

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023454.D
 Acq On : 25 Dec 2022 19:07
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 26 01:24:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

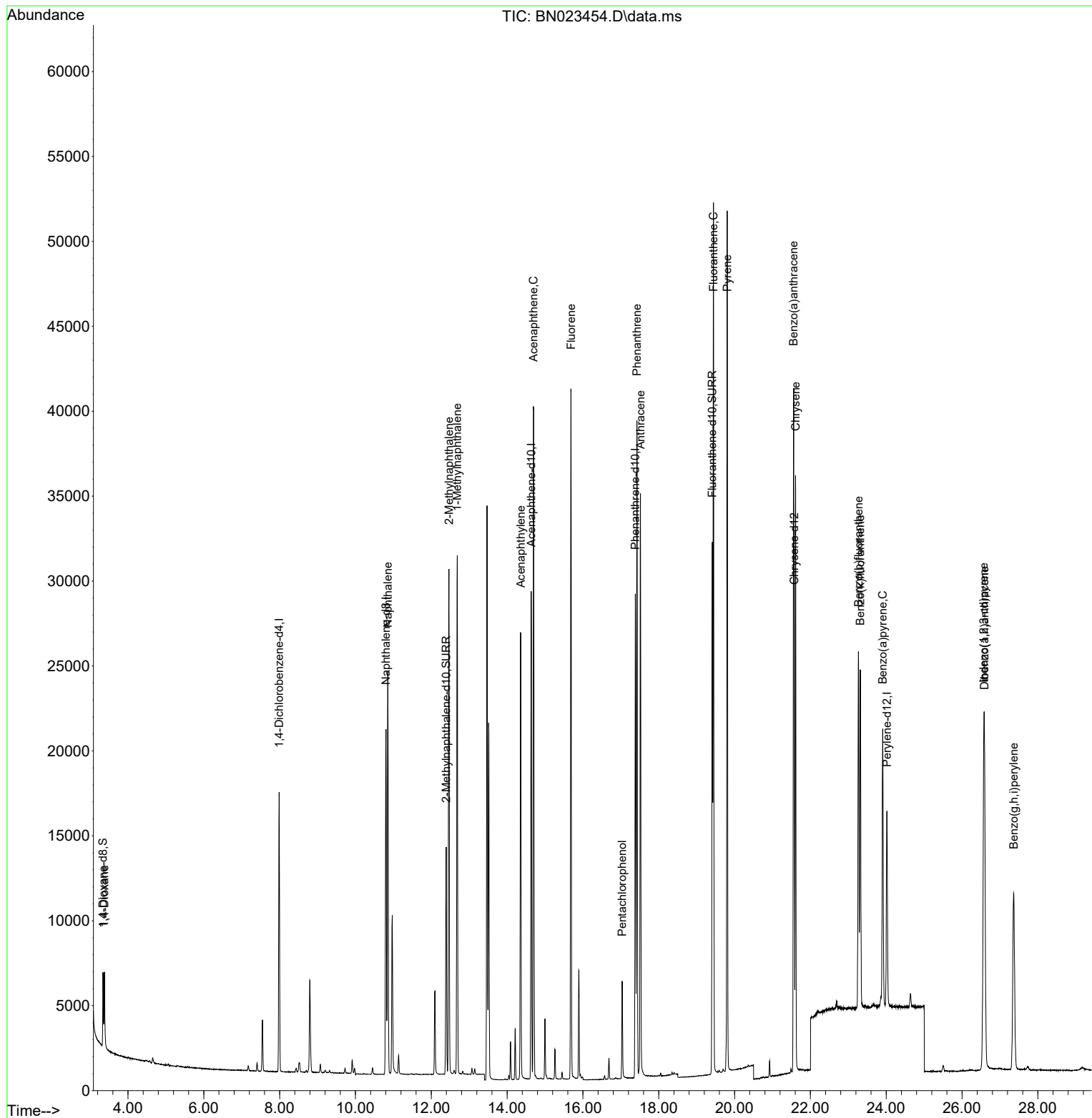
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	8137	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	26660	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	15129	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.382	188	32065	0.400	ng/ul	0.00
17) Chrysene-d12	21.572	240	18637	0.400	ng/ul	0.00
23) Perylene-d12	24.019	264	15686	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2950	0.334	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	16716	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	32464	0.482	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	3087	0.341	ng/ul	93
5) Naphthalene	10.854	128	31257	0.399	ng/ul	100
7) 2-Methylnaphthalene	12.465	142	20115	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	20494	0.397	ng/ul	100
10) Acenaphthylene	14.359	152	29128	0.434	ng/ul	99
11) Acenaphthene	14.696	153	22384	0.396	ng/ul	99
12) Fluorene	15.686	166	24981	0.393	ng/ul	99
14) Pentachlorophenol	17.036	266	3772	0.424	ng/ul	100
15) Phenanthrene	17.424	178	39627	0.380	ng/ul	99
16) Anthracene	17.517	178	36048	0.416	ng/ul	100
19) Fluoranthene	19.444	202	41777	0.462	ng/ul	98
20) Pyrene	19.806	202	41600	0.456	ng/ul	98
21) Benzo(a)anthracene	21.555	228	31337	0.432	ng/ul	100
22) Chrysene	21.607	228	29781	0.404	ng/ul	99
24) Benzo(b)fluoranthene	23.267	252	26797	0.330	ng/ul	98
25) Benzo(k)fluoranthene	23.314	252	26434	0.347	ng/ul	99
26) Benzo(a)pyrene	23.908	252	23040	0.359	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.574	276	28712	0.383	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.590	278	22754	0.391	ng/ul	99
29) Benzo(g,h,i)perylene	27.362	276	23727	0.388	ng/ul	98

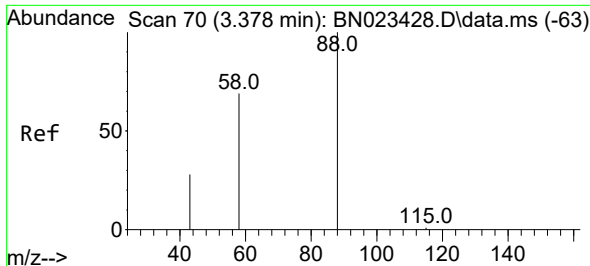
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
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BNA_N
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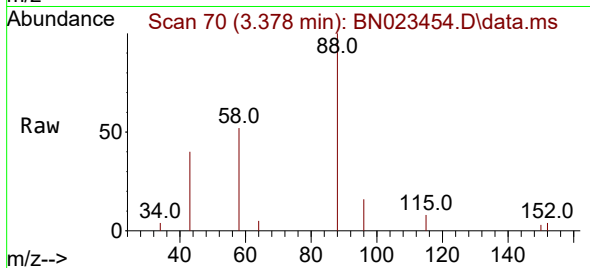
Quant Time: Dec 26 01:24:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration



