

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107426.D
 Acq On : 17 Jul 2018 2:05
 Operator : JU/SJ
 Sample : J3975-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-6

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-BF071618.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	485	489	494	rVB	314666	351146	11.74%	0.712%
2	5.607	549	556	559	rBV	2987467	2941224	98.30%	5.960%
3	5.837	592	595	599	rBV	72110	68680	2.30%	0.139%
4	5.925	606	610	614	rVB	78087	79779	2.67%	0.162%
5	6.607	719	726	732	rVB	2711355	2992106	100.00%	6.063%
6	6.754	746	751	754	rVB	2968471	2890656	96.61%	5.858%
7	6.807	757	760	764	rBV	133629	130472	4.36%	0.264%
8	6.984	786	790	795	rVB	1281598	1027604	34.34%	2.082%
9	7.031	795	798	804	rBV7	39732	62406	2.09%	0.126%
10	7.136	811	816	820	rBV	2317066	2022958	67.61%	4.099%
11	7.248	832	835	838	rVB4	67041	59518	1.99%	0.121%
12	7.372	849	856	859	rBV5	90629	125325	4.19%	0.254%
13	7.466	866	872	875	rBV5	51316	88765	2.97%	0.180%
14	7.513	875	880	881	rBV4	77797	82403	2.75%	0.167%
15	7.542	881	885	888	rVV	2024416	1764996	58.99%	3.577%
16	7.625	894	899	902	rBV6	67501	90241	3.02%	0.183%
17	7.672	902	907	911	rBV7	41879	64265	2.15%	0.130%
18	7.748	917	920	922	rVB3	87085	61262	2.05%	0.124%
19	7.789	925	927	931	rVB3	92315	89247	2.98%	0.181%
20	7.907	944	947	955	rBV9	101780	178609	5.97%	0.362%
21	8.001	960	963	965	rBV	111957	117192	3.92%	0.237%
22	8.078	972	976	978	rBV4	55511	62768	2.10%	0.127%
23	8.131	982	985	987	rVB	102576	93678	3.13%	0.190%
24	8.166	987	991	992	rBV4	68675	76334	2.55%	0.155%
25	8.207	996	998	1000	rVV2	77860	77965	2.61%	0.158%
26	8.236	1000	1003	1004	rVV2	126914	130617	4.37%	0.265%
27	8.266	1004	1008	1010	rVV	1415547	1283091	42.88%	2.600%
28	8.283	1010	1011	1014	rVV	293615	234402	7.83%	0.475%
29	8.313	1014	1016	1019	rVB	263860	221426	7.40%	0.449%
30	8.348	1019	1022	1025	rBV3	163006	177231	5.92%	0.359%
31	8.519	1047	1051	1053	rBV5	75784	122409	4.09%	0.248%
32	8.548	1053	1056	1060	rVB6	207972	240237	8.03%	0.487%
33	8.648	1069	1073	1075	rVB2	122866	115799	3.87%	0.235%
34	8.672	1075	1077	1080	rBV	301398	225900	7.55%	0.458%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.730	1085	1087	1090	rVB2	131166	118471	3.96%	0.240%
36	8.766	1090	1093	1095	rBV4	120043	119393	3.99%	0.242%
37	8.819	1100	1102	1105	rVV4	70121	75854	2.54%	0.154%
38	8.848	1105	1107	1111	rVV3	122263	153998	5.15%	0.312%
39	8.878	1111	1112	1116	rVV4	78758	88558	2.96%	0.179%
40	8.913	1116	1118	1120	rVV3	70718	72216	2.41%	0.146%
41	8.936	1120	1122	1126	rVB3	116850	136382	4.56%	0.276%
42	8.978	1126	1129	1132	rVB	291826	223891	7.48%	0.454%
43	9.007	1132	1134	1136	rBV3	73290	64932	2.17%	0.132%
