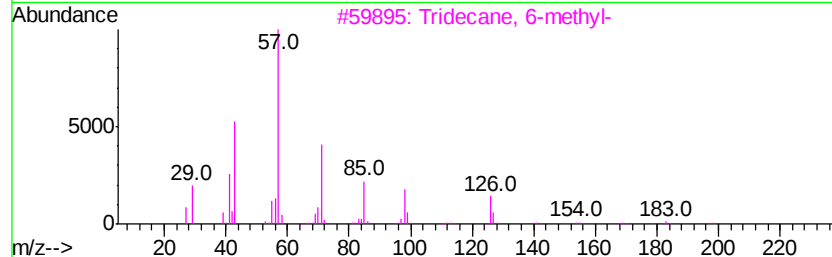
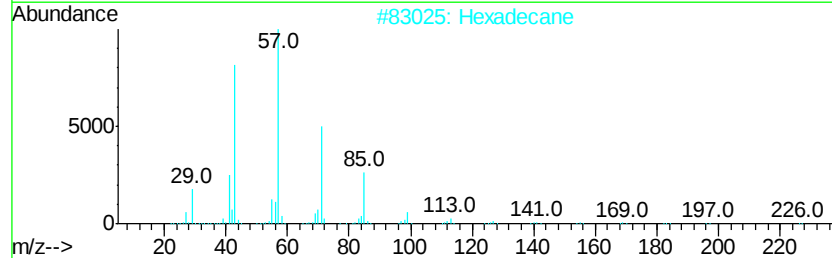
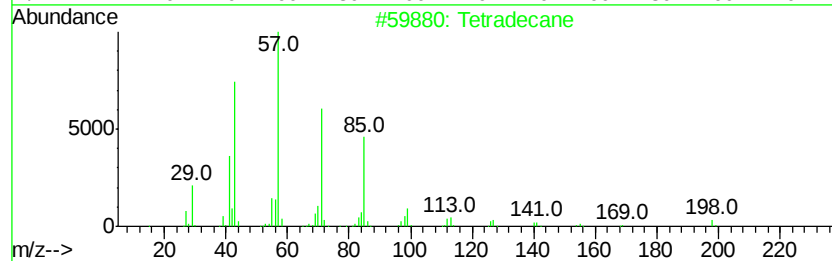
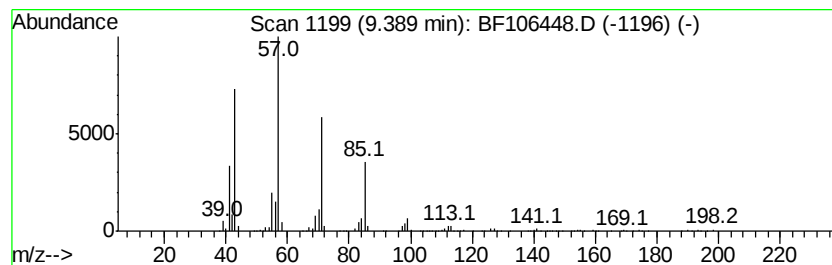
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	15.46 ng	797950	Acenaphthene-d10	10.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
Acq On : 14 Jun 2018 17:57
Operator : JU/SJ
Sample : J3241-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

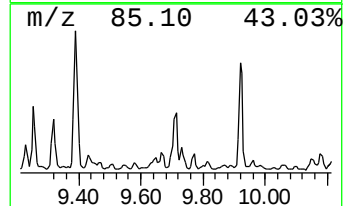
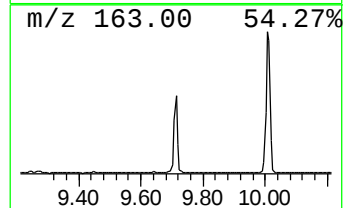
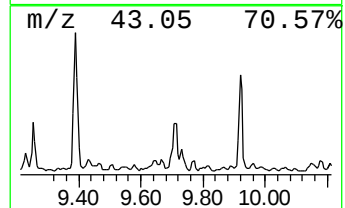
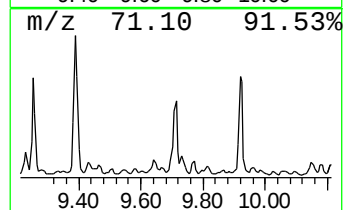
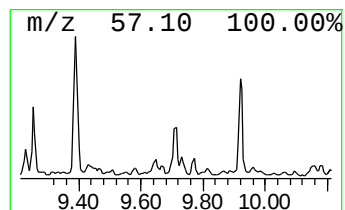
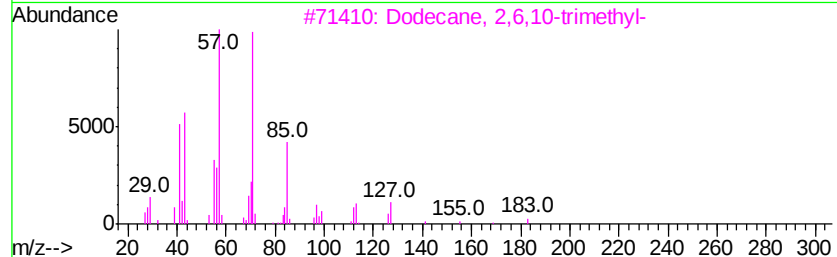
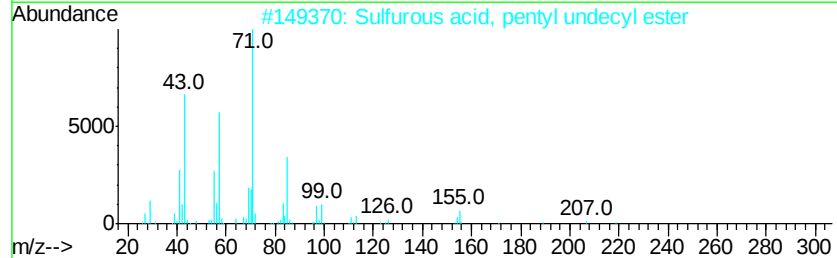
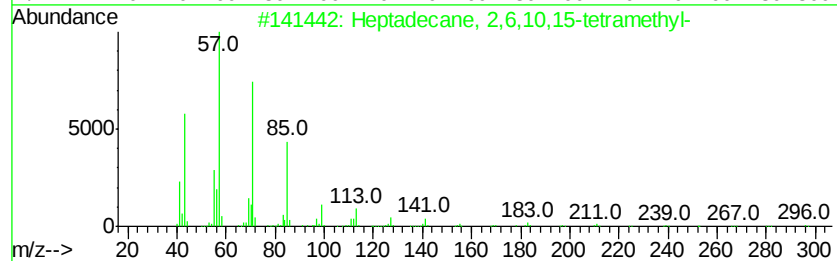
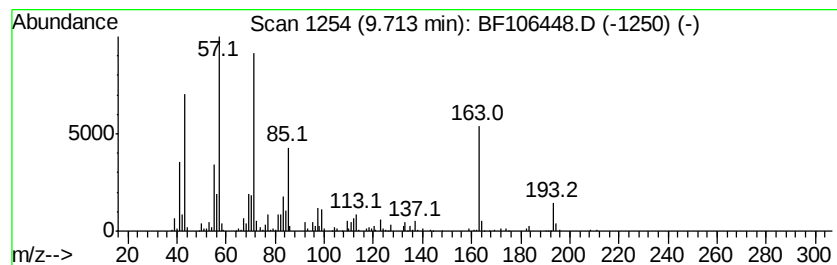
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	14.59 ng	752612	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
2			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	52