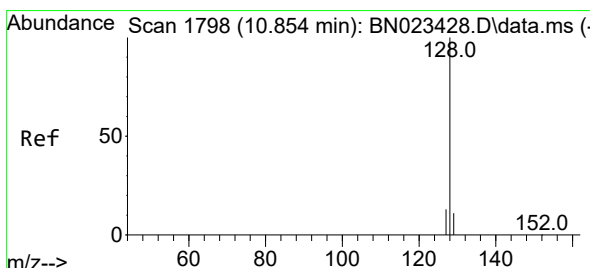
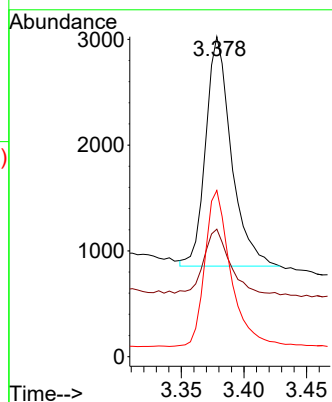
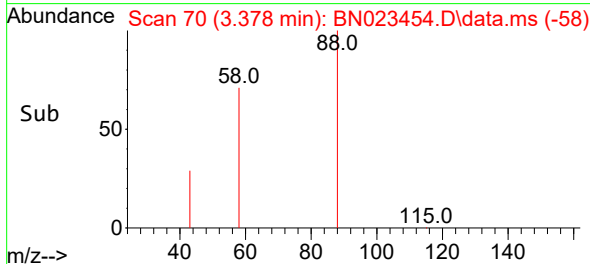


#2
1,4-Dioxane
Concen: 0.341 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. 0.000 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

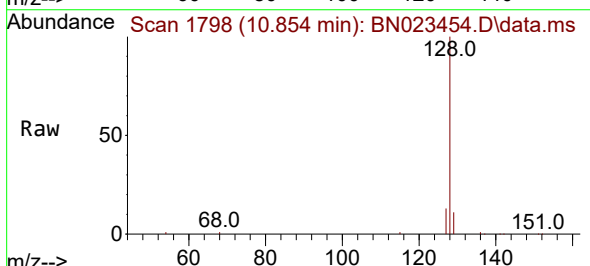
Instrument :
BNA_N
ClientSampleId :



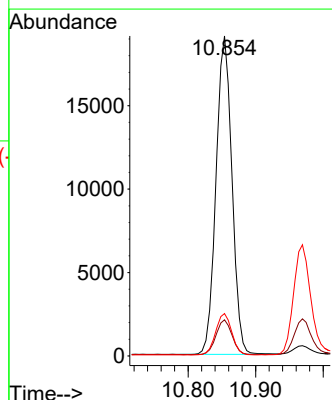
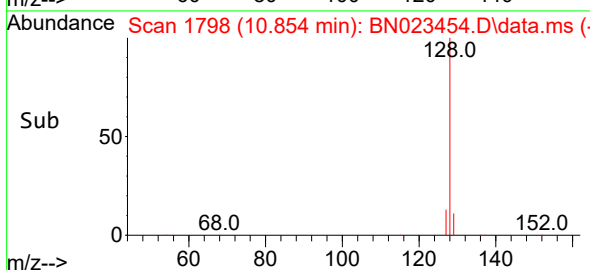
Tgt Ion: 88 Resp: 3087
Ion Ratio Lower Upper
88 100
43 39.9 28.4 42.6
58 51.9 45.6 68.4

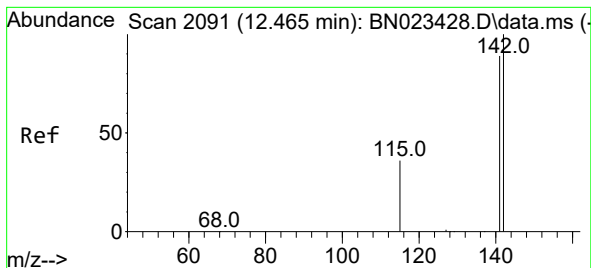


#5
Naphthalene
Concen: 0.399 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07



Tgt Ion: 128 Resp: 31257
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.7 16.1

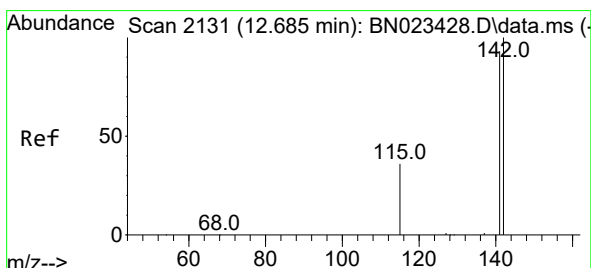
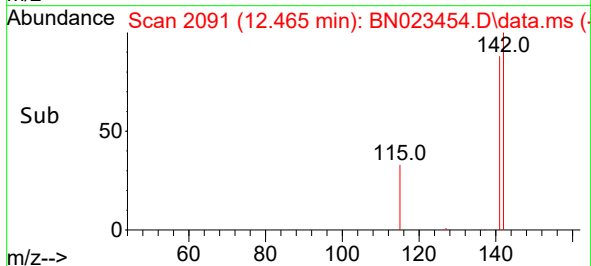
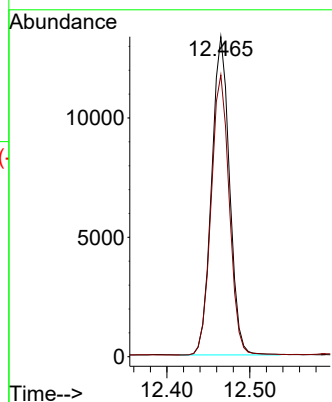
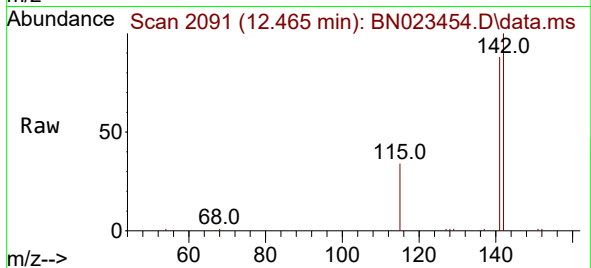




