

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128176.D
 Acq On : 10 May 2022 22:53
 Operator : CG\JU
 Sample : N2749-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BF050922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128176.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.987	284	289	295	rVB	19613	25248	1.11%	0.109%
2	5.128	481	483	494	rVB	21190	27382	1.21%	0.118%
3	5.510	544	548	552	rBV	1847373	1895810	83.66%	8.167%
4	6.522	715	720	723	rBV	1920021	2014985	88.92%	8.680%
5	6.716	749	753	756	rBV2	28774	31714	1.40%	0.137%
6	6.893	779	783	786	rBV	545985	482260	21.28%	2.077%
7	7.151	822	827	831	rVB2	26003	27133	1.20%	0.117%
8	7.457	874	879	882	rBV	1501497	1373832	60.63%	5.918%
9	8.175	997	1001	1003	rBV	708042	631712	27.88%	2.721%
10	8.192	1003	1004	1007	rVV	201932	151393	6.68%	0.652%
11	8.222	1007	1009	1011	rVB	35979	27564	1.22%	0.119%
12	8.457	1044	1049	1053	rVB6	25934	45777	2.02%	0.197%
13	8.581	1067	1070	1072	rBV	42857	34219	1.51%	0.147%
14	8.751	1097	1099	1102	rVB2	34125	26187	1.16%	0.113%
15	8.816	1103	1110	1113	rBV8	22144	41876	1.85%	0.180%
16	8.887	1119	1122	1125	rBV	83383	67305	2.97%	0.290%
17	8.945	1129	1132	1135	rBV3	23247	30844	1.36%	0.133%
18	8.987	1135	1139	1141	rBV	65153	61357	2.71%	0.264%
19	9.045	1145	1149	1152	rBV5	17360	31913	1.41%	0.137%
20	9.163	1166	1169	1171	rBV2	40670	37558	1.66%	0.162%
21	9.181	1171	1172	1178	rVB3	38541	37896	1.67%	0.163%
22	9.251	1178	1184	1187	rBV	2518936	2266004	100.00%	9.762%
23	9.322	1192	1196	1199	rBV	119058	120829	5.33%	0.521%
24	9.516	1225	1229	1233	rBV2	55122	77171	3.41%	0.332%
25	9.586	1238	1241	1244	rVV	92494	100233	4.42%	0.432%
26	9.634	1246	1249	1253	rVV2	194365	171921	7.59%	0.741%
27	9.704	1256	1261	1263	rBV2	65760	90164	3.98%	0.388%
28	9.792	1273	1276	1278	rBV	311158	274279	12.10%	1.182%
29	9.816	1278	1280	1281	rVV2	49611	44374	1.96%	0.191%
30	9.834	1281	1283	1287	rVB2	237663	222115	9.80%	0.957%
31	9.875	1287	1290	1292	rBV3	49454	59438	2.62%	0.256%
32	9.910	1293	1296	1297	rVV	117664	109588	4.84%	0.472%
33	9.934	1297	1300	1302	rVB	772175	643668	28.41%	2.773%
34	9.963	1302	1305	1309	rBV	342112	326876	14.43%	1.408%
35	10.034	1314	1317	1321	rVV2	80303	114545	5.05%	0.493%
36	10.134	1331	1334	1338	rVV2	102230	109464	4.83%	0.472%

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37	10.169	1338	1340	1344	rVB2	83097	76998	3.40%	0.332%
38	10.245	1350	1353	1355	rBV2	154482	168478	7.44%	0.726%
39	10.334	1365	1368	1370	rBV3	278046	284677	12.56%	1.226%
