

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113134.D
 Acq On : 19 Mar 2019 19:15
 Operator : JU/SJ
 Sample : K1935-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(6-7)

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-BF022719.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	5.340	547	553	557	rBV	3042836	3326793	68.70%	3.067%
2	5.975	658	661	664	rVV2	275382	277399	5.73%	0.256%
3	6.169	687	694	697	rBV	210061	251514	5.19%	0.232%
4	6.375	723	729	732	rBV	3147602	3543081	73.17%	3.266%
5	6.498	742	750	753	rBV	3723198	3755942	77.56%	3.463%
6	6.722	785	788	791	rVV	1275670	1049957	21.68%	0.968%
7	6.751	791	793	796	rVB	466434	352618	7.28%	0.325%
8	6.792	796	800	803	rBV	221989	253866	5.24%	0.234%
9	6.851	807	810	812	rVV	207207	201868	4.17%	0.186%
10	6.881	812	815	818	rVV	3363095	2949829	60.92%	2.720%
11	7.010	833	837	840	rVB2	246678	293337	6.06%	0.270%
12	7.039	840	842	845	rVB	211123	175512	3.62%	0.162%
13	7.081	845	849	852	rBV3	154524	222450	4.59%	0.205%
14	7.122	853	856	858	rBV	262545	216200	4.46%	0.199%
15	7.286	874	884	886	rBV2	2349912	2726058	56.29%	2.513%
16	7.310	886	888	890	rVV	303557	230237	4.75%	0.212%
17	7.381	894	900	903	rVB4	296663	502464	10.38%	0.463%
18	7.445	903	911	915	rBV3	397181	751882	15.53%	0.693%
19	7.492	915	919	921	rBV4	212392	268183	5.54%	0.247%
20	7.516	921	923	925	rBV	220815	208666	4.31%	0.192%
21	7.633	936	943	947	rBV2	651201	1043494	21.55%	0.962%
22	7.704	950	955	958	rBV2	452470	633083	13.07%	0.584%
23	7.733	958	960	963	rVB	249478	193798	4.00%	0.179%
24	7.775	963	967	970	rBV2	282734	357927	7.39%	0.330%
25	7.839	975	978	981	rVB2	248703	253663	5.24%	0.234%
26	7.881	981	985	987	rBV3	169097	213735	4.41%	0.197%
27	7.951	994	997	998	rBV	429824	361813	7.47%	0.334%
28	7.969	998	1000	1002	rVB	465840	317171	6.55%	0.292%
29	8.004	1002	1006	1009	rBV	1208786	1253895	25.89%	1.156%
30	8.086	1014	1020	1022	rVB	1784823	1674627	34.58%	1.544%
31	8.110	1022	1024	1026	rBV3	403996	358663	7.41%	0.331%
32	8.180	1031	1036	1038	rBV	403798	646574	13.35%	0.596%
33	8.251	1046	1048	1051	rVB3	296924	246998	5.10%	0.228%
34	8.310	1052	1058	1061	rVV2	1270793	1818866	37.56%	1.677%

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35	8.363	1065	1067	1070	rVB3	561339	474599	9.80%	0.438%
36	8.404	1071	1074	1077	rBV3	414299	456578	9.43%	0.421%
37	8.445	1077	1081	1085	rBV	2327556	2565017	52.97%	2.365%
38	8.480	1085	1087	1090	rVB2	444190	386230	7.98%	0.356%
39	8.516	1091	1093	1096	rVB3	167790	171986	3.55%	0.159%
40	8.575	1101	1103	1106	rVB2	253155	176210	3.64%	0.162%
41	8.610	1106	1109	1110	rBV	696330	625296	12.91%	0.576%
42	8.651	1114	1116	1118	rVV2	544413	678048	14.00%	0.625%
43	8.675	1118	1120	1122	rVV	693131	728056	15.03%	0.671%
44	8.710	1122	1126	1129	rVB3	1299131	1644733	33.96%	1.516%
45	8.739	1129	1131	1132	rBV	297263	258429	5.34%	0.238%
46	8.810	1140	1143	1144	rBV	351552	340670	7.03%	0.314%
47	8.828	1144	1146	1151	rVB4	648837	668981	13.81%	0.617%
48	8.875	1151	1154	1155	rBV2	484447	439013	9.07%	0.405%
49	8.898	1155	1158	1159	rVV2	599973	607010	12.54%	0.560%
50	8.928	1159	1163	1167	rVV	1611928	1752796	36.20%	1.616%
51	8.986	1170	1173	1176	rVV3	422863	486353	10.04%	0.448%
52	9.022	1176	1179	1180	rVV2	390825	411993	8.51%	0.380%
53	9.045	1180	1183	1185	rVV	2704396	2374309	49.03%	2.189%
54	9.086	1185	1190	1193	rVB	3172153	3101382	64.04%	2.859%
55	9.151	1199	1201	1203	rBV2	327375	313044	6.46%	0.289%
56	9.192	1205	1208	1210	rVB2	827889	797668	16.47%	0.735%
57	9.292	1221	1225	1228	rVB2	748839	952859	19.68%	0.878%
58	9.339	1228	1233	1235	rBV4	636406	940406	19.42%	0.867%
59	9.369	1235	1238	1240	rVB	701685	571681	11.81%	0.527%
60	9.398	1240	1243	1244	rBV2	397679	367644	7.59%	0.339%
61	9.504	1254	1261	1263	rBV2	3573149	4022240	83.06%	3.708%
62	9.527	1263	1265	1267	rVB3	637239	526605	10.87%	0.485%
63	9.675	1288	1290	1293	rVB2	604511	598252	12.35%	0.552%
64	9.704	1293	1295	1297	rBV3	323973	385201	7.95%	0.355%
65	9.745	1300	1302	1303	rBV	1150194	950268	19.62%	0.876%
66	9.792	1308	1310	1311	rBV2	458741	302073	6.24%	0.278%
67	9.810	1311	1313	1315	rBV	353397	223739	4.62%	0.206%
68	9.933	1331	1334	1337	rBV4	529668	607443	12.54%	0.560%
69	9.969	1337	1340	1342	rVB2	724426	545170	11.26%	0.503%
70	10.033	1348	1351	1356	rVB	1903331	1700736	35.12%	1.568%
71	10.304	1395	1397	1399	rBV2	562139	581341	12.00%	0.536%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	10.327	1399	1401	1404	rVB2	722107	773205	15.97%	0.713%
73	10.427	1414	1418	1421	rVB	2609374	2919320	60.29%	2.691%
74	10.551	1434	1439	1442	rBV2	1292461	1790966	36.98%	1.651%
75	10.698	1458	1464	1471	rBV	3572466	4842510	100.00%	4.464%
76	11.157	1539	1542	1545	rVB	2009047	2070703	42.76%	1.909%
77	11.204	1548	1550	1554	rVV2	903752	840895	17.36%	0.775%
78	11.245	1555	1557	1559	rVB	580026	390668	8.07%	0.360%
79	11.269	1559	1561	1567	rBV3	601205	634984	13.11%	0.585%
80	11.469	1593	1595	1598	rBV2	582431	684112	14.13%	0.631%
81	11.510	1599	1602	1605	rVV3	1484345	1881320	38.85%	1.734%
82	11.545	1606	1608	1611	rVB	960882	794503	16.41%	0.732%
83	11.645	1622	1625	1628	rVB2	2238433	2213668	45.71%	2.041%
84	11.745	1639	1642	1645	rVB2	817900	859296	17.74%	0.792%
85	11.839	1655	1658	1662	rBV2	1804266	1987197	41.04%	1.832%
86	11.880	1662	1665	1667	rVB2	742267	672970	13.90%	0.620%
87	11.945	1672	1676	1682	rBV3	1395040	2094970	43.26%	1.931%
88	11.998	1682	1685	1689	rVV3	2048877	2887826	59.63%	2.662%
89	12.039	1689	1692	1698	rVV2	2573634	3085837	63.72%	2.845%
90	12.092	1698	1701	1702	rVV	898207	846363	17.48%	0.780%
91	12.116	1702	1705	1712	rVB	2656902	2899569	59.88%	2.673%
92	12.280	1729	1733	1738	rBV	2173698	2570196	53.08%	2.370%
93	12.357	1744	1746	1748	rBV2	560113	578082	11.94%	0.533%
94	12.504	1768	1771	1773	rVB4	977743	983325	20.31%	0.907%
95	12.557	1777	1780	1783	rBV	660770	690339	14.26%	0.636%
96	12.639	1792	1794	1797	rVB	711146	640477	13.23%	0.590%
97	12.804	1819	1822	1824	rBV	1798765	1717404	35.47%	1.583%
98	12.827	1824	1826	1829	rVB	1910666	1646562	34.00%	1.518%
99	12.968	1848	1850	1853	rVB	595666	433913	8.96%	0.400%
100	15.286	2242	2244	2248	rVB	355283	371101	7.66%	0.342%

