

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113182.D
 Acq On : 20 Mar 2019 20:28
 Operator : JU/SJ
 Sample : K1984-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(7-8)

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	4.110	340	344	350	rBV2	14175	21501	2.07%	0.151%
2	4.904	475	479	483	rVB	43015	46160	4.44%	0.324%
3	4.951	483	487	493	rBV2	17526	23024	2.21%	0.162%
4	5.334	549	552	561	rBV	155430	181705	17.47%	1.275%
5	5.487	574	578	581	rBV2	25002	31263	3.01%	0.219%
6	5.587	590	595	599	rVB3	18122	21825	2.10%	0.153%
7	5.728	615	619	625	rVB2	50732	59694	5.74%	0.419%
8	5.792	625	630	634	rBV2	21355	27033	2.60%	0.190%
9	5.875	640	644	647	rBV	32775	29773	2.86%	0.209%
10	5.992	662	664	668	rVB2	23847	26869	2.58%	0.189%
11	6.034	668	671	674	rBV4	14071	16892	1.62%	0.119%
12	6.081	674	679	683	rVV4	32292	54538	5.24%	0.383%
13	6.163	687	693	696	rBV3	31526	40316	3.88%	0.283%
14	6.198	696	699	702	rVB3	17085	19622	1.89%	0.138%
15	6.257	706	709	714	rBV2	46490	53621	5.16%	0.376%
16	6.369	722	728	732	rBV	204320	275458	26.48%	1.933%
17	6.492	743	749	754	rBV	257494	266156	25.59%	1.867%
18	6.722	785	788	796	rVB	773007	662601	63.70%	4.649%
19	6.792	796	800	802	rVB2	23316	27689	2.66%	0.194%
20	6.875	811	814	819	rBV	208326	203989	19.61%	1.431%
21	6.951	823	827	831	rBV5	16838	26691	2.57%	0.187%
22	6.998	831	835	839	rBV6	21343	34000	3.27%	0.239%
23	7.122	853	856	858	rBV	78723	58006	5.58%	0.407%
24	7.151	858	861	864	rVV2	18627	20868	2.01%	0.146%
25	7.210	869	871	874	rBV3	15851	14927	1.44%	0.105%
26	7.281	874	883	887	rBV	112781	170110	16.35%	1.193%
27	7.375	895	899	903	rVB4	28739	41816	4.02%	0.293%
28	7.439	903	910	913	rBV6	21795	52865	5.08%	0.371%
29	7.498	918	920	924	rVV2	33792	38352	3.69%	0.269%
30	7.533	924	926	930	rVB	91288	77009	7.40%	0.540%
31	7.628	939	942	944	rBV2	22609	28634	2.75%	0.201%
32	7.651	944	946	950	rVB2	72314	68841	6.62%	0.483%
33	7.716	955	957	962	rBV4	9941	15116	1.45%	0.106%
34	7.833	974	977	981	rBV4	25916	33183	3.19%	0.233%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.880	981	985	987	rBV3	31463	34859	3.35%	0.245%
36	7.951	994	997	1001	rBV2	60188	51226	4.92%	0.359%
37	8.004	1002	1006	1014	rBV	1028401	925651	88.99%	6.494%
38	8.080	1017	1019	1021	rVB	47705	35550	3.42%	0.249%
39	8.192	1035	1038	1041	rBV3	26303	34549	3.32%	0.242%
40	8.251	1044	1048	1050	rBV6	14345	17057	1.64%	0.120%
41	8.304	1050	1057	1060	rBV4	74923	102709	9.87%	0.721%
42	8.333	1060	1062	1064	rBV2	32071	29151	2.80%	0.205%
43	8.357	1064	1066	1070	rVB4	29498	33991	3.27%	0.238%
44	8.404	1070	1074	1076	rBV3	30139	29776	2.86%	0.209%
45	8.439	1077	1080	1082	rBV	75296	66337	6.38%	0.465%
46	8.475	1084	1086	1089	rVB2	48060	44423	4.27%	0.312%
47	8.516	1089	1093	1095	rBV4	36026	37951	3.65%	0.266%
48	8.557	1095	1100	1101	rBV4	31002	43190	4.15%	0.303%
49	8.604	1104	1108	1110	rBV2	43358	51055	4.91%	0.358%
50	8.698	1122	1124	1128	rVB3	79426	91352	8.78%	0.641%
51	8.751	1131	1133	1136	rBV4	31864	41452	3.99%	0.291%
52	8.822	1143	1145	1149	rVB3	25740	29783	2.86%	0.209%
53	8.869	1151	1153	1154	rBV2	30021	21587	2.08%	0.151%
54	8.892	1154	1157	1159	rBV3	41784	37082	3.57%	0.260%
55	8.922	1159	1162	1165	rVB	106788	98371	9.46%	0.690%
56	8.951	1165	1167	1169	rBV2	19110	18744	1.80%	0.132%
57	9.039	1179	1182	1184	rVB	131816	105615	10.15%	0.741%
58	9.080	1184	1189	1193	rBV	282149	297279	28.58%	2.086%
59	9.139	1197	1199	1202	rBV	64312	63676	6.12%	0.447%
60	9.233	1213	1215	1217	rVB3	48672	33721	3.24%	0.237%
61	9.286	1222	1224	1227	rVB2	58738	56016	5.39%	0.393%
62	9.333	1229	1232	1234	rBV3	45718	46423	4.46%	0.326%
63	9.363	1234	1237	1240	rVB	77739	64094	6.16%	0.450%
64	9.404	1240	1244	1246	rBV5	35720	64762	6.23%	0.454%
65	9.492	1256	1259	1261	rVB	399627	305925	29.41%	2.146%
66	9.516	1261	1263	1267	rVB3	84097	85320	8.20%	0.599%
67	9.580	1271	1274	1275	rBV2	44236	40546	3.90%	0.284%
68	9.639	1282	1284	1286	rBV3	34712	22844	2.20%	0.160%
69	9.669	1286	1289	1292	rVB4	77599	79865	7.68%	0.560%
70	9.757	1299	1304	1307	rBV	1088539	1040139	100.00%	7.297%
71	9.804	1310	1312	1314	rBV	70570	54834	5.27%	0.385%

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72	9.922	1329	1332	1336	rBV5	83888	135318	13.01%	0.949%
73	9.963	1336	1339	1341	rVB	56377	56570	5.44%	0.397%
74	10.022	1347	1349	1355	rVB	150946	141895	13.64%	0.996%
75	10.133	1365	1368	1373	rVB4	54790	90663	8.72%	0.636%
76	10.298	1393	1396	1397	rBV3	73331	74318	7.15%	0.521%
77	10.316	1397	1399	1403	rVB2	122121	143428	13.79%	1.006%
78	10.416	1413	1416	1420	rVB	334847	315021	30.29%	2.210%
79	10.545	1435	1438	1441	rBV2	97932	101938	9.80%	0.715%
80	10.680	1457	1461	1469	rVB	665515	792332	76.18%	5.559%
81	11.021	1517	1519	1522	rBV3	110939	84379	8.11%	0.592%
82	11.145	1537	1540	1544	rVB	447878	458912	44.12%	3.220%
83	11.198	1546	1549	1552	rVB	113271	108088	10.39%	0.758%
84	11.239	1552	1556	1558	rBV	886228	829671	79.77%	5.821%
85	11.498	1597	1600	1603	rBV2	297654	319020	30.67%	2.238%
86	11.633	1620	1623	1626	rVB	264713	256083	24.62%	1.797%
87	11.733	1637	1640	1643	rVB3	139122	146985	14.13%	1.031%
88	11.792	1648	1650	1652	rVV	85028	78376	7.54%	0.550%
89	11.827	1653	1656	1660	rVV4	199504	238145	22.90%	1.671%
90	11.863	1660	1662	1665	rVB	184980	162606	15.63%	1.141%
91	11.933	1670	1674	1679	rBV	297237	342426	32.92%	2.402%
92	11.980	1680	1682	1684	rBV3	117500	140097	13.47%	0.983%
93	12.074	1695	1698	1699	rBV	158303	134874	12.97%	0.946%
94	12.227	1722	1724	1728	rVB2	100193	81355	7.82%	0.571%
95	12.786	1817	1819	1822	rBV2	124645	134674	12.95%	0.945%
96	12.815	1822	1824	1827	rVB	329719	265102	25.49%	1.860%
97	13.868	1999	2003	2009	rBV	976573	969893	93.25%	6.805%
98	15.280	2239	2243	2247	rBV	532485	644247	61.94%	4.520%