40	10.386	1375	1377	1379	rBV2	80700	66803	2.95%	0.288%
41	10.481	1389	1393	1399	rBV2	170279	236251	10.43%	1.018%
42	10.569	1406	1408	1410	rVB2	103200	81201	3.58%	0.350%
43	10.728	1431	1435	1438	rBV	1460485	1443334	63.70%	6.218%
44	10.839	1451	1454	1457	rVB2	188841	162337	7.16%	0.699%
45	11.428	1550	1554	1556	rBV	745799	721930	31.86%	3.110%
46	11.451	1556	1558	1561	rVB	709829	536480	23.68%	2.311%
47	11.498	1564	1566	1569	rVV	261898	226895	10.01%	0.977%
48	11.928	1637	1639	1641	rBV	216406	183976	8.12%	0.793%
49	11.957	1642	1644	1647	rVB	290290	239109	10.55%	1.030%
50	12.004	1650	1652	1655	rBV2	162342	146465	6.46%	0.631%
51	12.039	1656	1658	1661	rVV2	195616	194812	8.60%	0.839%
52	12.480	1730	1733	1735	rBV	160359	161466	7.13%	0.696%
53	12.645	1758	1761	1765	rVB	762779	647410	28.57%	2.789%
54	12.875	1797	1800	1805	rVB	722244	652990	28.82%	2.813%
55	13.016	1820	1824	1827	rBV	1620223	1505652	66.45%	6.486%
56	13.269	1865	1867	1869	rVB	133494	94060	4.15%	0.405%
57	14.069	1999	2003	2006	rBV2	580955	823024	36.32%	3.545%
58	14.098	2006	2008	2015	rVB	345967	341146	15.05%	1.470%
59	14.457	2067	2069	2072	rVB	127907	108655	4.80%	0.468%
60	15.127	2179	2183	2186	rBV	320455	472367	20.85%	2.035%
61	15.239	2199	2202	2206	rVB	94127	94887	4.19%	0.409%
62	15.439	2232	2236	2242	rVB	227214	297501	13.13%	1.282%
63	15.504	2243	2247	2253	rVV	334969	404832	17.87%	1.744%
64	15.568	2254	2258	2261	rVV	364427	457337	20.18%	1.970%
65	15.598	2261	2263	2269	rVB2	89084	127419	5.62%	0.549%
66	17.080	2510	2515	2521	rBV2	125446	235693	10.40%	1.015%
67	17.545	2587	2594	2600	rBV	87717	184677	8.15%	0.796%

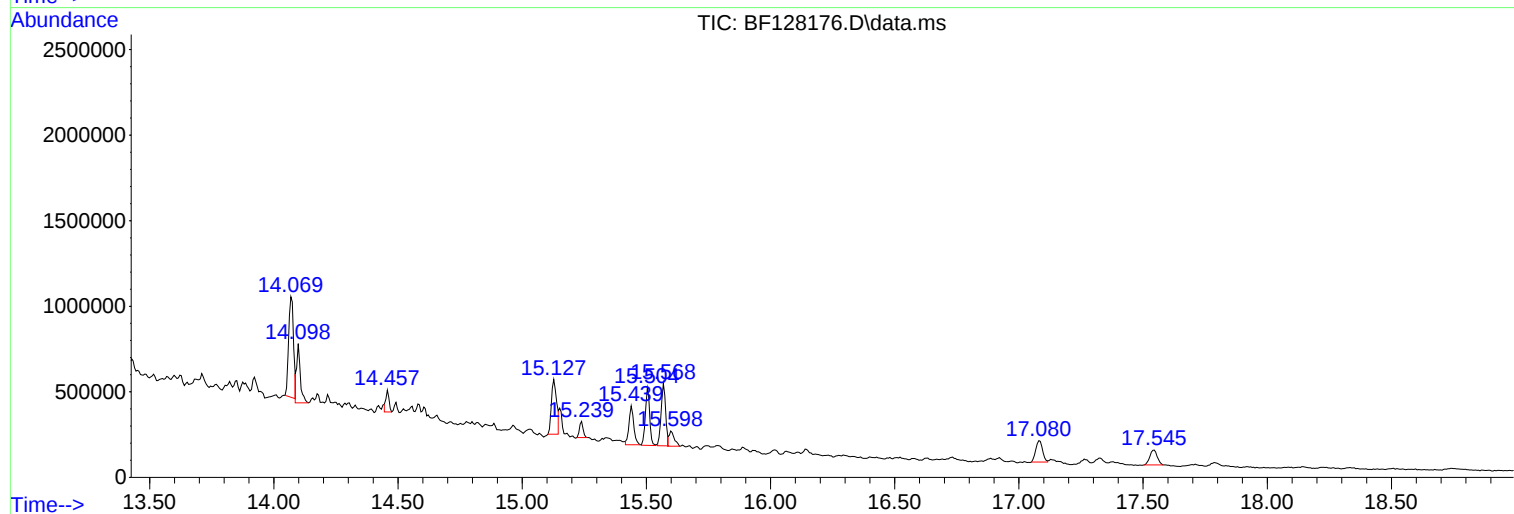
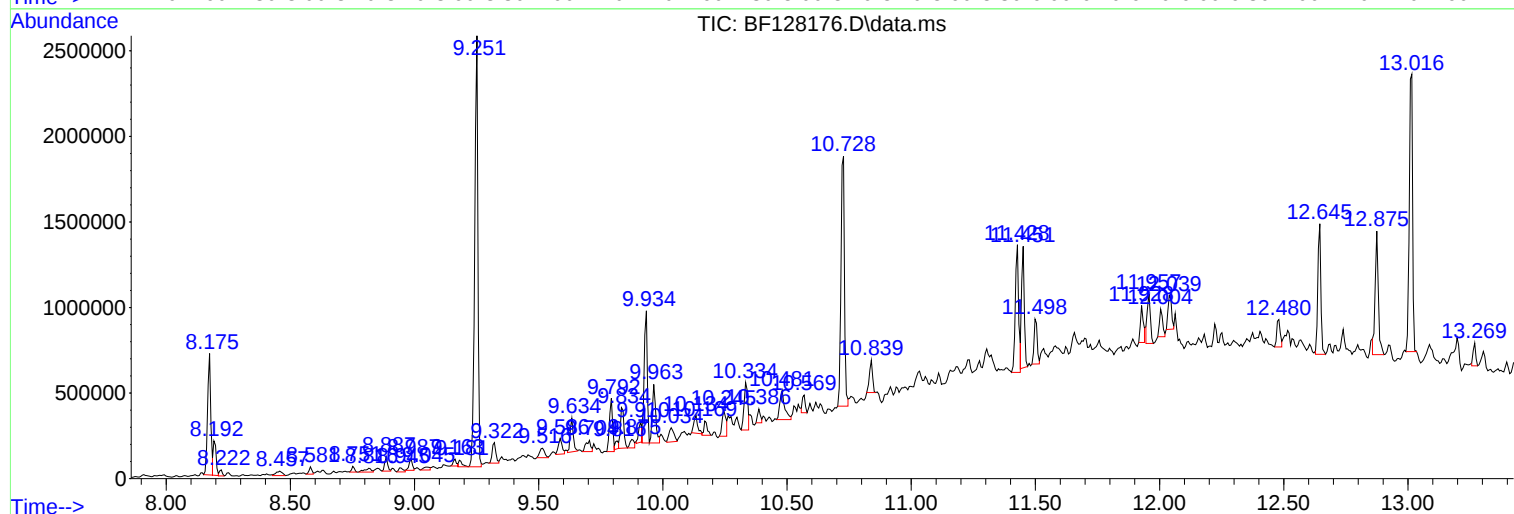
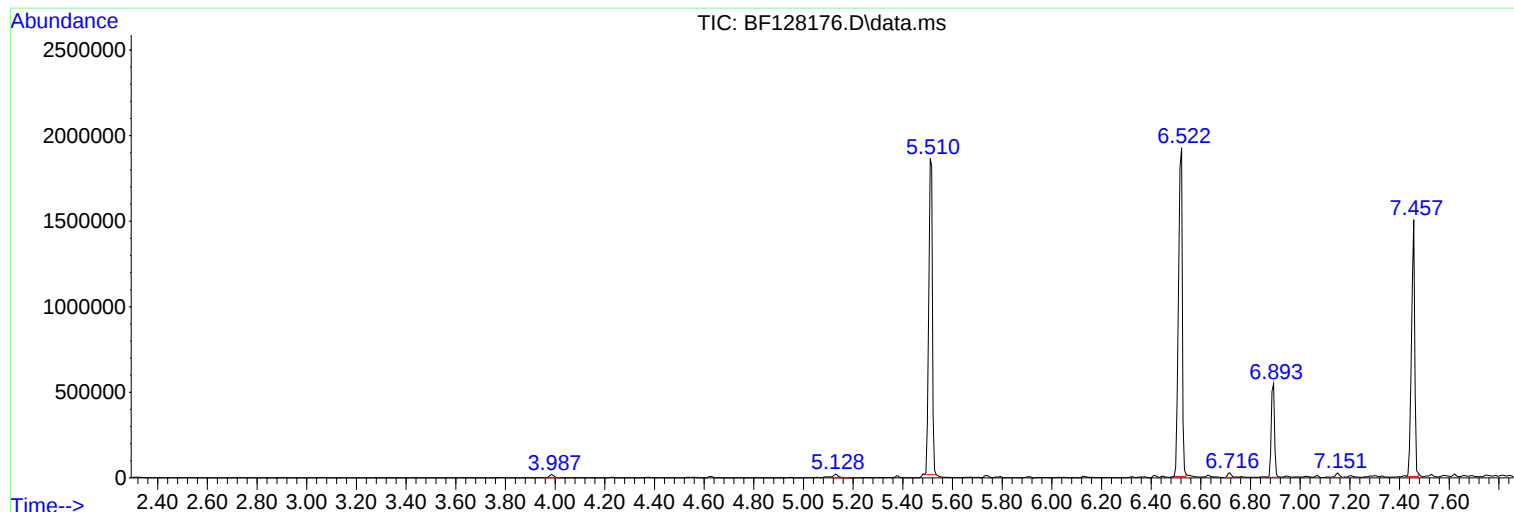
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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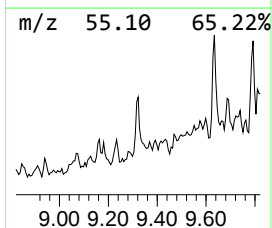
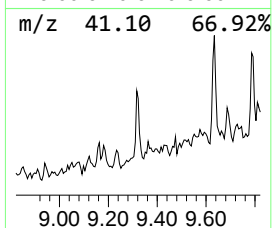
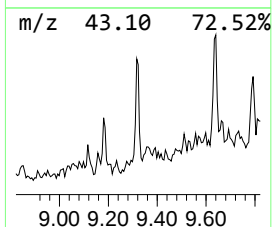
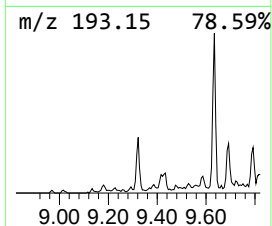
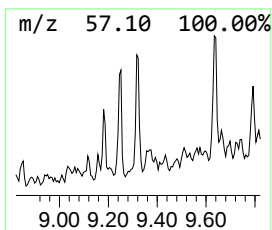
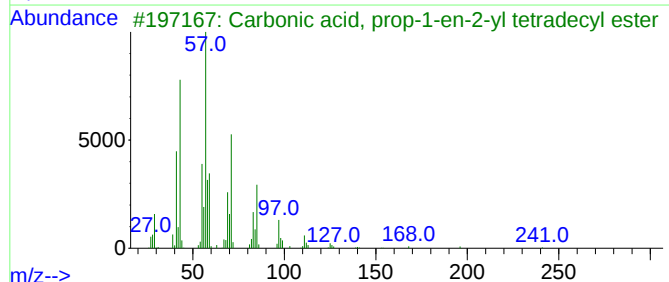
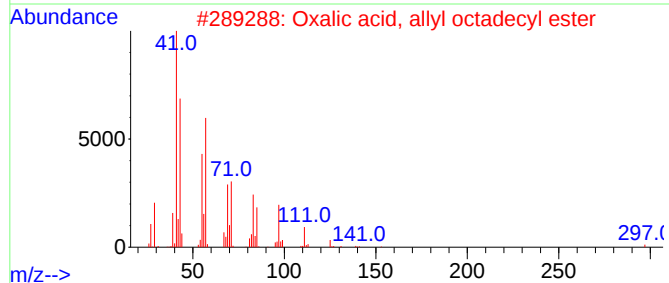
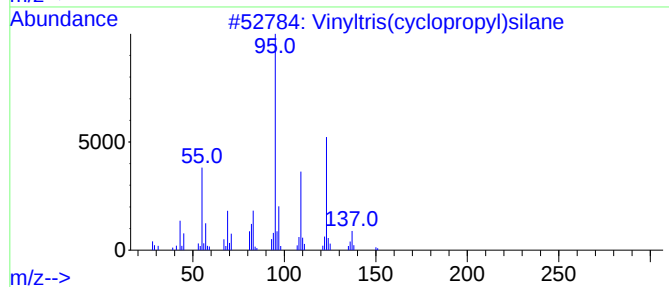
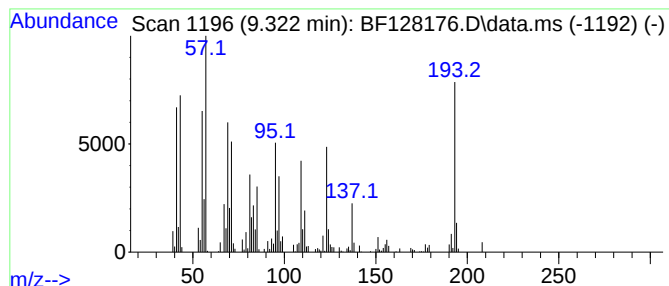
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown9.322 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	3.75 ng	120829	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	22
2			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	18
