

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106340.D
 Acq On : 12 Jun 2018 13:21
 Operator : JU/SJ
 Sample : J3413-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5

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	495	rBV2	652588	913154	13.63%	0.403%
2	5.601	548	555	558	rVB2	4245287	5315746	79.37%	2.348%
3	6.007	616	624	627	rBV3	503763	718927	10.73%	0.318%
4	6.219	655	660	661	rBV	1242796	1341331	20.03%	0.592%
5	6.407	688	692	695	rBV4	668446	1100036	16.42%	0.486%
6	6.466	700	702	705	rVB	1473524	1146826	17.12%	0.507%
7	6.513	705	710	715	rBV4	1166719	2093513	31.26%	0.925%
8	6.601	720	725	727	rBV	3943263	4886333	72.96%	2.158%
9	6.713	739	744	746	rBV2	890357	1395964	20.84%	0.617%
10	6.748	746	750	756	rVB	4606809	5785173	86.38%	2.555%
11	6.931	778	781	783	rBV2	761662	912732	13.63%	0.403%
12	6.978	785	789	792	rVB2	3520746	3592886	53.65%	1.587%
13	7.019	792	796	800	rBV4	565631	923181	13.78%	0.408%
14	7.078	800	806	809	rBV3	896555	1356603	20.26%	0.599%
15	7.131	809	815	817	rBV3	3524120	5277106	78.79%	2.331%
16	7.154	817	819	823	rVB3	987664	926595	13.84%	0.409%
17	7.219	828	830	831	rBV	1061382	825512	12.33%	0.365%
18	7.242	831	834	836	rVB	1951645	1859959	27.77%	0.822%
19	7.266	836	838	840	rBV	913515	723177	10.80%	0.319%
20	7.348	848	852	854	rBV2	1151719	1268908	18.95%	0.560%
21	7.372	854	856	858	rVB	1110653	784032	11.71%	0.346%
22	7.395	858	860	865	rVB4	814353	1025282	15.31%	0.453%
23	7.507	873	879	881	rBV2	3684684	4794285	71.58%	2.118%
24	7.542	881	885	889	rVB3	3773112	4479250	66.88%	1.978%
25	7.613	892	897	900	rBV4	2101177	3385007	50.54%	1.495%
26	7.666	900	906	909	rBV4	1528636	2581046	38.54%	1.140%
27	7.719	909	915	916	rBV5	772604	1028291	15.35%	0.454%
28	7.742	916	919	922	rVB2	2361036	2048936	30.59%	0.905%
29	7.784	922	926	931	rVB4	1961010	2417596	36.10%	1.068%
30	7.854	933	938	939	rBV2	1356540	1696000	25.32%	0.749%
31	7.872	939	941	943	rVB	1726972	1221944	18.25%	0.540%
32	7.901	943	946	948	rBV4	1788528	1967590	29.38%	0.869%
33	7.925	948	950	954	rVB3	2155362	2319659	34.64%	1.025%
34	7.960	954	956	959	rVB3	1073458	945026	14.11%	0.417%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.995	959	962	968	rBV3	3507717	4383486	65.45%	1.936%
36	8.072	972	975	978	rBV3	1330810	1495872	22.34%	0.661%
37	8.125	981	984	987	rVB2	1794452	1825385	27.26%	0.806%
38	8.154	987	989	992	rBV2	926376	1086689	16.23%	0.480%
39	8.207	993	998	1001	rBV4	1289609	2268152	33.87%	1.002%
40	8.248	1001	1005	1006	rBV2	1589881	1891552	28.24%	0.835%
41	8.313	1012	1016	1018	rVB2	4251641	5501240	82.14%	2.430%
42	8.342	1018	1021	1023	rBV3	2094959	2158598	32.23%	0.953%
43	8.407	1029	1032	1034	rBV3	1042918	1126640	16.82%	0.498%
44	8.437	1034	1037	1038	rVV2	965067	955303	14.26%	0.422%
45	8.460	1038	1041	1045	rVV2	2179787	2404936	35.91%	1.062%
46	8.507	1046	1049	1050	rBV2	1174708	1007470	15.04%	0.445%
47	8.548	1052	1056	1060	rVB4	2912204	4333438	64.70%	1.914%
48	8.601	1063	1065	1068	rVB4	778914	760196	11.35%	0.336%
49	8.642	1068	1072	1074	rBV	1921726	2082992	31.10%	0.920%
50	8.678	1074	1078	1080	rVV2	3336853	3738546	55.82%	1.651%
51	8.701	1080	1082	1084	rVV2	939994	893581	13.34%	0.395%
52	8.725	1084	1086	1089	rVB	1525184	1428244	21.33%	0.631%
53	8.766	1089	1093	1095	rBV	3397624	3329246	49.71%	1.471%
54	8.825	1101	1103	1105	rVB2	983002	734519	10.97%	0.324%
55	8.848	1105	1107	1111	rBV3	1443192	1968197	29.39%	0.869%
56	8.984	1126	1130	1132	rVB	3171580	3807024	56.84%	1.682%
57	9.036	1136	1139	1141	rBV4	912211	1045551	15.61%	0.462%
58	9.084	1141	1147	1150	rVV2	3549307	5028991	75.09%	2.221%
59	9.125	1152	1154	1156	rVV3	929541	900434	13.44%	0.398%
60	9.166	1158	1161	1164	rVB3	1902773	2296554	34.29%	1.014%
61	9.201	1164	1167	1170	rBV4	1221914	1430390	21.36%	0.632%
62	9.278	1177	1180	1183	rBV2	2597554	2679750	40.01%	1.184%
63	9.336	1187	1190	1195	rVB2	3064462	3768434	56.27%	1.664%
64	9.419	1200	1204	1207	rBV3	2427739	3013344	44.99%	1.331%
65	9.489	1214	1216	1219	rVB	1553695	1454289	21.71%	0.642%
66	9.536	1222	1224	1230	rVB	1628454	2016891	30.11%	0.891%
67	9.619	1232	1238	1240	rVB	2643362	4325327	64.58%	1.910%
68	9.689	1246	1250	1252	rBV	2039743	3011324	44.96%	1.330%
69	9.719	1252	1255	1256	rVV2	2018238	2124702	31.72%	0.938%
70	9.736	1256	1258	1261	rVB4	3437699	3709821	55.39%	1.639%
71	9.766	1261	1263	1266	rVB3	924287	785960	11.74%	0.347%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	9.807	1266	1270	1271	rBV2	1962464	2269324	33.88%	1.002%
73	9.889	1281	1284	1286	rVV2	2155000	2192017	32.73%	0.968%
74	9.936	1290	1292	1294	rVB2	1419167	1128645	16.85%	0.499%
75	10.131	1321	1325	1329	rBV	2093938	3465700	51.75%	1.531%
76	10.172	1329	1332	1335	rVV3	1059689	1538844	22.98%	0.680%
77	10.207	1335	1338	1339	rVV2	1352019	1412981	21.10%	0.624%
78	10.225	1339	1341	1345	rVB2	2192688	2275051	33.97%	1.005%
79	10.272	1345	1349	1358	rVB4	2940278	5041730	75.28%	2.227%
80	10.342	1358	1361	1363	rBV	2390582	2770108	41.36%	1.224%
81	10.372	1364	1366	1372	rVB2	2239371	2759873	41.21%	1.219%
82	10.436	1372	1377	1378	rBV3	1976167	2702948	40.36%	1.194%
83	10.566	1397	1399	1402	rBV2	950653	1067345	15.94%	0.471%
84	10.666	1410	1416	1422	rVB3	3214363	6247678	93.29%	2.760%
85	10.713	1422	1424	1428	rBV4	1011911	1427556	21.32%	0.631%
86	10.819	1439	1442	1445	rBV4	1271989	1780749	26.59%	0.787%
87	10.936	1457	1462	1469	rVB2	3973565	6697346	100.00%	2.958%
88	11.236	1511	1513	1515	rBV2	681497	767109	11.45%	0.339%
89	11.260	1515	1517	1519	rVV3	873965	844053	12.60%	0.373%
90	11.395	1536	1540	1546	rVB2	3190140	4994311	74.57%	2.206%
91	11.542	1562	1565	1567	rVB	1164005	971582	14.51%	0.429%
92	11.742	1596	1599	1605	rBV2	1675151	1853454	27.67%	0.819%
93	12.013	1643	1645	1648	rBV	1251521	1333525	19.91%	0.589%
94	12.042	1648	1650	1654	rVB	1567632	1472130	21.98%	0.650%
95	12.566	1736	1739	1741	rVB	1170805	1116498	16.67%	0.493%
96	12.966	1803	1807	1811	rVV2	480883	808873	12.08%	0.357%
97	13.007	1811	1814	1817	rVB	719162	712327	10.64%	0.315%
98	13.095	1825	1829	1835	rVB	3738558	4239614	63.30%	1.873%
99	14.154	2005	2009	2013	rBV	1412802	1295926	19.35%	0.572%
100	15.701	2266	2272	2278	rBV	1010758	1383817	20.66%	0.611%

