

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051520\
 Data File : BF120334.D
 Acq On : 15 May 2020 21:07
 Operator : MA/SJ
 Sample : L2665-04 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0373-FIELD-BLANK

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-BF051420.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	5.228	531	534	554	rBV	601635	871406	9.94%	0.786%
2	6.269	708	711	732	rBV	576712	885086	10.09%	0.798%
3	6.610	766	769	781	rBV	1118878	1432341	16.33%	1.292%
4	6.769	792	796	810	rBV	700169	829075	9.45%	0.748%
5	7.181	863	866	875	rBV	431107	582397	6.64%	0.525%
6	7.534	923	926	932	rBV5	115004	140754	1.60%	0.127%
7	7.898	982	988	990	rBV	1973526	1940217	22.12%	1.750%
8	7.916	990	991	995	rVV	459072	512195	5.84%	0.462%
9	7.945	995	996	999	rVB2	219135	151592	1.73%	0.137%
10	8.186	1034	1037	1040	rVB4	135747	165878	1.89%	0.150%
11	8.281	1050	1053	1056	rBV2	136178	133928	1.53%	0.121%
12	8.345	1060	1064	1065	rBV3	158249	219145	2.50%	0.198%
13	8.398	1070	1073	1077	rBV4	131670	178965	2.04%	0.161%
14	8.522	1091	1094	1097	rBV4	93912	147104	1.68%	0.133%
15	8.610	1107	1109	1112	rVB	459861	393195	4.48%	0.355%
16	8.710	1122	1126	1131	rBV2	569024	956674	10.91%	0.863%
17	8.845	1146	1149	1151	rBV3	204404	253900	2.90%	0.229%
18	8.886	1154	1156	1158	rVB2	223640	167679	1.91%	0.151%
19	8.916	1158	1161	1166	rBV5	158185	299659	3.42%	0.270%
20	8.975	1166	1171	1175	rBV	1324908	1486609	16.95%	1.341%
21	9.010	1175	1177	1180	rVB4	194159	151284	1.73%	0.136%
22	9.045	1180	1183	1187	rBV4	503172	774030	8.83%	0.698%
23	9.128	1194	1197	1199	rBV2	239353	190647	2.17%	0.172%
24	9.245	1213	1217	1221	rVB2	394923	577301	6.58%	0.521%
25	9.286	1221	1224	1226	rBV4	393886	439277	5.01%	0.396%
26	9.310	1226	1228	1231	rBV	688820	742481	8.47%	0.670%
27	9.339	1231	1233	1234	rVV2	371311	250865	2.86%	0.226%
28	9.357	1234	1236	1238	rVB	932240	618920	7.06%	0.558%
29	9.380	1238	1240	1243	rBV3	221160	262098	2.99%	0.236%
30	9.410	1243	1245	1247	rBV2	280739	280605	3.20%	0.253%
31	9.516	1260	1263	1265	rBV2	775231	851336	9.71%	0.768%
32	9.563	1268	1271	1274	rVB2	1522840	1431643	16.32%	1.292%
33	9.598	1274	1277	1280	rBV3	464642	582778	6.65%	0.526%
34	9.651	1280	1286	1289	rBV3	2572594	3588411	40.92%	3.237%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.686	1289	1292	1295	rVB	3039241	2766889	31.55%	2.496%
36	9.816	1311	1314	1316	rBV3	436982	583481	6.65%	0.526%
37	9.857	1318	1321	1324	rVV	1776023	1529927	17.45%	1.380%
38	9.975	1338	1341	1342	rBV3	710573	791146	9.02%	0.714%
39	10.057	1352	1355	1358	rBV3	1286433	1268508	14.46%	1.144%
40	10.204	1376	1380	1386	rBV	2822425	3990467	45.50%	3.600%