44	9.036	1136	1139	1142	rBV5	60455	66115	2.21%	0.134%
45	9.078	1142	1146	1149	rVB	231573	207962	6.95%	0.421%
46	9.166	1158	1161	1164	rVB3	140601	161416	5.39%	0.327%
47	9.207	1164	1168	1170	rBV5	63540	72567	2.43%	0.147%
48	9.272	1175	1179	1182	rVV2	401673	428187	14.31%	0.868%
49	9.336	1186	1190	1194	rVB	2388942	2184963	73.02%	4.428%
50	9.413	1200	1203	1206	rBV3	210694	258526	8.64%	0.524%
51	9.448	1206	1209	1211	rVB4	123702	130936	4.38%	0.265%
52	9.536	1221	1224	1229	rVB4	109264	105936	3.54%	0.215%
53	9.601	1232	1235	1239	rBV3	256832	356678	11.92%	0.723%
54	9.648	1241	1243	1245	rVV2	88631	66648	2.23%	0.135%
55	9.677	1245	1248	1251	rVV	327062	368764	12.32%	0.747%
56	9.707	1251	1253	1254	rVV2	260252	195156	6.52%	0.395%
57	9.730	1254	1257	1260	rVV	1275501	1010460	33.77%	2.048%
58	9.795	1265	1268	1270	rVV3	180075	155358	5.19%	0.315%
59	9.813	1270	1271	1273	rVV2	105193	78505	2.62%	0.159%
60	9.836	1273	1275	1277	rVB3	131466	92305	3.08%	0.187%
61	9.883	1280	1283	1286	rVB4	186485	177210	5.92%	0.359%
62	9.936	1286	1292	1295	rBV6	242053	306602	10.25%	0.621%
63	10.025	1304	1307	1310	rVB2	1196656	1012710	33.85%	2.052%
64	10.060	1310	1313	1316	rVB	369955	331463	11.08%	0.672%
65	10.130	1321	1325	1328	rBV5	161404	231290	7.73%	0.469%
66	10.166	1329	1331	1335	rBV5	78388	117511	3.93%	0.238%
67	10.201	1335	1337	1339	rBV3	139081	129701	4.33%	0.263%
68	10.225	1339	1341	1345	rVB2	309863	267124	8.93%	0.541%
69	10.266	1345	1348	1352	rBV2	293914	291538	9.74%	0.591%
70	10.342	1357	1361	1363	rBV	248041	268069	8.96%	0.543%
71	10.366	1363	1365	1367	rBV2	180549	155209	5.19%	0.315%

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72	10.430	1372	1376	1381	rBV6	295063	445397	14.89%	0.903%
73	10.472	1381	1383	1386	rBV4	79312	103097	3.45%	0.209%
74	10.572	1396	1400	1402	rBV2	341123	354680	11.85%	0.719%
75	10.660	1412	1415	1418	rVV	781708	703078	23.50%	1.425%
76	10.730	1422	1427	1431	rBV7	143454	277338	9.27%	0.562%
77	10.813	1438	1441	1445	rBV	1660584	1540015	51.47%	3.121%
78	10.930	1457	1461	1464	rBV	1943853	1769328	59.13%	3.585%
79	11.013	1472	1475	1477	rVB3	169102	110481	3.69%	0.224%
80	11.395	1537	1540	1546	rVB2	1423313	1525027	50.97%	3.090%
81	11.519	1557	1561	1563	rBV2	1242771	1176757	39.33%	2.385%
82	11.542	1563	1565	1568	rVV	1529619	1389262	46.43%	2.815%
83	11.595	1571	1574	1576	rVV	309409	236488	7.90%	0.479%
84	11.748	1597	1600	1606	rBV2	659780	711442	23.78%	1.442%
85	11.795	1606	1608	1610	rVB3	159029	109566	3.66%	0.222%
86	11.848	1615	1617	1621	rVB2	265911	243376	8.13%	0.493%
87	12.024	1644	1647	1649	rBV	345923	441106	14.74%	0.894%
88	12.048	1649	1651	1655	rVB	520321	455626	15.23%	0.923%