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	15
4			2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	15
5			Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	14



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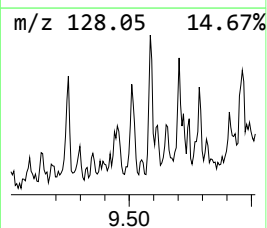
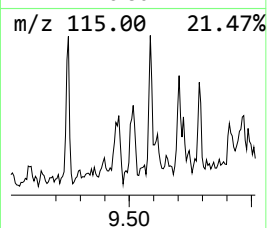
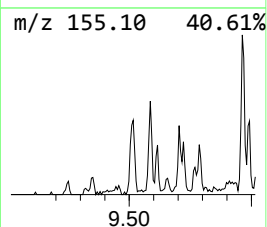
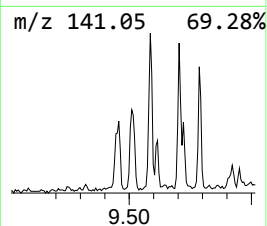
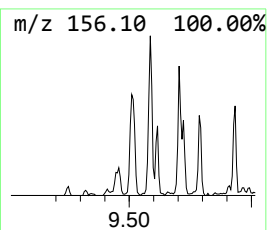
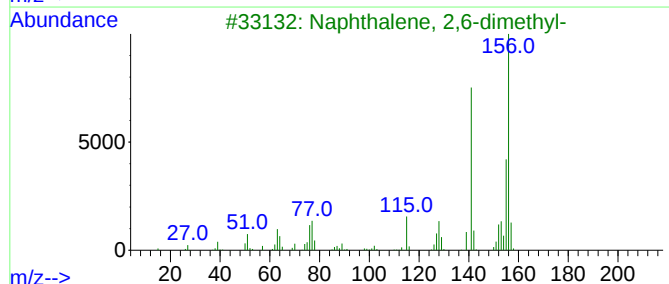
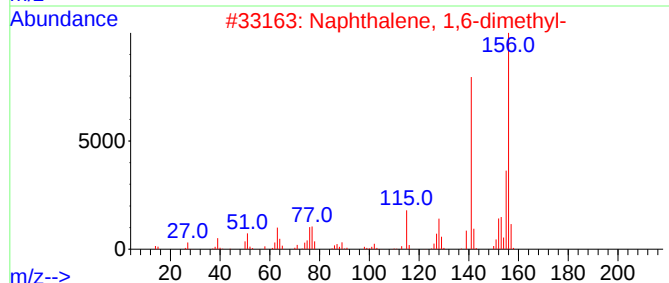
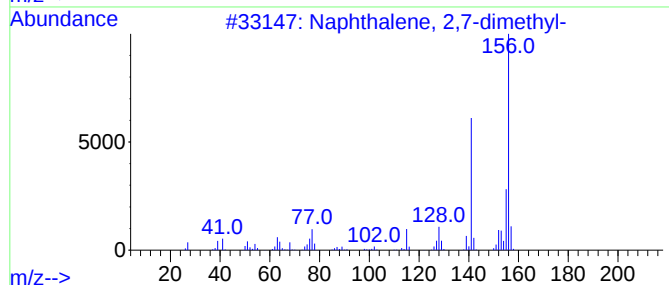
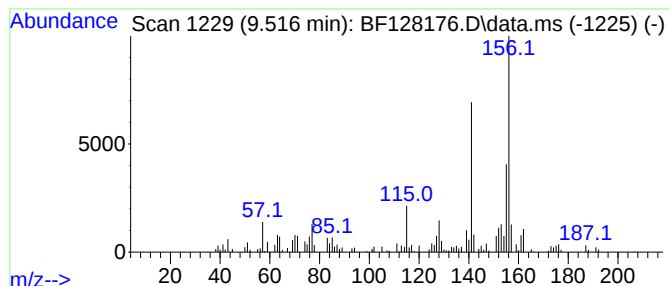
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	2.40 ng	77171	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



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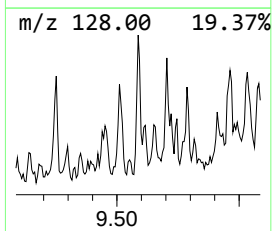
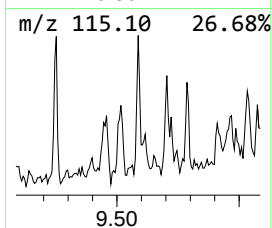
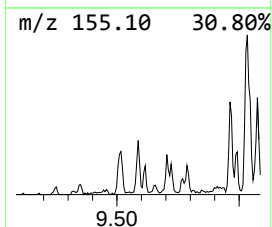
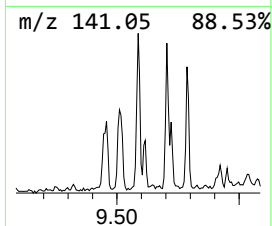
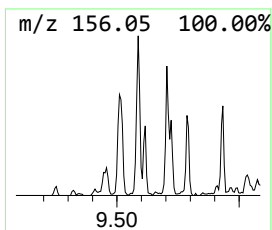
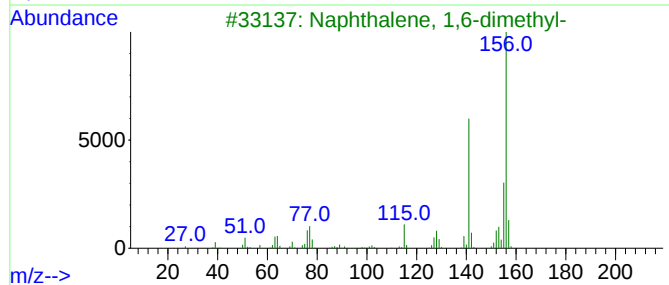
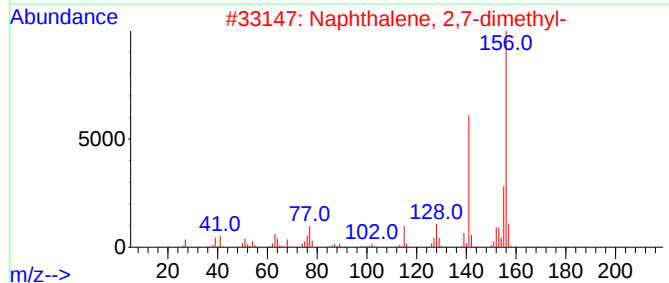
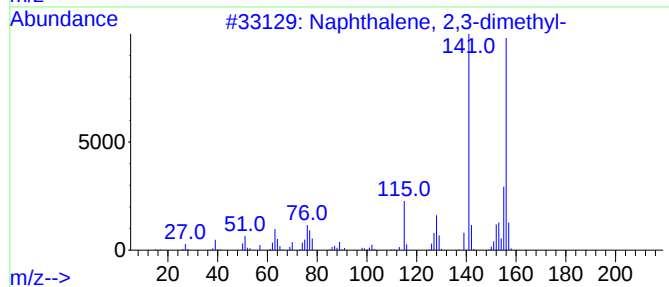
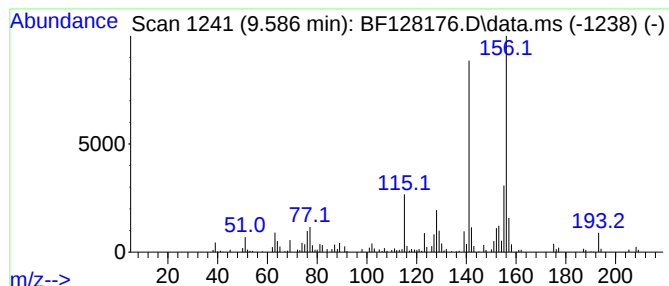
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Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	3.11 ng	100233	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



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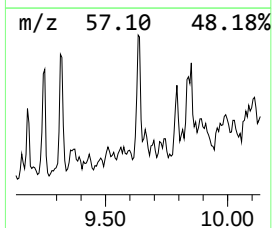
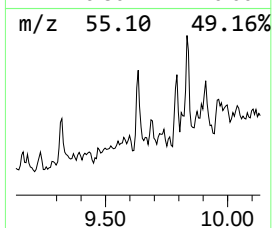
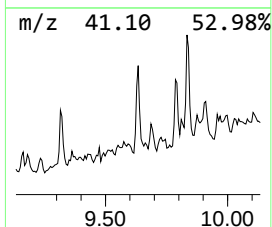
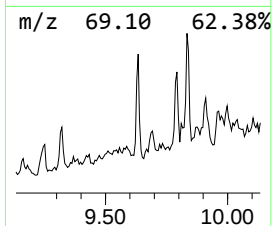
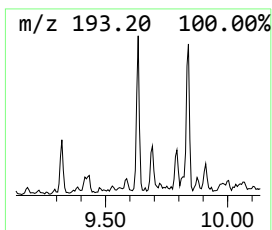
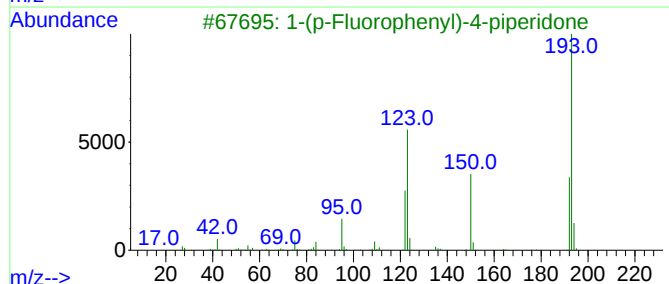
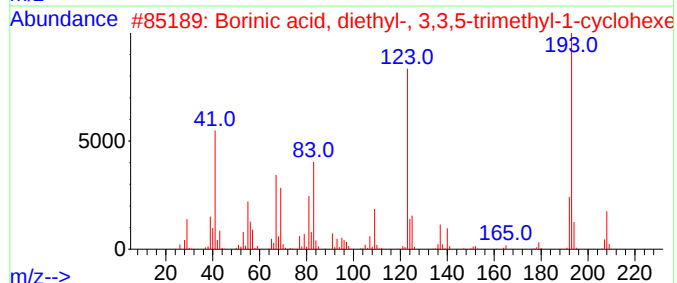
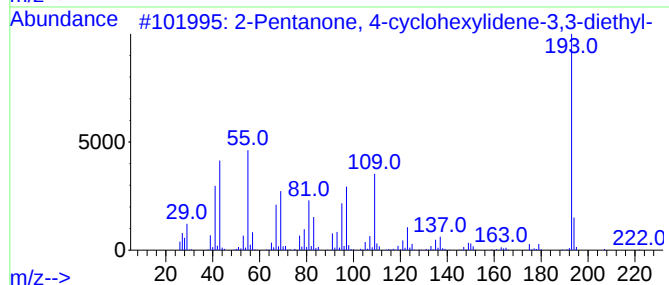
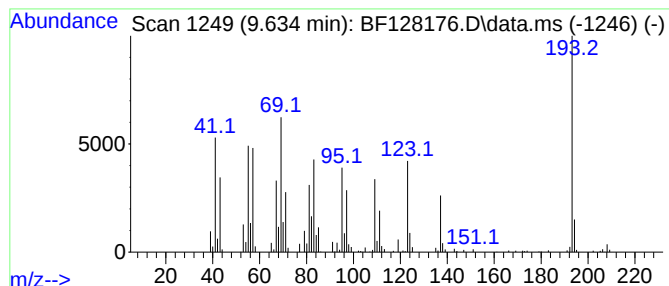
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 unknown9.634 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.634	5.34 ng	171921	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47		
2	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	40		
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38		
4	1-Methyl-3-(trifluoromethyl)-1H...	193	C7H10F3N3	1000511-73-1	35		
5	2-Anthracenamine	193	C14H11N	000613-13-8	22		



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Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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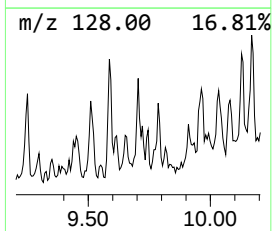
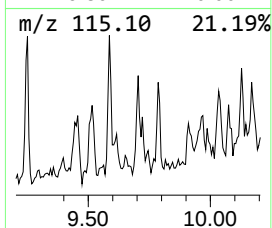