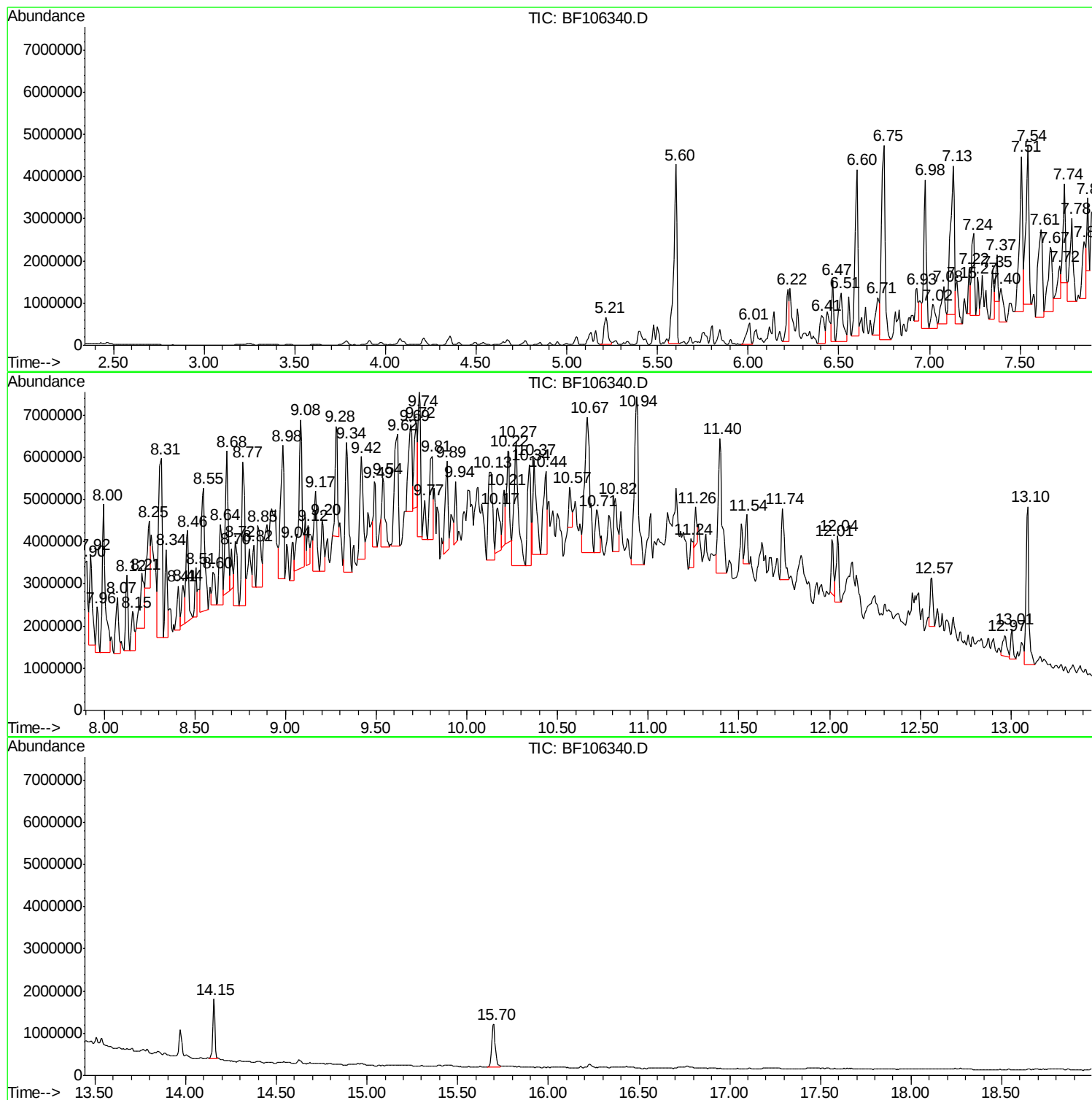
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Instrument :
BNA_F
ClientSampled :
D-5

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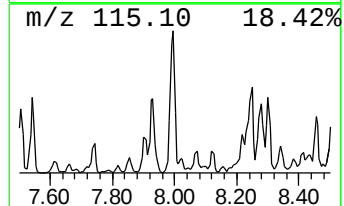
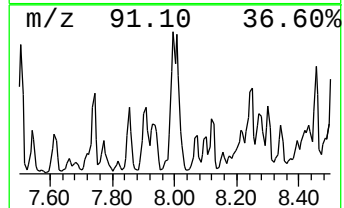
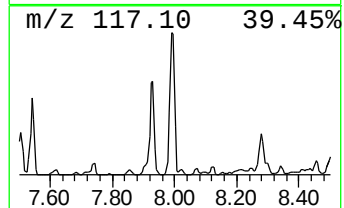
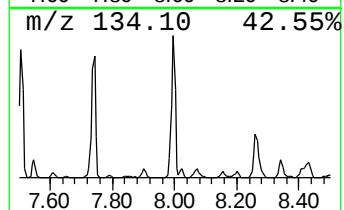
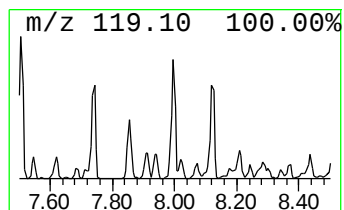
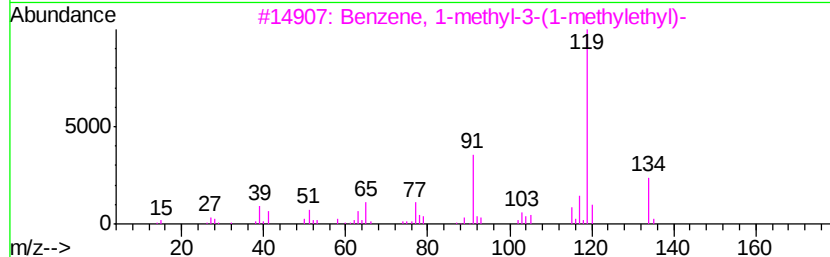
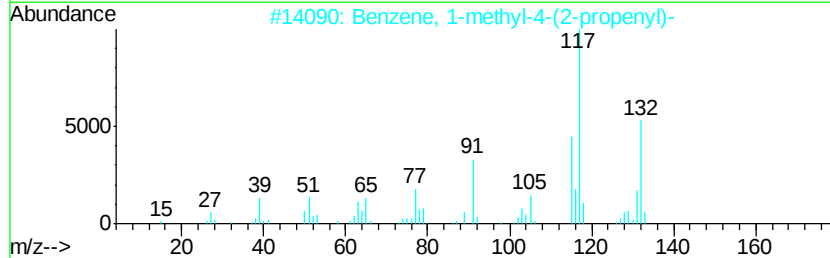
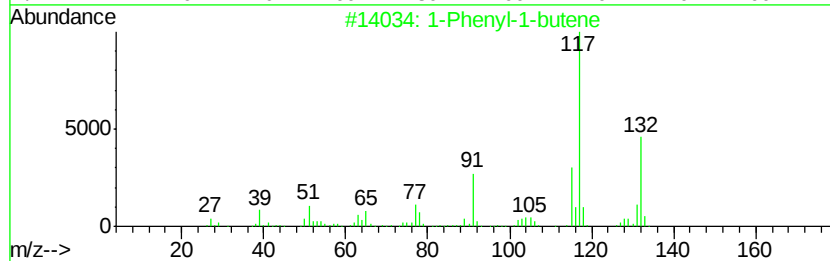
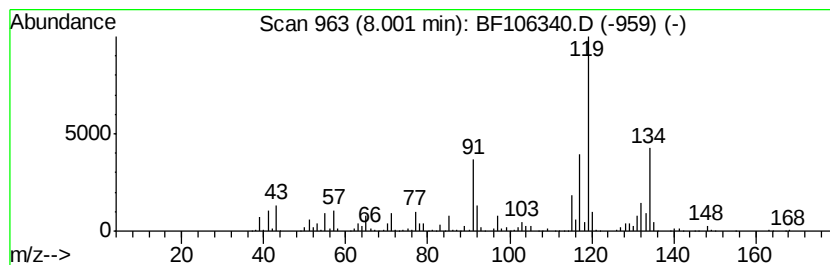
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Phenyl-1-butene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	46.35 ng	4383490	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	50
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	50



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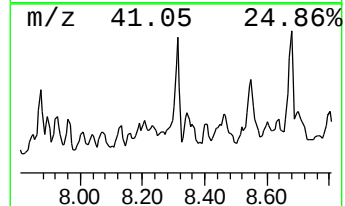
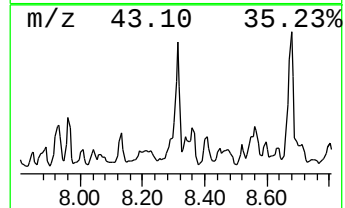
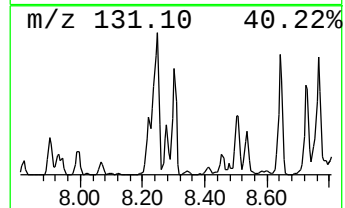
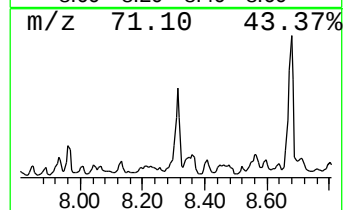
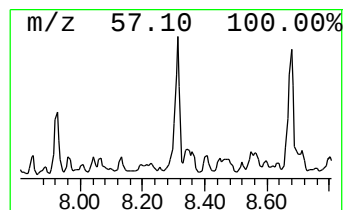
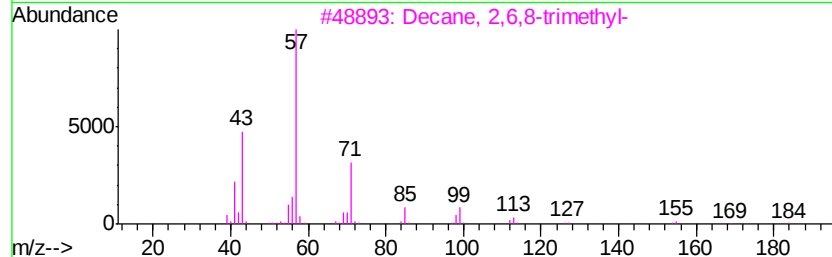
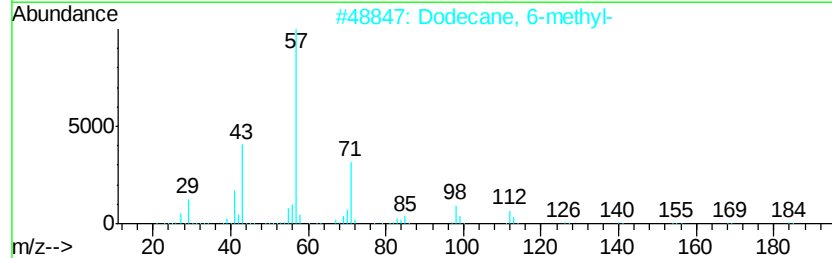
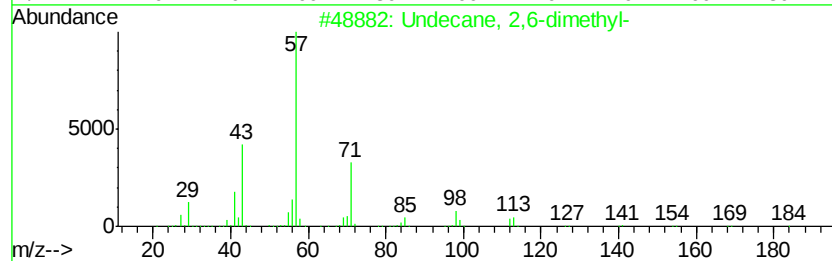
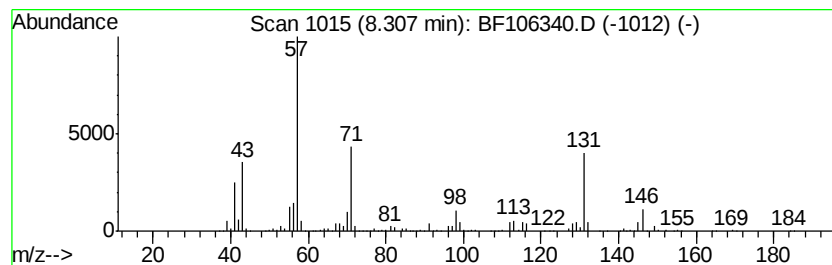
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	58.17 ng	5501240	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	93
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	80
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72



