

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106320.D
 Acq On : 12 Jun 2018 2:41
 Operator : JU/SJ
 Sample : J3413-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-4

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	5.213	484	489	496	rBV	421389	559793	9.98%	0.785%
2	5.596	548	554	557	rBV	4592219	5170036	92.14%	7.249%
3	6.213	655	659	660	rBV	104898	87212	1.55%	0.122%
4	6.231	660	662	666	rVV2	96302	107670	1.92%	0.151%
5	6.460	699	701	704	rVB	115055	97921	1.75%	0.137%
6	6.507	704	709	714	rBV4	96819	173915	3.10%	0.244%
7	6.595	718	724	727	rBV	4278378	5174260	92.21%	7.255%
8	6.742	744	749	752	rVB	4768540	5130648	91.43%	7.194%
9	6.972	784	788	791	rVB	1793136	1495244	26.65%	2.097%
10	7.019	791	796	800	rBV3	49654	82375	1.47%	0.116%
11	7.072	800	805	809	rBV3	65999	100817	1.80%	0.141%
12	7.131	809	815	818	rBV	4179364	4276391	76.21%	5.996%
13	7.237	831	833	835	rVB	160618	121891	2.17%	0.171%
14	7.342	847	851	853	rBV2	90902	95485	1.70%	0.134%
15	7.366	853	855	857	rVV2	127544	103422	1.84%	0.145%
16	7.501	872	878	879	rBV2	350373	356652	6.36%	0.500%
17	7.537	879	884	887	rVV	3300667	3647669	65.01%	5.115%
18	7.607	891	896	900	rVB5	135531	216943	3.87%	0.304%
19	7.660	900	905	908	rBV3	108458	167822	2.99%	0.235%
20	7.737	915	918	921	rVB	208197	171620	3.06%	0.241%
21	7.778	921	925	930	rVB4	144377	182611	3.25%	0.256%
22	7.848	932	937	938	rBV2	90949	116374	2.07%	0.163%
23	7.866	938	940	942	rVB	163775	115252	2.05%	0.162%
24	7.889	942	944	947	rBV3	191928	186356	3.32%	0.261%
25	7.919	947	949	953	rVB3	200930	183498	3.27%	0.257%
26	7.989	958	961	964	rBV	346693	372115	6.63%	0.522%
27	8.066	971	974	977	rBV3	91201	90835	1.62%	0.127%
28	8.119	980	983	986	rBV2	132850	126414	2.25%	0.177%
29	8.195	994	996	1000	rVV4	96120	180081	3.21%	0.253%
30	8.254	1000	1006	1009	rVV	1972404	2040470	36.36%	2.861%
31	8.301	1011	1014	1017	rVB2	678790	599214	10.68%	0.840%
32	8.336	1017	1020	1022	rBV2	173042	185990	3.31%	0.261%
33	8.448	1036	1039	1043	rVB	212399	198125	3.53%	0.278%
34	8.495	1044	1047	1050	rBV3	101022	109185	1.95%	0.153%

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35	8.536	1050	1054	1058	rVB4	359710	417462	7.44%	0.585%
36	8.595	1058	1064	1067	rVB7	71229	119247	2.13%	0.167%
37	8.631	1067	1070	1073	rBV2	197786	231470	4.13%	0.325%
38	8.660	1073	1075	1078	rVV	626745	505000	9.00%	0.708%
39	8.689	1078	1080	1082	rVV2	96431	82291	1.47%	0.115%