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

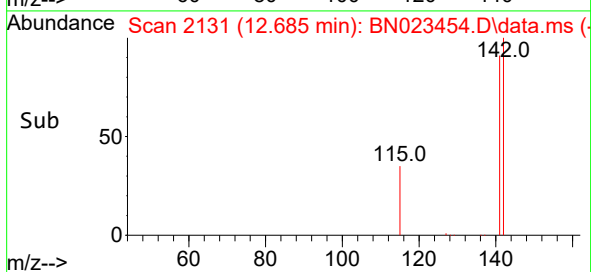
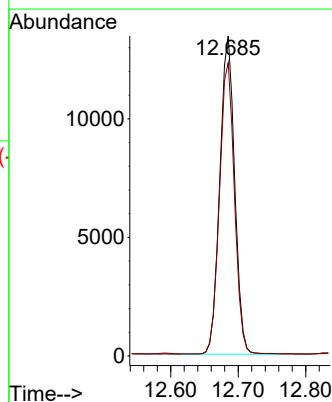
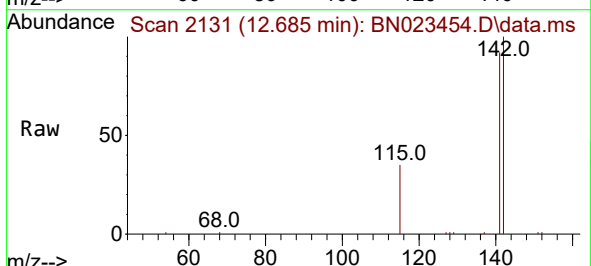
Instrument :
BNA_N
ClientSampleId :

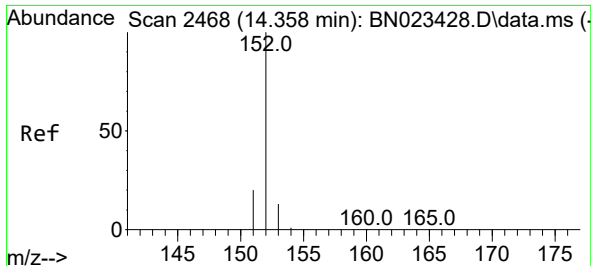
Tgt Ion:142 Resp: 20115
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

Tgt Ion:142 Resp: 20494
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0

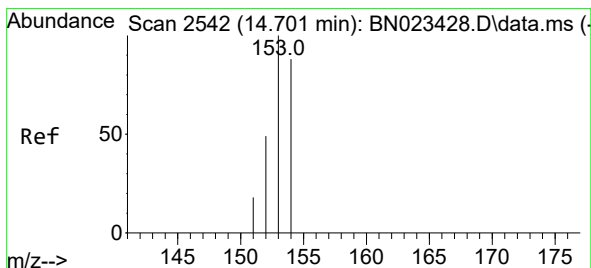
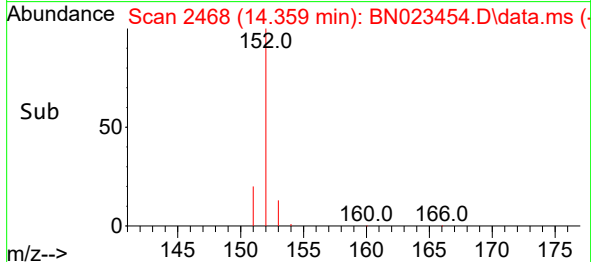
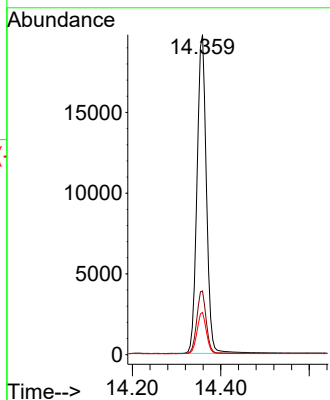
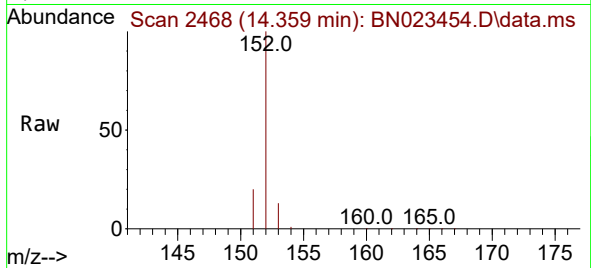




#10
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.359 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

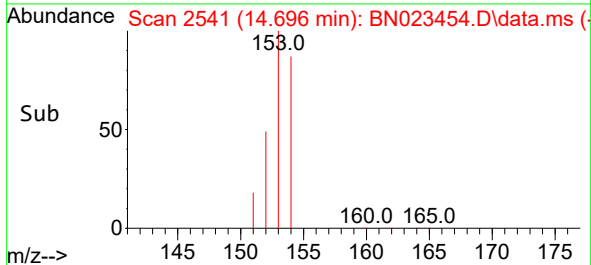
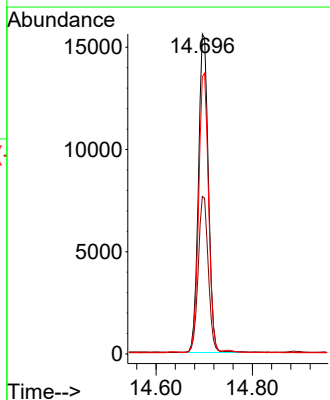
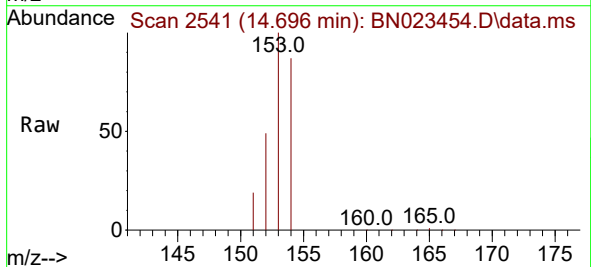
Instrument :
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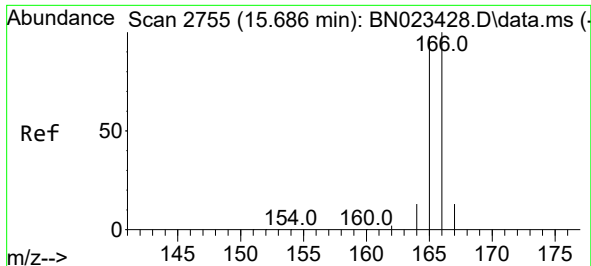
Tgt Ion:152 Resp: 29128
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.696 min Scan# 2541
Delta R.T. -0.004 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