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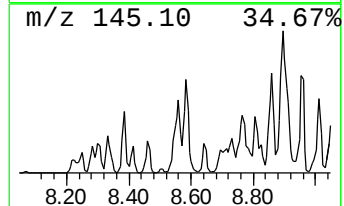
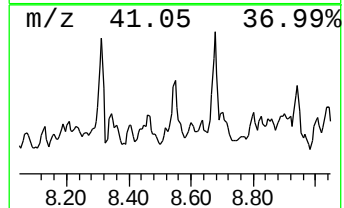
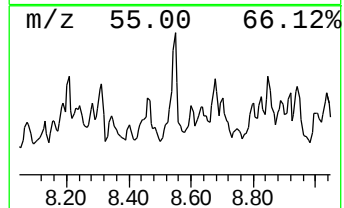
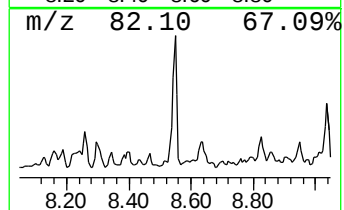
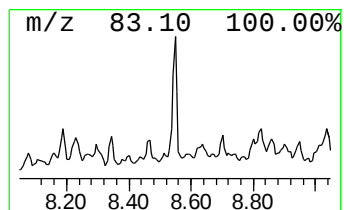
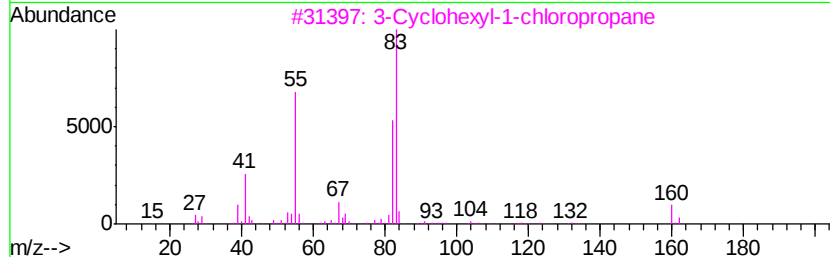
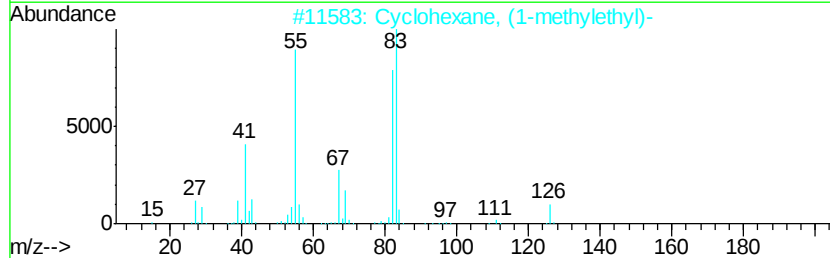
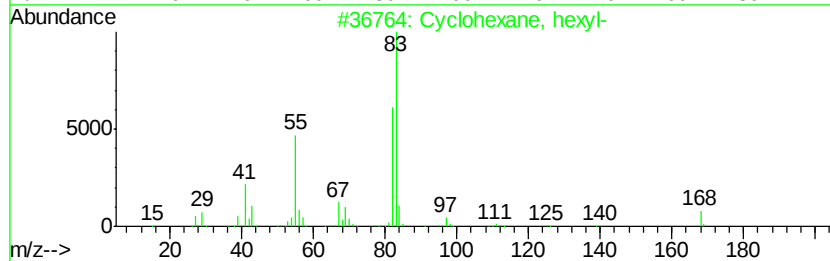
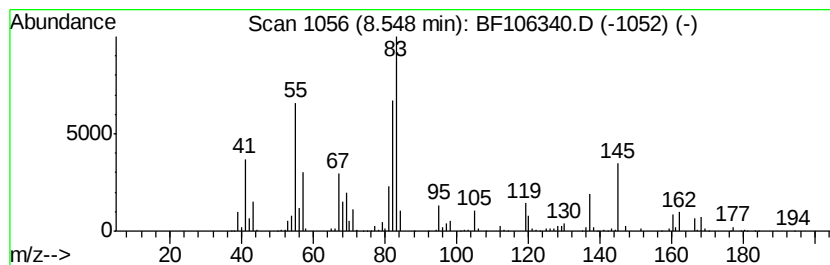
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D-5

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 3 Cyclohexane, hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	45.82 ng	4333440	Napthalene-d8	8.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, hexyl-	168 C12H24	004292-75-5 52
2		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 50
3		3-Cyclohexyl-1-chloropropane	160 C9H17Cl	001124-62-5 49
4		Cyclohexane, octyl-	196 C14H28	001795-15-9 47
5		Cyclohexane, propyl-	126 C9H18	001678-92-8 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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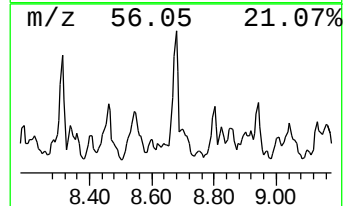
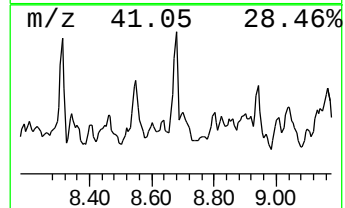
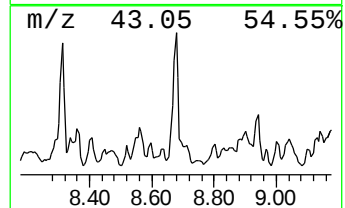
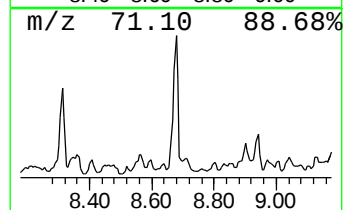
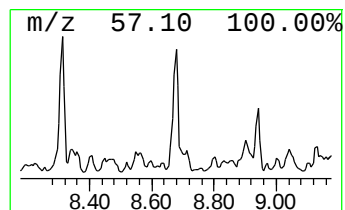
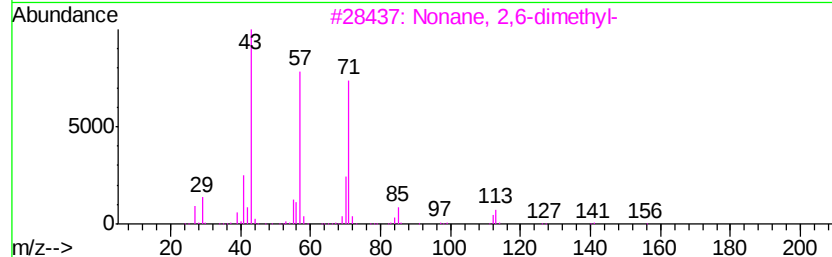
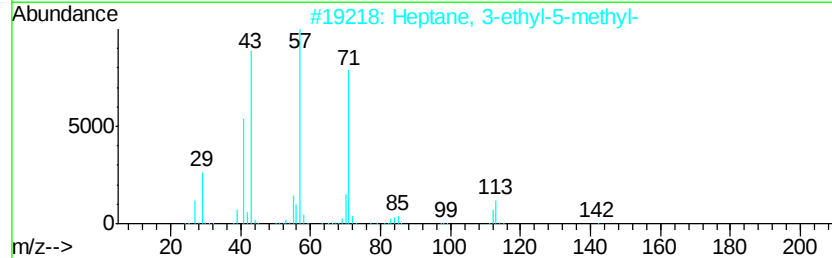
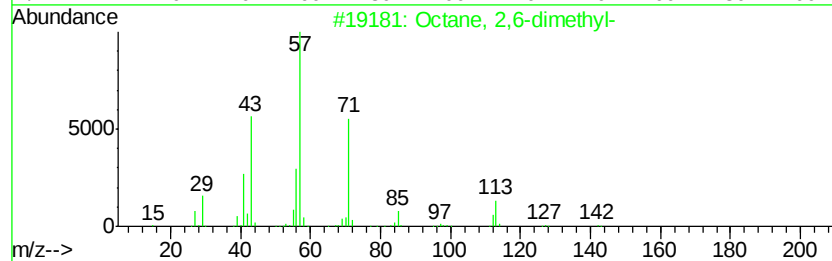
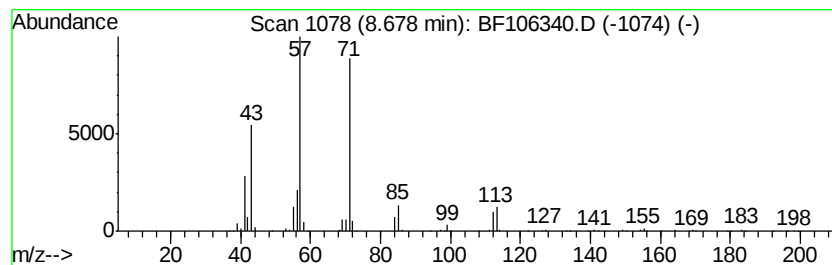
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	39.53 ng	3738550	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	80
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
4		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
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Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