89	12.130	1663	1665	1668	rVB3	392567	388549	12.99%	0.787%
90	12.577	1738	1741	1744	rBV	543239	560671	18.74%	1.136%
91	12.636	1749	1751	1753	rVB2	296728	183131	6.12%	0.371%
92	12.695	1759	1761	1765	rVB4	384209	410408	13.72%	0.832%
93	12.748	1766	1770	1773	rBV	1733629	1622387	54.22%	3.288%
94	12.971	1805	1808	1814	rVB	1446341	1505765	50.32%	3.051%
95	13.024	1814	1817	1820	rVB2	381485	436831	14.60%	0.885%
96	13.083	1824	1827	1828	rBV3	511334	511066	17.08%	1.036%
97	13.107	1828	1831	1833	rVB	1761359	1504764	50.29%	3.049%
98	13.295	1861	1863	1866	rVB2	483193	391929	13.10%	0.794%
99	13.365	1872	1875	1877	rVB2	444167	406868	13.60%	0.824%
100	14.171	2008	2012	2014	rBV2	930918	1201790	40.17%	2.435%

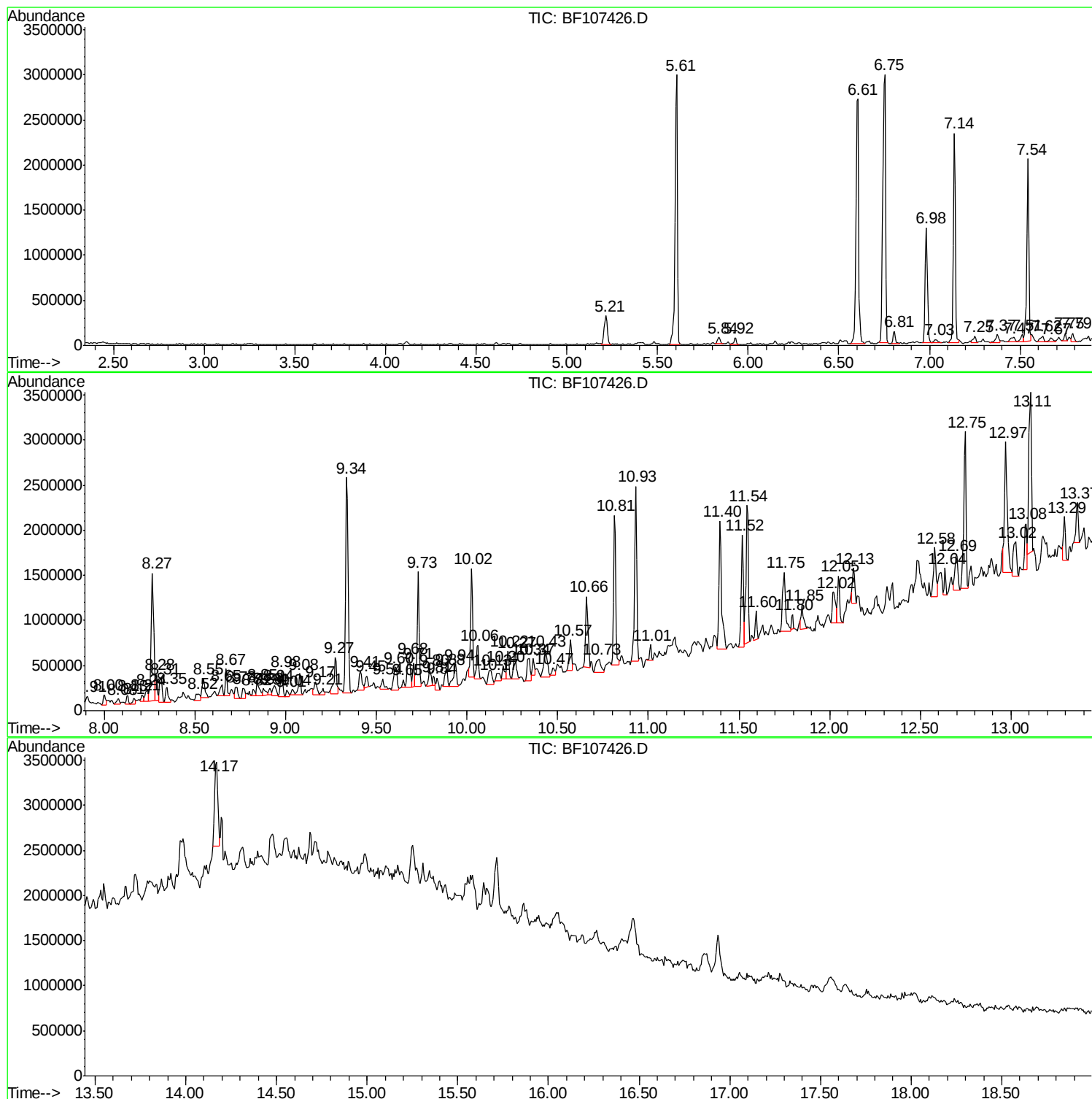
Sum of corrected areas: 49349538

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PAR-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.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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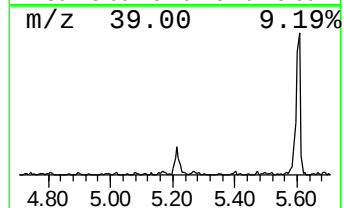
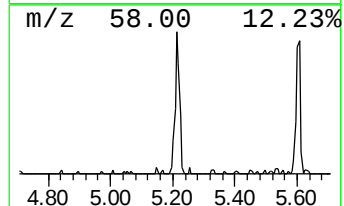
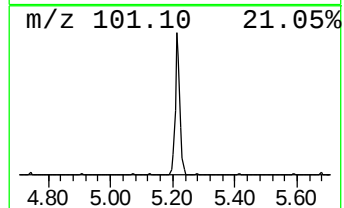
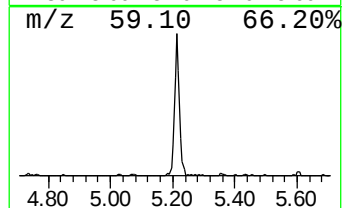
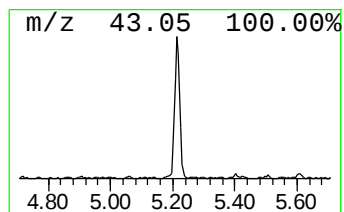
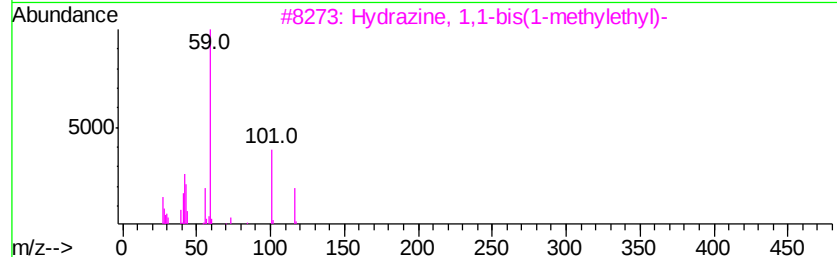
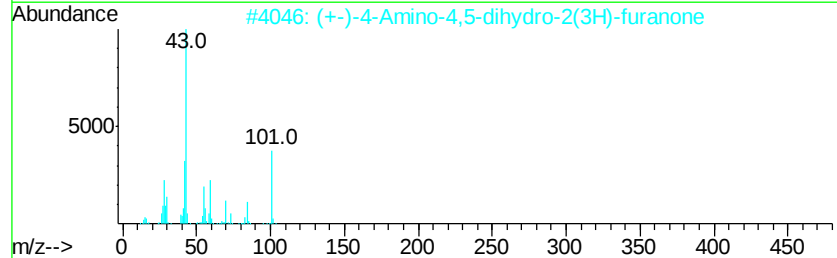
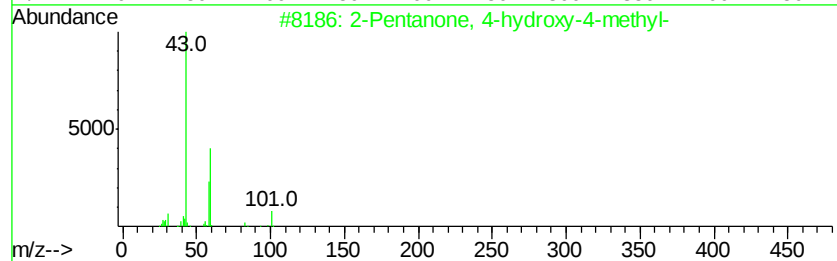
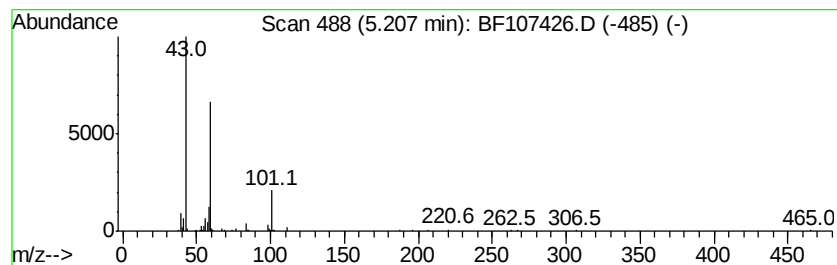
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	6.83 ng	351146	1,4-Dichlorobenzene-d4	6.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4			Tetraolyme	222	C10H22O5	000143-24-8	17
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17



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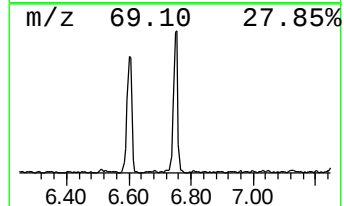
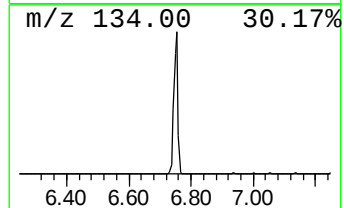
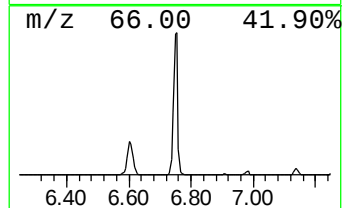
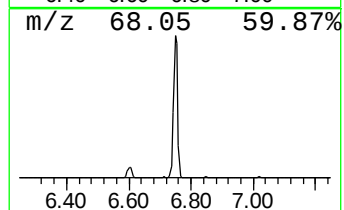
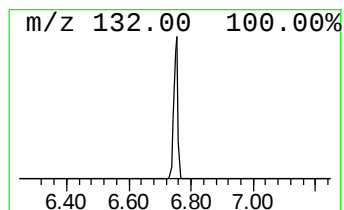
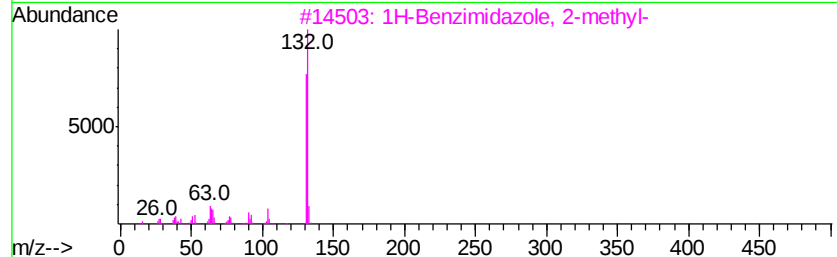
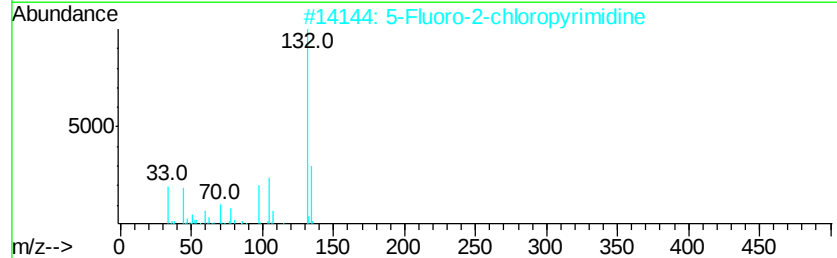
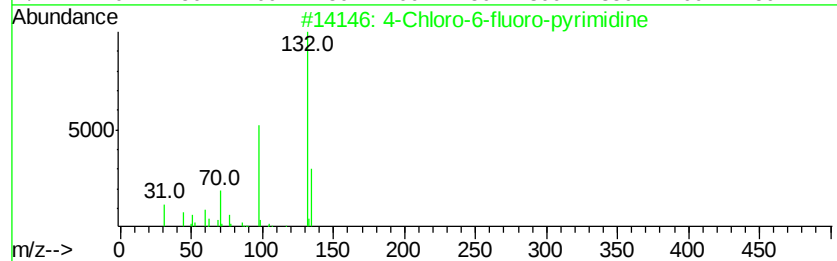
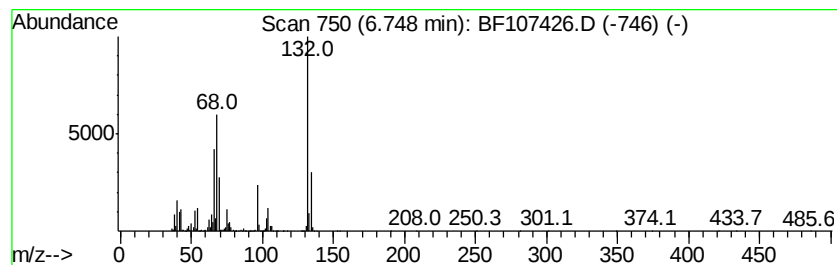
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Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	56.26 ng	2890660	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17



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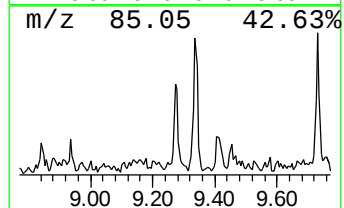
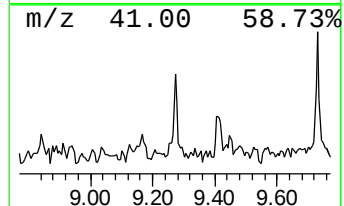
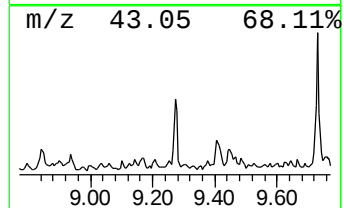
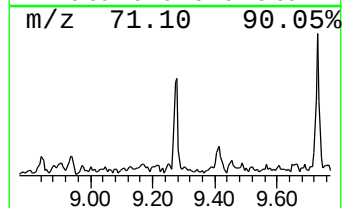
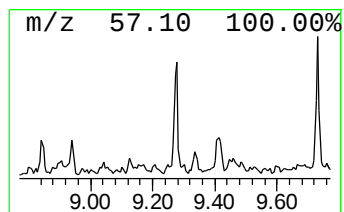
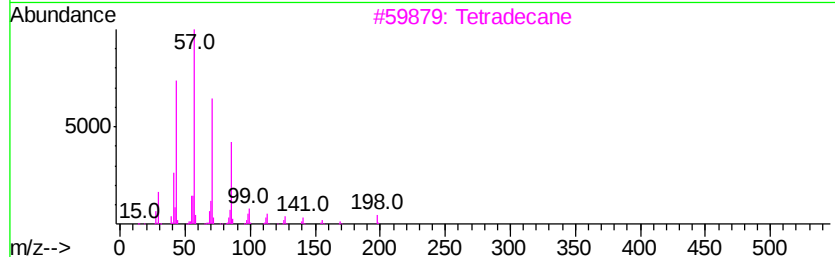
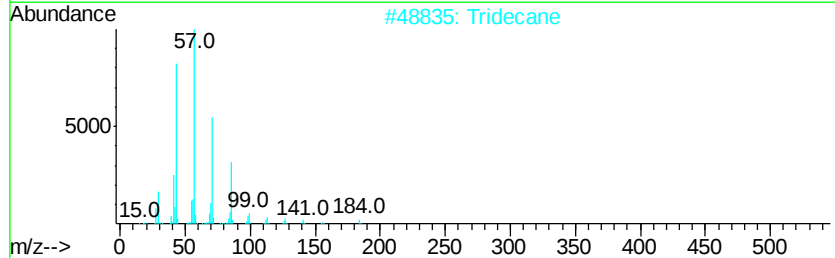
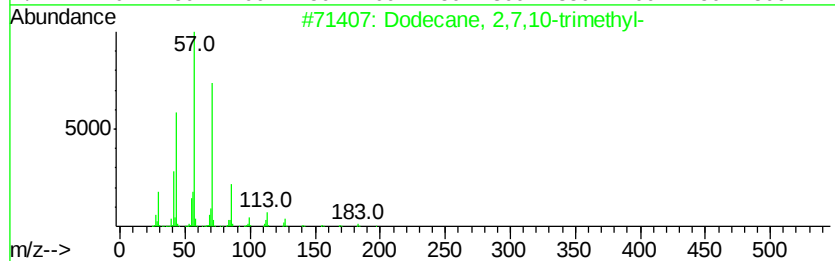
