

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107728.D
 Acq On : 27 Jul 2018 5:30
 Operator : JU/SJ
 Sample : J4163-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

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-BF072018.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	5.137	473	476	481	rVB	102484	105595	2.23%	0.146%
2	5.184	481	484	491	rBV2	257092	345446	7.29%	0.477%
3	5.378	511	517	521	rBV2	83577	134932	2.85%	0.186%
4	5.596	551	554	562	rBV	723247	1273847	26.87%	1.760%
5	5.772	582	584	587	rVB	127157	117216	2.47%	0.162%
6	5.984	612	620	623	rBV3	189809	280260	5.91%	0.387%
7	6.019	623	626	633	rVV3	81105	149489	3.15%	0.207%
8	6.095	633	639	640	rVV	98634	111229	2.35%	0.154%
9	6.119	640	643	646	rVV2	256966	338045	7.13%	0.467%
10	6.190	651	655	657	rVV	314976	376758	7.95%	0.520%
11	6.207	657	658	663	rVV	345294	347459	7.33%	0.480%
12	6.248	663	665	668	rVV	246138	218274	4.60%	0.302%
13	6.390	684	689	692	rBV3	161888	284320	6.00%	0.393%
14	6.419	692	694	696	rBV	109019	116754	2.46%	0.161%
15	6.443	696	698	702	rVB	181287	148019	3.12%	0.204%
16	6.490	702	706	711	rBV2	365256	464568	9.80%	0.642%
17	6.554	714	717	721	rBV3	112653	133687	2.82%	0.185%
18	6.595	721	724	727	rBV	525572	689996	14.55%	0.953%
19	6.625	727	729	732	rVV	220911	184007	3.88%	0.254%
20	6.690	736	740	744	rBV4	156311	241922	5.10%	0.334%
21	6.731	744	747	754	rBV	2582652	3264306	68.85%	4.509%
22	6.807	759	760	763	rVB	180003	107647	2.27%	0.149%
23	6.907	774	777	779	rBV3	238861	254225	5.36%	0.351%
24	6.954	782	785	797	rVB2	842071	1404723	29.63%	1.941%
25	7.054	797	802	805	rVB3	176037	231512	4.88%	0.320%
26	7.090	805	808	809	rBV	373286	337029	7.11%	0.466%
27	7.113	809	812	820	rVB2	2757358	3865853	81.54%	5.340%
28	7.172	820	822	824	rVB	154145	116908	2.47%	0.162%
29	7.201	824	827	829	rBV	501210	560050	11.81%	0.774%
30	7.219	829	830	833	rVB	403694	233805	4.93%	0.323%
31	7.266	836	838	840	rBV	349217	341806	7.21%	0.472%
32	7.290	840	842	846	rVB	645280	517463	10.91%	0.715%
33	7.348	849	852	854	rBV2	330327	281968	5.95%	0.390%
34	7.372	854	856	861	rVB4	186925	234550	4.95%	0.324%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
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35	7.413	861	863	866	rBV2	175465	211164	4.45%	0.292%
36	7.484	869	875	879	rBV	1424234	1799688	37.96%	2.486%
37	7.525	879	882	888	rBV2	2399626	2946653	62.15%	4.071%
38	7.595	888	894	897	rVB4	522209	765740	16.15%	1.058%
39	7.642	897	902	907	rBV4	424938	564884	11.91%	0.780%
40	7.695	908	911	913	rBV4	139019	150962	3.18%	0.209%
41	7.719	913	915	917	rBV	744451	567592	11.97%	0.784%
42	7.748	917	920	926	rVB4	599118	969892	20.46%	1.340%