40	8.713	1082	1084	1088	rVB2	138564	119806	2.14%	0.168%
41	8.754	1088	1091	1094	rBV	447047	354210	6.31%	0.497%
42	8.836	1103	1105	1109	rBV4	151946	208346	3.71%	0.292%
43	8.878	1109	1112	1114	rBV3	103916	123140	2.19%	0.173%
44	8.966	1124	1127	1130	rVB	954108	736141	13.12%	1.032%
45	8.995	1130	1132	1134	rVB2	129958	92858	1.65%	0.130%
46	9.025	1134	1137	1139	rBV4	118681	129973	2.32%	0.182%
47	9.066	1139	1144	1147	rVV2	718035	742748	13.24%	1.041%
48	9.113	1150	1152	1154	rVV3	79008	80856	1.44%	0.113%
49	9.154	1156	1159	1162	rVB3	238635	273563	4.88%	0.384%
50	9.189	1162	1165	1168	rBV3	131652	145181	2.59%	0.204%
51	9.266	1175	1178	1180	rVB	675216	540321	9.63%	0.758%
52	9.331	1184	1189	1192	rVB	5451505	5611349	100.00%	7.868%
53	9.407	1197	1202	1205	rBV3	396859	446742	7.96%	0.626%
54	9.478	1211	1214	1216	rVB	235241	209534	3.73%	0.294%
55	9.525	1216	1222	1226	rBV2	274005	360613	6.43%	0.506%
56	9.595	1230	1234	1238	rBV	579608	798921	14.24%	1.120%
57	9.636	1238	1241	1243	rBV4	125286	147148	2.62%	0.206%
58	9.666	1243	1246	1248	rVV	762251	807940	14.40%	1.133%
59	9.689	1248	1250	1252	rVV2	544095	495247	8.83%	0.694%
60	9.719	1252	1255	1258	rVV	1938264	1668129	29.73%	2.339%
61	9.748	1258	1260	1263	rVB3	154982	120192	2.14%	0.169%
62	9.783	1263	1266	1268	rBV	394677	369400	6.58%	0.518%
63	9.825	1271	1273	1275	rVB	186436	125690	2.24%	0.176%
64	9.872	1278	1281	1284	rBV2	290101	286747	5.11%	0.402%
65	9.919	1287	1289	1292	rVB2	203592	172864	3.08%	0.242%
66	9.966	1295	1297	1299	rBV3	87516	97062	1.73%	0.136%
67	10.013	1299	1305	1308	rBV	1873526	1744251	31.08%	2.446%
68	10.042	1308	1310	1313	rVB4	108138	90355	1.61%	0.127%
69	10.107	1318	1321	1326	rBV	318123	399627	7.12%	0.560%
70	10.154	1326	1329	1333	rBV4	160449	244828	4.36%	0.343%
71	10.189	1333	1335	1336	rBV	168770	133877	2.39%	0.188%

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72	10.207	1336	1338	1342	rVB2	447272	379041	6.75%	0.531%
73	10.248	1342	1345	1355	rVB2	545912	686184	12.23%	0.962%
74	10.325	1355	1358	1360	rBV	347645	336174	5.99%	0.471%
75	10.354	1360	1363	1365	rBV	230191	187632	3.34%	0.263%
76	10.419	1369	1374	1375	rBV2	284912	421521	7.51%	0.591%
77	10.460	1378	1381	1383	rVB	96483	81832	1.46%	0.115%
78	10.489	1383	1386	1391	rVB4	112404	177775	3.17%	0.249%
79	10.554	1391	1397	1400	rBV5	197478	390480	6.96%	0.548%
80	10.648	1407	1413	1416	rBV2	882949	932249	16.61%	1.307%
