

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024774.D
 Acq On : 06 Apr 2023 10:40
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4259

Quant Time: Apr 06 22:21:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 22:19:46 2023
 Response via : Initial Calibration

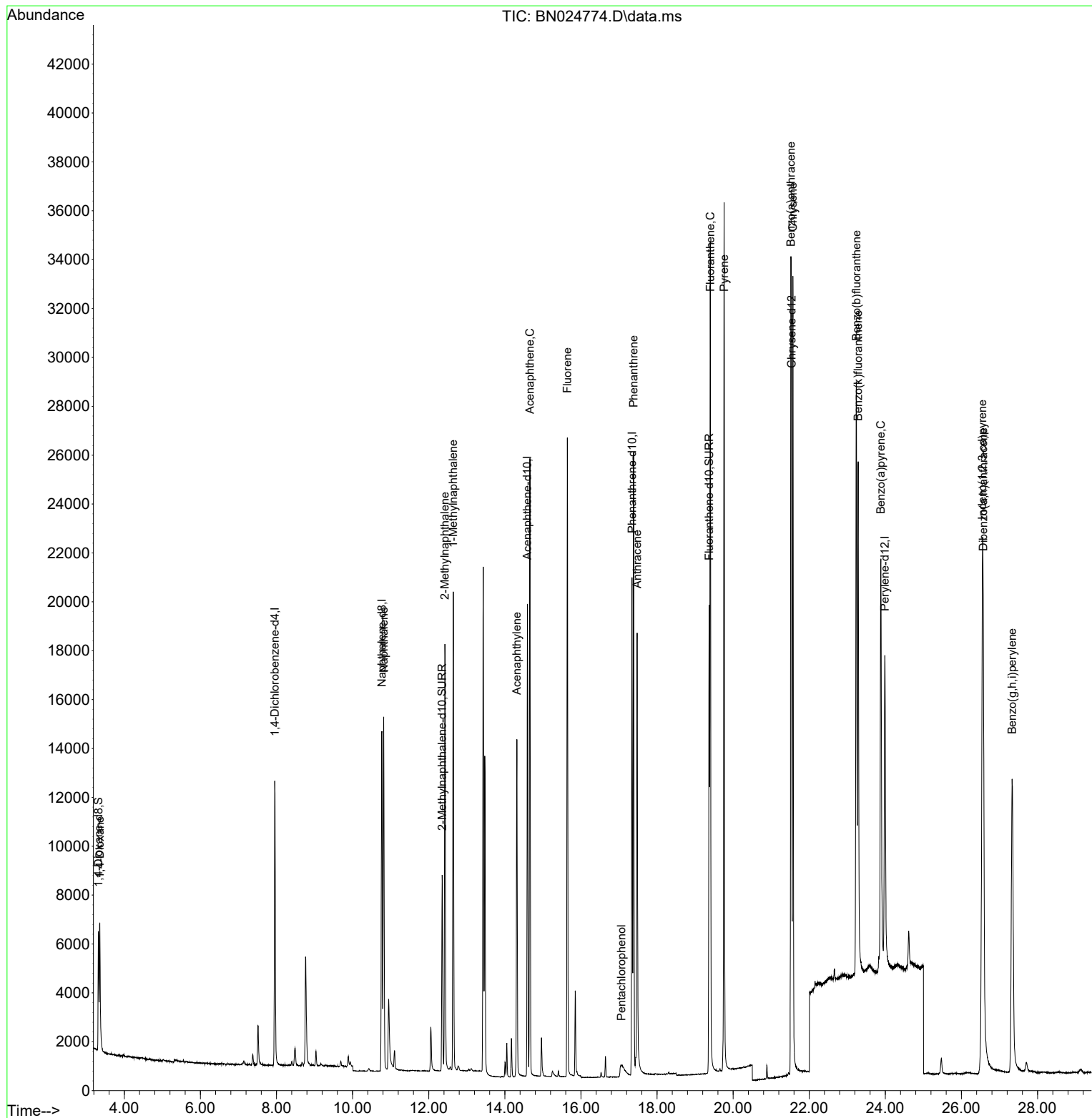
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	6459	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	18803	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	10449	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	23011	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	19701	0.400	ng/ul	0.00
23) Perylene-d12	23.986	264	18556	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	3052	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	10365	0.447	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	21209	0.440	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.356	88	3388	0.486	ng/ul	97
5) Naphthalene	10.818	128	20531	0.445	ng/ul	100
7) 2-Methylnaphthalene	12.424	142	12708	0.442	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	13380	0.445	ng/ul	100
10) Acenaphthylene	14.315	152	16131	0.437	ng/ul	100
11) Acenaphthene	14.658	153	14383	0.449	ng/ul	99
12) Fluorene	15.643	166	16380	0.448	ng/ul	99
14) Pentachlorophenol	17.068	266	1398	0.281	ng/ul	97
15) Phenanthrene	17.384	178	26989	0.428	ng/ul	100
16) Anthracene	17.477	178	21941	0.416	ng/ul	100
19) Fluoranthene	19.400	202	29419	0.424	ng/ul	99
20) Pyrene	19.762	202	29995	0.424	ng/ul	98
21) Benzo(a)anthracene	21.516	228	26445	0.447	ng/ul	99
22) Chrysene	21.569	228	29241	0.449	ng/ul	100
24) Benzo(b)fluoranthene	23.238	252	31450	0.408	ng/ul	99
25) Benzo(k)fluoranthene	23.282	252	30155	0.407	ng/ul	98
26) Benzo(a)pyrene	23.881	252	26477	0.437	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.550	276	33889	0.469	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.573	278	26188	0.453	ng/ul	99
29) Benzo(g,h,i)perylene	27.331	276	28489	0.459	ng/ul	100