43	7.848	930	937	939	rBV5	405249	725088	15.29%	1.002%
44	7.884	939	943	954	rVB5	813619	1461109	30.82%	2.018%
45	7.978	954	959	961	rBV	2147628	2285400	48.20%	3.157%
46	7.995	961	962	967	rVB	550101	498472	10.51%	0.689%
47	8.048	967	971	974	rBV2	447908	650186	13.71%	0.898%
48	8.101	977	980	983	rVB	526857	467278	9.86%	0.646%
49	8.131	983	985	988	rBV4	161224	216168	4.56%	0.299%
50	8.178	988	993	995	rBV4	349991	429216	9.05%	0.593%
51	8.225	997	1001	1002	rBV	495100	514501	10.85%	0.711%
52	8.242	1002	1004	1008	rVV2	1293961	1696483	35.78%	2.344%
53	8.284	1008	1011	1014	rVB	1558742	1456357	30.72%	2.012%
54	8.319	1014	1017	1022	rVB4	557739	625144	13.19%	0.864%
55	8.384	1025	1028	1031	rBV2	345040	364686	7.69%	0.504%
56	8.431	1034	1036	1041	rVB	729750	754881	15.92%	1.043%
57	8.484	1041	1045	1048	rBV2	642052	802314	16.92%	1.108%
58	8.519	1048	1051	1056	rVB3	683430	782317	16.50%	1.081%
59	8.560	1056	1058	1064	rBV6	131958	271356	5.72%	0.375%
60	8.619	1064	1068	1070	rBV2	333625	405888	8.56%	0.561%
61	8.642	1070	1072	1074	rVB	1161008	799560	16.86%	1.105%
62	8.672	1074	1077	1080	rBV3	218643	197801	4.17%	0.273%
63	8.701	1080	1082	1085	rVB2	355353	281766	5.94%	0.389%
64	8.742	1085	1089	1091	rBV	815717	777705	16.40%	1.074%
65	8.795	1096	1098	1100	rVB2	188175	142977	3.02%	0.198%
66	8.901	1113	1116	1119	rVB2	798724	827966	17.46%	1.144%
67	8.978	1127	1129	1132	rVB2	206160	162110	3.42%	0.224%
68	9.013	1132	1135	1136	rBV2	182145	196326	4.14%	0.271%
69	9.054	1139	1142	1147	rVV	1110309	1309197	27.61%	1.809%
70	9.095	1147	1149	1153	rVV3	339980	319022	6.73%	0.441%
71	9.131	1153	1155	1159	rVB3	372245	443811	9.36%	0.613%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	9.178	1160	1163	1165	rBV2	287461	336378	7.09%	0.465%
73	9.201	1165	1167	1169	rVB2	206789	152300	3.21%	0.210%
74	9.242	1172	1174	1177	rBV2	1059708	862029	18.18%	1.191%
75	9.319	1182	1187	1192	rBV	4345271	4741173	100.00%	6.550%
76	9.383	1196	1198	1201	rVV	431103	465461	9.82%	0.643%
77	9.419	1202	1204	1206	rVV2	224498	239156	5.04%	0.330%
78	9.460	1209	1211	1214	rVV3	488879	474711	10.01%	0.656%
79	9.489	1214	1216	1222	rVB5	177027	233093	4.92%	0.322%
80	9.660	1242	1245	1249	rBV3	257916	425891	8.98%	0.588%
81	9.701	1249	1252	1256	rVB2	948043	1034680	21.82%	1.429%
82	9.854	1276	1278	1283	rVB5	162147	183157	3.86%	0.253%
83	9.901	1283	1286	1289	rBV4	266204	342006	7.21%	0.472%
84	10.001	1300	1303	1308	rBV2	1338428	1524655	32.16%	2.106%
85	10.131	1322	1325	1330	rVB4	253245	311941	6.58%	0.431%
86	10.313	1351	1356	1360	rBV2	632197	940772	19.84%	1.300%
87	10.360	1361	1364	1366	rVB3	320036	331657	7.00%	0.458%
88	10.625	1406	1409	1416	rVB	313729	406778	8.58%	0.562%