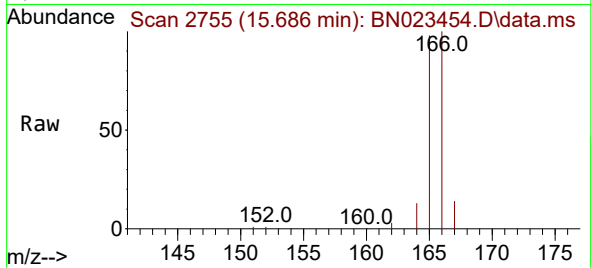
Tgt Ion:153 Resp: 22384
Ion Ratio Lower Upper
153 100
152 49.2 41.0 61.4
154 86.6 69.5 104.3



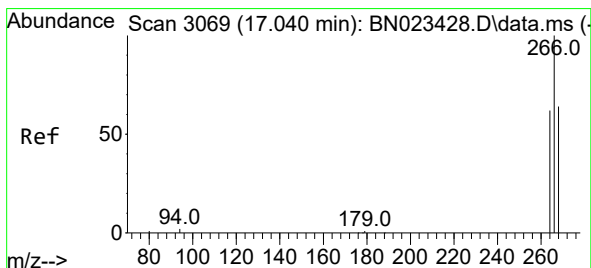
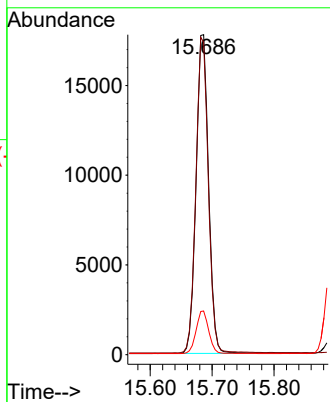
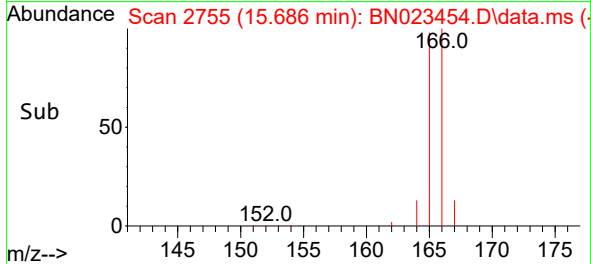


#12
 Fluorene
 Concen: 0.393 ng/ul
 RT: 15.686 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN023454.D
 Acq: 25 Dec 2022 19:07

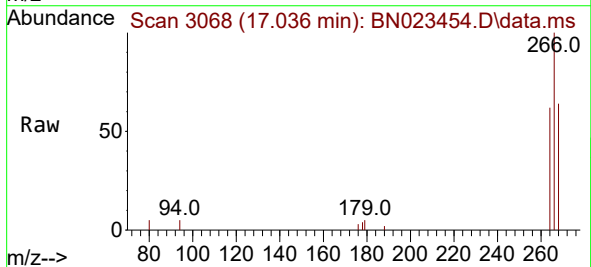
Instrument :
 BNA_N
 ClientSampleId :



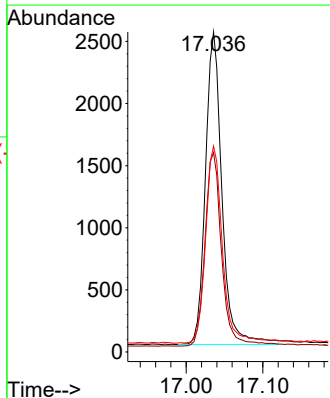
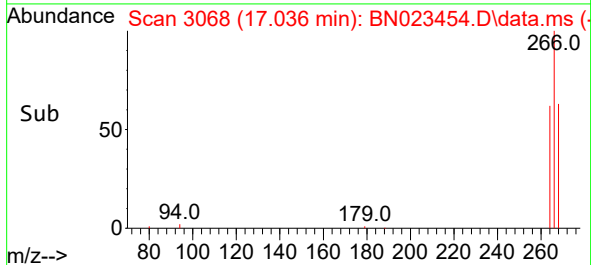
Tgt Ion:166 Resp: 24981
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.1 118.7
 167 13.7 11.0 16.4

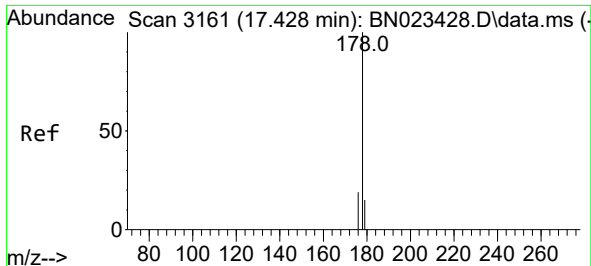


#14
 Pentachlorophenol
 Concen: 0.424 ng/ul
 RT: 17.036 min Scan# 3068
 Delta R.T. -0.004 min
 Lab File: BN023454.D
 Acq: 25 Dec 2022 19:07



Tgt Ion:266 Resp: 3772
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.8 74.6
 268 64.4 51.4 77.0