81	10.701	1419	1422	1425	rBV3	119132	138198	2.46%	0.194%
82	10.772	1431	1434	1435	rBV2	122396	100043	1.78%	0.140%
83	10.801	1435	1439	1442	rVV	3365227	3214076	57.28%	4.507%
84	10.830	1442	1444	1449	rVB4	114629	145339	2.59%	0.204%
85	10.913	1453	1458	1462	rBV	1479720	1558340	27.77%	2.185%
86	10.995	1470	1472	1474	rVB	137445	105546	1.88%	0.148%
87	11.095	1486	1489	1492	rBV5	135584	157123	2.80%	0.220%
88	11.130	1492	1495	1498	rVB4	174645	197226	3.51%	0.277%
89	11.248	1512	1515	1521	rVB5	144094	213447	3.80%	0.299%
90	11.377	1534	1537	1544	rVB	723270	828301	14.76%	1.161%
91	11.501	1554	1558	1560	rBV	1891393	1619487	28.86%	2.271%
92	11.525	1560	1562	1565	rVB	156232	131336	2.34%	0.184%
93	11.730	1594	1597	1603	rVB3	219442	225456	4.02%	0.316%
94	12.007	1640	1644	1646	rBV2	296707	354233	6.31%	0.497%
95	12.548	1733	1736	1739	rVB2	109571	107646	1.92%	0.151%
96	13.083	1823	1827	1831	rVB	4503244	4631305	82.53%	6.494%
97	13.966	1973	1977	1986	rVB	232829	232461	4.14%	0.326%
98	14.142	2003	2007	2011	rBV	1551557	1360307	24.24%	1.907%
99	15.007	2150	2154	2159	rVB	82752	88922	1.58%	0.125%
100	15.671	2262	2267	2274	rBV	825862	1058753	18.87%	1.485%

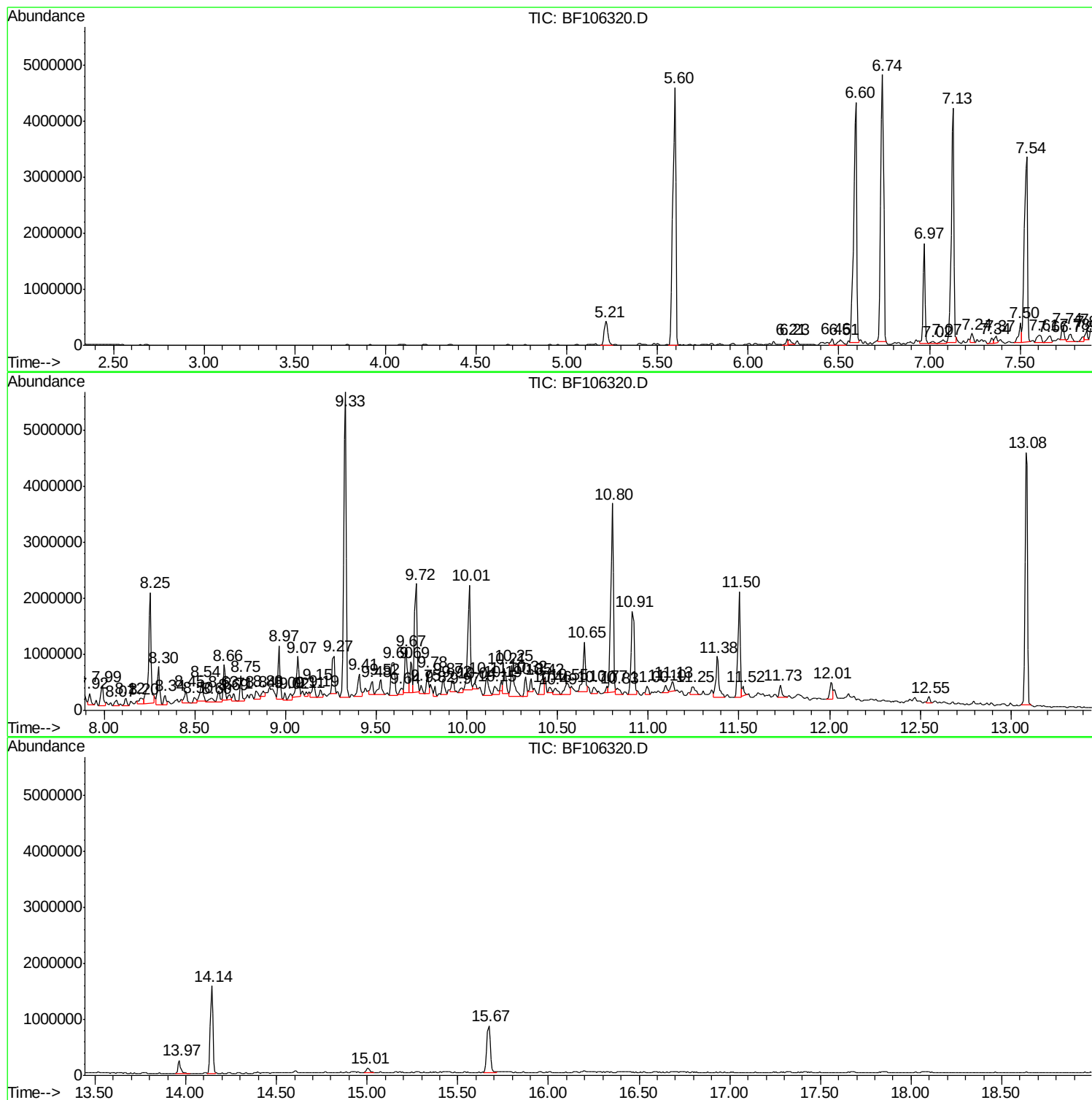
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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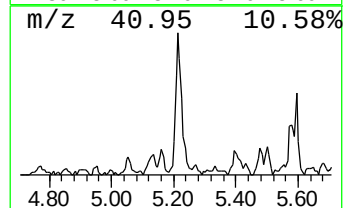
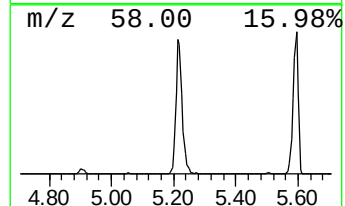
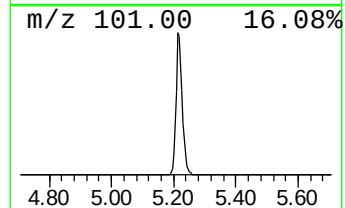
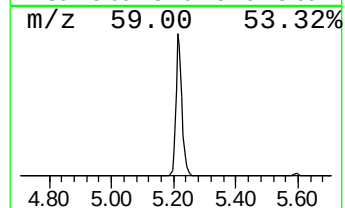
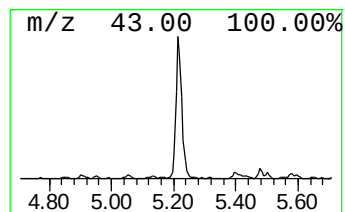
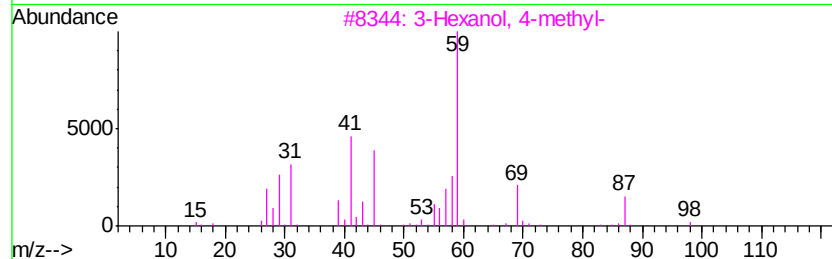
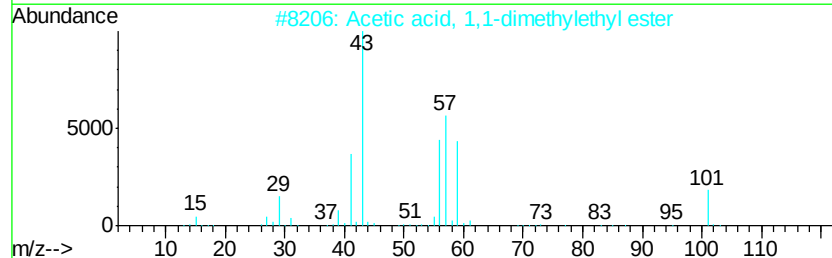
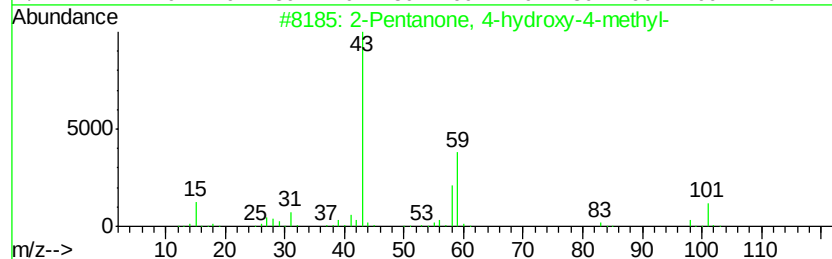
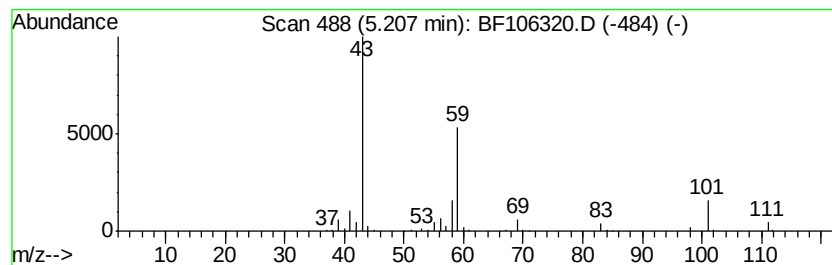
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	7.49 ng	559793	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
5		Acetic acid, cyano-, methyl ester	99	C4H5NO2	000105-34-0	9



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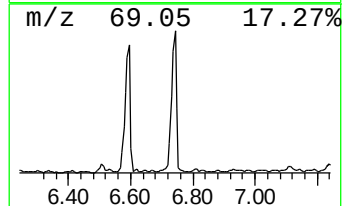
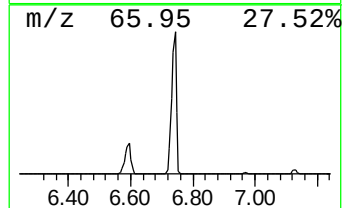
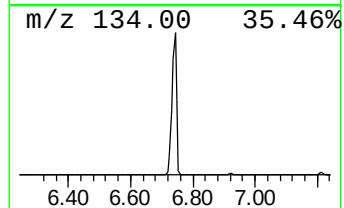
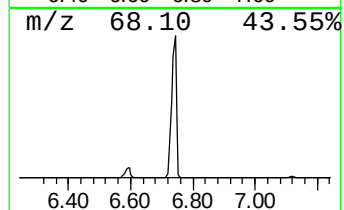
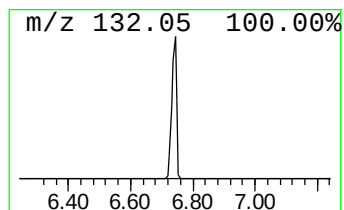
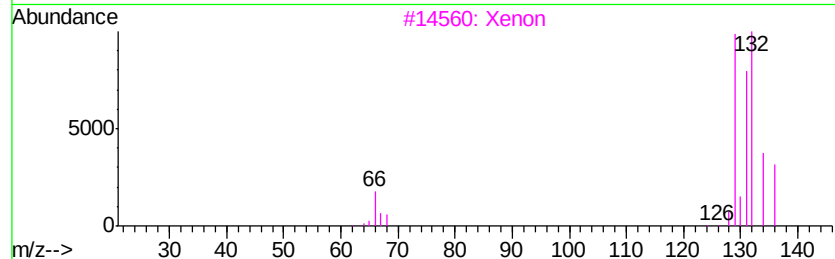
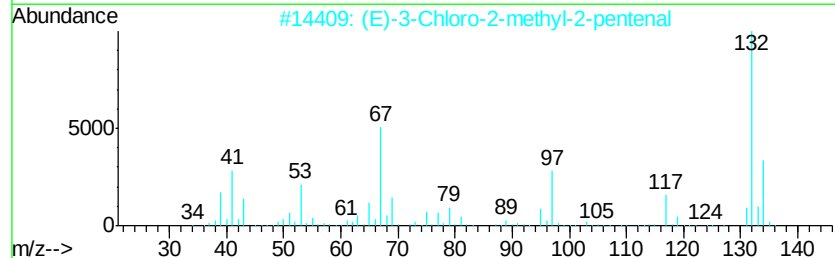
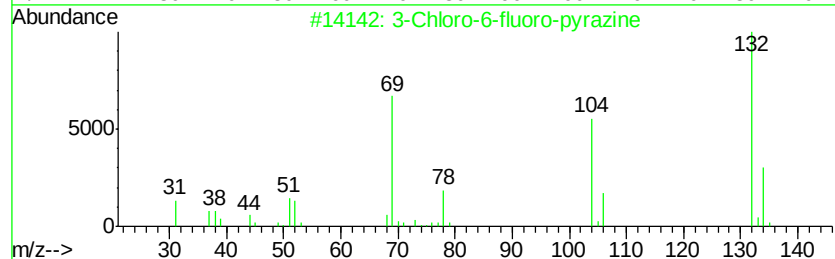
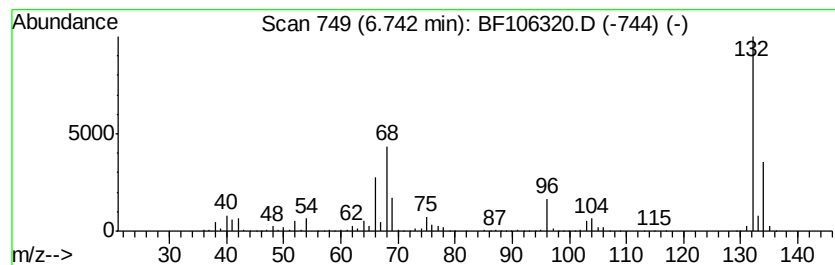