89	10.689	1416	1420	1423	rBV5	101594	169686	3.58%	0.234%
90	10.754	1426	1431	1435	rVV	1028917	1457577	30.74%	2.014%
91	10.795	1435	1438	1448	rVV2	2462898	3393483	71.57%	4.688%
92	10.895	1452	1455	1461	rVB	306546	311520	6.57%	0.430%
93	11.360	1531	1534	1542	rVB3	179652	239072	5.04%	0.330%
94	11.495	1553	1557	1569	rVB	1095964	1283154	27.06%	1.773%
95	12.001	1640	1643	1654	rVB	381016	472832	9.97%	0.653%
96	12.789	1774	1777	1783	rBV	119148	128524	2.71%	0.178%
97	13.077	1822	1826	1836	rBV	3527627	3594844	75.82%	4.966%
98	13.954	1972	1975	1984	rVB	258372	264905	5.59%	0.366%
99	14.142	2003	2007	2018	rBV	1025212	1151211	24.28%	1.590%
100	15.671	2260	2267	2281	rVB2	748237	1260491	26.59%	1.741%

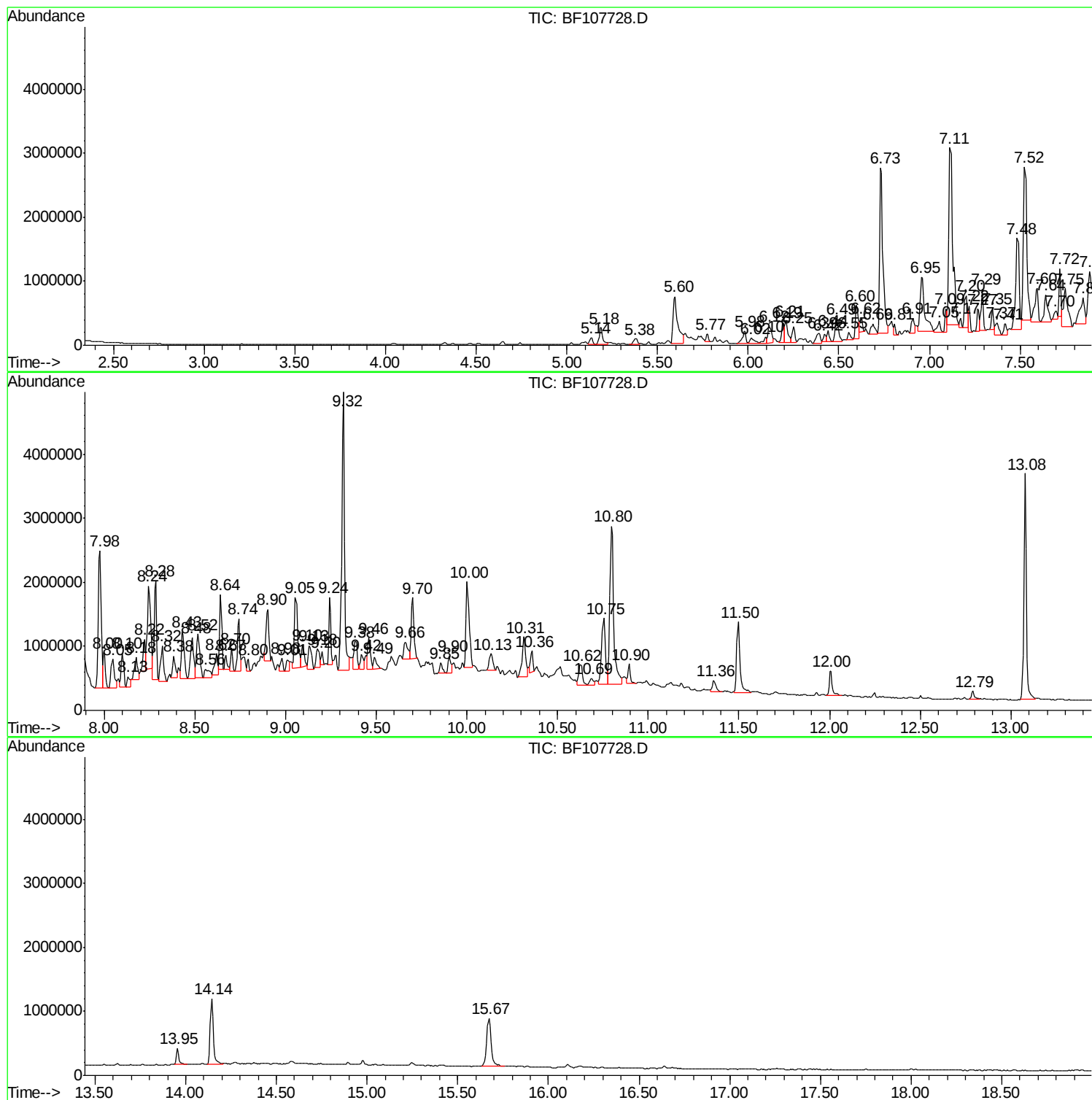
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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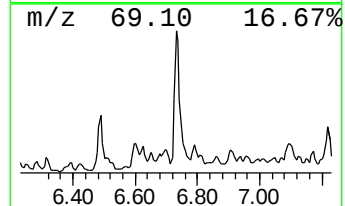
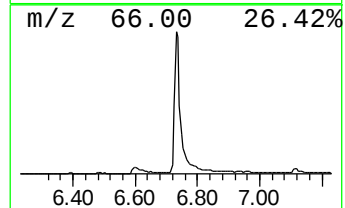
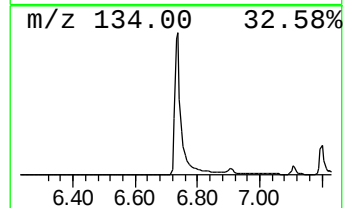
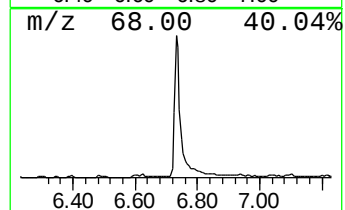
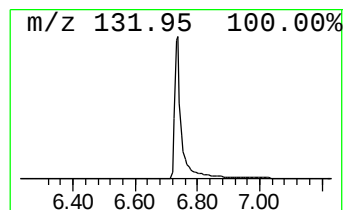
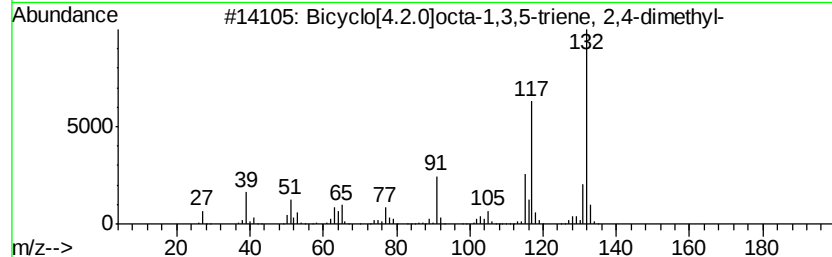
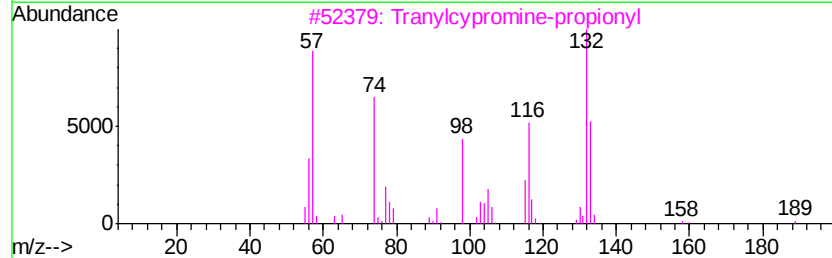
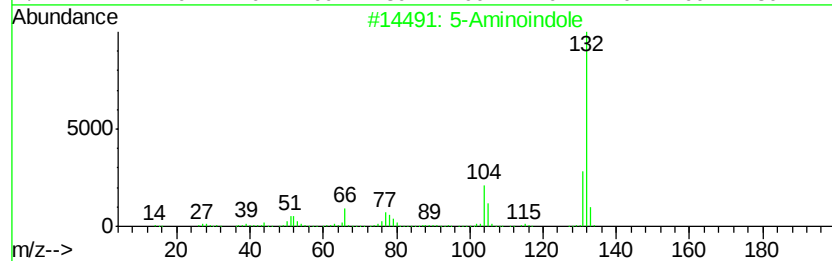
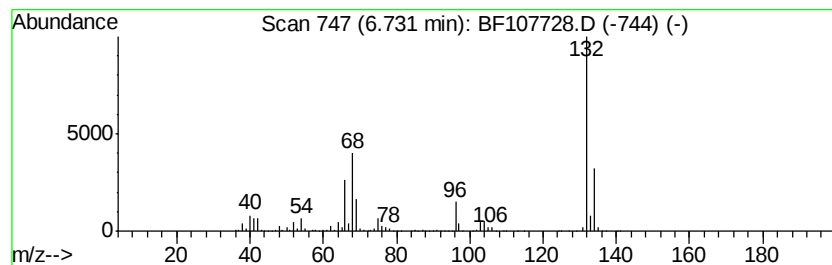
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	46.48 ng	3264310	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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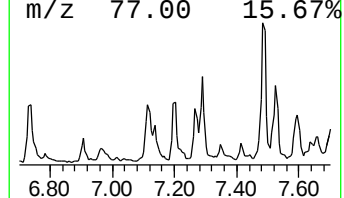
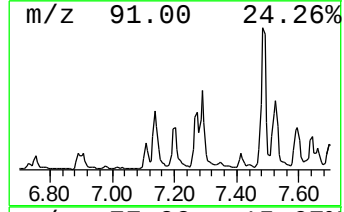
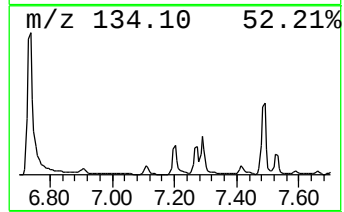
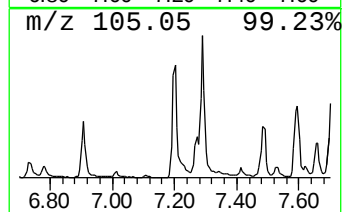
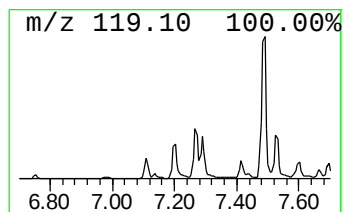
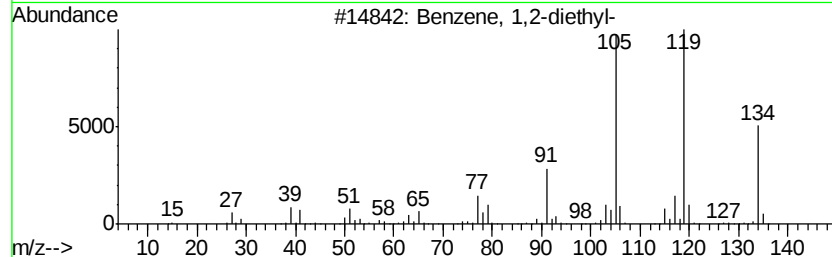
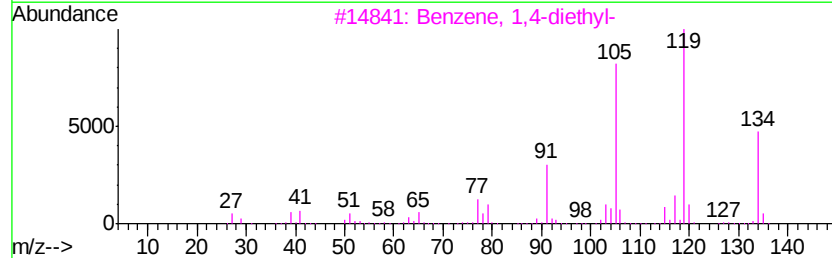
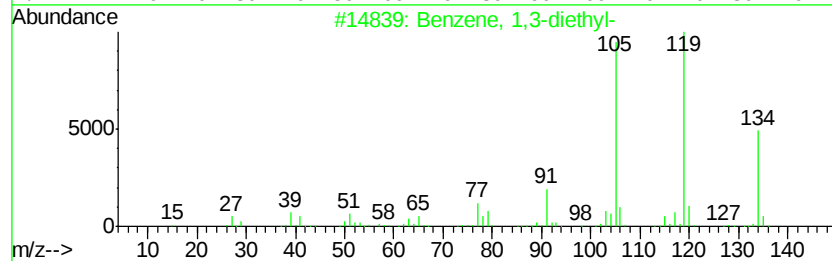
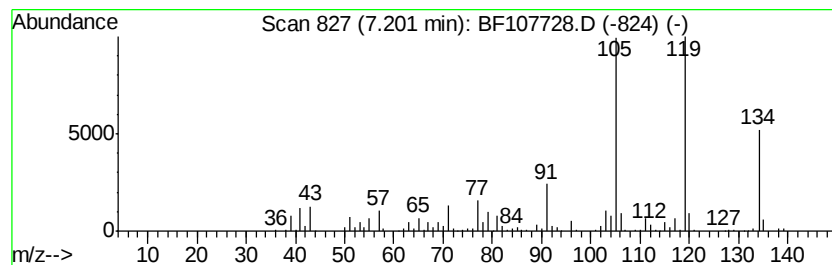
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	7.97 ng	560050	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87



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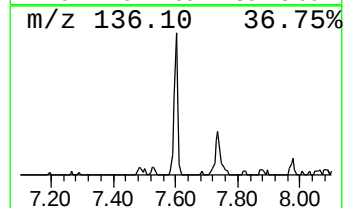
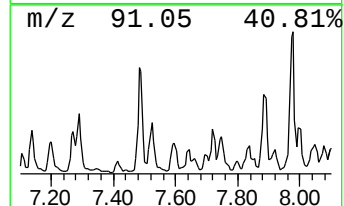
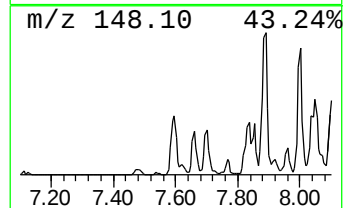
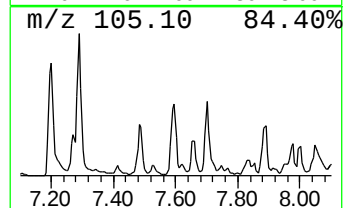
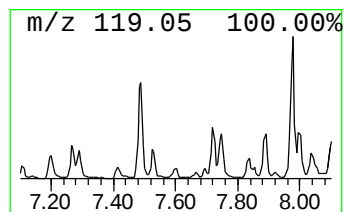
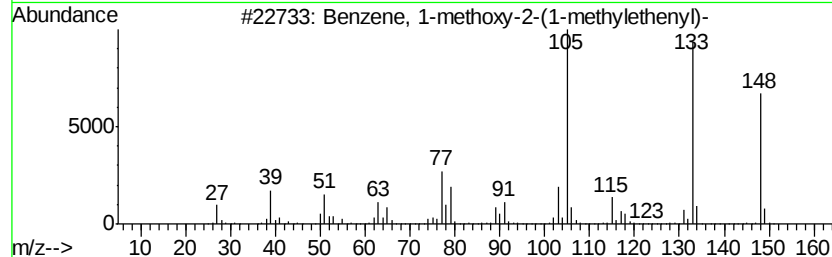
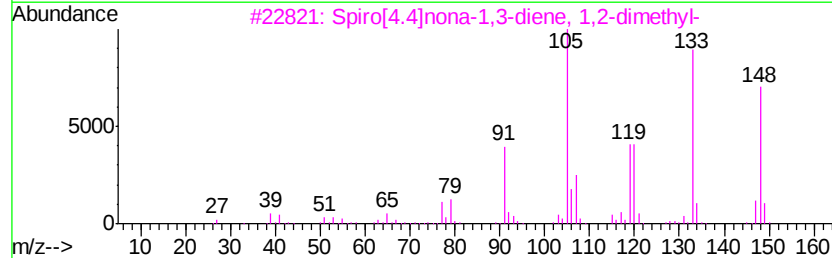
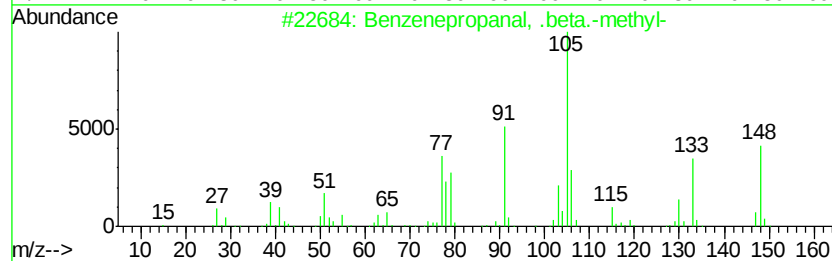
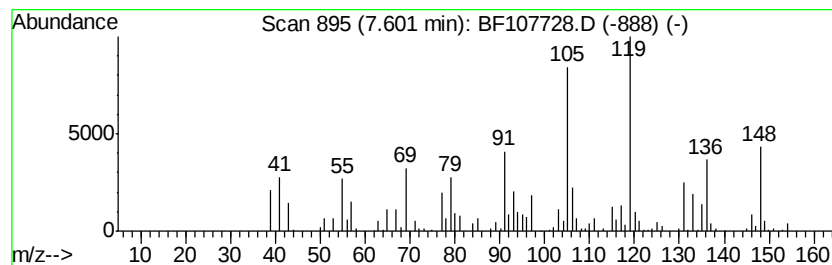
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.60 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	10.90 ng	765740	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	41
2		Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	38
3		Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	30