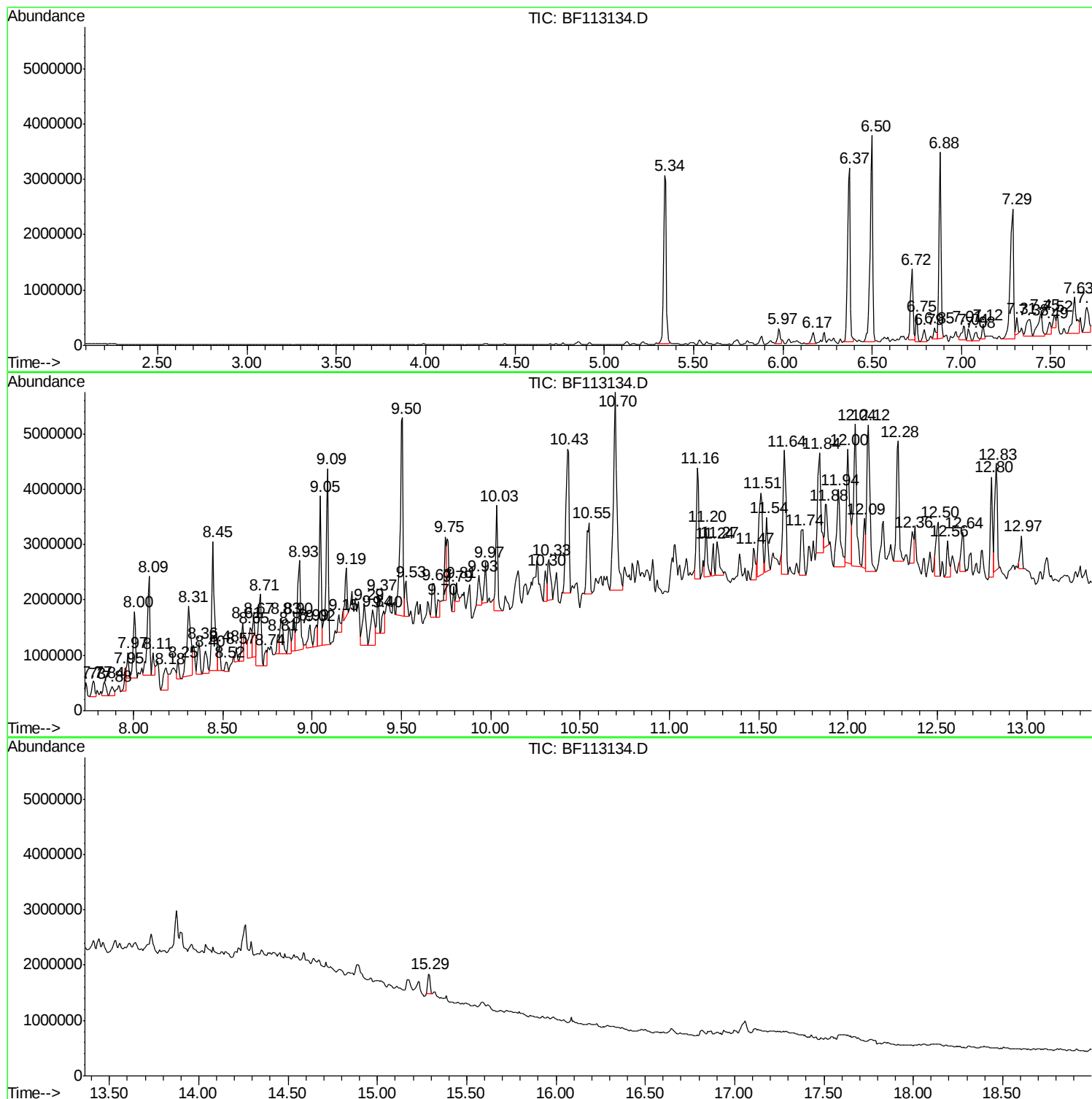
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Instrument :
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ClientSampled :
SB-7(6-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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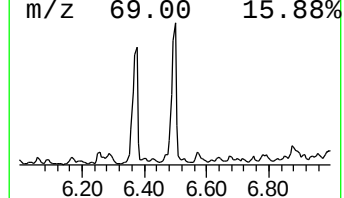
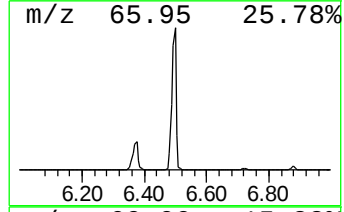
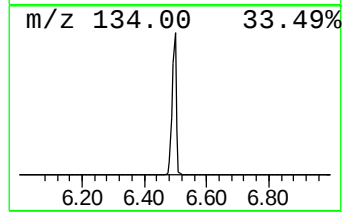
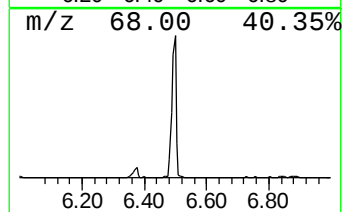
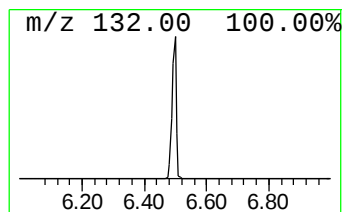
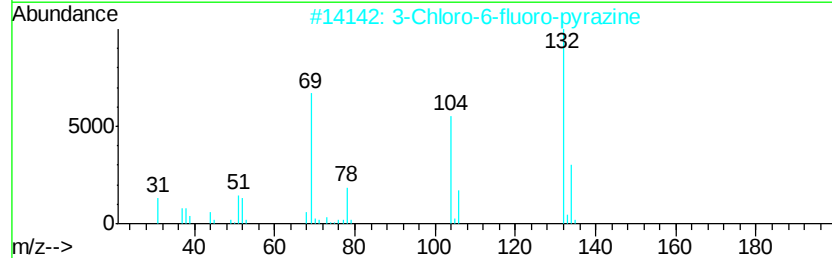
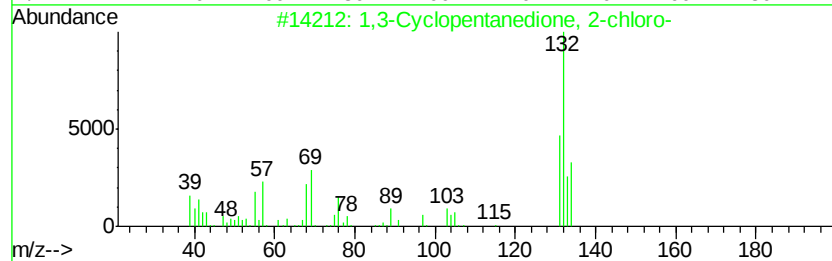
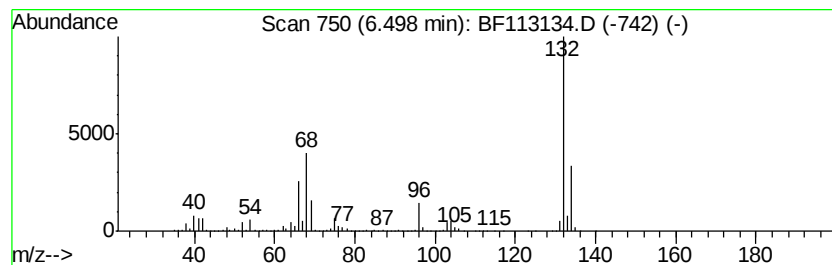
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.50 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	71.54 ng	3755940	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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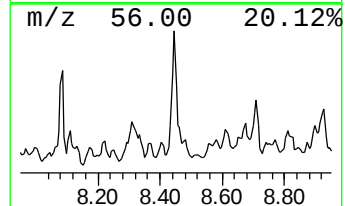
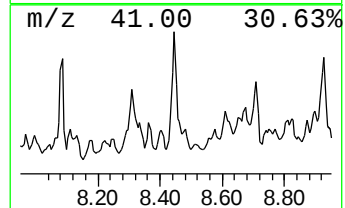
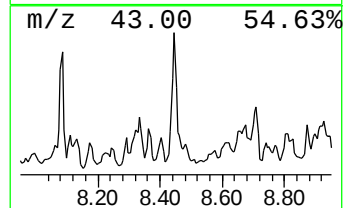
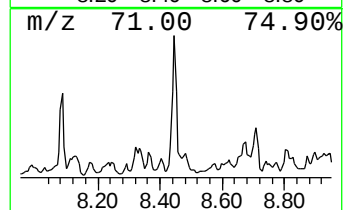
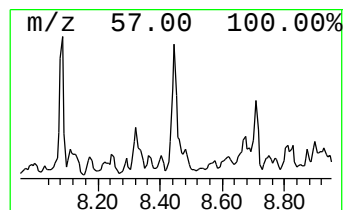
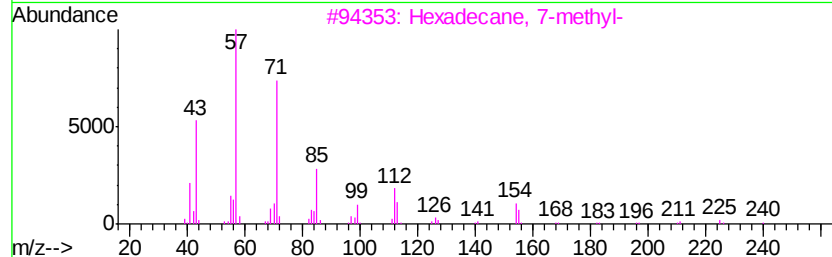
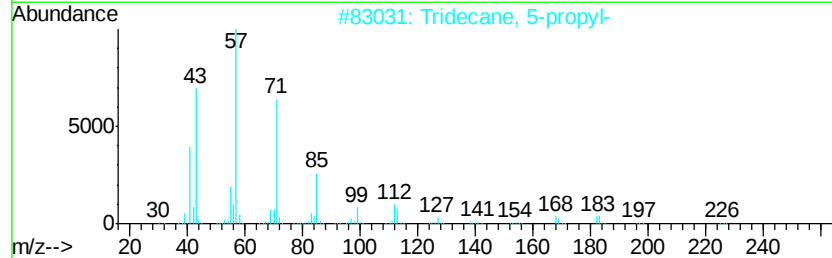
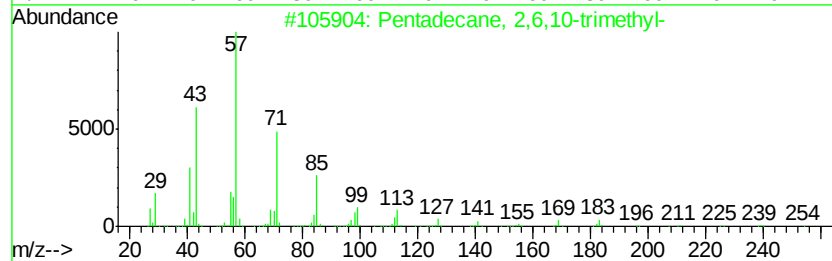
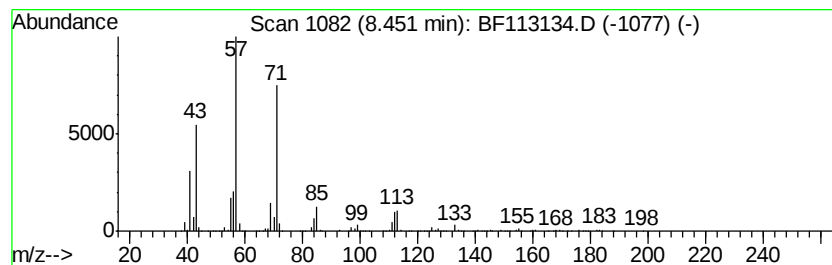
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	40.91 ng	2565020	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
4		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	72
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



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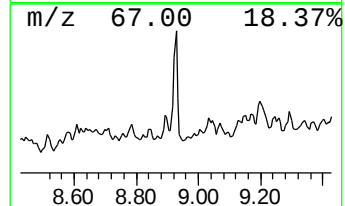
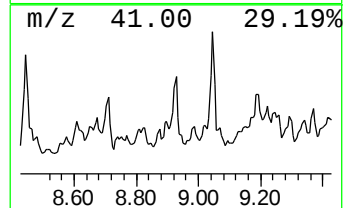
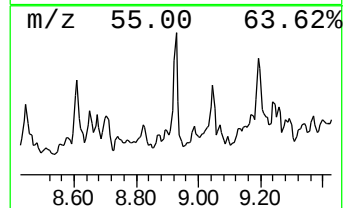
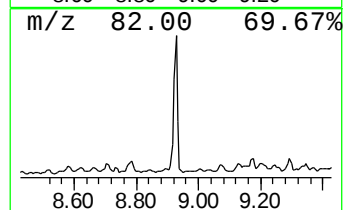
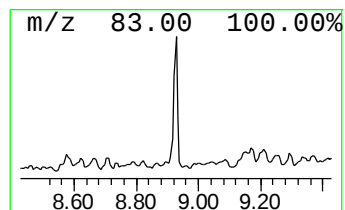
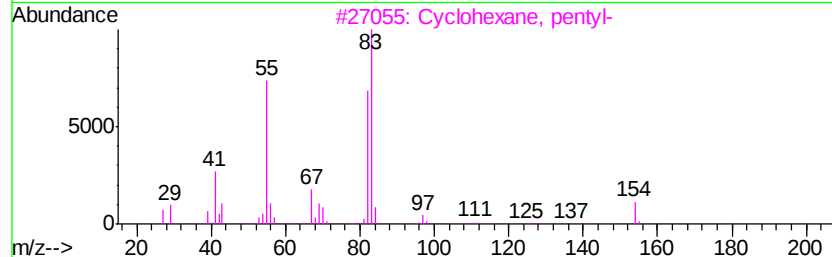
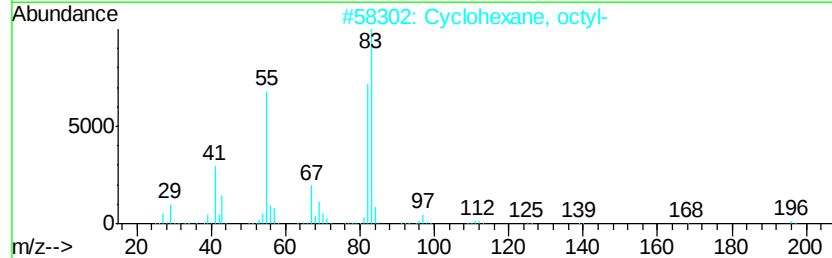
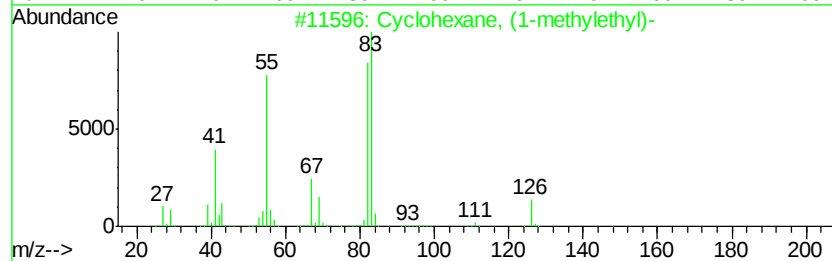
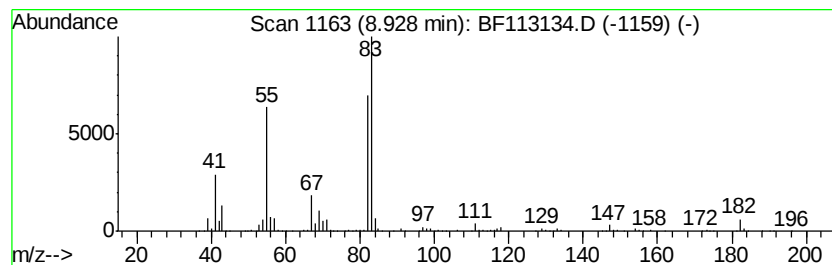
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	36.89 ng	1752800	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	78
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5		Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
Sample : K1935-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7(6-7)