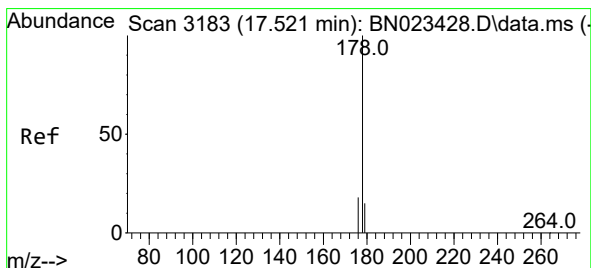
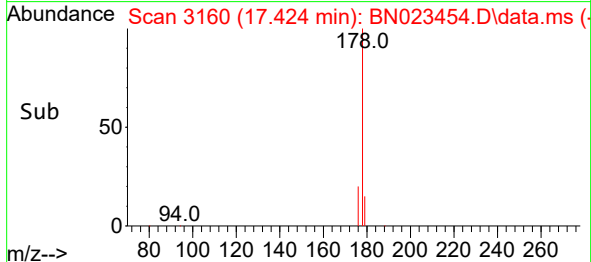
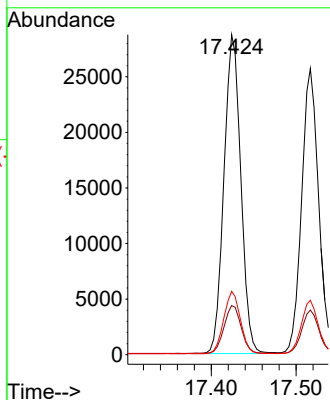
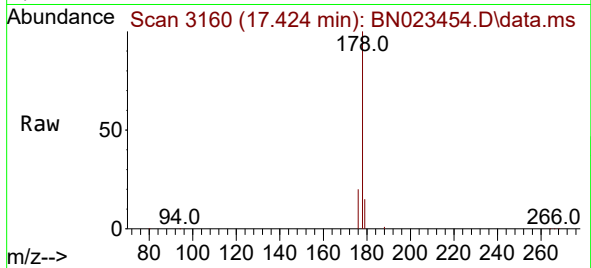




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.424 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

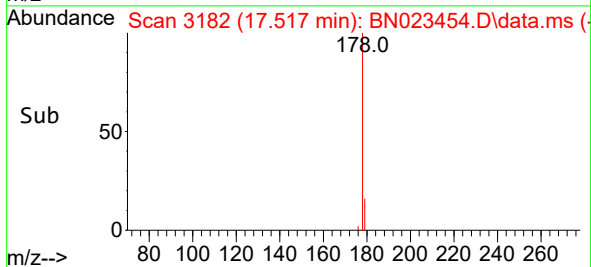
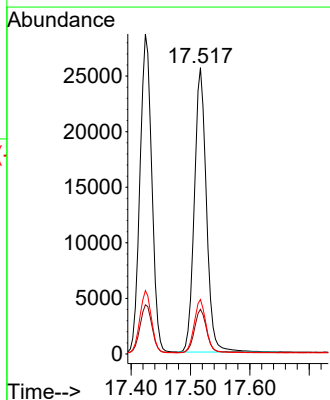
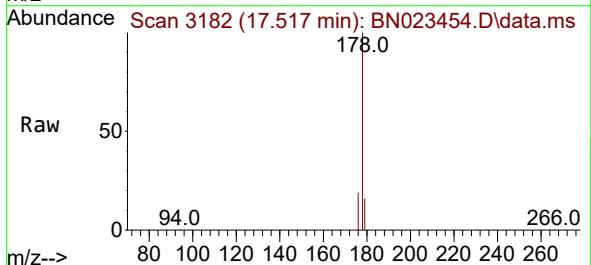
Instrument :
BNA_N
ClientSampleId :

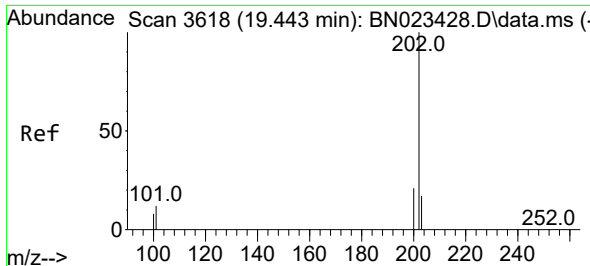
Tgt Ion:178 Resp: 39627
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.8 15.7 23.5



#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.517 min Scan# 3182
Delta R.T. -0.004 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

Tgt Ion:178 Resp: 36048
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.0 15.4 23.0

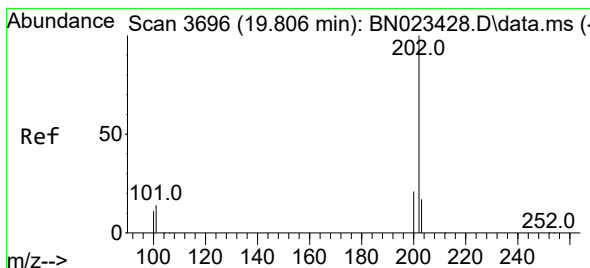
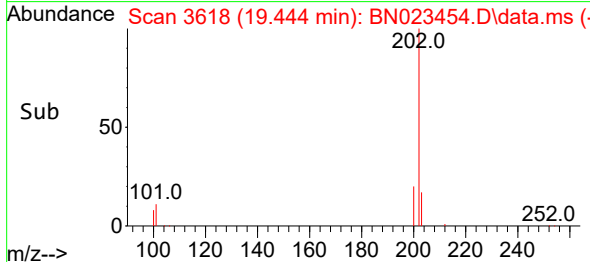
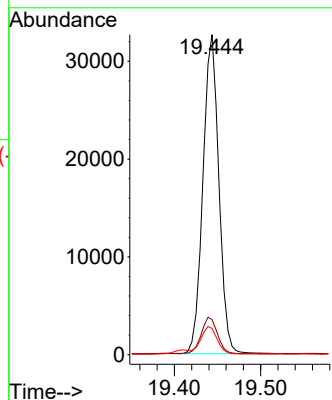
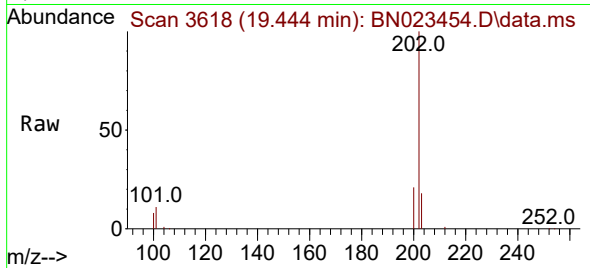




#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.444 min Scan# 3618
Delta R.T. 0.000 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