41	10.286	1392	1394	1396	rBV	585000	454670	5.18%	0.410%
42	10.322	1397	1400	1404	rVV4	863074	1170755	13.35%	1.056%
43	10.445	1418	1421	1424	rBV	1030776	1386209	15.81%	1.251%
44	10.586	1443	1445	1450	rVB	1594566	1554677	17.73%	1.403%
45	11.180	1541	1546	1549	rVB	5878147	8180361	93.28%	7.380%
46	11.227	1551	1554	1557	rVB	3021216	2586541	29.49%	2.333%
47	12.374	1743	1749	1756	rVB	6145900	8769919	100.00%	7.912%
48	12.598	1781	1787	1791	rVB2	5674702	8556811	97.57%	7.720%
49	13.421	1924	1927	1931	rVB	1277111	1270831	14.49%	1.146%
50	13.527	1942	1945	1947	rBV	900091	870373	9.92%	0.785%
51	13.551	1947	1949	1952	rVB	682942	601849	6.86%	0.543%
52	13.627	1959	1962	1969	rVB	1668477	1917339	21.86%	1.730%
53	13.774	1982	1987	1990	rBV2	4382047	6360880	72.53%	5.739%
54	13.810	1990	1993	2000	rVB	4348278	4689602	53.47%	4.231%
55	13.880	2003	2005	2008	rVB	674918	590932	6.74%	0.533%
56	14.163	2050	2053	2056	rVB	933834	834561	9.52%	0.753%
57	14.192	2056	2058	2063	rVB2	471635	534669	6.10%	0.482%
58	14.468	2103	2105	2108	rBV	371715	400507	4.57%	0.361%
59	14.674	2138	2140	2145	rVB3	400541	419215	4.78%	0.378%
60	14.786	2154	2159	2162	rBV2	3206834	5471259	62.39%	4.936%
61	14.851	2167	2170	2171	rVV	402471	380559	4.34%	0.343%
62	14.874	2171	2174	2180	rVB2	1226604	1476798	16.84%	1.332%
63	15.057	2201	2205	2210	rVB	1935286	2504078	28.55%	2.259%
64	15.115	2210	2215	2220	rBV	2845992	3545212	40.42%	3.198%
65	15.168	2220	2224	2226	rVV	1058258	1261223	14.38%	1.138%
66	15.198	2226	2229	2237	rVB2	782361	1235931	14.09%	1.115%
67	15.368	2255	2258	2262	rVB2	424627	540992	6.17%	0.488%
68	15.580	2290	2294	2300	rVB2	463590	736754	8.40%	0.665%
69	16.286	2410	2414	2417	rBV2	377926	622082	7.09%	0.561%
70	16.498	2443	2450	2455	rBV	1467607	3003138	34.24%	2.709%
71	16.645	2471	2475	2480	rVB	314660	551855	6.29%	0.498%

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72	16.704	2480	2485	2490	rBV3	389006	777957	8.87%	0.702%
73	16.892	2511	2517	2526	rVB	960615	2032928	23.18%	1.834%
74	16.986	2529	2533	2548	rVB	336273	1126152	12.84%	1.016%
75	17.545	2623	2628	2642	rVB5	383903	1007312	11.49%	0.909%

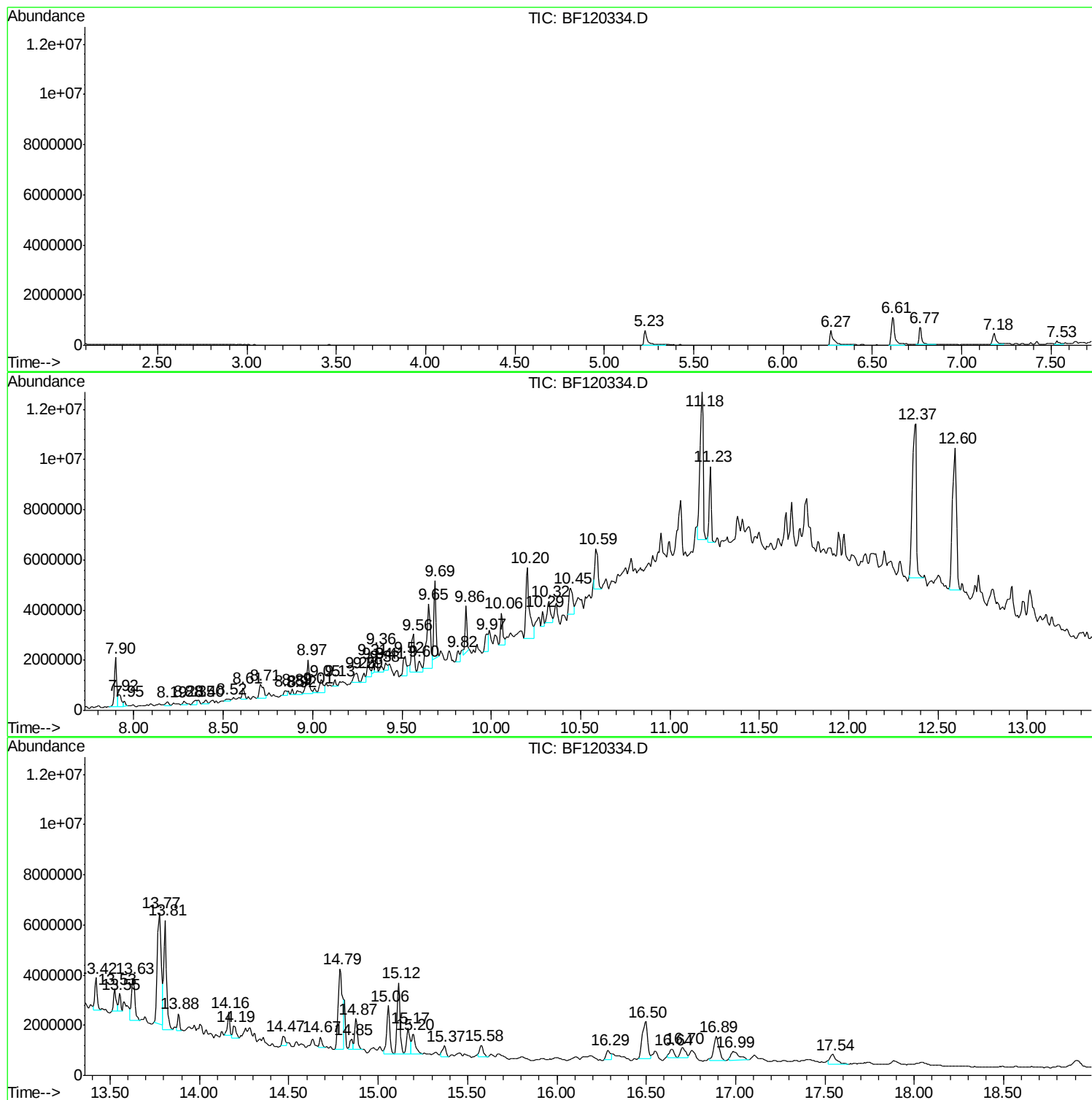
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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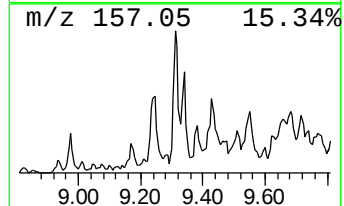
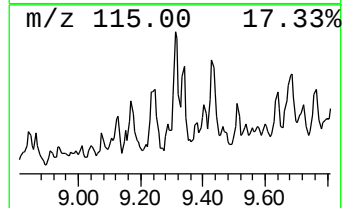
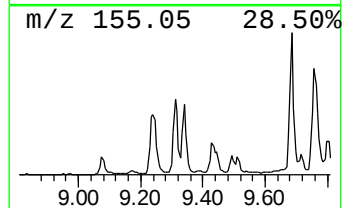
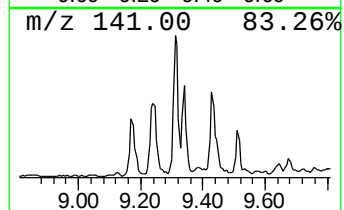
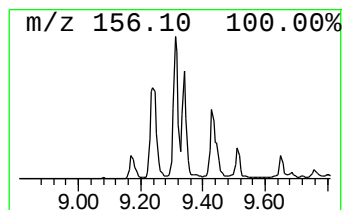
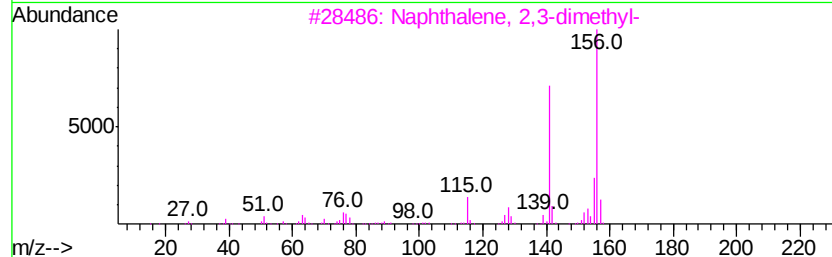
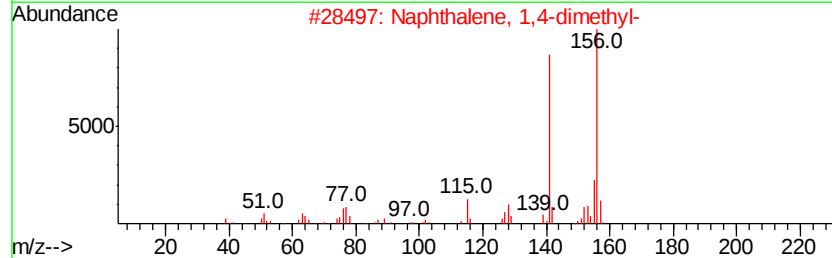
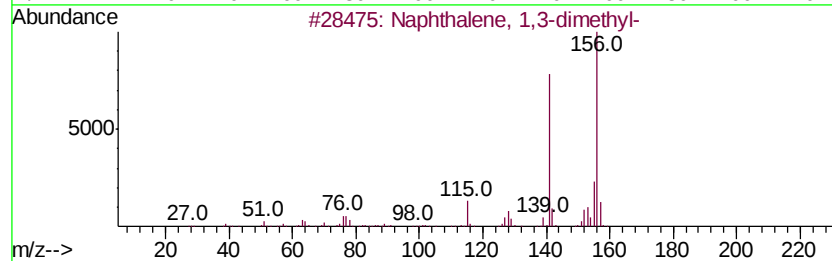
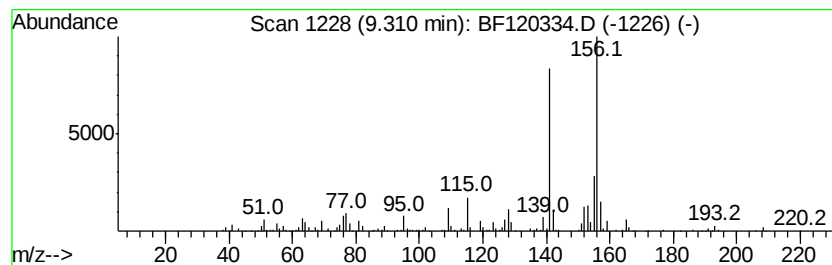