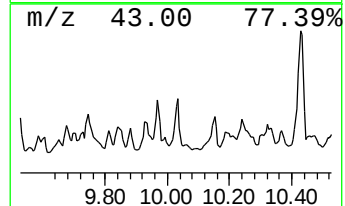
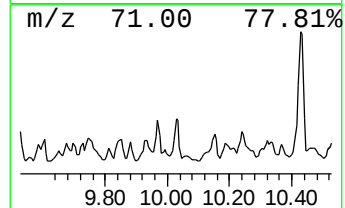
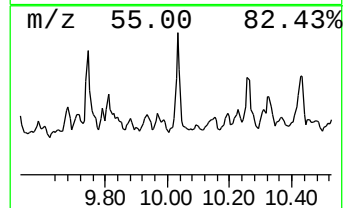
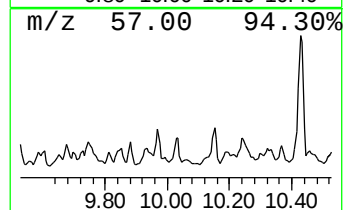
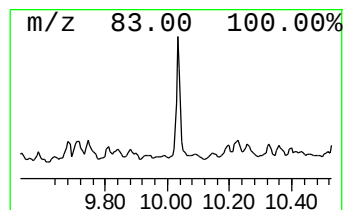
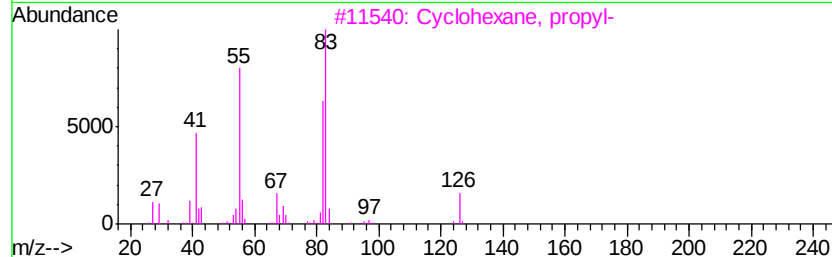
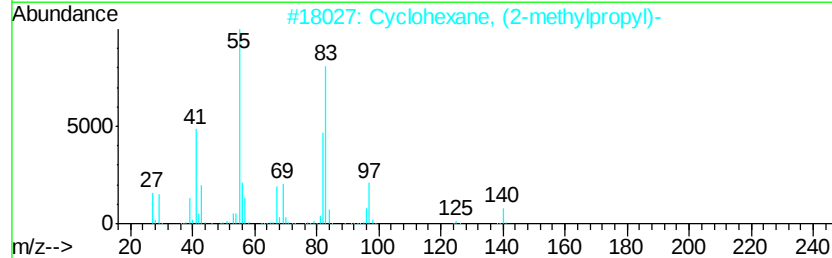
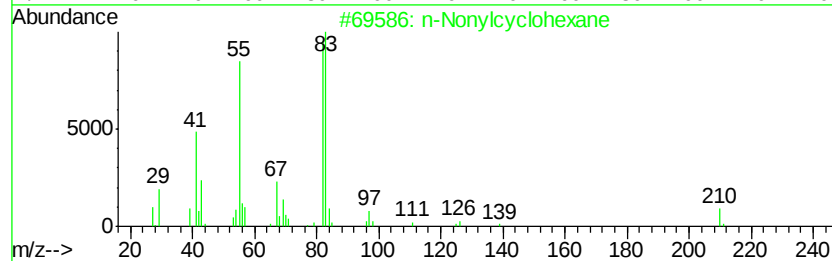
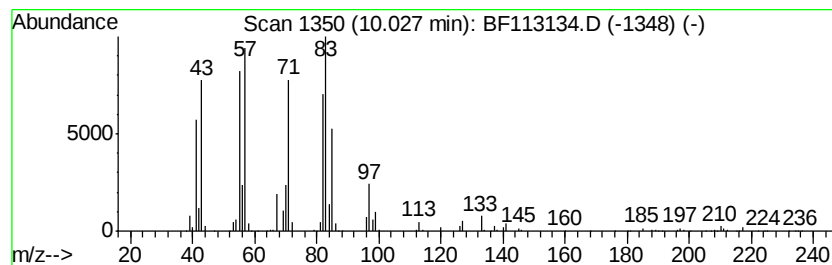
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Nonylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	35.79 ng	1700740	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonylcyclohexane	210	C15H30	002883-02-5	68
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	62
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
5		Heptylcyclohexane	182	C13H26	005617-41-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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ClientSampleId :
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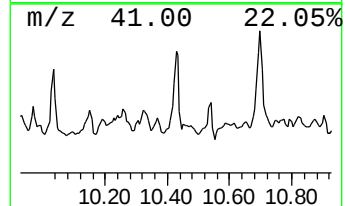
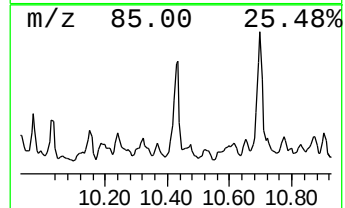
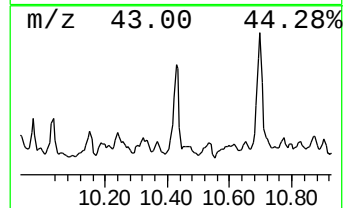
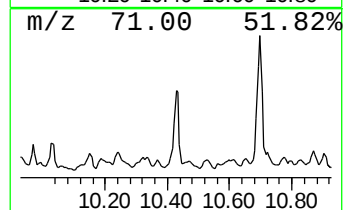
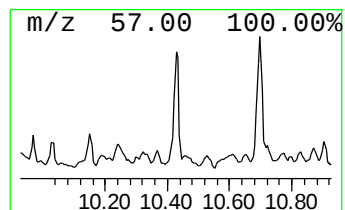
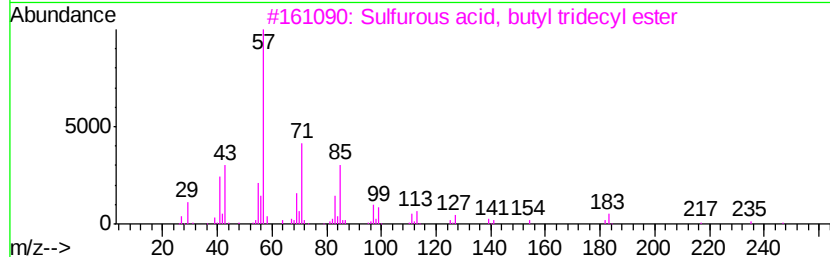
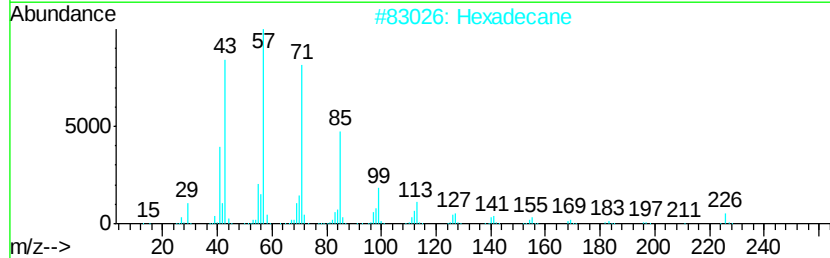
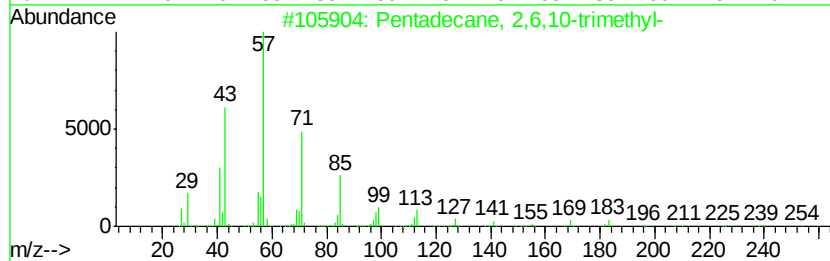
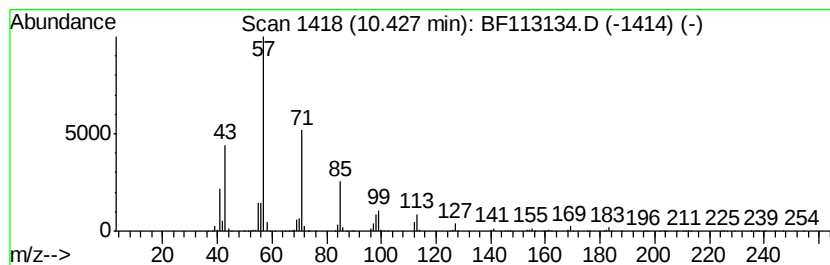
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	61.44 ng	2919320	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	78
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113134.D
 Acq On : 19 Mar 2019 19:15
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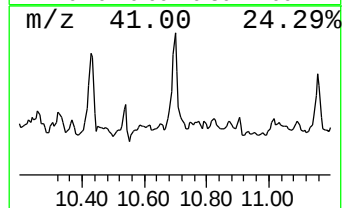
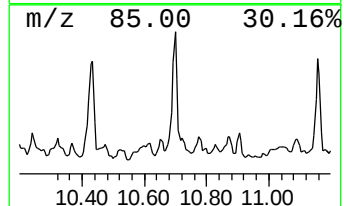
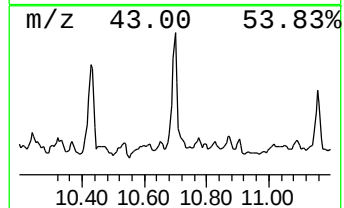
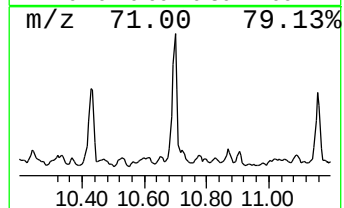
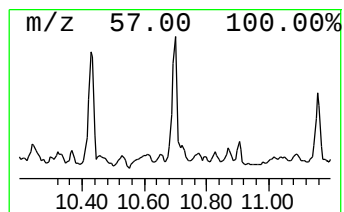
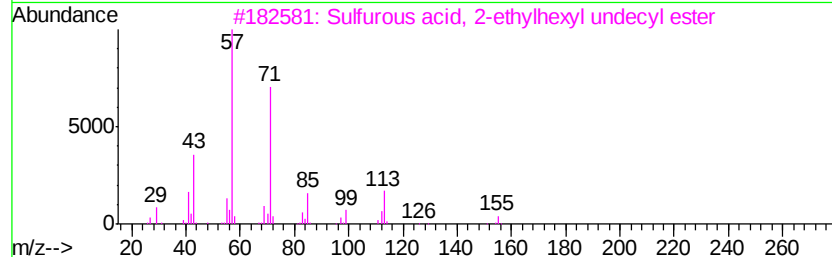
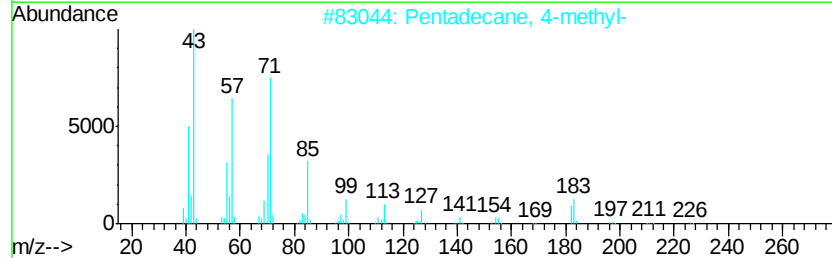
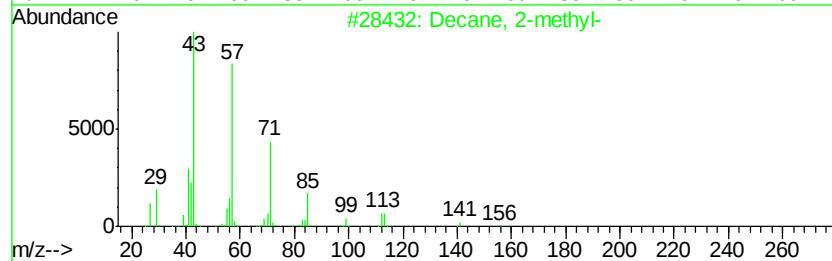
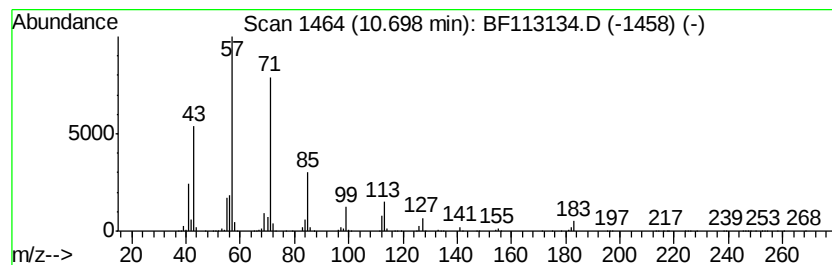
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Decane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	247.91 ng	4842510	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	86
2		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	83
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
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SB-7(6-7)