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	49
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
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Operator : JU/SJ
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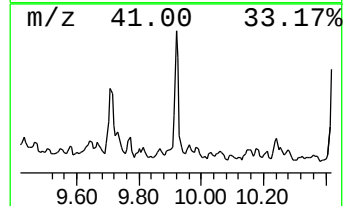
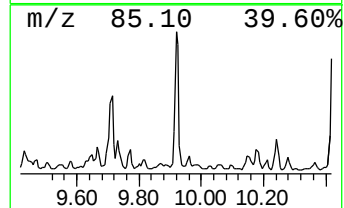
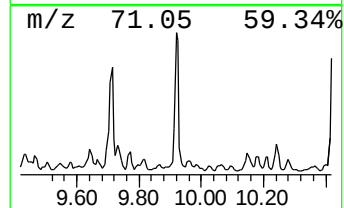
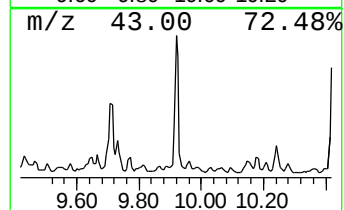
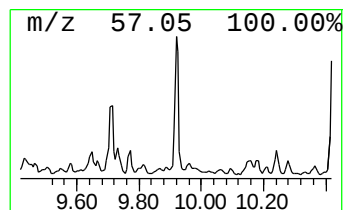
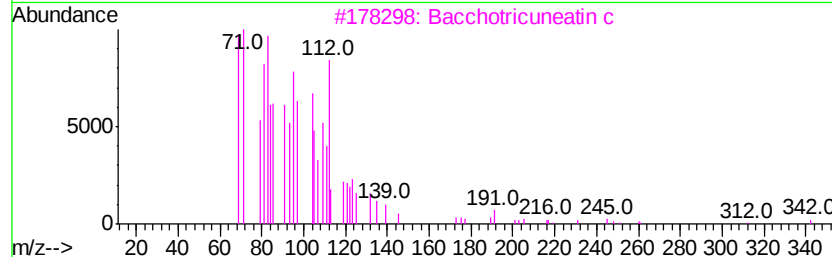
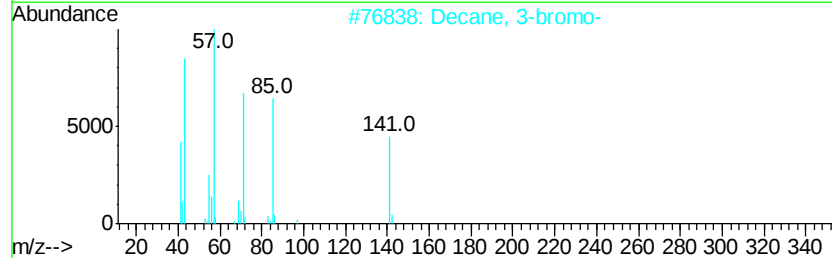
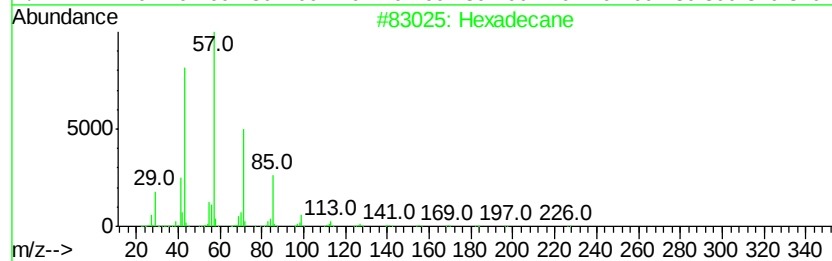
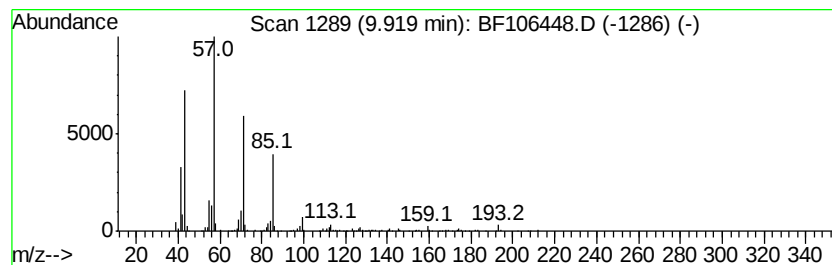
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	11.06 ng	570956	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	74
2			Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
4			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53
5			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