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	4.14 ng	742481	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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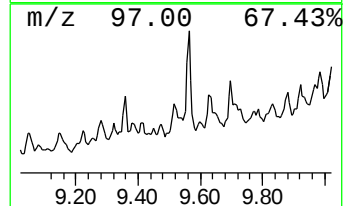
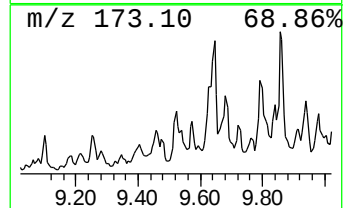
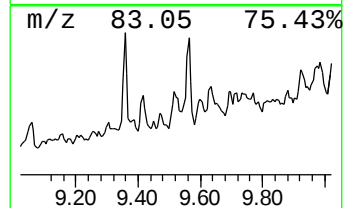
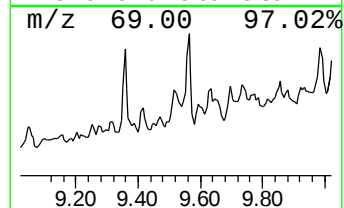
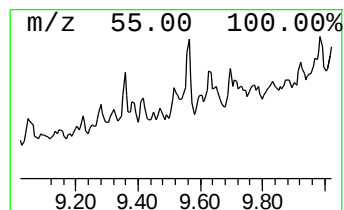
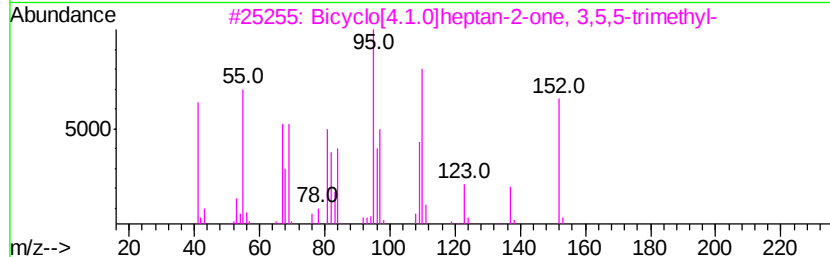
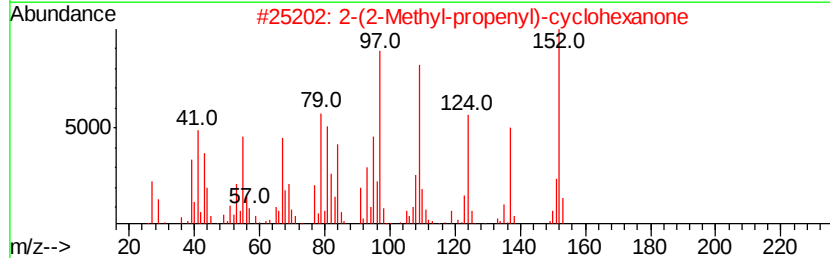
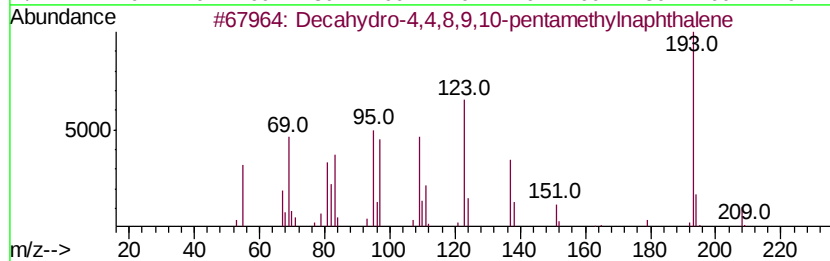
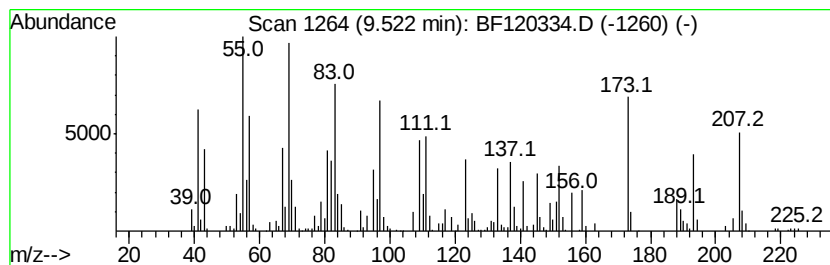
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decahydro-4,4,8,9,10-pentam... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	4.74 ng	851336	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	87
2		2-(2-Methyl-propenyl)-cyclohexanone	152	C10H16O	065737-44-2	41
3		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	35
4		Bicyclo[2.2.1]heptan-2-one, 4,7,...	152	C10H16O	010292-98-5	25
5		1-Adamantanol	152	C10H16O	000768-95-6	25



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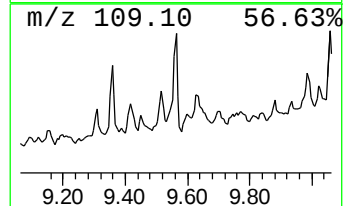
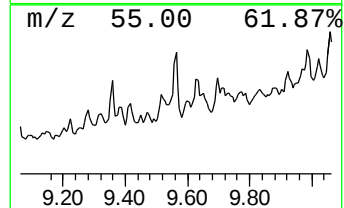
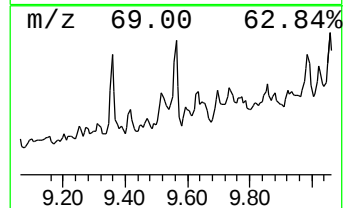
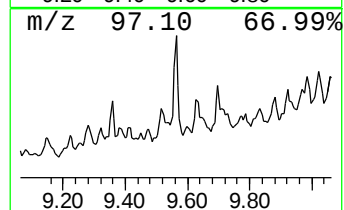
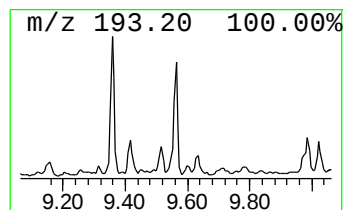
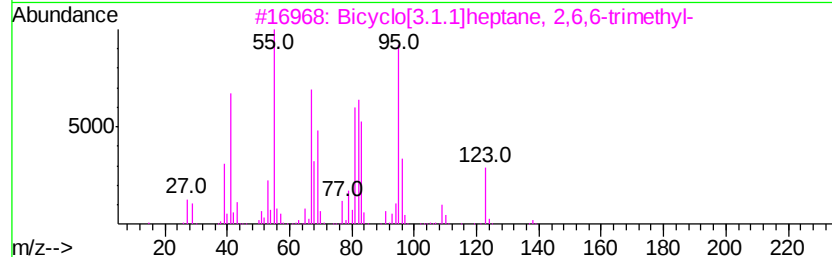
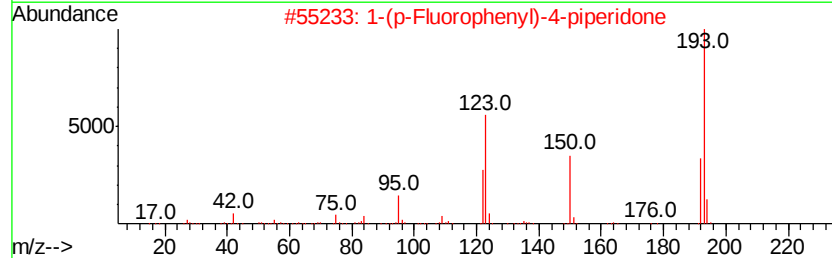
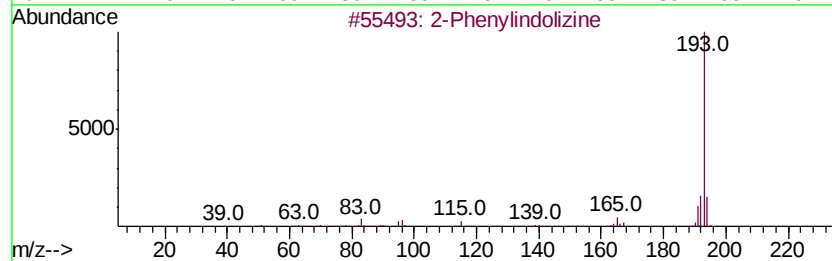
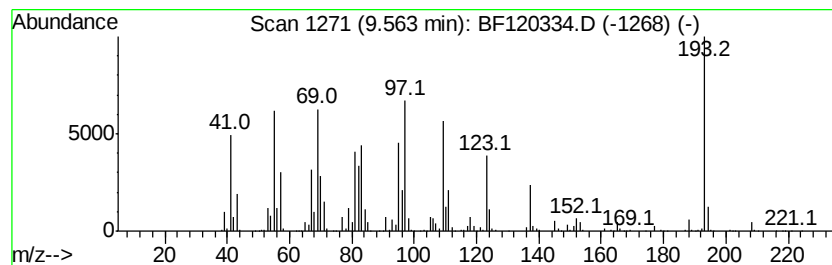
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.56	7.98 ng	1431640	Acenaphthene-d10	9.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Phenylindolizine	193	C14H11N	025379-20-8	35
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	35
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	25
4		Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18
5		8-Methyloctahydrocoumarin	168	C10H16O2	021197-56-8	14



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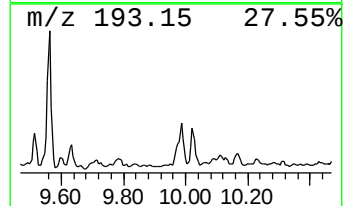
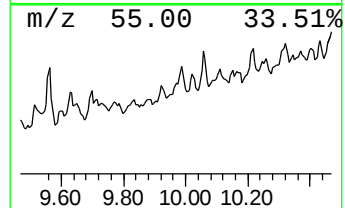
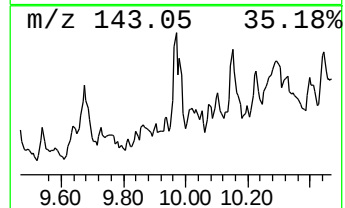
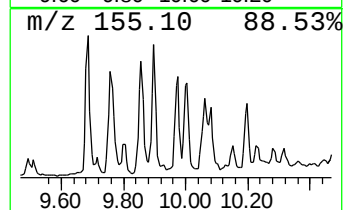
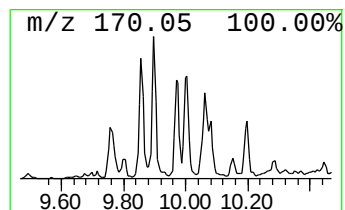
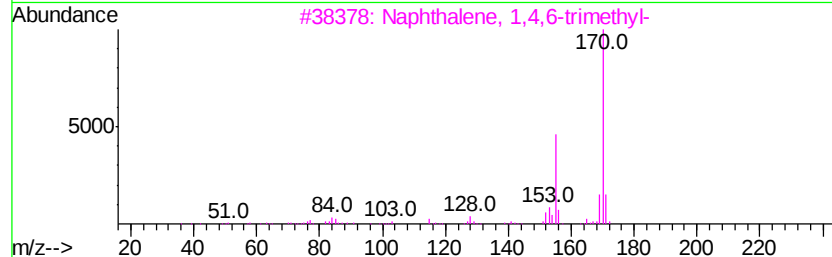
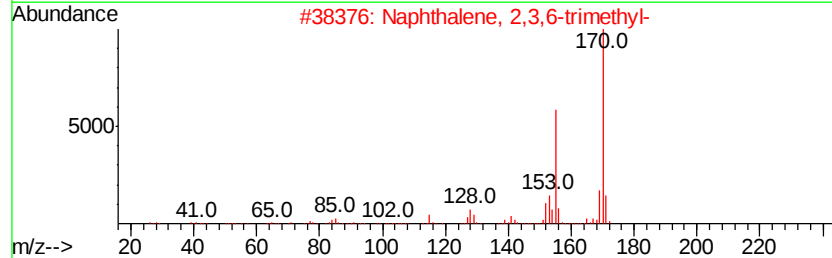
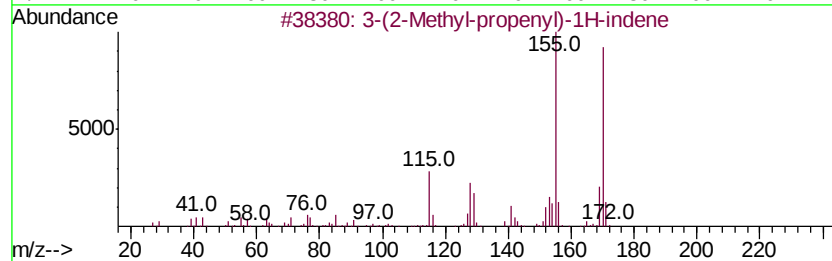
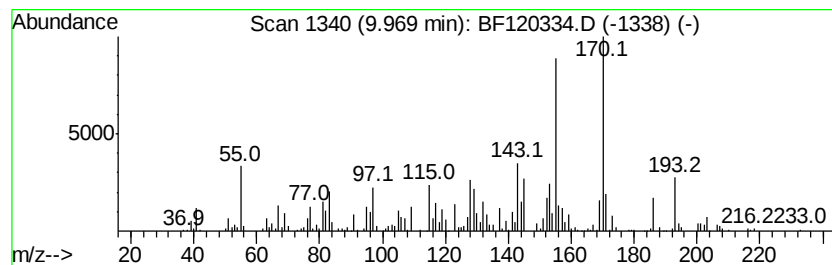
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	4.41 ng	791146	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
Operator : MA/SJ
Sample : L2665-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

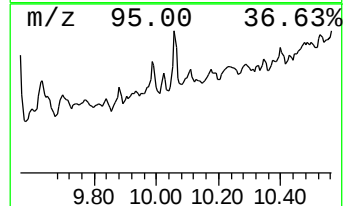
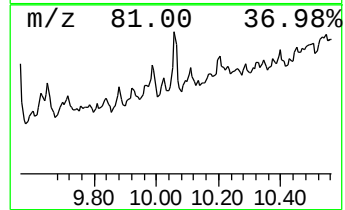
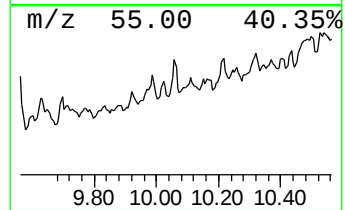
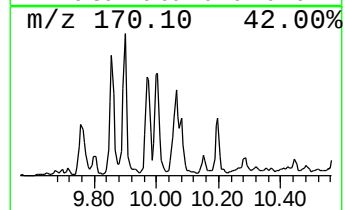
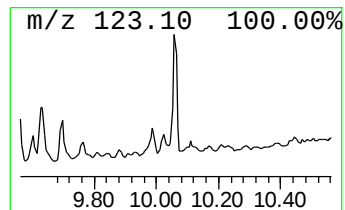