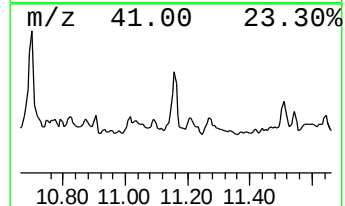
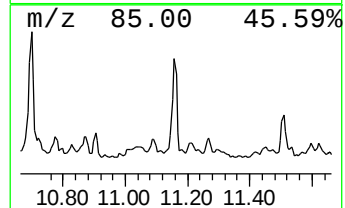
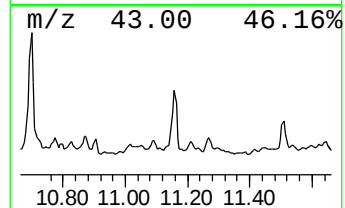
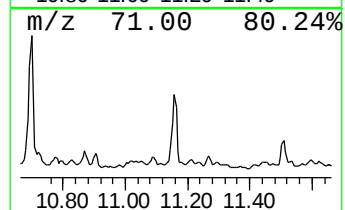
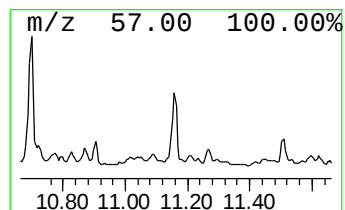
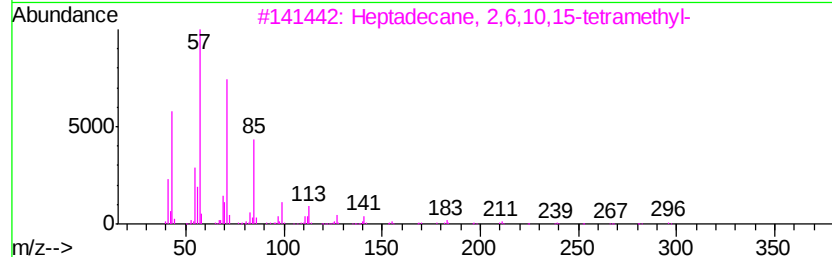
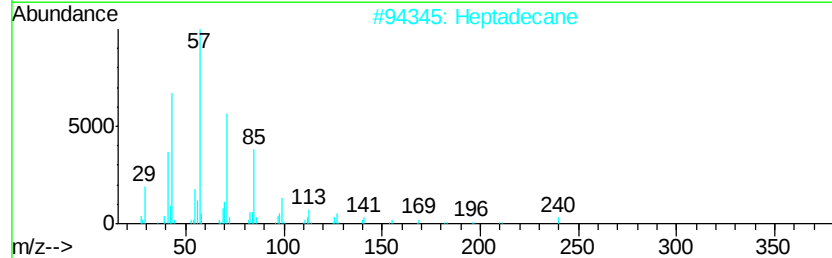
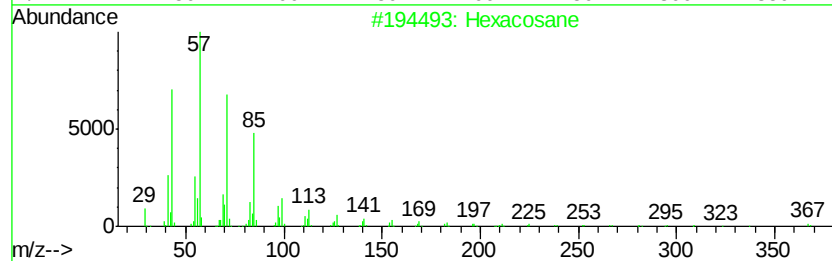
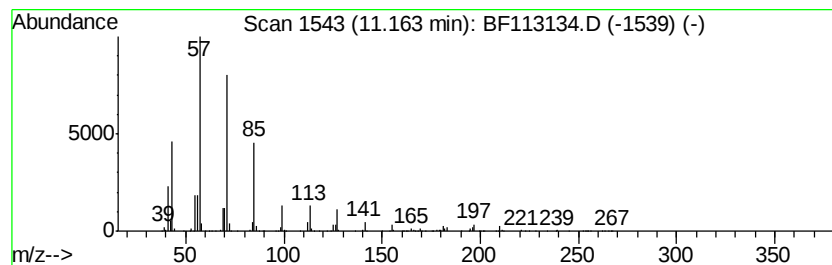
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	106.01 ng	2070700	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		Tritetracontane	605	C43H88	007098-21-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7(6-7)

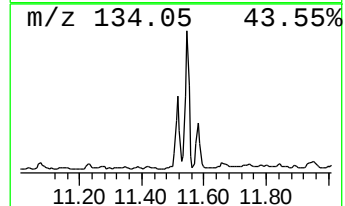
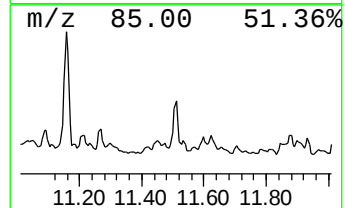
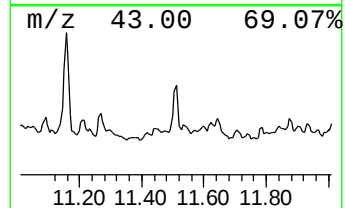
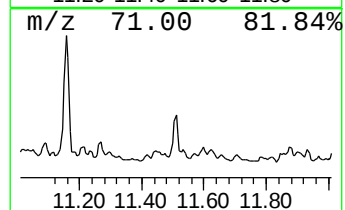
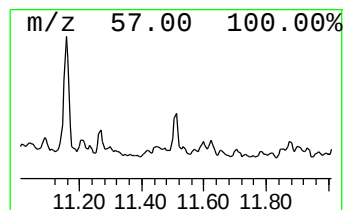
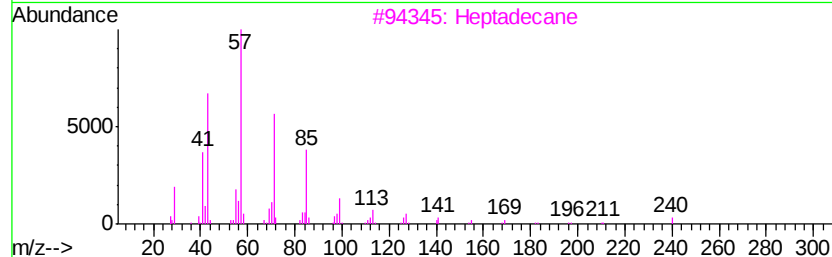
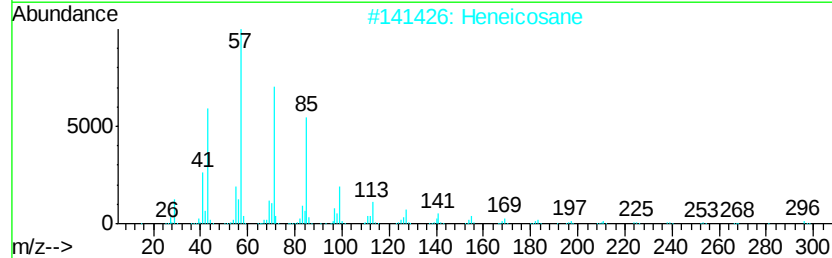
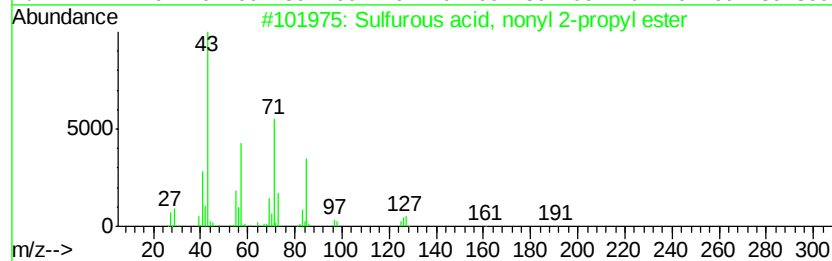
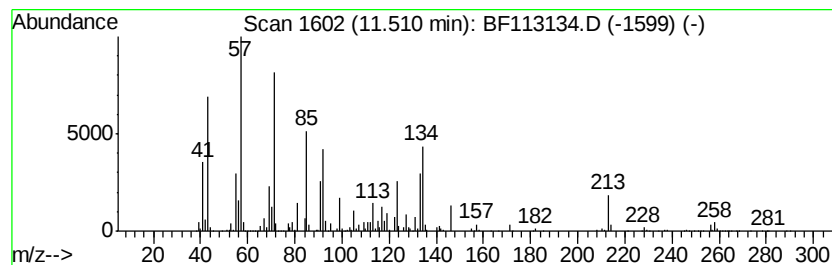
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.51 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	96.31 ng	1881320	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	30
2		Heneicosane	296	C21H44	000629-94-7	30
3		Heptadecane	240	C17H36	000629-78-7	30
4		Pentadecane	212	C15H32	000629-62-9	30
5		Hexadecane	226	C16H34	000544-76-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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ClientSampleId :
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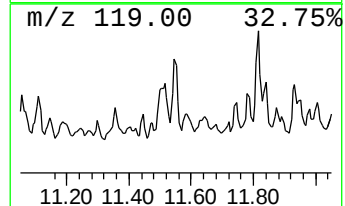
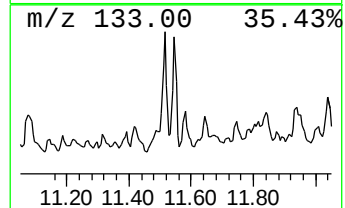
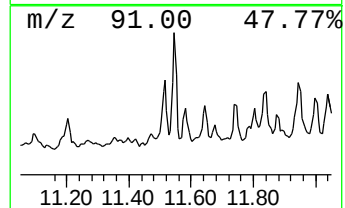
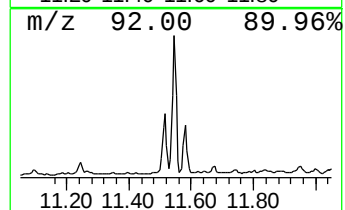
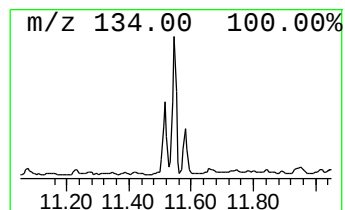
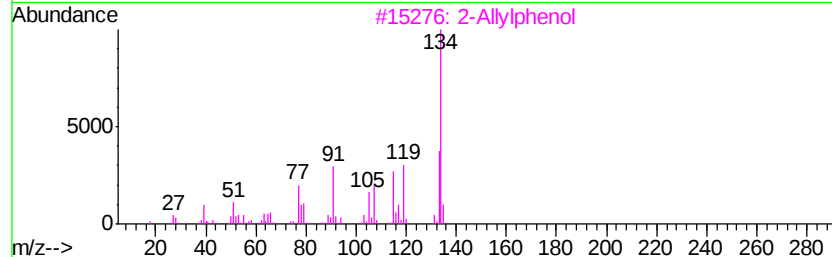
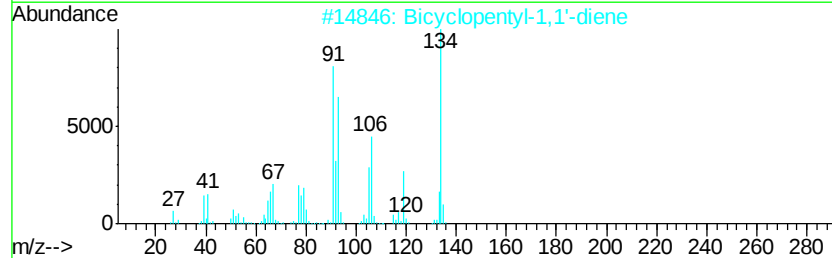
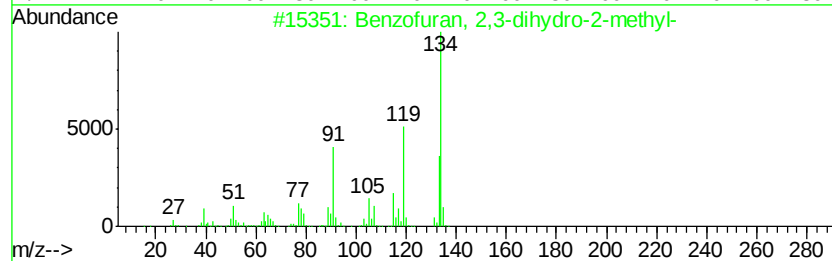
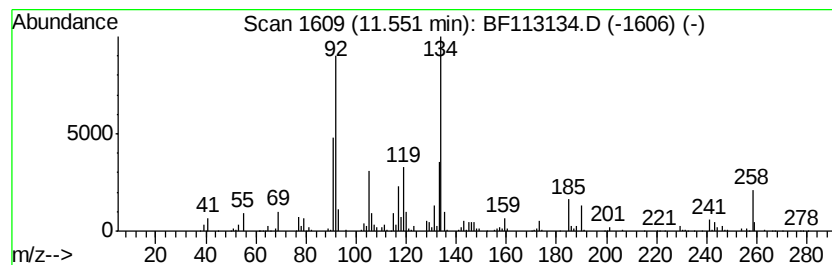
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown11.55 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	40.67 ng	794503	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	43
2		Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	38
3		2-Allylphenol	134	C9H10O	001745-81-9	38
4		Cyclobutene, bis(1-methylethylid...	134	C10H14	003642-14-6	35
5		1-Phenyl-2-acetoxy-prop-1-en	176	C11H12O2	024175-87-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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Sample : K1935-10
Misc :
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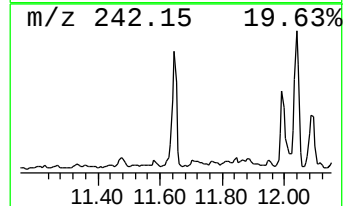
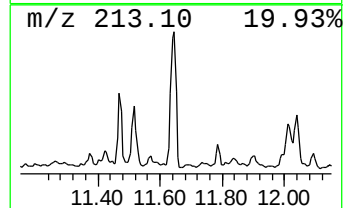
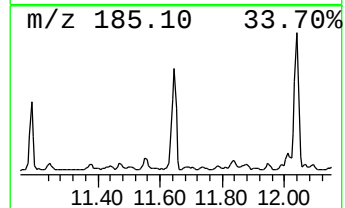
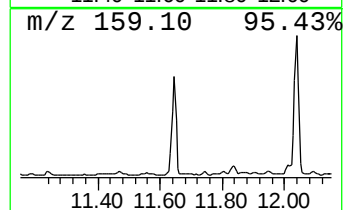
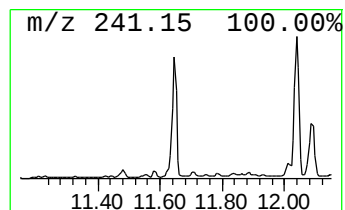
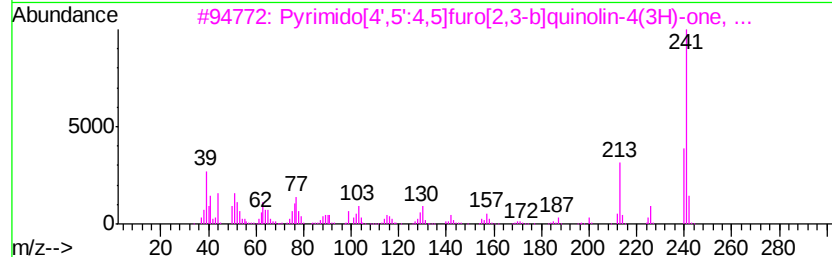
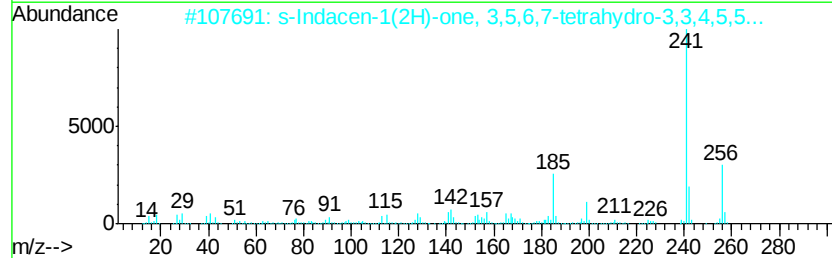
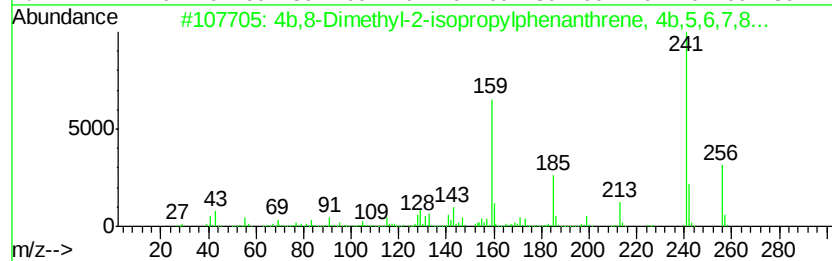
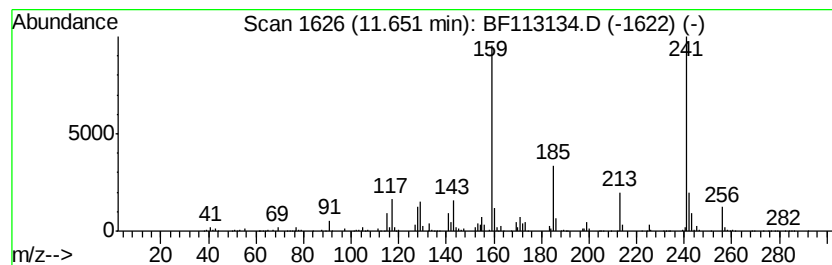
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ClientSampleId :
SB-7(6-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.65	113.33 ng	2213670	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	55	
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38	
3	Pyrimido[4',5':4,5]furo[2,3-b]qu...	241	C13H11N3O2	1000362-77-3	38	
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38	
5	2,6-Diethyl-4-(4-methoxyphenyl)p...	241	C16H19NO	073669-46-2	35	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
Sample : K1935-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

