

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030210.D
 Acq On : 03 Mar 2024 09:46
 Operator : MA/JU
 Sample : P1512-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0SC0

Quant Time: Mar 03 22:51:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

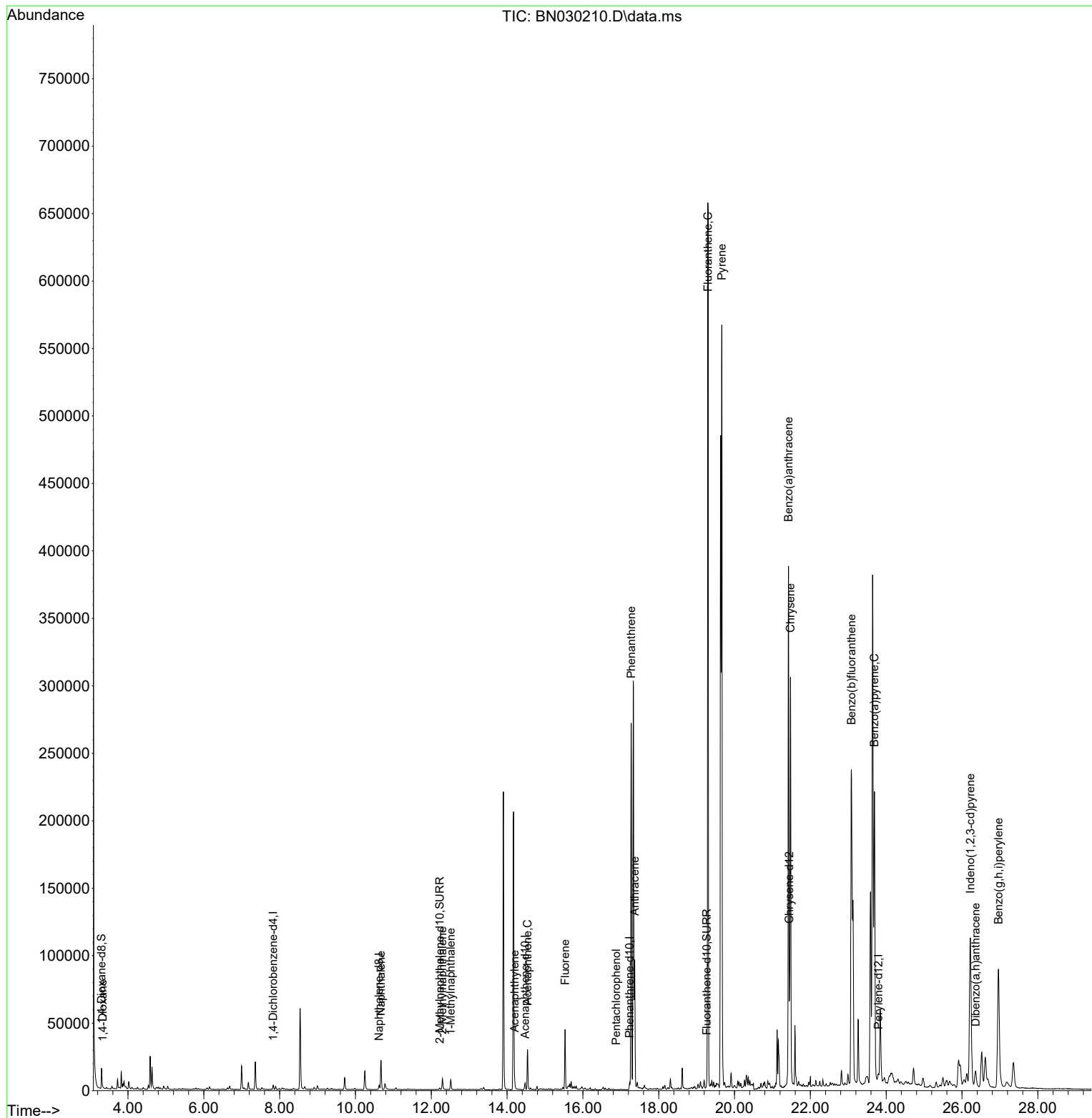
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	1672	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	4674	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.475	164	2613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.231	188	6084	0.400	ng/ul	-0.02
17) Chrysene-d12	21.439	240	7292	0.400	ng/ul	-0.01
23) Perylene-d12	23.792	264	7793	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	9991	4.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	1774	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.268	212	5126	0.216	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.332	88	145	0.058	ng/ul#	6
5) Naphthalene	10.672	128	30510	2.212	ng/ul	95
7) 2-Methylnaphthalene	12.294	142	6084	0.814	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	5185	0.654	ng/ul	100
10) Acenaphthylene	14.197	152	6911	0.473	ng/ul	98
11) Acenaphthene	14.540	153	17766	1.657	ng/ul	96
12) Fluorene	15.530	166	28011	2.565	ng/ul	96
14) Pentachlorophenol	16.876	266	36	0.021	ng/ul#	76
15) Phenanthrene	17.273	178	289671	14.204	ng/ul	96
16) Anthracene	17.366	178	97135	5.412	ng/ul	93
19) Fluoranthene	19.301	202	574173	17.727	ng/ul#	94
20) Pyrene	19.663	202	489636	13.904	ng/ul	94
21) Benzo(a)anthracene	21.421	228	346105	13.429	ng/ul	98
22) Chrysene	21.474	228	294831	9.522	ng/ul	99
24) Benzo(b)fluoranthene	23.081	252	583415	19.412	ng/ul	83
26) Benzo(a)pyrene	23.690	252	308169	10.074	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.219	276	197905	5.066	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.357	278	18481	0.611	ng/ul	93
29) Benzo(g,h,i)perylene	26.961	276	195691	5.399	ng/ul	92