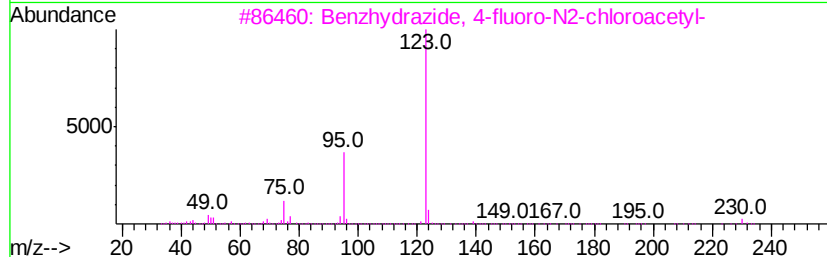
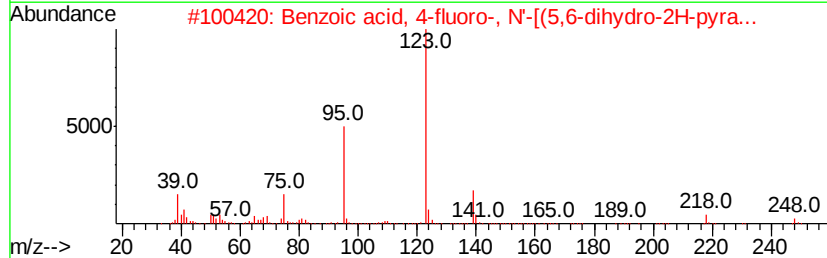
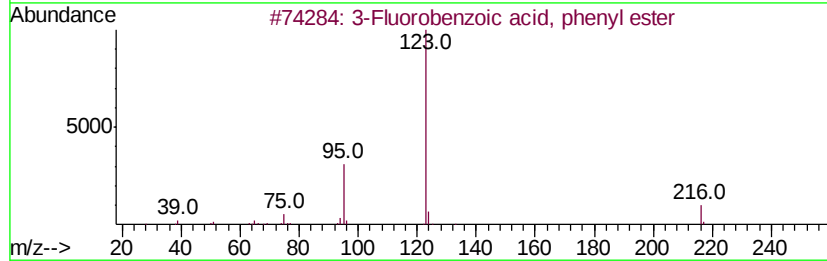
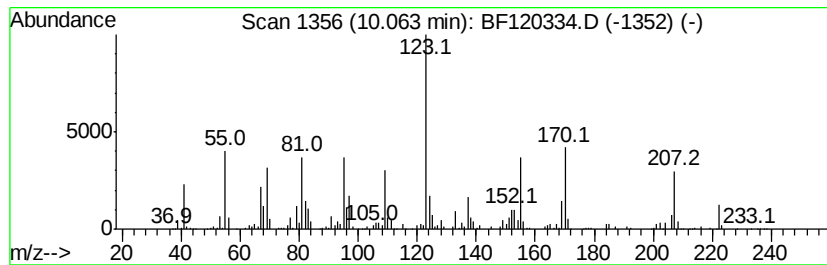
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	7.07 ng	1268510	Acenaphthene-d10	9.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Fluorobenzoic acid, phenyl ester	216 C13H9F02	1000299-05-5	43
2	Benzoic acid, 4-fluoro-, N'-[(5,...	248 C13H13FN202	1000350-57-6	38
3	Benzhydrazide, 4-fluoro-N2-chlor...	230 C9H8ClFN202	1000266-55-2	32
4	Pyridine-3-carboxylic acid, 1-[(...	290 C15H18N204	1000310-27-9	32
5	Glyoxal monoxime, 2-(4-fluorophe...	167 C8H6FN02	017628-74-9	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
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Sample : L2665-04 5X
Misc :
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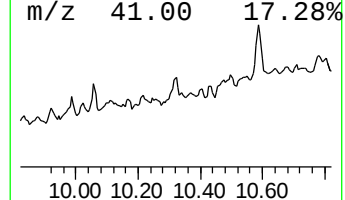
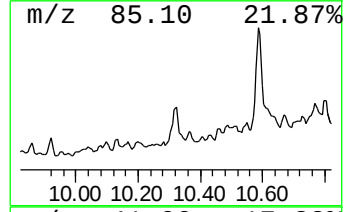
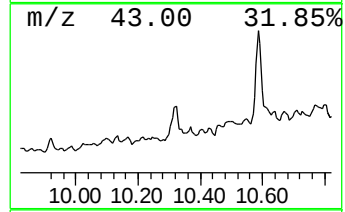
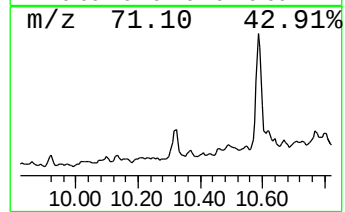
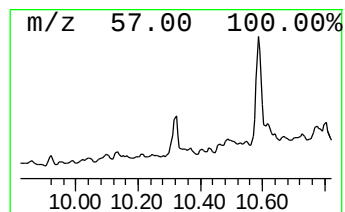
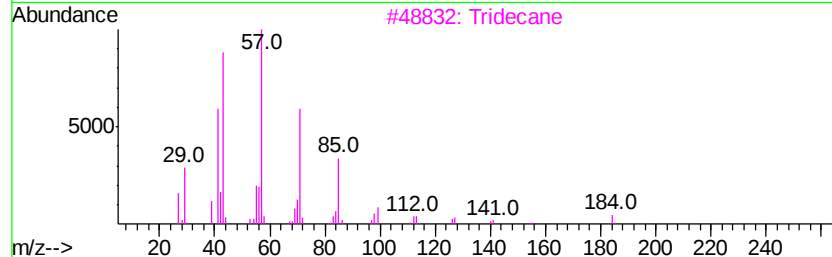
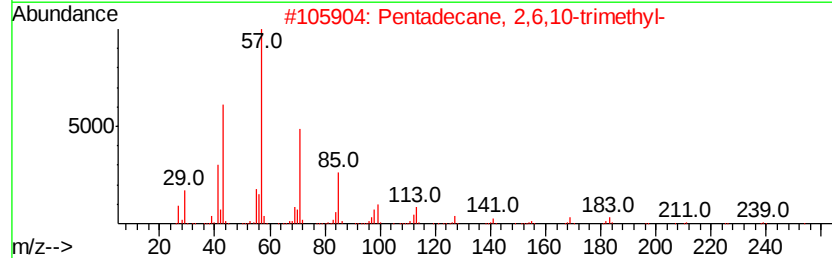
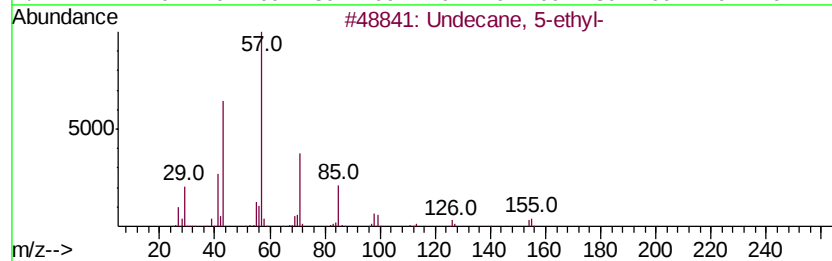
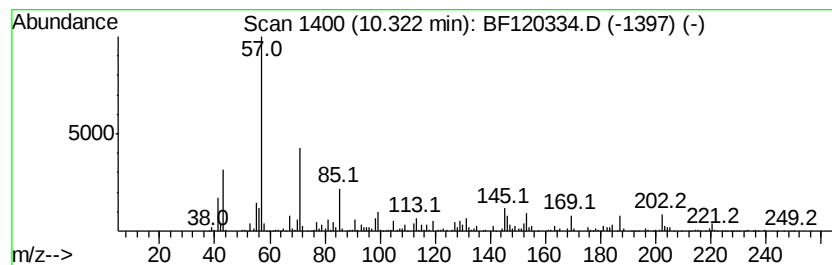
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 5-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.32	6.53 ng	1170760	Acenaphthene-d10		9.65
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
3	Tridecane	184	C13H28	000629-50-5	52
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	47
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
Operator : MA/SJ
Sample : L2665-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

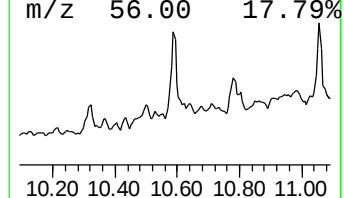
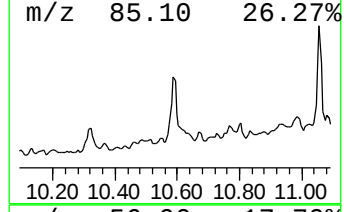
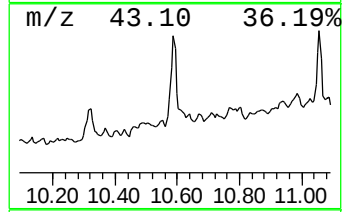
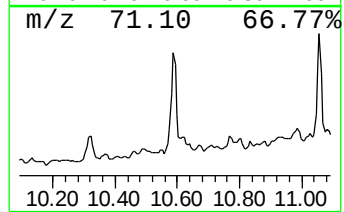
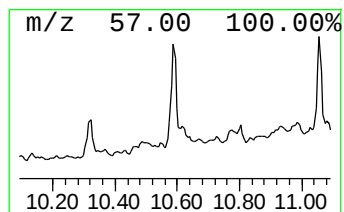
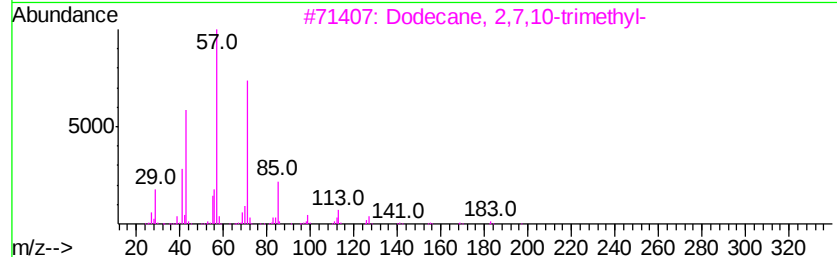
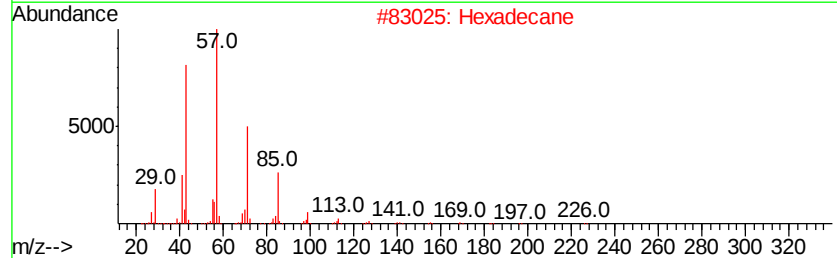
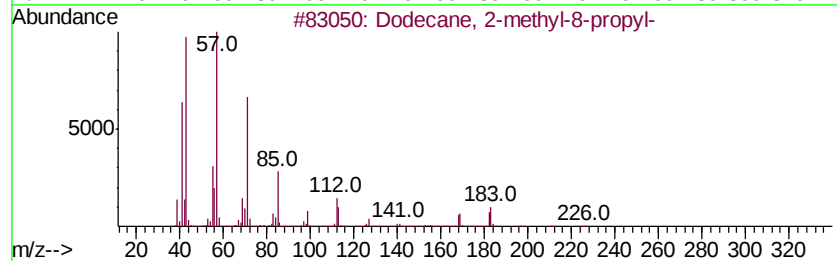
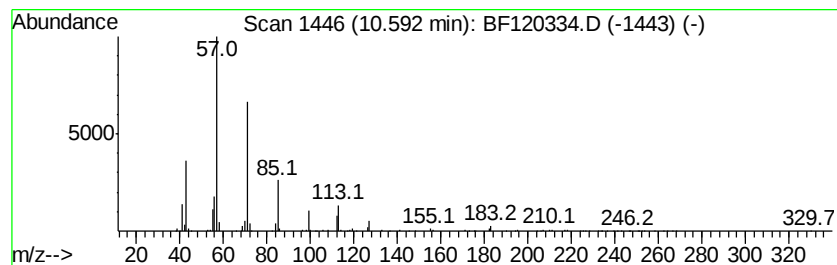
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2-methyl-8-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.59	3.80 ng	1554680	Phenanthrene-d10	11.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90	
2	Hexadecane	226	C16H34	000544-76-3	86	
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83	
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72	
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
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Sample : L2665-04 5X
Misc :
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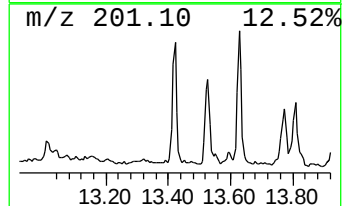
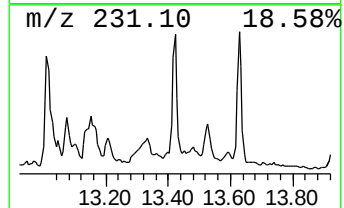