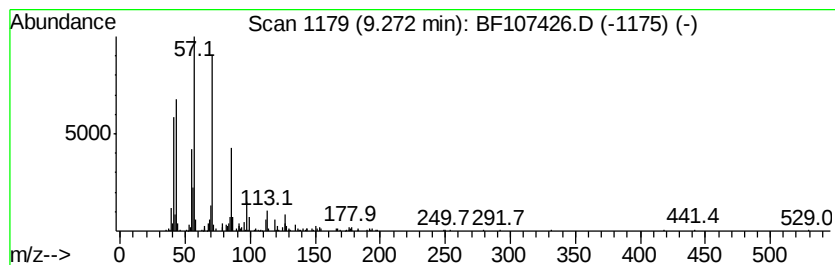
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	8.46 ng	428187	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2		Tridecane	184	C13H28	000629-50-5	47
3		Tetradecane	198	C14H30	000629-59-4	47
4		Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	47
5		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107426.D
Acq On : 17 Jul 2018 2:05
Operator : JU/SJ
Sample : J3975-03
Misc :
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Instrument :
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ClientSampleId :
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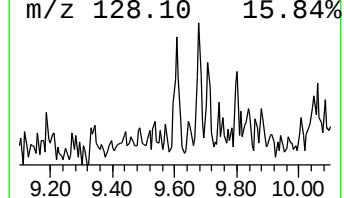
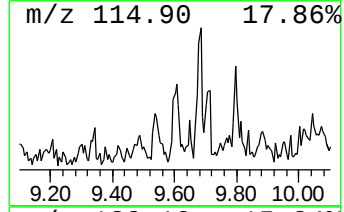
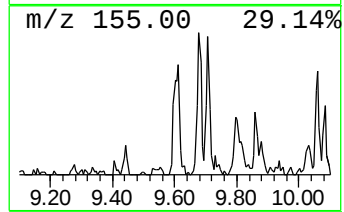
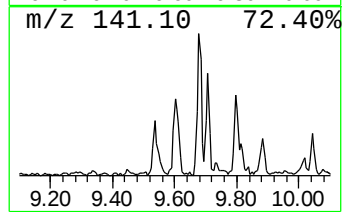
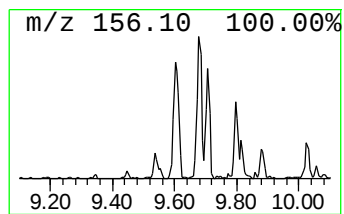
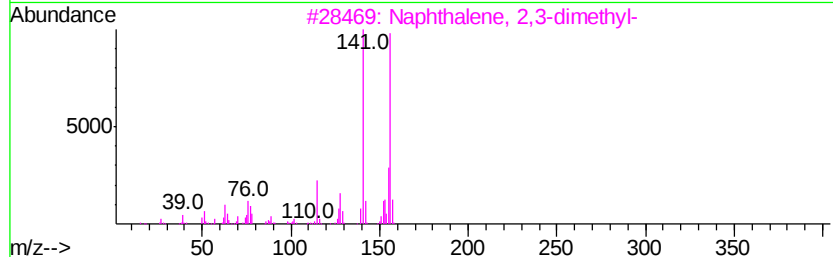
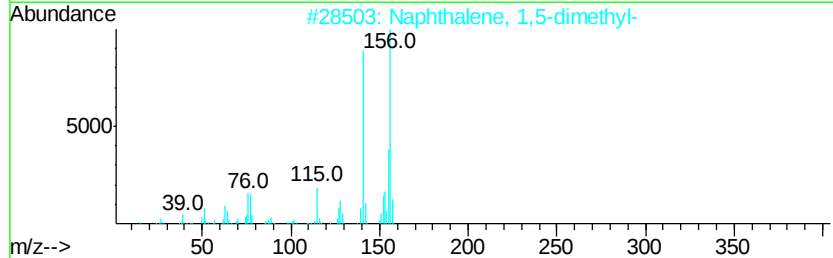
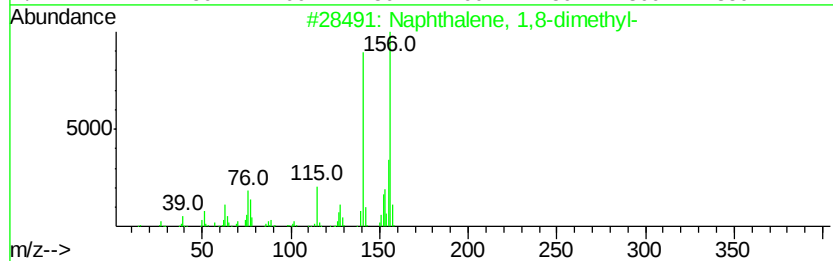
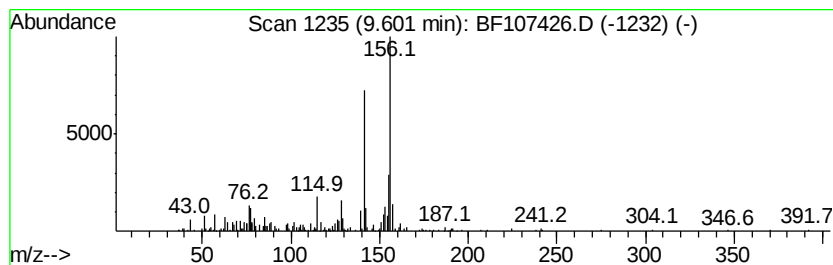
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	7.04 ng	356678	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107426.D
Acq On : 17 Jul 2018 2:05
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Sample : J3975-03
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ClientSampleId :
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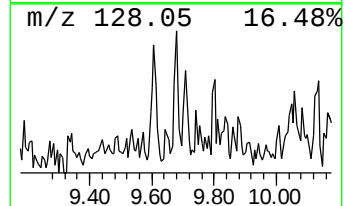
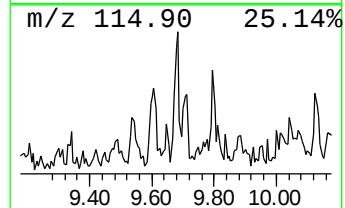
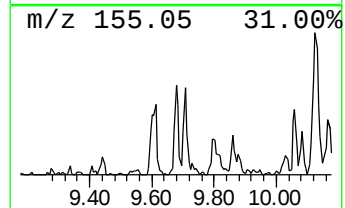
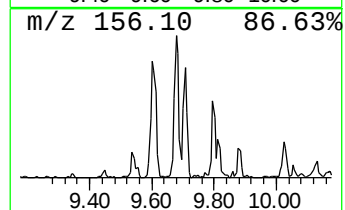
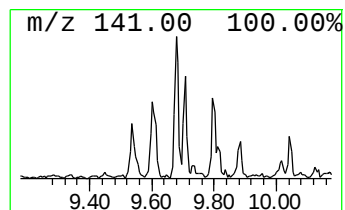
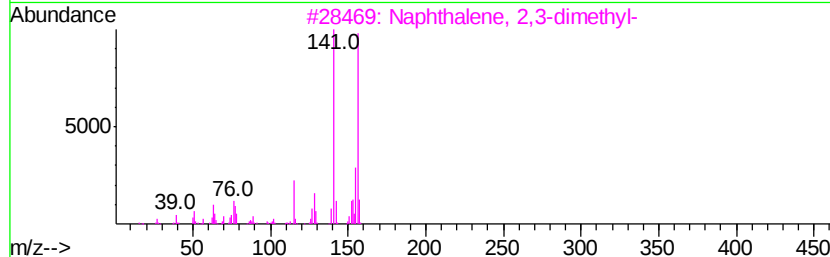
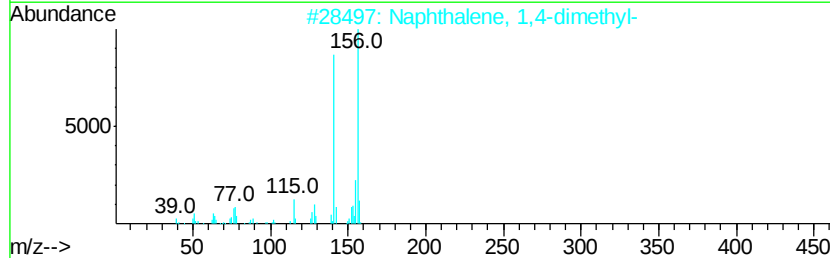
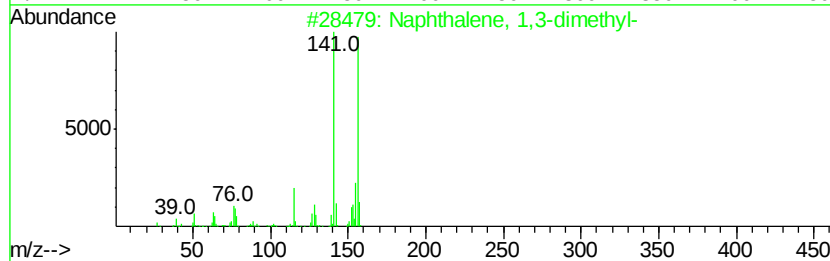
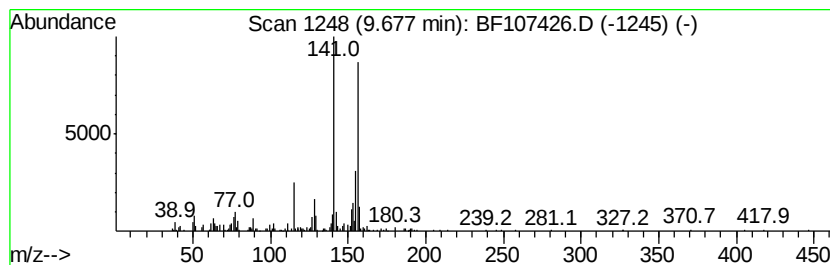
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	7.28 ng	368764	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107426.D
Acq On : 17 Jul 2018 2:05
Operator : JU/SJ
Sample : J3975-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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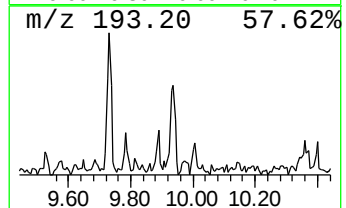
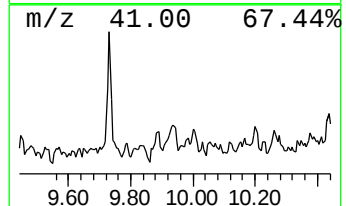
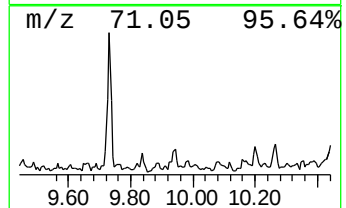
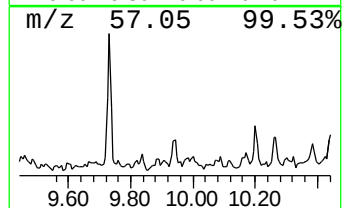
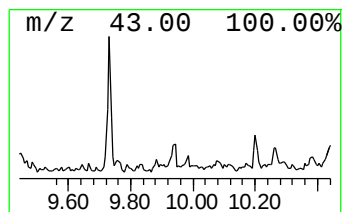
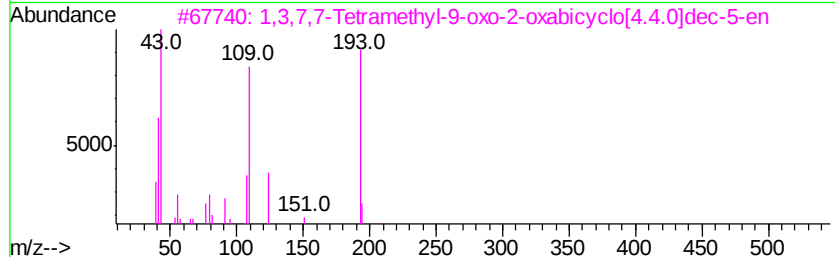
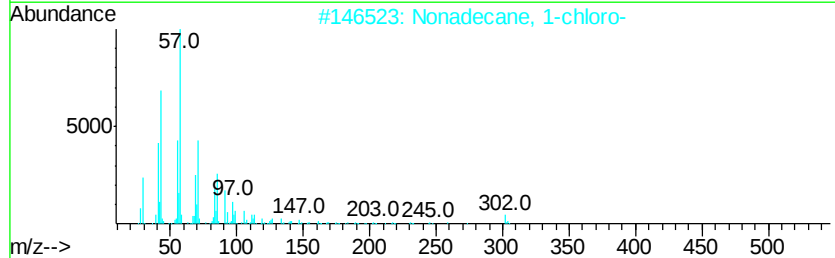
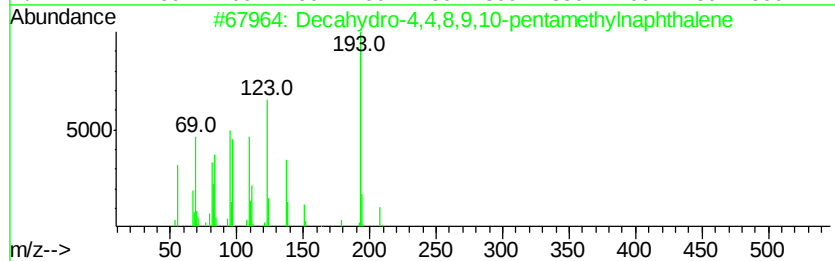
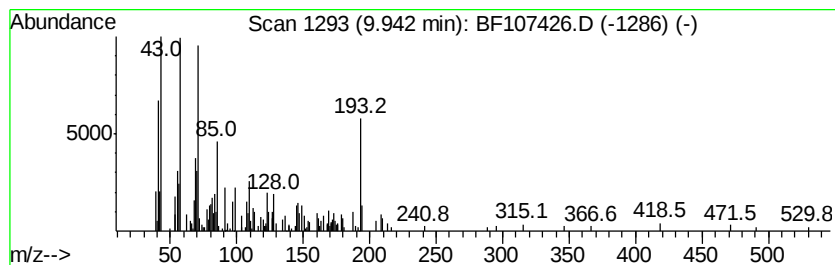
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	6.06 ng	306602	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	41
2		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	25
3		1,3,7,7-Tetramethyl-9-oxo-2-oxab...	208	C13H20O2	020194-67-6	18