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	25
5		Benzenemethanol, .alpha.-1-prope...	148	C10H12O	003347-57-7	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
Operator : JU/SJ
Sample : J4163-06
Misc :
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Instrument :
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ClientSampleId :
MW-11

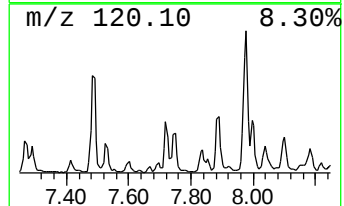
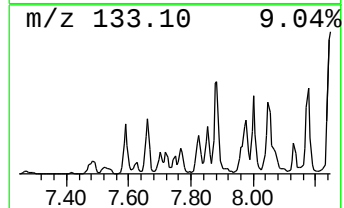
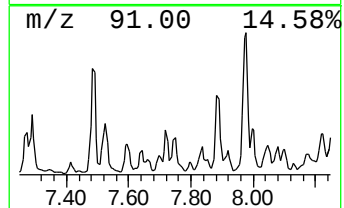
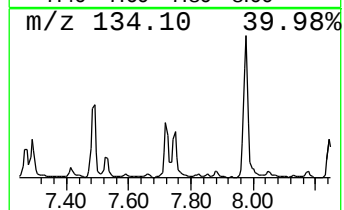
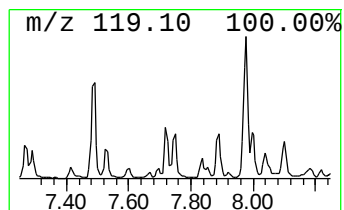
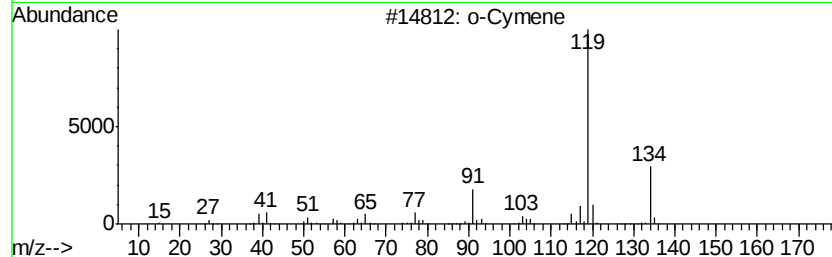
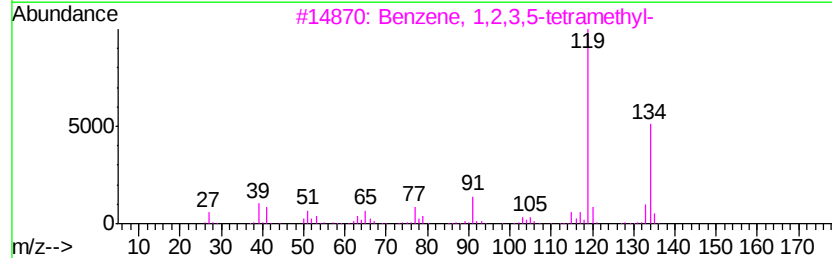
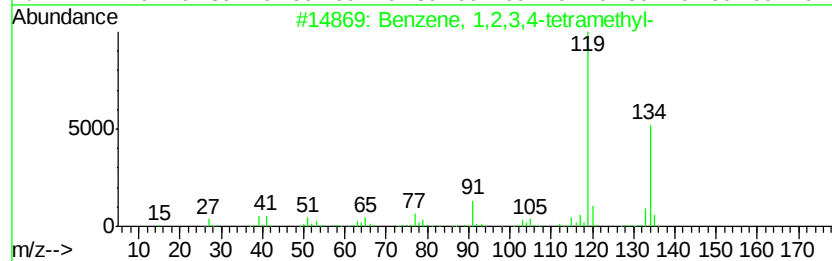
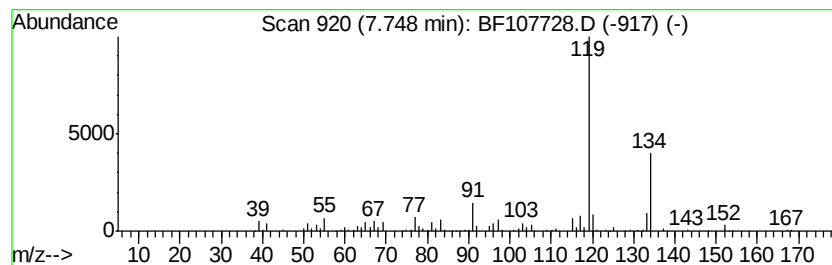
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	11.43 ng	969892	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
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Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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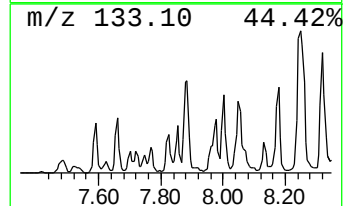
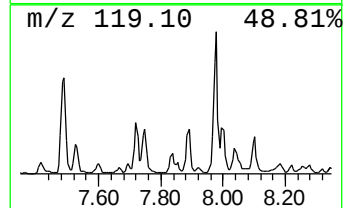
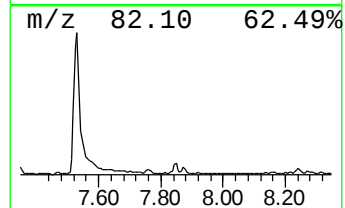
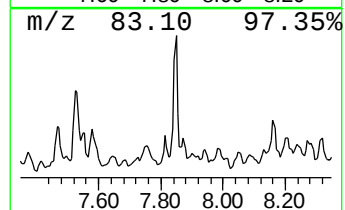
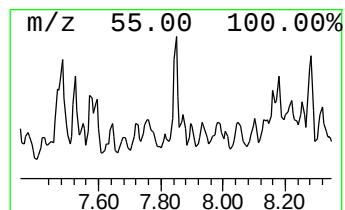
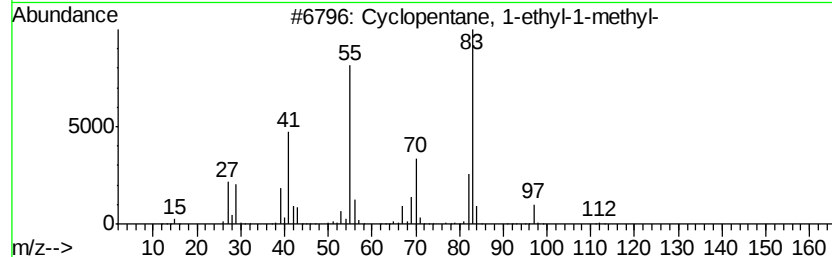
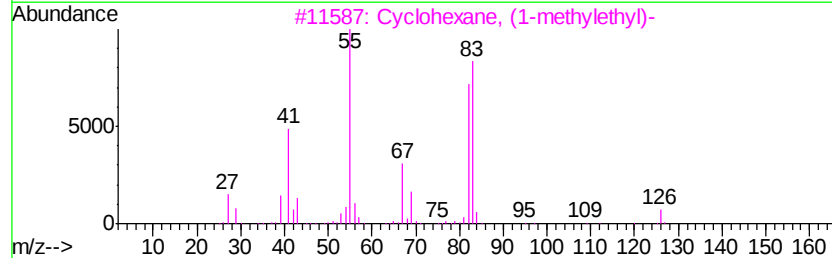
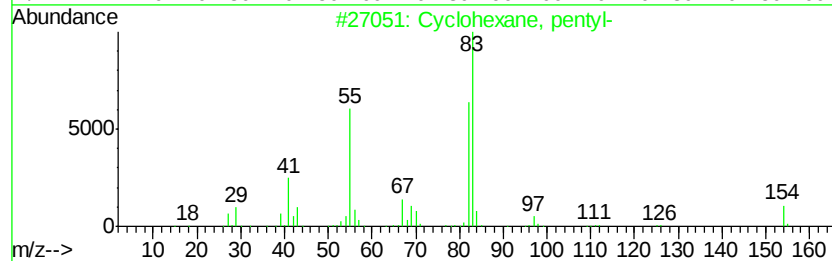
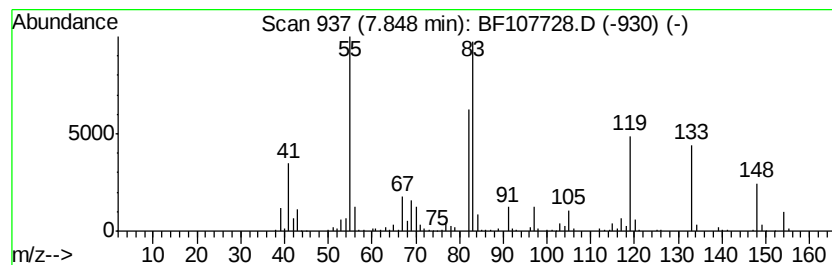
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, pentyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	8.55 ng	725088	Napthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	45
3		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	41
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
Operator : JU/SJ
Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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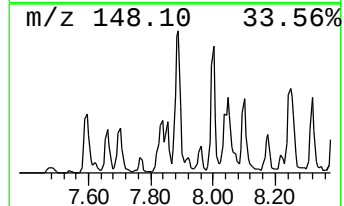
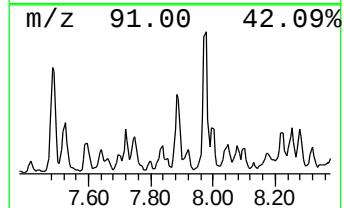
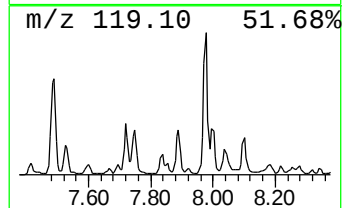
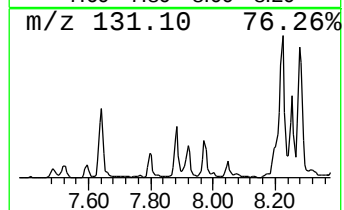
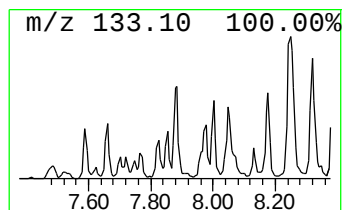
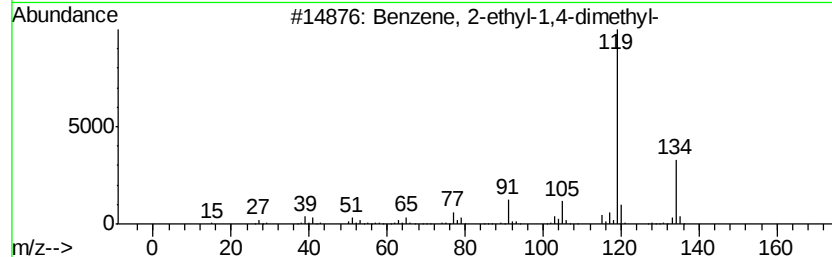
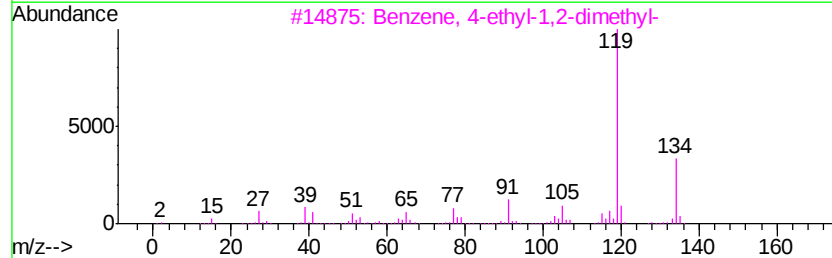
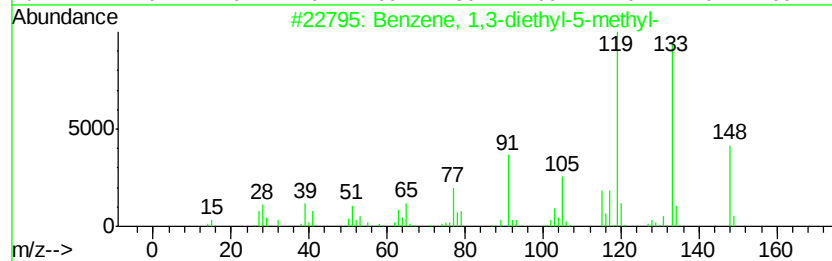
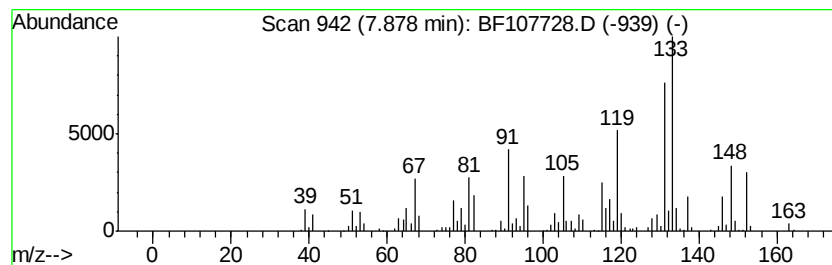
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	17.23 ng	1461110	Napthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	45
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
4		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	38
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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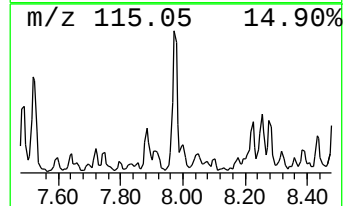
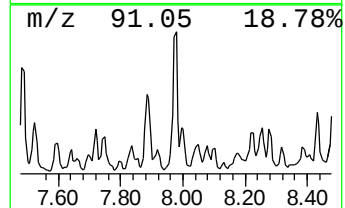