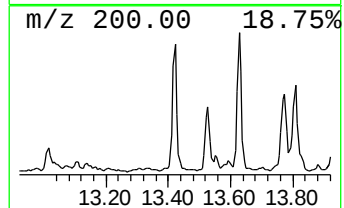
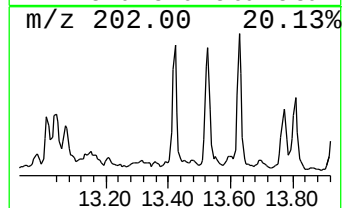
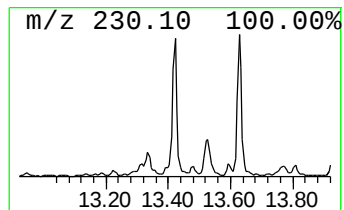
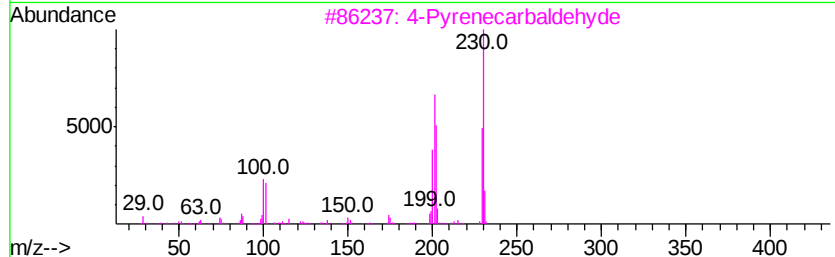
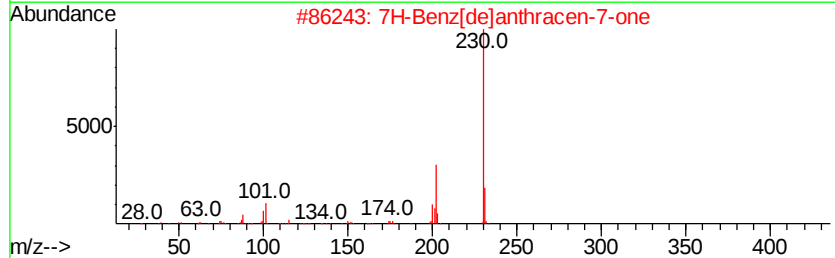
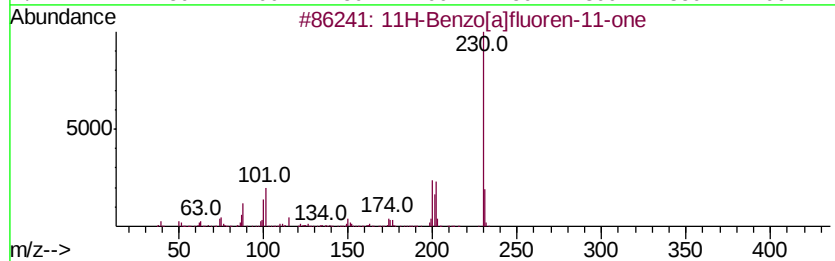
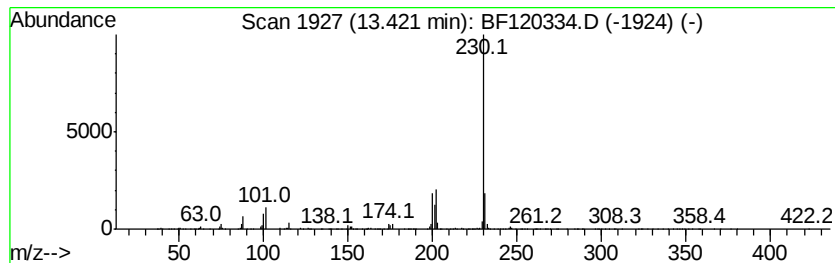
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.42	4.00 ng	1270830	Chrysene-d12	13.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[alfluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[delanthracen-7-one	230	C17H10O	000082-05-3	93
3		4-Pvrenecarbaldehyde	230	C17H10O	022245-51-8	83
4		o-Terphenyl	230	C18H14	000084-15-1	72
5		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
Operator : MA/SJ
Sample : L2665-04 5X
Misc :
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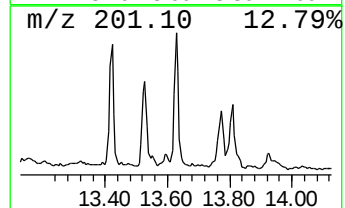
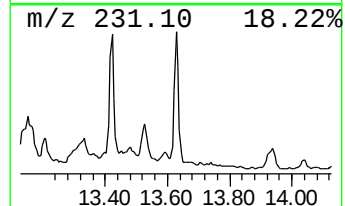
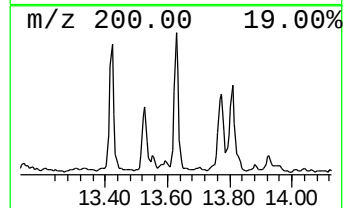
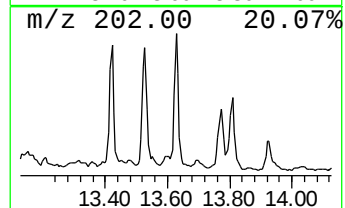
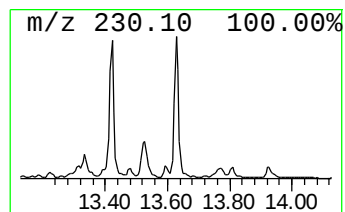
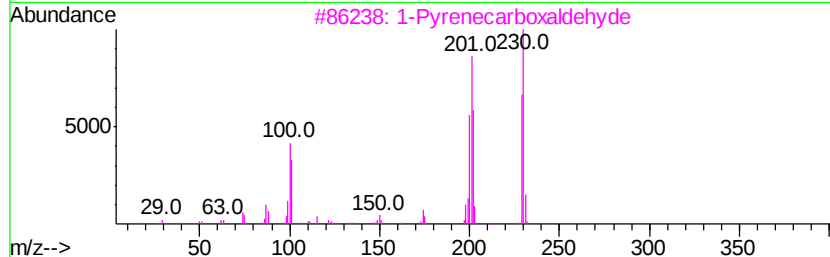
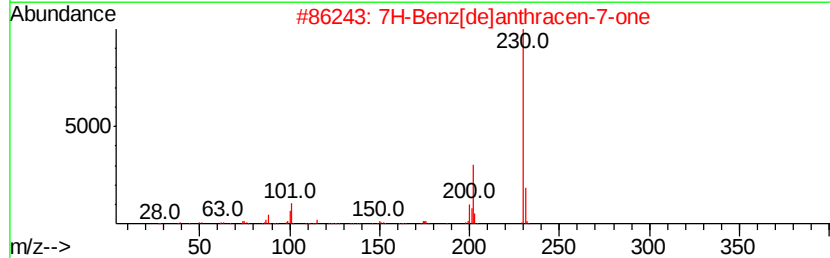
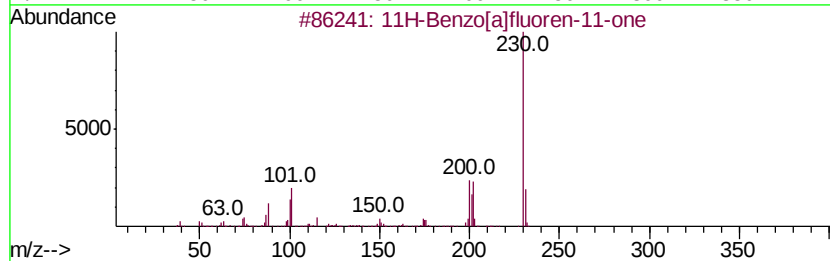
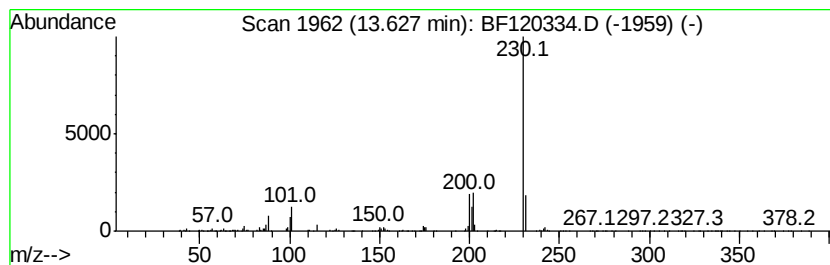
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.63	6.03 ng	1917340	Chrysene-d12	13.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4		4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	64
5		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Misc :
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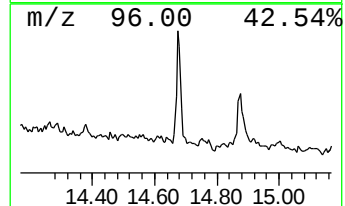
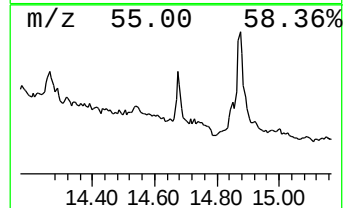
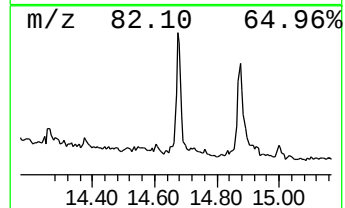
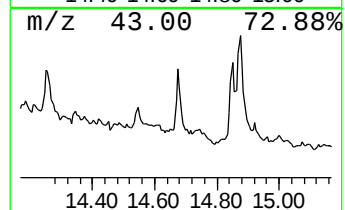
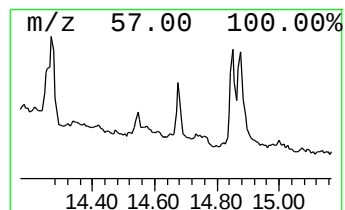
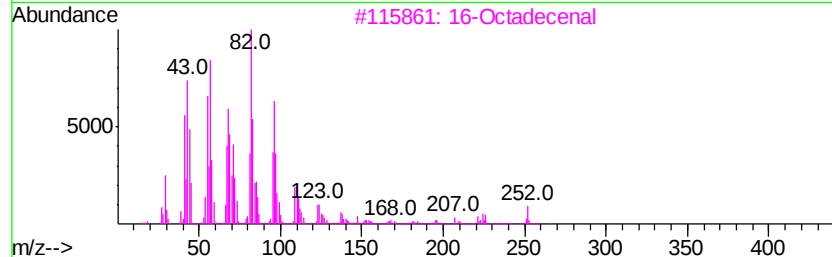
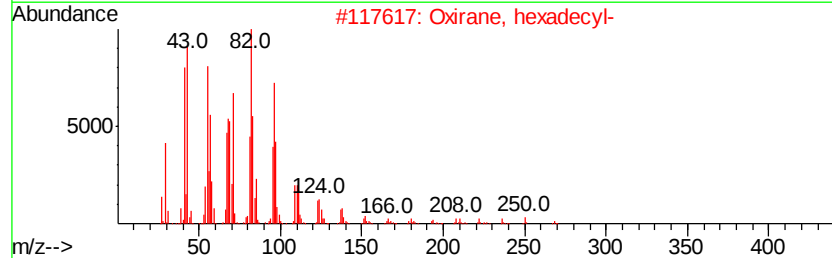
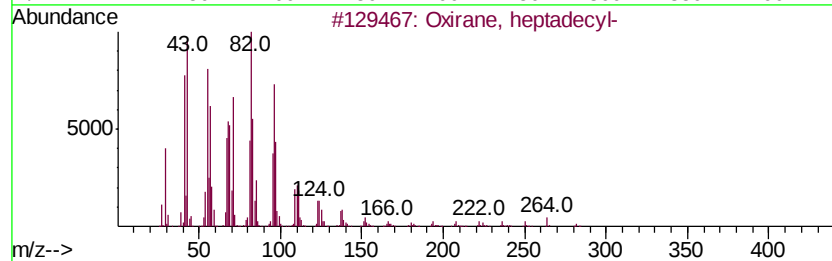
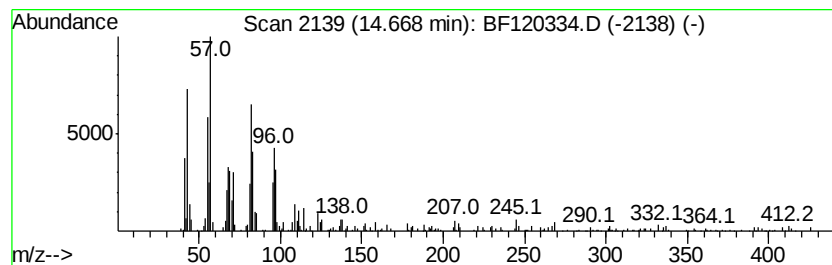
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.67	6.65 ng	419215	Perylene-d12	15.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	16-Octadecenal	266	C18H34O	056554-87-1	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	13-Octadecenal	266	C18H34O	056554-90-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

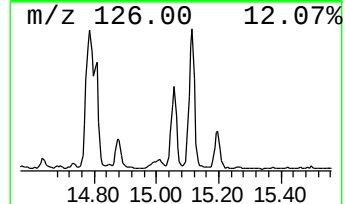
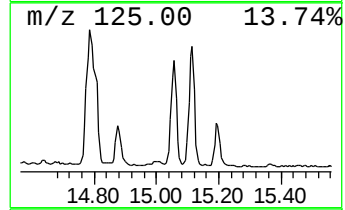
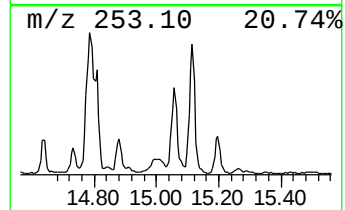
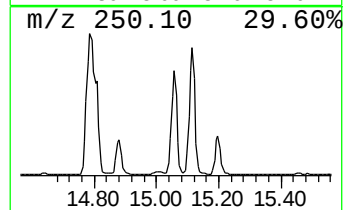
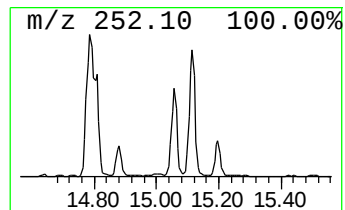
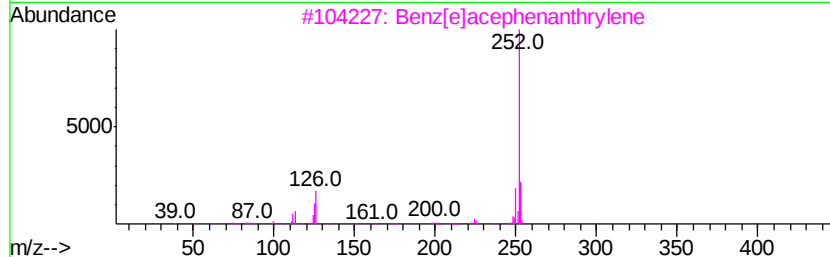
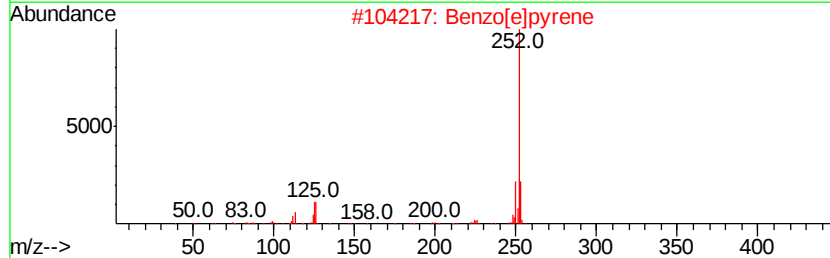
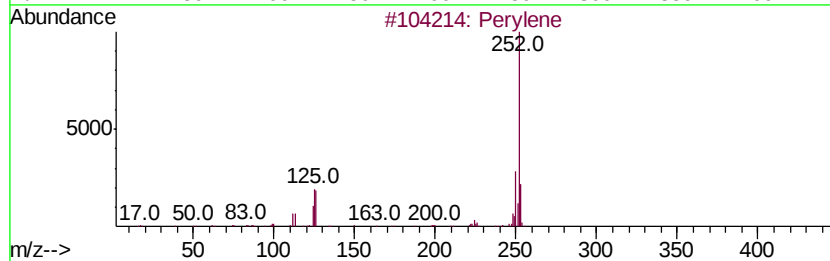
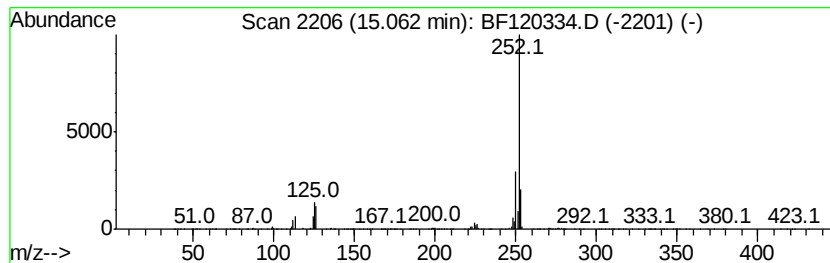
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	39.71 ng	2504080	Perylene-d12	15.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Perylene	252 C20H12	000198-55-0 99