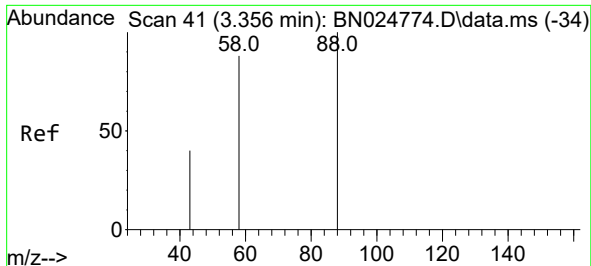
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024774.D
Acq On : 06 Apr 2023 10:40
Operator : CG/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

Quant Time: Apr 06 22:21:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:19:46 2023
Response via : Initial Calibration



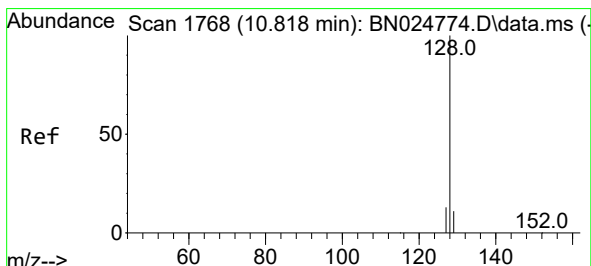
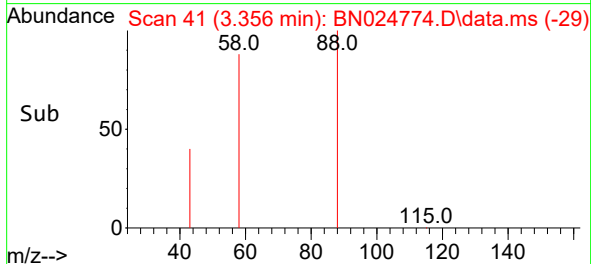
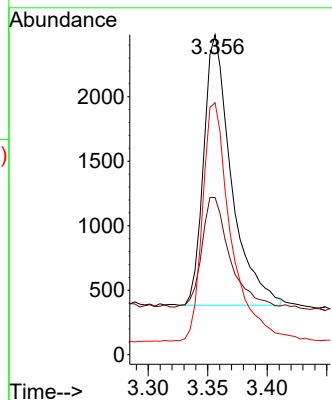
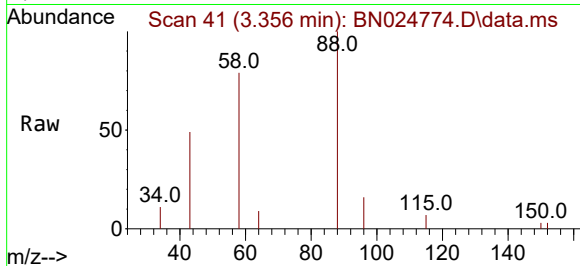


#2
 1,4-Dioxane
 Concen: 0.486 ng/ul
 RT: 3.356 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN024774.D
 Acq: 06 Apr 2023 10:40

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4259

Tgt Ion: 88 Resp: 3388

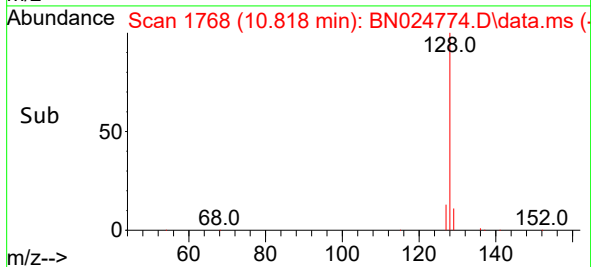
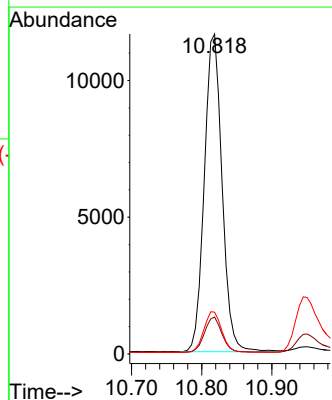
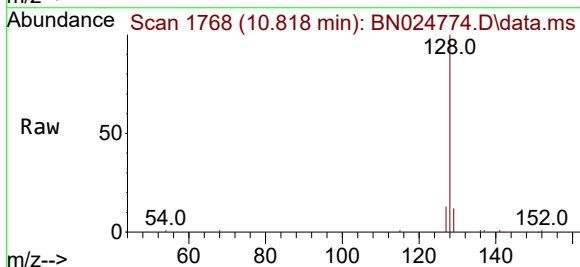
Ion	Ratio	Lower	Upper
88	100		
43	49.1	37.2	55.8
58	78.8	61.5	92.3