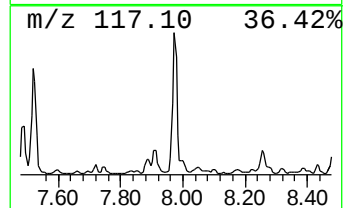
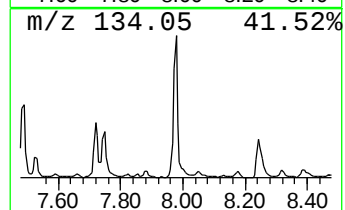
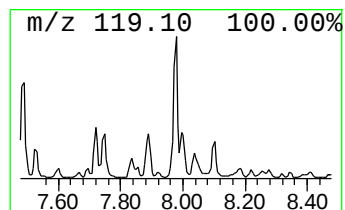
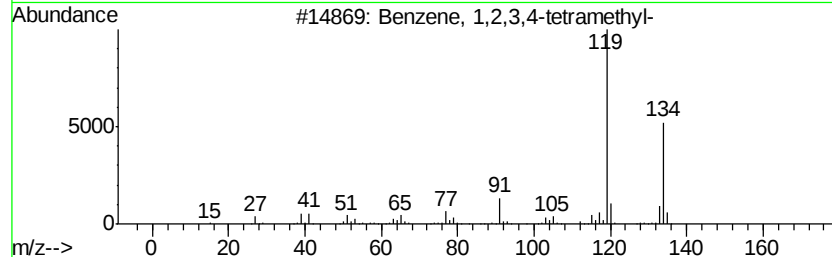
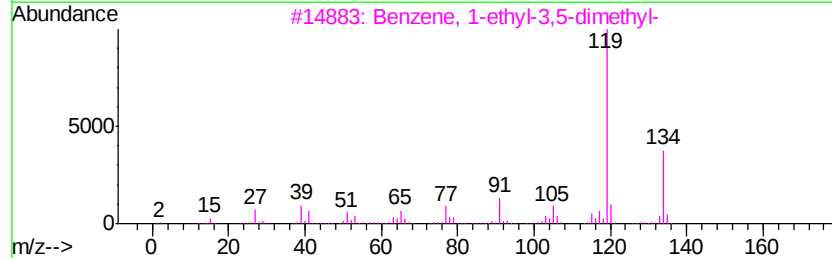
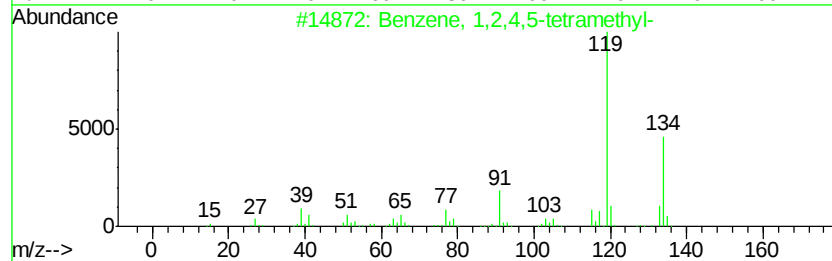
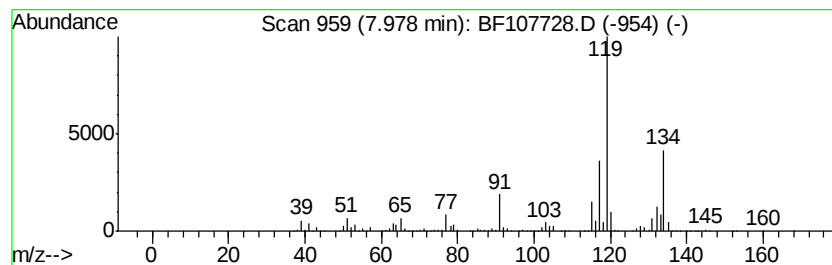
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	26.94 ng	2285400	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
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Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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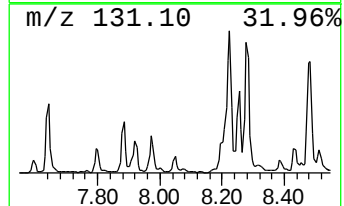
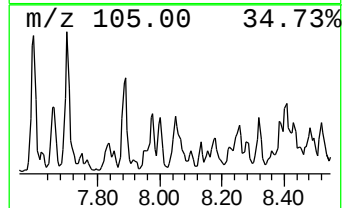
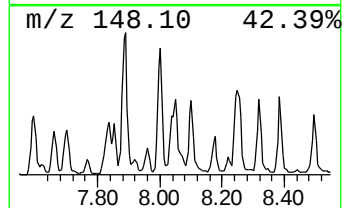
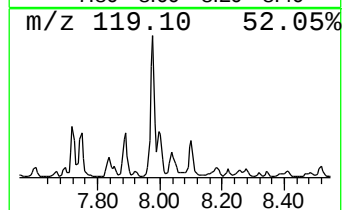
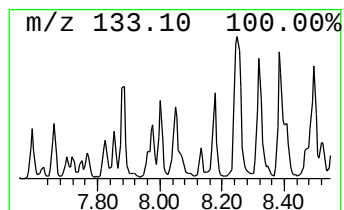
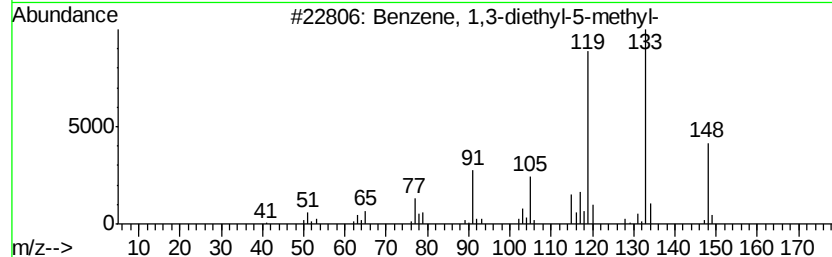
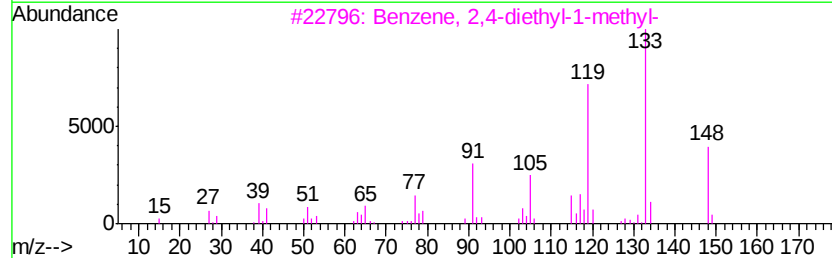
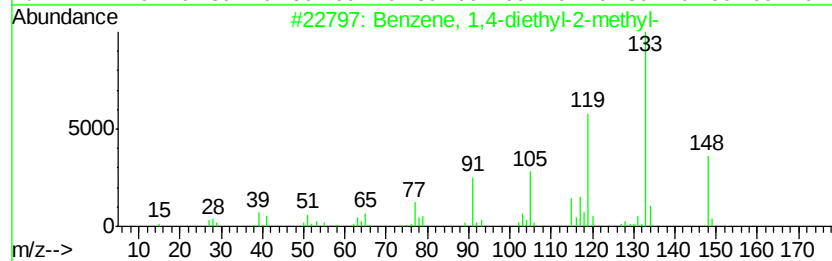
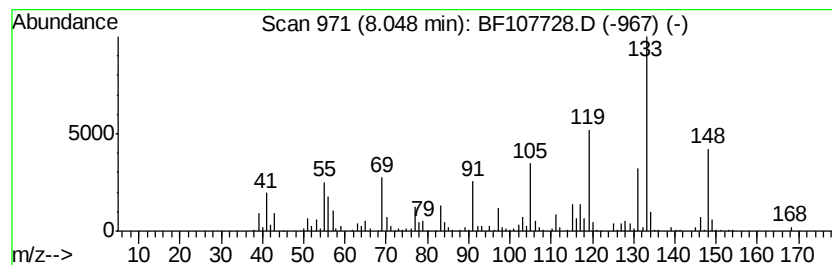
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	7.67 ng	650186	Napthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	96
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	93
3		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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ClientSampleId :
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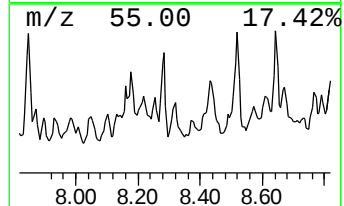
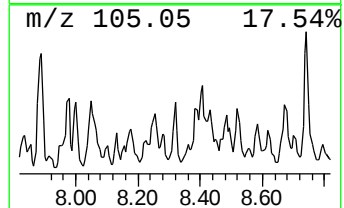
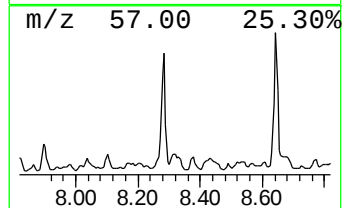
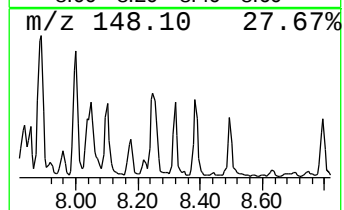
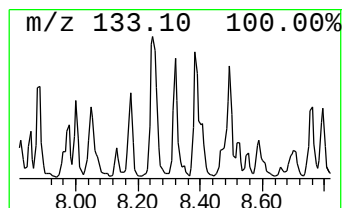
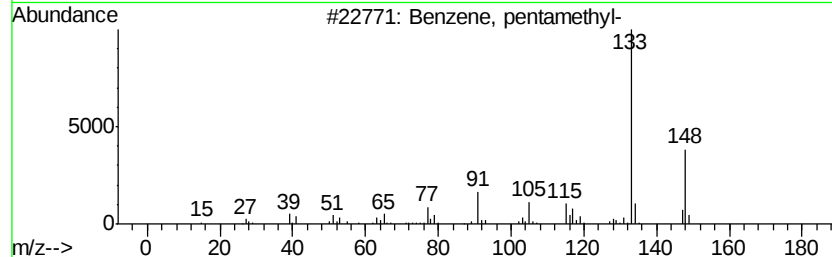
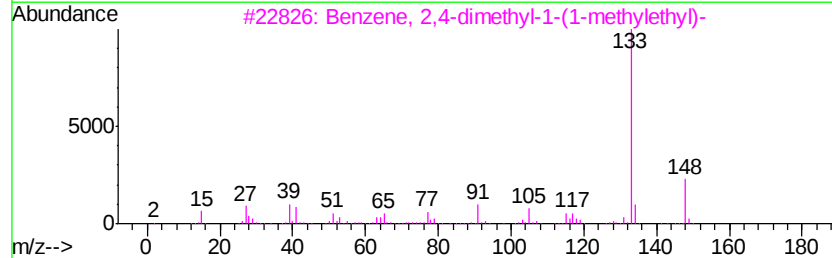
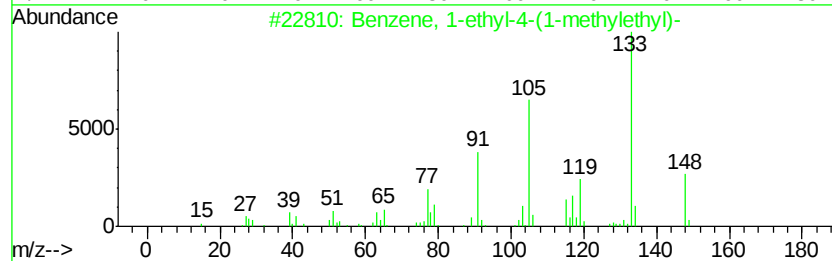
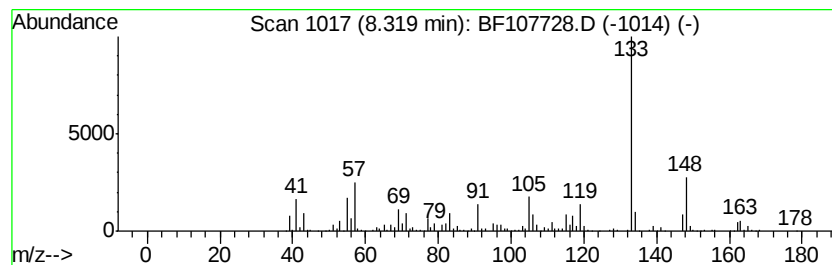
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	7.37 ng	625144	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
2		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	81
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
5		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
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ClientSampleId :
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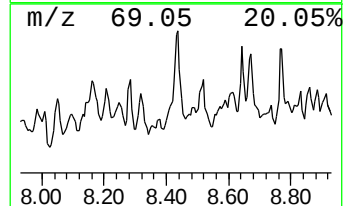
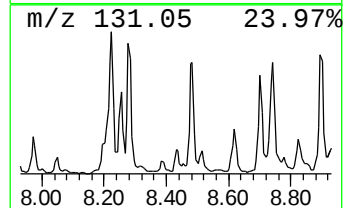
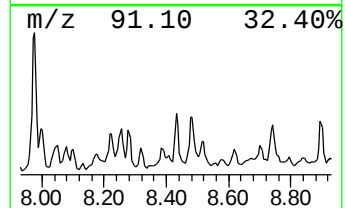
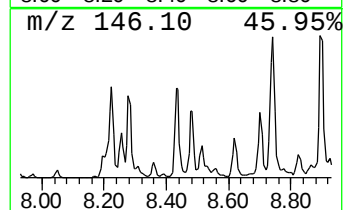
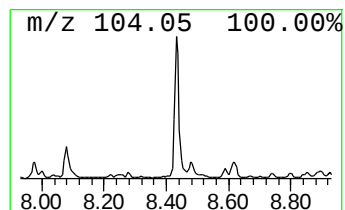
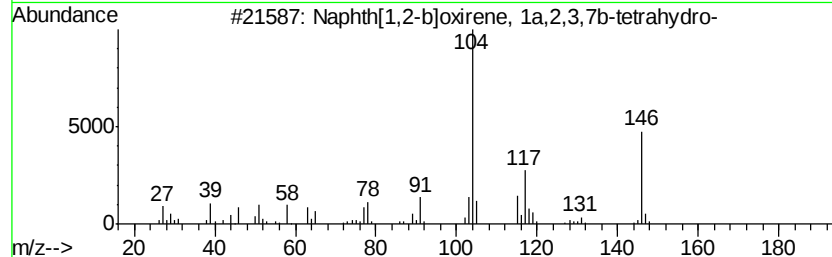
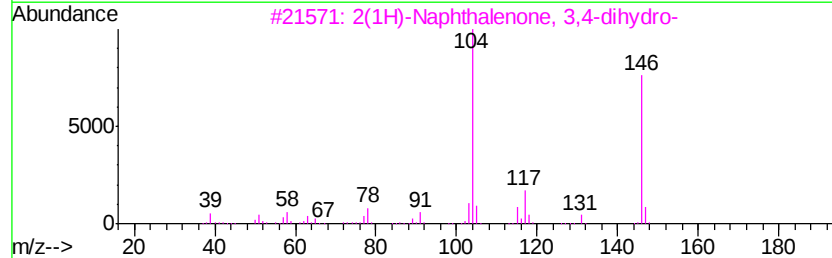
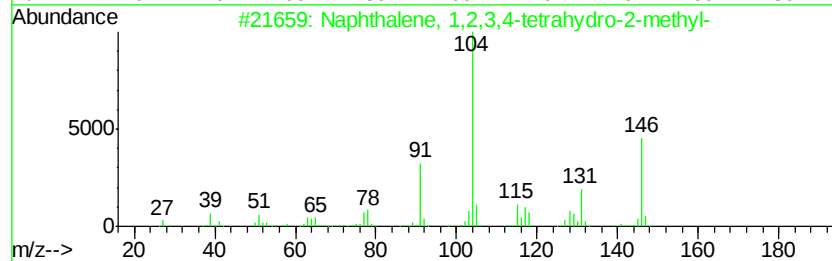
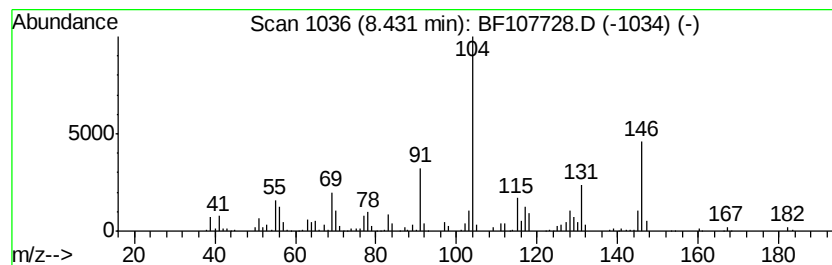
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	8.90 ng	754881	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	52
5		Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