2		Benzo[e]pyrene	252 C20H12	000192-97-2 98
3		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 96
4		Benzo[a]pyrene	252 C20H12	000050-32-8 95
5		Benzo[k]fluoranthene	252 C20H12	000207-08-9 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
Operator : MA/SJ
Sample : L2665-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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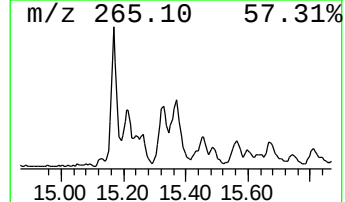
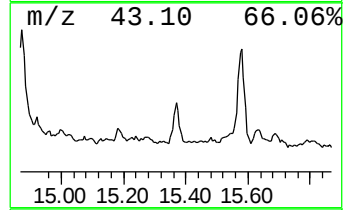
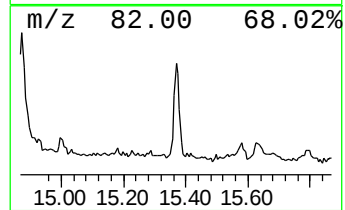
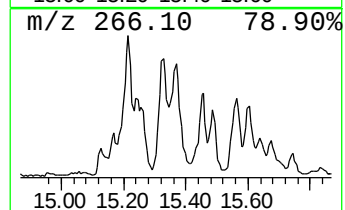
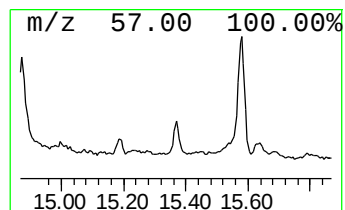
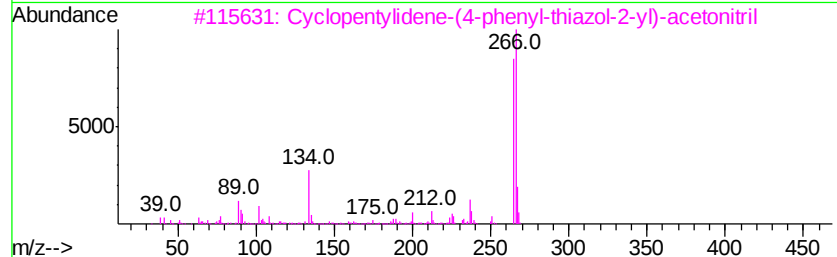
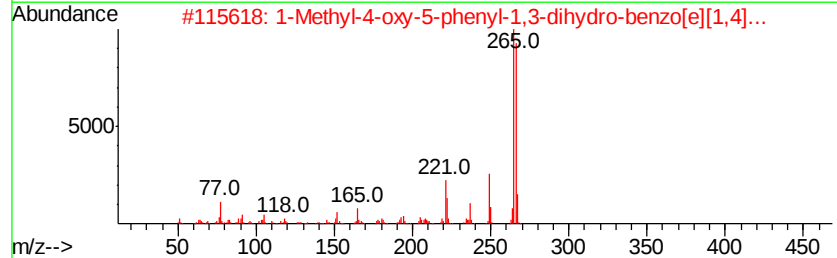
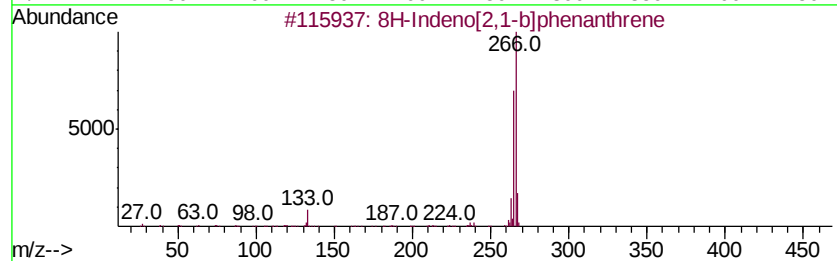
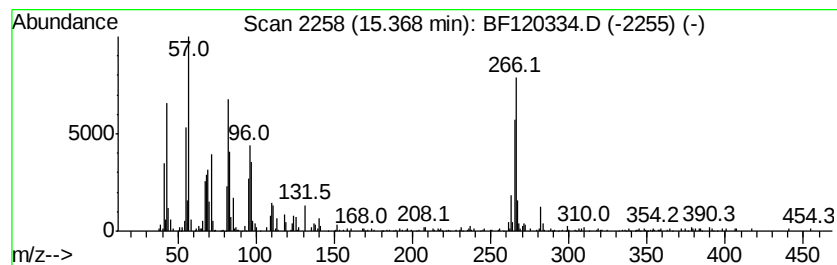
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.37 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	8.58 ng	540992	Perylene-d12	15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	25
2			1-Methyl-4-oxo-5-phenyl-1,3-dihy...	266	C16H14N2O2	1000286-08-5	25
3			Cyclopentylidene-(4-phenyl-thiaz...	266	C16H14N2S	1000300-05-0	22
4			11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	18
5			n-Tridecylcyclohexane	266	C19H38	006006-33-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
Operator : MA/SJ
Sample : L2665-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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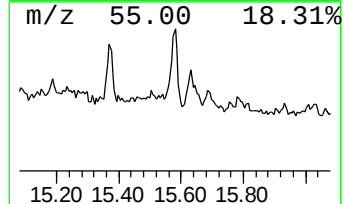
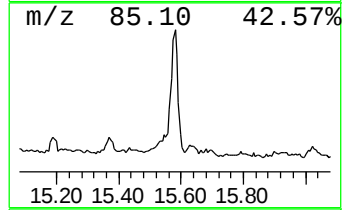
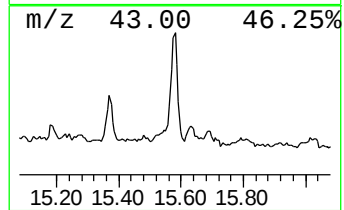
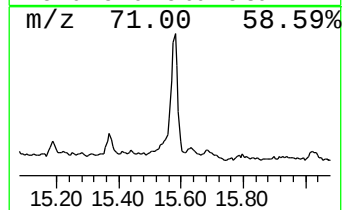
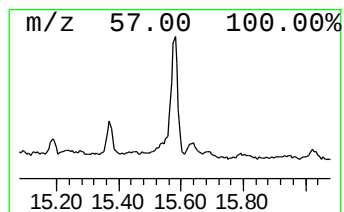
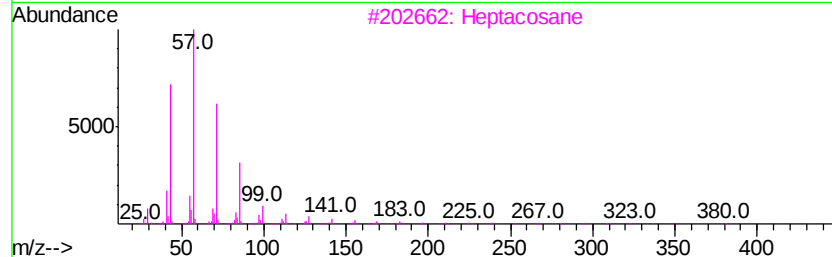
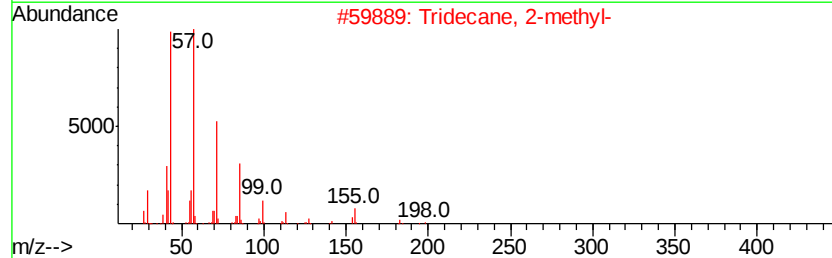
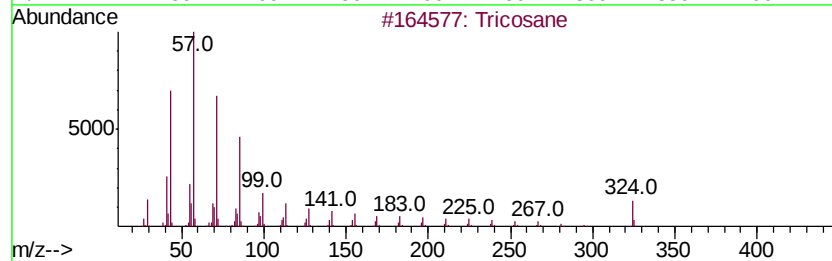
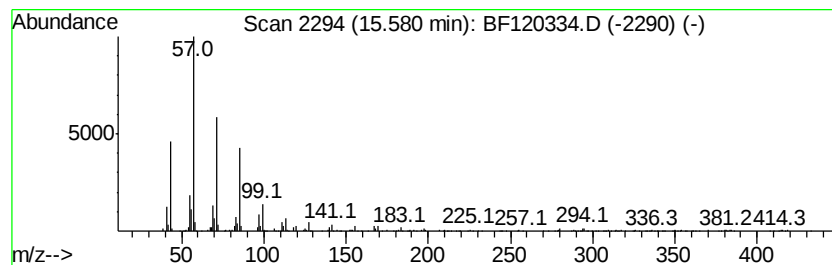
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	11.68 ng	736754	Perylene-d12	15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	93
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3			Heptacosane	380	C27H56	000593-49-7	81
4			Docosane	310	C22H46	000629-97-0	80
5			Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
Operator : MA/SJ
Sample : L2665-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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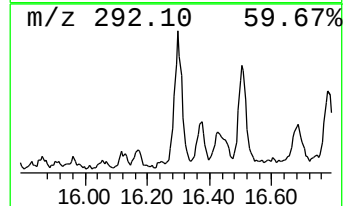
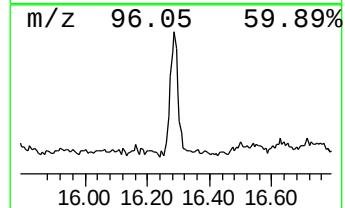
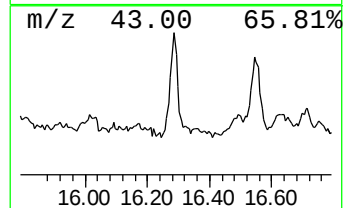
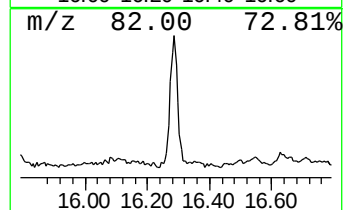
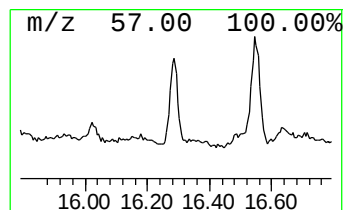
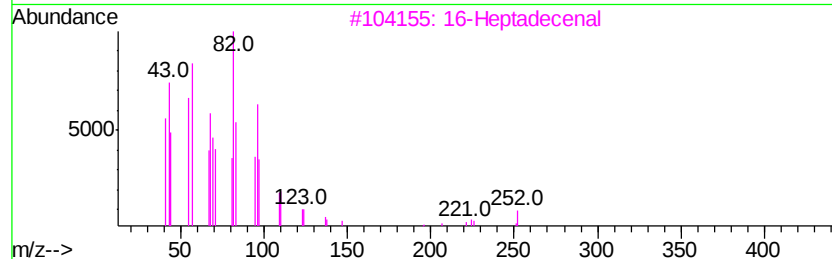
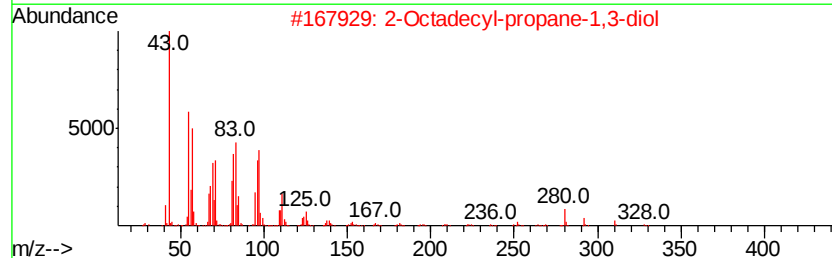
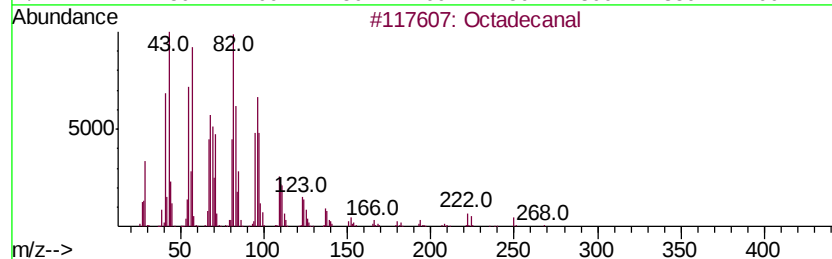