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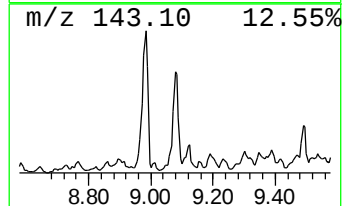
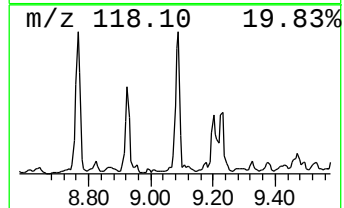
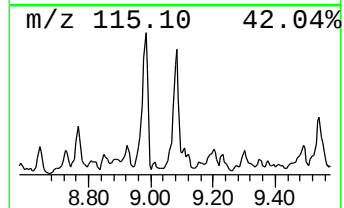
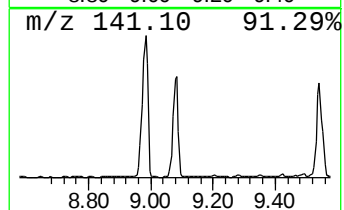
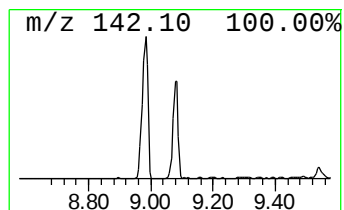
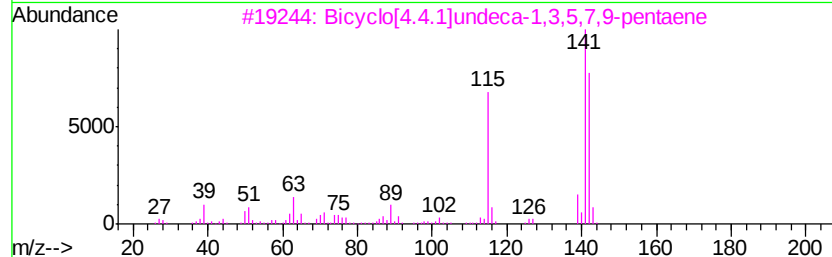
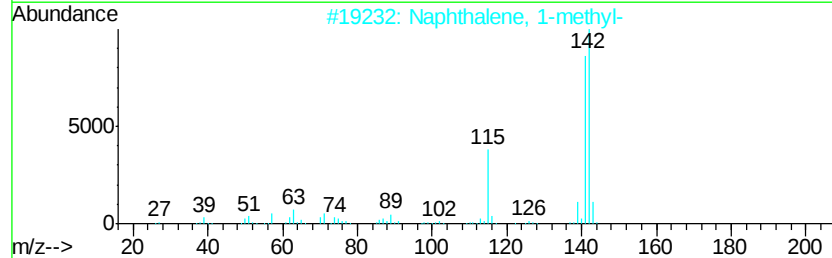
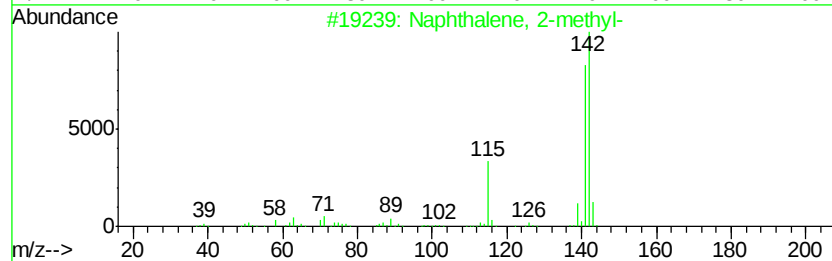
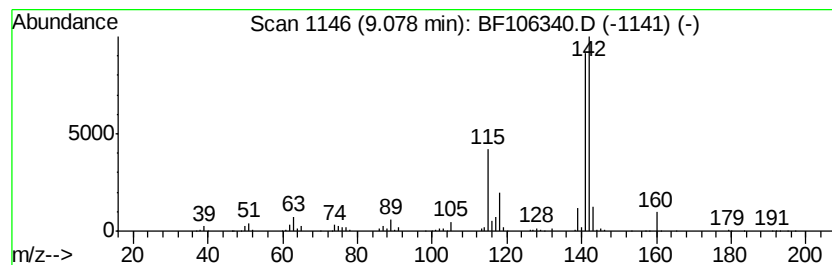
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	53.17 ng	5028990	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	92
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	76
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	70
5		Benzocycloheptatriene	142	C11H10	000264-09-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
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Sample : J3413-02
Misc :
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ClientSampleId :
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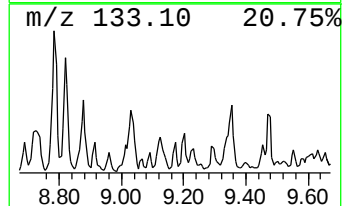
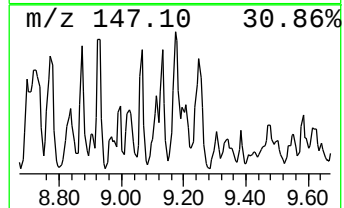
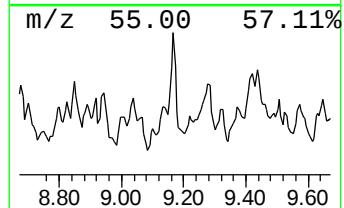
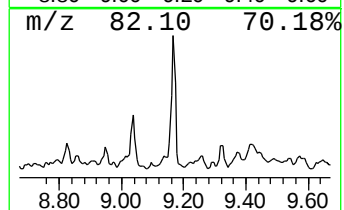
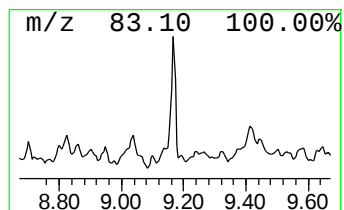
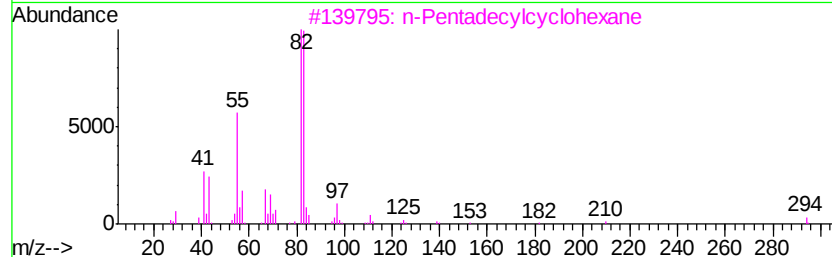
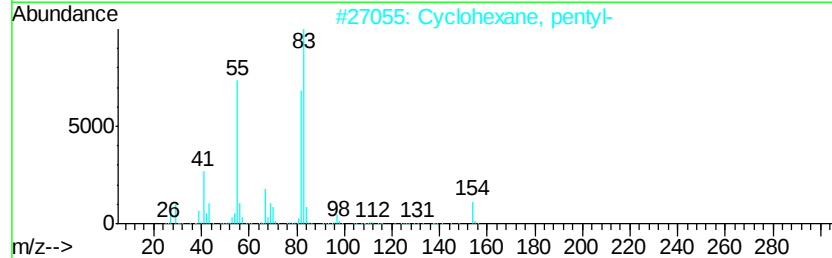
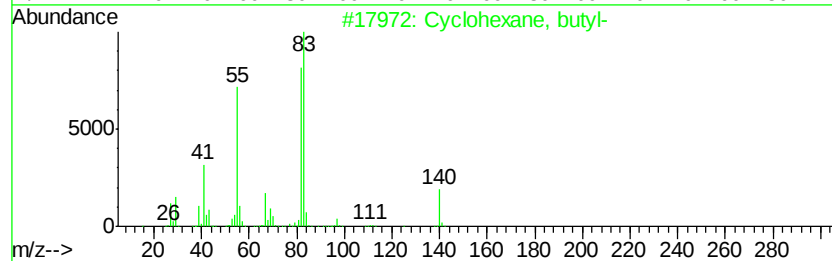
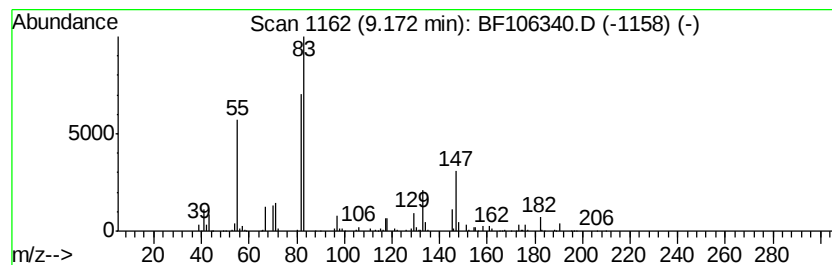
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	40.70 ng	2296550	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
3		n-Pentadecylcyclohexane	294	C21H42	006006-95-7	42
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	42
5		Cyclohexane, hexyl-	168	C12H24	004292-75-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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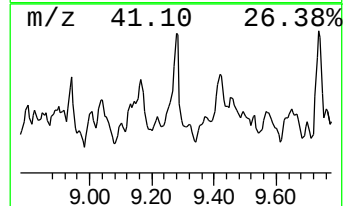
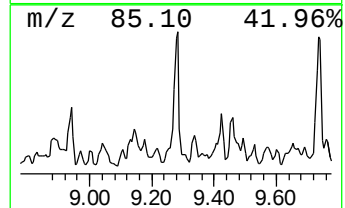
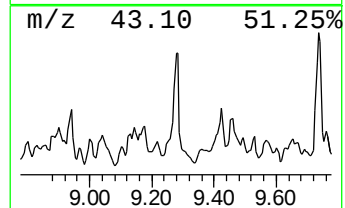
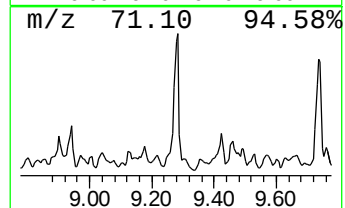
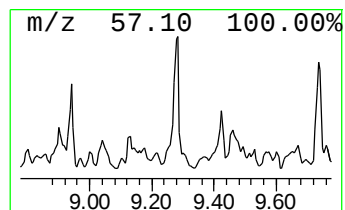
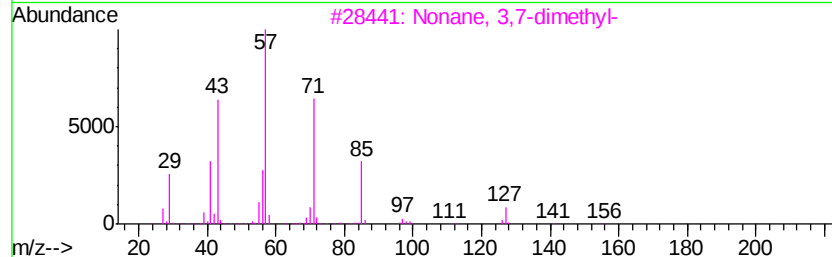
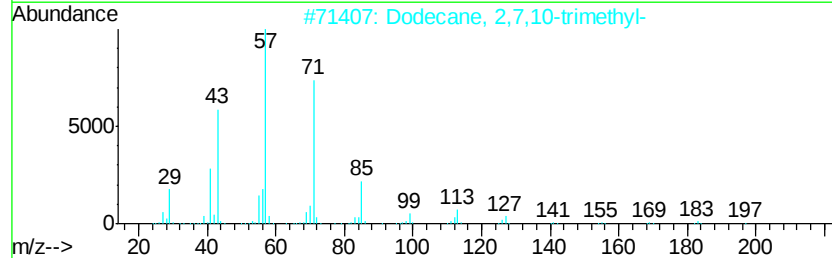
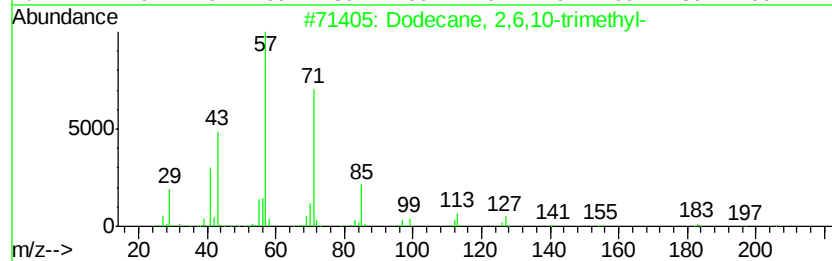
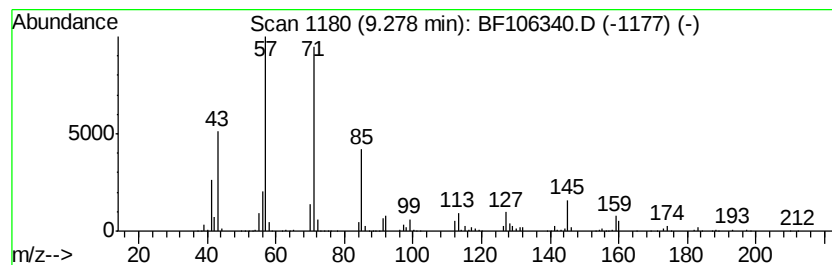
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	47.49 ng	2679750	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	53
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
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Misc :
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Instrument :
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ClientSampleId :
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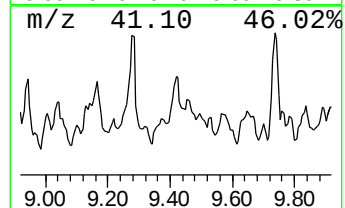
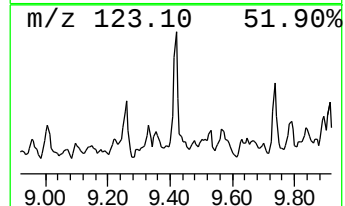
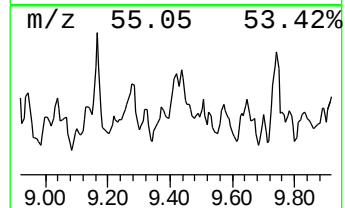
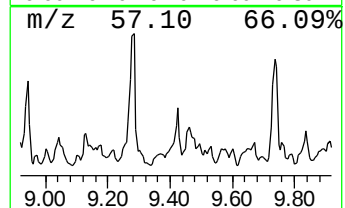
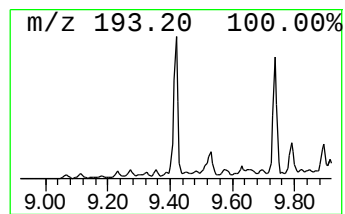
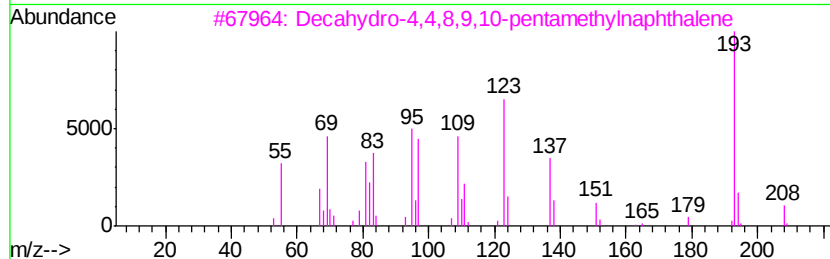
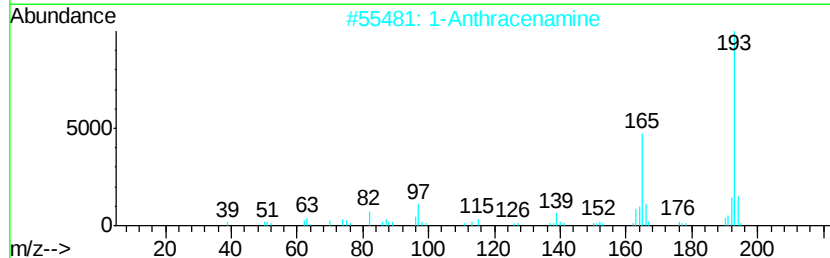
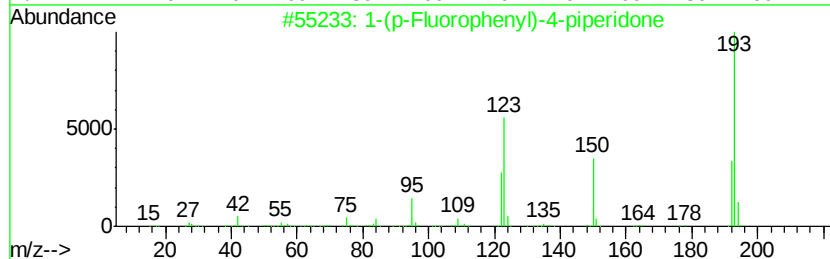
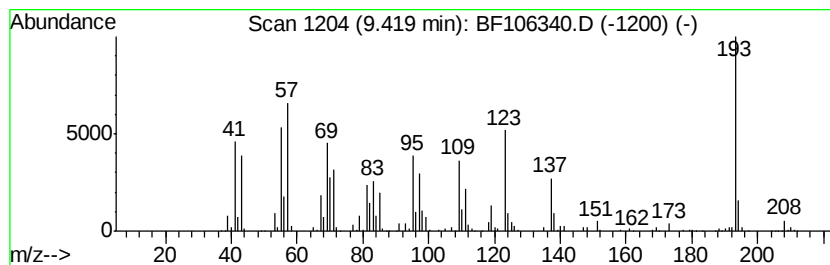
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	53.40 ng	3013340	Acenaphthene-d10	10.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
2		1-Anthracenamine	193	C14H11N	000610-49-1	27
3		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	27
4		9-Phenanthrenamine	193	C14H11N	000947-73-9	22
5		2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampled :
D-5