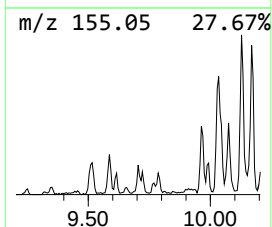
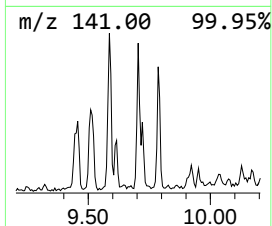
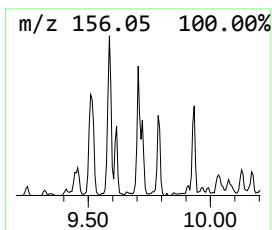
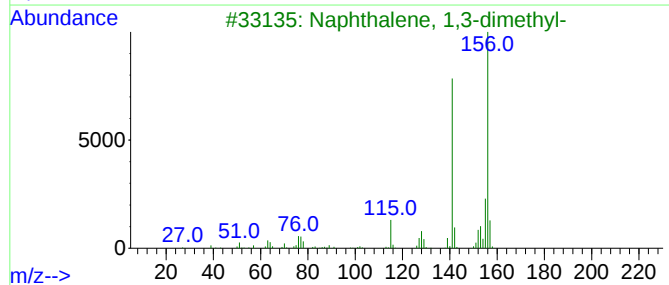
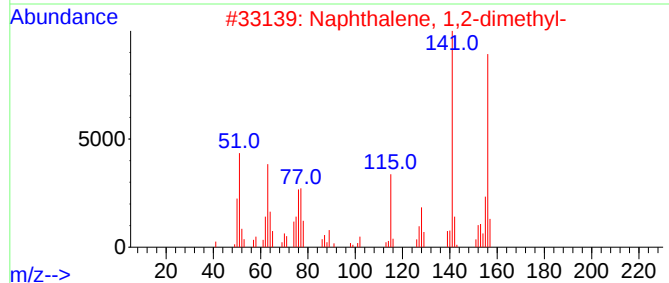
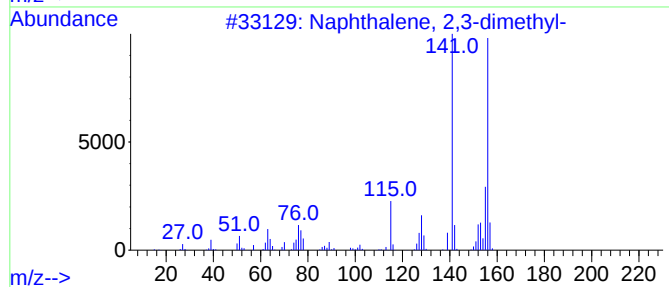
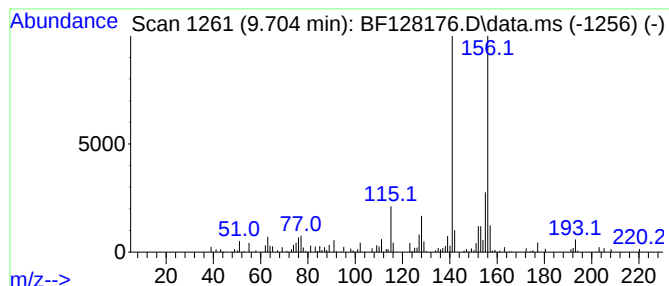
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	2.80 ng	90164	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
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ClientSampleId :
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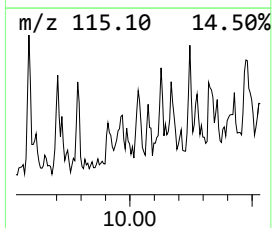
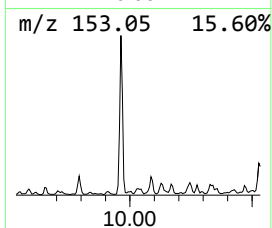
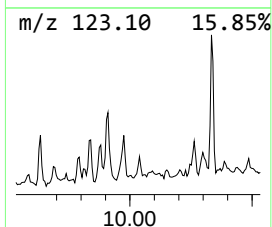
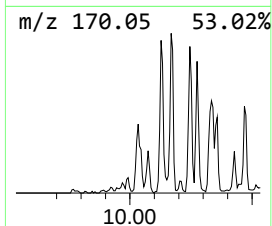
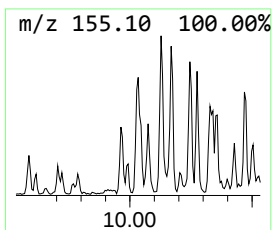
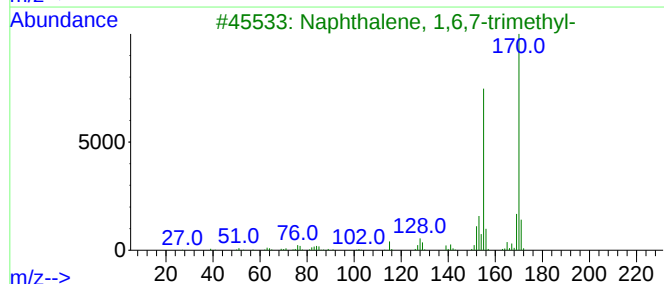
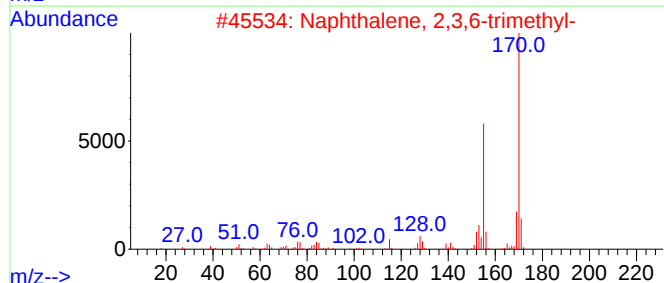
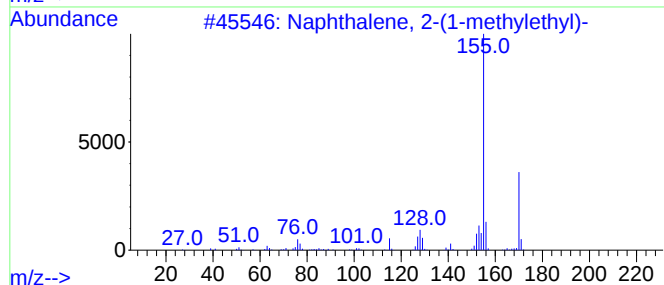
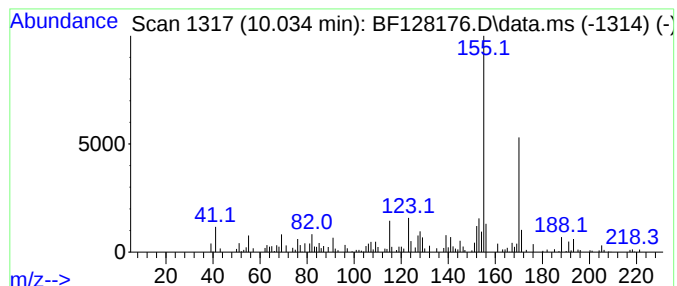
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	3.56 ng	114545	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	87
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
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Instrument :
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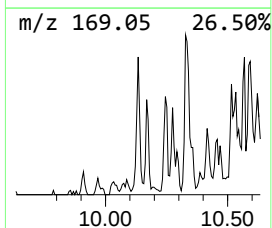
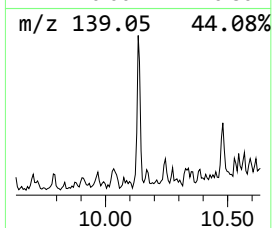
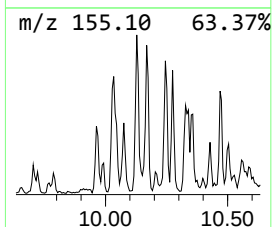
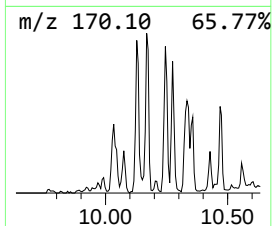
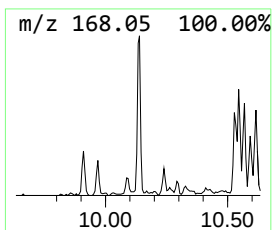
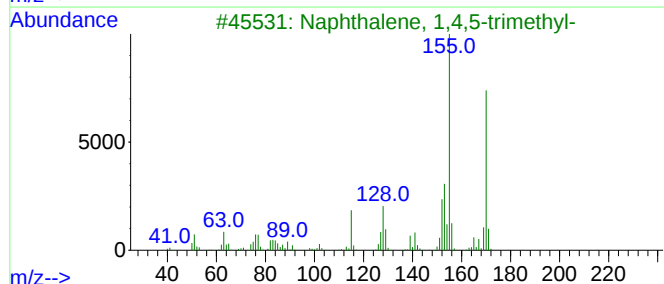
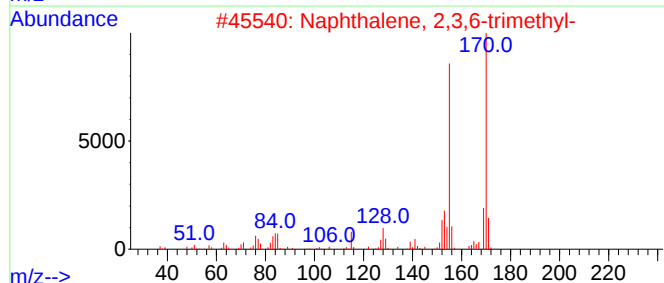
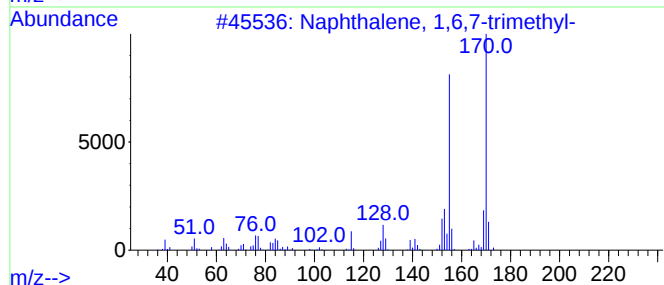
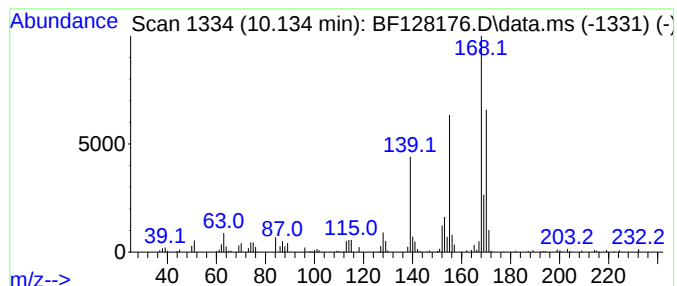
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.134	3.40 ng	109464	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	52
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	50
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

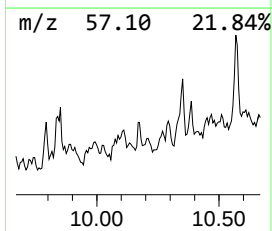
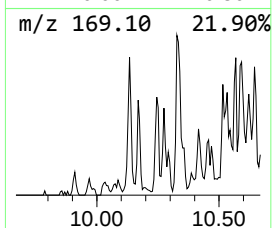
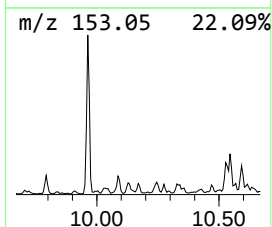
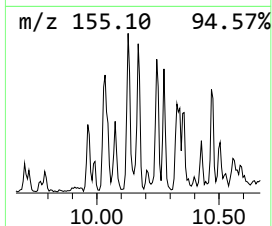
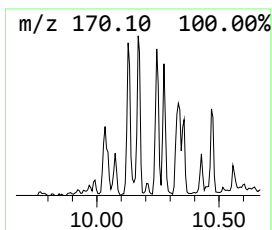
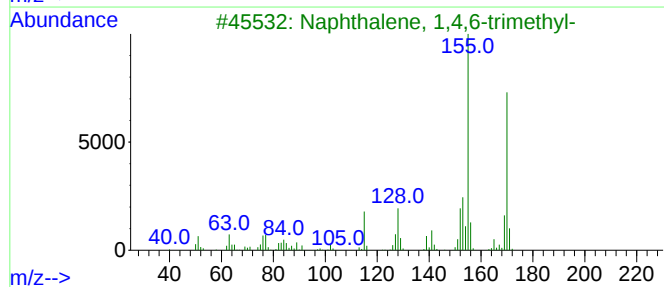
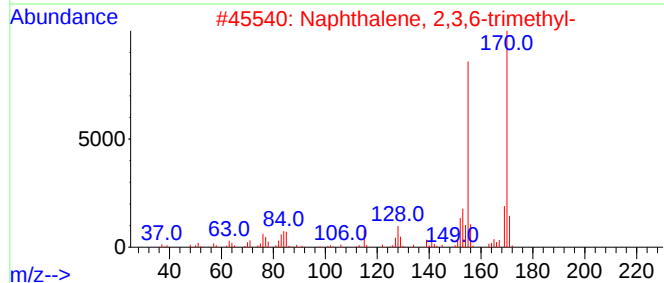
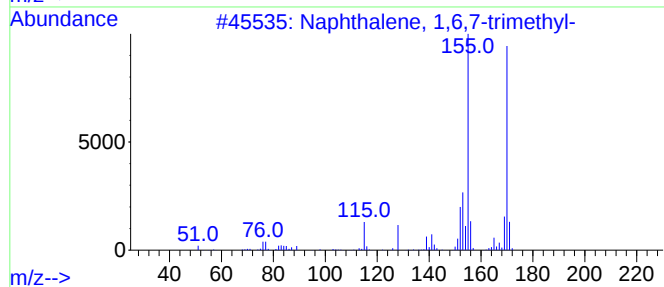
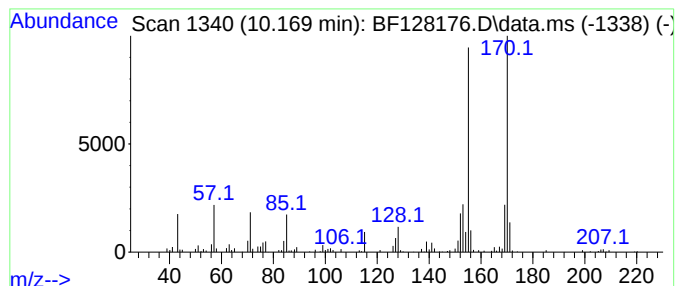
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.169	2.39 ng	76998	Acenaphthene-d10	9.934	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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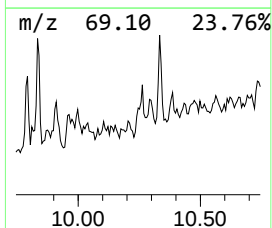
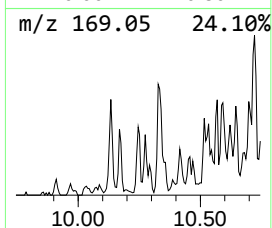