4		n-Octylidencyclohexane	194	C14H26	137595-12-1	15
5		5-oxoheptanoic acid, 4,4-dimethyl-	172	C9H16O3	1000126-19-9	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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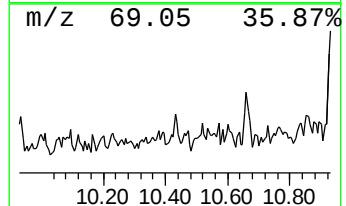
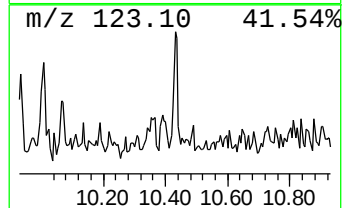
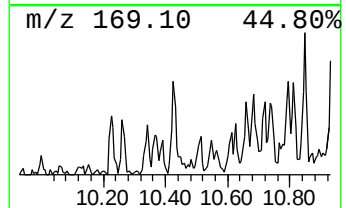
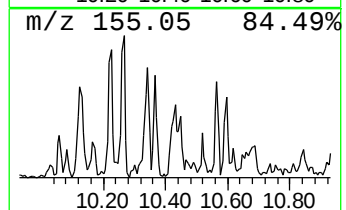
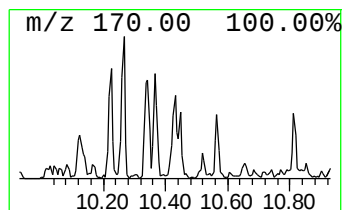
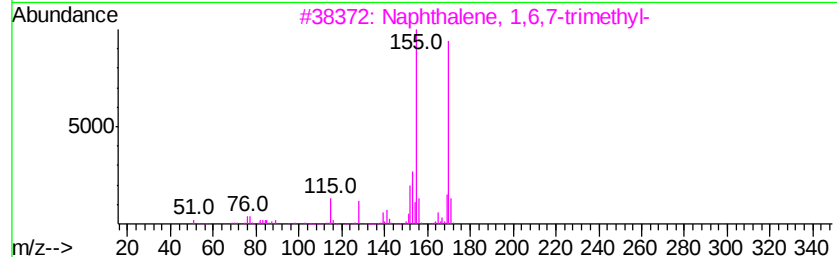
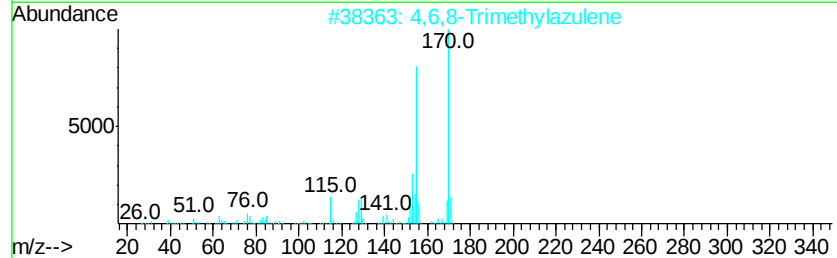
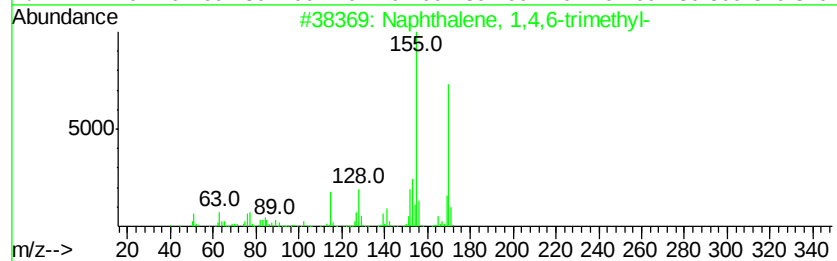
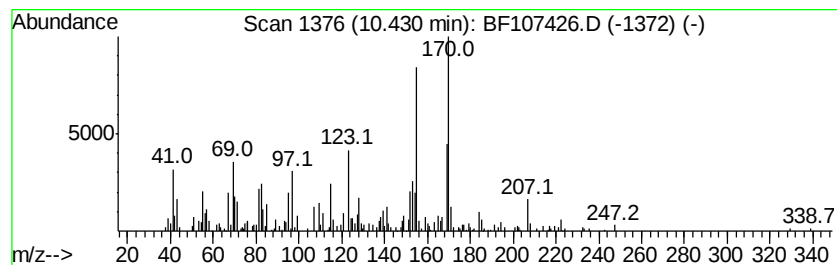
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.43	8.80 ng	445397	Acenaphthene-d10	10.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107426.D
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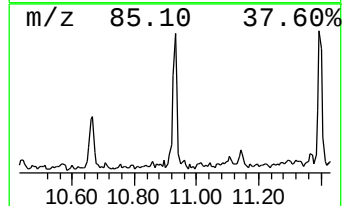
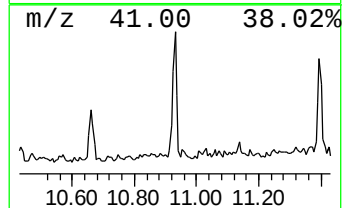
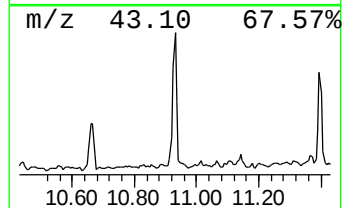
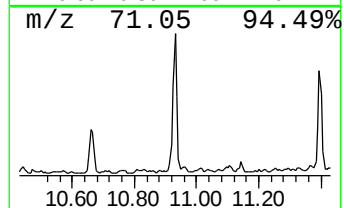
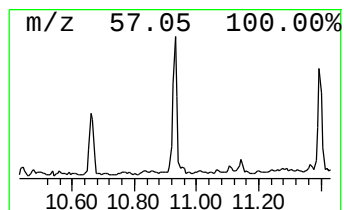
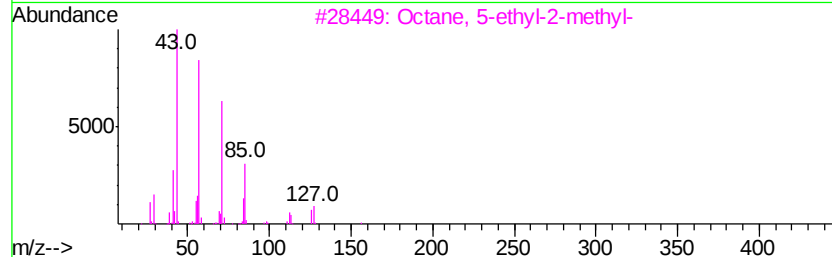
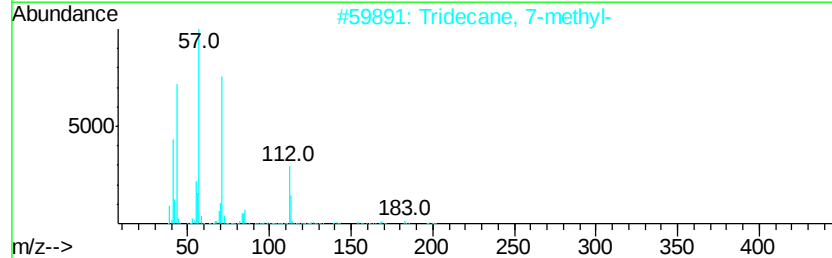
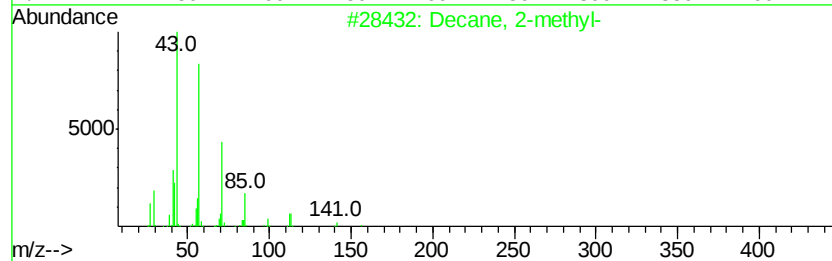
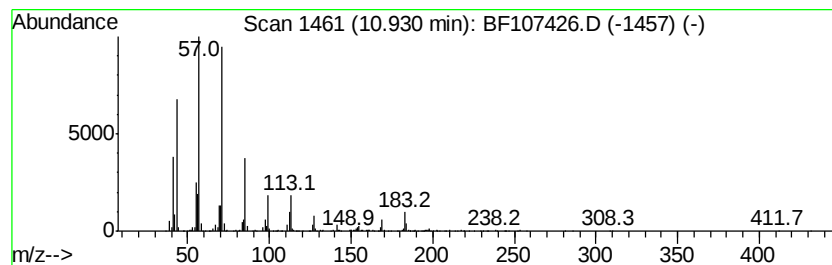
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	30.07 ng	1769330	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
3		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64



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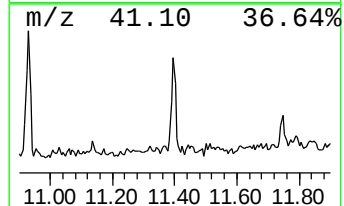
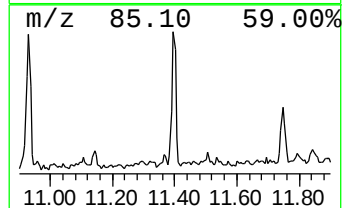
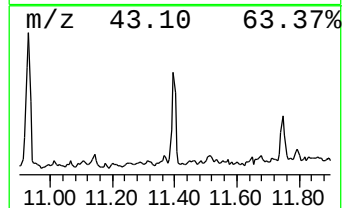
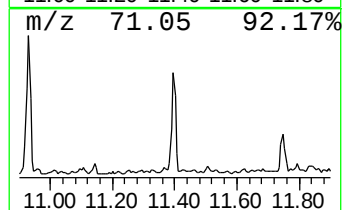
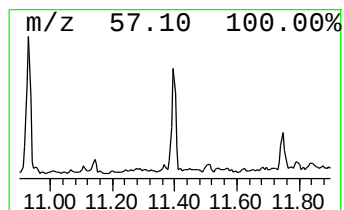
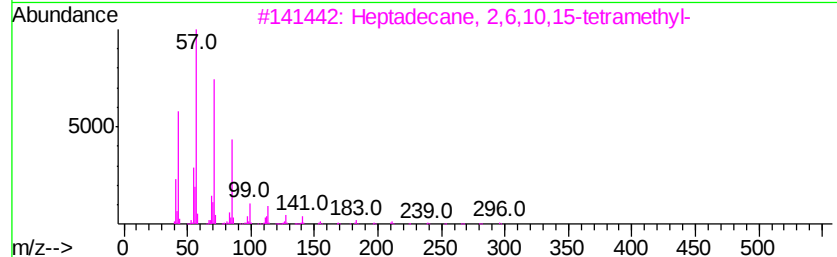
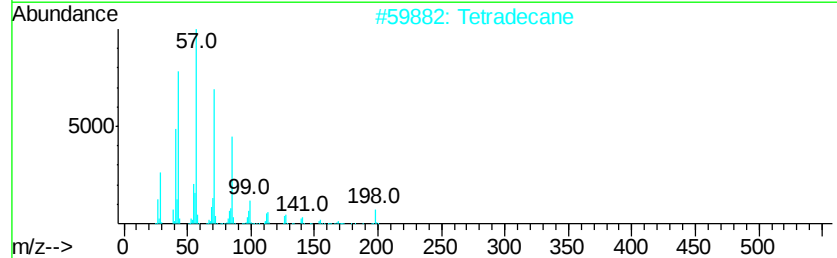
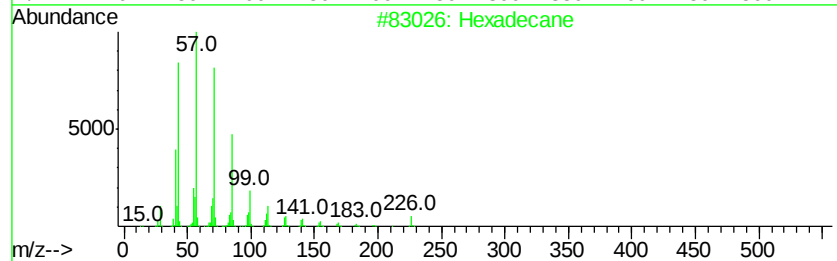
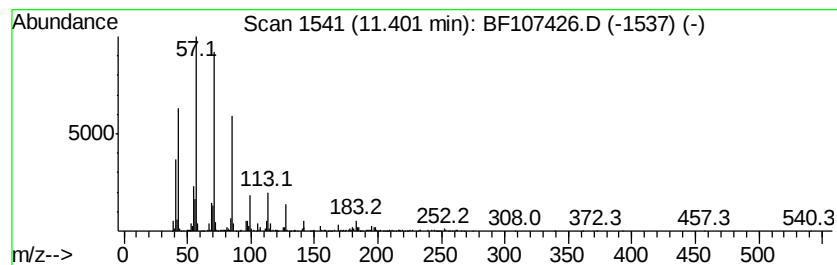
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	25.92 ng	1525030	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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ALS Vial : 18 Sample Multiplier: 1

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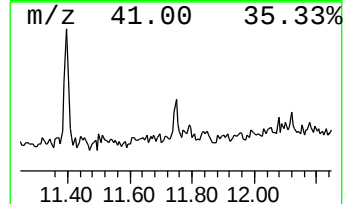
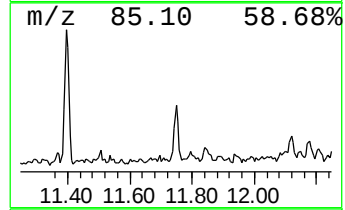
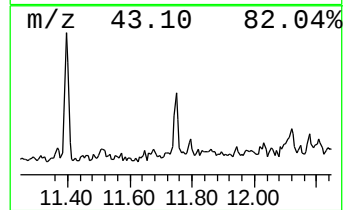
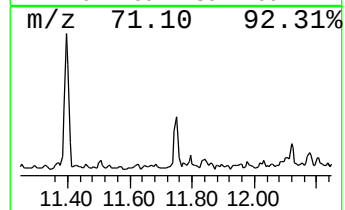
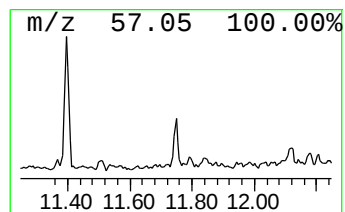
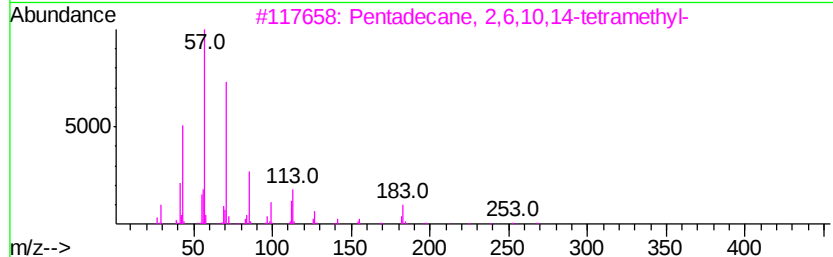
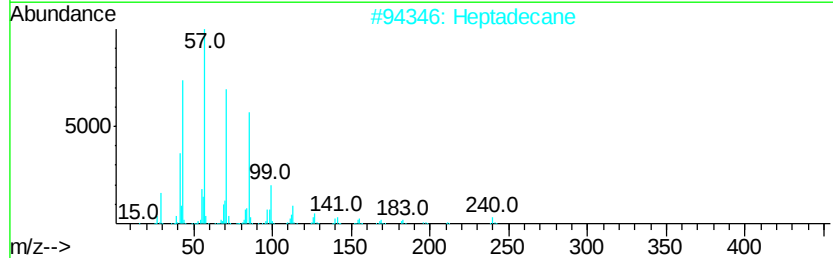
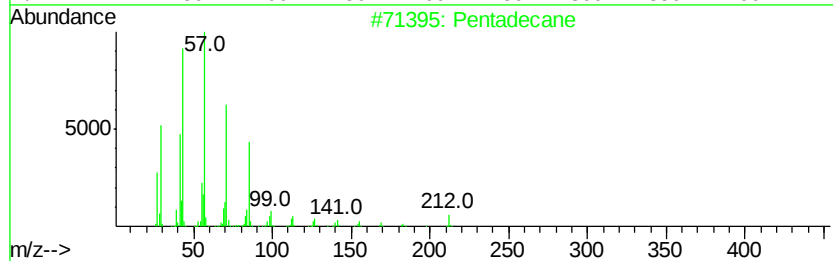
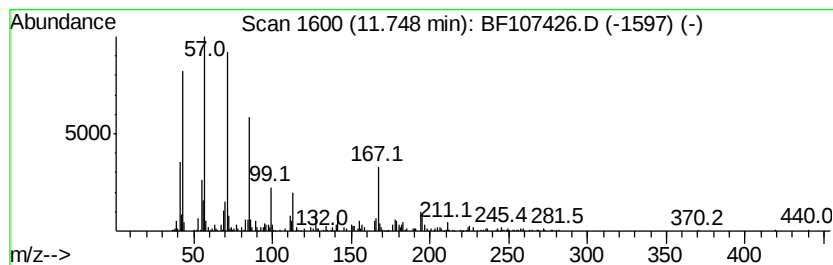
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	12.09 ng	711442	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	70
2		Heptadecane	240	C17H36	000629-78-7	64