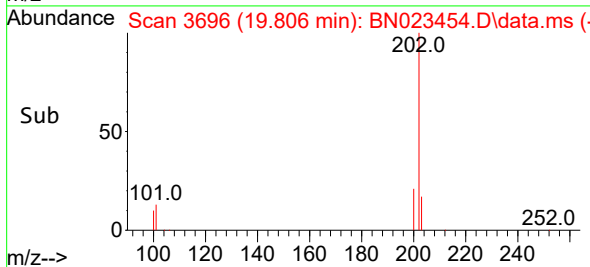
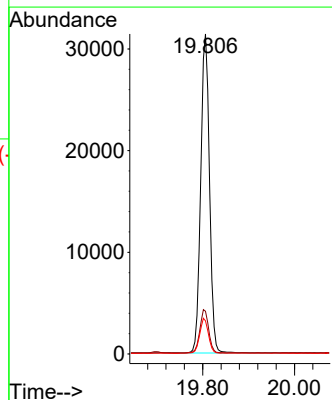
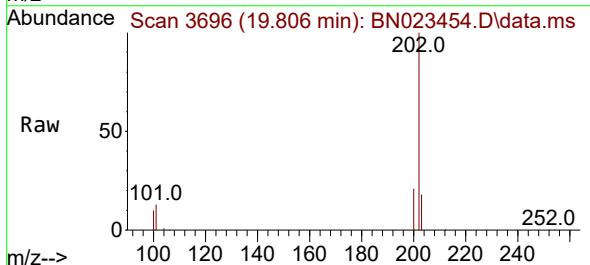
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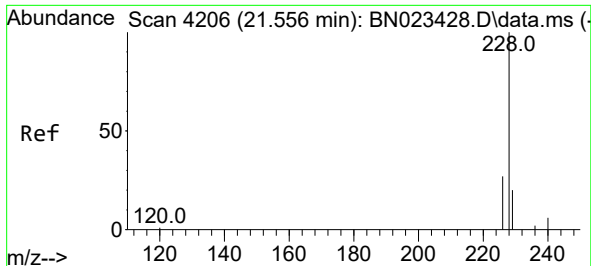
Tgt Ion:202 Resp: 41777
Ion Ratio Lower Upper
202 100
101 11.0 9.4 14.2
100 8.2 7.0 10.6



#20
Pyrene
Concen: 0.456 ng/ul
RT: 19.806 min Scan# 3696
Delta R.T. 0.000 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

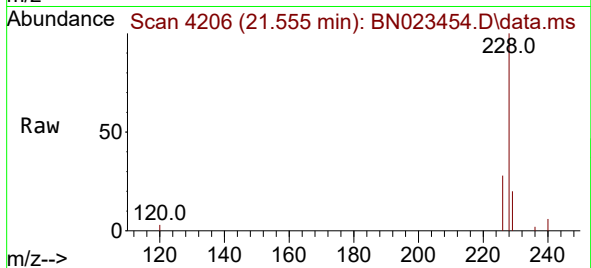
Tgt Ion:202 Resp: 41600
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.3 9.0 13.4



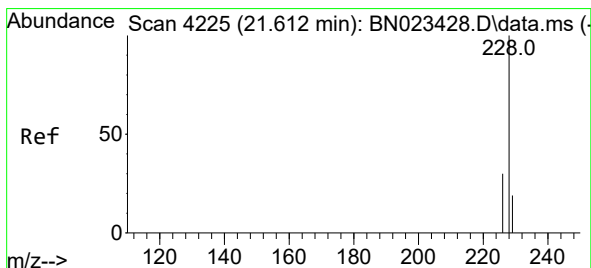
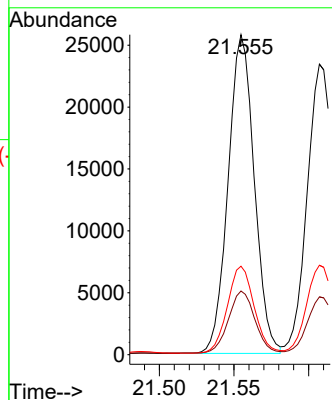
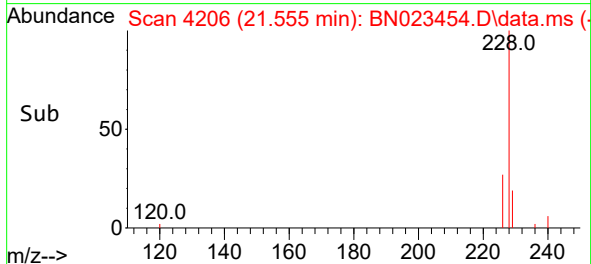


#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.555 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

Instrument :
BNA_N
ClientSampleId :

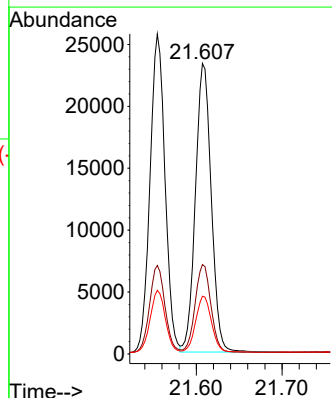
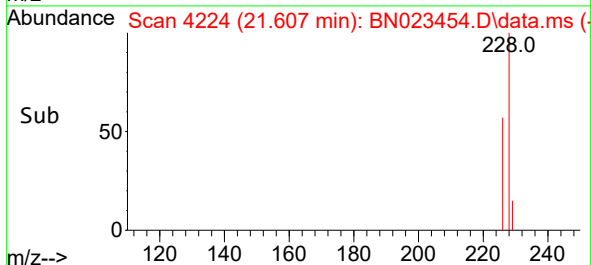
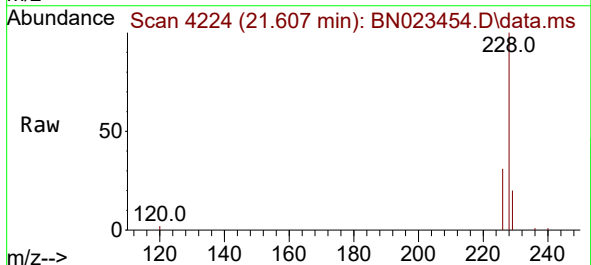