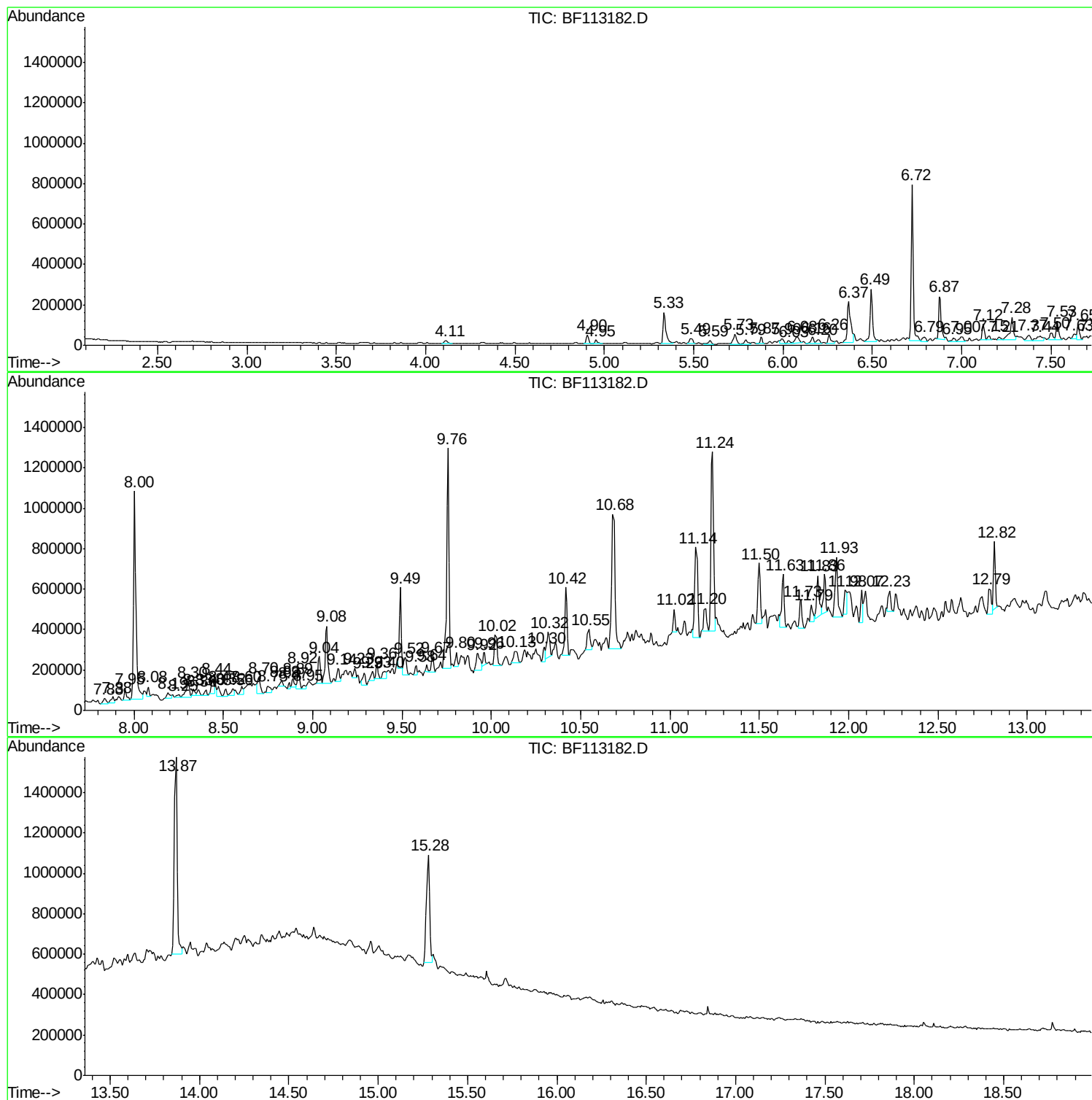
Sum of corrected areas: 14253468

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



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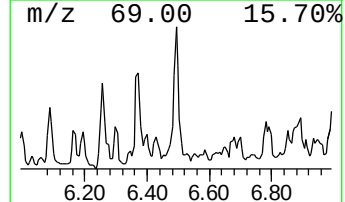
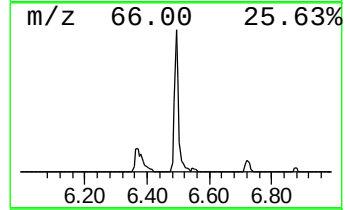
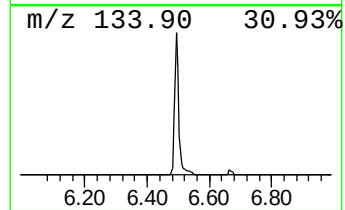
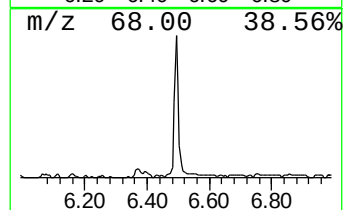
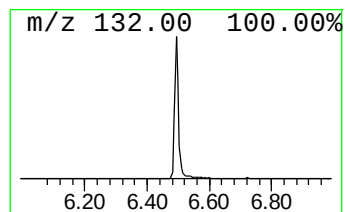
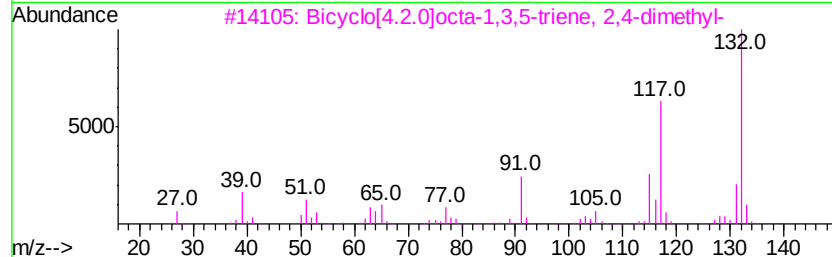
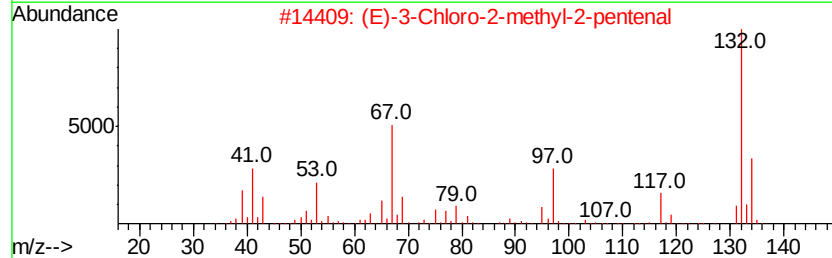
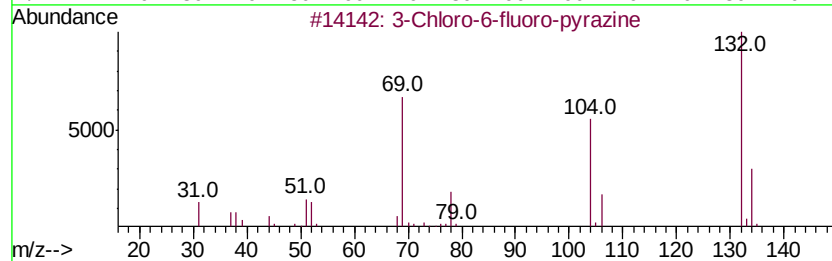
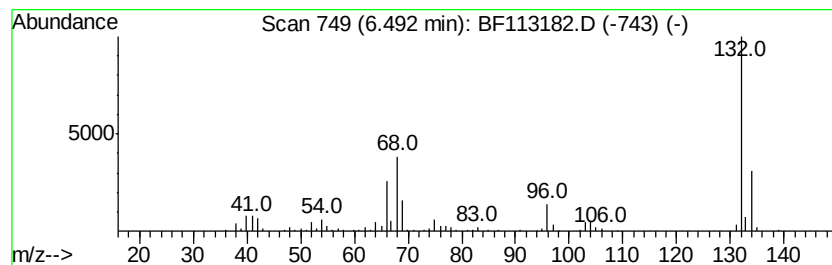
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	8.03 ng	266156	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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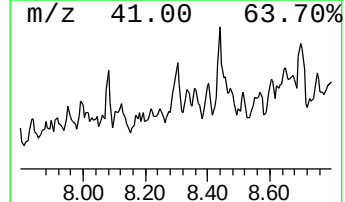
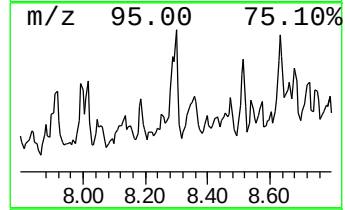
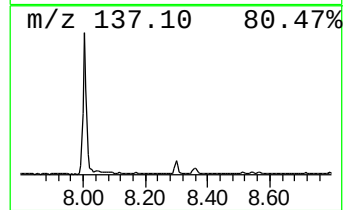
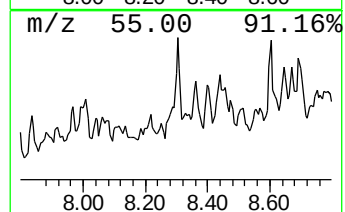
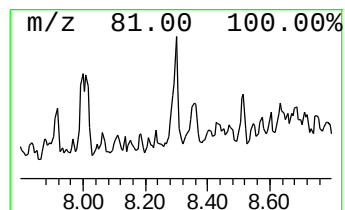
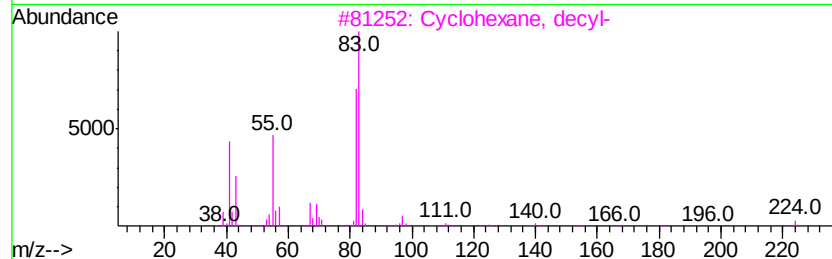
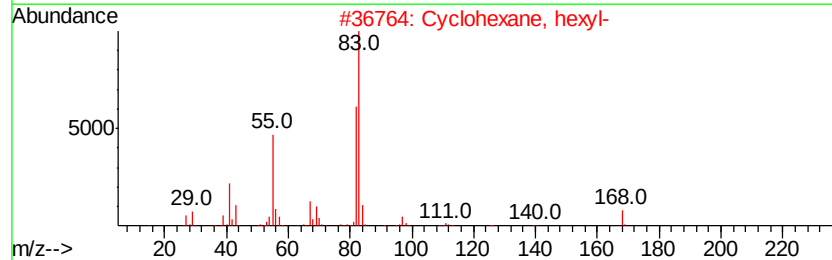
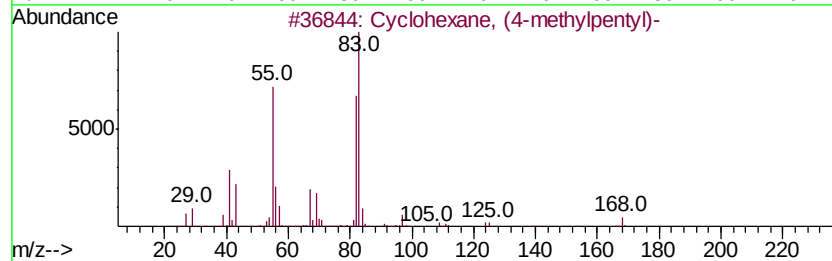
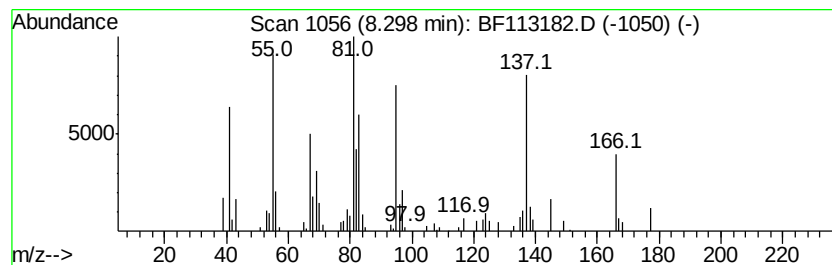
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	2.22 ng	102709	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	47
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	46



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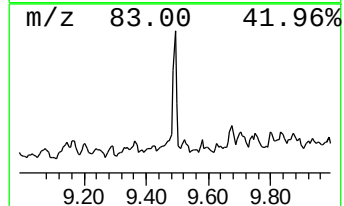
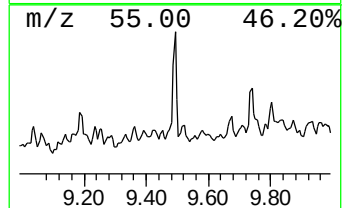
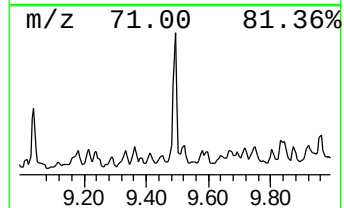
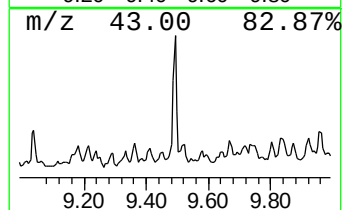
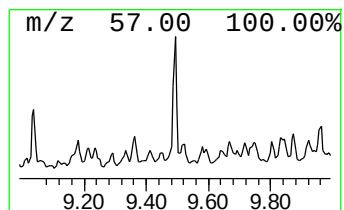
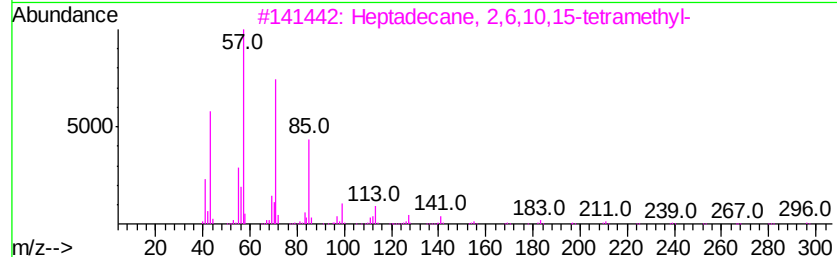
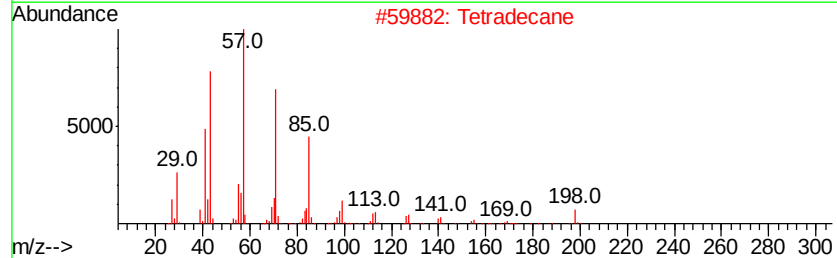
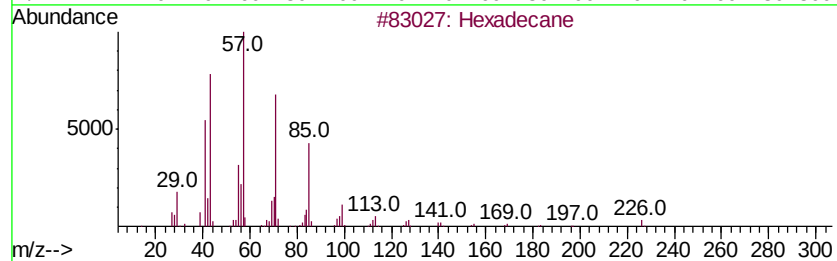
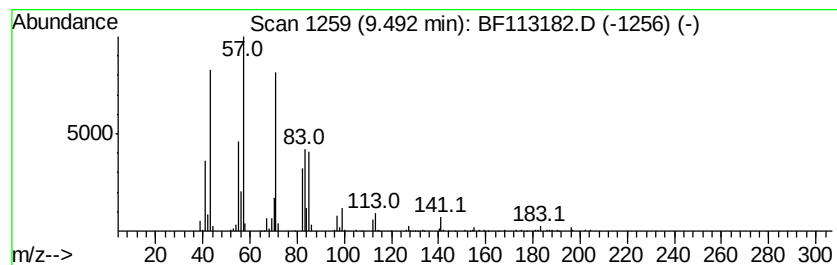
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 Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	5.88 ng	305925	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	64
2		Tetradecane	198	C14H30	000629-59-4	64
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
5		Tridecane	184	C13H28	000629-50-5	53