Operator : JU/SJ
Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

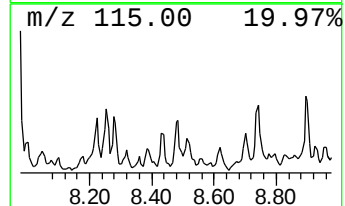
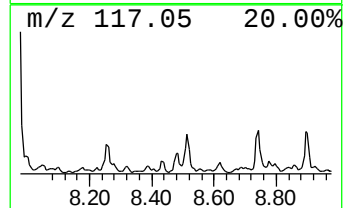
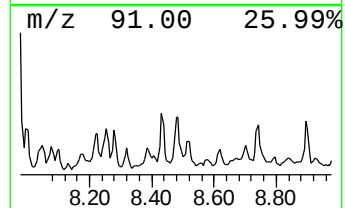
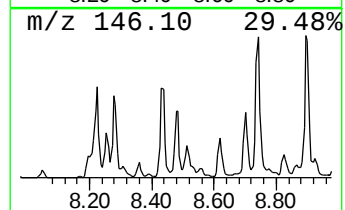
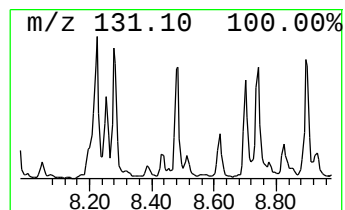
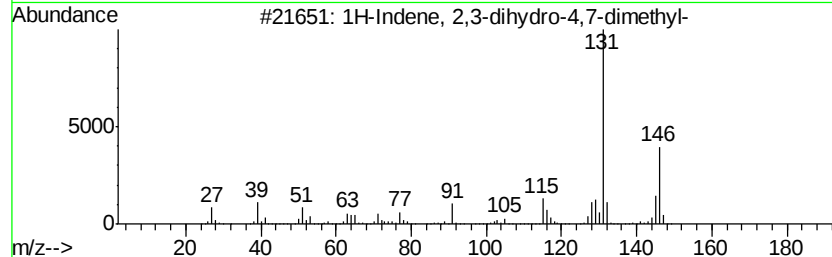
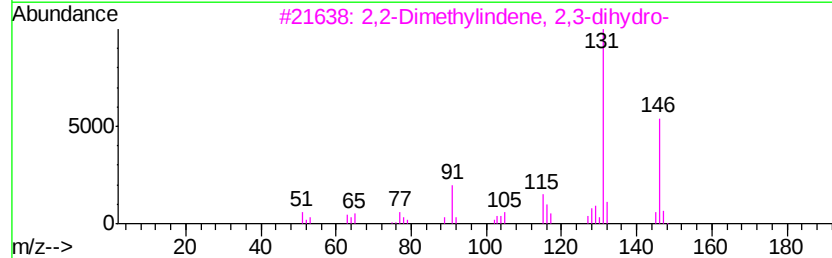
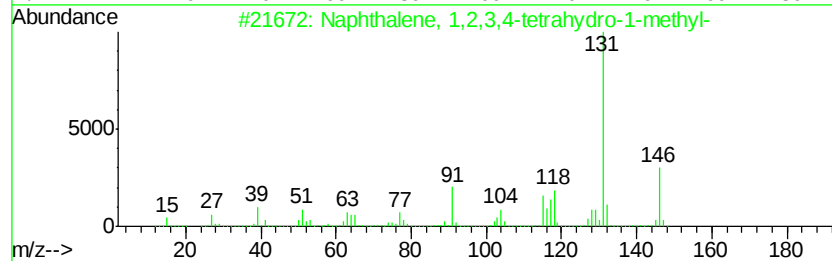
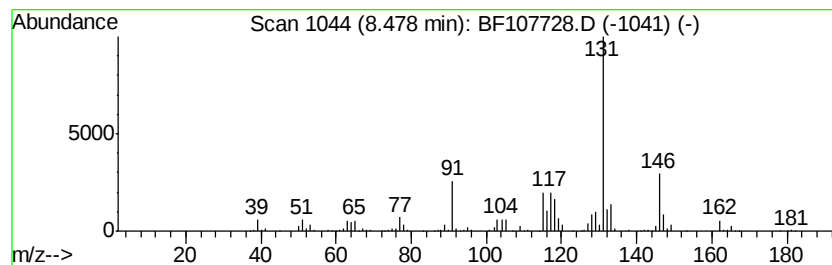
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	9.46 ng	802314	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4		1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	64
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
Operator : JU/SJ
Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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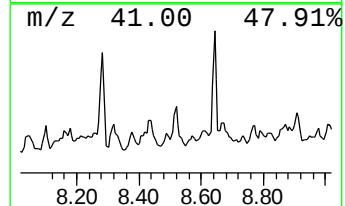
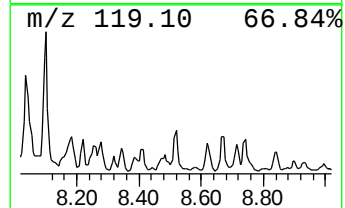
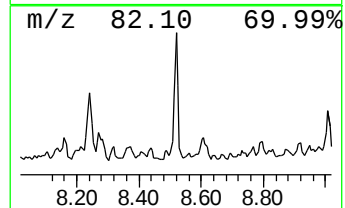
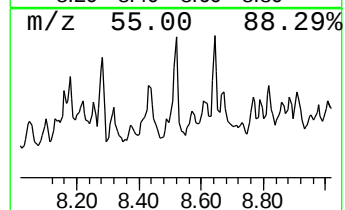
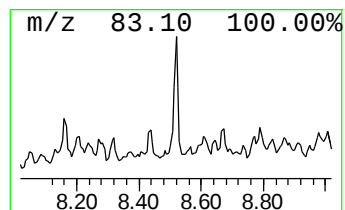
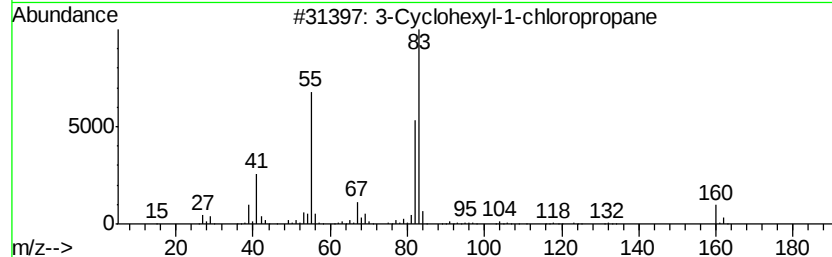
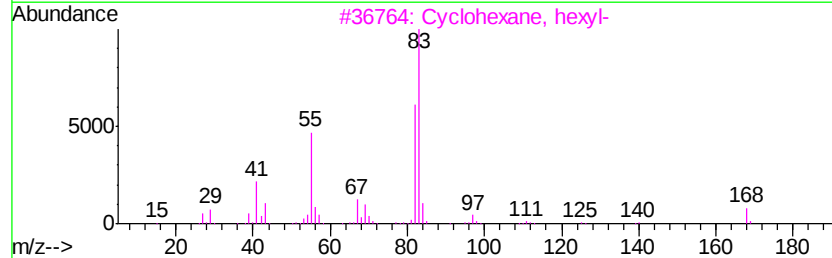
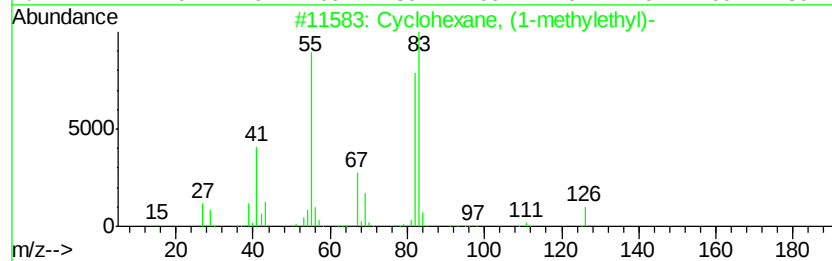
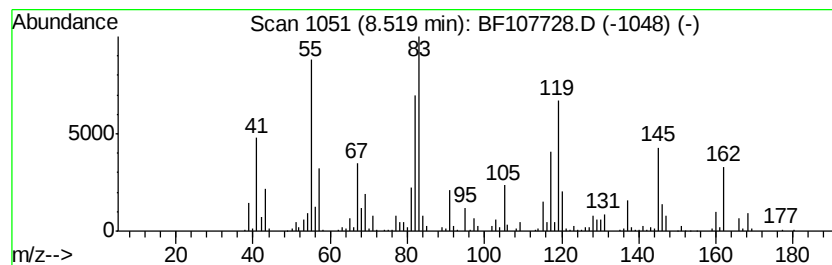
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	9.22 ng	782317	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
3		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	30
4		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	25
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
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Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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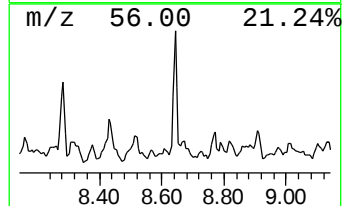
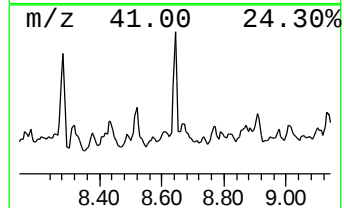
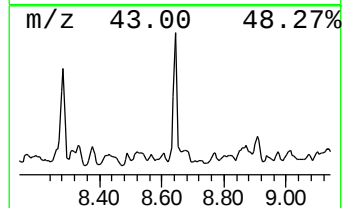
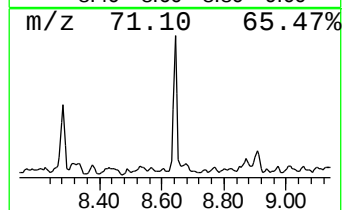
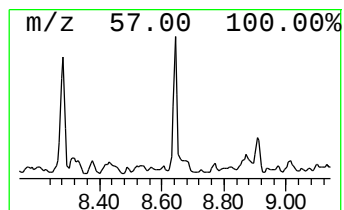
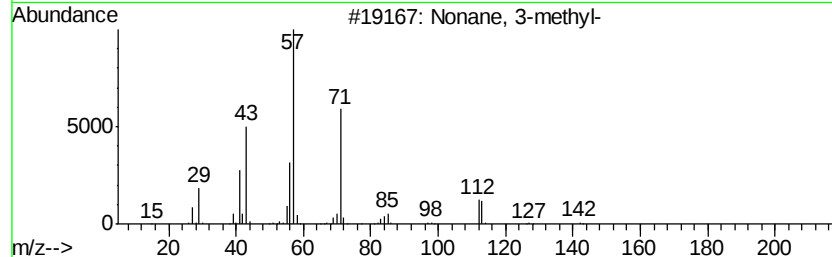
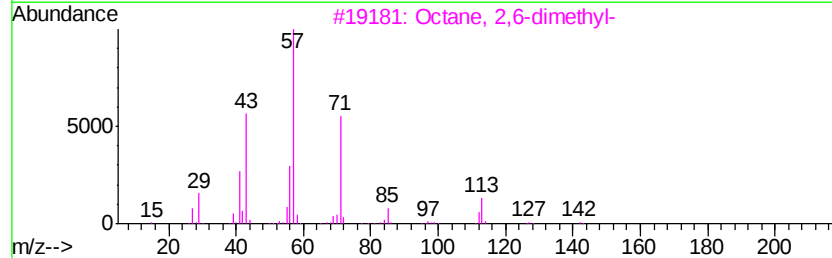
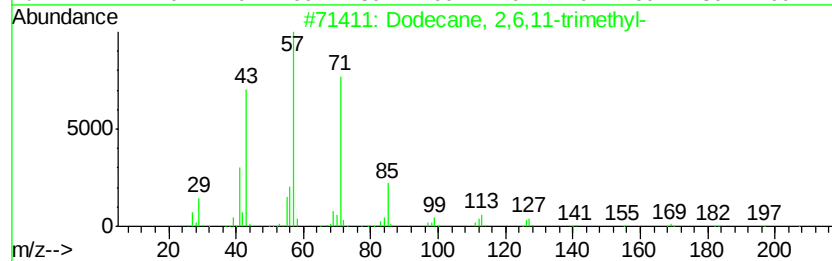
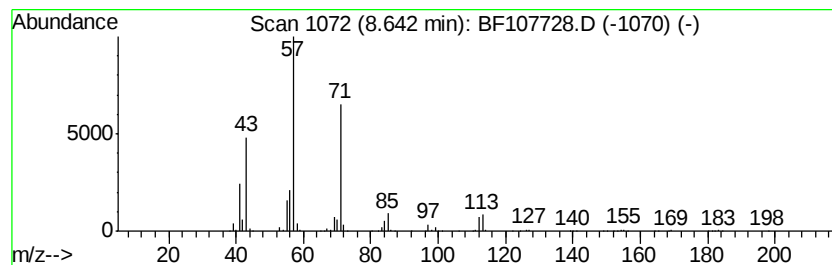
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	9.43 ng	799560	Napthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
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Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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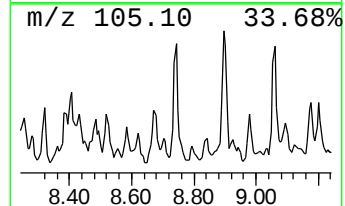
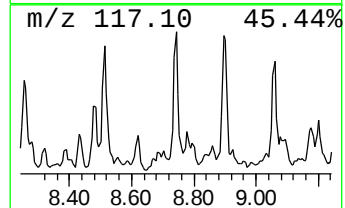
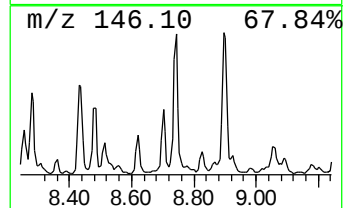
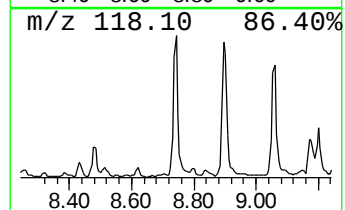
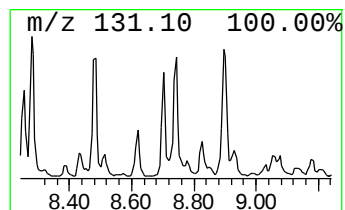
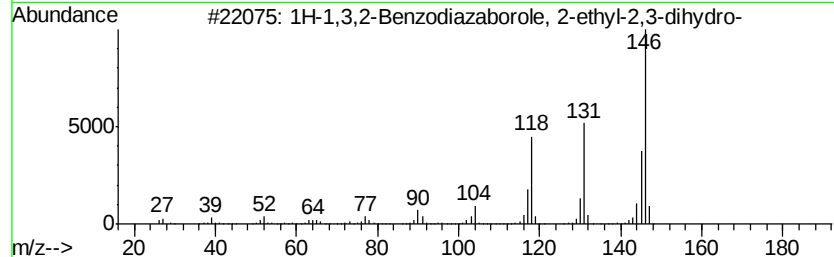
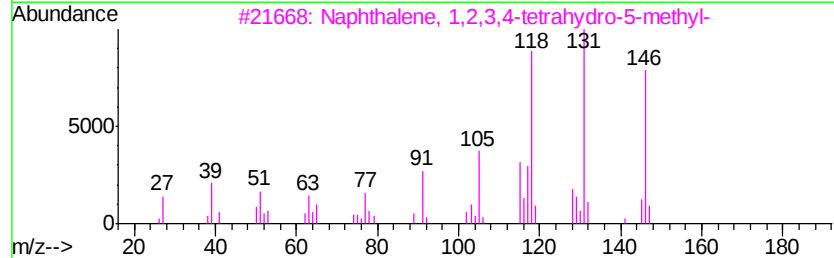
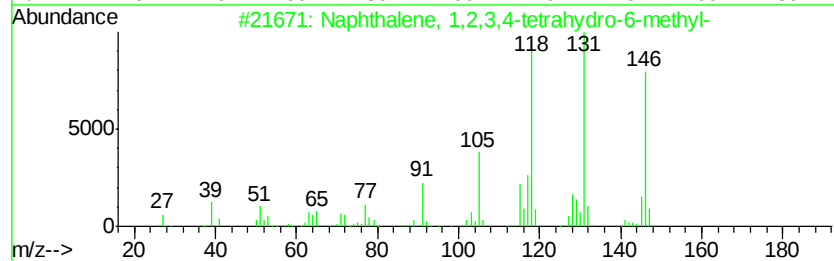