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4		Triacontane	422	C30H62	000638-68-6	64
5		Nonadecane	268	C19H40	000629-92-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107426.D
Acq On : 17 Jul 2018 2:05
Operator : JU/SJ
Sample : J3975-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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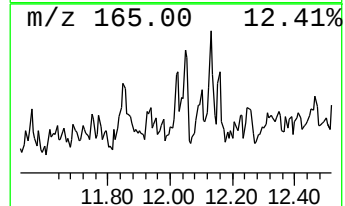
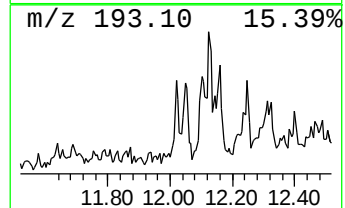
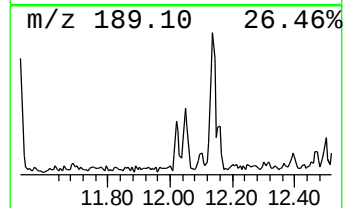
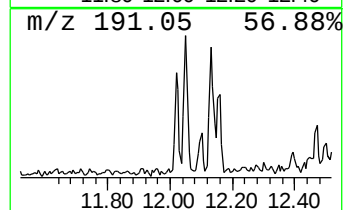
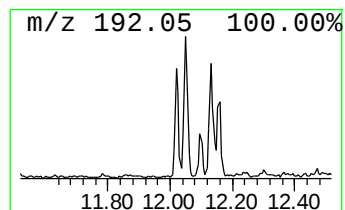
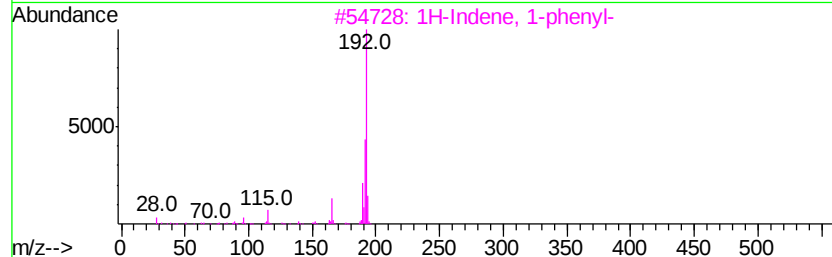
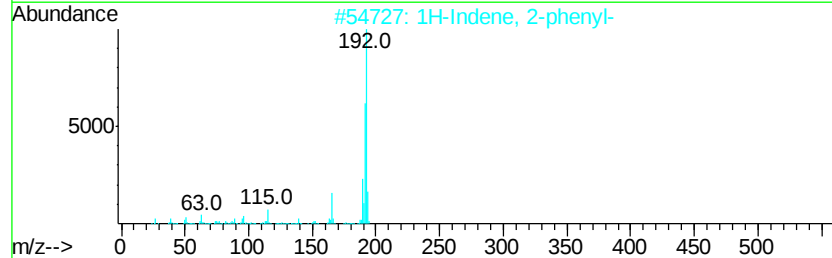
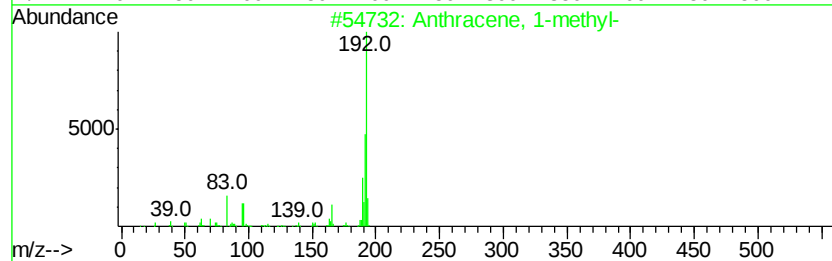
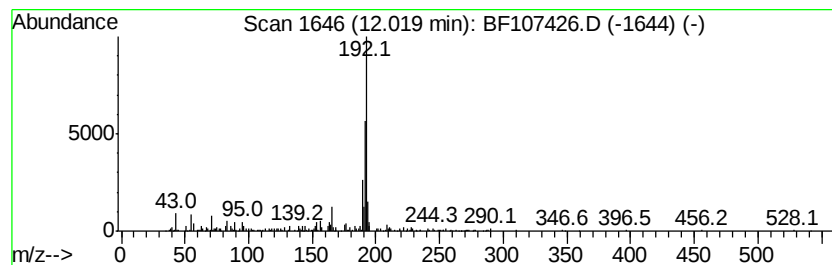
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.50 ng	441106	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	76
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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Sample : J3975-03
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ClientSampleId :
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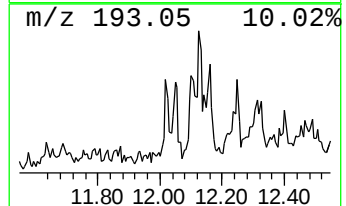
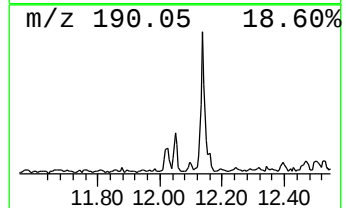
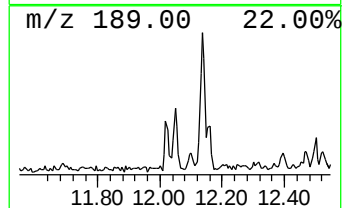
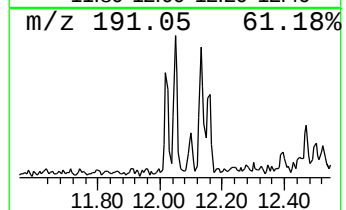
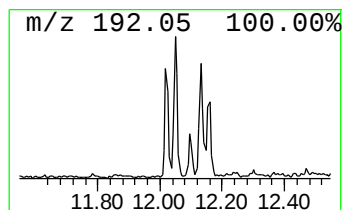
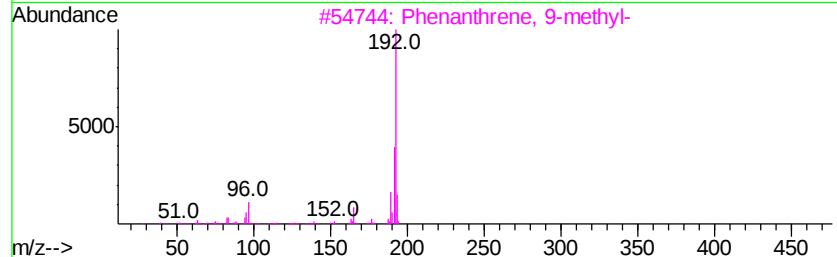
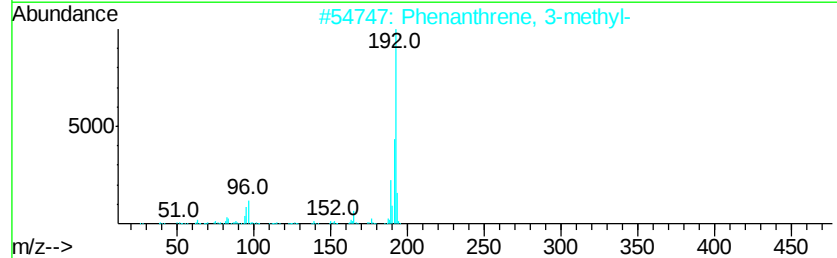
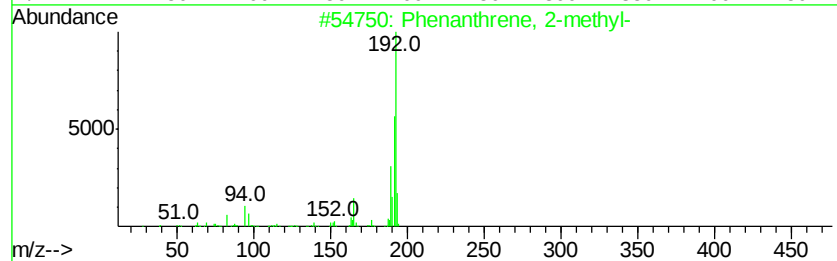
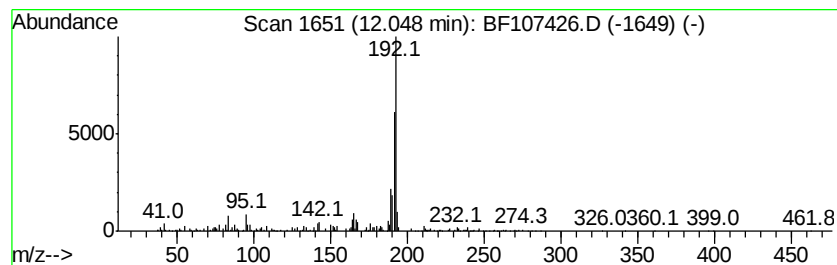
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.74 ng	455626	Phenanthrene-d10	11.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	68
3			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	64
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5			1-(9-Phenanthrenyl)-2-propanol	236	C17H16O	1000326-09-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107426.D
Acq On : 17 Jul 2018 2:05
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Sample : J3975-03
Misc :
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ClientSampleId :
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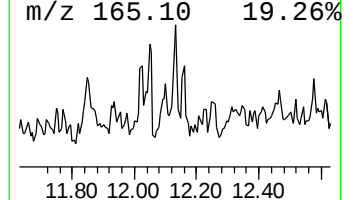
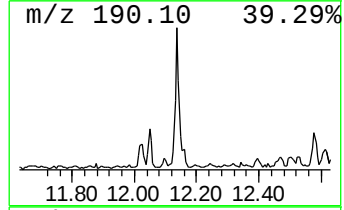
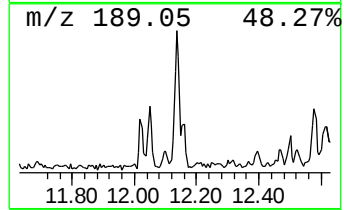
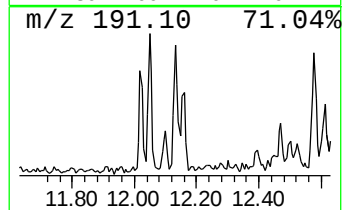
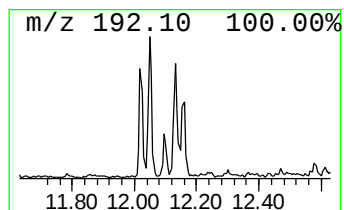
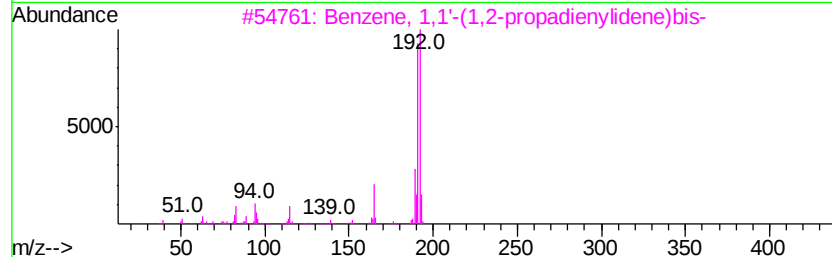
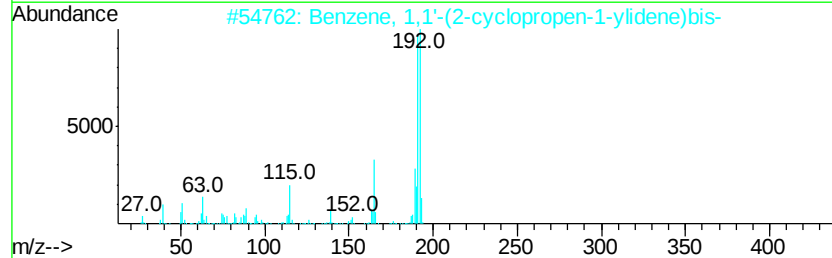
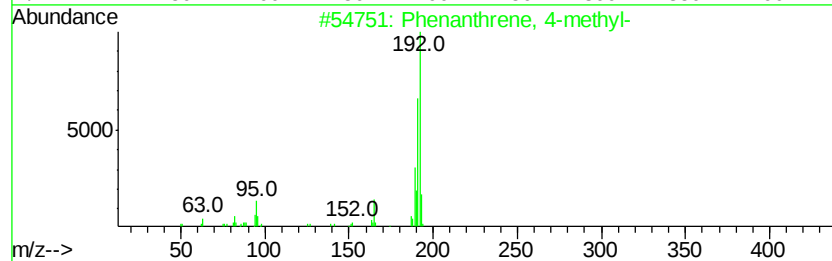
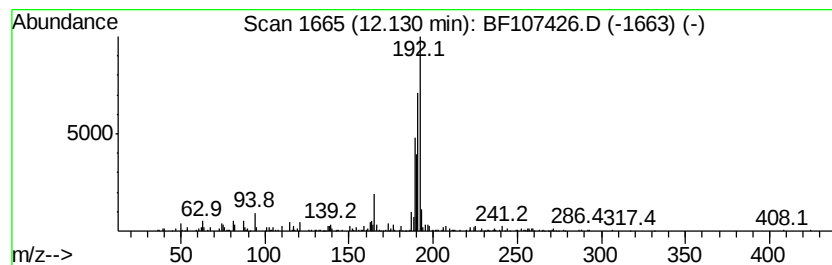
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	6.60 ng	388549	Phenanthrene-d10	11.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
2			Benzene, 1,1'-(2-cyclopropen-1-ylidene)bis-	192	C15H12	022825-21-4	58