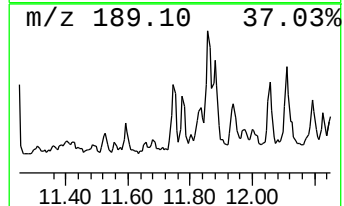
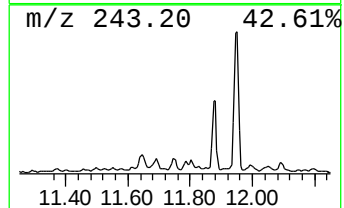
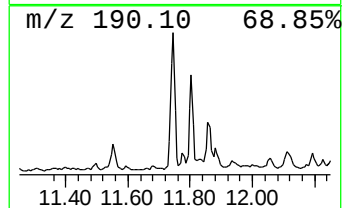
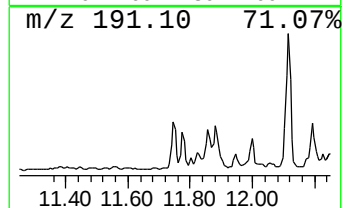
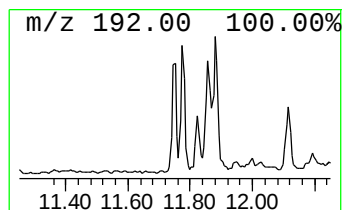
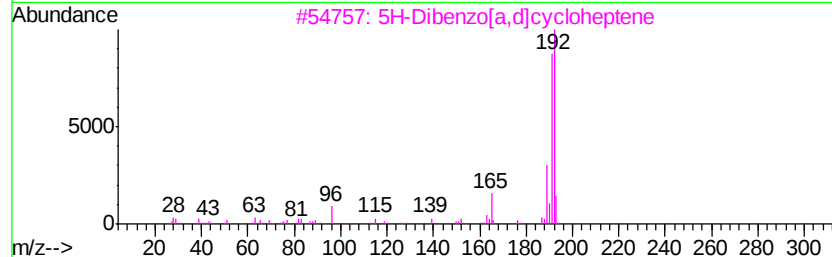
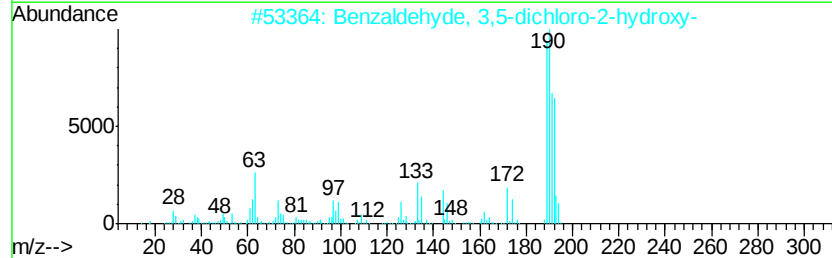
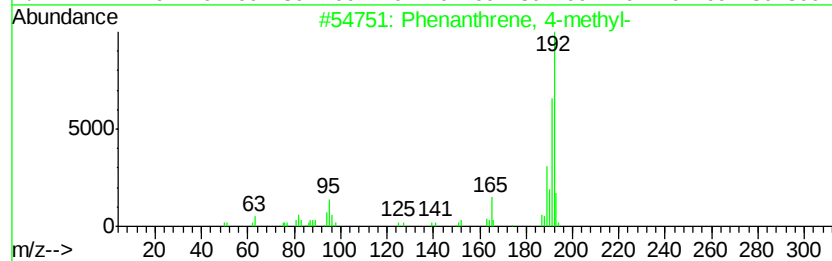
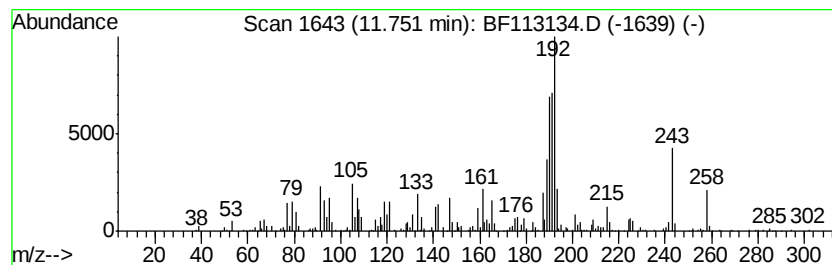
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	43.99 ng	859296	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	56
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	43
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
4	1,1'-Biphenyl,3,3'-difluoro-	190	C12H8F2	000396-64-5	30
5	Thiazole, 2-amino-5-methyl-4-phe...	190	C10H10N2S	030709-67-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
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ClientSampleId :
SB-7(6-7)