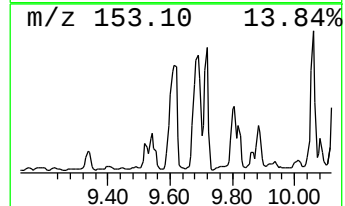
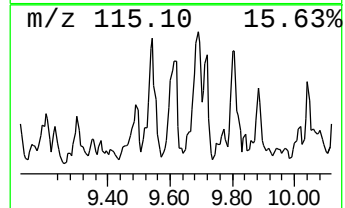
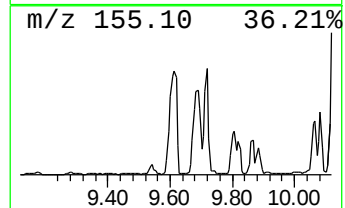
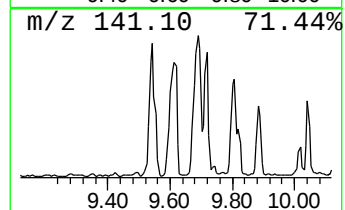
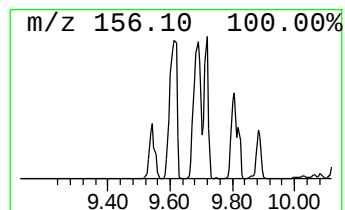
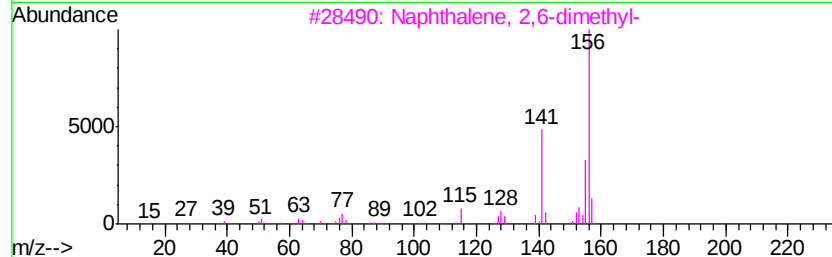
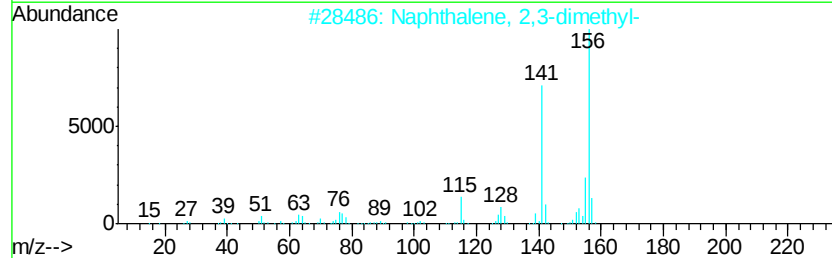
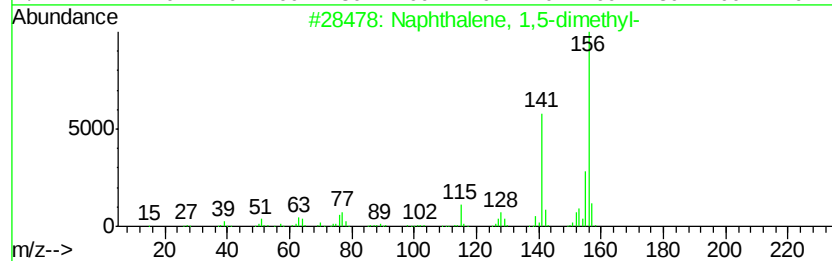
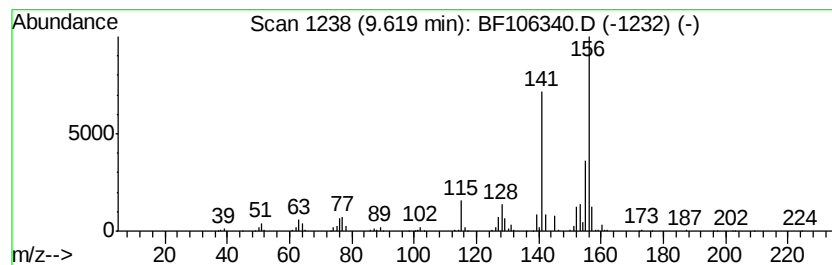
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	76.65 ng	4325330	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
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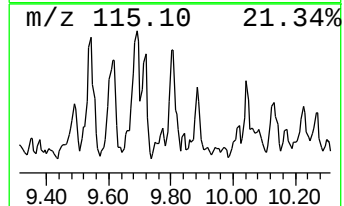
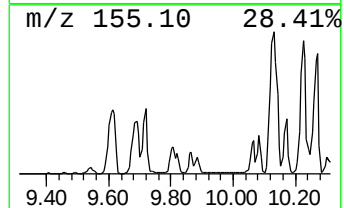
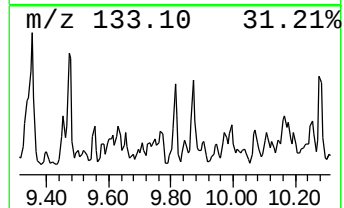
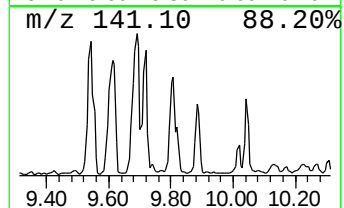
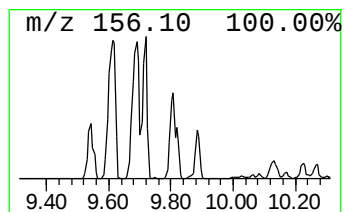
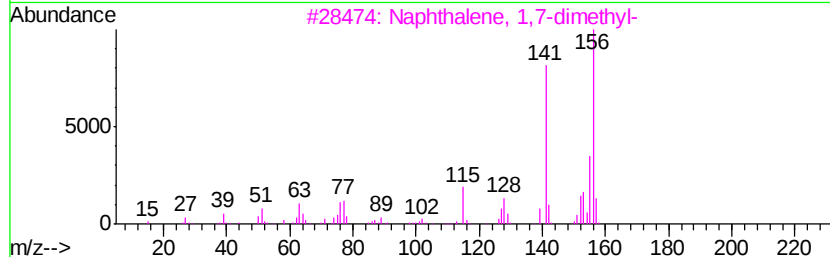
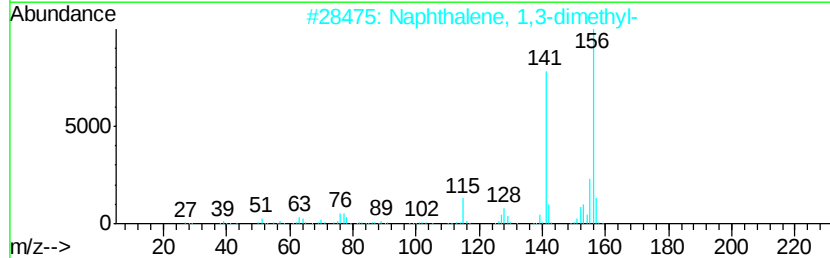
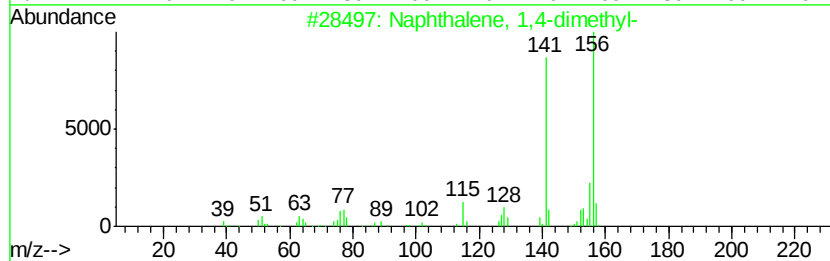
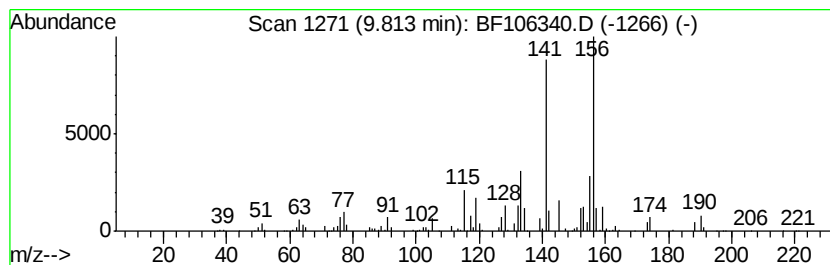
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	40.21 ng	2269320	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