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Data File : BF113182.D
Acq On : 20 Mar 2019 20:28
Operator : JU/SJ
Sample : K1984-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(7-8)

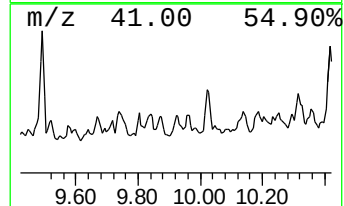
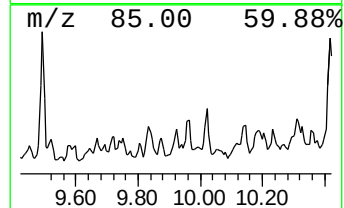
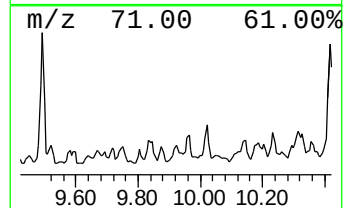
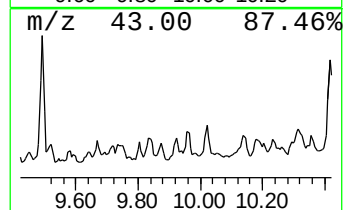
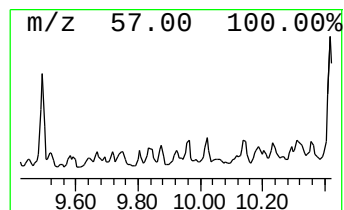
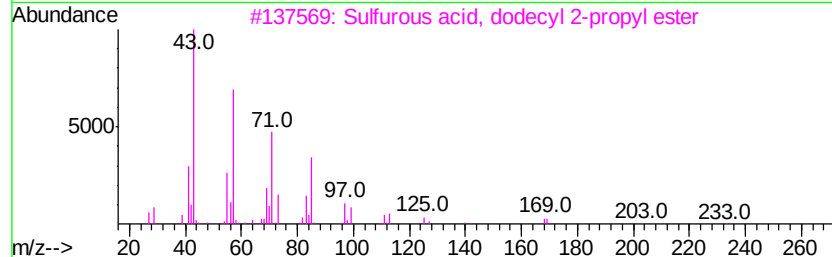
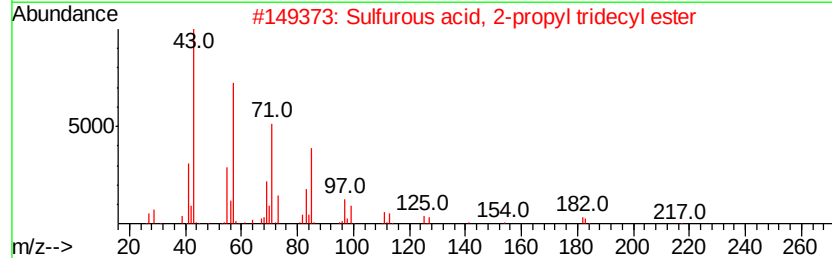
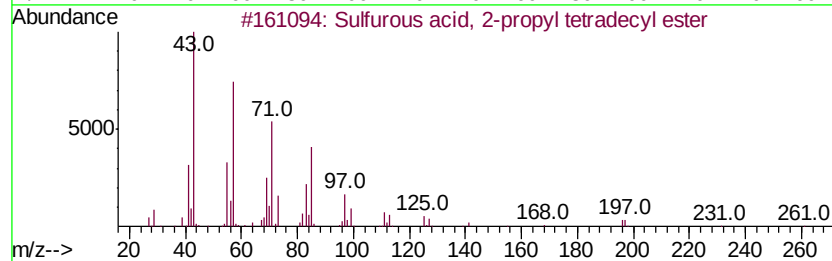
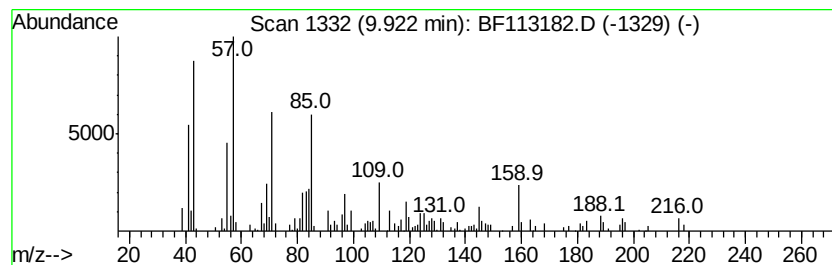
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.92 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	2.60 ng	135318	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-propyl tetradecyl...	320	C17H36O3S	1000309-12-5	43
2		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	38
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	35
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	35
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113182.D
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Sample : K1984-01 10X
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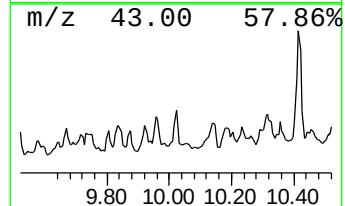
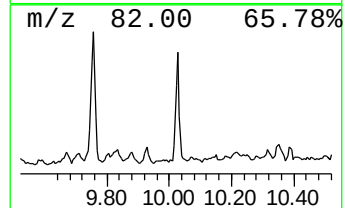
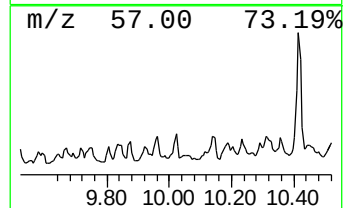
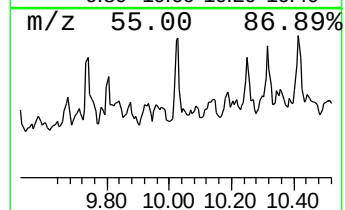
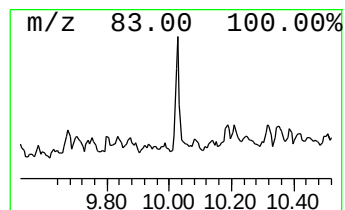
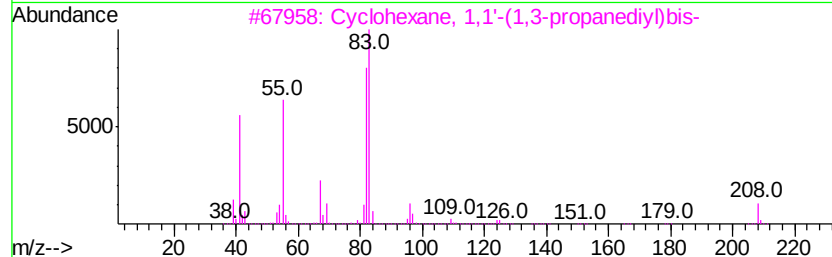
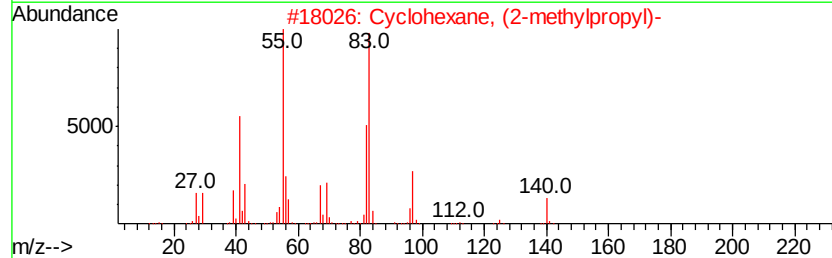
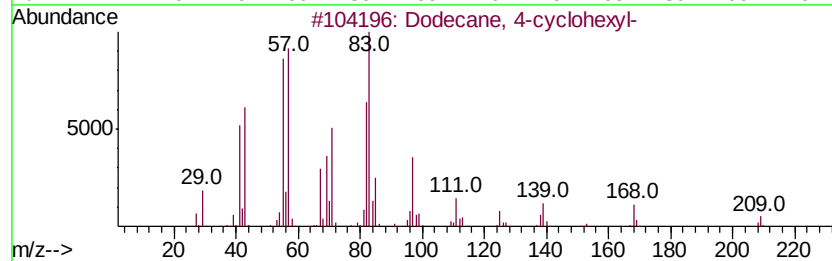
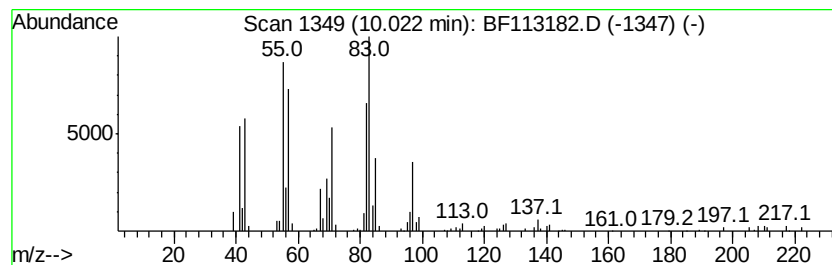
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ClientSampleId :
SB-12(7-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 4-cyclohexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	2.73 ng	141895	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 4-cyclohexyl-	252 C18H36	013151-84-3	80
2	Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4	76
3	Cyclohexane, 1,1'-(1,3-propanedi...	208 C15H28	003178-24-3	55
4	Tetratriacontyl heptafluorobutyrate	691 C38H69F7O2	1000351-84-1	47