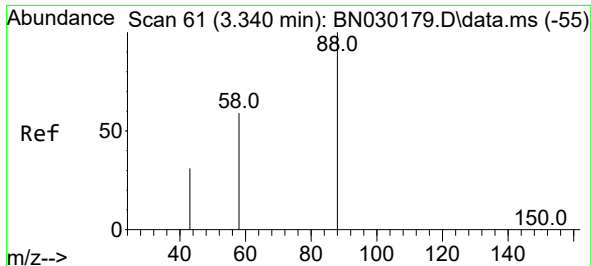
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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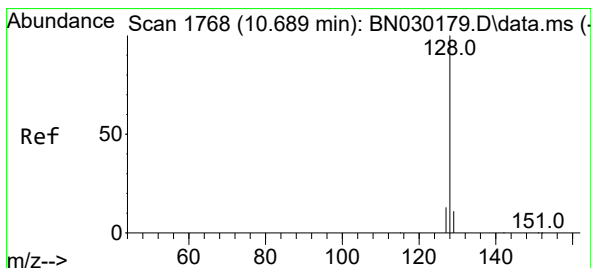
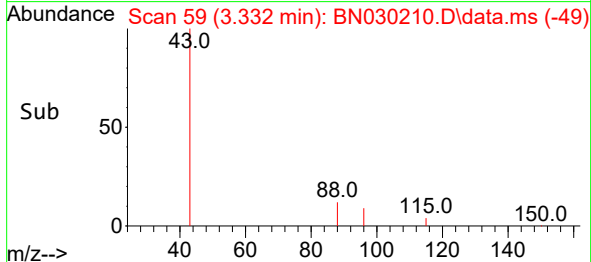
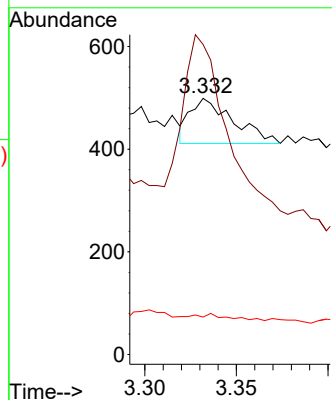
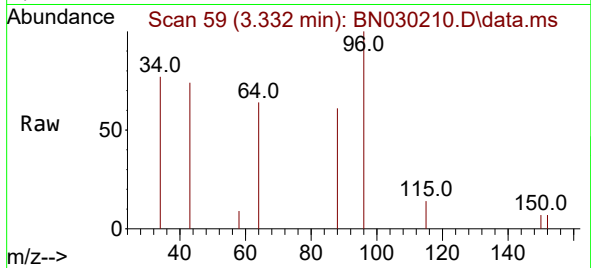




#2
1,4-Dioxane
Concen: 0.058 ng/ul
RT: 3.332 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

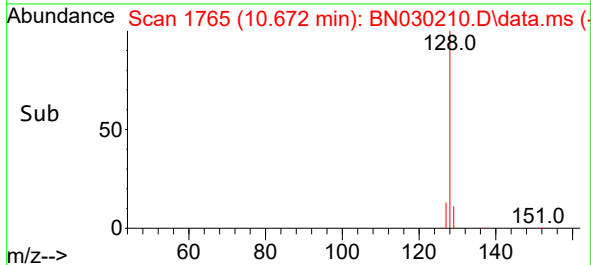
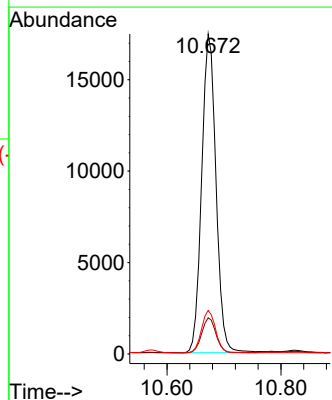
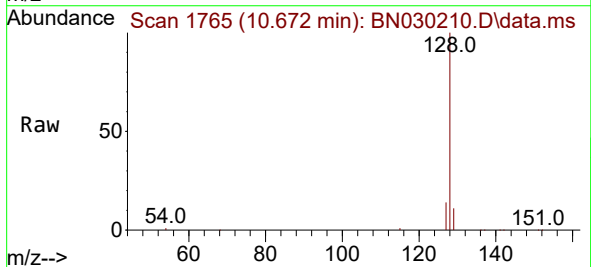
Instrument :
BNA_N
ClientSampleId :
E0SC0

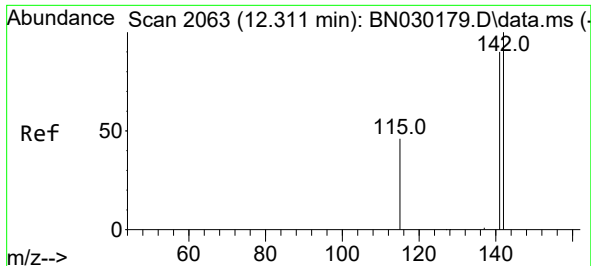
Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
43 121.0 25.7 38.5#
58 14.6 33.8 50.8#



#5
Naphthalene
Concen: 2.212 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Tgt Ion: 128 Resp: 30510
Ion Ratio Lower Upper
128 100
129 11.3 11.0 16.4
127 13.6 12.3 18.5

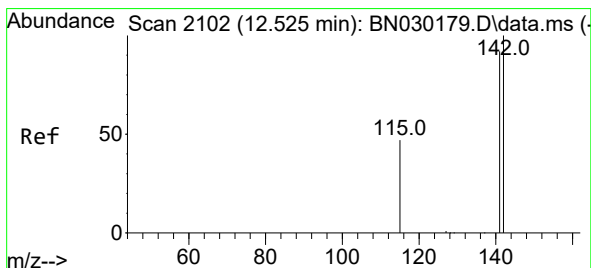
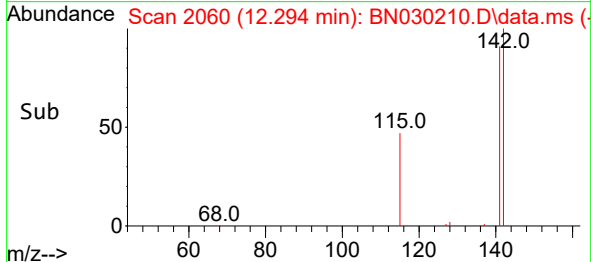
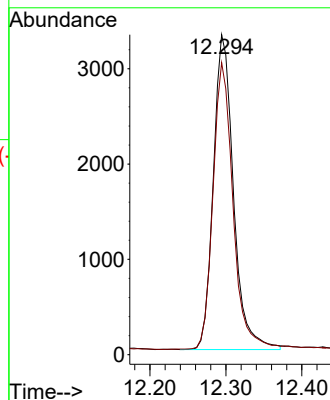
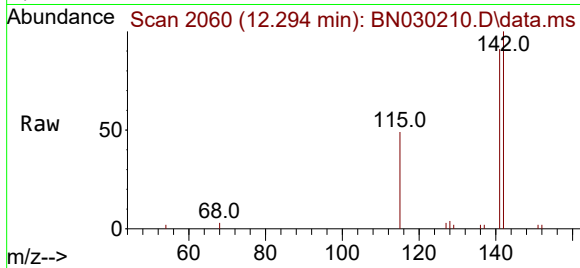