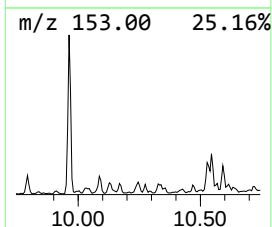
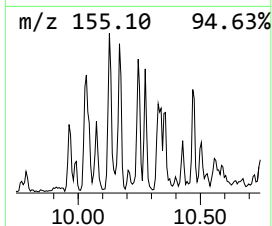
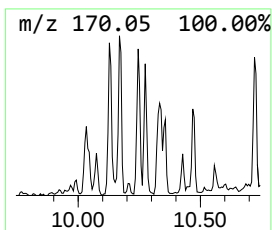
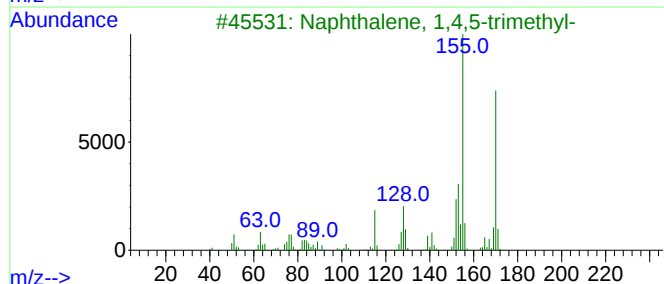
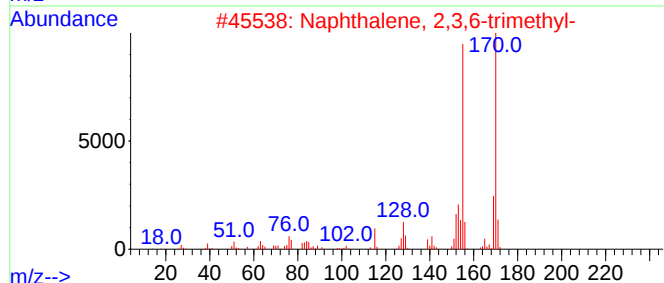
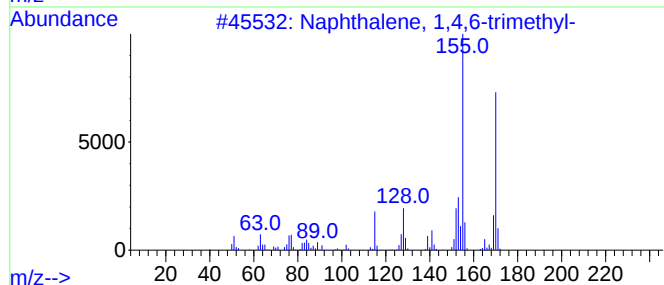
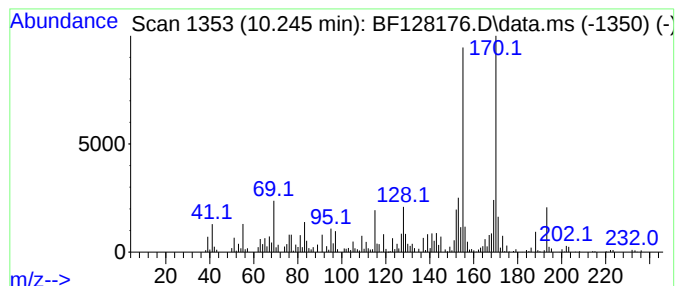
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.245	5.23 ng	168478	Acenaphthene-d10	9.934	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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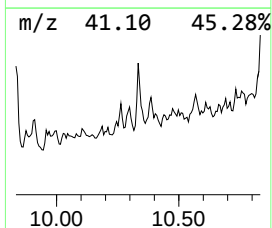
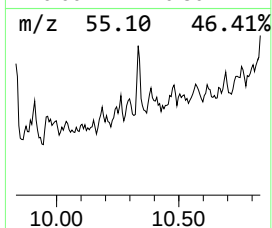
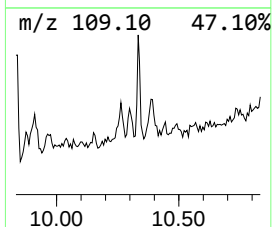
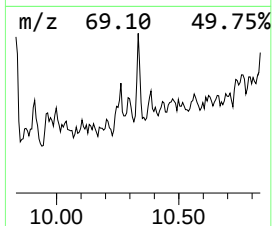
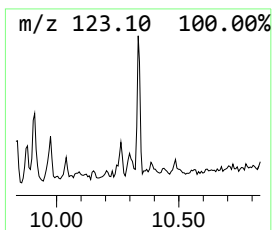
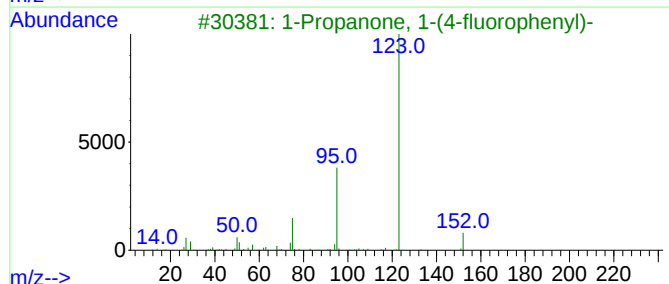
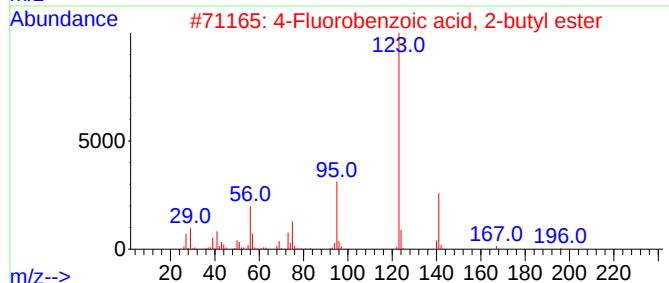
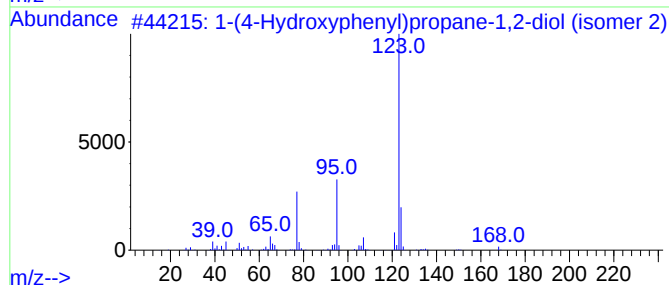
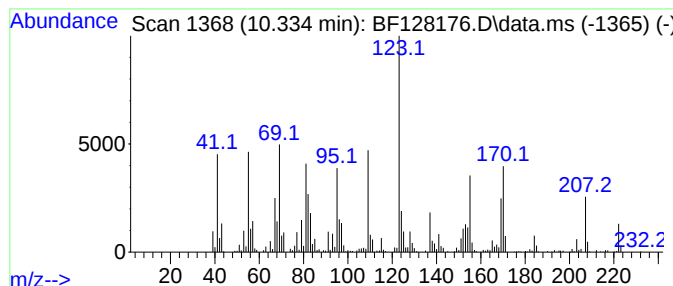
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown10.334 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	8.85 ng	284677	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Hydroxyphenyl)propane-1,2-d...	168	C9H12O3	1000495-85-5	30		
2	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	30		
3	1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	27		
4	2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	27		
5	N2-Methyl-2,3-pyridinediamine	123	C6H9N3	005028-20-6	27		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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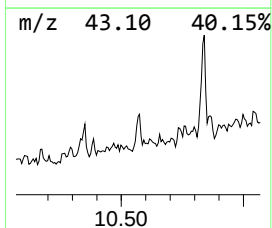
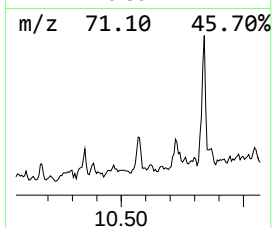
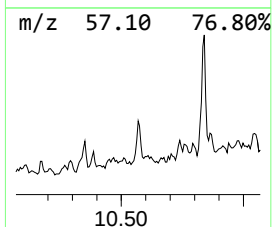
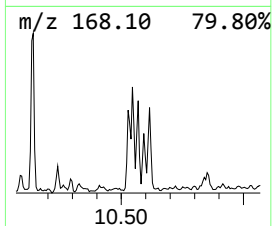
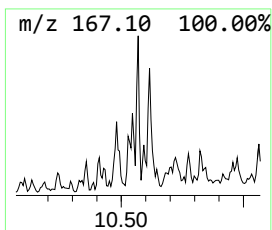
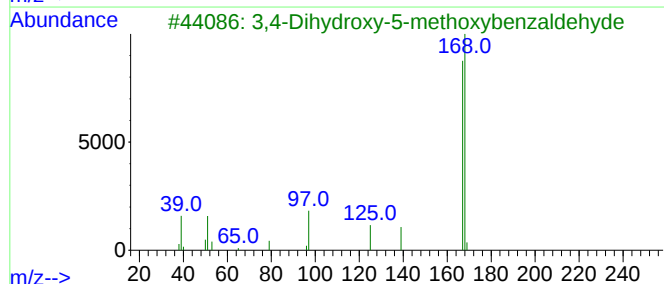
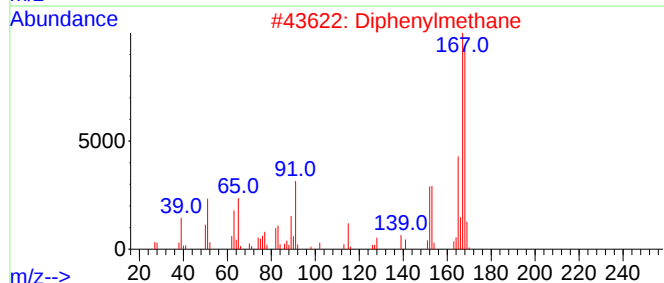
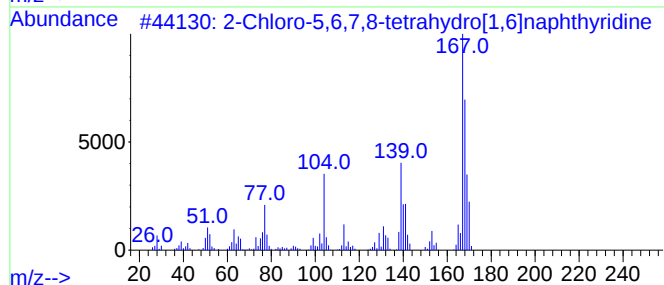
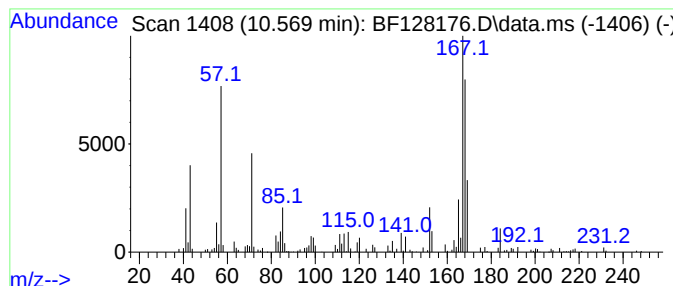
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Chloro-5,6,7,8-tetrahydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.569	2.52 ng	81201	Acenaphthene-d10	9.934	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5,6,7,8-tetrahydro[1,6]...	168	C8H9ClN2	210539-05-2	50
2	Diphenylmethane	168	C13H12	000101-81-5	49
3	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	38
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	35
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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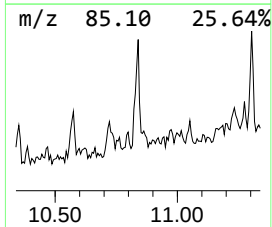
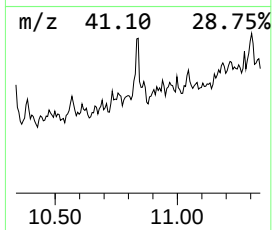