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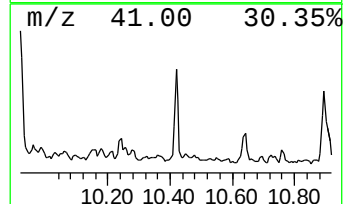
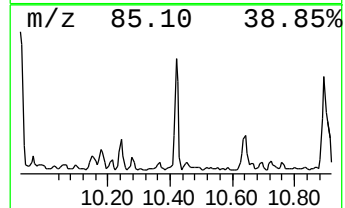
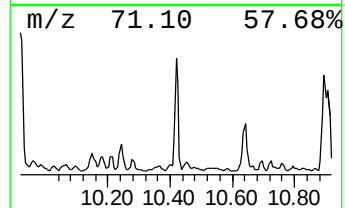
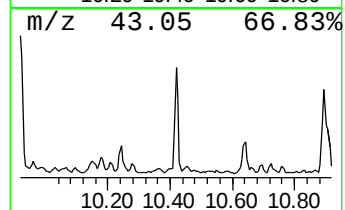
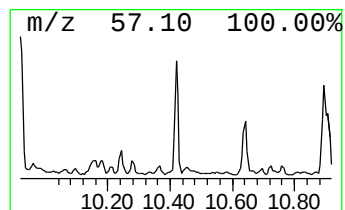
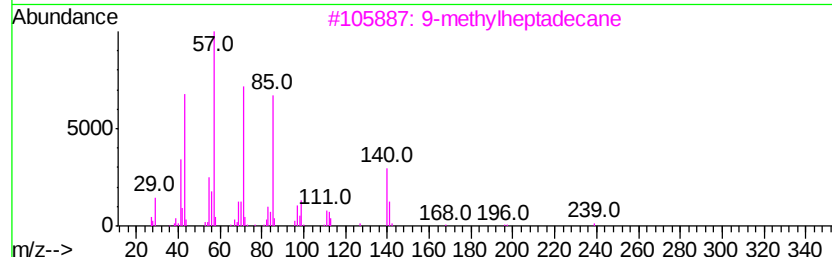
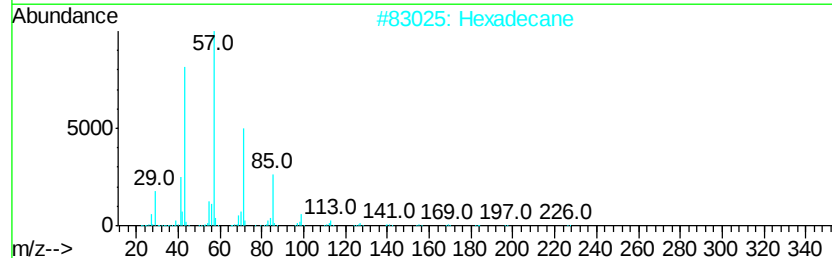
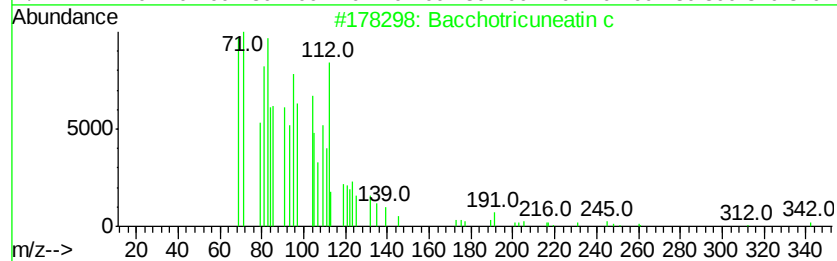
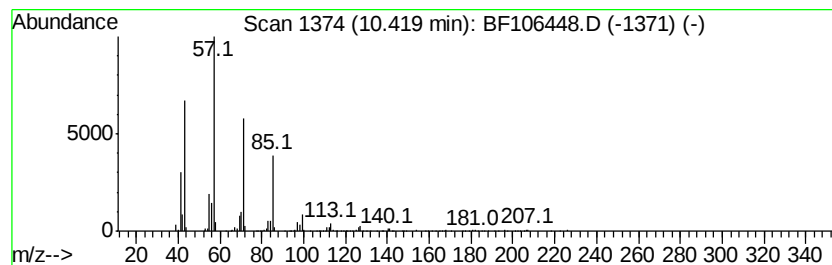
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.42	8.10 ng	417857	Acenaphthene-d10		10.01	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c		342	C20H22O5	066563-30-2	99
2	Hexadecane		226	C16H34	000544-76-3	90
3	9-methylheptadecane		254	C18H38	026741-18-4	90
4	Heptadecane		240	C17H36	000629-78-7	83
5	Heneicosane		296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
Acq On : 14 Jun 2018 17:57
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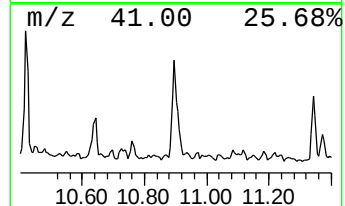
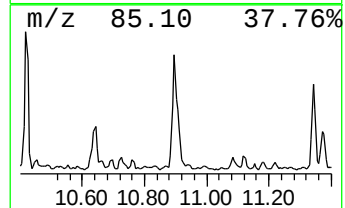