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	68.63 ng	5130650	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Xenon	132	Xe	007440-63-3	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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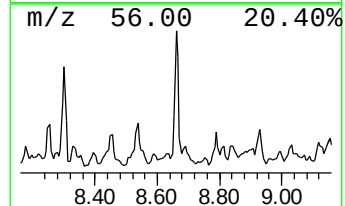
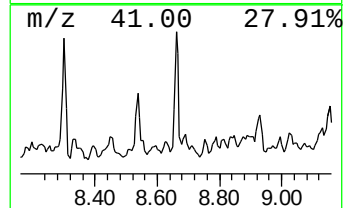
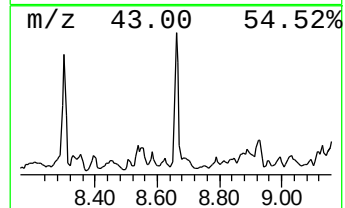
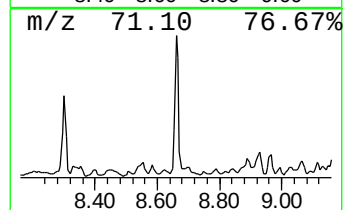
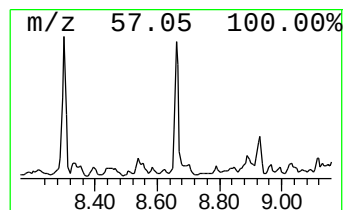
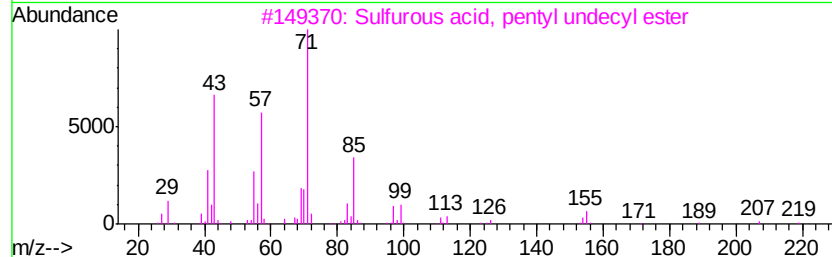
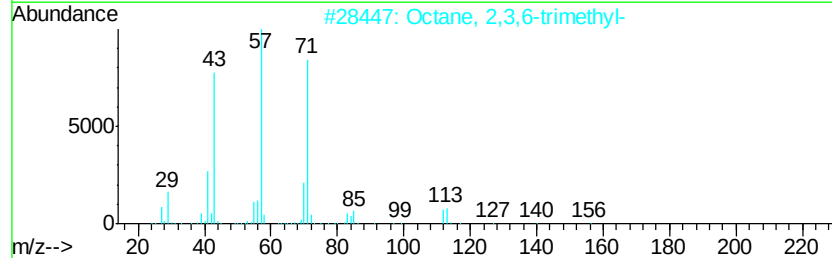
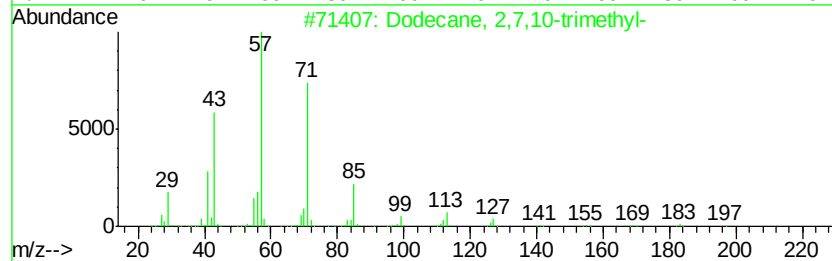
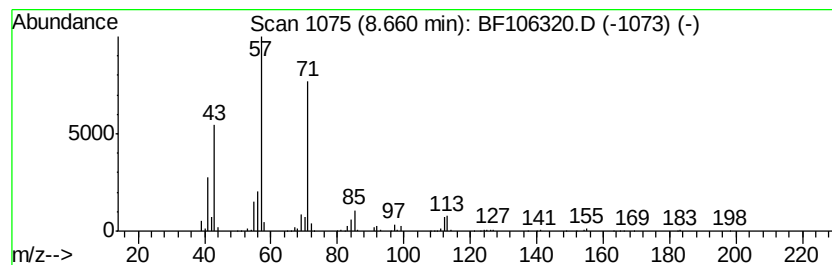
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.66	4.95 ng	505000	Naphthalene-d8	8.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72	
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72	
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	72	
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64	
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
Acq On : 12 Jun 2018 2:41
Operator : JU/SJ
Sample : J3413-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-4

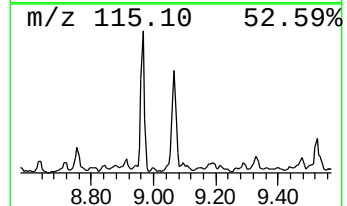
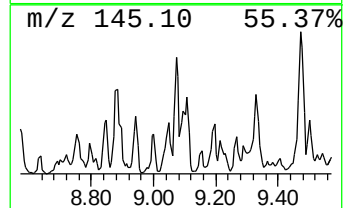
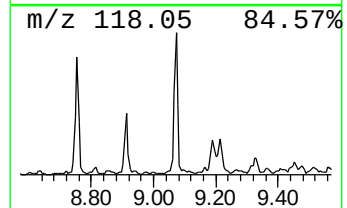
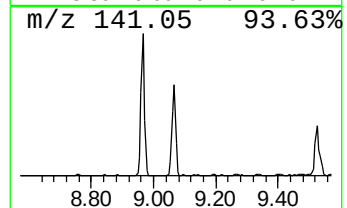
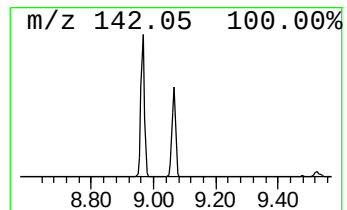
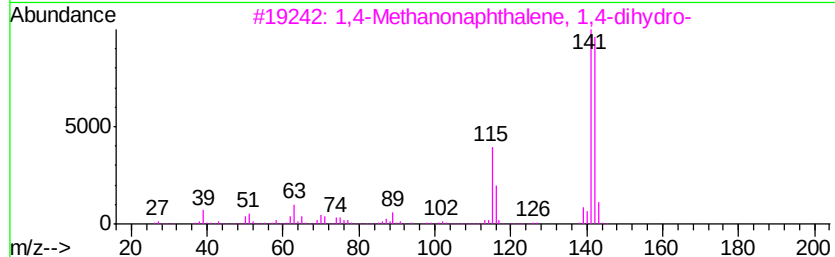
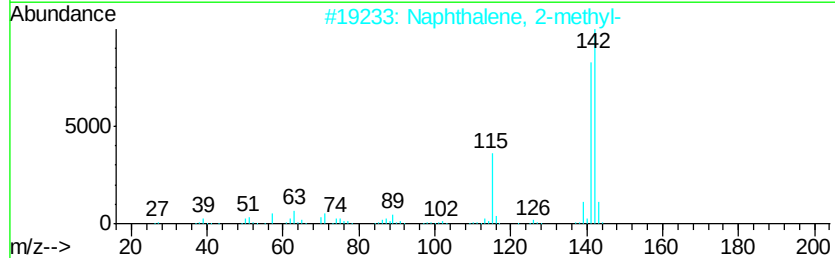
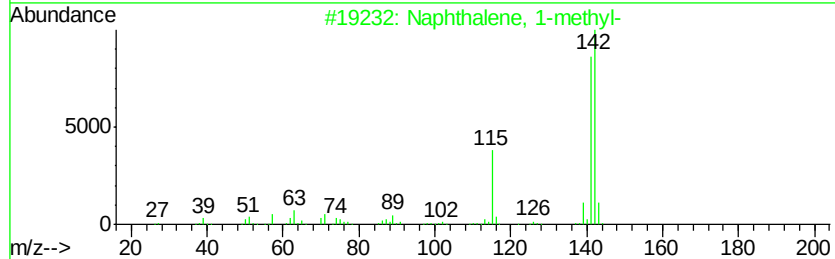
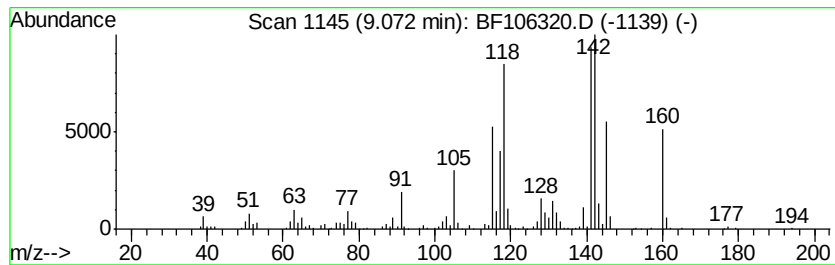
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	7.28 ng	742748	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		1-Ethanone, 1-[4-(1-naphthalenyl...]	276	C19H16O2	1000338-30-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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Sample : J3413-01
Misc :
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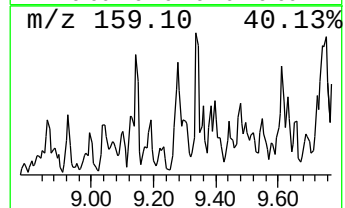
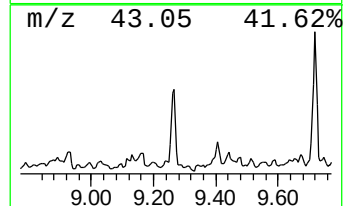
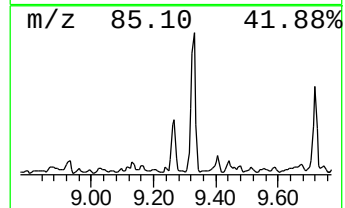
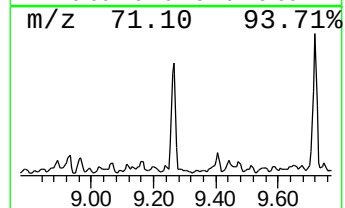
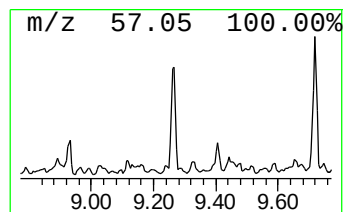
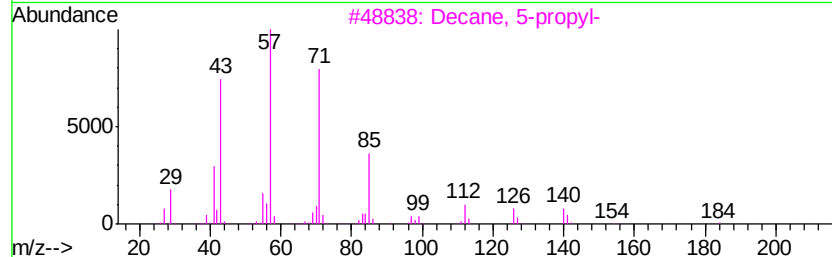
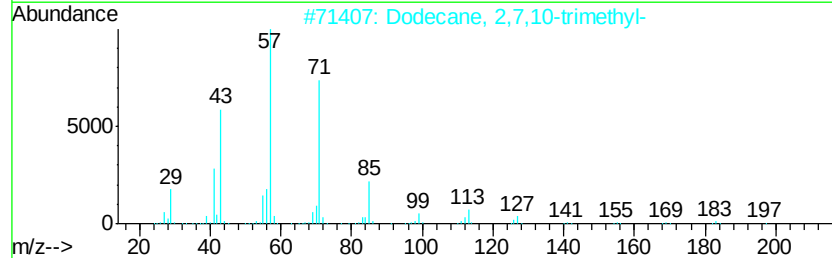
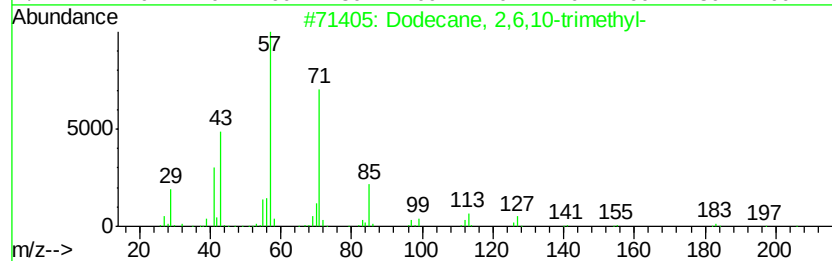
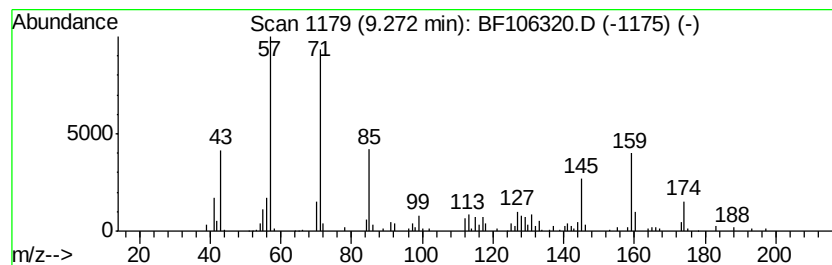
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	6.20 ng	540321	Acenaphthene-d10	10.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	86
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	80