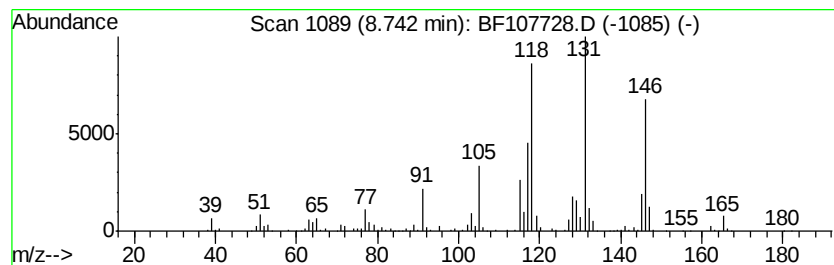
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	9.17 ng	777705	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	98
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	83
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	78
5		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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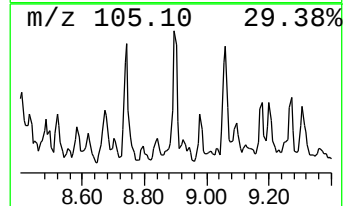
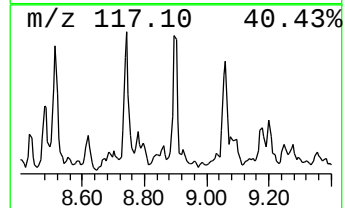
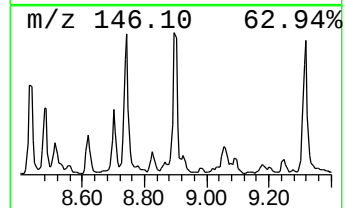
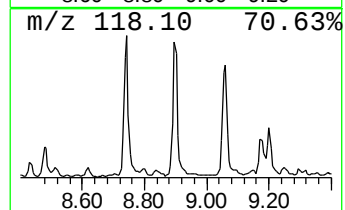
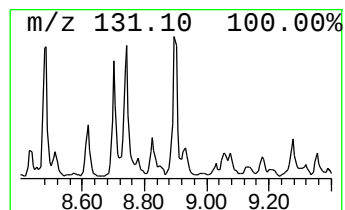
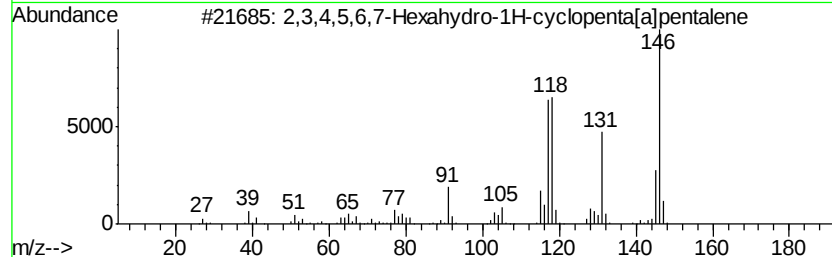
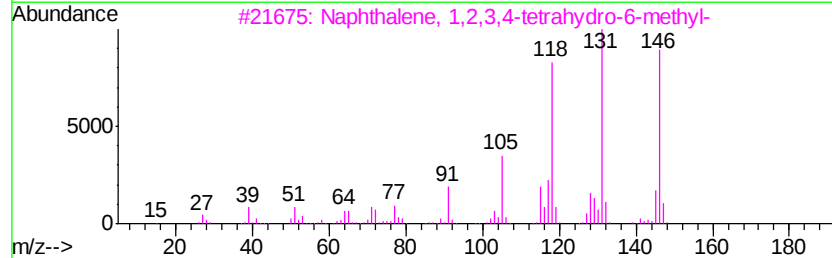
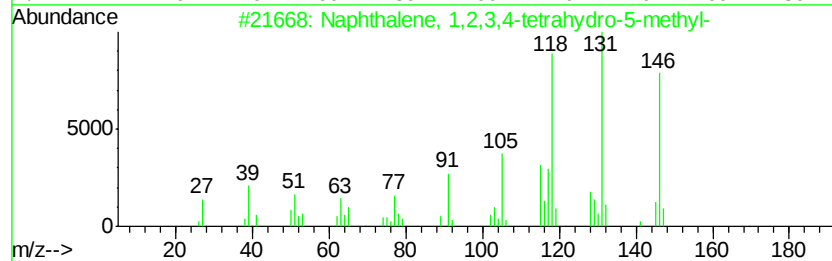
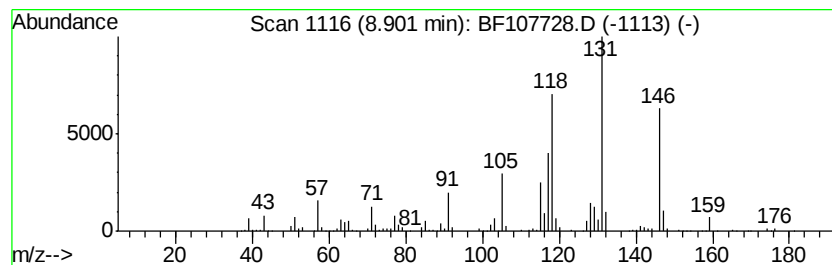
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	9.76 ng	827966	Naphthalene-d8	8.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	76
4			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	74
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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ClientSampleId :
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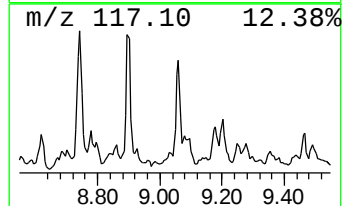
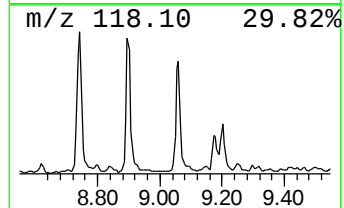
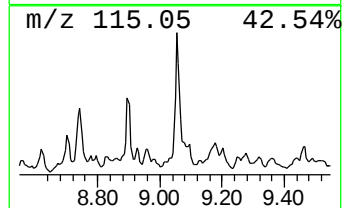
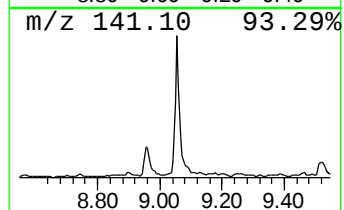
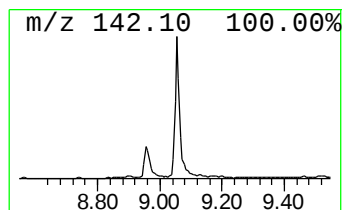
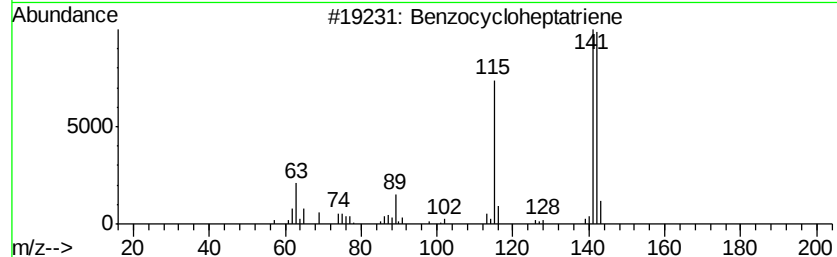
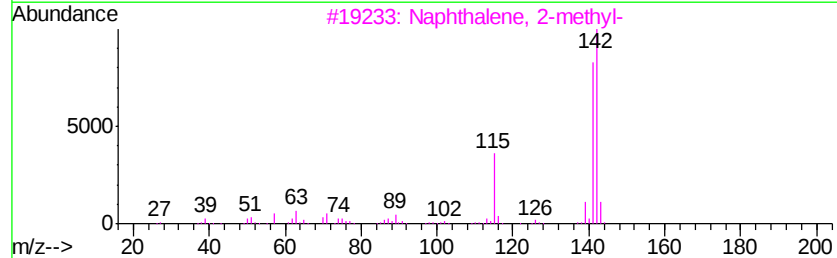
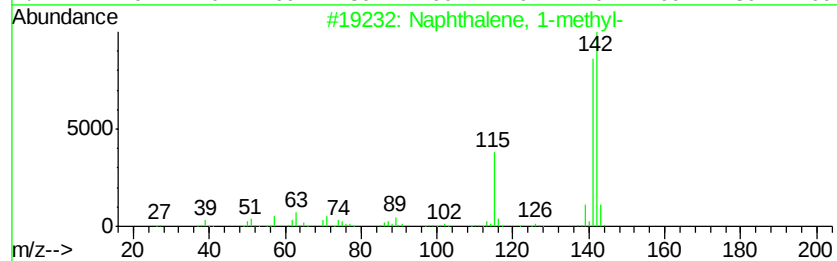
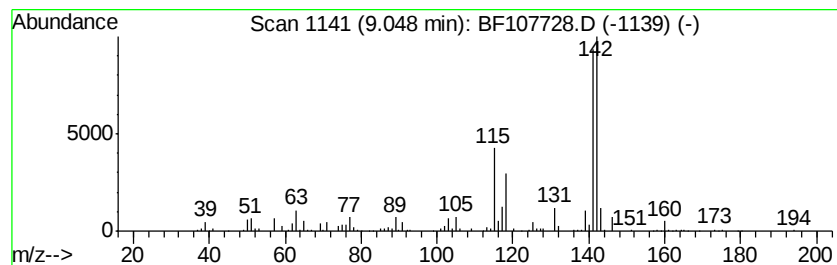
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	15.43 ng	1309200	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	92
3		Benzocycloheptatriene	142	C11H10	000264-09-5	83
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64
5		Spiro(9-methylenetricyclo[6.2.1....	184	C13H12O	033929-47-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
Operator : JU/SJ
Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

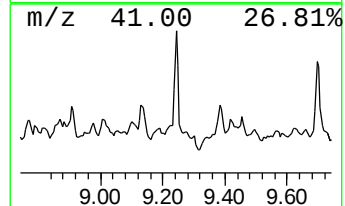
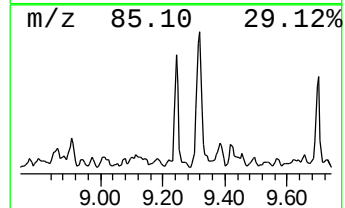
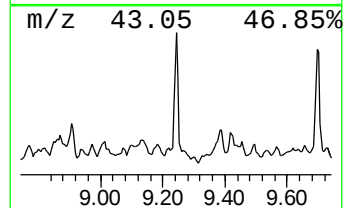
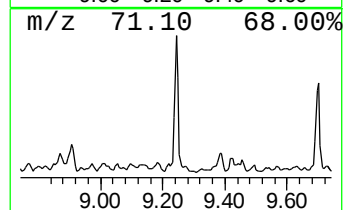
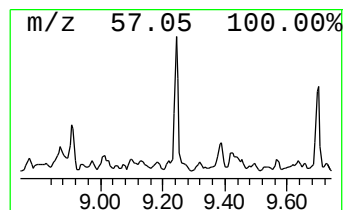
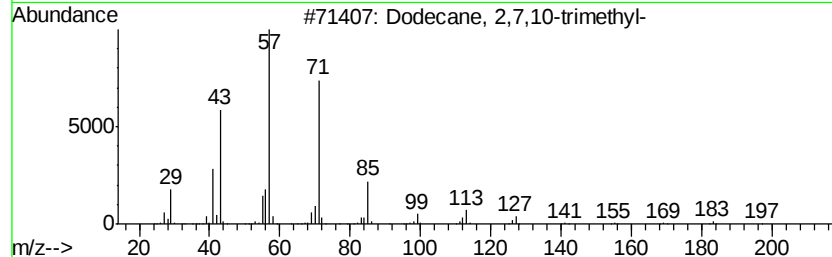
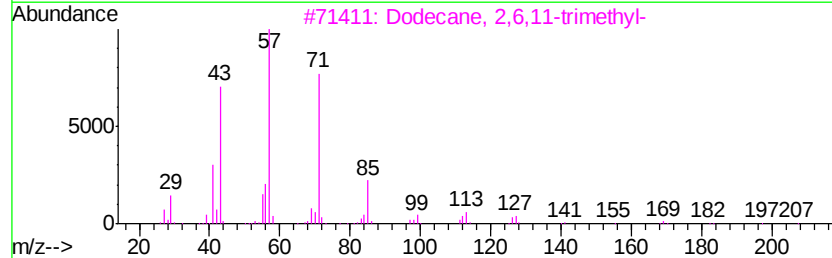
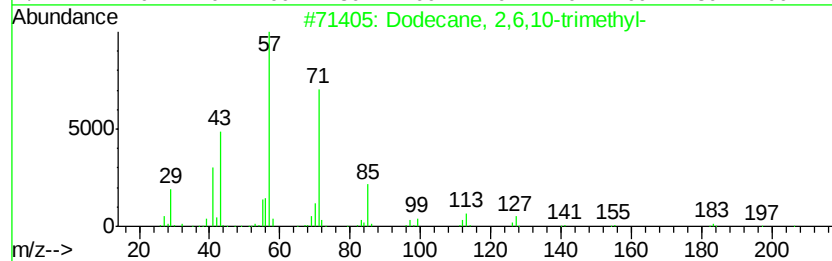
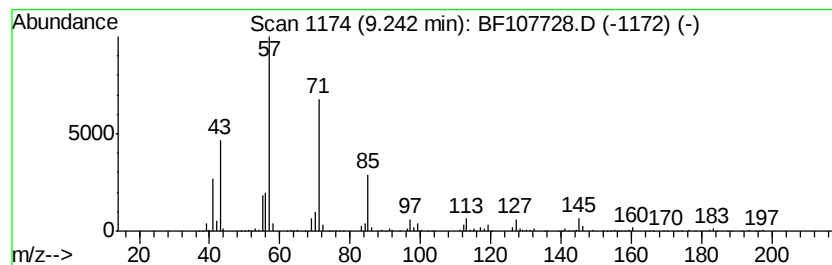
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	11.31 ng	862029	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
Operator : JU/SJ
Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

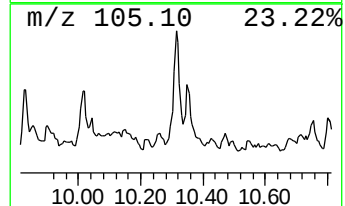
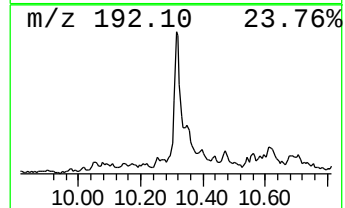
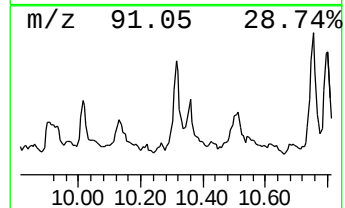