3			Benzene, 1,1'-(1,2-propadienyldiene)bis-	192	C15H12	014251-57-1	58
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	53
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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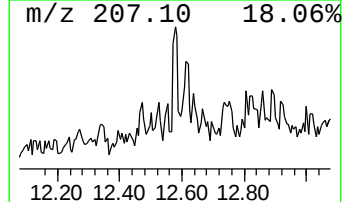
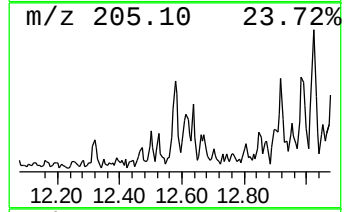
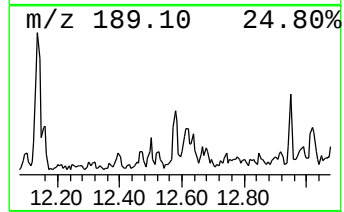
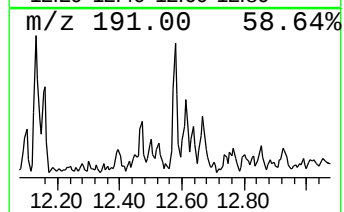
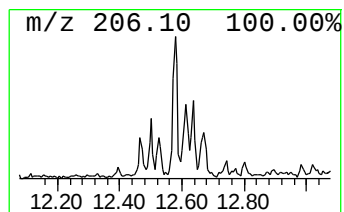
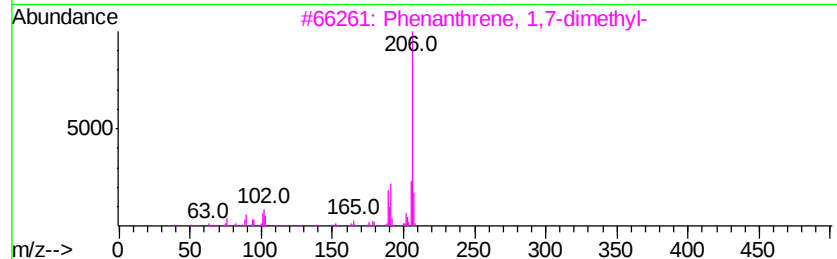
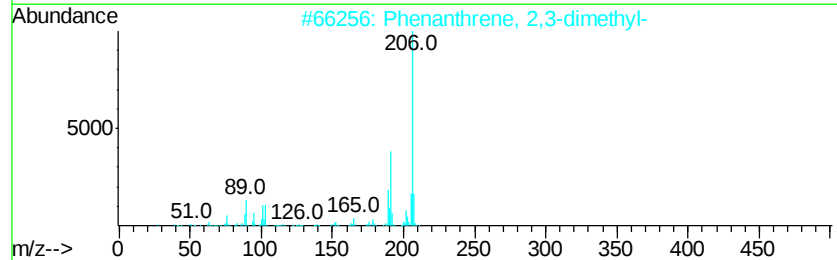
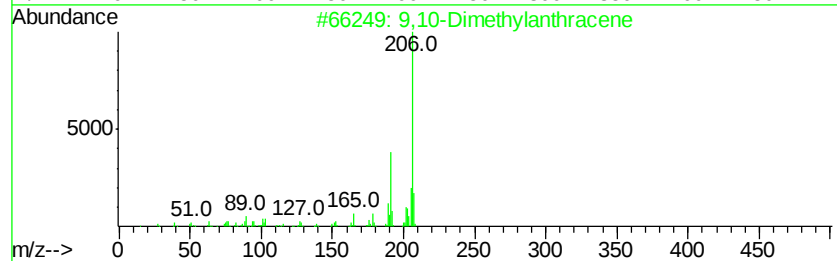
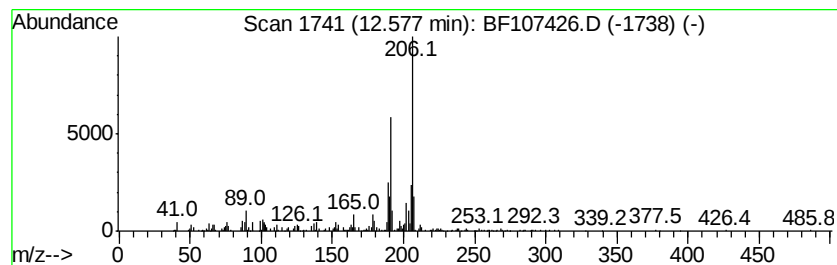
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	9.53 ng	560671	Phenanthrene-d10	11.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	87
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	86



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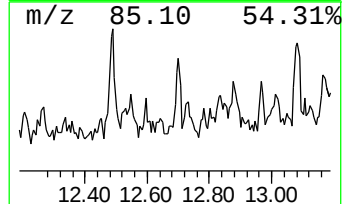
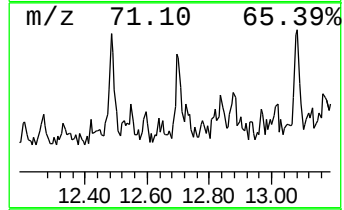
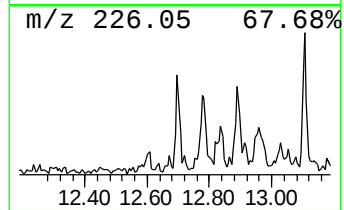
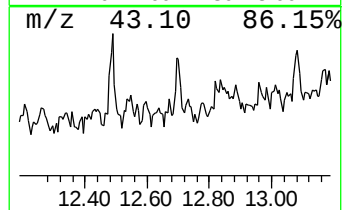
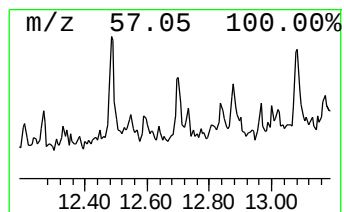
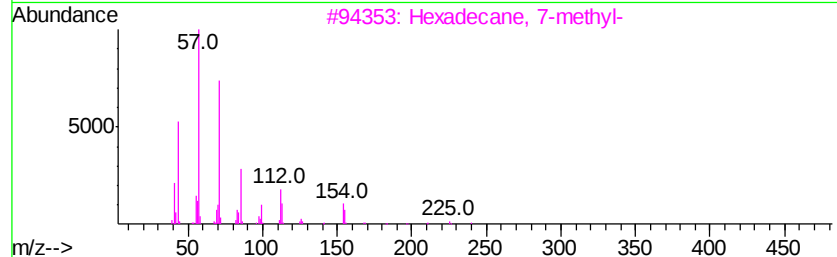
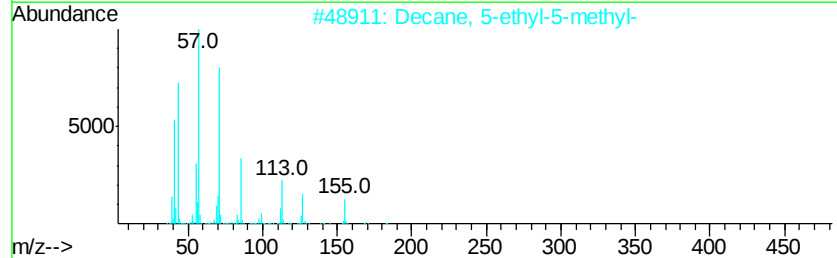
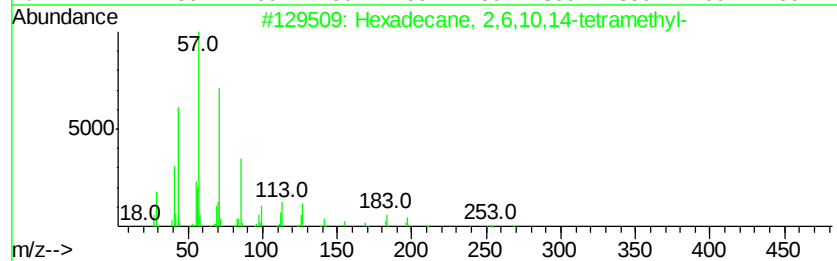
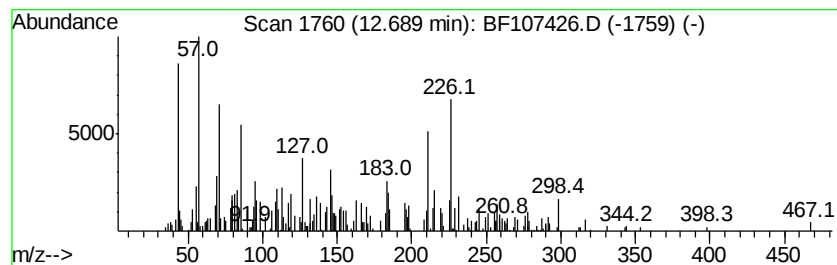
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	6.98 ng	410408	Phenanthrene-d10	11.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70
2			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	47
3			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	47
4			Decane, 2-methyl-	156	C11H24	006975-98-0	46
5			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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ClientSampleId :
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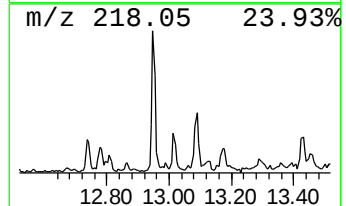
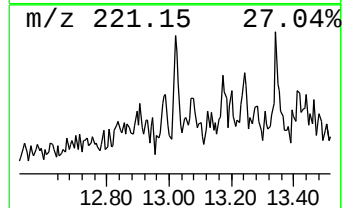
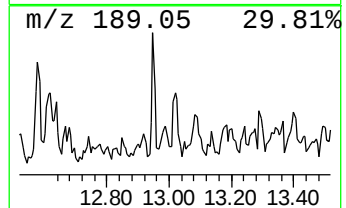
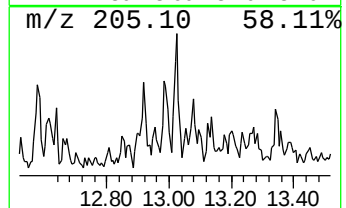
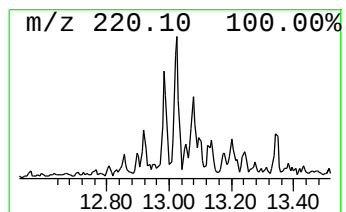
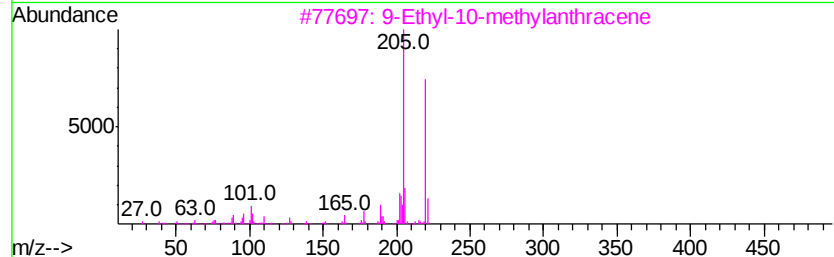
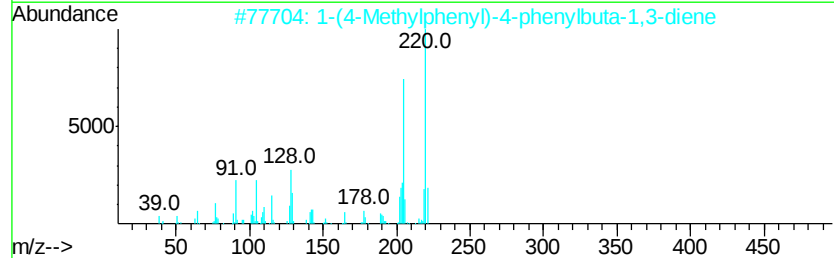
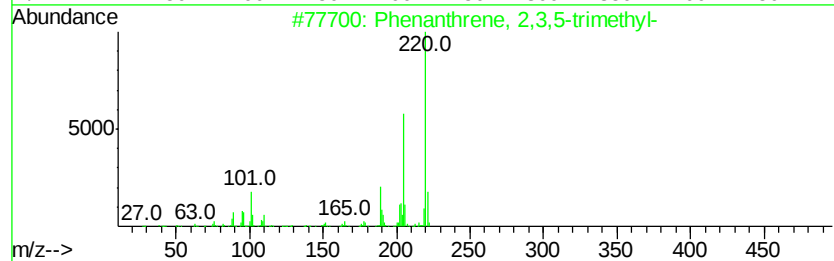
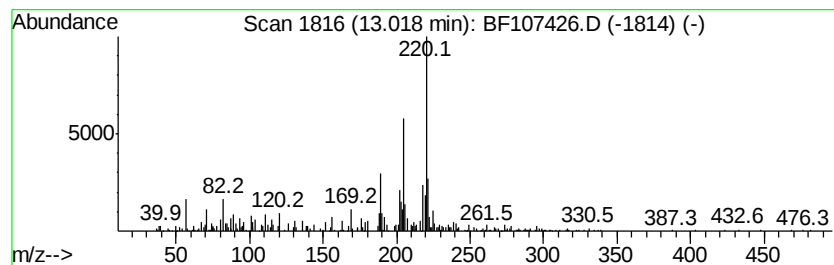
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	7.27 ng	436831	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	80
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	64
3		9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	64
4		5-Acetyl-2-ethylsulfanyl-6-methy...	220	C11H12N2OS	303146-26-1	64
5		Tricyclo[9.2.2.2(4,7)]heptadeca-...	220	C17H16	049576-90-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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Operator : JU/SJ