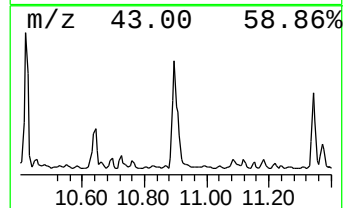
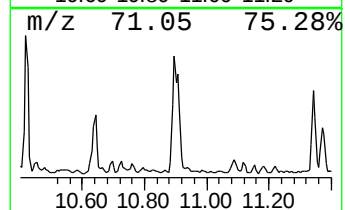
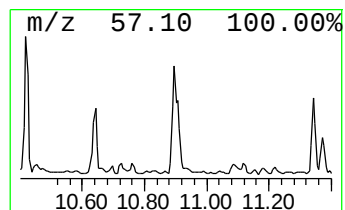
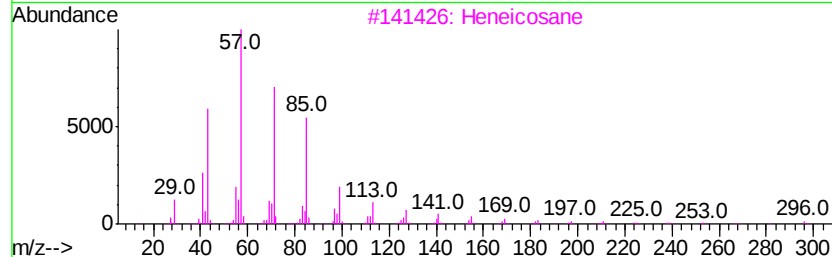
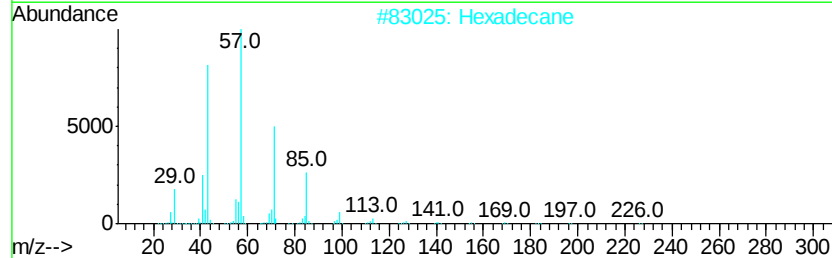
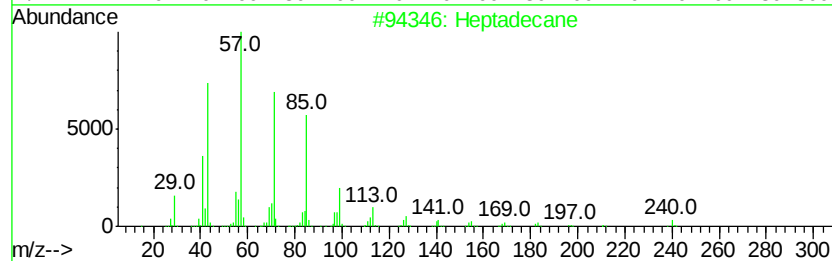
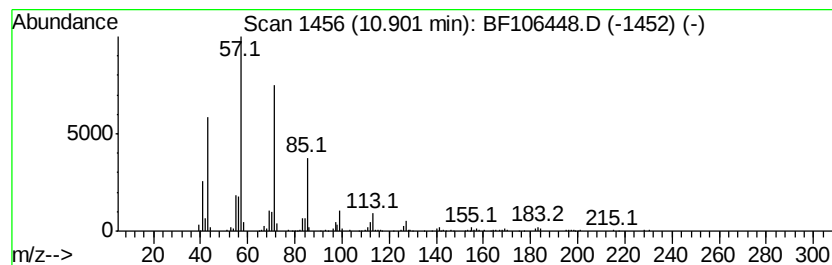
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	13.16 ng	630870	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Hexadecane		226	C16H34	000544-76-3	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tetradecane		198	C14H30	000629-59-4	86
5	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
Acq On : 14 Jun 2018 17:57
Operator : JU/SJ
Sample : J3241-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-061318-B

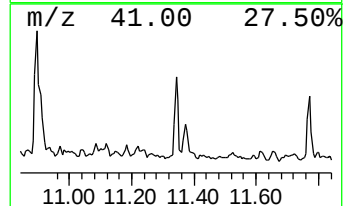
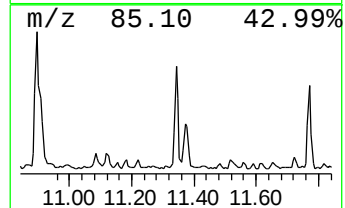
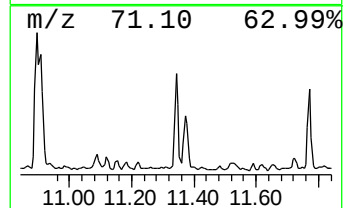
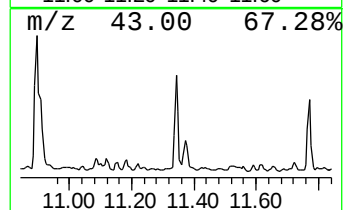
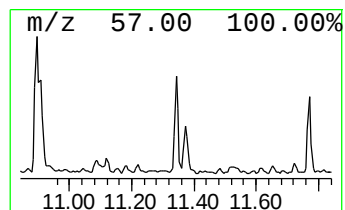
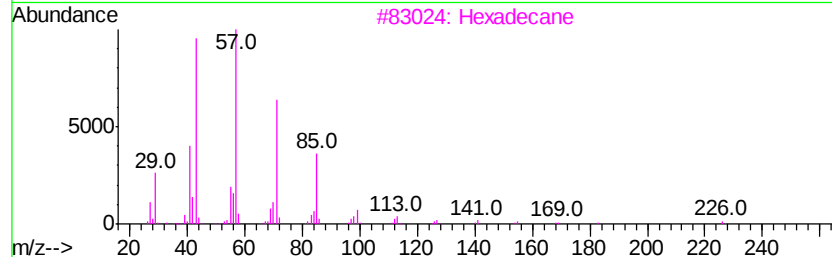