#7
2-Methylnaphthalene
Concen: 0.814 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.016 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

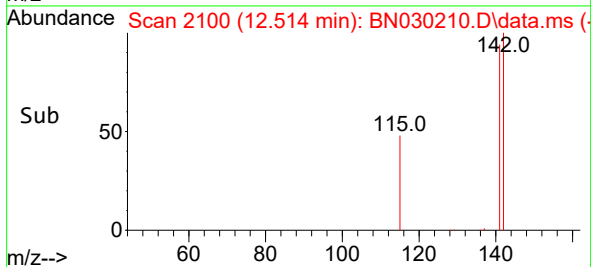
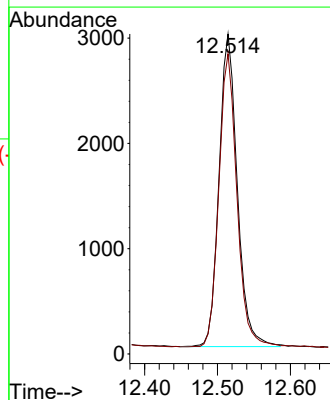
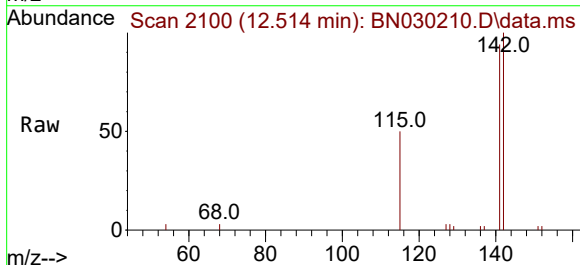
Instrument :
BNA_N
ClientSampleId :
E0SC0

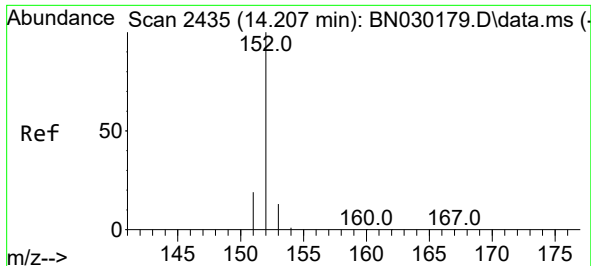
Tgt Ion:142 Resp: 6084
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.654 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Tgt Ion:142 Resp: 5185
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.2

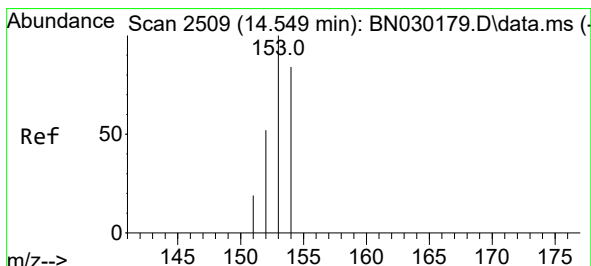
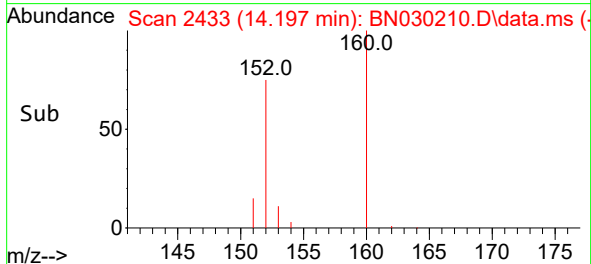
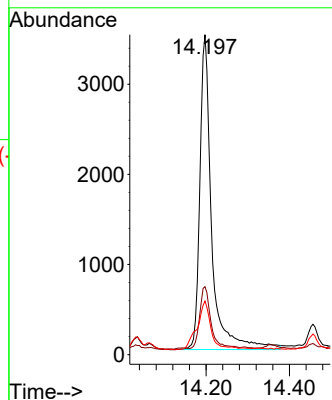
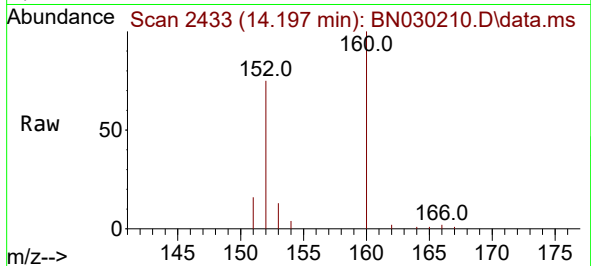




#10
Acenaphthylene
Concen: 0.473 ng/ul
RT: 14.197 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

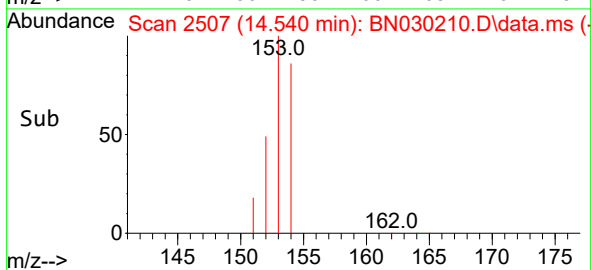
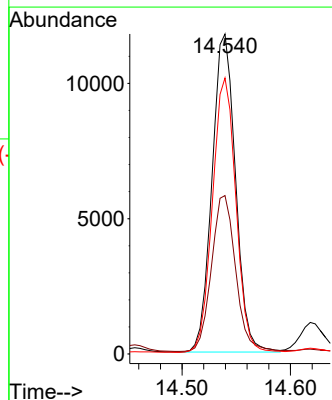
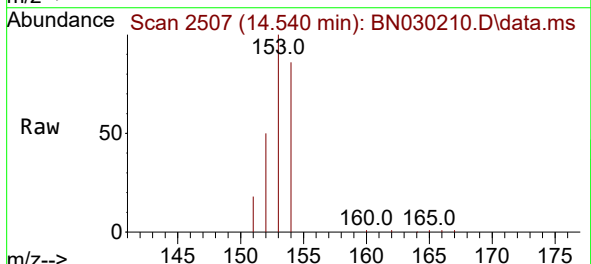
Instrument :
BNA_N
ClientSampleId :
E0SC0