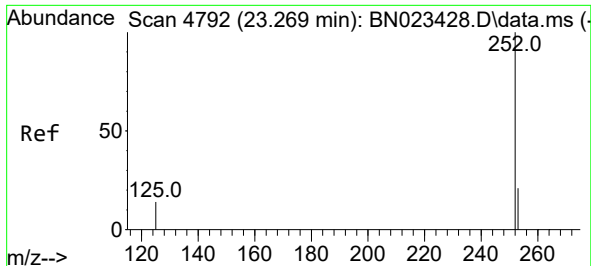
Tgt Ion:228 Resp: 31337
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.607 min Scan# 4224
Delta R.T. -0.004 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

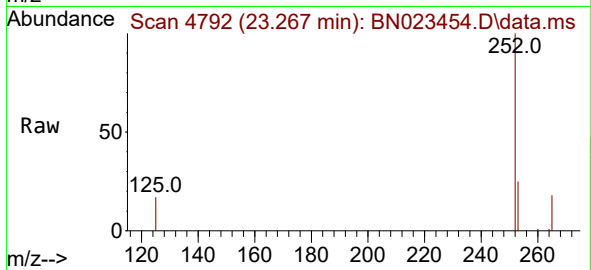
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Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.9 15.8 23.6



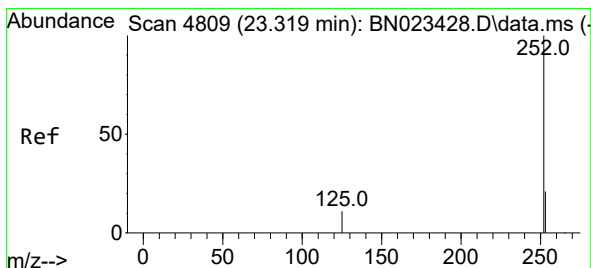
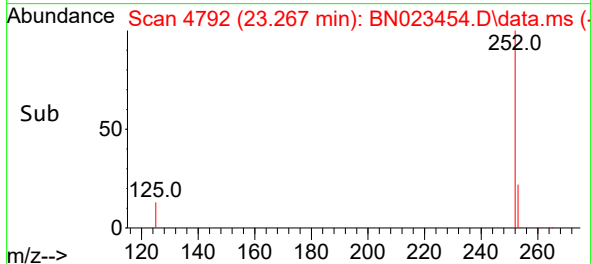
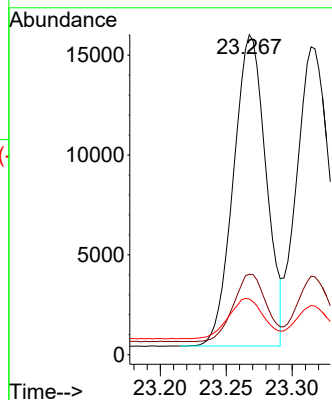


#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 23.267 min Scan# 4792
Delta R.T. -0.002 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

Instrument :
BNA_N
ClientSampleId :

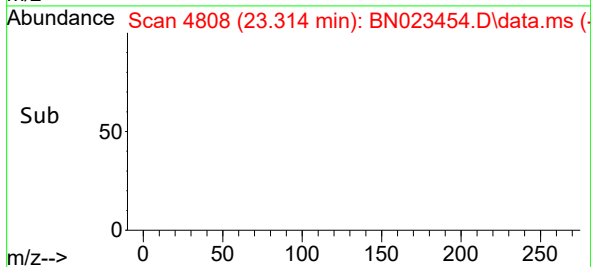
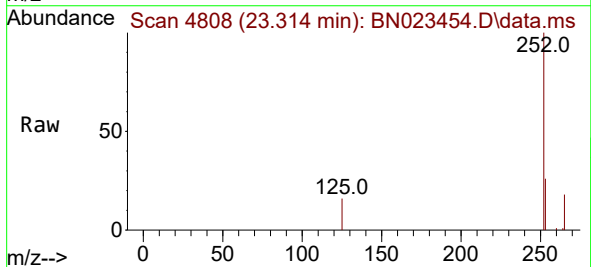
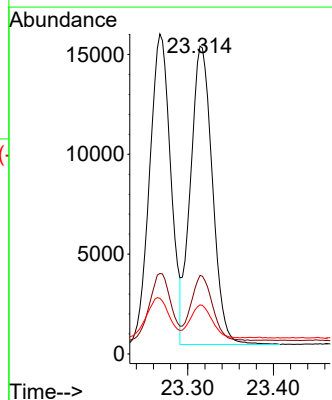


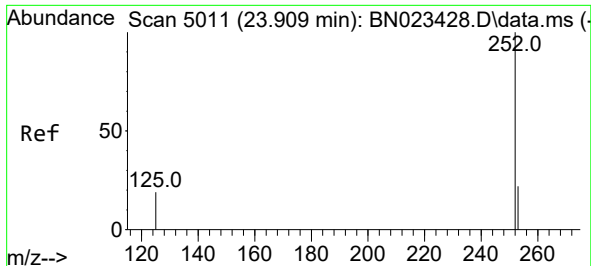
Tgt Ion:252 Resp: 26797
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.2
125 17.4 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.314 min Scan# 4808
Delta R.T. -0.004 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

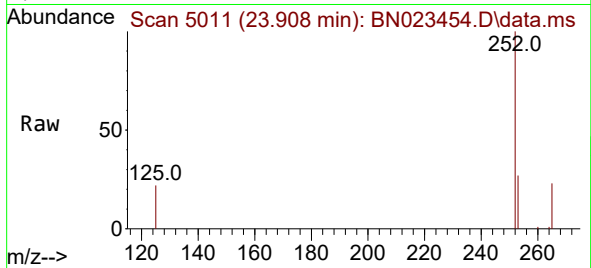
Tgt Ion:252 Resp: 26434
Ion Ratio Lower Upper
252 100
253 25.5 19.8 29.6
125 16.0 12.6 18.8