5	Cyclohexane, propyl-	126 C9H18	001678-92-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113182.D
Acq On : 20 Mar 2019 20:28
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Sample : K1984-01 10X
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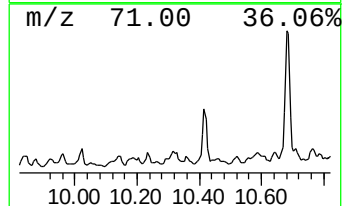
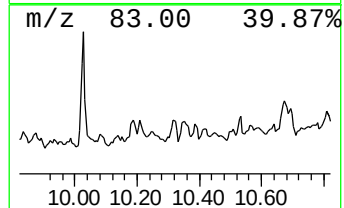
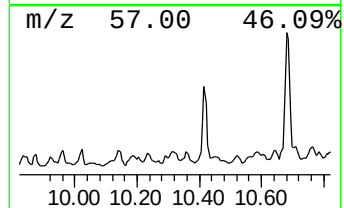
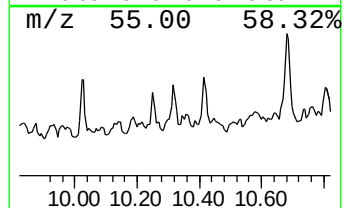
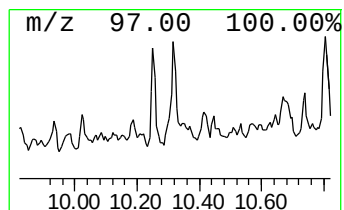
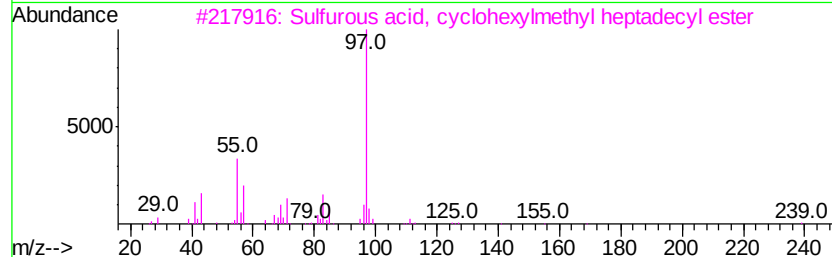
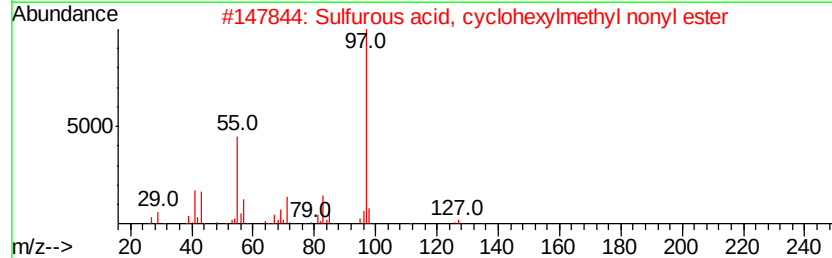
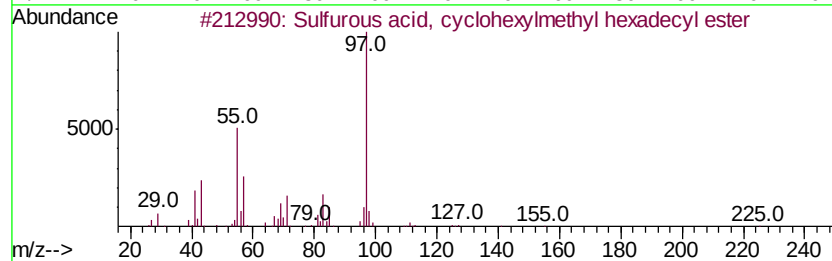
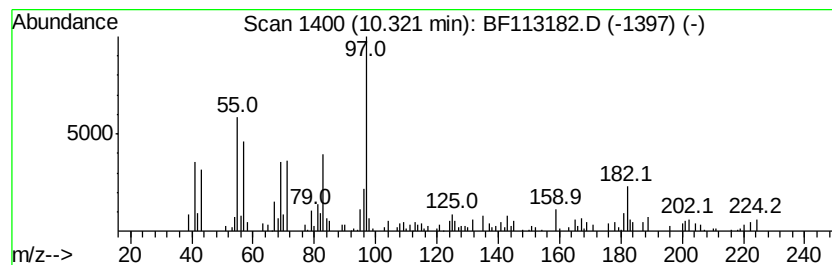
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.32	2.76 ng	143428	Acenaphthene-d10		9.76	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid,	cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	80
2	Sulfurous acid,	cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	80
3	Sulfurous acid,	cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	80
4	Sulfurous acid,	cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	80
5	Sulfurous acid,	cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
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Operator : JU/SJ
Sample : K1984-01 10X
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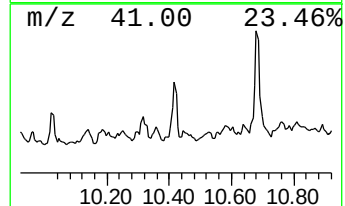
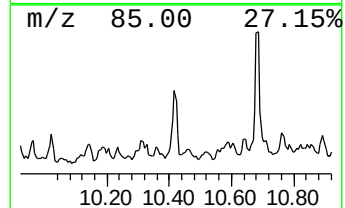
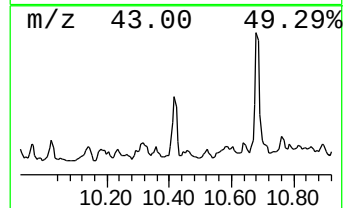
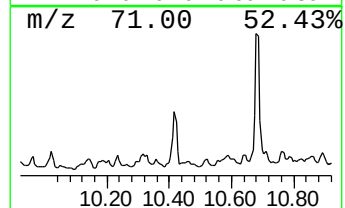
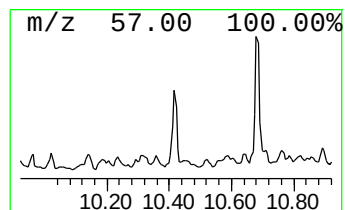
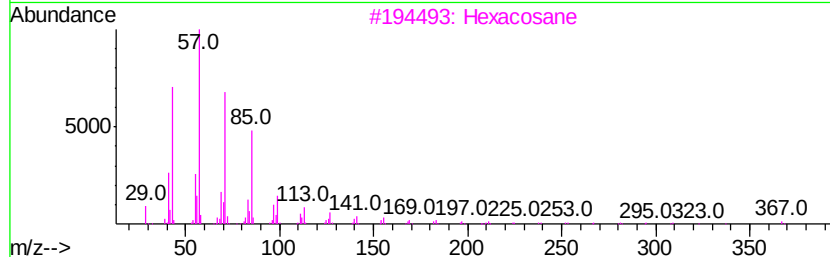
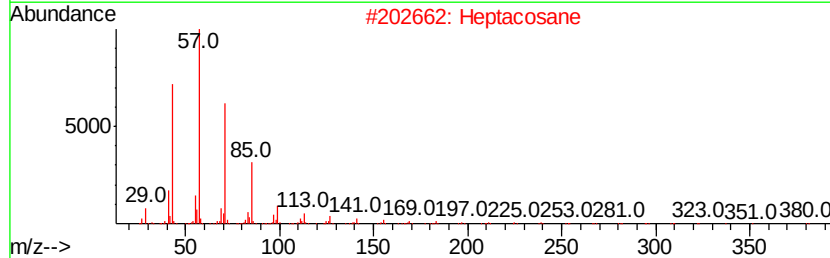
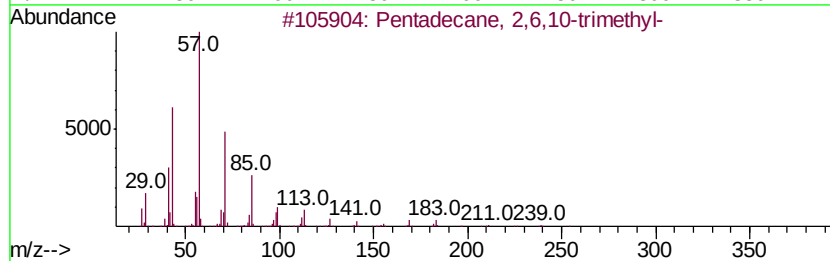
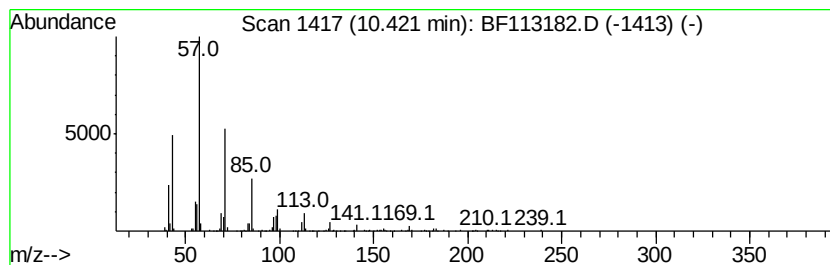
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	6.06 ng	315021	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Hexacosane	366	C26H54	000630-01-3	80
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113182.D
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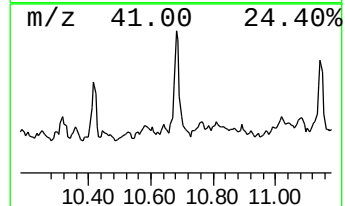
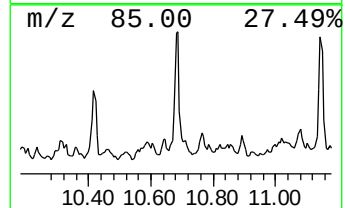
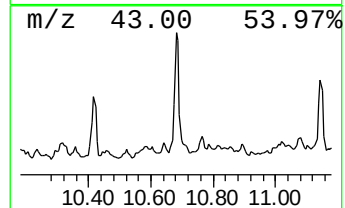
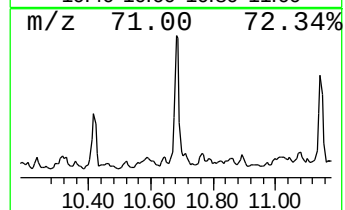