3	Decane, 5-propyl-	184 C13H28	017312-62-8	72
4	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	72
5	Bacchotricuneatin c	342 C20H22O5	066563-30-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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Sample : J3413-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

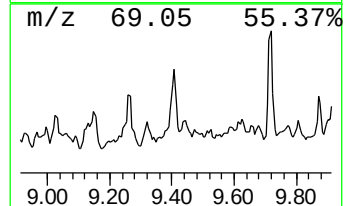
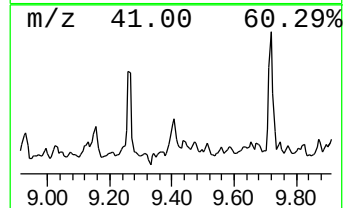
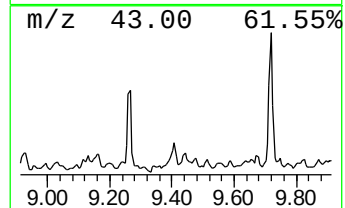
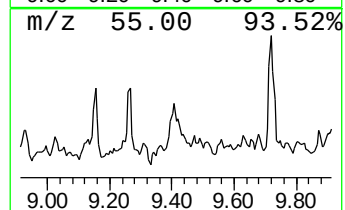
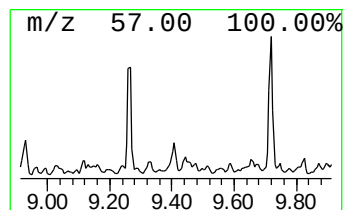
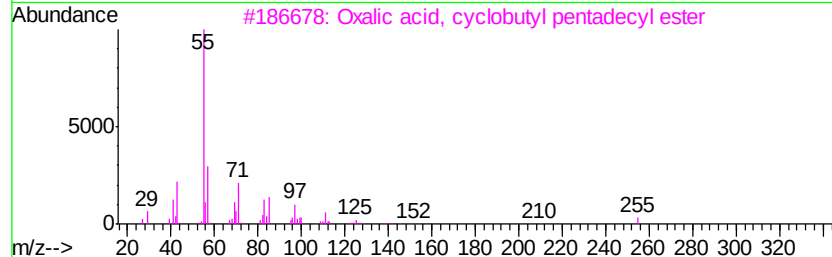
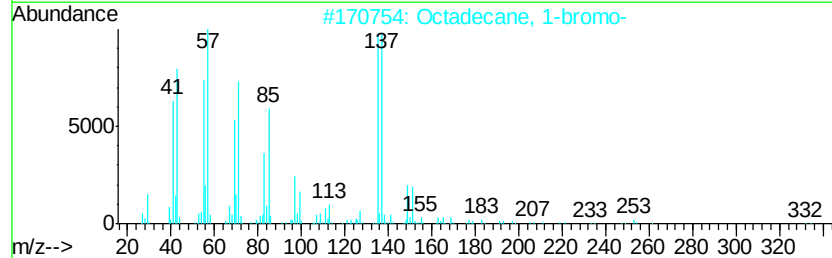
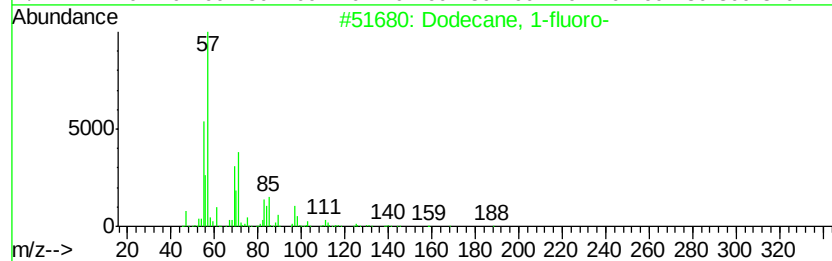
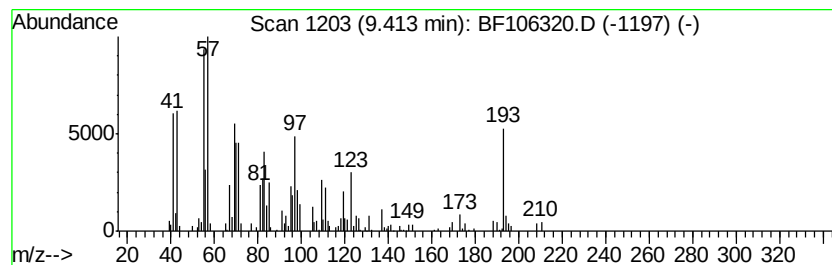
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.41 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.41	5.12 ng	446742	Acenaphthene-d10	10.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	42
2	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	30
3	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	27
4	8-Hydroxy-2,2,8-trimethyldeca-5,...	210	C13H22O2	083040-92-0	25
5	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
Acq On : 12 Jun 2018 2:41
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Sample : J3413-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampled :
D-4

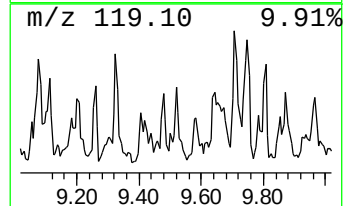
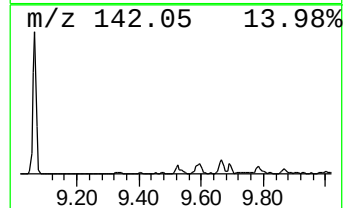
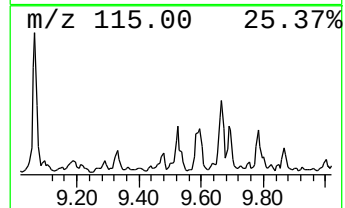
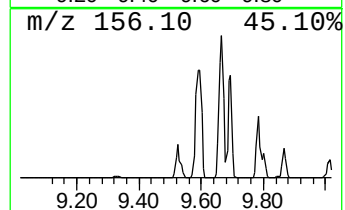
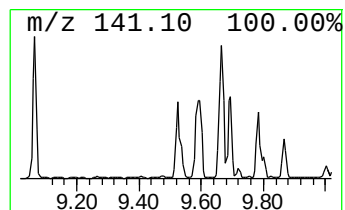
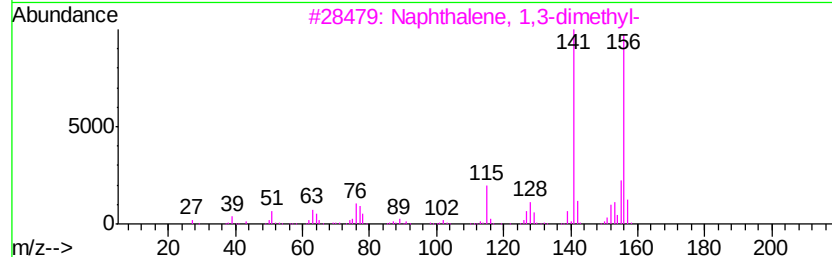
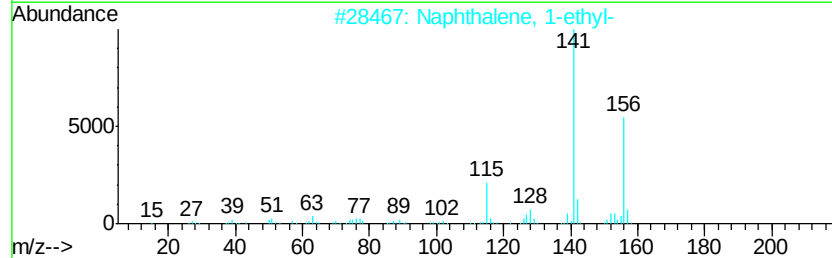
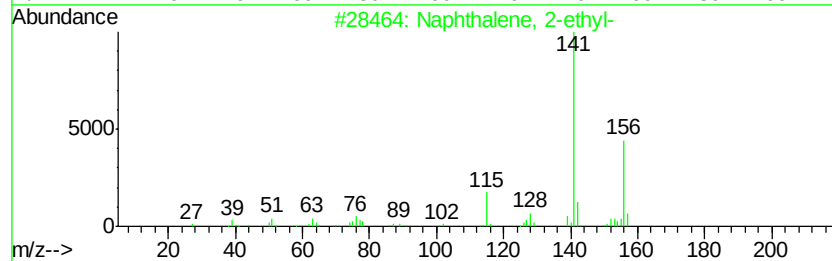
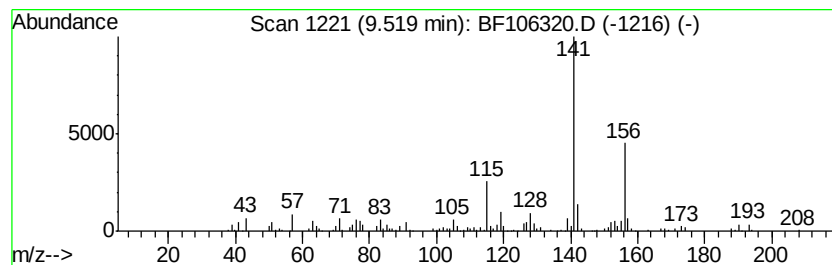
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	4.13 ng	360613	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
5		Butethal	212	C10H16N2O3	000077-28-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
Acq On : 12 Jun 2018 2:41
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Sample : J3413-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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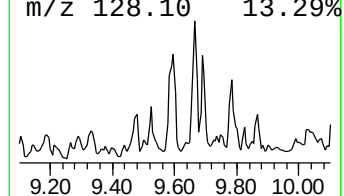
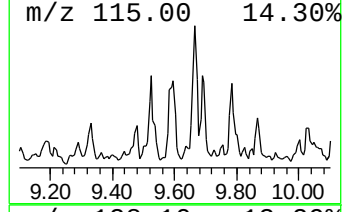
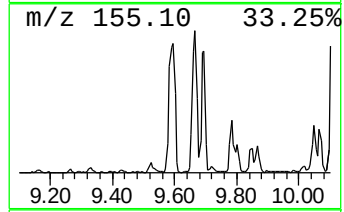
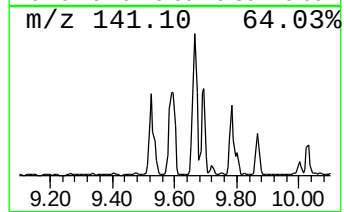
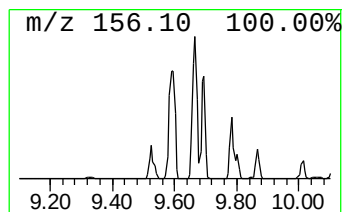
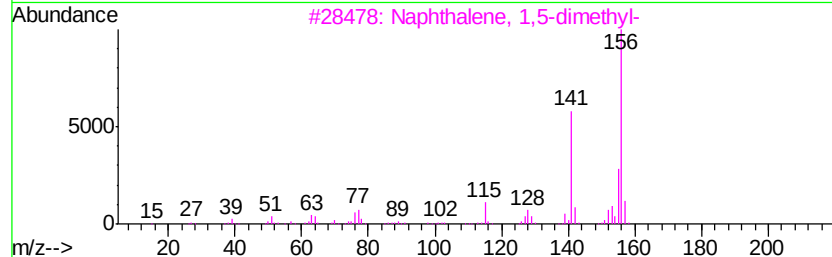