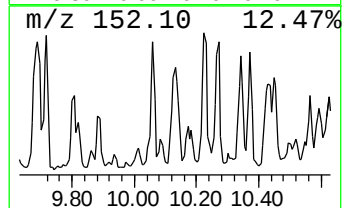
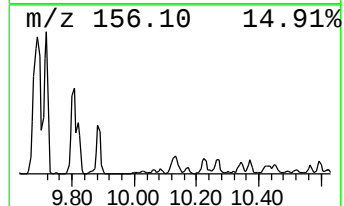
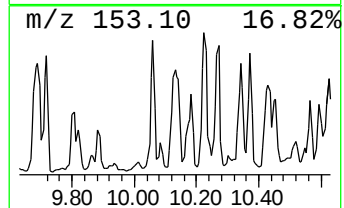
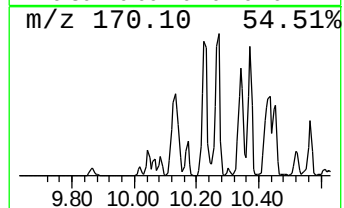
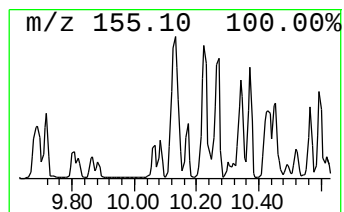
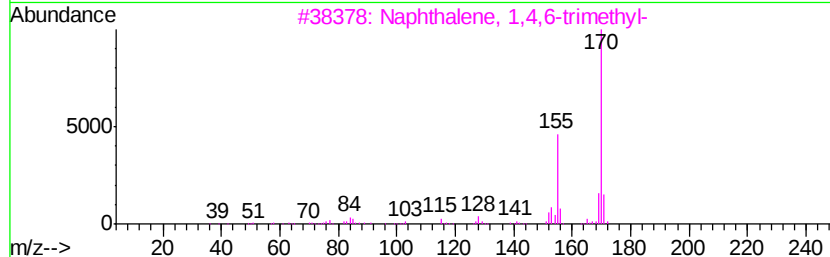
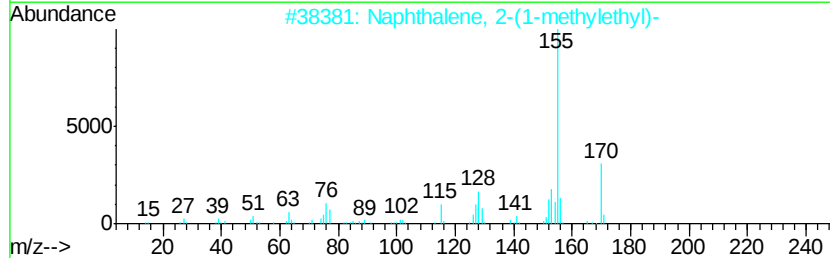
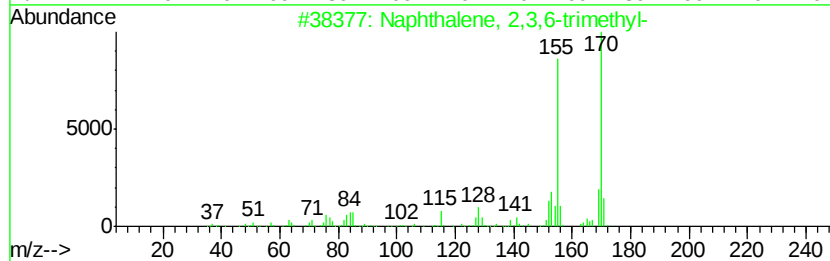
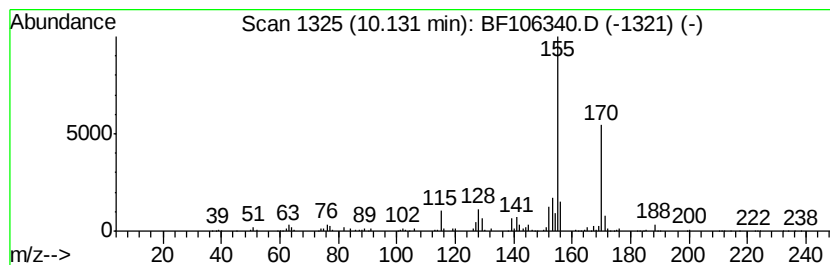
Instrument :
BNA_F
ClientSampleId :
D-5

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 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.13	61.41 ng	3465700	Acenaphthene-d10	10.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

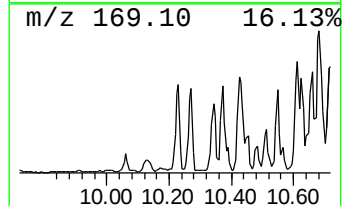
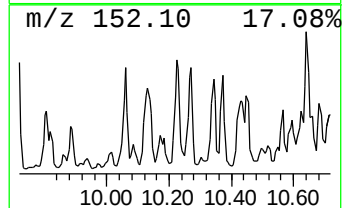
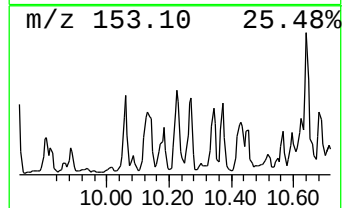
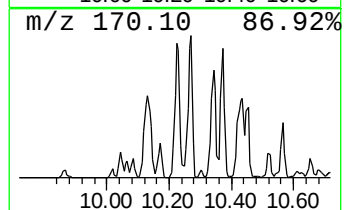
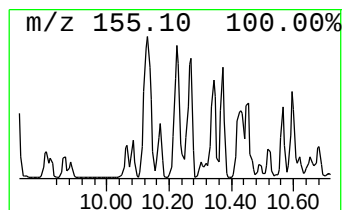
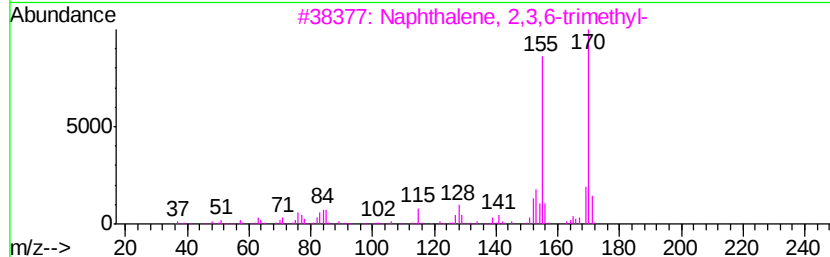
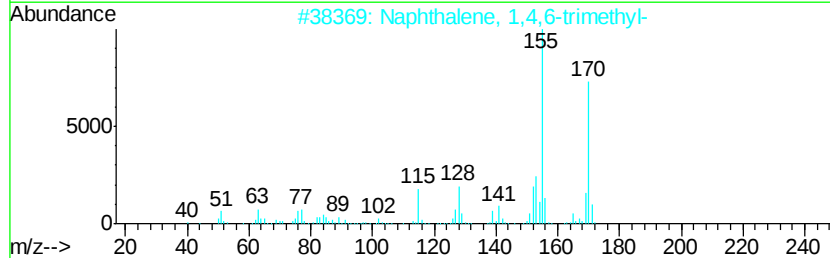
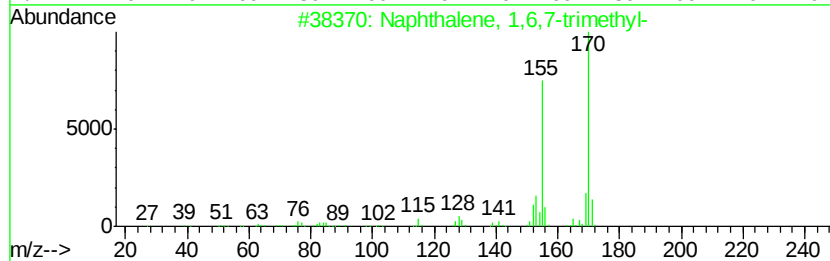
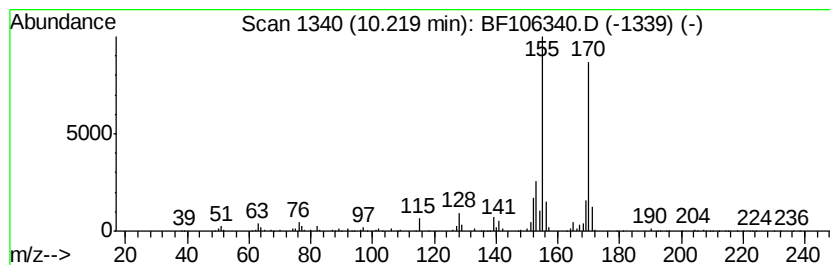
Instrument :
BNA_F
ClientSampleId :
D-5