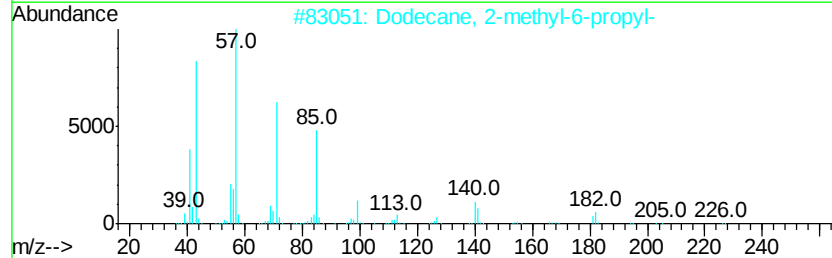
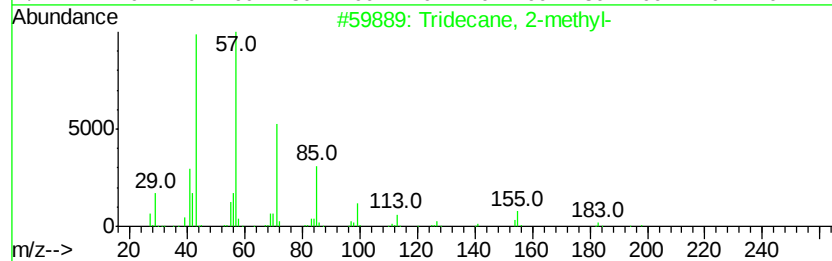
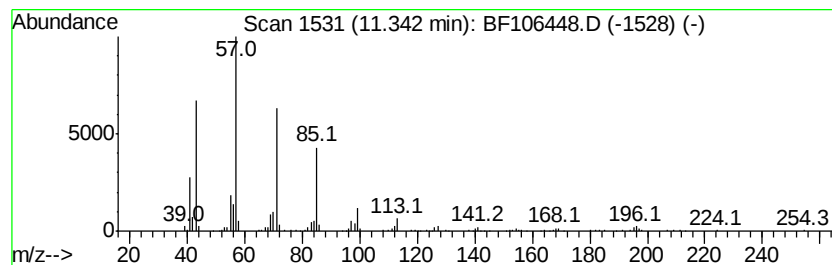
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	5.00 ng	239800	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3			Hexadecane	226	C16H34	000544-76-3	83
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



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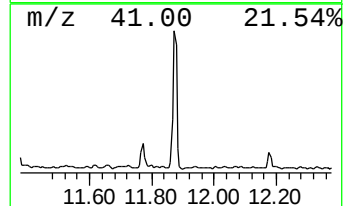
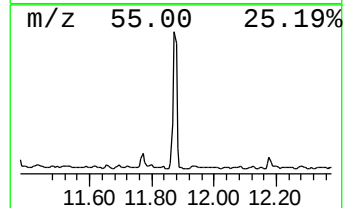
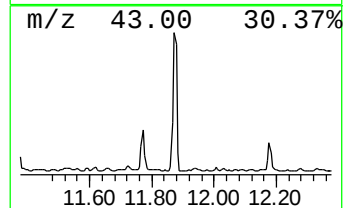
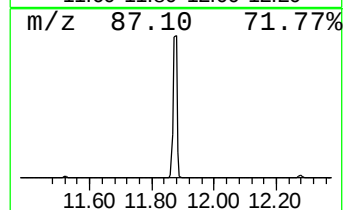
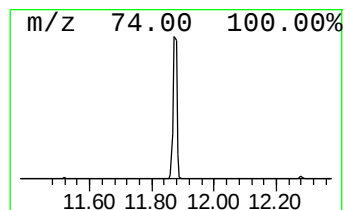
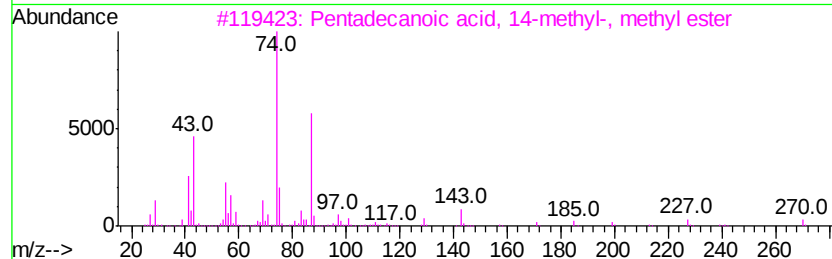
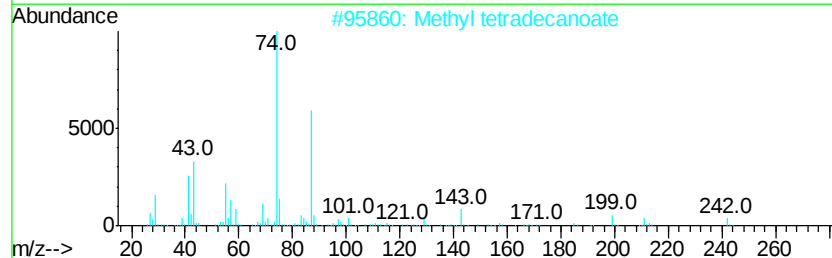
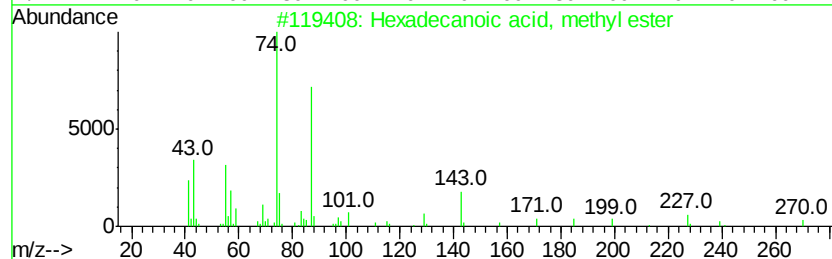
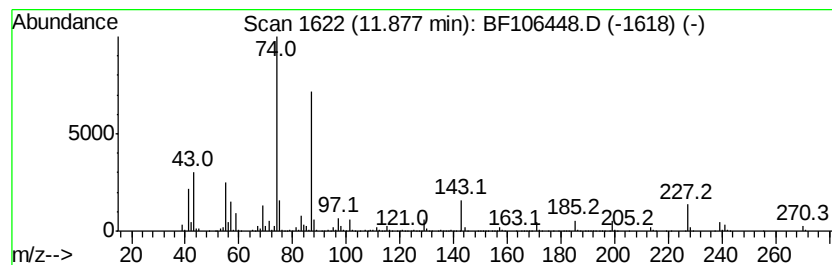
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	32.20 ng	1543660	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
Acq On : 14 Jun 2018 17:57
Operator : JU/SJ