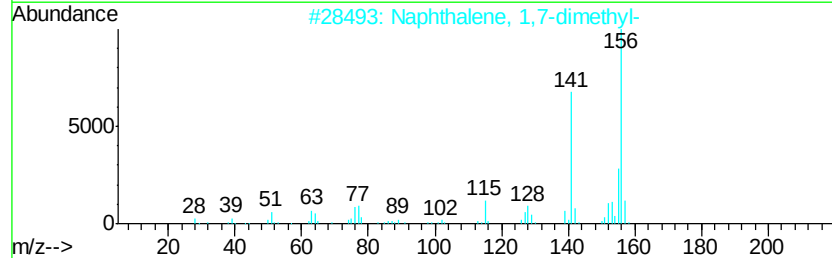
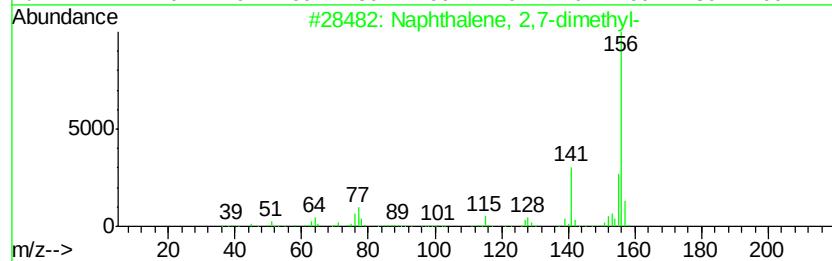
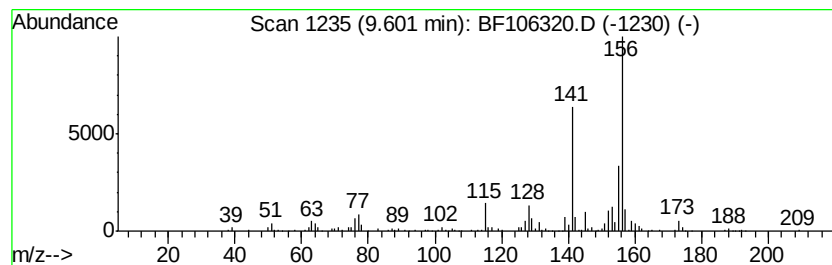
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	9.16 ng	798921	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
Acq On : 12 Jun 2018 2:41
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ClientSampleId :
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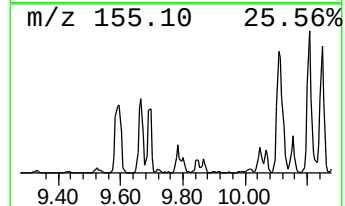
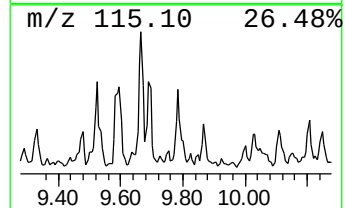
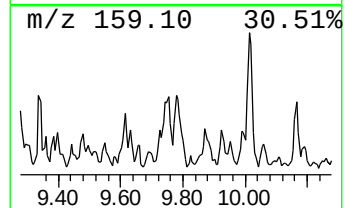
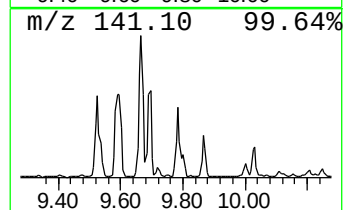
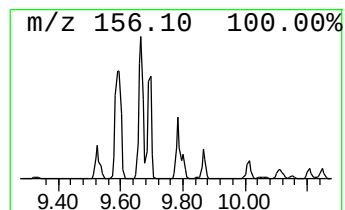
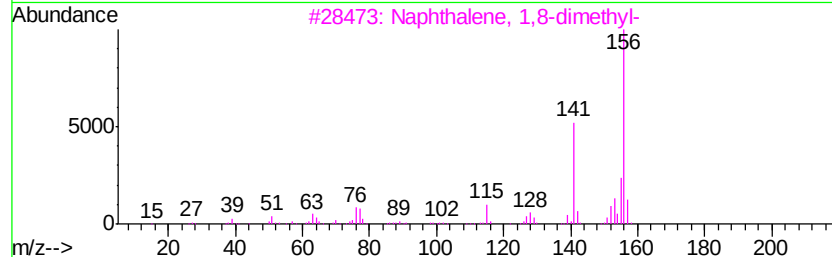
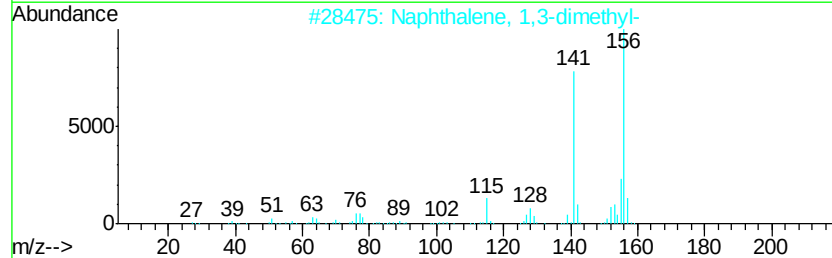
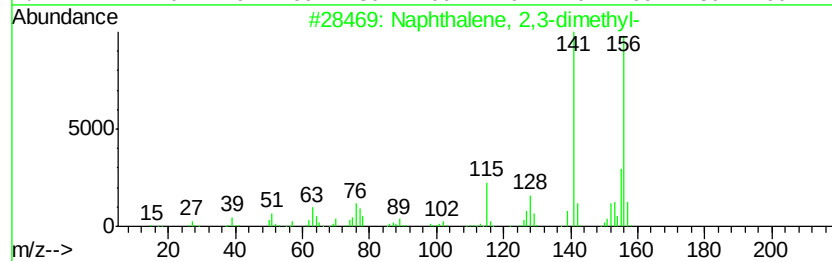
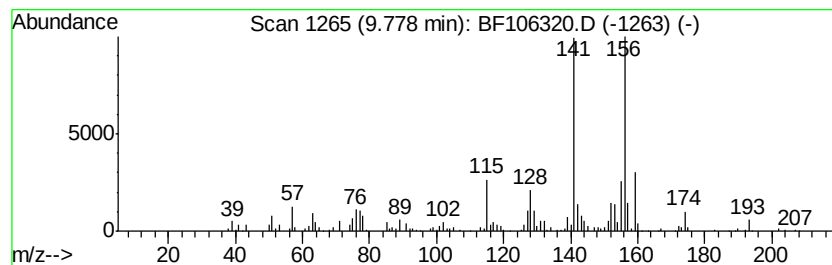
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	4.24 ng	369400	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
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ALS Vial : 27 Sample Multiplier: 1

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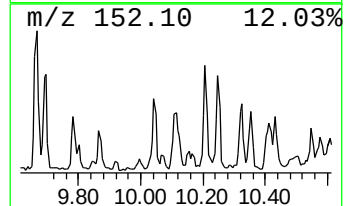
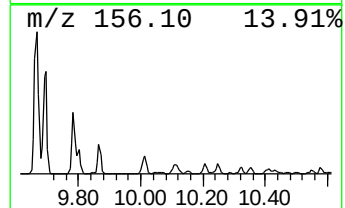
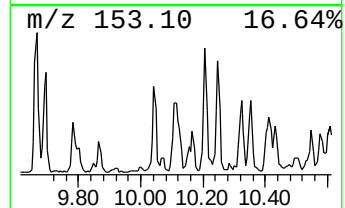
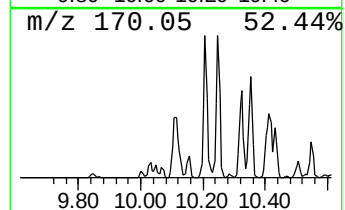
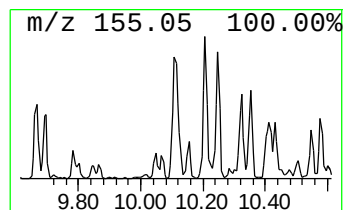
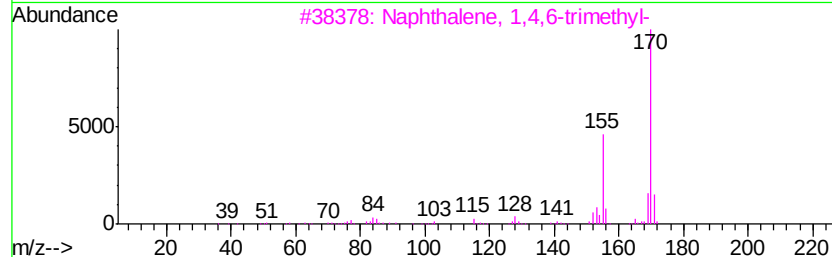
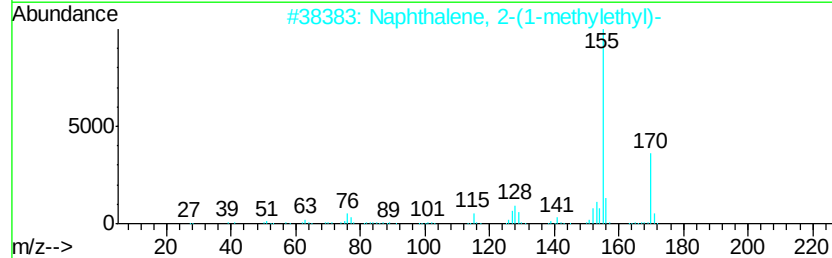
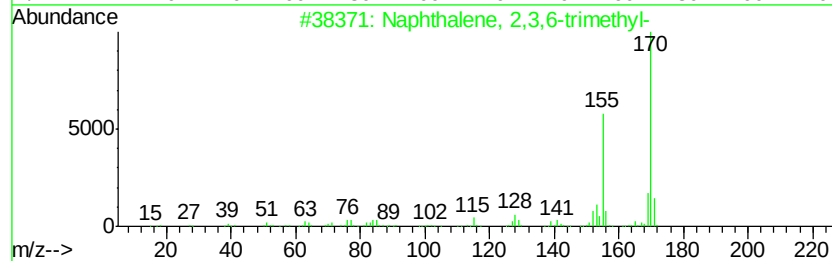
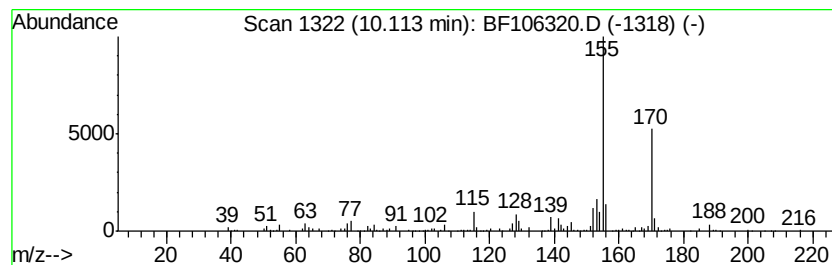
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	4.58 ng	399627	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4			4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	86
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
Acq On : 12 Jun 2018 2:41
Operator : JU/SJ
Sample : J3413-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-4

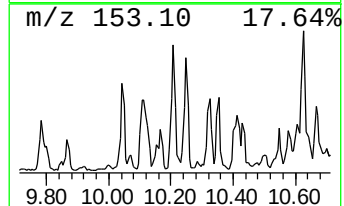
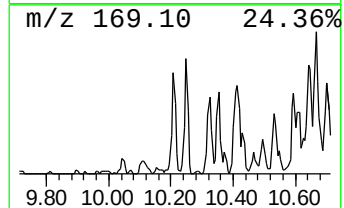
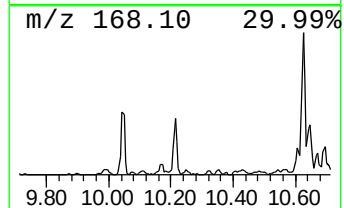
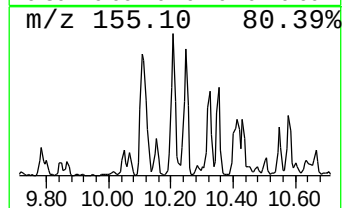
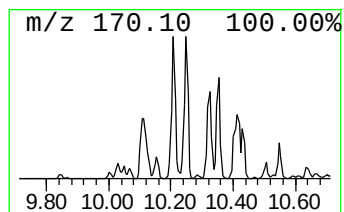
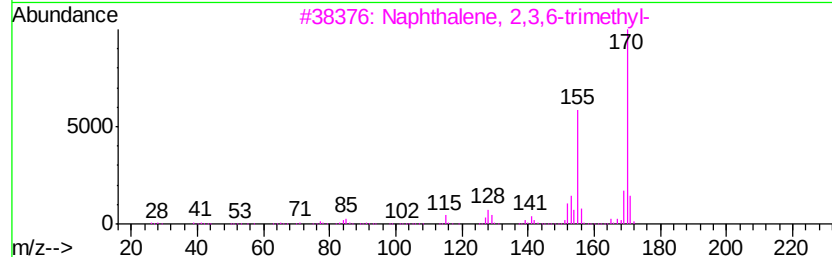
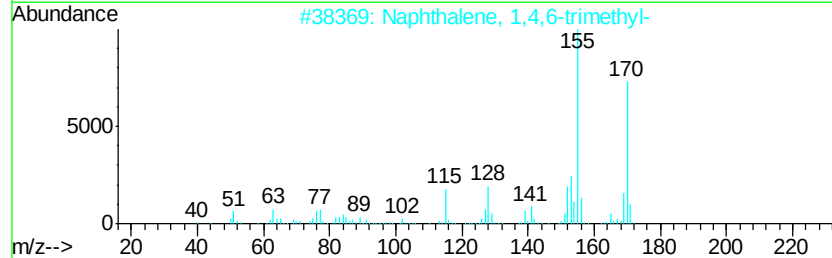
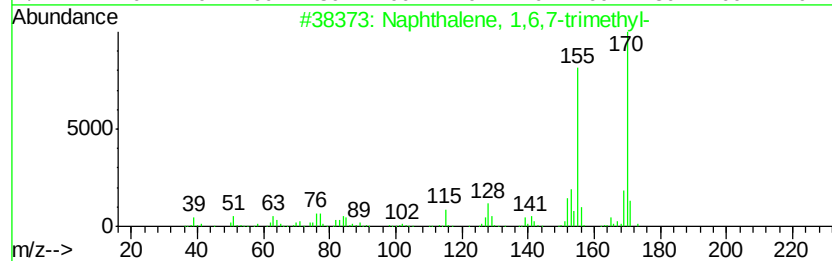
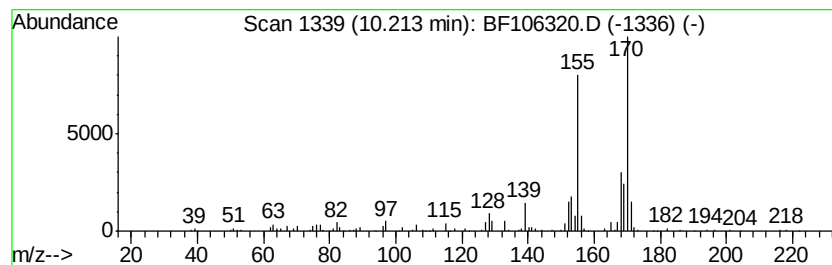
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	4.35 ng	379041	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
Acq On : 12 Jun 2018 2:41
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Sample : J3413-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D-4