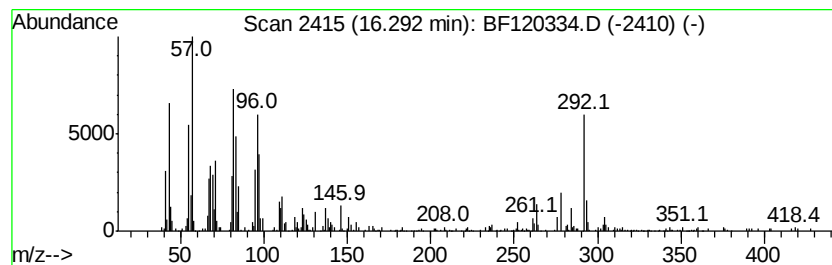
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	9.86 ng	622082	Perylene-d12	15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	80
2			2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	64
3			16-Heptadecenal	252	C17H32O	1000144-57-9	64
4			1,19-Eicosadiene	278	C20H38	014811-95-1	59
5			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
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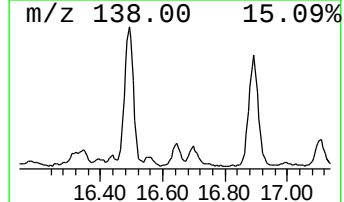
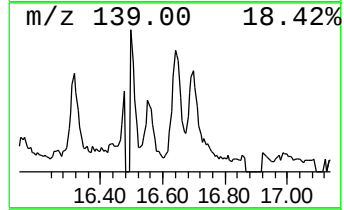
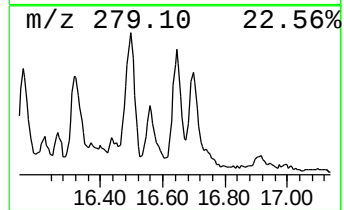
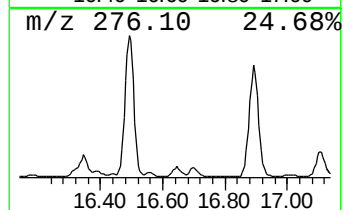
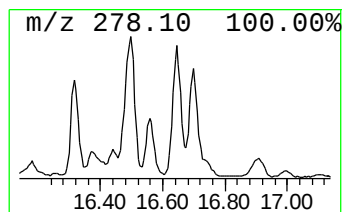
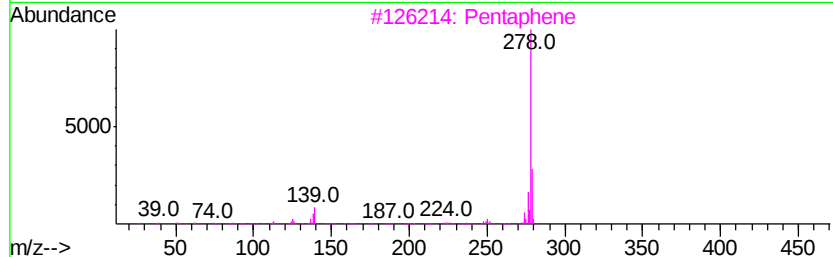
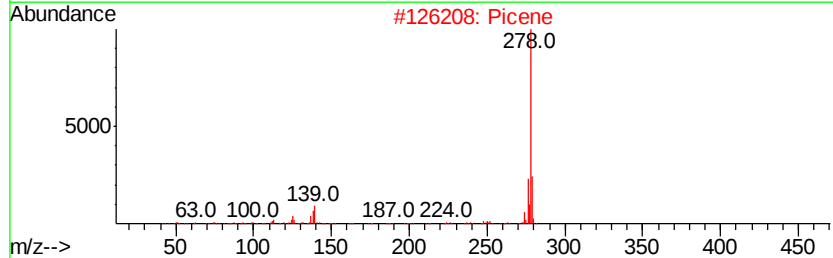
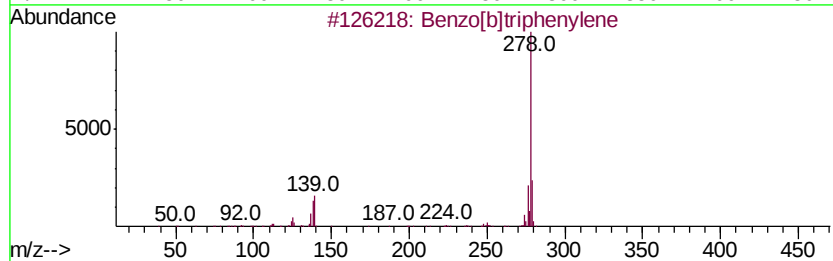
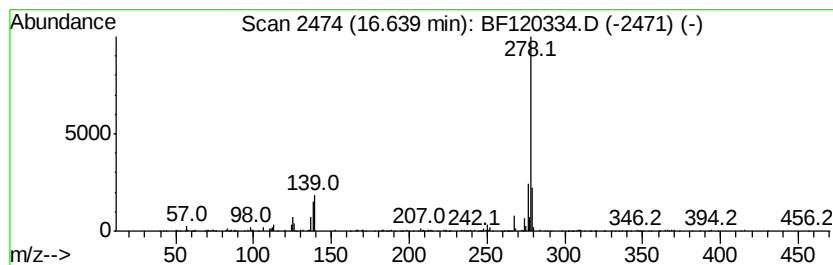
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	8.75 ng	551855	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2		Picene	278	C22H14	000213-46-7	93
3		Pentaphene	278	C22H14	000222-93-5	90
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
5		Pentacene	278	C22H14	000135-48-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
Operator : MA/SJ
Sample : L2665-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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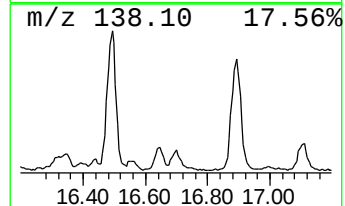
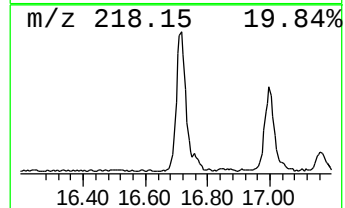
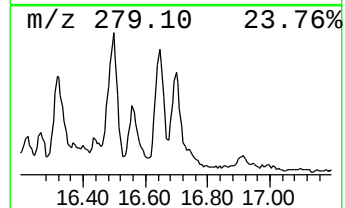
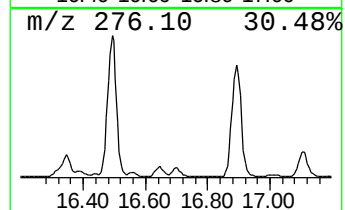
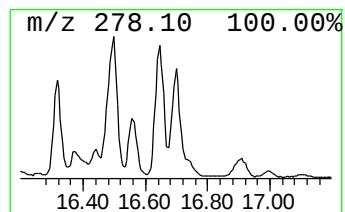
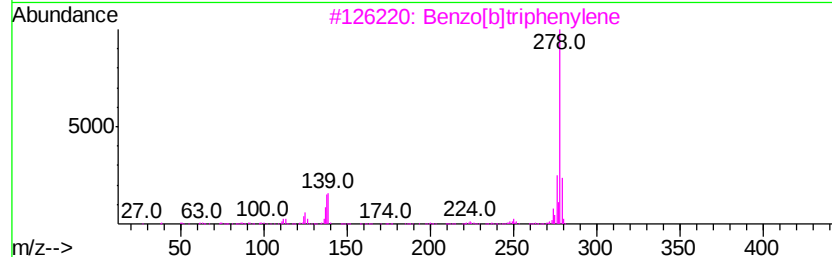
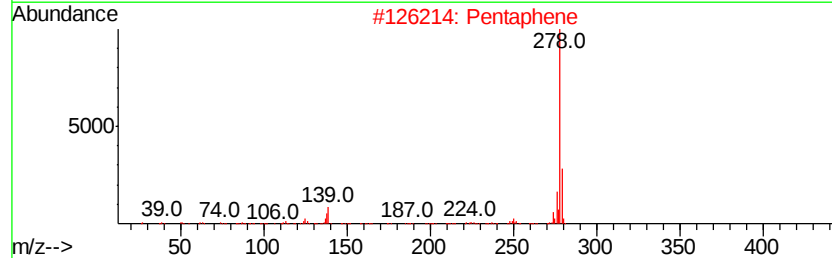
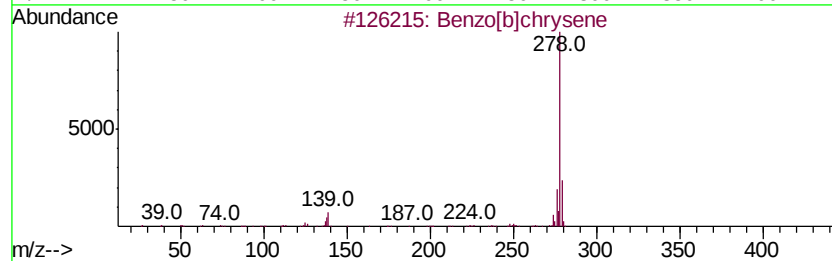
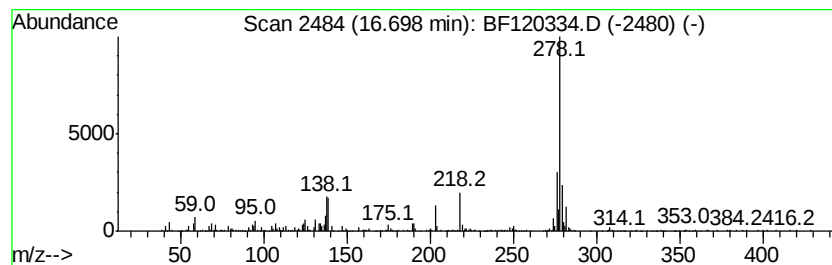
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	12.34 ng	777957	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]chrysene	278	C22H14	000214-17-5	90
2		Pentaphene	278	C22H14	000222-93-5	89
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	89
4		Picene	278	C22H14	000213-46-7	87
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Sample : L2665-04 5X
Misc :
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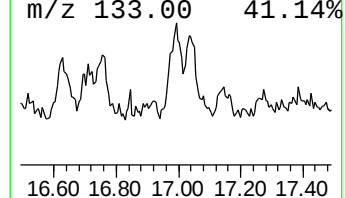
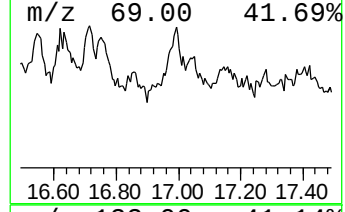
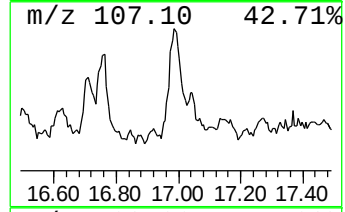
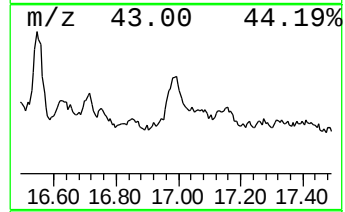
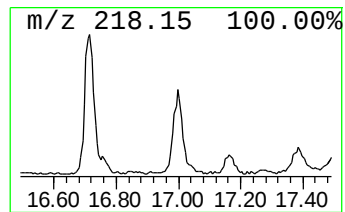
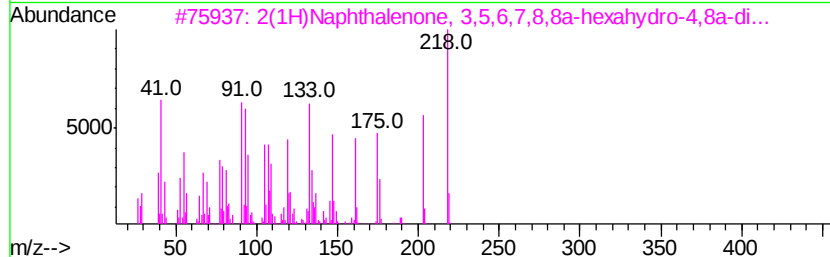
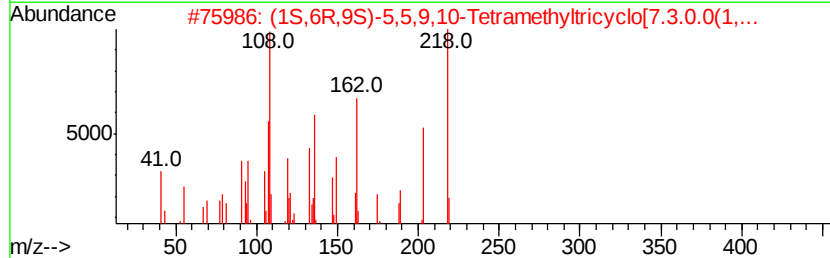
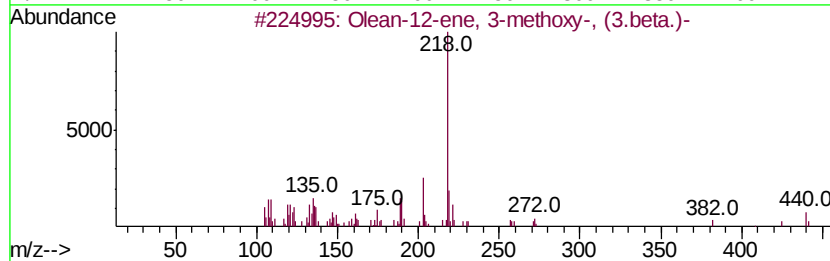
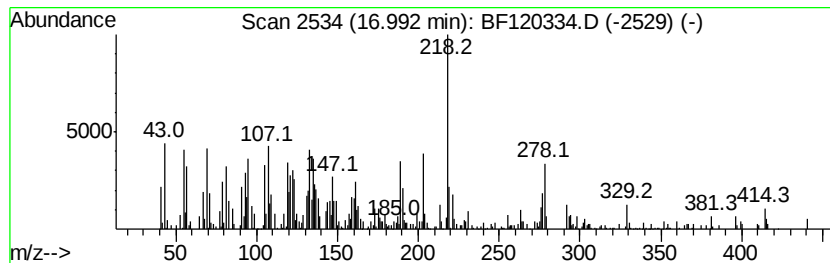
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Olean-12-ene, 3-methoxy-, (... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.99	17.86 ng	1126150	Perylene-d12		15.17		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Olean-12-ene, 3-methoxy-, (3.beta...	440	C31H52O	014021-26-2	89