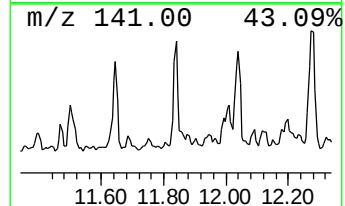
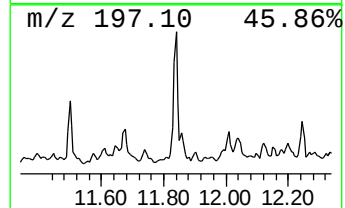
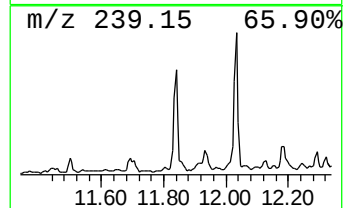
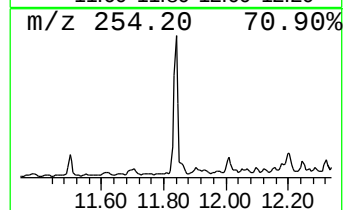
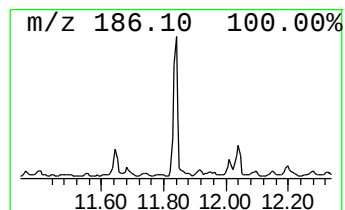
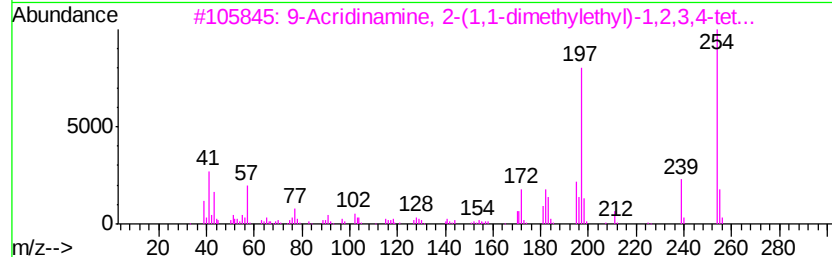
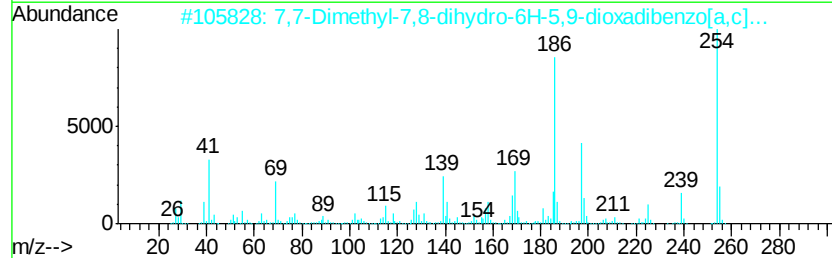
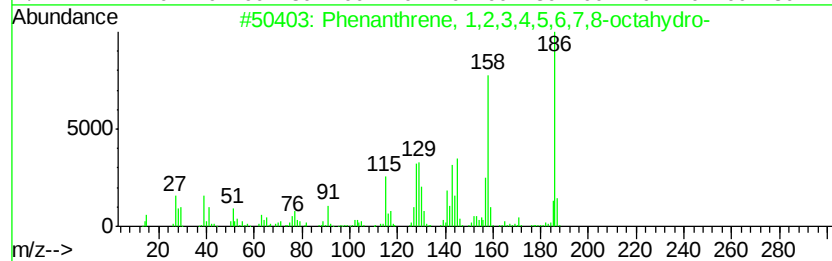
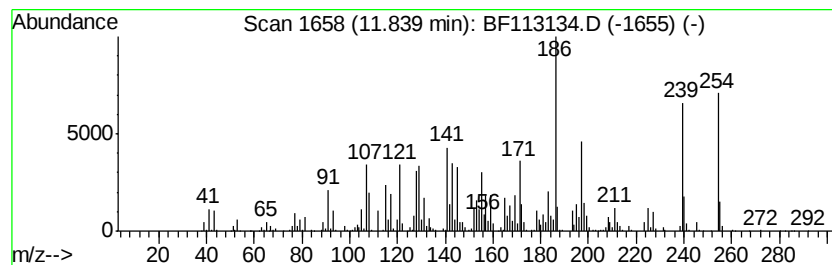
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown11.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	101.73 ng	1987200	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,2,3,4,5,6,7,8-oc...	186	C14H18	005325-97-3	48
2		7,7-Dimethyl-7,8-dihydro-6H-5,9-...	254	C17H18O2	161895-54-1	47
3		9-Acridinamine, 2-(1,1-dimethyle...	254	C17H22N2	1000318-93-9	38
4		Anthracene, 1,2,3,4,5,6,7,8-octa...	186	C14H18	001079-71-6	35
5		Trimethylsilyl ((4-methyl-4H-1,2...	245	C8H15N3O2SSi	1000297-95-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
Sample : K1935-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7(6-7)

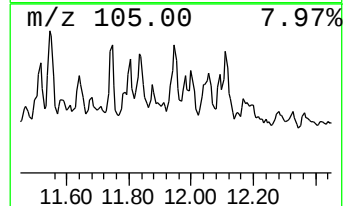
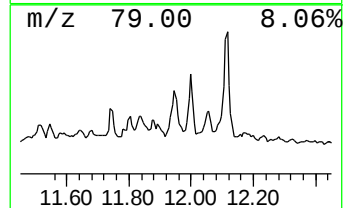
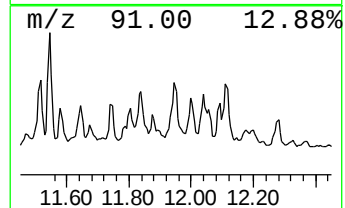
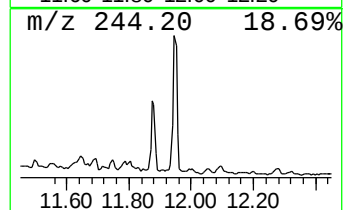
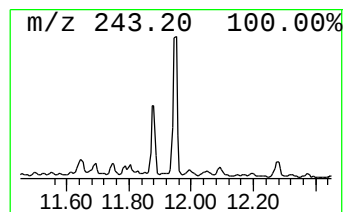
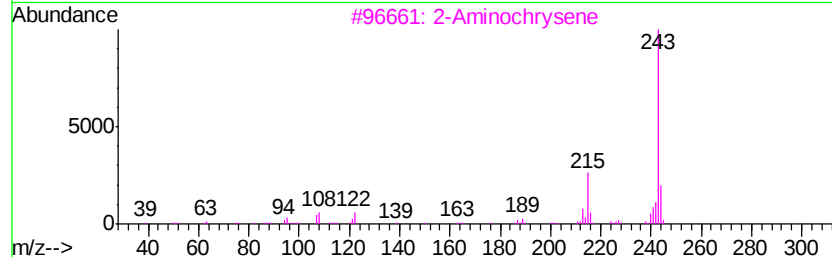
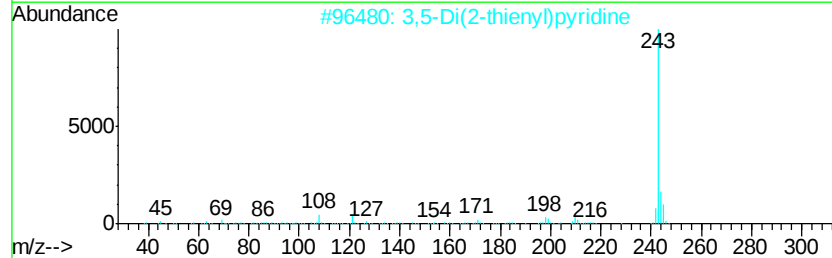
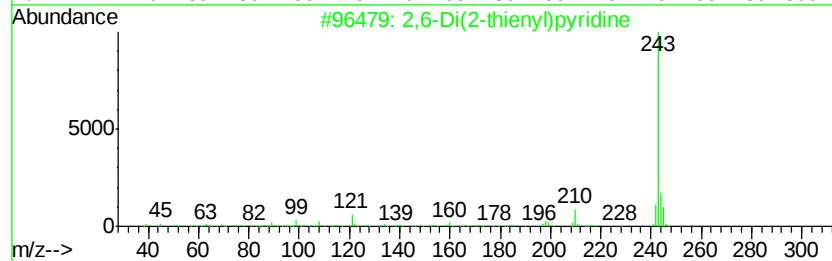
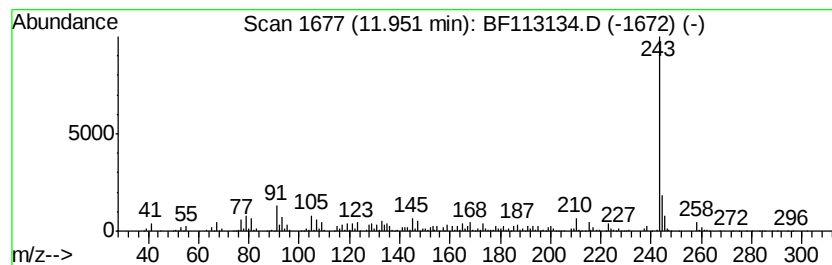
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2,6-Di(2-thienyl)pyridine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	107.25 ng	2094970	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Di(2-thienyl)pyridine	243	C13H9NS2	035299-71-9	87
2		3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	72
3		2-Aminochrysene	243	C18H13N	000789-47-9	64
4		Boron, [3-[[dimethyl(1-methyl-1-...	272	C12H25BS2Si	127855-38-3	56
5		9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
Sample : K1935-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7(6-7)

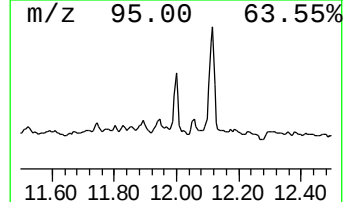
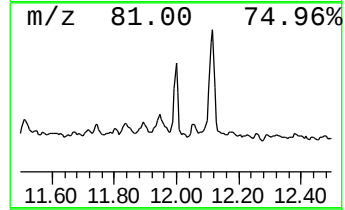
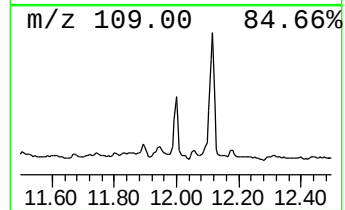
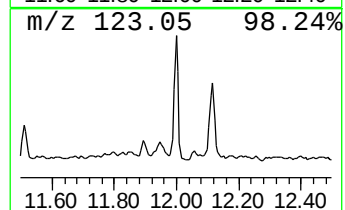
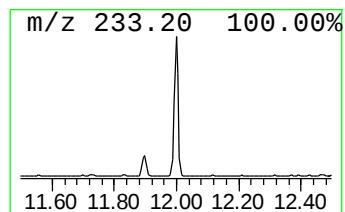
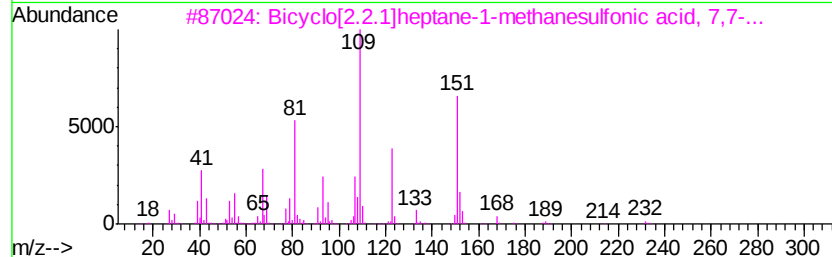
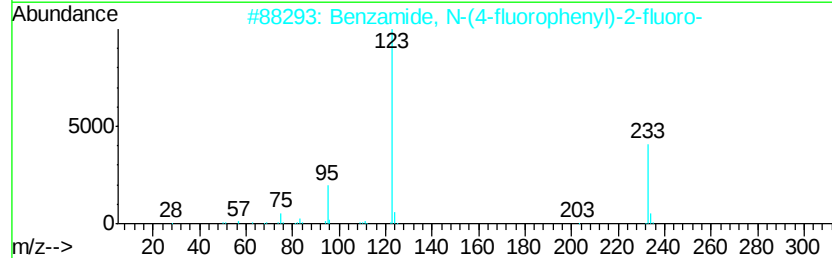
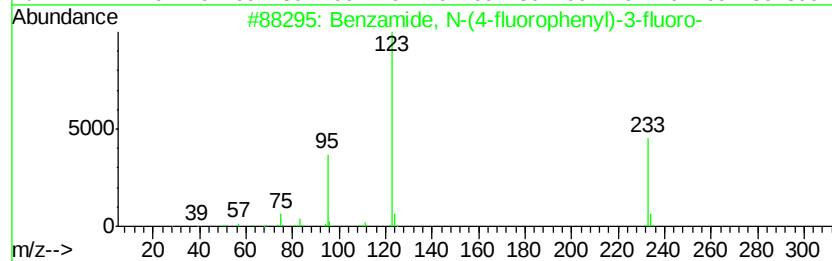
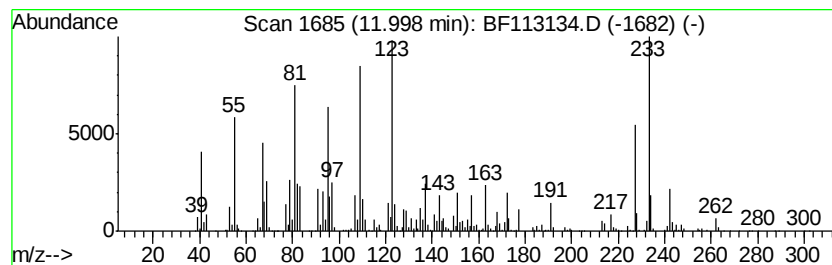
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.00 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	147.84 ng	2887830	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	35
2		Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	35
3		Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	30
4		Bicyclo[3.3.1]nonane-1-carboxyli...	168	C10H16O2	017530-63-1	22
5		Cyclopropanemethanol, 2,2-dimeth...	154	C10H18O	005617-92-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
Sample : K1935-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7(6-7)