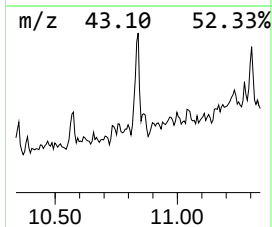
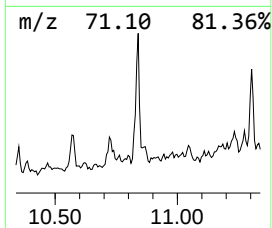
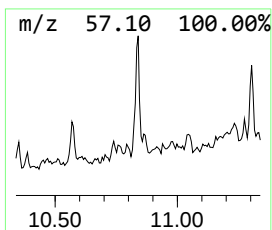
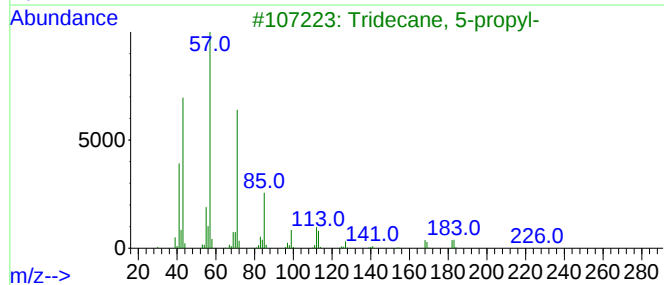
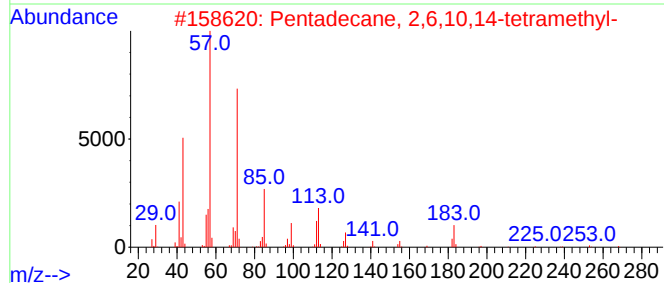
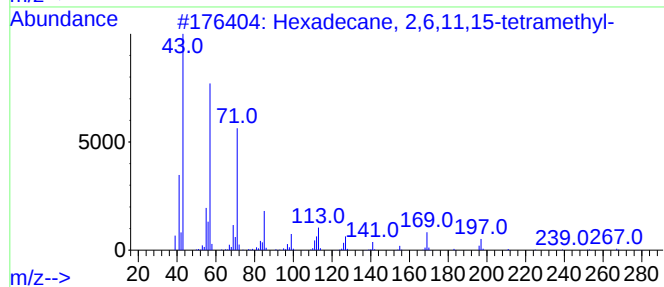
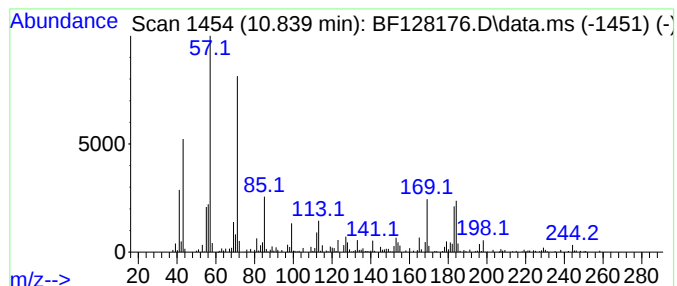
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane, 2,6,11,15-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	4.50 ng	162337	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	52
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	49
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
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Sample : N2749-01
Misc :
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Instrument :
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ClientSampleId :
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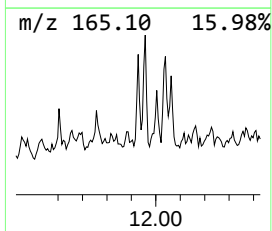
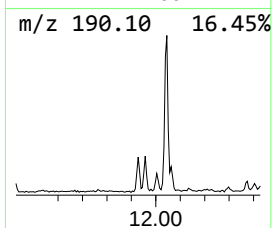
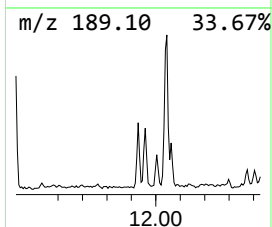
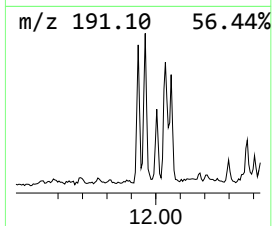
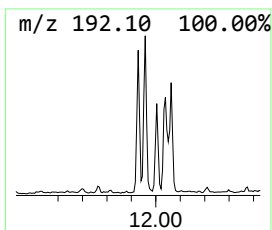
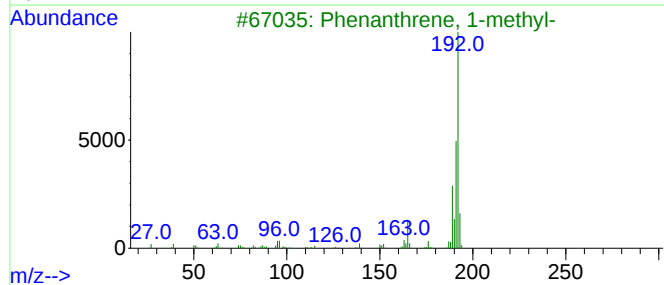
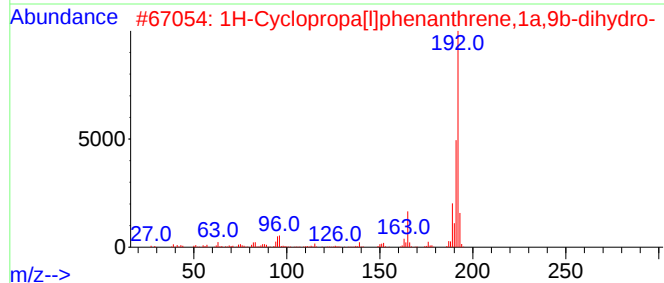
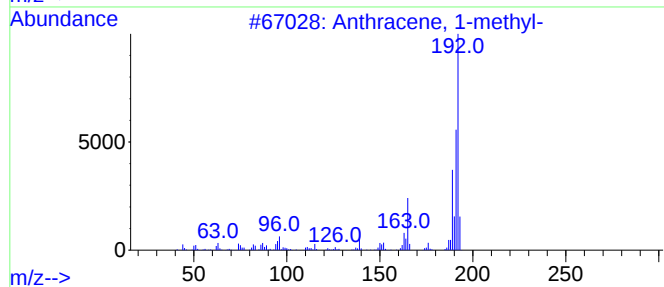
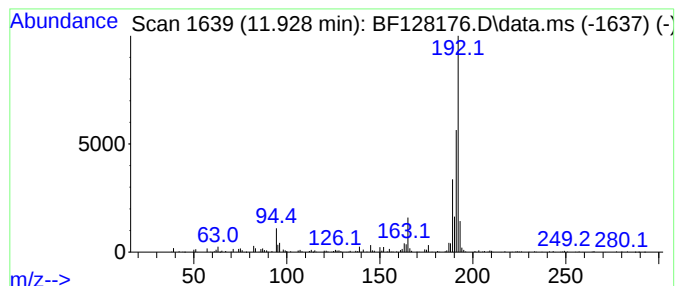
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	5.10 ng	183976	Phenanthrene-d10	11.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
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Sample : N2749-01
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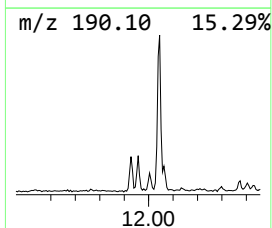
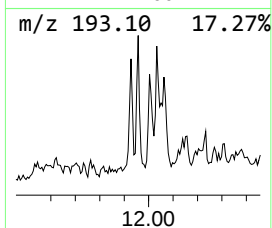
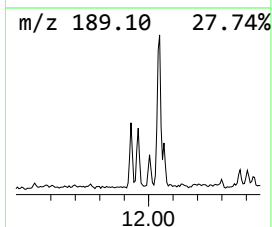
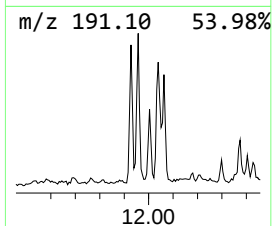
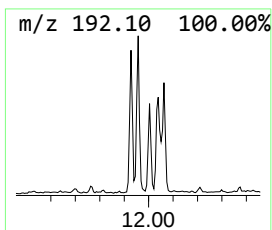
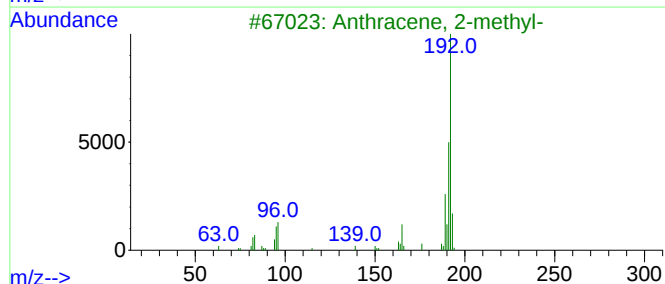
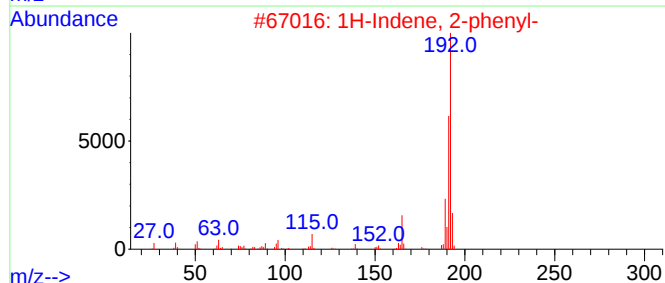
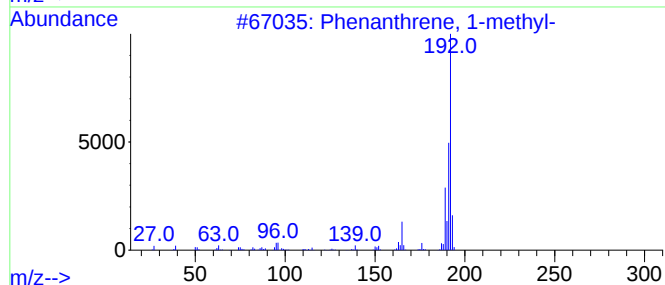
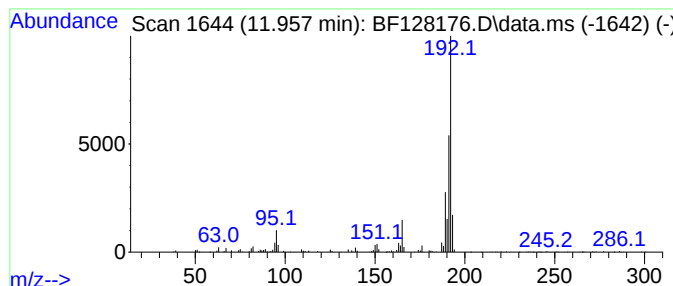
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	6.62 ng	239109	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
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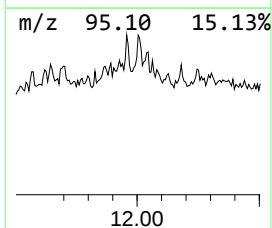
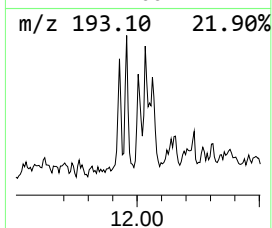
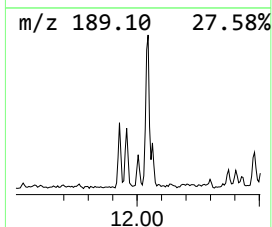
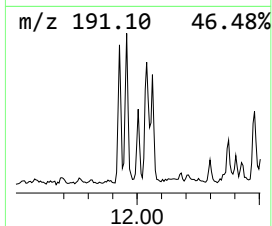
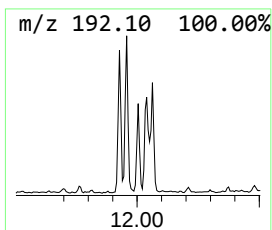
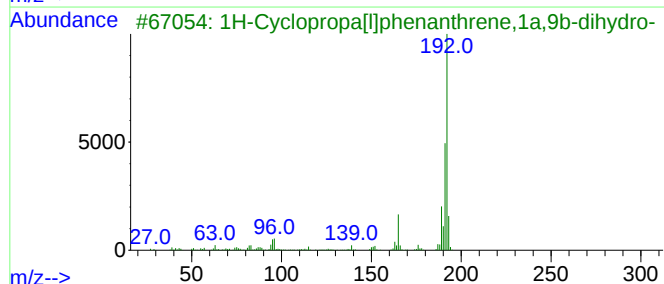
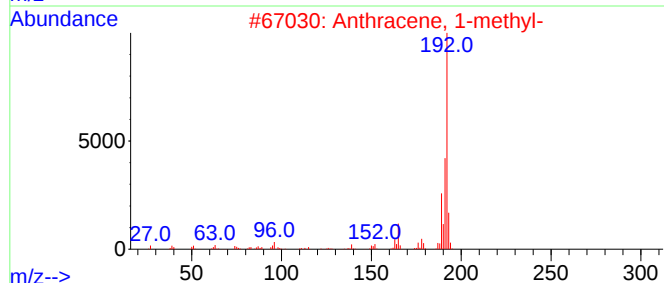
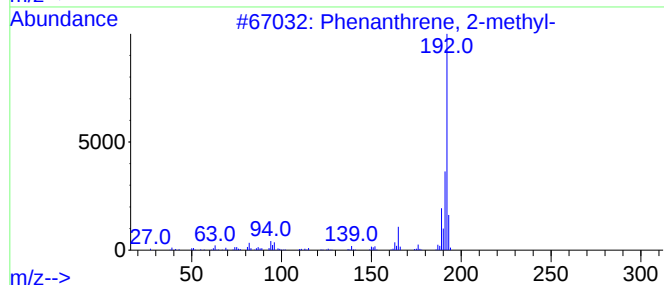
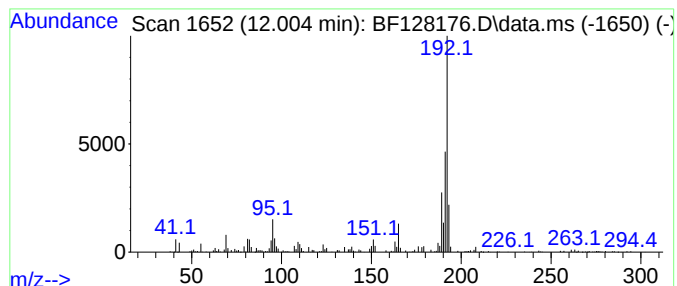