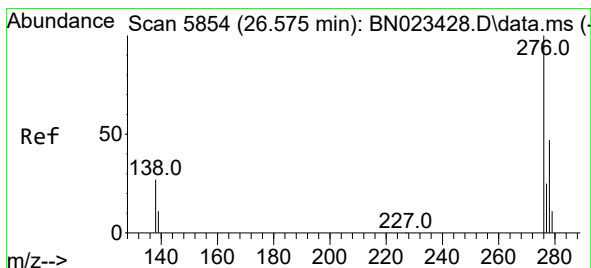
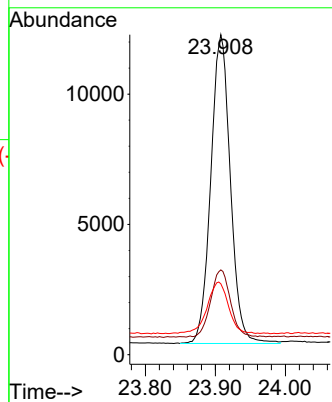
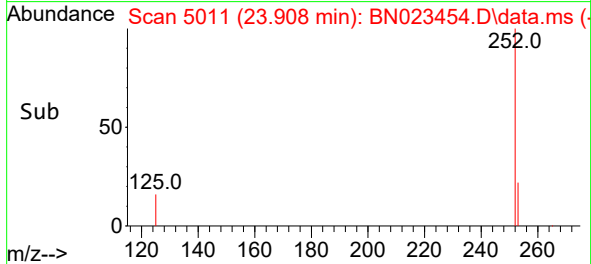


#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.908 min Scan# 5011
Delta R.T. -0.002 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

Instrument :
BNA_N
ClientSampleId :

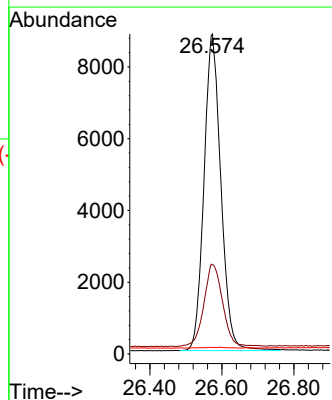
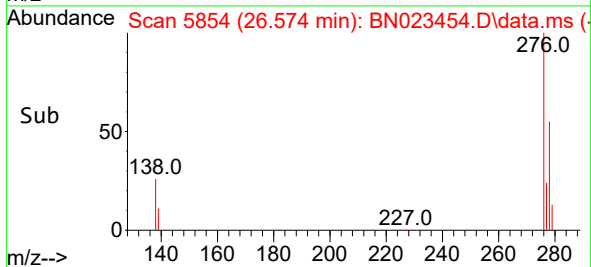
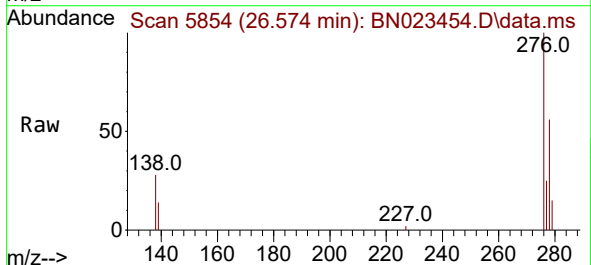


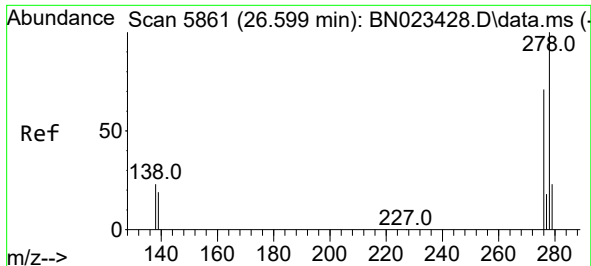
Tgt Ion:252 Resp: 23040
Ion Ratio Lower Upper
252 100
253 26.5 21.4 32.2
125 22.1 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.574 min Scan# 5854
Delta R.T. -0.002 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

Tgt Ion:276 Resp: 28712
Ion Ratio Lower Upper
276 100
138 28.6 23.4 35.2
227 0.1 0.0 0.0#

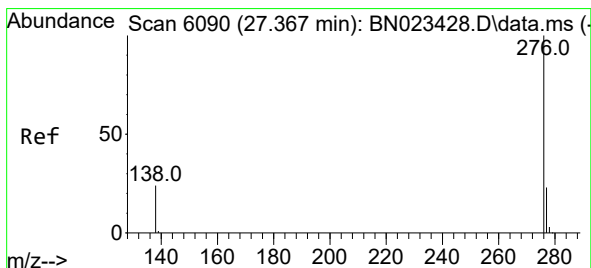
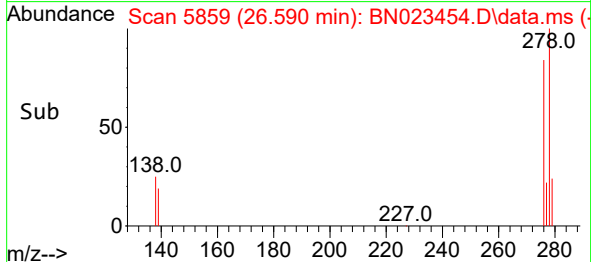
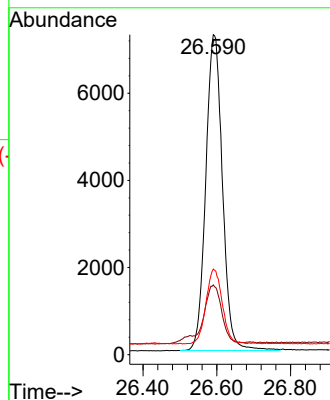
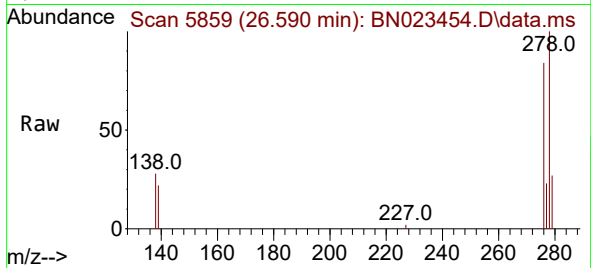




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 26.590 min Scan# 5861
Delta R.T. -0.008 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 22754
Ion Ratio Lower Upper
278 100
139 21.8 16.6 24.8
279 26.8 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.362 min Scan# 6089
Delta R.T. -0.005 min
Lab File: BN023454.D
Acq: 25 Dec 2022 19:07

Tgt Ion:276 Resp: 23727
Ion Ratio Lower Upper
276 100
138 26.8 20.3 30.5
277 24.9 19.7 29.5