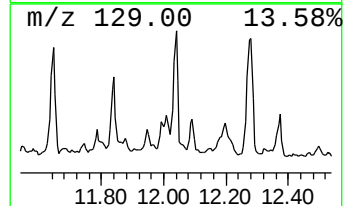
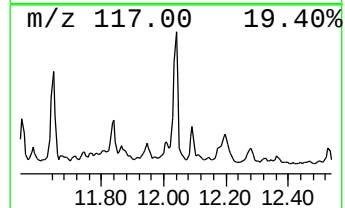
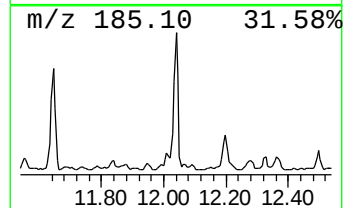
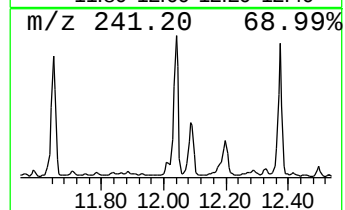
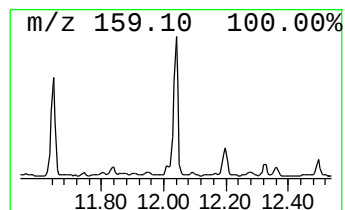
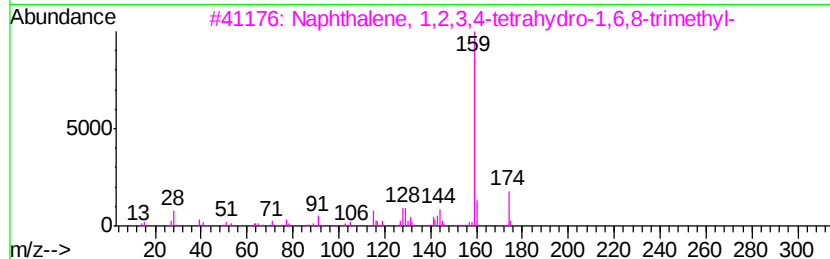
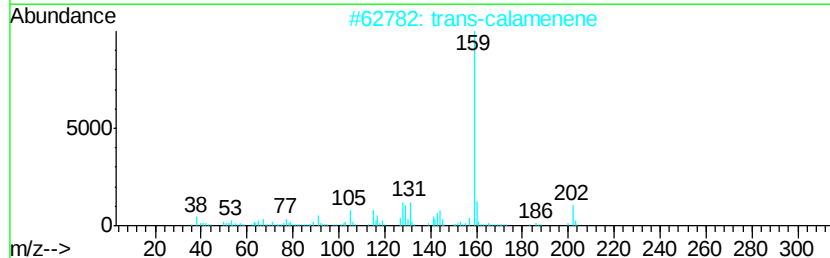
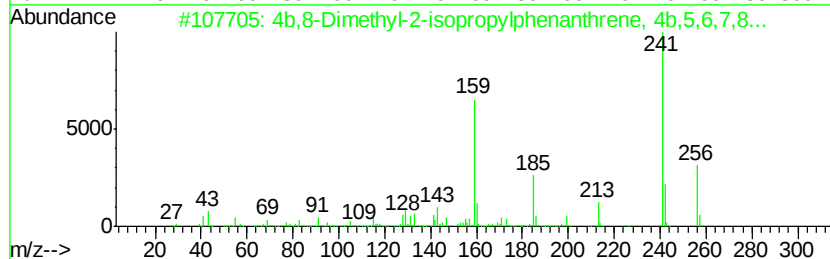
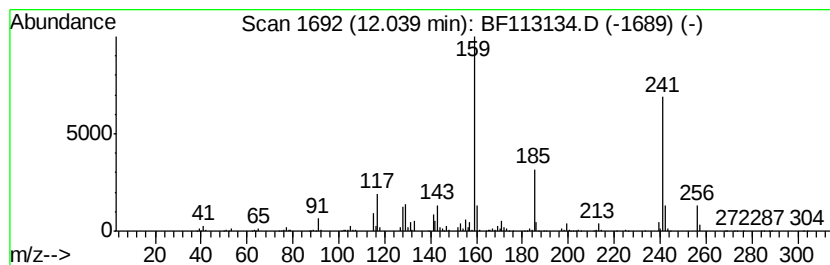
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	157.98 ng	3085840	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	86
2		trans-calamenene	202	C15H22	1000374-17-3	43
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38
4		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	38
5		2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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ALS Vial : 13 Sample Multiplier: 1

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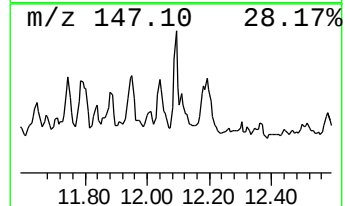
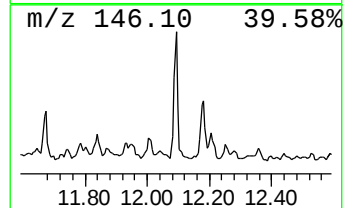
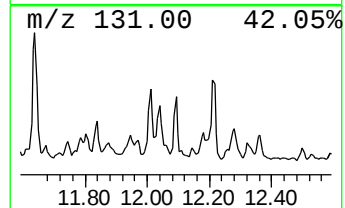
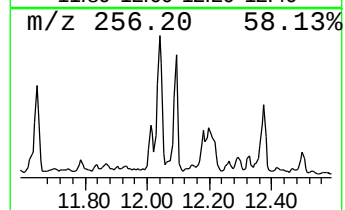
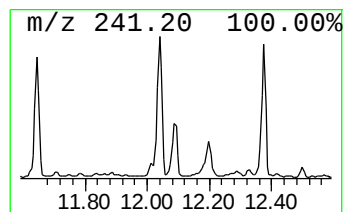
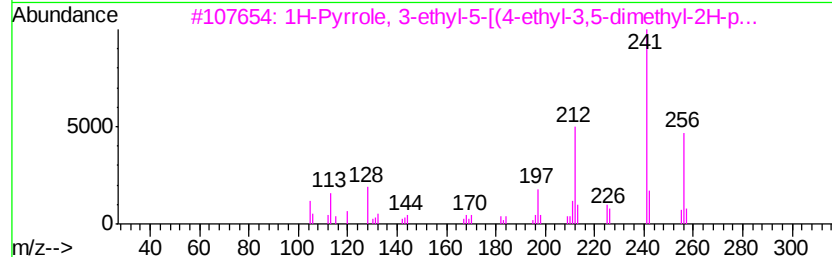
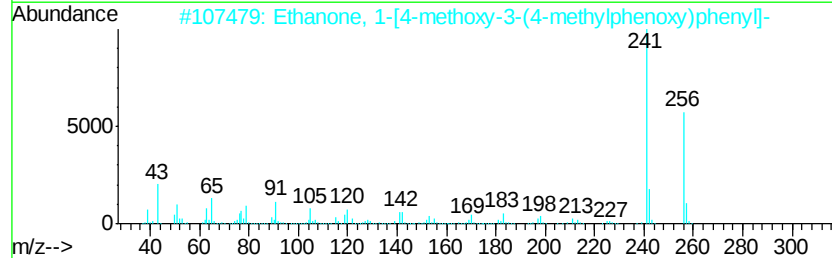
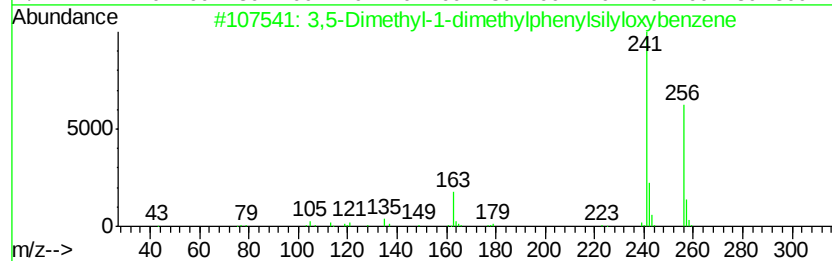
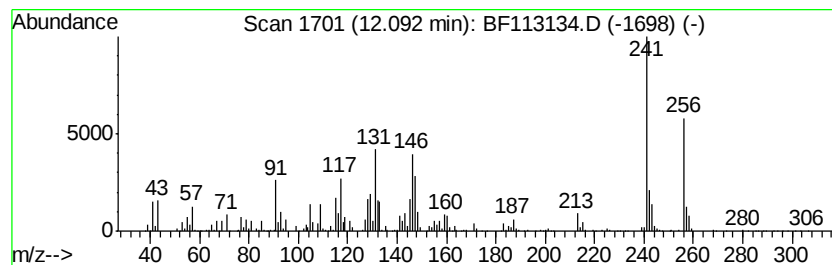
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	43.33 ng	846363	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyl-1-dimethylphenylsil...	256	C16H20OSi	1000307-90-6	43
2		Ethanone, 1-[4-methoxy-3-(4-meth...	256	C16H16O3	116345-94-9	38
3		1H-Pyrrole, 3-ethyl-5-[(4-ethyl-...	256	C17H24N2	002407-83-2	38
4		2-(4'-Methoxyphenyl)-2-(2'-metho...	256	C17H20O2	155726-81-1	38
5		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
Sample : K1935-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7(6-7)

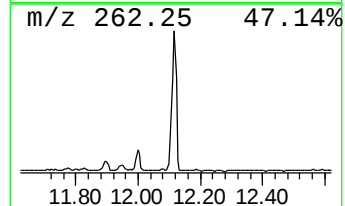
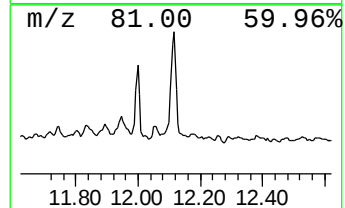
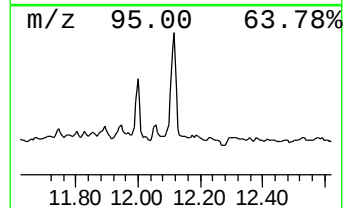
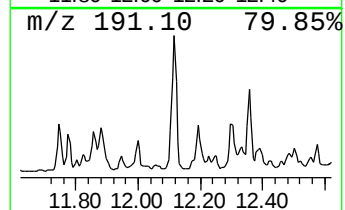
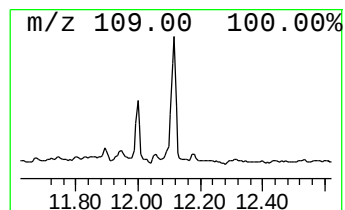
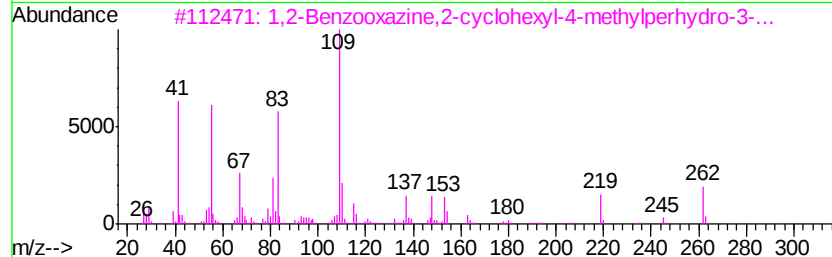
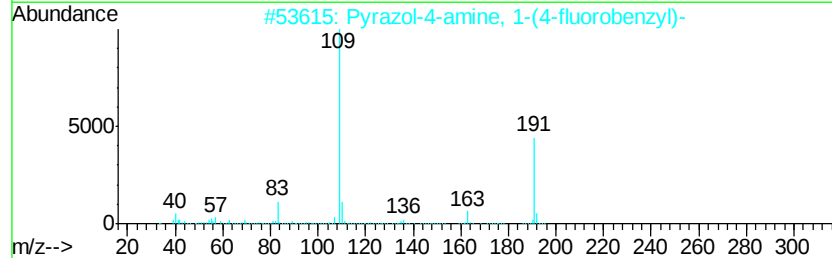
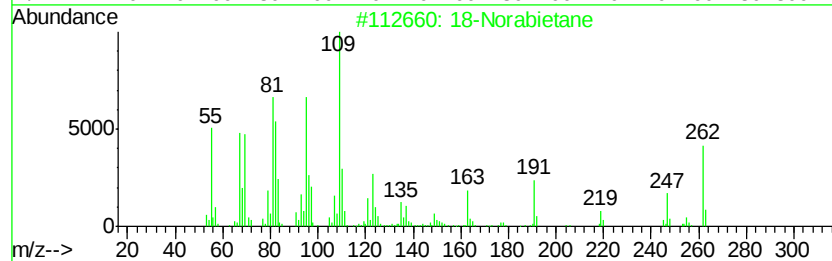
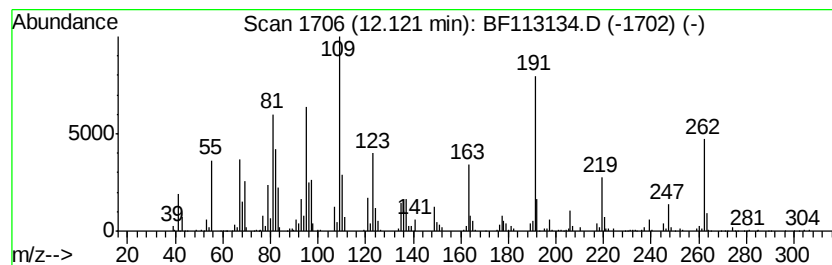
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 18-Norabietane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	148.44 ng	2899570	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	93
2		Pyrazol-4-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-9	38
3		1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	38
4		Bicyclo[2.2.1]heptan-2-one, 5-br...	230	C10H15BrO	010293-00-2	27
5		8-Hexadecyne	222	C16H30	019781-86-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
Sample : K1935-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7(6-7)