2			(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	58
3			2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	58
4			4,6,6-Trimethyl-2-(3-methylbuta...	218	C15H22O	1000190-22-2	50
5			8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120334.D
Acq On : 15 May 2020 21:07
Operator : MA/SJ
Sample : L2665-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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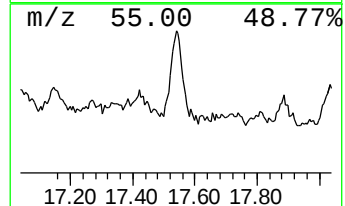
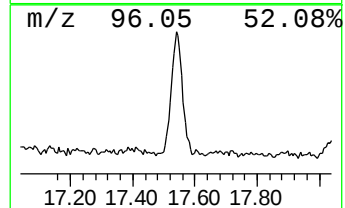
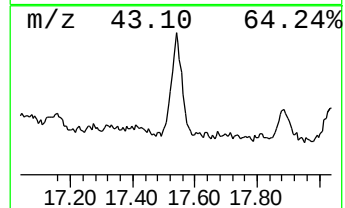
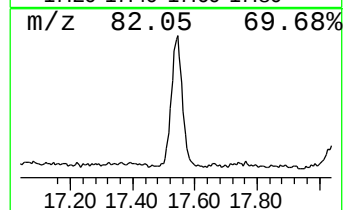
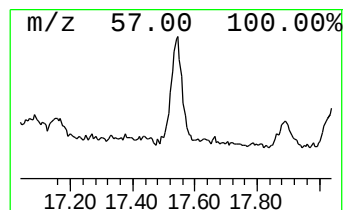
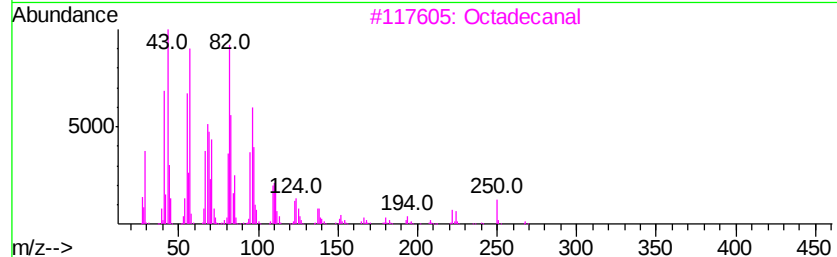
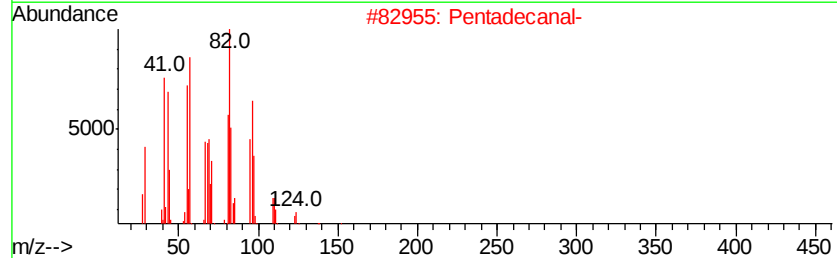
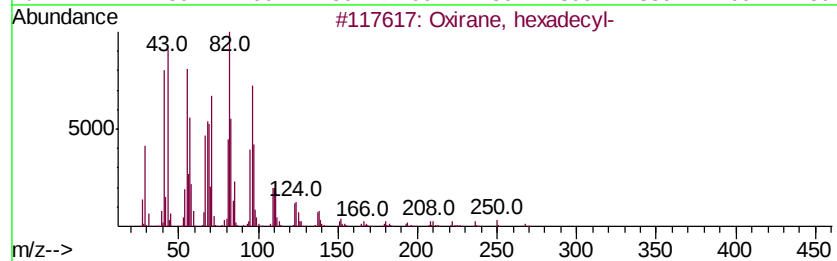
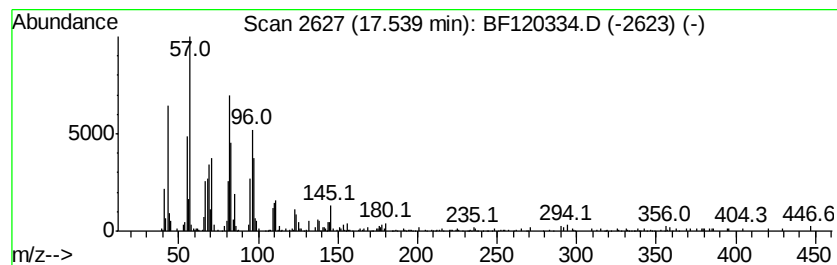
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Oxirane, hexadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	15.97 ng	1007310	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	70
2		Pentadecanal-	226	C15H30O	002765-11-9	53
3		Octadecanal	268	C18H36O	000638-66-4	49
4		Tetradecanal	212	C14H28O	000124-25-4	46
5		7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051520\
 Data File : BF120334.D
 Acq On : 15 May 2020 21:07
 Operator : MA/SJ
 Sample : L2665-04 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0373-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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
Naphthalene, 1,3-...	9.31	4.1 ng		742481	3	9.65	3588410	20.0
Decahydro-4,4,8,9...	9.52	4.7 ng		851336	3	9.65	3588410	20.0
unknown9.56	9.56	8.0 ng		1431640	3	9.65	3588410	20.0
3-(2-Methyl-prope...	9.97	4.4 ng		791146	3	9.65	3588410	20.0
unknown10.06	10.06	7.1 ng		1268510	3	9.65	3588410	20.0
Undecane, 5-ethyl-	10.32	6.5 ng		1170760	3	9.65	3588410	20.0
Dodecane, 2-methy...	10.59	3.8 ng		1554680	4	11.15	8180360	20.0
11H-Benzo[a]fluor...	13.42	4.0 ng		1270830	5	13.78	6360880	20.0
7H-Benz[de]anthra...	13.63	6.0 ng		1917340	5	13.78	6360880	20.0
Oxirane, heptadecyl-	14.67	6.7 ng		419215	6	15.17	1261220	20.0
Perylene	15.06	39.7 ng		2504080	6	15.17	1261220	20.0
unknown15.37	15.37	8.6 ng		540992	6	15.17	1261220	20.0
Tricosane	15.58	11.7 ng		736754	6	15.17	1261220	20.0
Octadecanal	16.29	9.9 ng		622082	6	15.17	1261220	20.0
Benzo[b]triphenylene	16.64	8.8 ng		551855	6	15.17	1261220	20.0
Benzo[b]chrysene	16.70	12.3 ng		777957	6	15.17	1261220	20.0
Olean-12-ene, 3-m...	16.99	17.9 ng		1126150	6	15.17	1261220	20.0
Oxirane, hexadecyl-	17.54	16.0 ng		1007310	6	15.17	1261220	20.0