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampled :
PAR-6

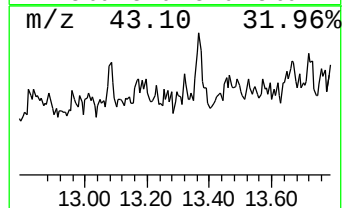
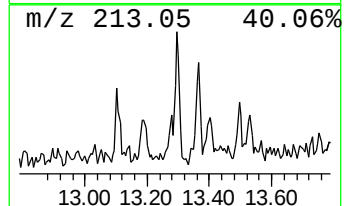
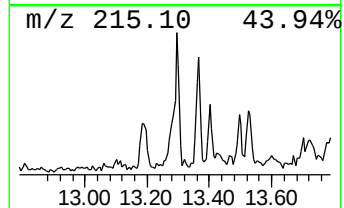
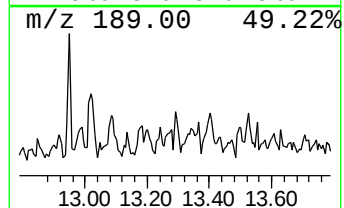
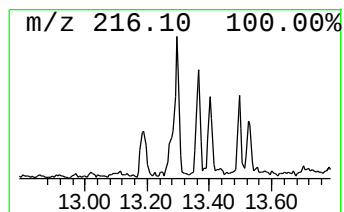
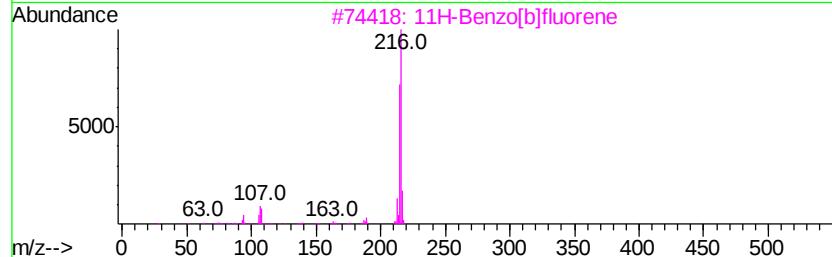
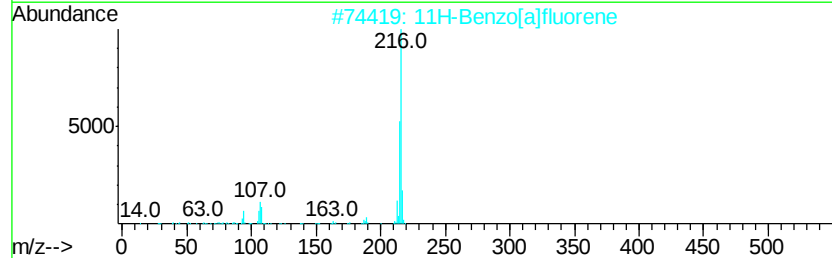
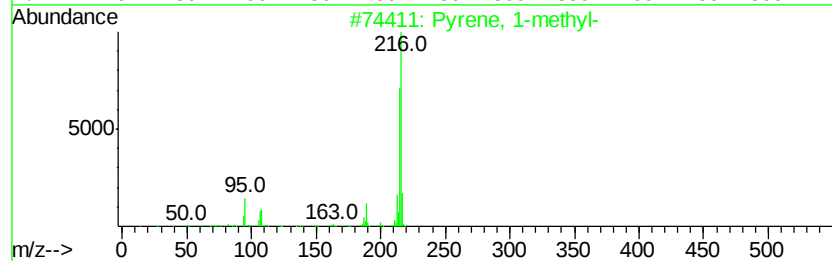
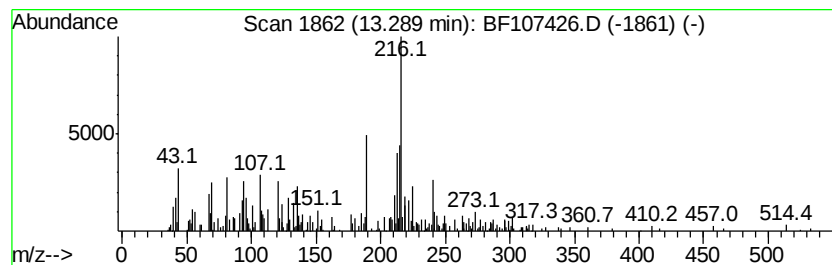
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	6.52 ng	391929	Chrysene-d12	14.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107426.D
Acq On : 17 Jul 2018 2:05
Operator : JU/SJ
Sample : J3975-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PAR-6

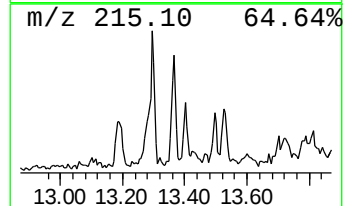
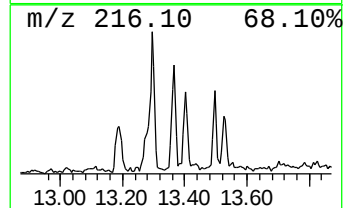
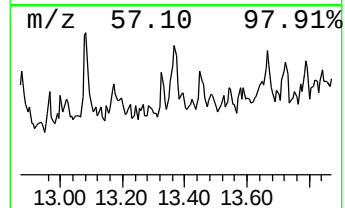
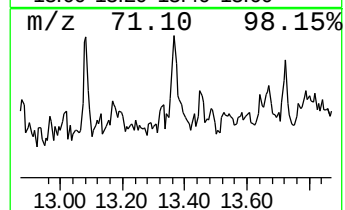
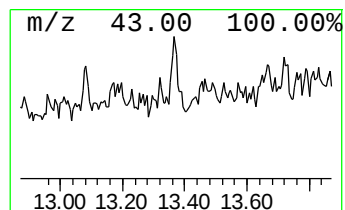
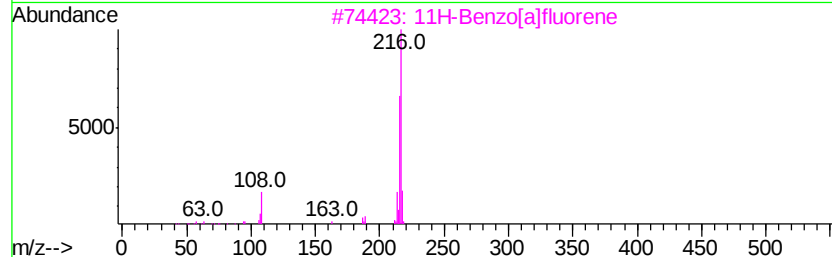
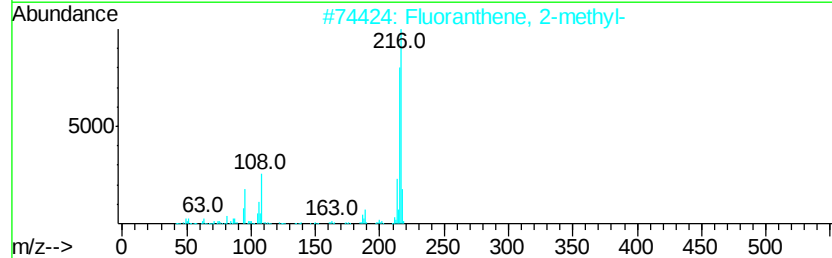
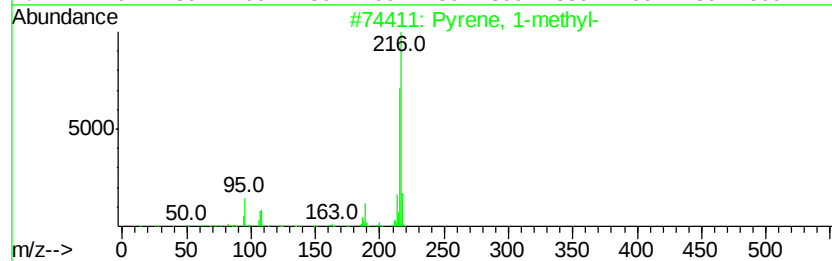
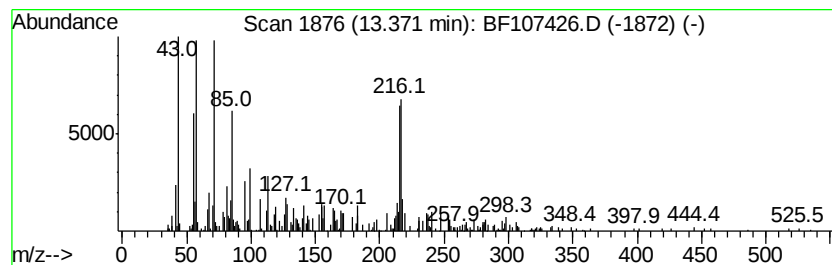
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	6.77 ng	406868	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	52
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
3		11H-Benzof[al]fluorene	216	C17H12	000238-84-6	49
4		7H-Benzanthrene	216	C17H12	000199-94-0	43
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107426.D
 Acq On : 17 Jul 2018 2:05
 Operator : JU/SJ
 Sample : J3975-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
2-Pentanone, 4-hy...	5.21	6.8 ng		351146	1	6.98	1027600	20.0
unknown6.75	6.75	56.3 ng		2890660	1	6.98	1027600	20.0
Dodecane, 2,7,10-...	9.27	8.5 ng		428187	3	10.02	1012710	20.0
Naphthalene, 1,8-...	9.60	7.0 ng		356678	3	10.02	1012710	20.0
Naphthalene, 1,3-...	9.68	7.3 ng		368764	3	10.02	1012710	20.0
unknown9.94	9.94	6.1 ng		306602	3	10.02	1012710	20.0
Naphthalene, 1,4,...	10.43	8.8 ng		445397	3	10.02	1012710	20.0
Decane, 2-methyl-	10.93	30.1 ng		1769330	4	11.52	1176760	20.0
Hexadecane	11.40	25.9 ng		1525030	4	11.52	1176760	20.0
Pentadecane	11.75	12.1 ng		711442	4	11.52	1176760	20.0
Anthracene, 1-met...	12.02	7.5 ng		441106	4	11.52	1176760	20.0
Phenanthrene, 2-m...	12.05	7.7 ng		455626	4	11.52	1176760	20.0
Phenanthrene, 4-m...	12.13	6.6 ng		388549	4	11.52	1176760	20.0
9,10-Dimethylan...	12.58	9.5 ng		560671	4	11.52	1176760	20.0
Hexadecane, 2,6,1...	12.69	7.0 ng		410408	4	11.52	1176760	20.0
Phenanthrene, 2,3...	13.02	7.3 ng		436831	5	14.17	1201790	20.0
11H-Benzo[a]fluorene	13.29	6.5 ng		391929	5	14.17	1201790	20.0
Pyrene, 1-methyl-	13.37	6.8 ng		406868	5	14.17	1201790	20.0