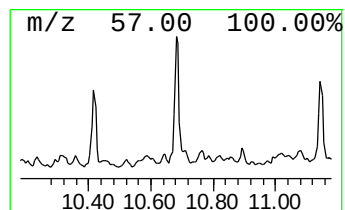
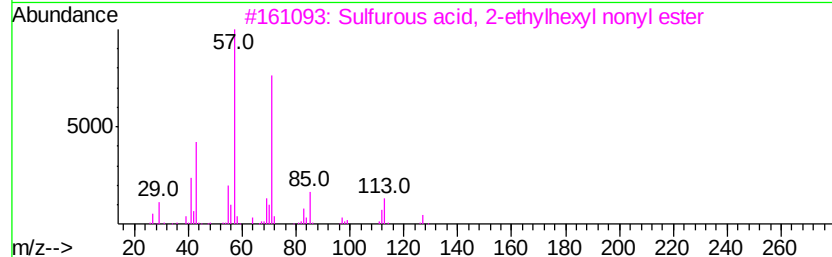
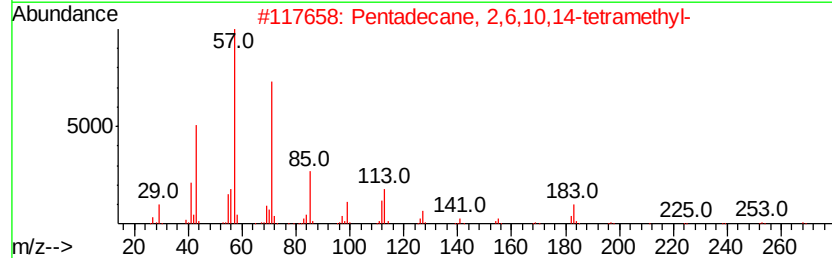
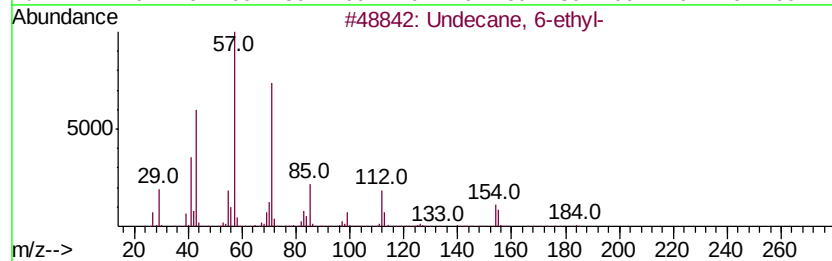
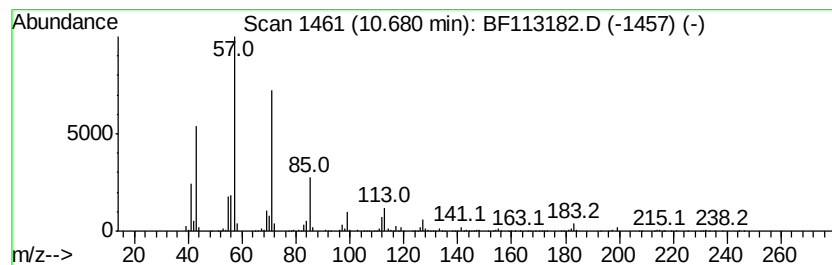
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 9 Undecane, 6-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	19.10 ng	792332	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3		Sulfurous acid, 2-ethylhexyl nonyl...	320	C17H36O3S	1000309-19-2	72
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113182.D
 Acq On : 20 Mar 2019 20:28
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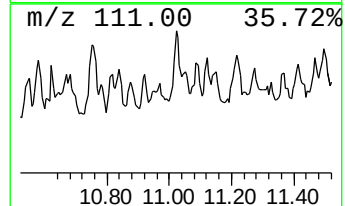
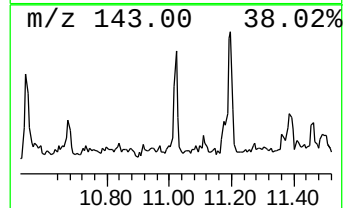
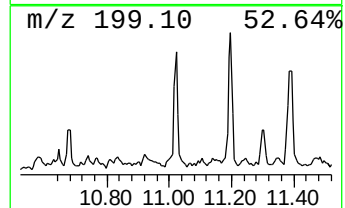
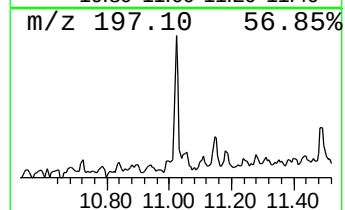
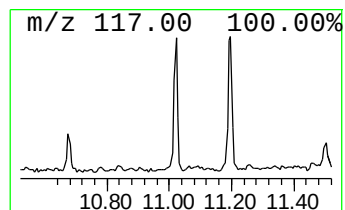
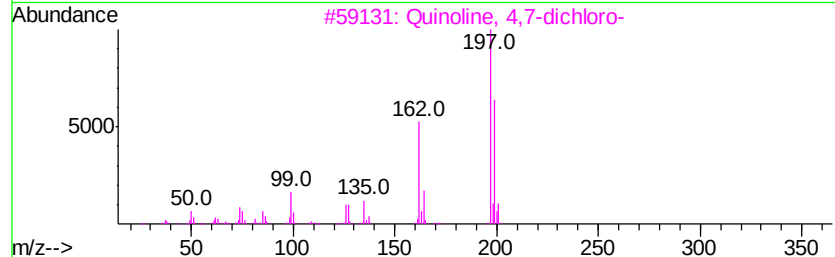
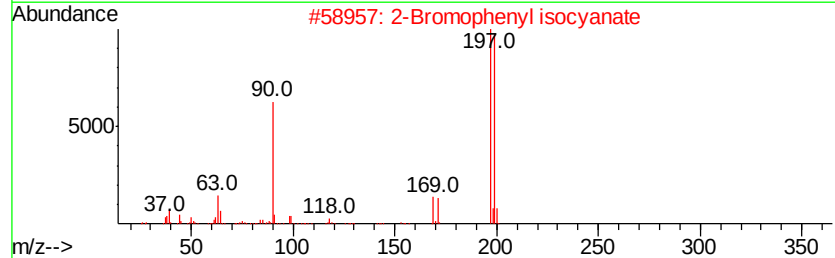
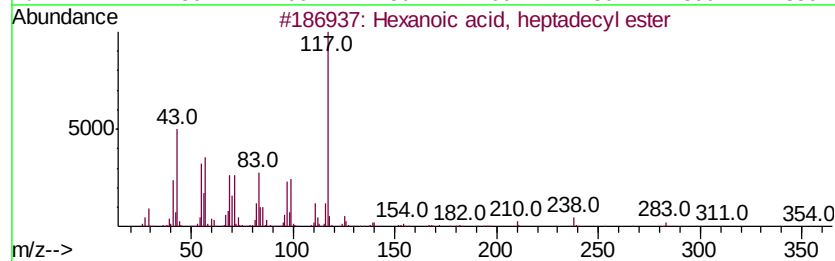
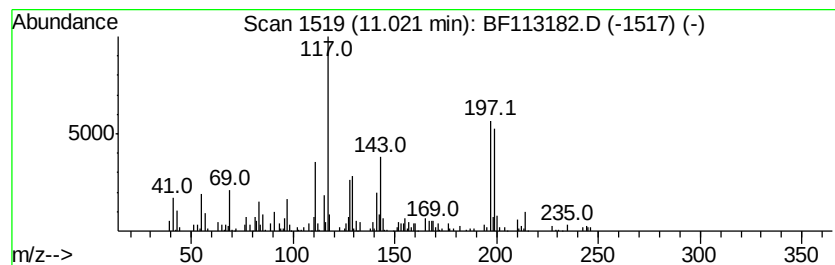
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 unknown11.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	2.03 ng	84379	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, heptadecyl ester	354	C23H46O2	1000282-83-9	14
2		2-Bromophenyl isocyanate	197	C7H4BrNO	001592-00-3	14
3		Quinoline, 4,7-dichloro-	197	C9H5Cl2N	000086-98-6	14
4		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	14
5		s-Indacene, 1,2,3,5,6,7-hexahydr...	214	C16H22	055030-60-9	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
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Sample : K1984-01 10X
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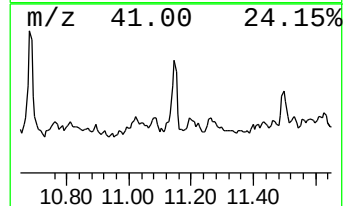
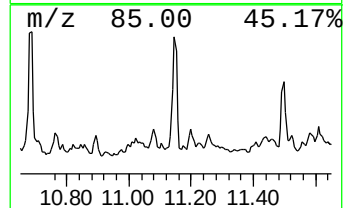
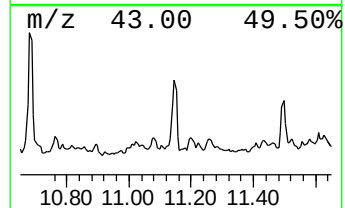
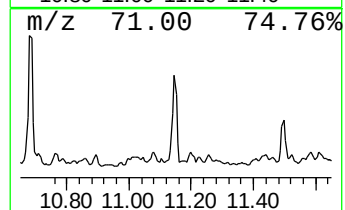
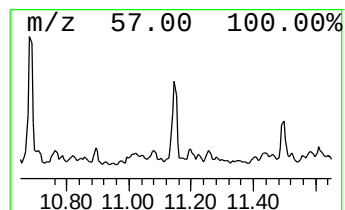
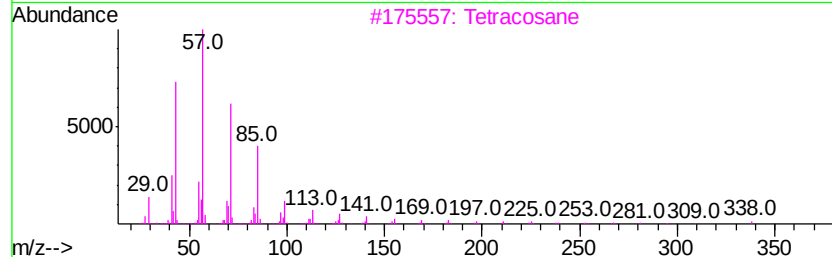
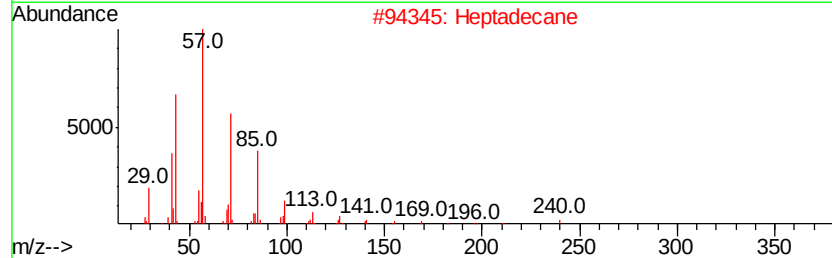
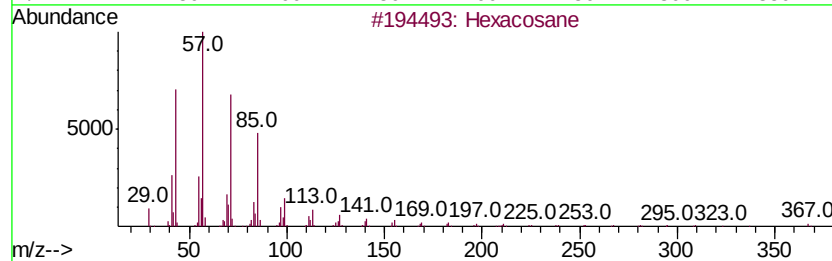
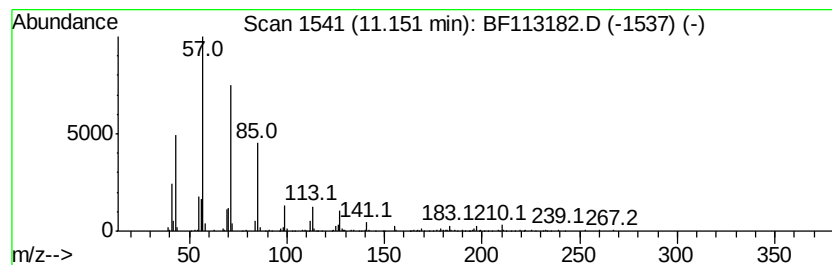
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ClientSampleId :
SB-12(7-8)