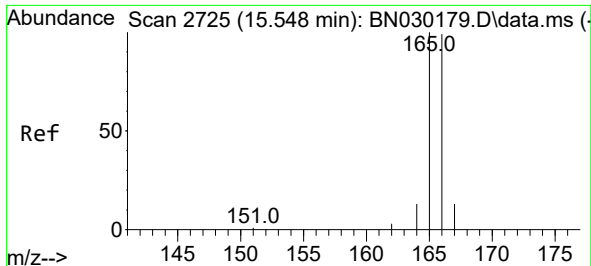
Tgt Ion:152 Resp: 6911
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 16.7 11.8 17.6



#11
Acenaphthene
Concen: 1.657 ng/ul
RT: 14.540 min Scan# 2507
Delta R.T. -0.009 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Tgt Ion:153 Resp: 17766
Ion Ratio Lower Upper
153 100
152 49.5 43.2 64.8
154 86.3 67.5 101.3

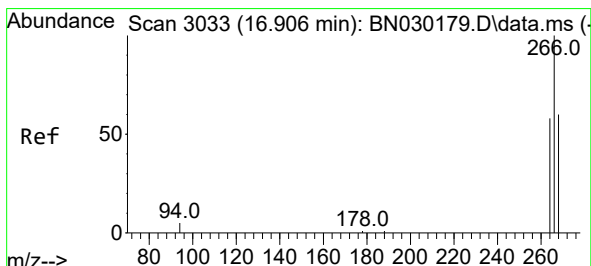
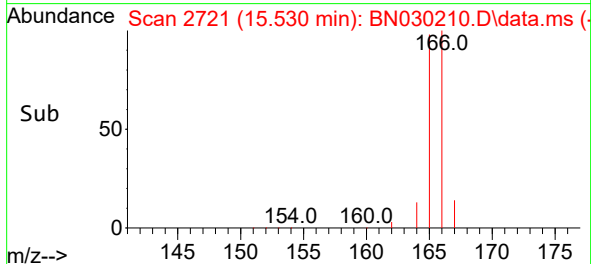
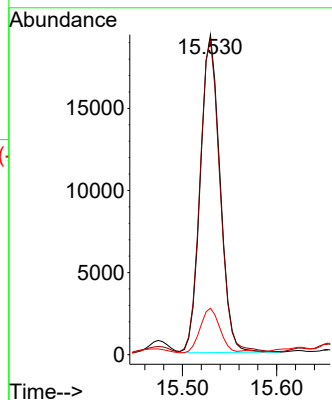
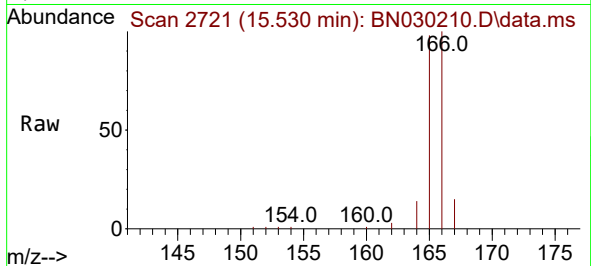




#12
Fluorene
Concen: 2.565 ng/ul
RT: 15.530 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

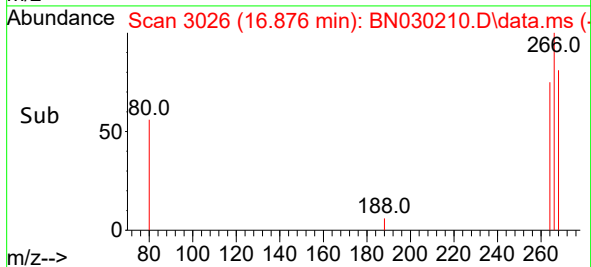
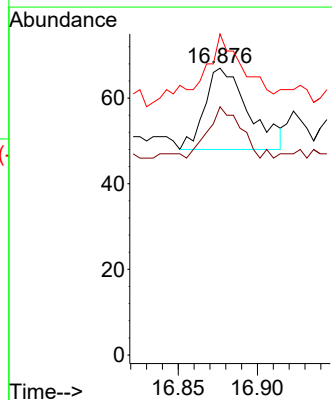
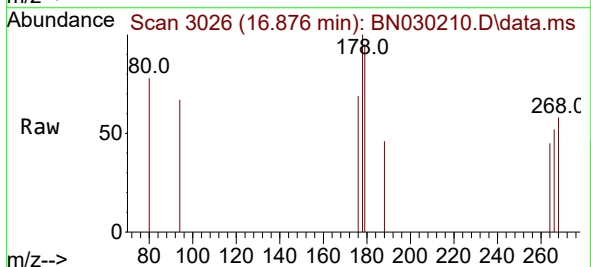
Instrument :
BNA_N
ClientSampleId :
E0SC0

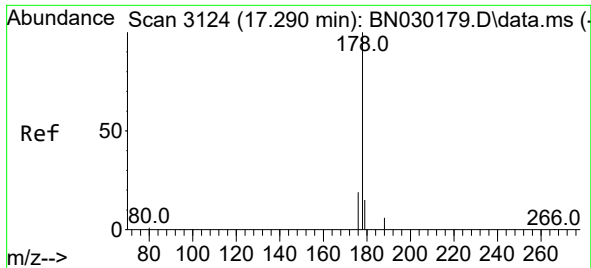
Tgt Ion:166 Resp: 28011
Ion Ratio Lower Upper
166 100
165 98.4 81.8 122.6
167 14.5 13.0 19.4



#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.876 min Scan# 3026
Delta R.T. -0.030 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Tgt Ion:266 Resp: 36
Ion Ratio Lower Upper
266 100
264 50.0 49.8 74.8
268 91.7 53.4 80.2#