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 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	40.31 ng	2275050	Acenaphthene-d10	10.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 95
2		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 95
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 93
4		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 87
5		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D-5

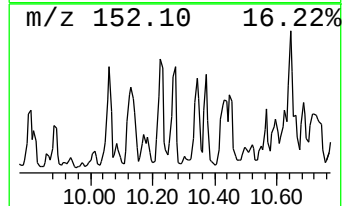
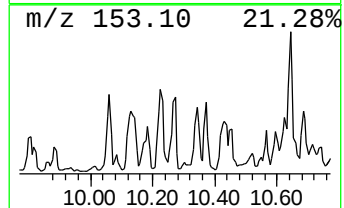
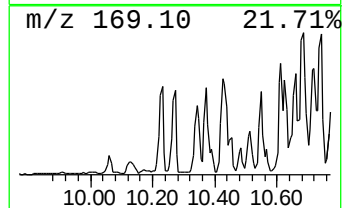
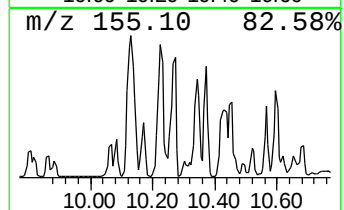
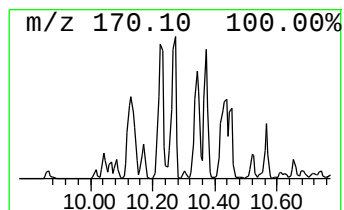
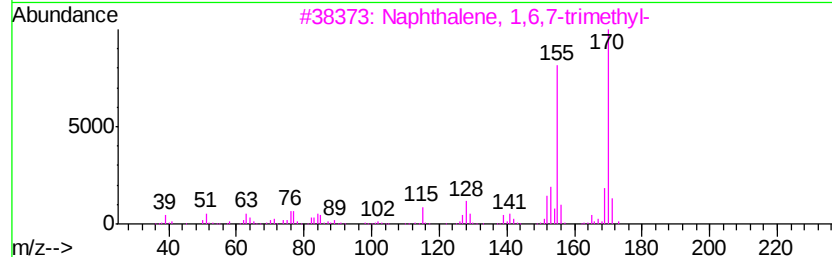
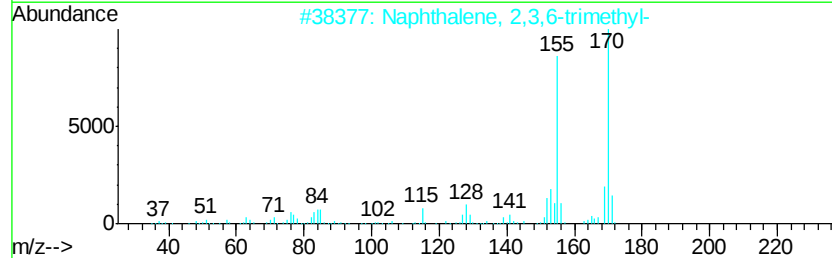
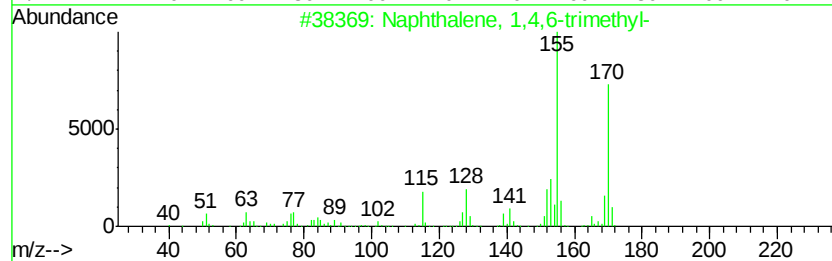
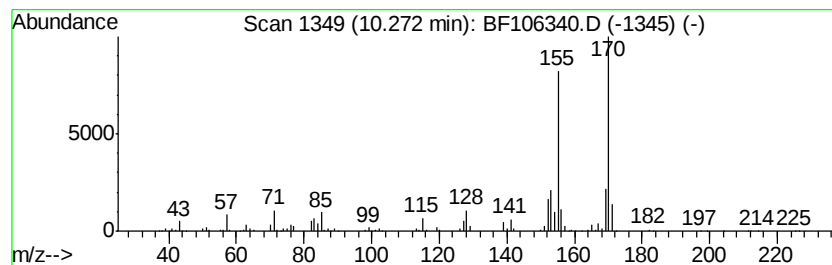
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	89.34 ng	5041730	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
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Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

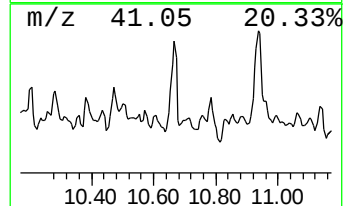
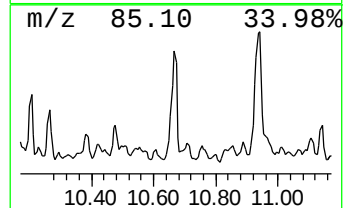
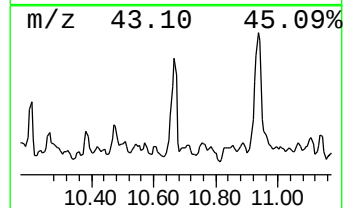
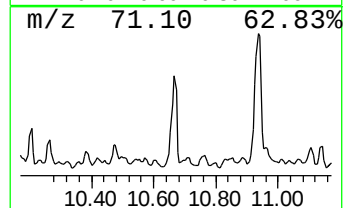
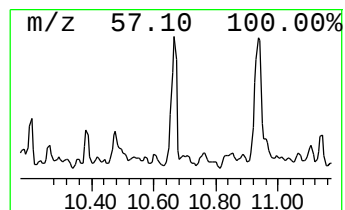
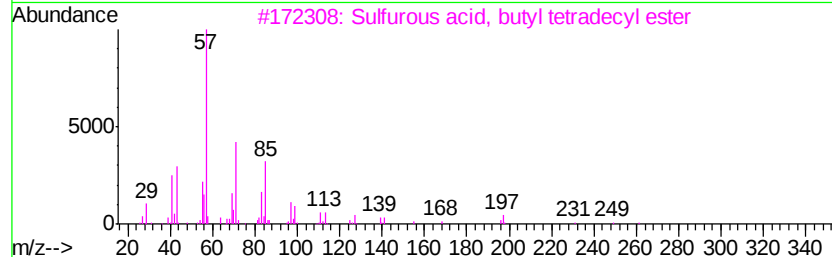
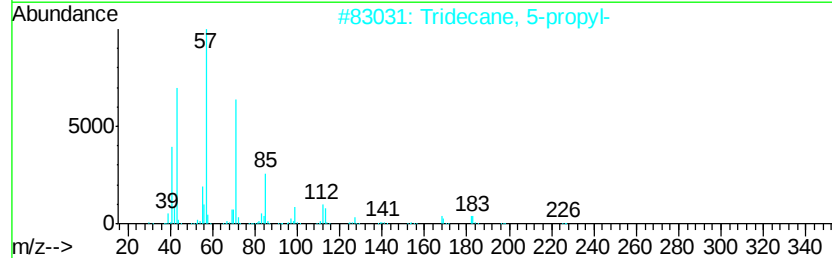
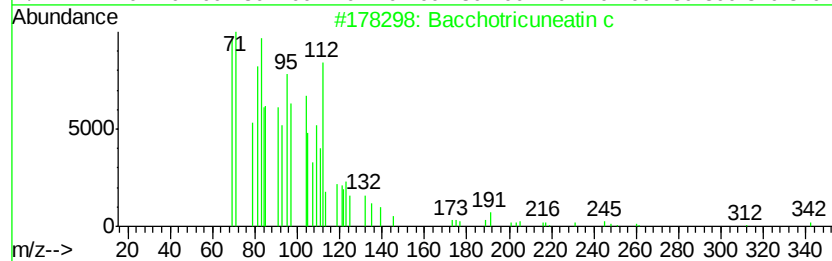
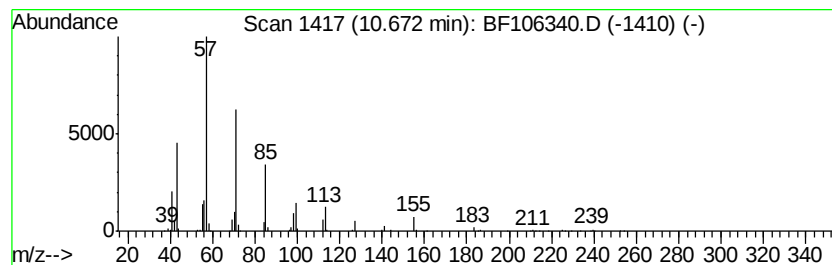
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BNA_F
ClientSampleId :
D-5

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 18 Bacchotricuneatin c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	110.71 ng	6247680	Acenaphthene-d10	10.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bacchotricuneatin c	342 C20H22O5	066563-30-2 87
2		Tridecane, 5-propyl-	226 C16H34	055045-11-9 74
3		Sulfurous acid, butyl tetradecyl...	334 C18H38O3S	1000309-18-1 72
4		Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9 64
5		Tetratetracontane	619 C44H90	007098-22-8 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106340.D
Acq On : 12 Jun 2018 13:21
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