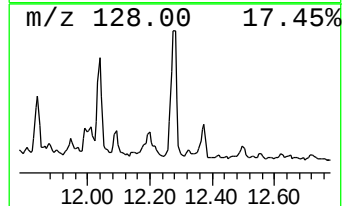
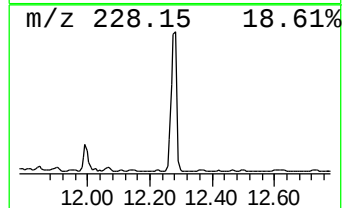
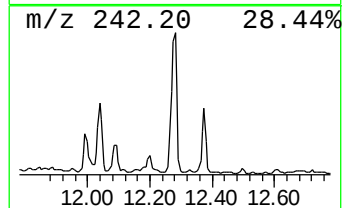
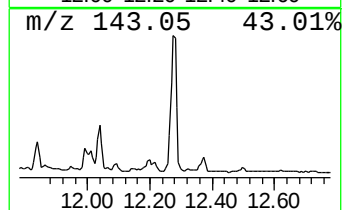
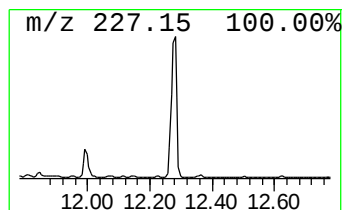
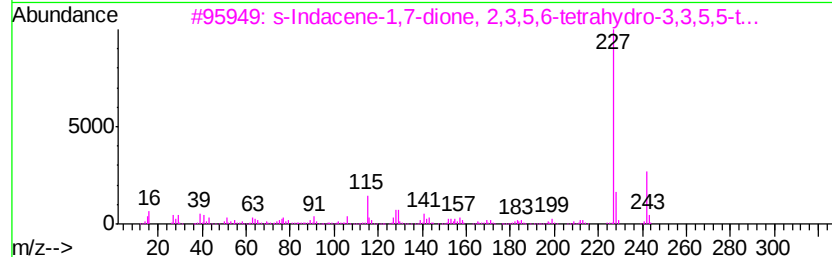
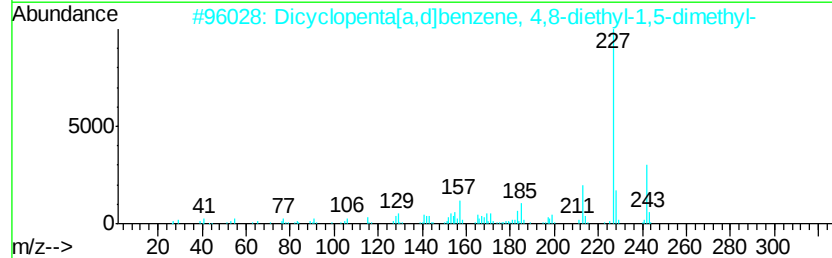
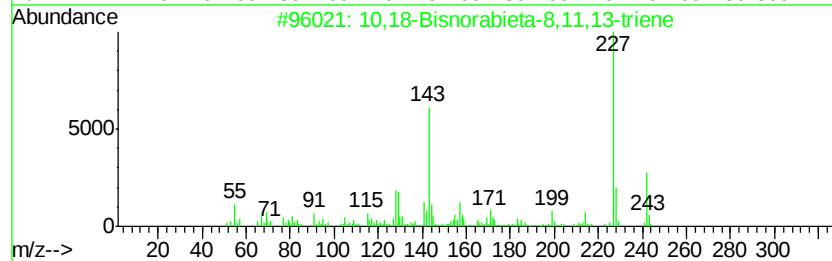
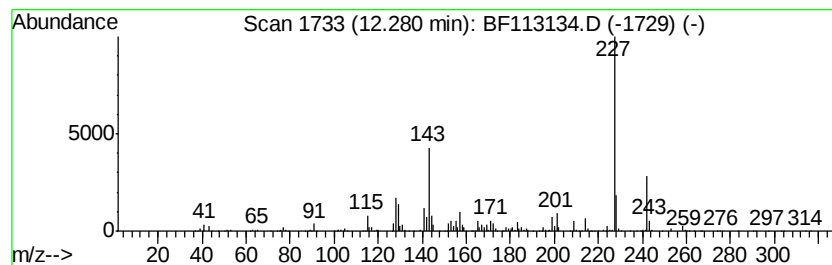
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 10,18-Bisnorabieta-8,11,13-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	131.58 ng	2570200	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	64
2		Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	53
3		s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	52
4		7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	49
5		1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113134.D
Acq On : 19 Mar 2019 19:15
Operator : JU/SJ
Sample : K1935-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7(6-7)

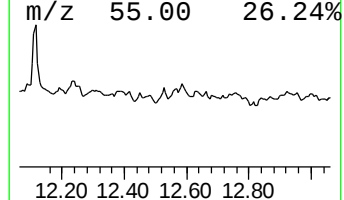
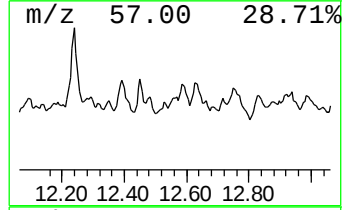
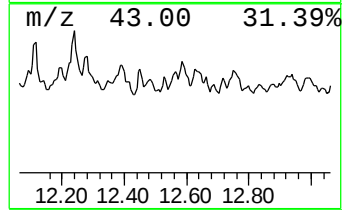
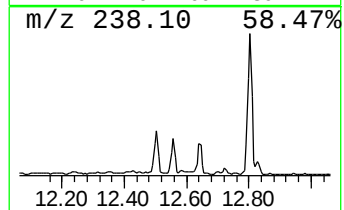
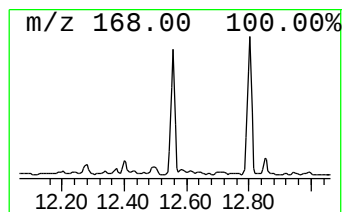
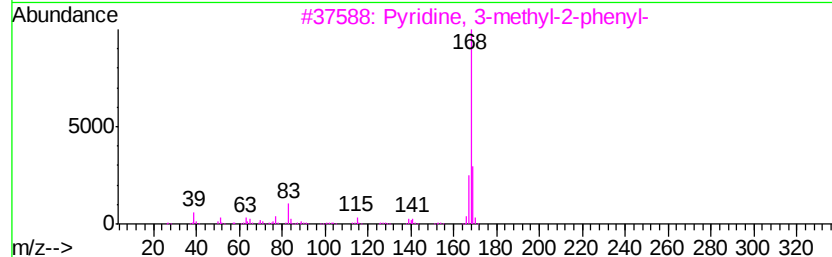
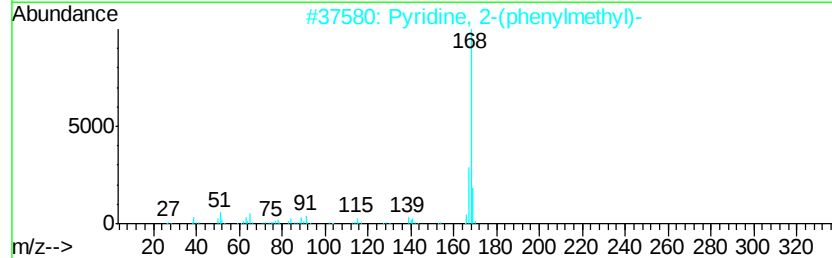
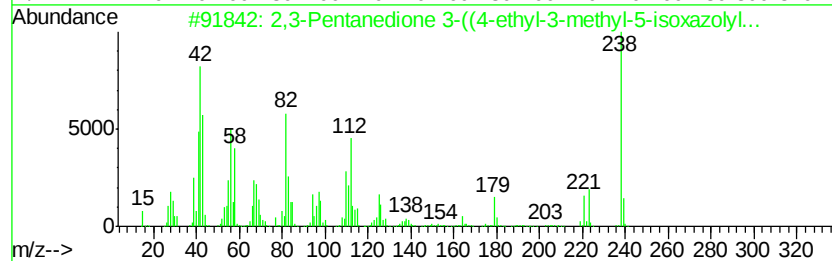
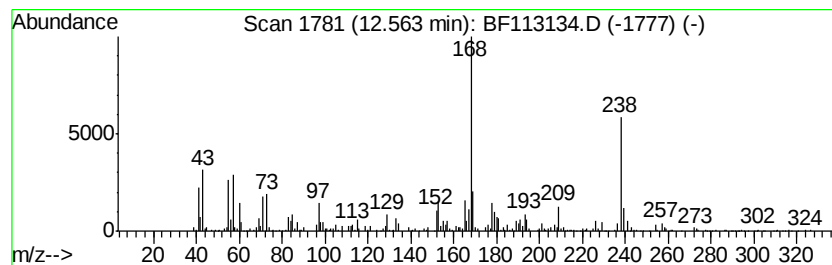
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown12.56 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	35.34 ng	690339	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Pentanedione 3-((4-ethyl-3-m...	238	C11H18N4O2	091253-22-4	35		
2	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	35		
3	Pyridine, 3-methyl-2-phenyl-	169	C12H11N	010273-90-2	35		
4	DL-Norleucine, N-propargyloxycar...	437	C26H47N04	1000344-08-1	27		
5	l-Isoleucine, n-propargyloxycarb...	423	C25H45N04	1000328-14-4	27		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113134.D
 Acq On : 19 Mar 2019 19:15
 Operator : JU/SJ
 Sample : K1935-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(6-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.50	6.50	71.5	ng	3755940	1	6.72	1049960	20.0
Pentadecane, 2,6,...	8.45	40.9	ng	2565020	2	8.00	1253900	20.0
Cyclohexane, (1-m...	8.93	36.9	ng	1752800	3	9.76	950268	20.0
n-Nonylcyclohexane	10.03	35.8	ng	1700740	3	9.76	950268	20.0
Undecane, 3,6-dim...	10.43	61.4	ng	2919320	3	9.76	950268	20.0
Decane, 2-methyl-	10.70	247.9	ng	4842510	4	11.24	390668	20.0
Hexacosane	11.16	106.0	ng	2070700	4	11.24	390668	20.0
unknown11.51	11.51	96.3	ng	1881320	4	11.24	390668	20.0
unknown11.55	11.55	40.7	ng	794503	4	11.24	390668	20.0
4b,8-Dimethyl-2-i...	11.65	113.3	ng	2213670	4	11.24	390668	20.0
Phenanthrene, 4-m...	11.75	44.0	ng	859296	4	11.24	390668	20.0
unknown11.84	11.84	101.7	ng	1987200	4	11.24	390668	20.0
2,6-Di(2-thienyl)...	11.95	107.3	ng	2094970	4	11.24	390668	20.0
unknown12.00	12.00	147.8	ng	2887830	4	11.24	390668	20.0
unknown12.04	12.04	158.0	ng	3085840	4	11.24	390668	20.0
unknown12.09	12.09	43.3	ng	846363	4	11.24	390668	20.0
18-Norabietane	12.12	148.4	ng	2899570	4	11.24	390668	20.0
10,18-Bisnorabiet...	12.28	131.6	ng	2570200	4	11.24	390668	20.0
unknown12.56	12.56	35.3	ng	690339	4	11.24	390668	20.0