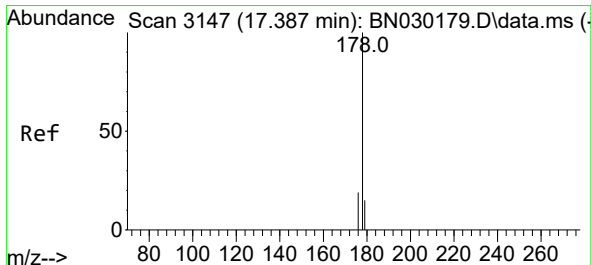
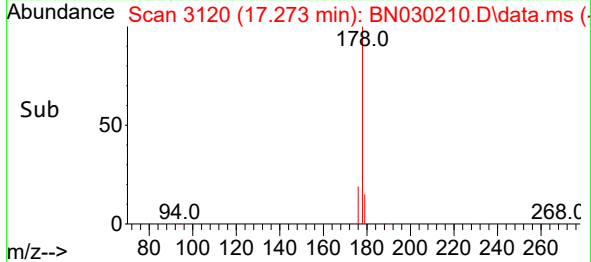
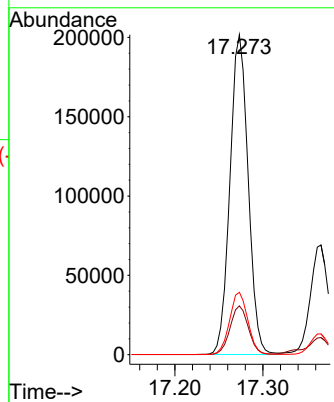
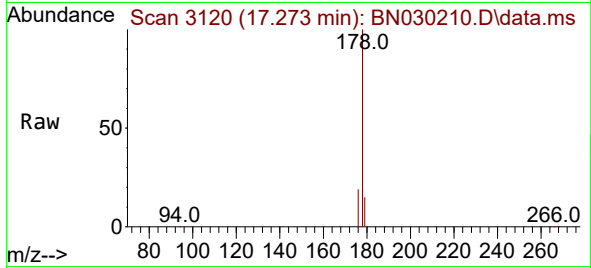




#15
 Phenanthrene
 Concen: 14.204 ng/ul
 RT: 17.273 min Scan# 3120
 Delta R.T. -0.017 min
 Lab File: BN030210.D
 Acq: 03 Mar 2024 09:46

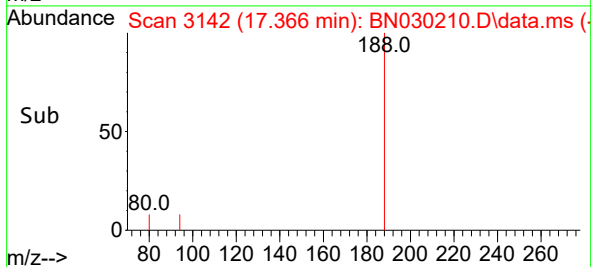
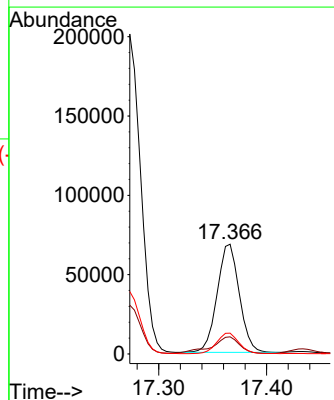
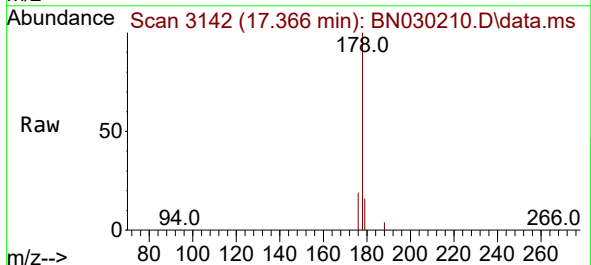
Instrument :
 BNA_N
 ClientSampleId :
 E0SC0

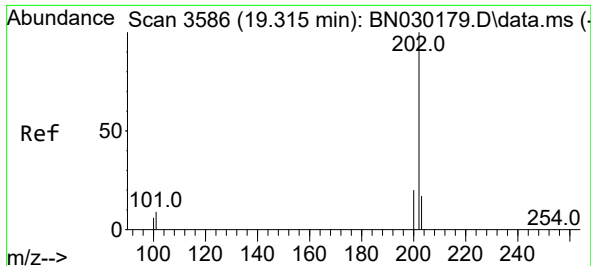
Tgt Ion:	178	Resp:	289671
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.8	20.8
176	19.5	16.6	25.0



#16
 Anthracene
 Concen: 5.412 ng/ul
 RT: 17.366 min Scan# 3142
 Delta R.T. -0.021 min
 Lab File: BN030210.D
 Acq: 03 Mar 2024 09:46

Tgt Ion:	178	Resp:	97135
Ion Ratio	Lower	Upper	
178	100		
179	15.6	14.8	22.2
176	18.9	17.8	26.6

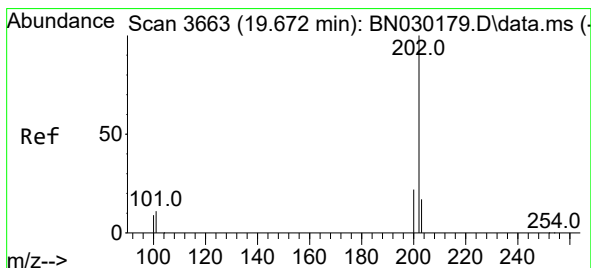
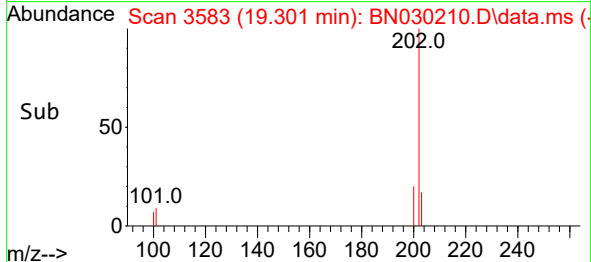
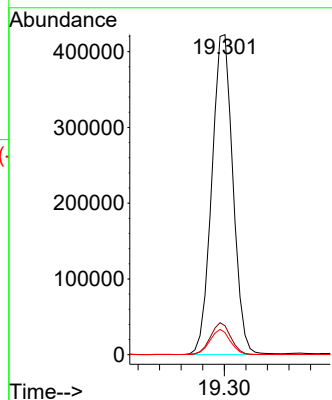
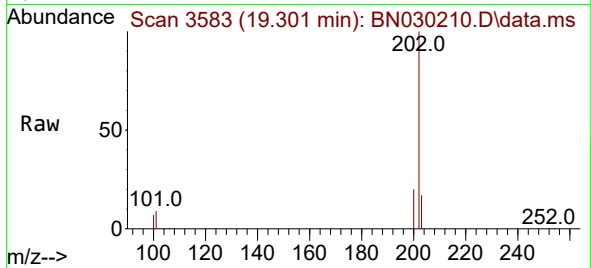