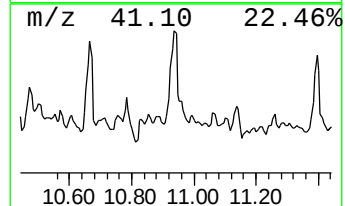
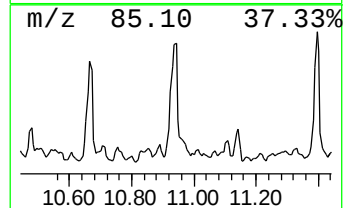
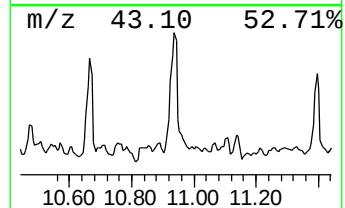
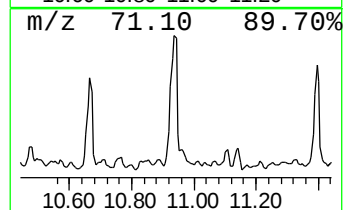
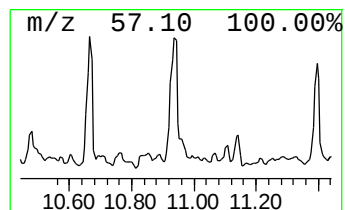
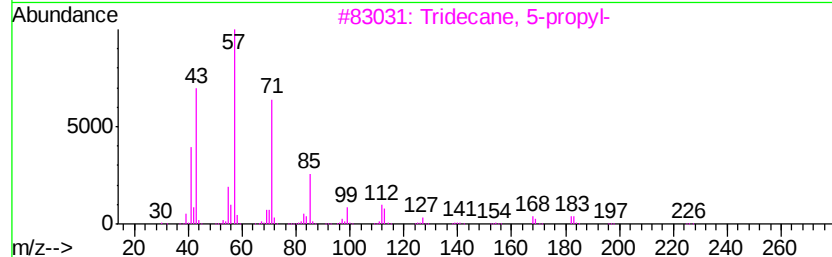
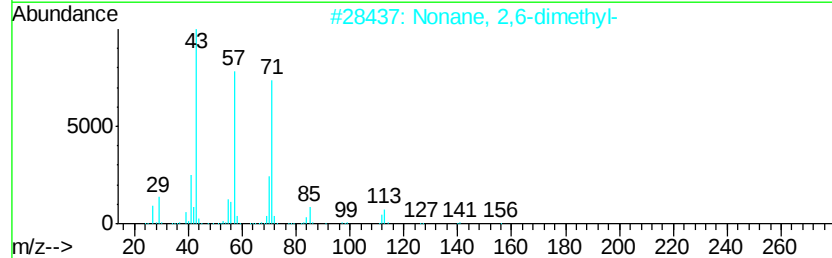
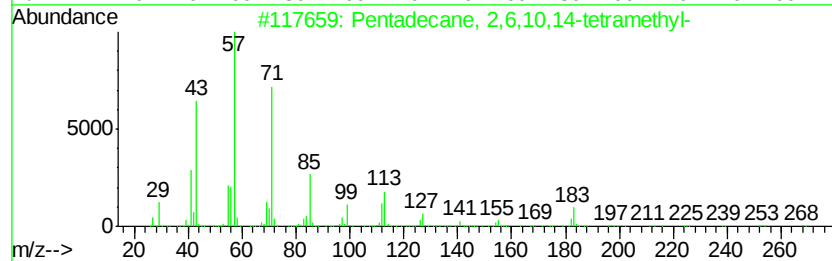
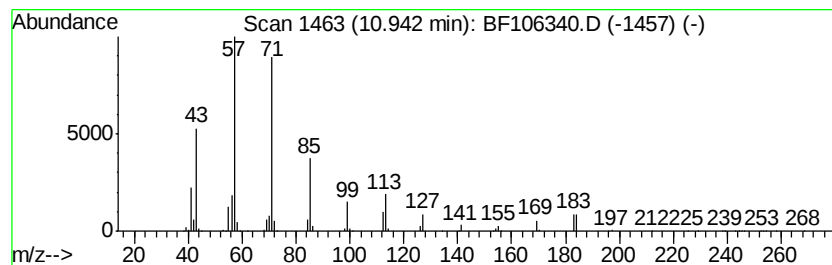
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	137.87 ng	6697350	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	68
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
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Acq On : 12 Jun 2018 13:21
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Sample : J3413-02
Misc :
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Instrument :
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ClientSampleId :
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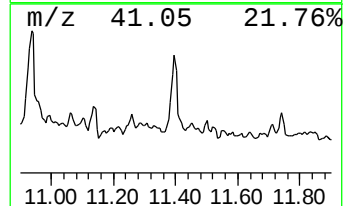
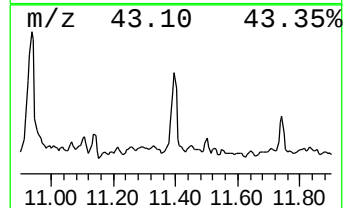
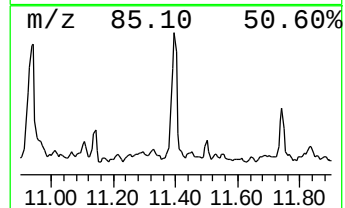
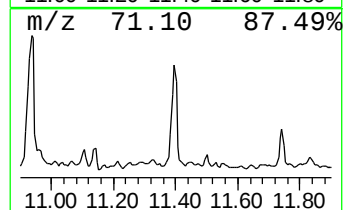
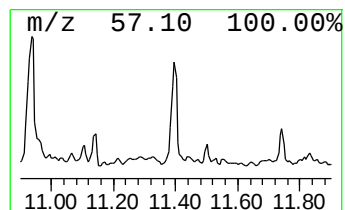
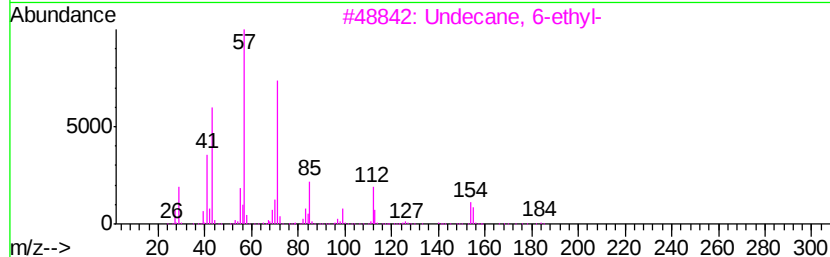
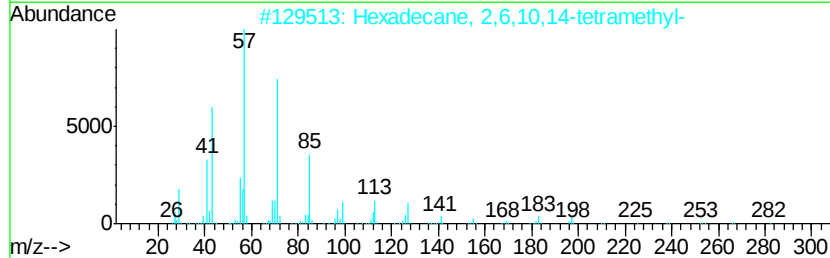
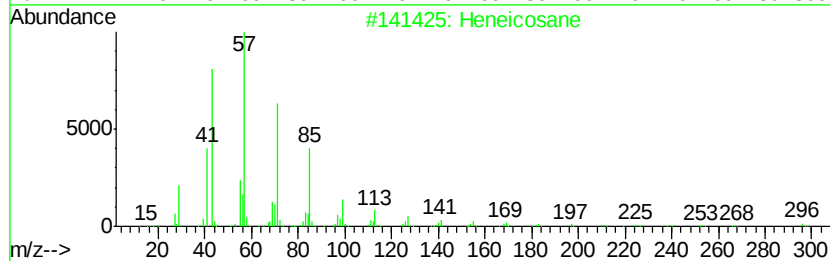
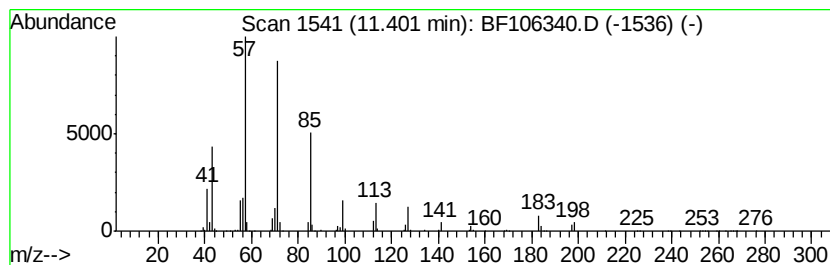
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	102.81 ng	4994310	Phenanthrene-d10	11.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	83
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	80
3	Undecane, 6-ethyl-		184	C13H28	017312-60-6	68
4	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	59
5	Nonane, 5-(2-methylpropyl)-		184	C13H28	062185-53-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061218\
 Data File : BF106340.D
 Acq On : 12 Jun 2018 13:21
 Operator : JU/SJ
 Sample : J3413-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5

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
1-Phenyl-1-butene	8.00	46.4	ng	4383490	2	8.26	1891550	20.0
Undecane, 2,6-dim...	8.31	58.2	ng	5501240	2	8.26	1891550	20.0
Cyclohexane, hexyl-	8.55	45.8	ng	4333440	2	8.26	1891550	20.0
Octane, 2,6-dimet...	8.68	39.5	ng	3738550	2	8.26	1891550	20.0
Naphthalene, 1-me...	9.08	53.2	ng	5028990	2	8.26	1891550	20.0
Cyclohexane, butyl-	9.17	40.7	ng	2296550	3	10.02	1128650	20.0
Dodecane, 2,6,10-...	9.28	47.5	ng	2679750	3	10.02	1128650	20.0
unknown9.42	9.42	53.4	ng	3013340	3	10.02	1128650	20.0
Naphthalene, 1,5-...	9.62	76.7	ng	4325330	3	10.02	1128650	20.0
Naphthalene, 1,4-...	9.81	40.2	ng	2269320	3	10.02	1128650	20.0
Naphthalene, 2,3,...	10.13	61.4	ng	3465700	3	10.02	1128650	20.0
Naphthalene, 1,6,...	10.22	40.3	ng	2275050	3	10.02	1128650	20.0
Naphthalene, 1,4,...	10.27	89.3	ng	5041730	3	10.02	1128650	20.0
Bacchotricuneatin c	10.67	110.7	ng	6247680	3	10.02	1128650	20.0
Pentadecane, 2,6,...	10.94	137.9	ng	6697350	4	11.51	971582	20.0
Heneicosane	11.40	102.8	ng	4994310	4	11.51	971582	20.0