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 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.15	11.06 ng	458912	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113182.D
Acq On : 20 Mar 2019 20:28
Operator : JU/SJ
Sample : K1984-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12(7-8)

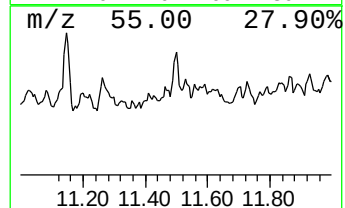
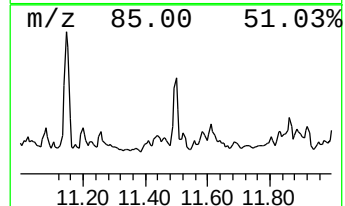
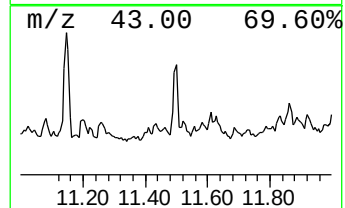
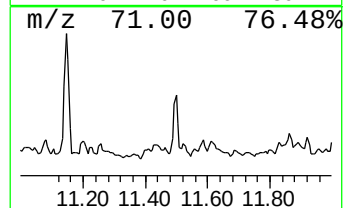
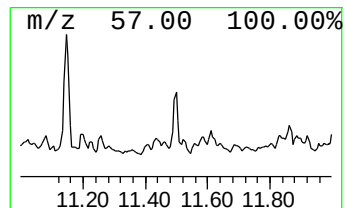
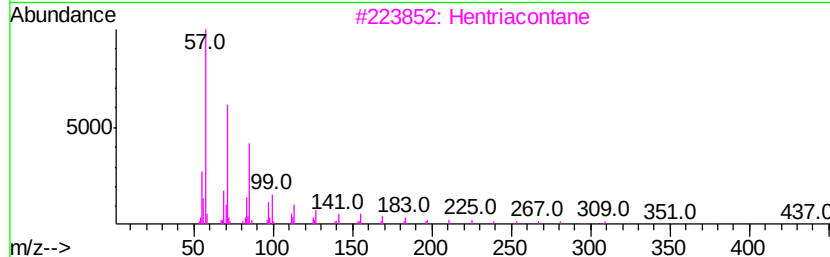
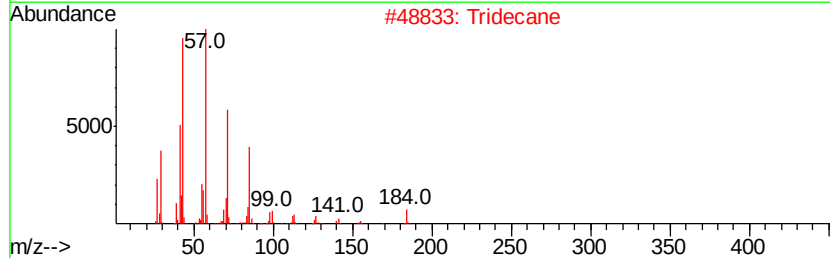
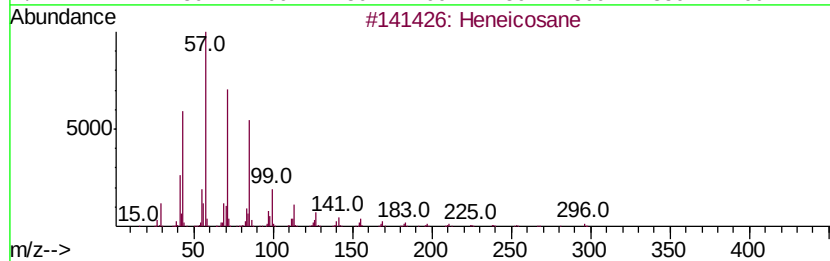
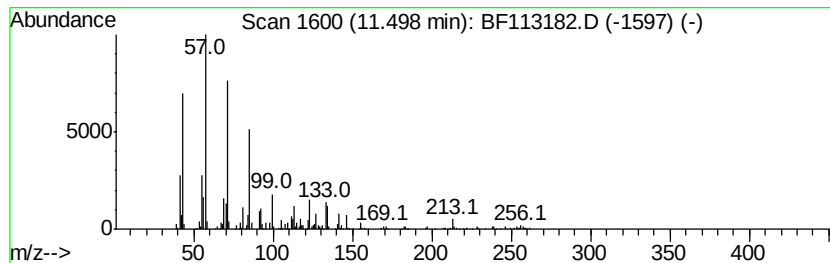
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	7.69 ng	319020	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	74
2	Tridecane		184	C13H28	000629-50-5	74
3	Hentriacontane		437	C31H64	000630-04-6	74
4	Hexacosane		366	C26H54	000630-01-3	74
5	Octacosane		394	C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
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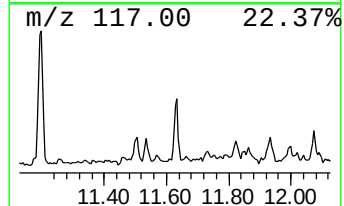
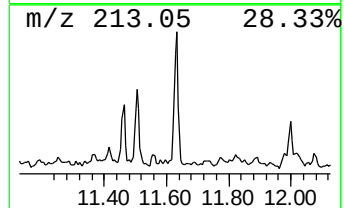
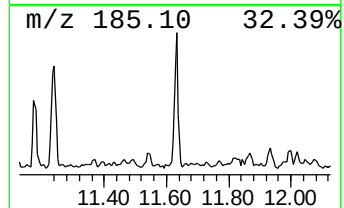
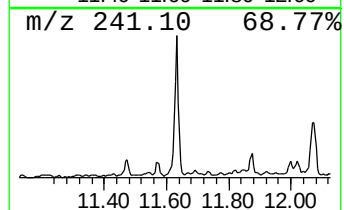
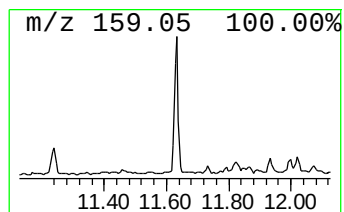
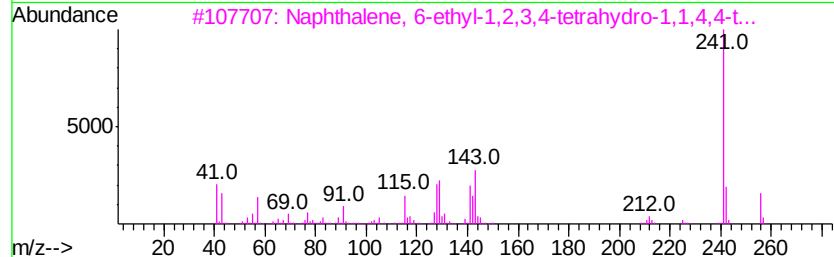
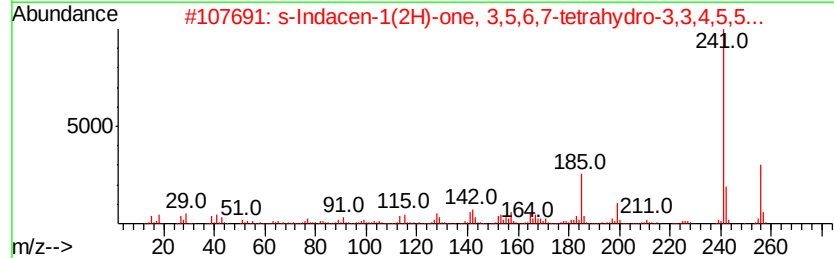
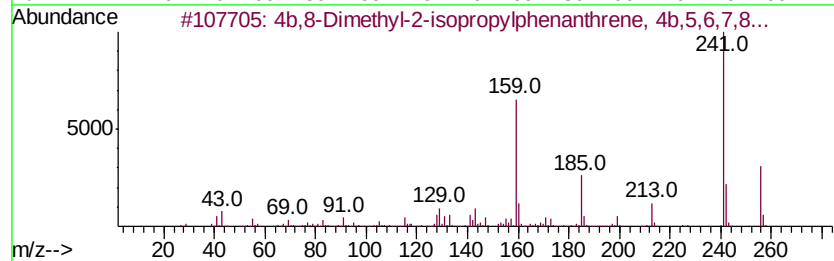
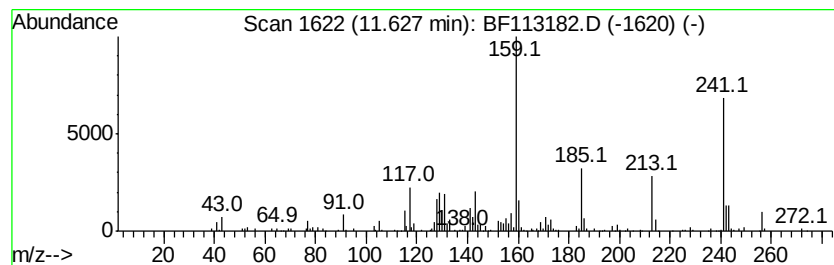
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.63	6.17 ng	256083	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	50
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	49
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	46
4	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	38
5	Methyl 3-amino-2-cyano-3-(3-indo...	241	C13H11N3O2	018234-27-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113182.D
Acq On : 20 Mar 2019 20:28
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Sample : K1984-01 10X
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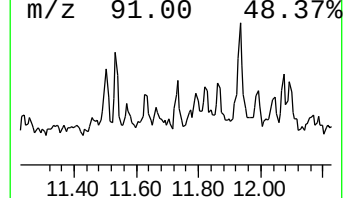
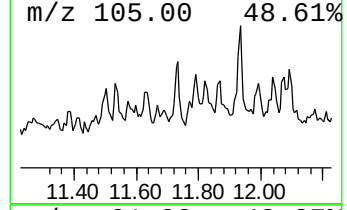
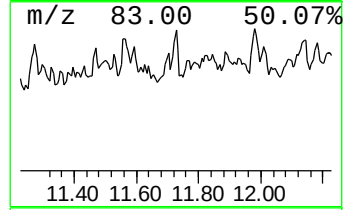
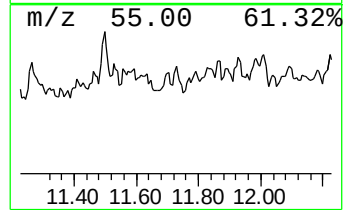
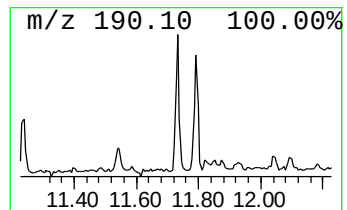
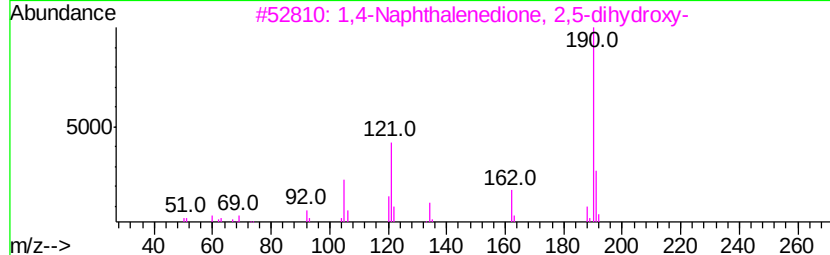
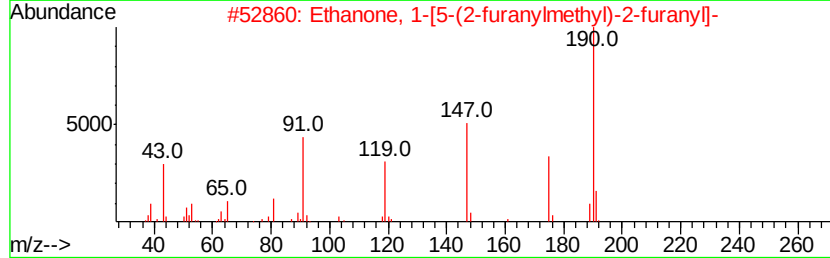
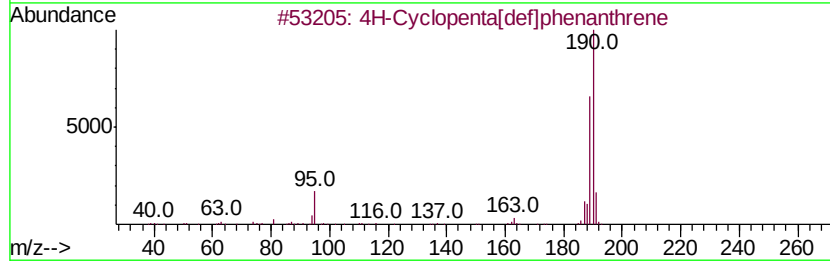
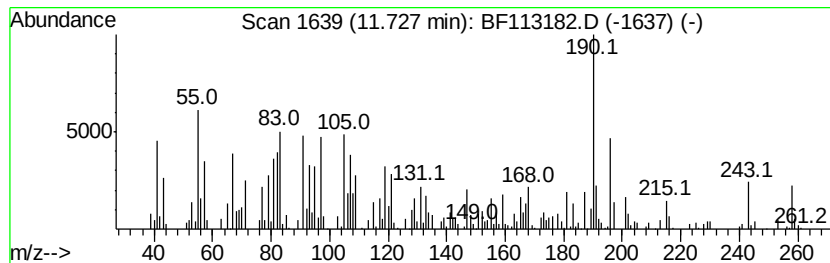
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ClientSampleId :
SB-12(7-8)