#19
Fluoranthene
Concen: 17.727 ng/ul
RT: 19.301 min Scan# 3583
Delta R.T. -0.014 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

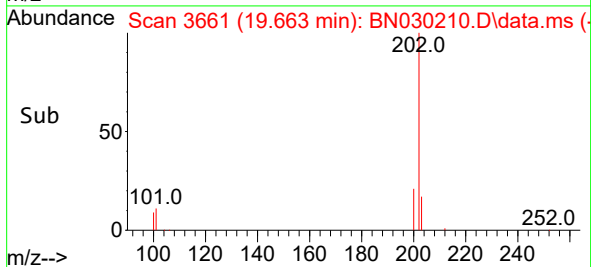
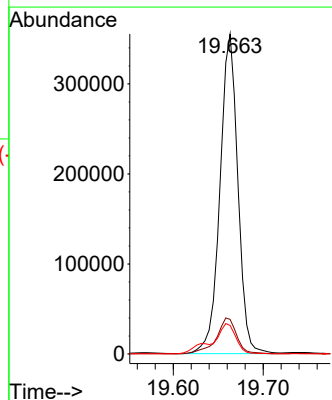
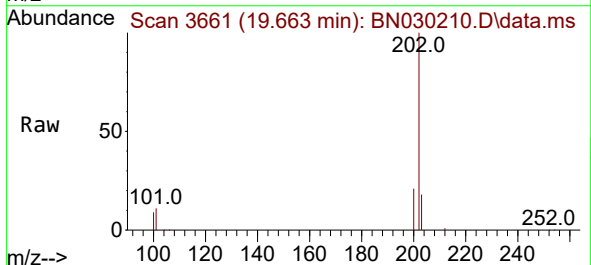
Instrument :
BNA_N
ClientSampleId :
E0SC0

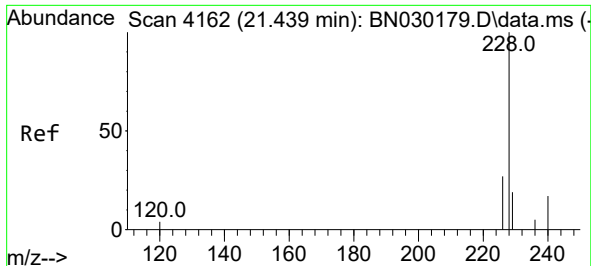
Tgt Ion:202 Resp: 574173
Ion Ratio Lower Upper
202 100
101 9.1 8.8 13.2
100 6.9 7.4 11.2#



#20
Pyrene
Concen: 13.904 ng/ul
RT: 19.663 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

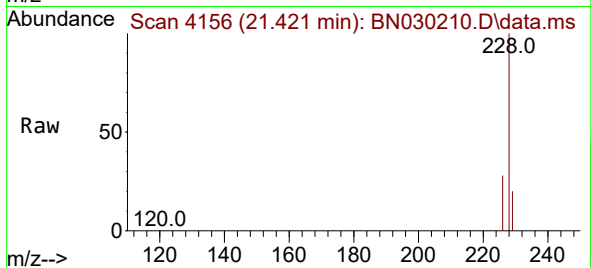
Tgt Ion:202 Resp: 489636
Ion Ratio Lower Upper
202 100
101 10.8 10.6 15.8
100 8.9 8.8 13.2



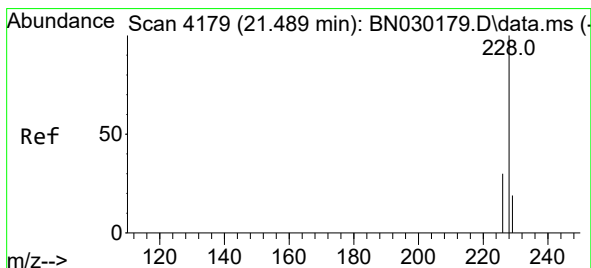
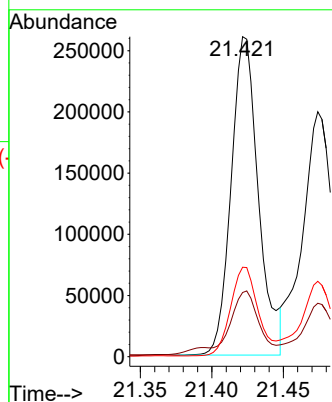
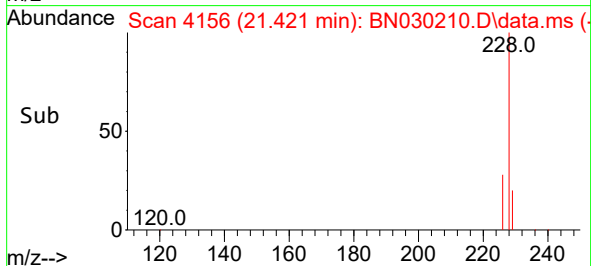


#21
Benzo(a)anthracene
Concen: 13.429 ng/ul
RT: 21.421 min Scan# 4162
Delta R.T. -0.018 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Instrument :
BNA_N
ClientSampleId :
E0SC0