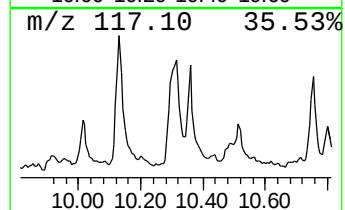
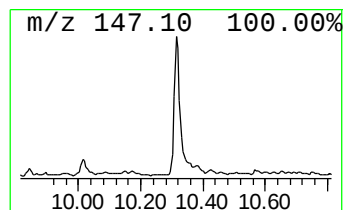
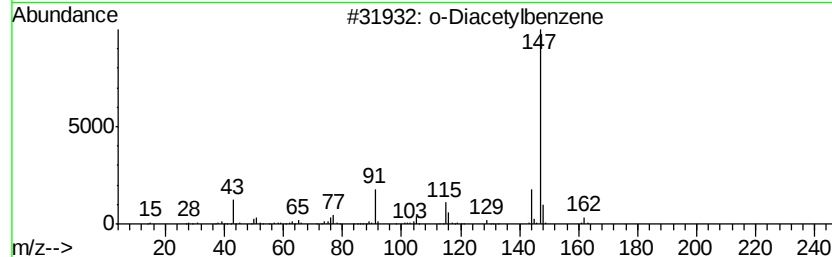
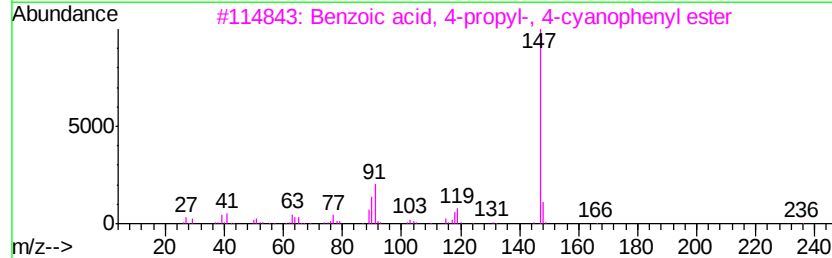
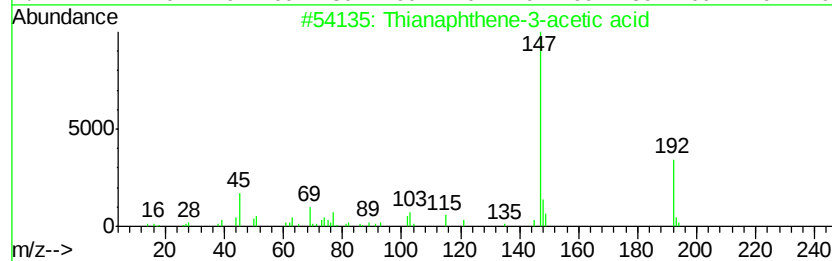
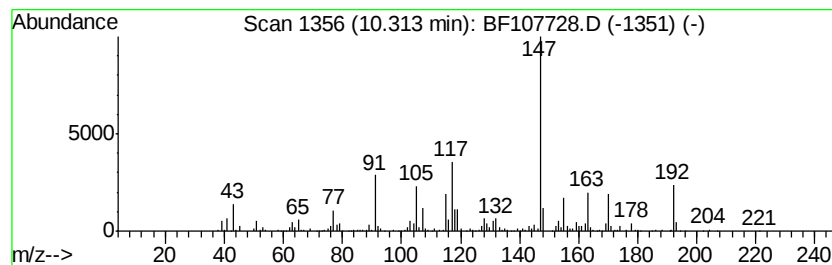
Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.31 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.31	12.34 ng	940772	Acenaphthene-d10	10.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thianaphthene-3-acetic acid	192	C10H8O2S	001131-09-5	46
2		Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15N02	056131-49-8	43
3		o-Diacetylbenzene	162	C10H10O2	000704-00-7	43
4		Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FN02	086776-51-4	43
5		2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107728.D
Acq On : 27 Jul 2018 5:30
Operator : JU/SJ
Sample : J4163-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

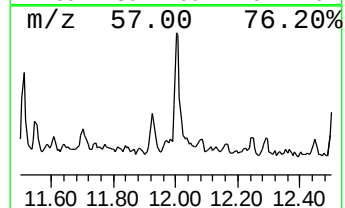
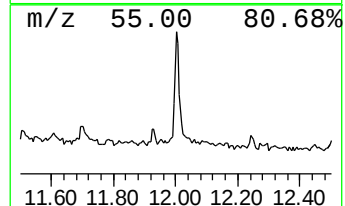
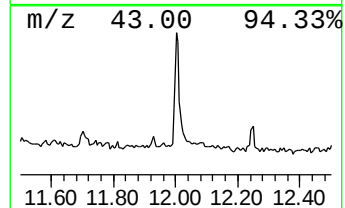
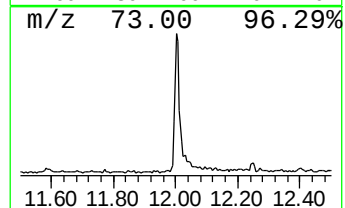
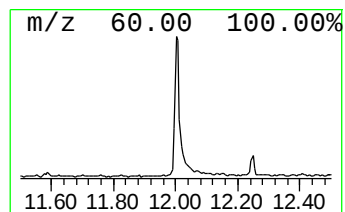
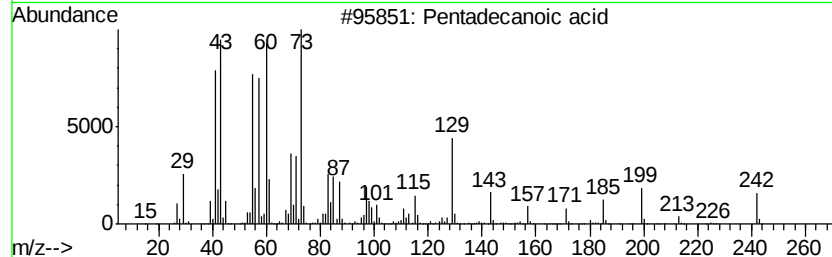
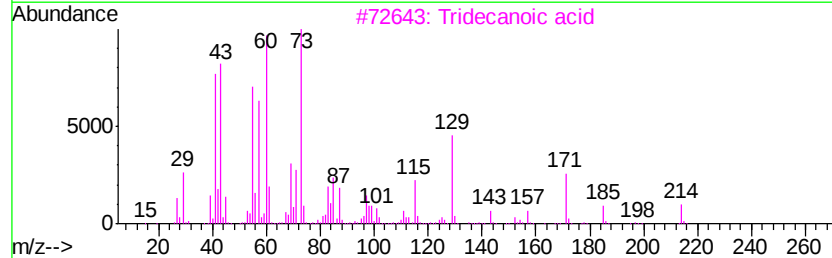
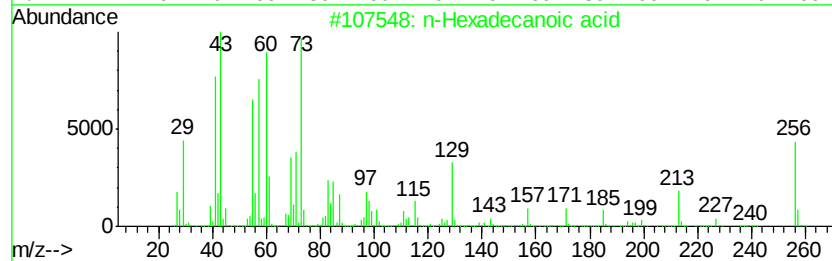
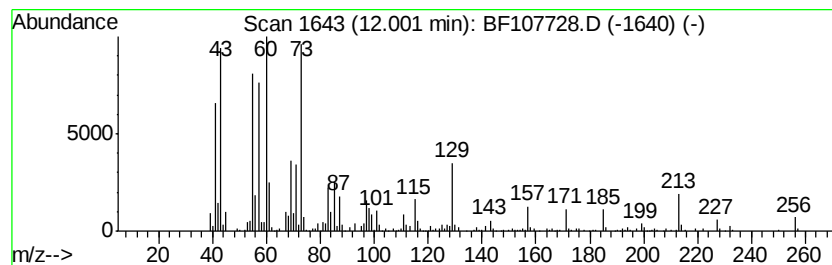
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.37 ng	472832	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107728.D
 Acq On : 27 Jul 2018 5:30
 Operator : JU/SJ
 Sample : J4163-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
unknown6.73	6.73	46.5	ng	3264310	1	6.96	1404720	20.0
Benzene, 1,3-diet...	7.20	8.0	ng	560050	1	6.96	1404720	20.0
unknown7.60	7.60	10.9	ng	765740	1	6.96	1404720	20.0
Benzene, 1,2,3,4-...	7.75	11.4	ng	969892	2	8.24	1696480	20.0
Cyclohexane, pentyl-	7.85	8.6	ng	725088	2	8.24	1696480	20.0
Benzene, 1,3-diet...	7.88	17.2	ng	1461110	2	8.24	1696480	20.0
Benzene, 1,2,4,5-...	7.98	26.9	ng	2285400	2	8.24	1696480	20.0
Benzene, 1,4-diet...	8.05	7.7	ng	650186	2	8.24	1696480	20.0
Benzene, 1-ethyl-...	8.32	7.4	ng	625144	2	8.24	1696480	20.0
Naphthalene, 1,2,...	8.43	8.9	ng	754881	2	8.24	1696480	20.0
Naphthalene, 1,2,...	8.48	9.5	ng	802314	2	8.24	1696480	20.0
unknown8.52	8.52	9.2	ng	782317	2	8.24	1696480	20.0
Dodecane, 2,6,11-...	8.64	9.4	ng	799560	2	8.24	1696480	20.0
Naphthalene, 1,2,...	8.74	9.2	ng	777705	2	8.24	1696480	20.0
Naphthalene, 1,2,...	8.90	9.8	ng	827966	2	8.24	1696480	20.0
Naphthalene, 1-me...	9.05	15.4	ng	1309200	2	8.24	1696480	20.0
Dodecane, 2,6,10-...	9.24	11.3	ng	862029	3	10.00	1524660	20.0
unknown10.31	10.31	12.3	ng	940772	3	10.00	1524660	20.0
n-Hexadecanoic acid	12.00	7.4	ng	472832	4	11.50	1283150	20.0