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 14 unknown11.73 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.73	3.54 ng	146985	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	27
2	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	27
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	27
4	Indole-1-carboxylic acid, 4-amin...	190	C10H10N2O2	081038-30-4	27
5	4,7-Dimethoxy-2-methyl-1H-indene	190	C12H14O2	1000188-03-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
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Sample : K1984-01 10X
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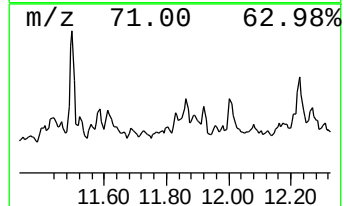
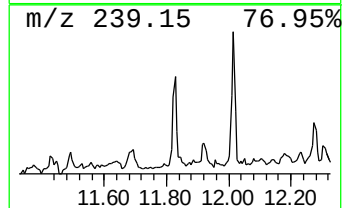
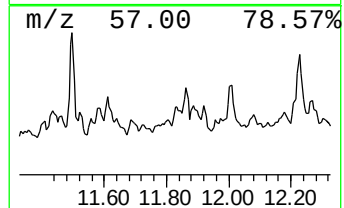
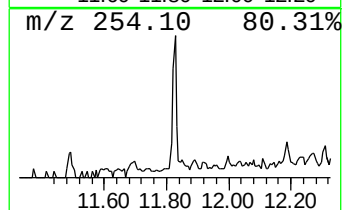
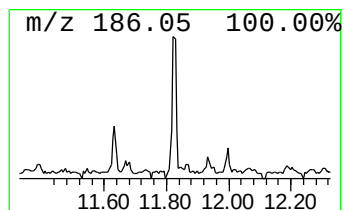
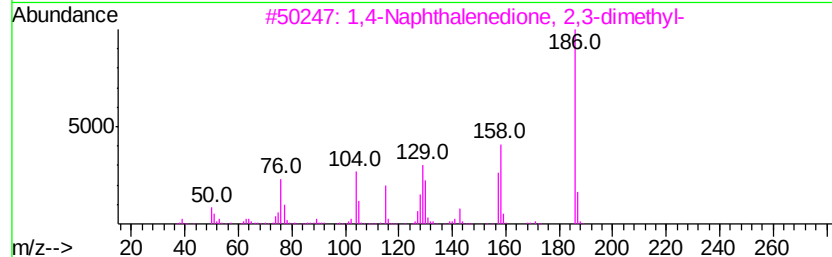
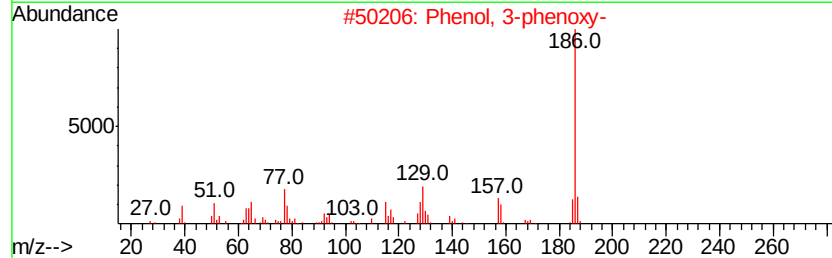
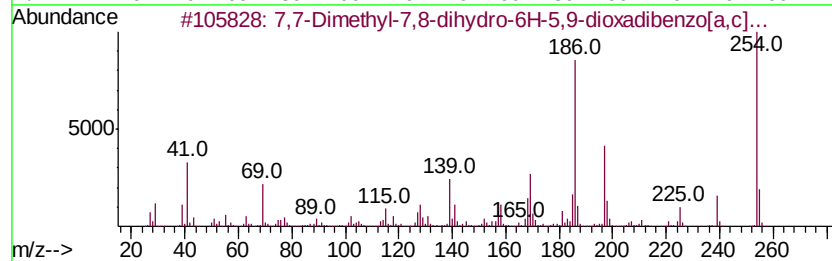
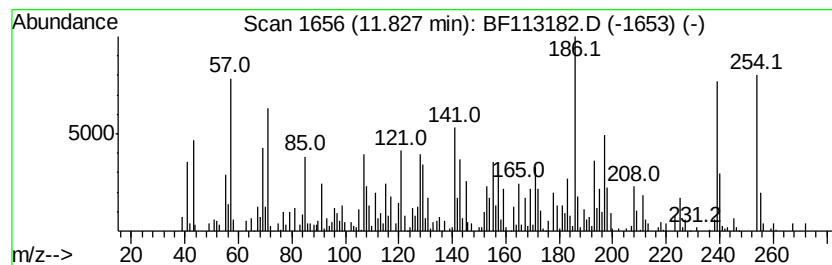
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown11.83 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	5.74 ng	238145	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,7-Dimethyl-7,8-dihydro-6H-5,9-...	254	C17H18O2	161895-54-1	43
2	Phenol, 3-phenoxy-	186	C12H10O2	000713-68-8	25
3	1,4-Naphthalenedione, 2,3-dimethyl-	186	C12H10O2	002197-57-1	25
4	1H-Benzimidazole, 2-(3-nitrophe...	239	C13H9N3O2	1000305-12-9	15
5	Anthracene, 1,2,3,4,5,6,7,8-octa...	186	C14H18	001079-71-6	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
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Sample : K1984-01 10X
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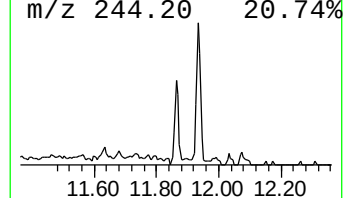
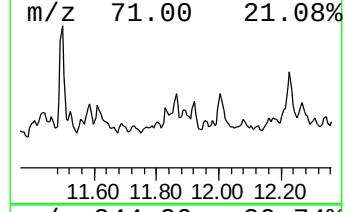
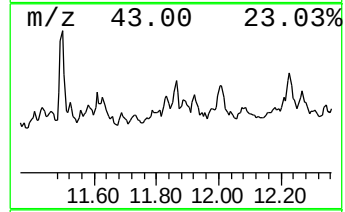
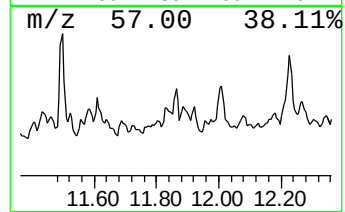
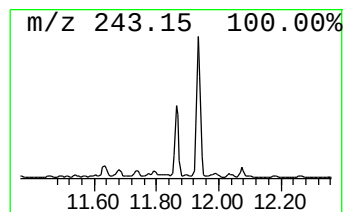
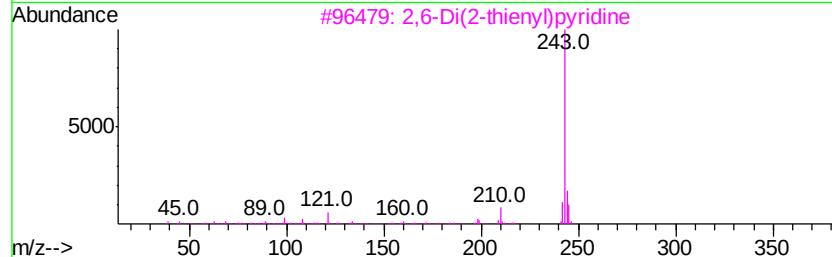
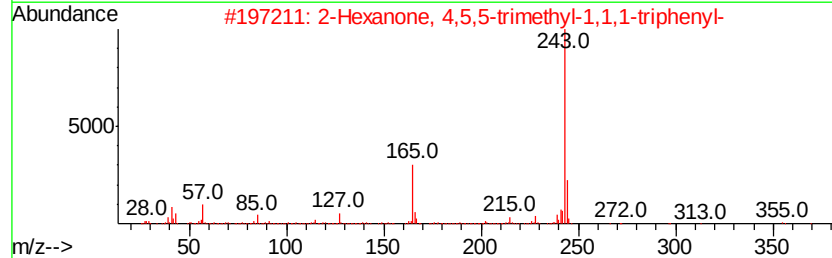
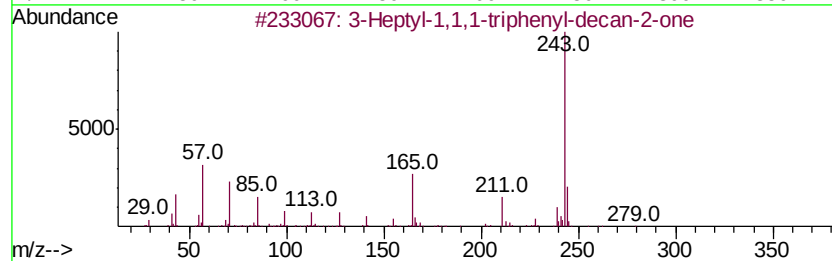
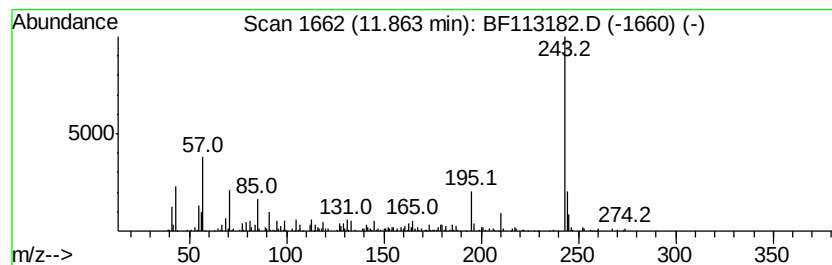
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-Heptyl-1,1,1-triphenyl-de... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	3.92 ng	162606	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptyl-1,1,1-triphenyl-decan-2...	482	C35H46O	1000185-09-6	59
2	2-Hexanone, 4,5,5-trimethyl-1,1,...	370	C27H30O	072152-23-9	50
3	2,6-Di(2-thienyl)pyridine	243	C13H9NS2	035299-71-9	49
4	2-Hexanone, 4-hydroxy-3-methyl-1...	358	C25H26O2	1000198-02-1	47
5	.alpha.-Hydroxy-.alpha.-phenyl-4...	502	C33H39FO3	168104-63-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
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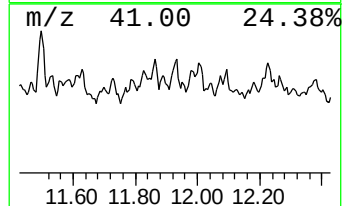
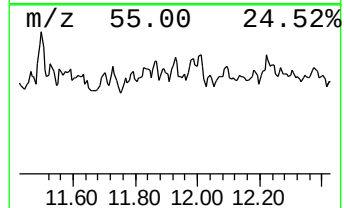
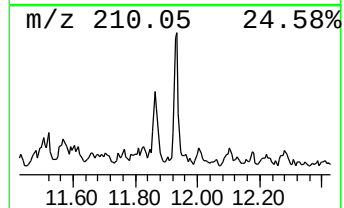
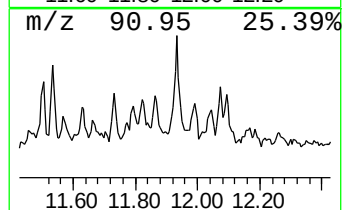
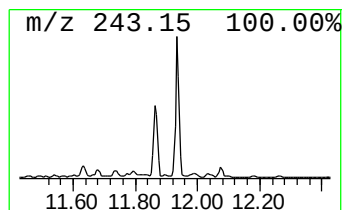
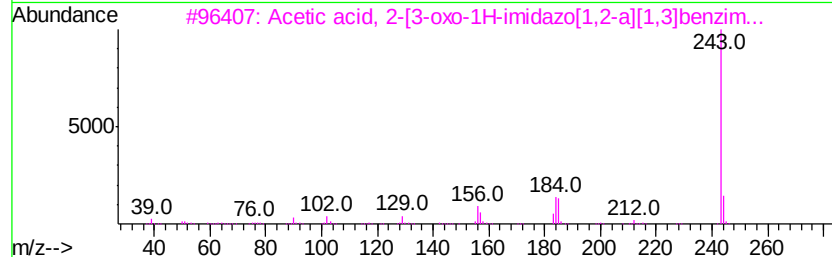
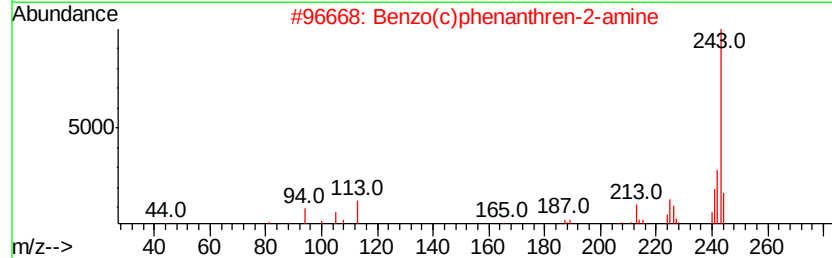
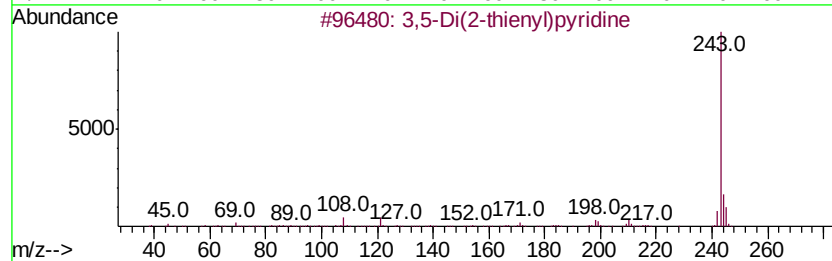
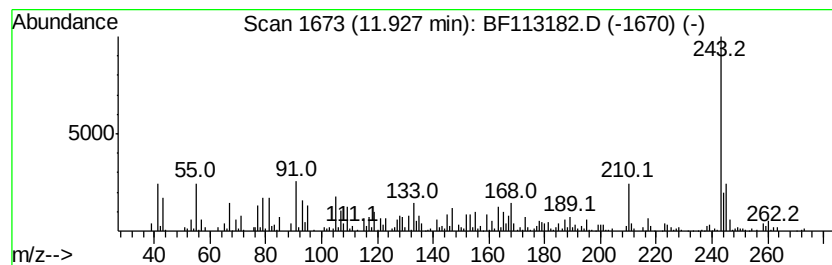
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,5-Di(2-thienyl)pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	8.25 ng	342426	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	64
2	Benzo(c)phenanthren-2-amine	243	C18H13N	004235-06-7	59
3	Acetic acid, 2-[3-oxo-1H-imidazo...	243	C12H9N3O3	1000337-79-9	59
4	9H-Carbazole, 9-phenyl-	243	C18H13N	001150-62-5	59
5	2-Imidazolic aldehyde, 1-triphen...	338	C23H18N2O	067478-50-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113182.D
Acq On : 20 Mar 2019 20:28
Operator : JU/SJ
Sample : K1984-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