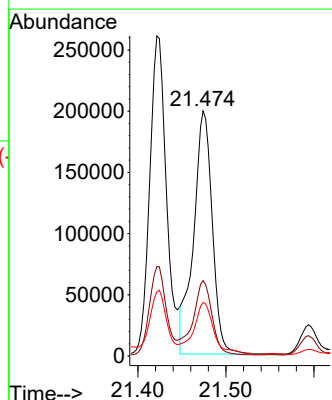
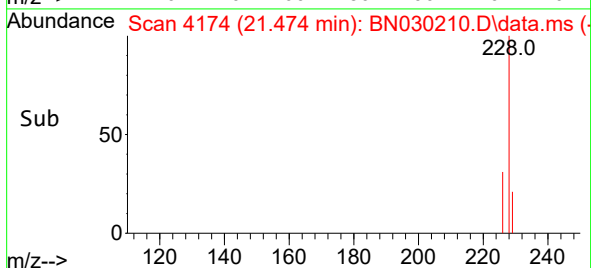
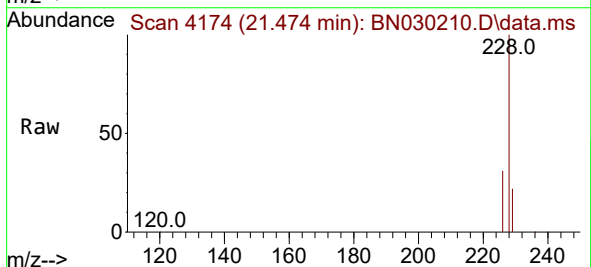


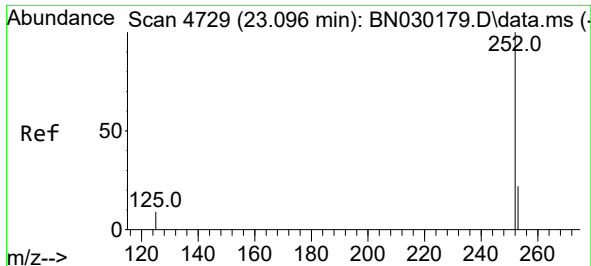
Tgt Ion:228 Resp: 346105
Ion Ratio Lower Upper
228 100
229 20.1 16.6 24.8
226 28.0 23.7 35.5



#22
Chrysene
Concen: 9.522 ng/ul
RT: 21.474 min Scan# 4174
Delta R.T. -0.015 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

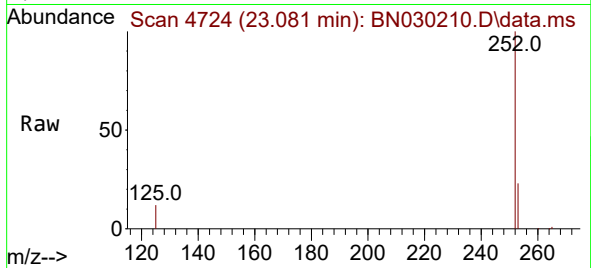
Tgt Ion:228 Resp: 294831
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.8 16.6 24.8



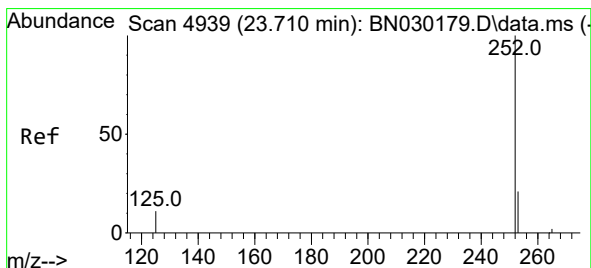
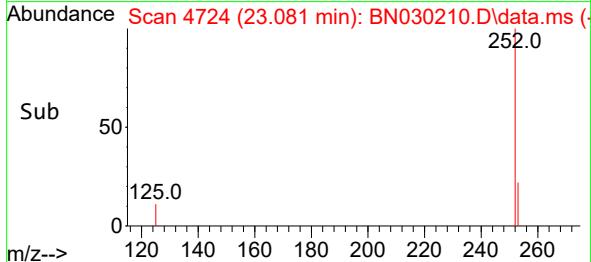
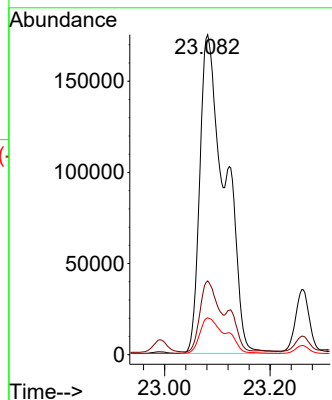


#24
Benzo(b)fluoranthene
Concen: 19.412 ng/ul
RT: 23.081 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Instrument :
BNA_N
ClientSampleId :
E0SC0

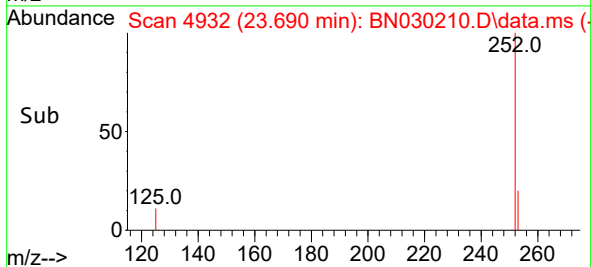
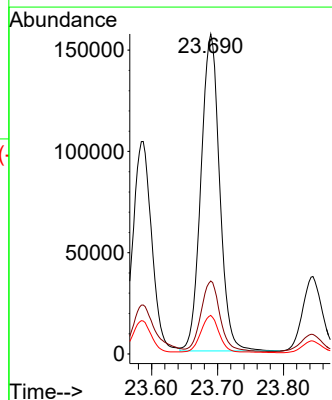
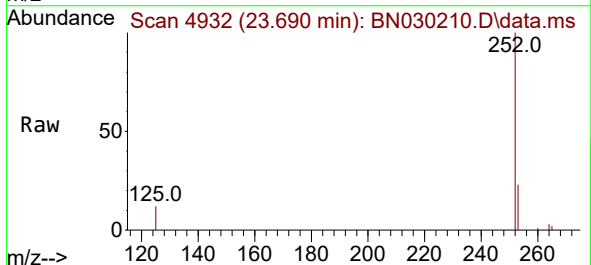