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	4.06 ng	146465	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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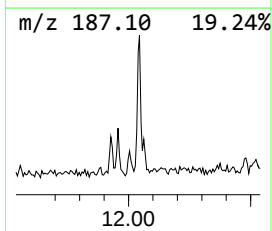
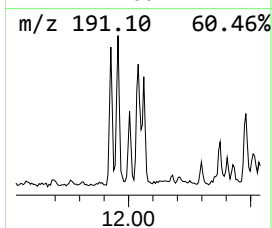
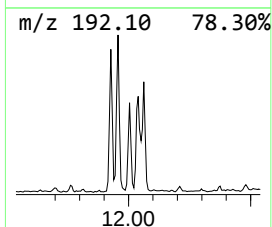
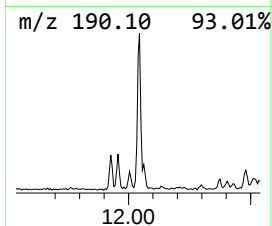
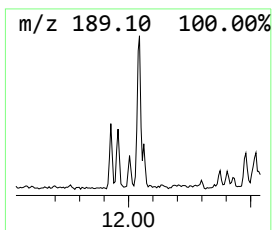
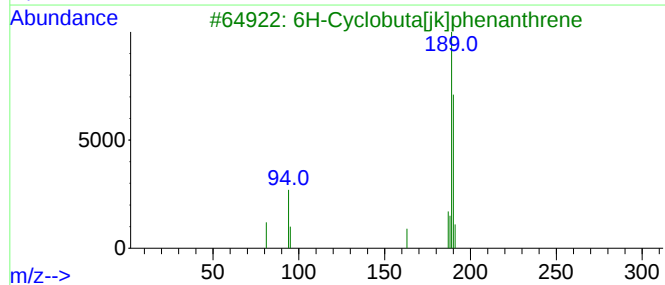
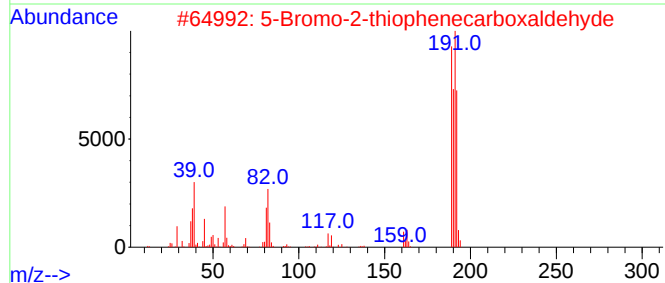
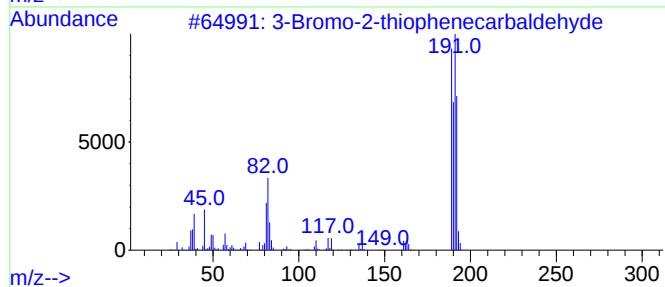
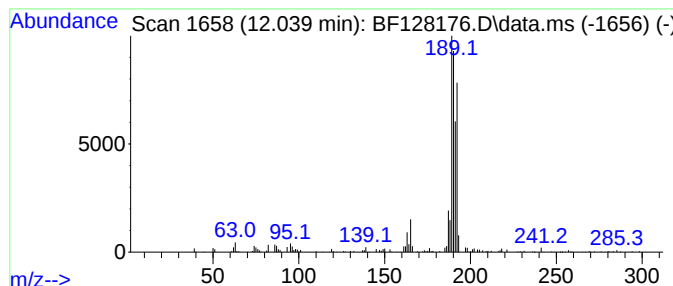
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 3-Bromo-2-thiophenecarbalde... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	5.40 ng	194812	Phenanthrene-d10	11.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	59
2		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	59
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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Acq On : 10 May 2022 22:53
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ALS Vial : 18 Sample Multiplier: 1

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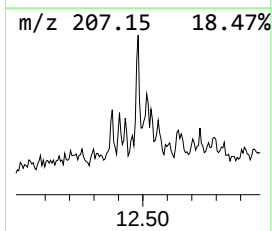
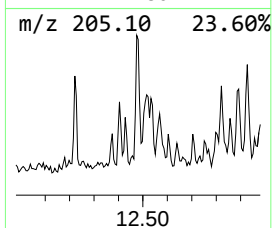
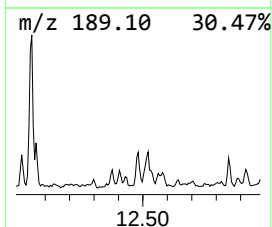
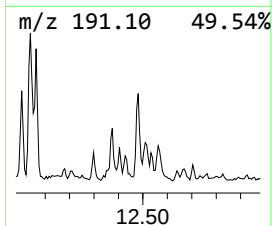
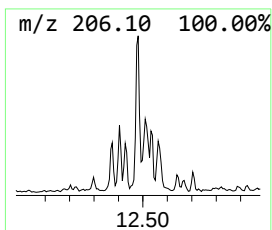
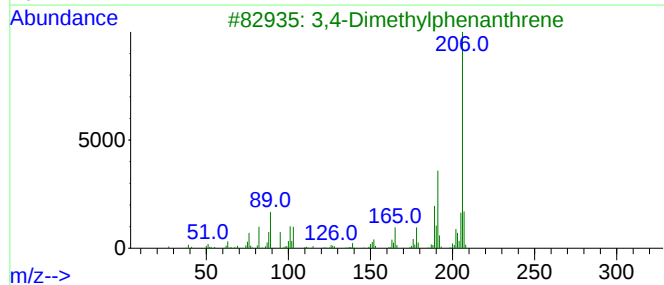
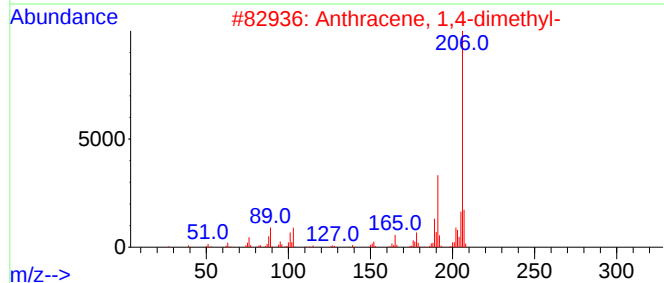
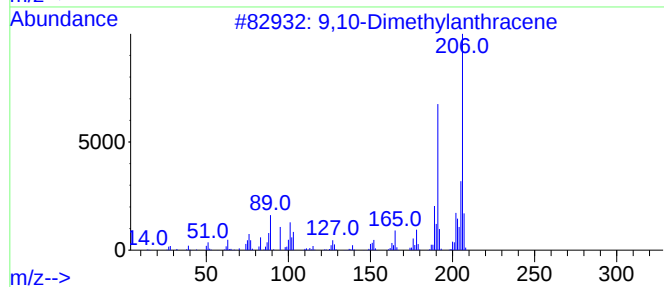
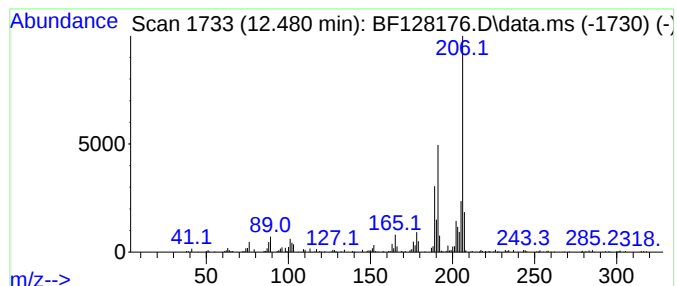
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	4.47 ng	161466	Phenanthrene-d10	11.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

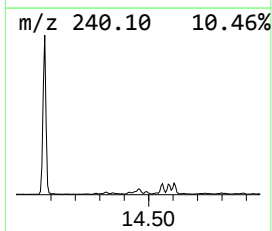
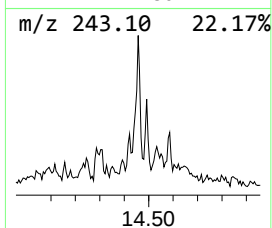
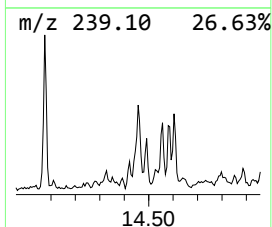
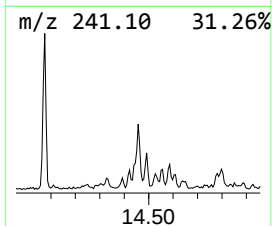
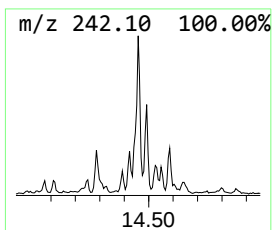
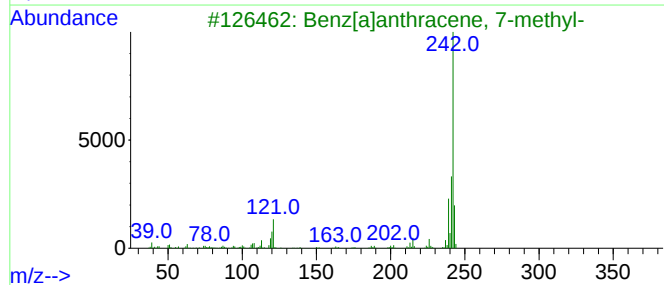
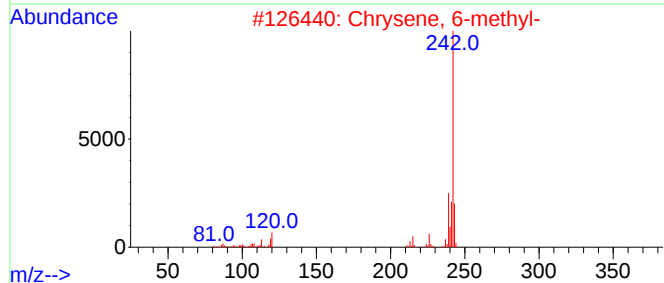
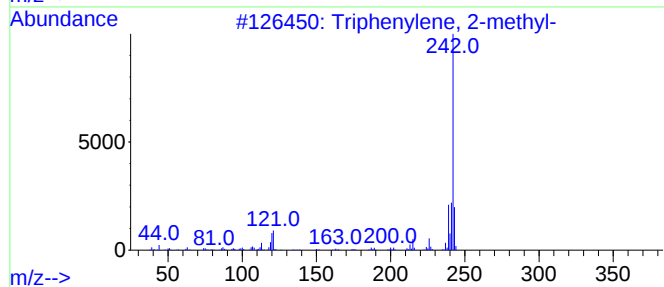
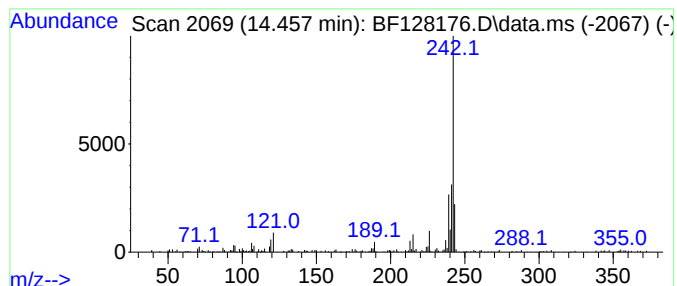
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	2.64 ng	108655	Chrysene-d12	14.074

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
2			Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
3			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	87
4			Chrysene, 3-methyl-	242	C19H14	003351-31-3	81
5			Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

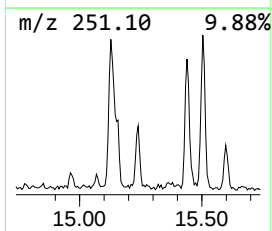
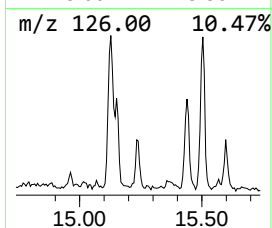
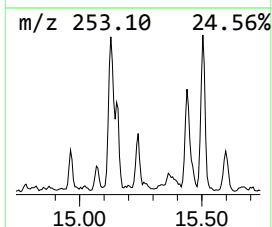