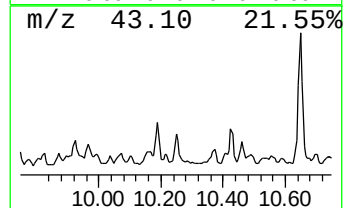
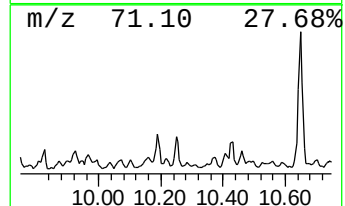
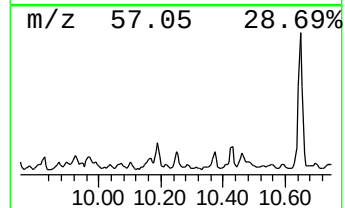
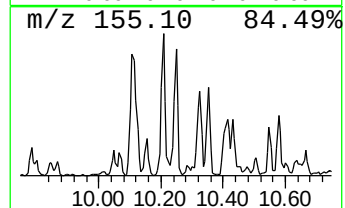
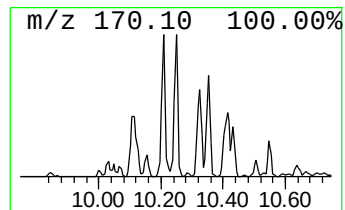
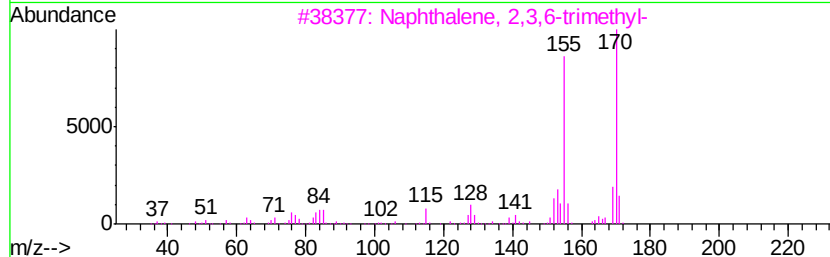
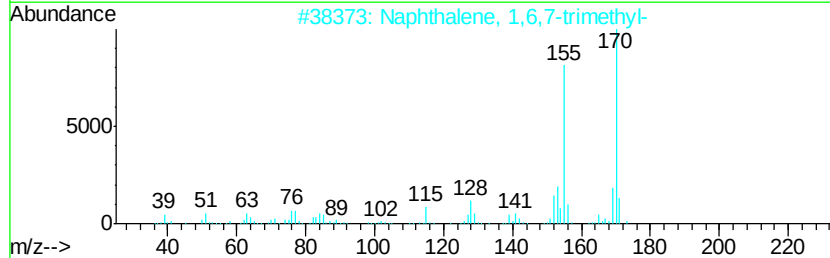
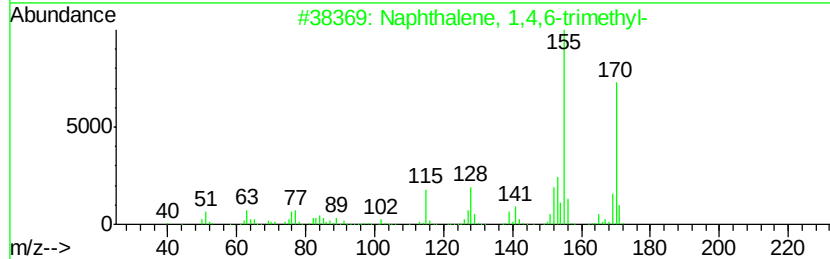
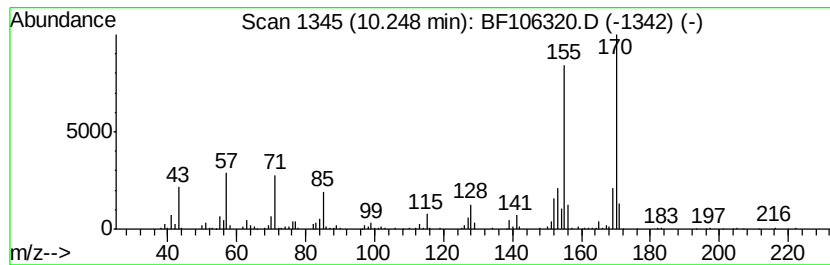
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	7.87 ng	686184	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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Sample : J3413-01
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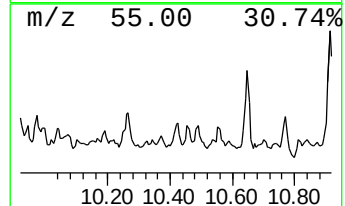
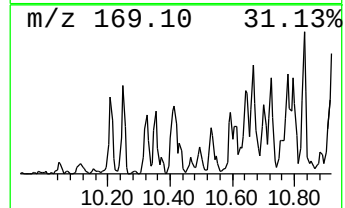
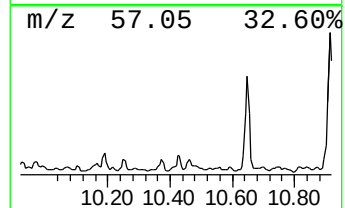
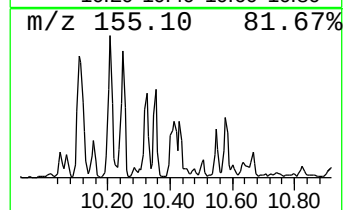
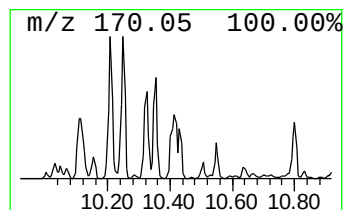
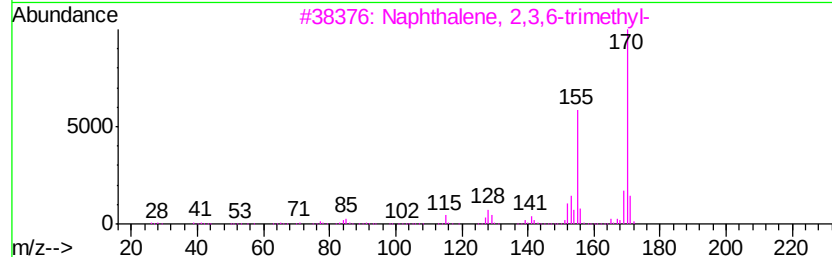
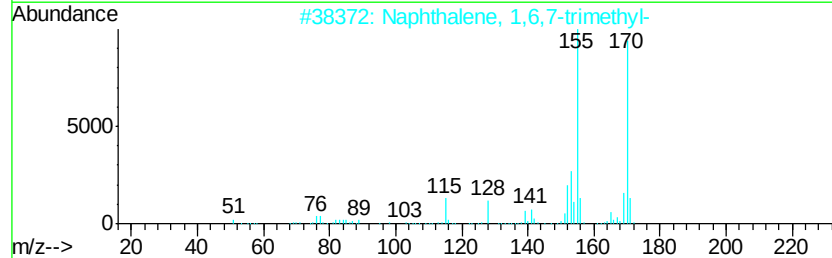
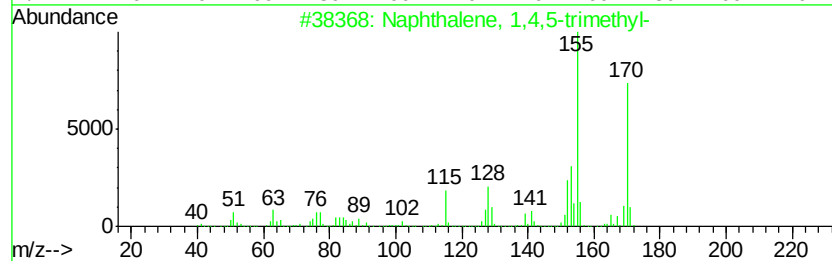
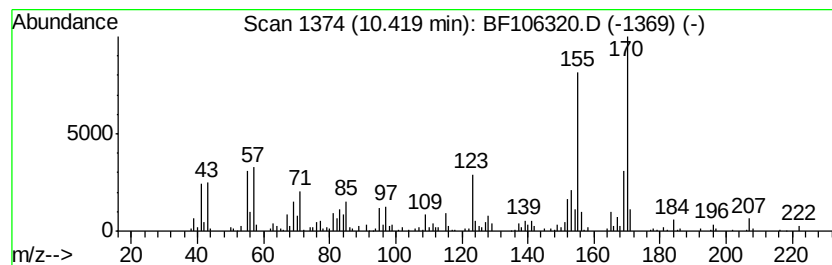
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.42	4.83 ng	421521	Acenaphthene-d10		10.01	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2	Naphthalene,	1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene,	2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene,	1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
Acq On : 12 Jun 2018 2:41
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Sample : J3413-01
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Instrument :
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ClientSampleId :
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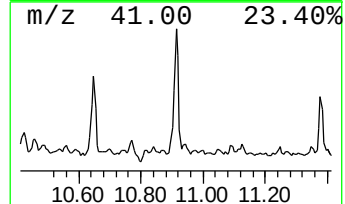
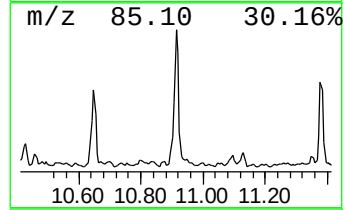
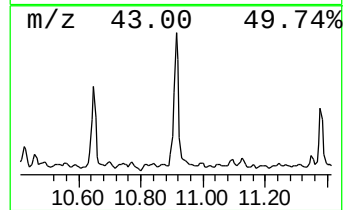
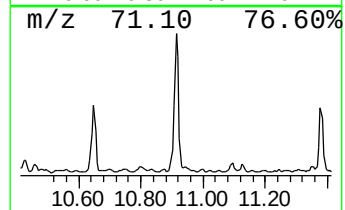
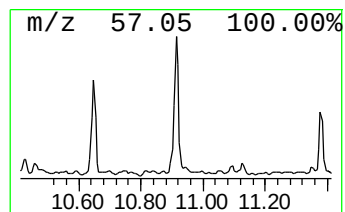
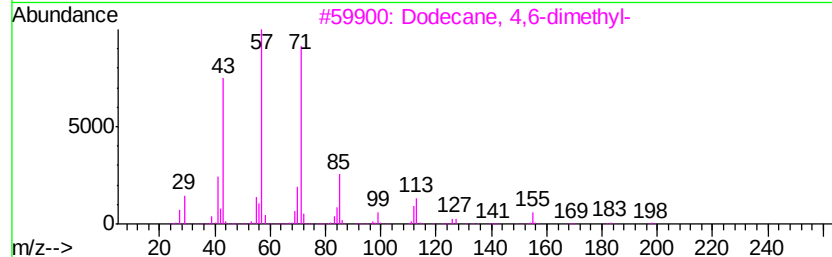
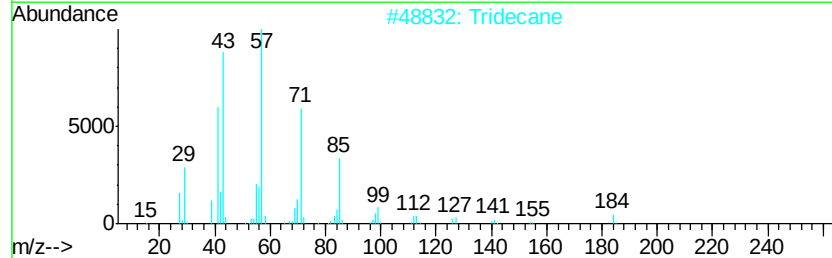
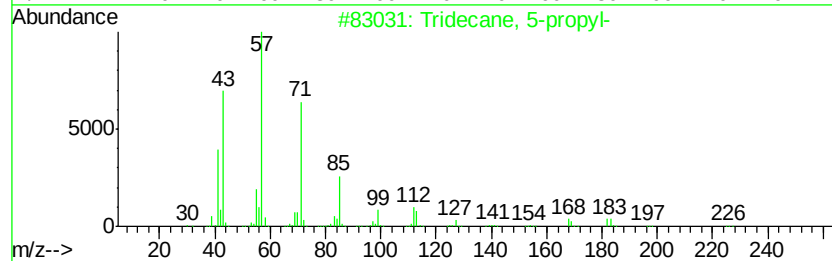
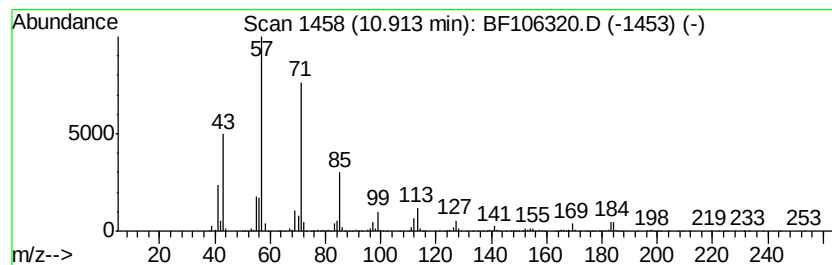
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	19.24 ng	1558340	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Tridecane	184	C13H28	000629-50-5	86
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
Acq On : 12 Jun 2018 2:41
Operator : JU/SJ
Sample : J3413-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-4