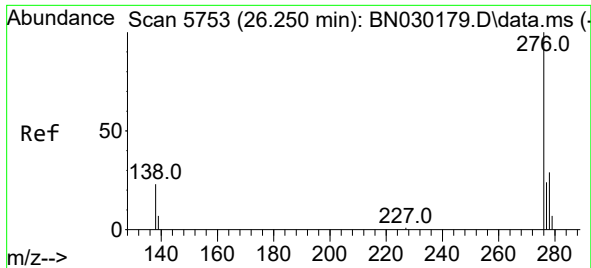
Tgt Ion:252 Resp: 583415
Ion Ratio Lower Upper
252 100
253 23.0 0.0 69.4
125 11.6 0.0 32.8



#26
Benzo(a)pyrene
Concen: 10.074 ng/ul
RT: 23.690 min Scan# 4932
Delta R.T. -0.020 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Tgt Ion:252 Resp: 308169
Ion Ratio Lower Upper
252 100
253 22.8 33.0 49.4#
125 12.0 16.9 25.3#

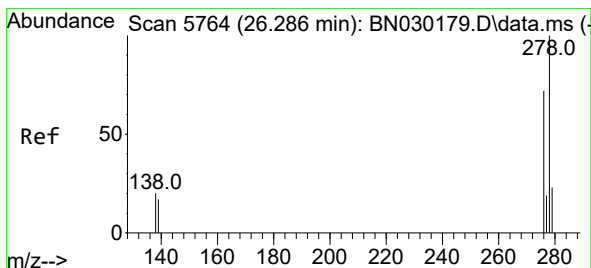
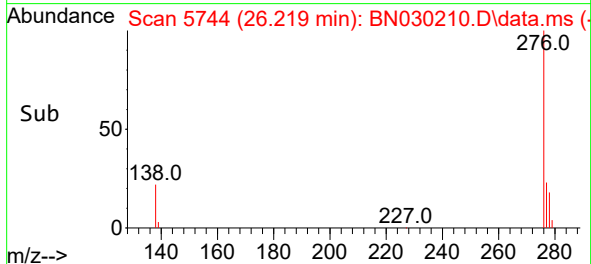
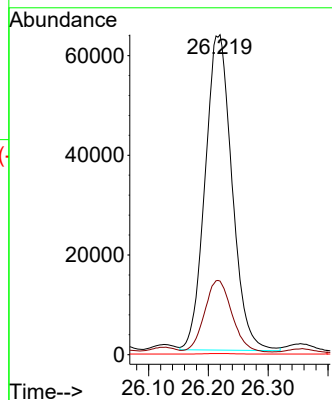
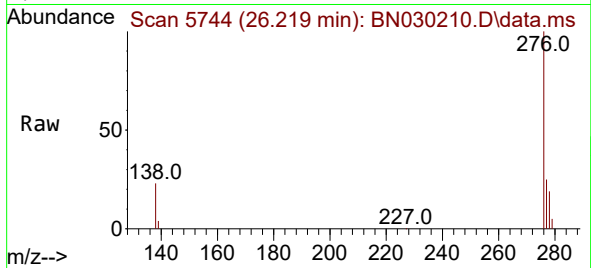




#27
Indeno(1,2,3-cd)pyrene
Concen: 5.066 ng/ul
RT: 26.219 min Scan# 51
Delta R.T. -0.030 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

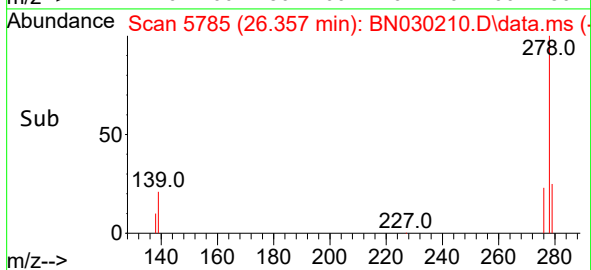
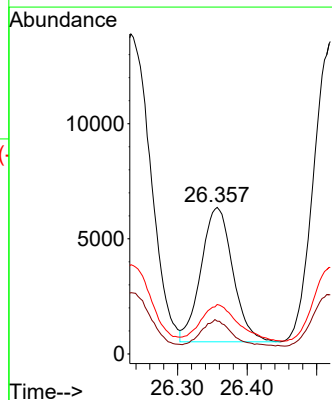
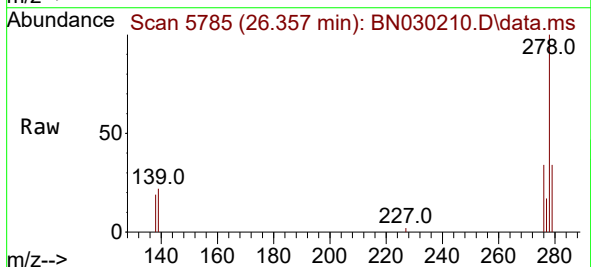
Instrument :
BNA_N
ClientSampleId :
E0SC0

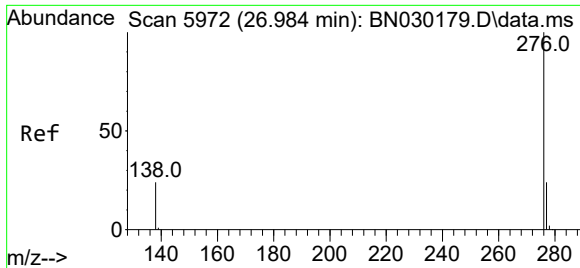
Tgt Ion:276 Resp: 197905
Ion Ratio Lower Upper
276 100
138 23.1 20.9 31.3
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.611 ng/ul
RT: 26.357 min Scan# 5785
Delta R.T. 0.070 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Tgt Ion:278 Resp: 18481
Ion Ratio Lower Upper
278 100
139 22.4 18.9 28.3
279 33.7 31.8 47.6





#29
Benzo(g,h,i)perylene
Concen: 5.399 ng/ul
RT: 26.961 min Scan# 5965
Delta R.T. -0.023 min
Lab File: BN030210.D
Acq: 03 Mar 2024 09:46

Instrument :
BNA_N
ClientSampleId :
E0SC0

Tgt Ion:276 Resp: 195691
Ion Ratio Lower Upper
276 100
138 23.7 22.6 33.8
277 23.9 21.9 32.9