Sample : J3241-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

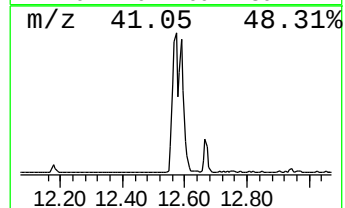
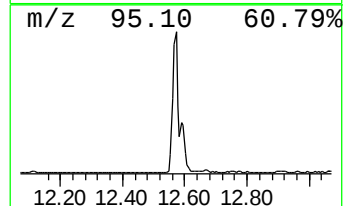
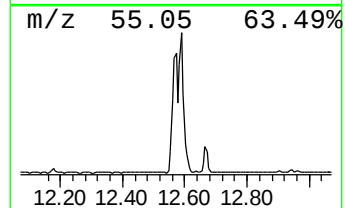
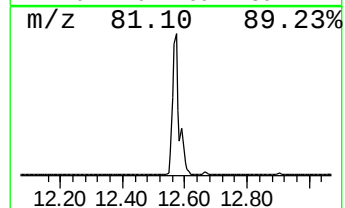
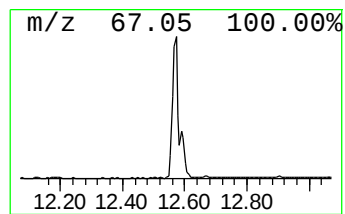
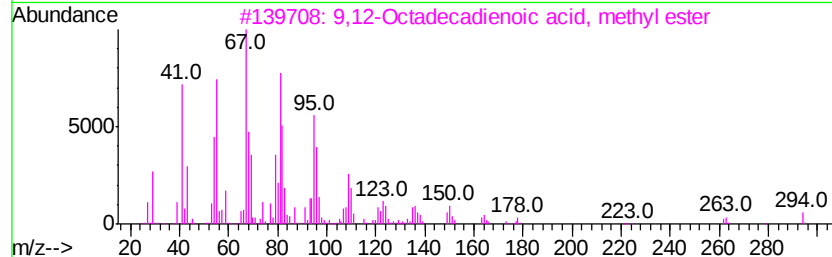
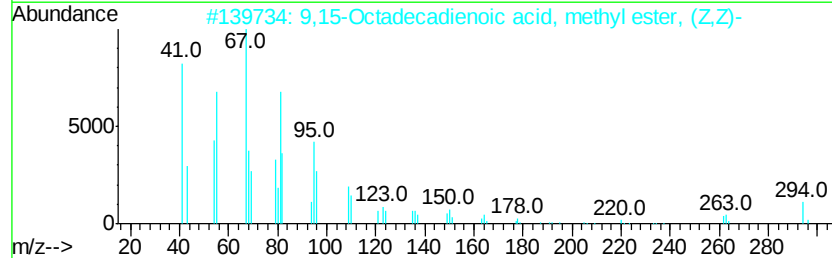
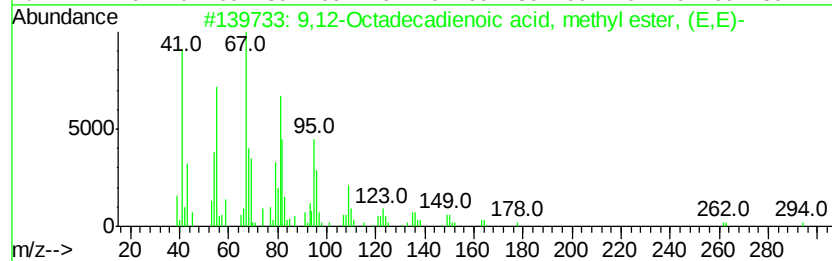
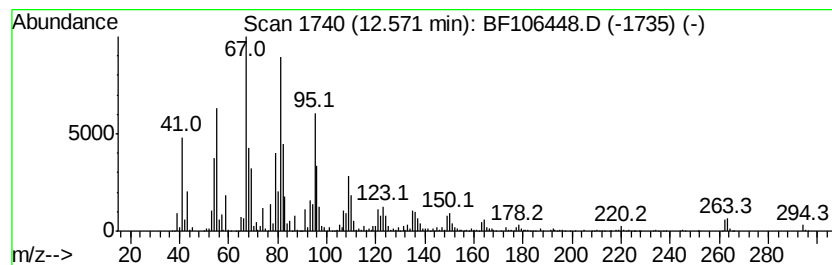
Instrument :
BNA_F
ClientSampleId :
HR-05-061318-B

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 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	99.30 ng	4760250	Phenanthrene-d10	11.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3	99
4	Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	1000336-44-0	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
Acq On : 14 Jun 2018 17:57
Operator : JU/SJ
Sample : J3241-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