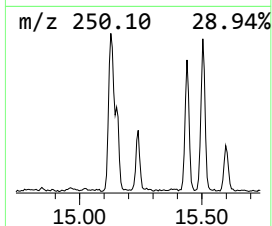
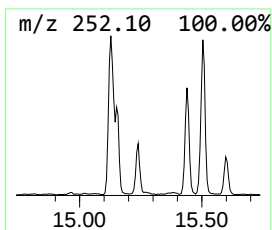
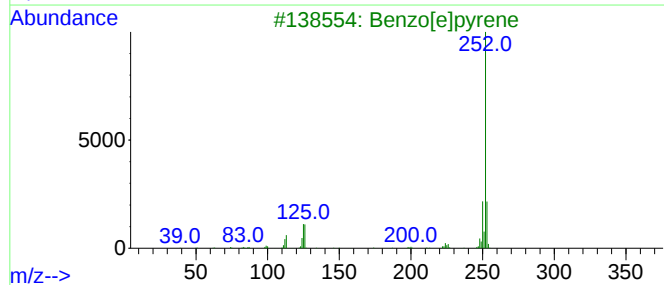
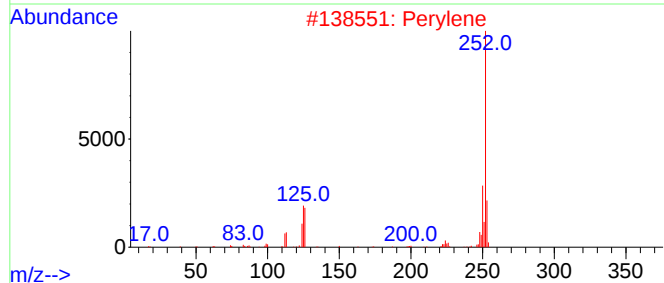
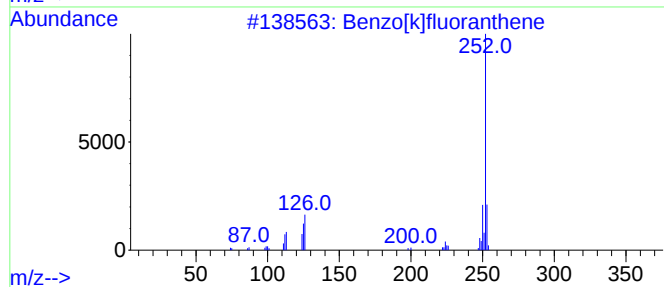
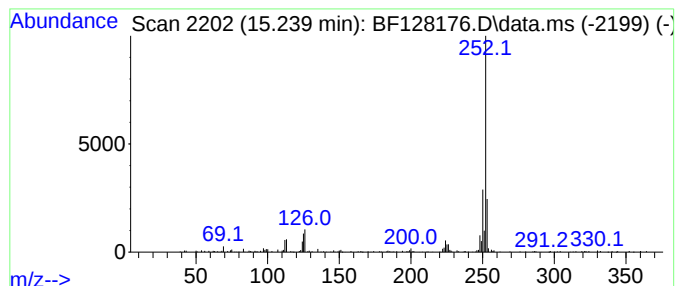
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	4.15 ng	94887	Perylene-d12	15.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2			Perylene	252	C20H12	000198-55-0	94
3			Benzo[e]pyrene	252	C20H12	000192-97-2	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128176.D
Acq On : 10 May 2022 22:53
Operator : CG\JU
Sample : N2749-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

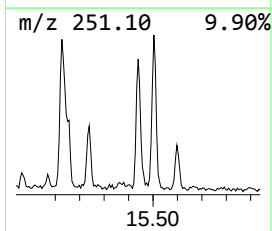
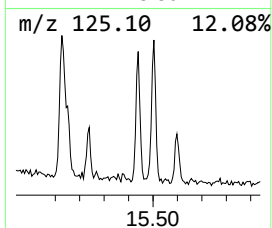
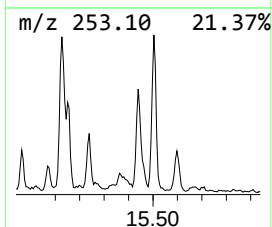
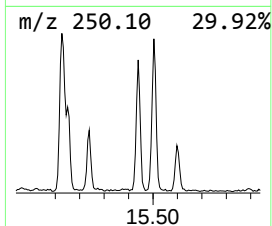
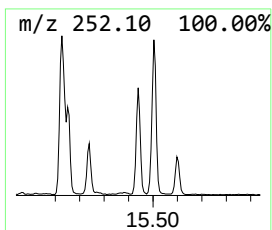
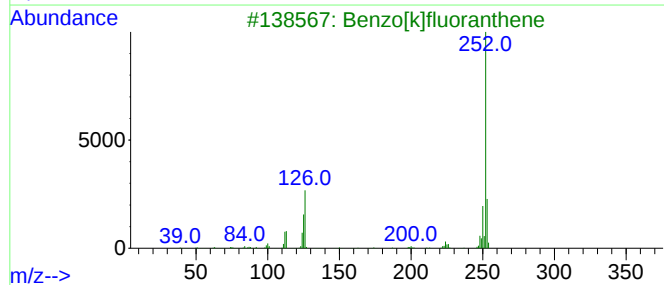
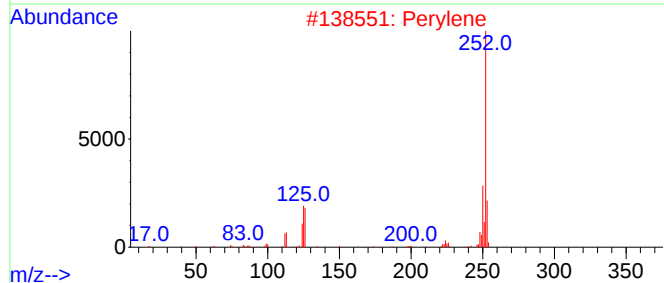
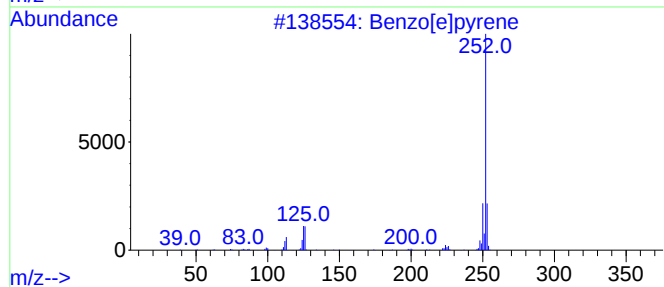
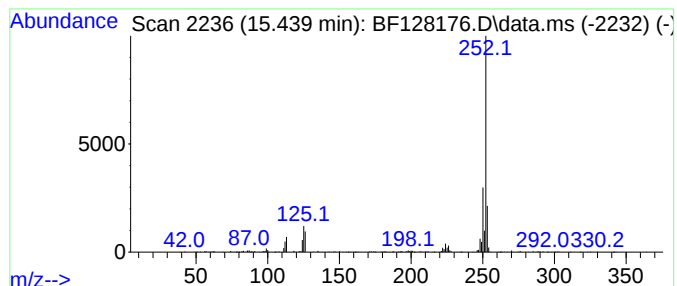
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	13.01 ng	297501	Perylene-d12	15.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128176.D
 Acq On : 10 May 2022 22:53
 Operator : CG\JU
 Sample : N2749-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown9.322	9.322	3.8	ng	120829	3	9.934	643668	20.0
Naphthalene, 2,...	9.516	2.4	ng	77171	3	9.934	643668	20.0
Naphthalene, 2,...	9.586	3.1	ng	100233	3	9.934	643668	20.0
unknown9.634	9.634	5.3	ng	171921	3	9.934	643668	20.0
Naphthalene, 1,...	9.704	2.8	ng	90164	3	9.934	643668	20.0
Naphthalene, 2-...	10.034	3.6	ng	114545	3	9.934	643668	20.0
Naphthalene, 1,...	10.134	3.4	ng	109464	3	9.934	643668	20.0
Naphthalene, 2,...	10.169	2.4	ng	76998	3	9.934	643668	20.0
Naphthalene, 1,...	10.245	5.2	ng	168478	3	9.934	643668	20.0
unknown10.334	10.334	8.8	ng	284677	3	9.934	643668	20.0
2-Chloro-5,6,7,...	10.569	2.5	ng	81201	3	9.934	643668	20.0
Hexadecane, 2,6...	10.839	4.5	ng	162337	4	11.428	721930	20.0
Anthracene, 1-m...	11.928	5.1	ng	183976	4	11.428	721930	20.0
Phenanthrene, 1...	11.957	6.6	ng	239109	4	11.428	721930	20.0
Phenanthrene, 2...	12.004	4.1	ng	146465	4	11.428	721930	20.0
3-Bromo-2-thiop...	12.039	5.4	ng	194812	4	11.428	721930	20.0
9,10-Dimethylan...	12.480	4.5	ng	161466	4	11.428	721930	20.0
Triphenylene, 2...	14.457	2.6	ng	108655	5	14.074	823024	20.0
Perylene	15.239	4.2	ng	94887	6	15.569	457337	20.0
Benzo[e]pyrene	15.439	13.0	ng	297501	6	15.569	457337	20.0