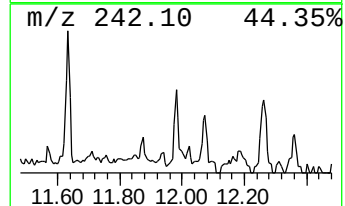
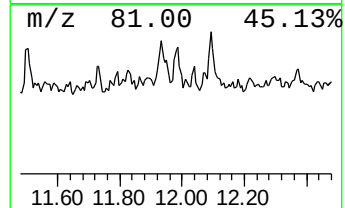
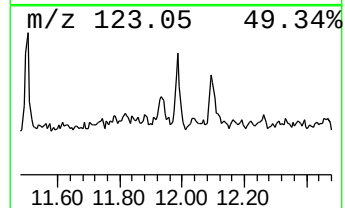
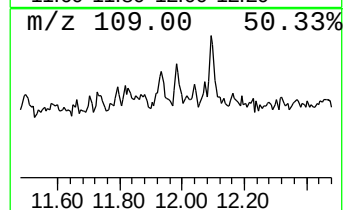
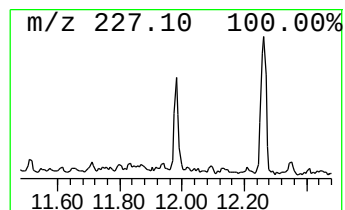
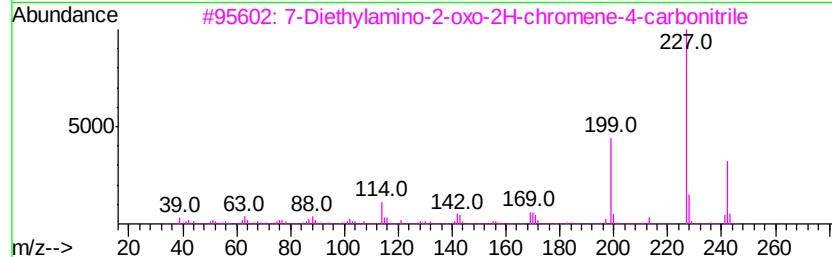
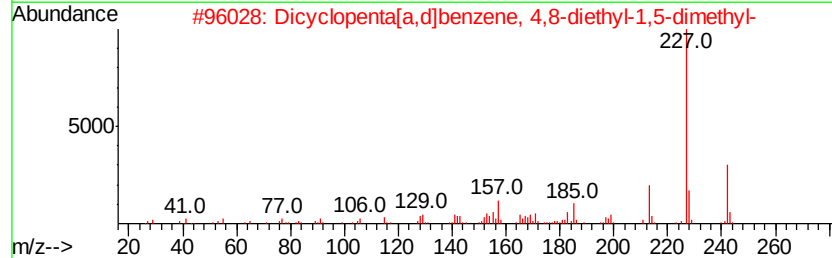
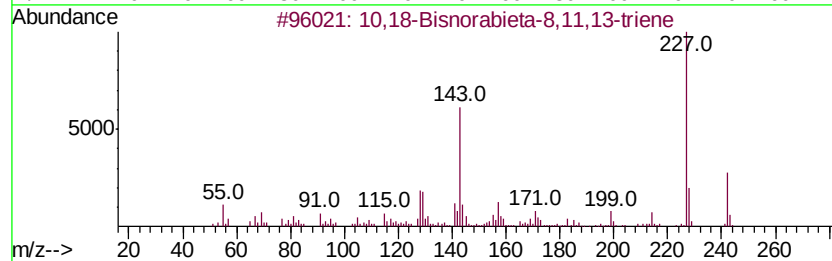
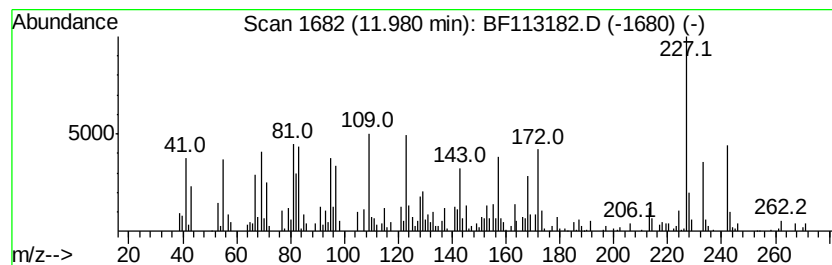
Instrument :
BNA_F
ClientSampleId :
SB-12(7-8)

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 unknown11.98 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	3.38 ng	140097	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	49
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	35
3	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	30
4	2-(4'-(Hydroxyphenyl)-2-(4'-(metho...	242	C16H18O2	016530-58-8	27
5	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
Data File : BF113182.D
Acq On : 20 Mar 2019 20:28
Operator : JU/SJ
Sample : K1984-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

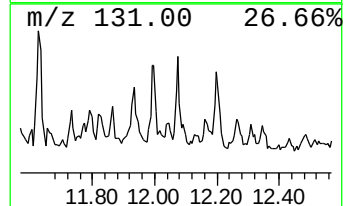
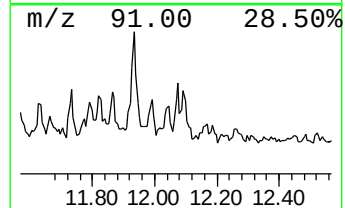
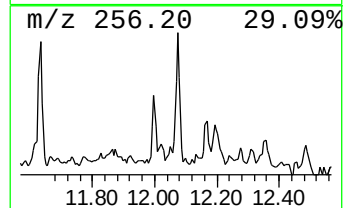
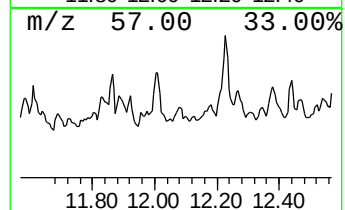
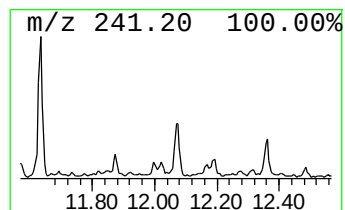
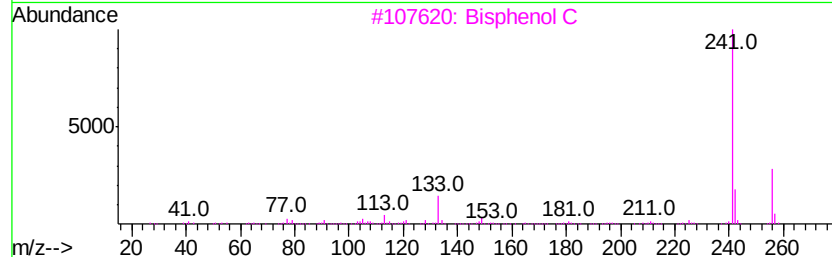
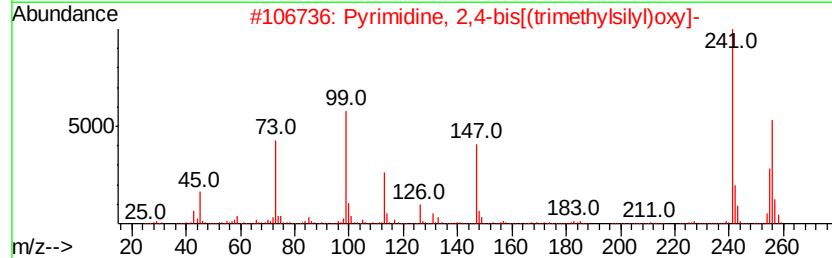
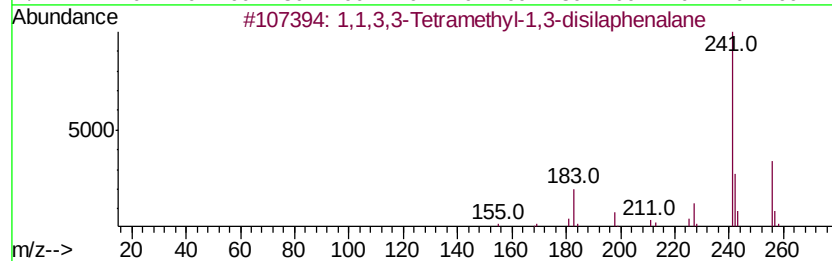
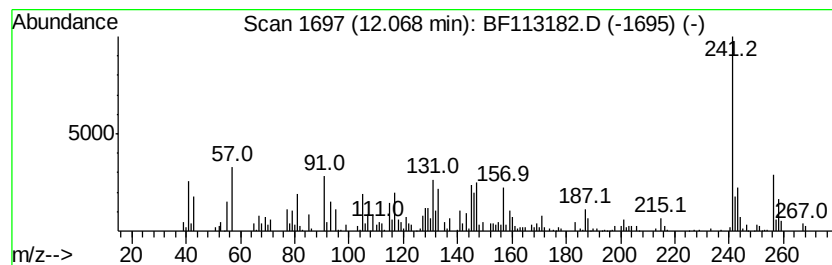
Instrument :
BNA_F
ClientSampleId :
SB-12(7-8)

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 1,1,3,3-Tetramethyl-1,3-dis... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.07	3.25 ng	134874	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,3-Tetramethyl-1,3-disilaph...	256	C15H20Si2	032538-51-5	50
2	Pyrimidine, 2,4-bis[(trimethylsi...	256	C10H20N2O2Si2	010457-14-4	49
3	Bisphenol C	256	C17H20O2	000079-97-0	38
4	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	38
5	Pyrazine, 2,5-bis(trimethylsilyl...	256	C10H20N2O2Si2	1000151-99-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113182.D
 Acq On : 20 Mar 2019 20:28
 Operator : JU/SJ
 Sample : K1984-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(7-8)

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
unknown6.49	6.49	8.0	ng	266156	1	6.72	662601	20.0
Cyclohexane, (4-m...	8.30	2.2	ng	102709	2	8.00	925651	20.0
Hexadecane	9.49	5.9	ng	305925	3	9.76	1040140	20.0
unknown9.92	9.92	2.6	ng	135318	3	9.76	1040140	20.0
Dodecane, 4-cyclo...	10.02	2.7	ng	141895	3	9.76	1040140	20.0
Sulfurous acid, c...	10.32	2.8	ng	143428	3	9.76	1040140	20.0
Pentadecane, 2,6,...	10.42	6.1	ng	315021	3	9.76	1040140	20.0
Undecane, 6-ethyl-	10.68	19.1	ng	792332	4	11.24	829671	20.0
unknown11.02	11.02	2.0	ng	84379	4	11.24	829671	20.0
Hexacosane	11.15	11.1	ng	458912	4	11.24	829671	20.0
Heneicosane	11.50	7.7	ng	319020	4	11.24	829671	20.0
4b,8-Dimethyl-2-i...	11.63	6.2	ng	256083	4	11.24	829671	20.0
unknown11.73	11.73	3.5	ng	146985	4	11.24	829671	20.0
unknown11.83	11.83	5.7	ng	238145	4	11.24	829671	20.0
3-Heptyl-1,1,1-tr...	11.86	3.9	ng	162606	4	11.24	829671	20.0
3,5-Di(2-thienyl)...	11.93	8.3	ng	342426	4	11.24	829671	20.0
unknown11.98	11.98	3.4	ng	140097	4	11.24	829671	20.0
1,1,3,3-Tetrameth...	12.07	3.3	ng	134874	4	11.24	829671	20.0