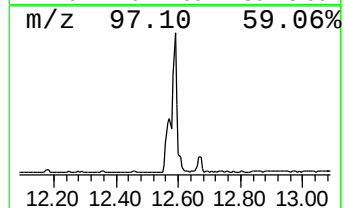
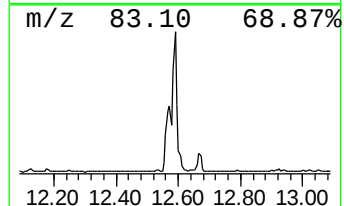
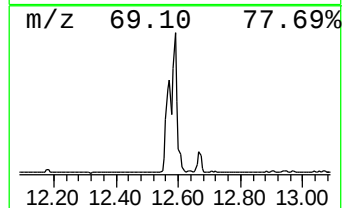
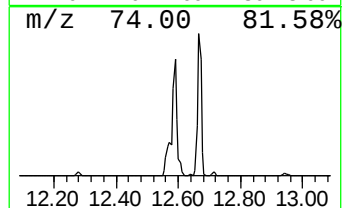
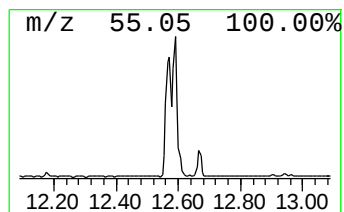
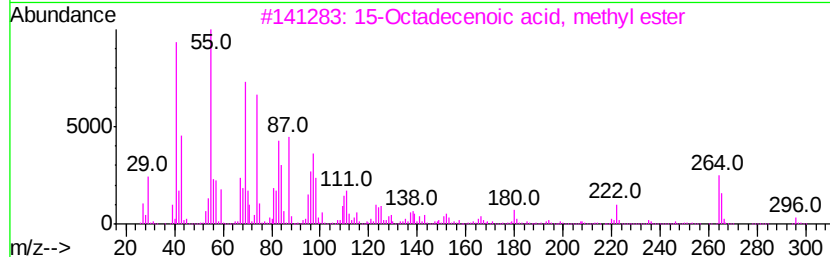
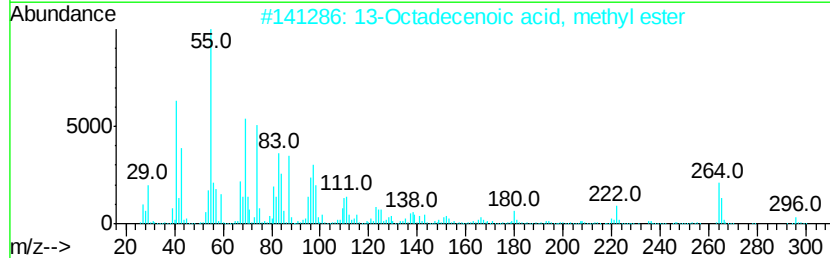
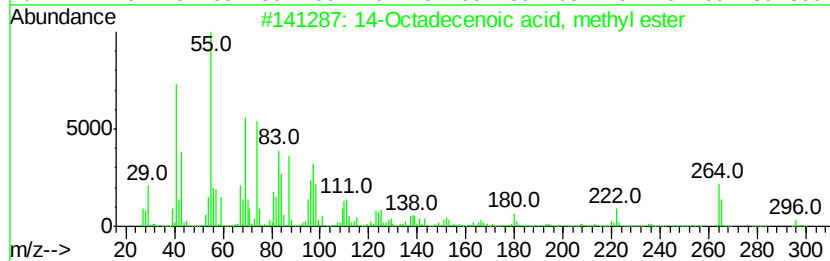
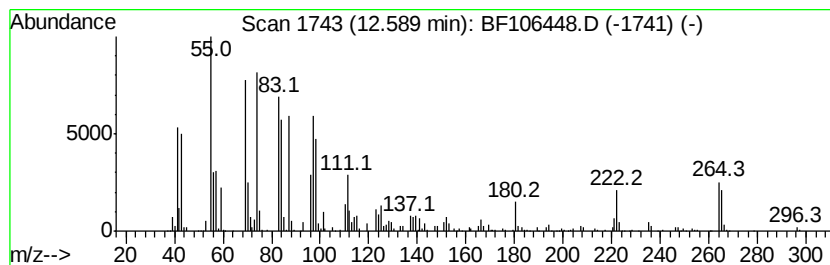
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 14-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	76.99 ng	3690890	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	89
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	89
4		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	86
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106448.D
 Acq On : 14 Jun 2018 17:57
 Operator : JU/SJ
 Sample : J3241-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

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	17.8	ng	770226	1	6.97	864325	20.0