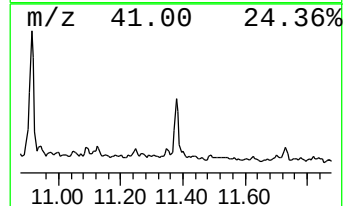
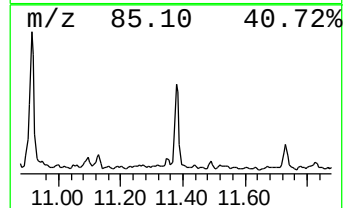
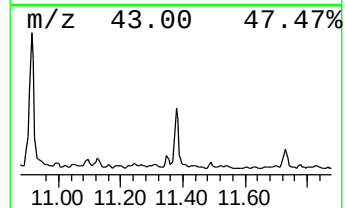
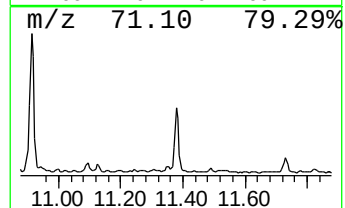
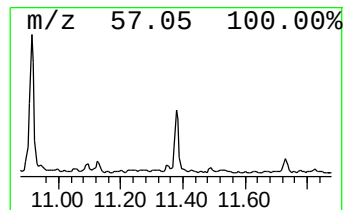
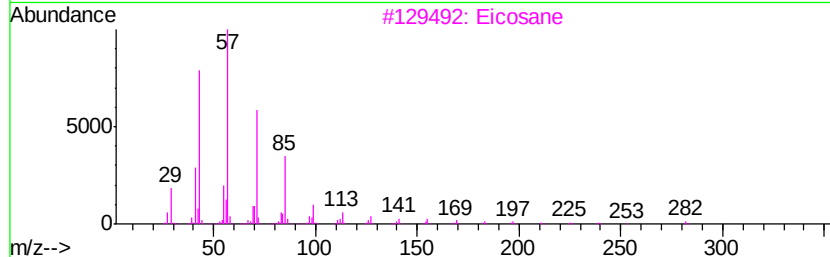
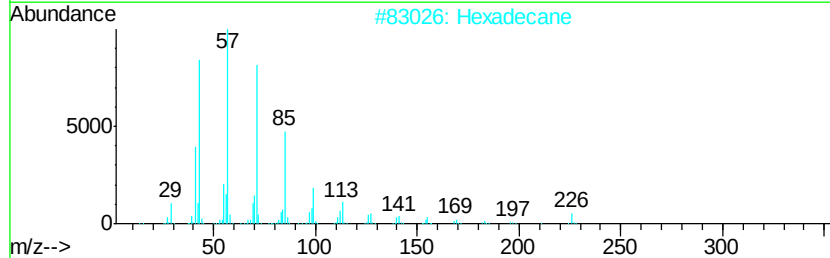
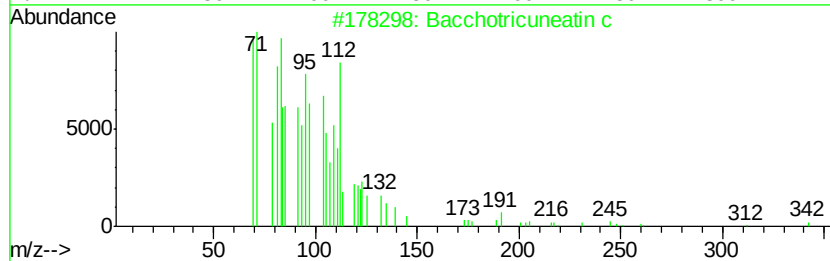
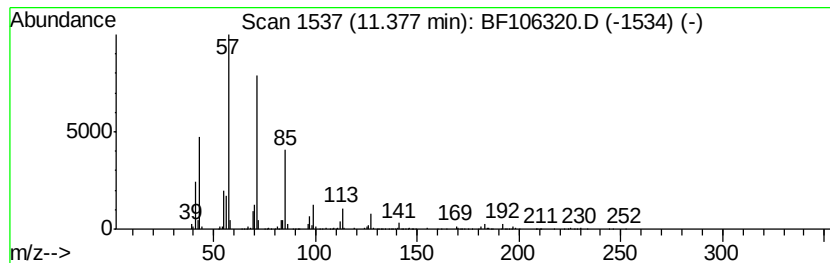
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	10.23 ng	828301	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	94
2		Hexadecane	226	C16H34	000544-76-3	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106320.D
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ClientSampleId :
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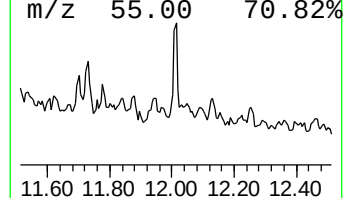
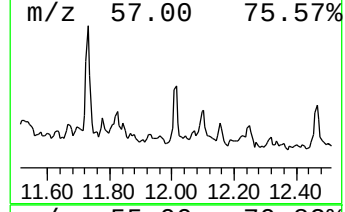
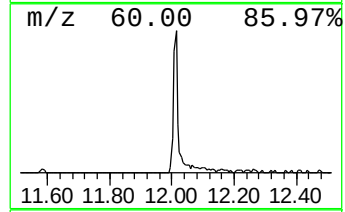
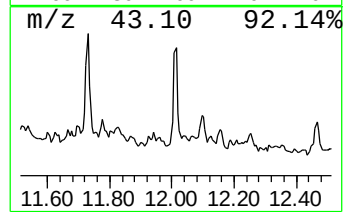
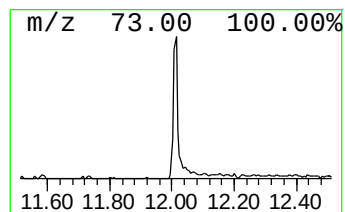
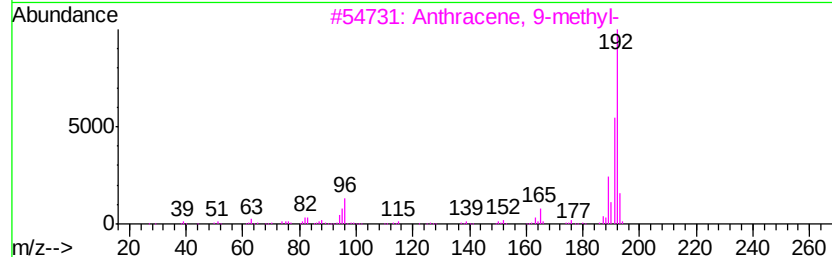
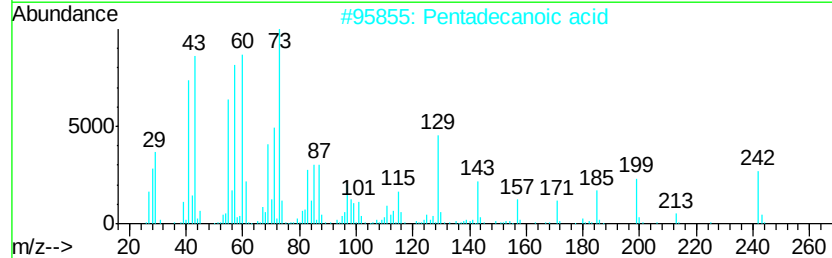
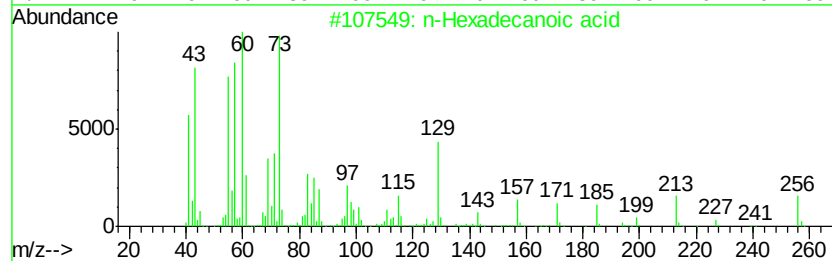
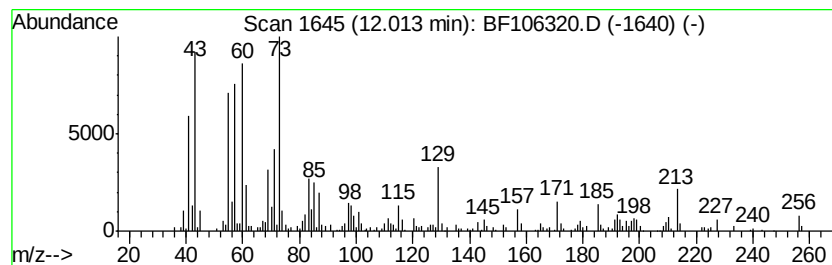
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.37 ng	354233	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	47
4			Tridecanoic acid	214	C13H26O2	000638-53-9	45
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106320.D
 Acq On : 12 Jun 2018 2:41
 Operator : JU/SJ
 Sample : J3413-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.74	6.74	68.6	ng	5130650	1	6.97	1495240	20.0
Dodecane, 2,7,10-...	8.66	5.0	ng	505000	2	8.25	2040470	20.0
Naphthalene, 1-me...	9.07	7.3	ng	742748	2	8.25	2040470	20.0
Dodecane, 2,6,10-...	9.27	6.2	ng	540321	3	10.01	1744250	20.0
unknown9.41	9.41	5.1	ng	446742	3	10.01	1744250	20.0
Naphthalene, 2-et...	9.52	4.1	ng	360613	3	10.01	1744250	20.0
Naphthalene, 2,7-...	9.60	9.2	ng	798921	3	10.01	1744250	20.0
Naphthalene, 2,3-...	9.78	4.2	ng	369400	3	10.01	1744250	20.0
Naphthalene, 2,3,...	10.11	4.6	ng	399627	3	10.01	1744250	20.0
Naphthalene, 1,6,...	10.21	4.3	ng	379041	3	10.01	1744250	20.0
Naphthalene, 1,4,...	10.25	7.9	ng	686184	3	10.01	1744250	20.0
Naphthalene, 1,4,...	10.42	4.8	ng	421521	3	10.01	1744250	20.0
Tridecane, 5-propyl-	10.91	19.2	ng	1558340	4	11.50	1619490	20.0
Bacchotricuneatin c	11.38	10.2	ng	828301	4	11.50	1619490	20.0
n-Hexadecanoic acid	12.01	4.4	ng	354233	4	11.50	1619490	20.0