Decane	6.79	4.4	ng	188588	1	6.97	864325	20.0
unknown8.53	8.53	7.2	ng	415676	2	8.25	1159430	20.0
Undecane, 4,6-dim...	8.65	7.4	ng	431368	2	8.25	1159430	20.0
Tridecane	8.82	14.3	ng	826560	2	8.25	1159430	20.0
Naphthalene, 1,2,...	8.91	4.9	ng	285547	2	8.25	1159430	20.0
Cyclohexane, pentyl-	9.15	4.5	ng	230282	3	10.01	1032020	20.0
unknown9.19	9.19	4.4	ng	225877	3	10.01	1032020	20.0
Dodecane, 2,7,10-...	9.25	6.0	ng	311384	3	10.01	1032020	20.0
Tetradecane	9.39	15.5	ng	797950	3	10.01	1032020	20.0
Heptadecane, 2,6,...	9.71	14.6	ng	752612	3	10.01	1032020	20.0
Hexadecane	9.92	11.1	ng	570956	3	10.01	1032020	20.0
Bacchotricuneatin c	10.42	8.1	ng	417857	3	10.01	1032020	20.0
Heptadecane	10.90	13.2	ng	630870	4	11.50	958777	20.0
Tridecane, 2-methyl-	11.34	5.0	ng	239800	4	11.50	958777	20.0
Hexadecanoic acid...	11.88	32.2	ng	1543660	4	11.50	958777	20.0
9,12-Octadecadien...	12.57	99.3	ng	4760250	4	11.50	958777	20.0
14-Octadecenoic a...	12.59	77.0	ng	3690890	4	11.50	958777	20.0