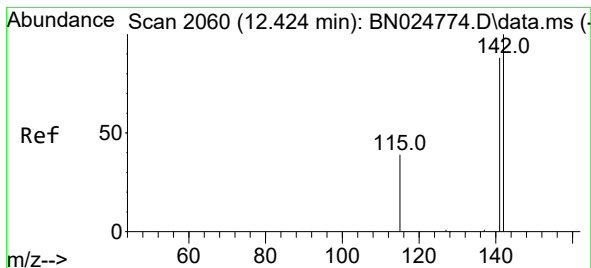


#5
 Naphthalene
 Concen: 0.445 ng/ul
 RT: 10.818 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BN024774.D
 Acq: 06 Apr 2023 10:40

Tgt Ion: 128 Resp: 20531

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.1	10.5	15.7

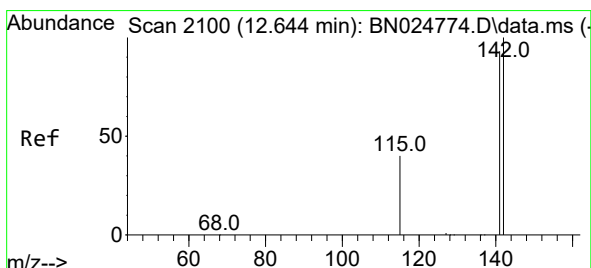
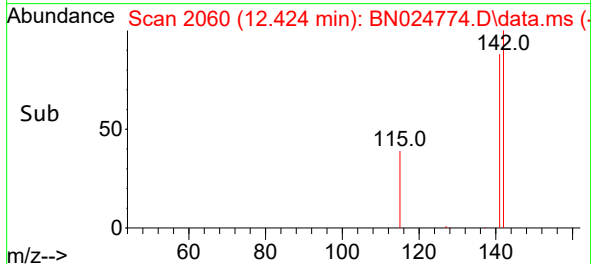
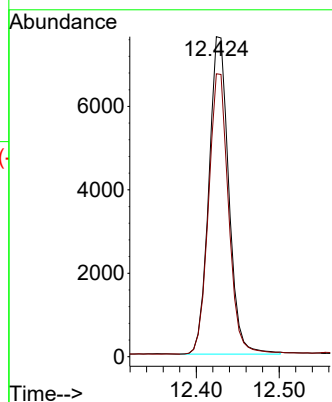
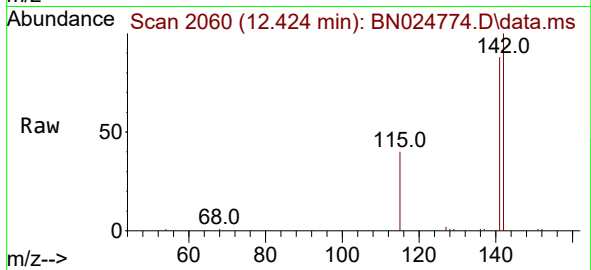




#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

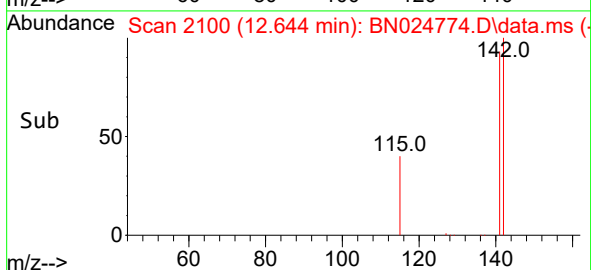
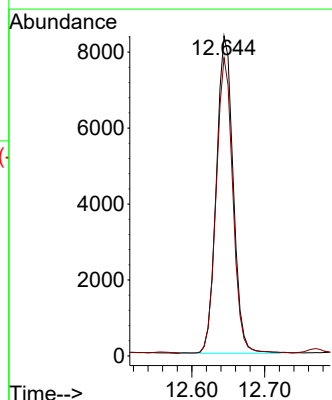
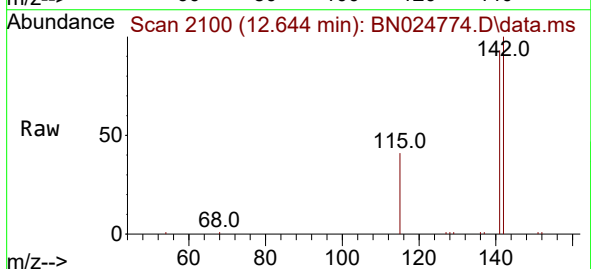
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

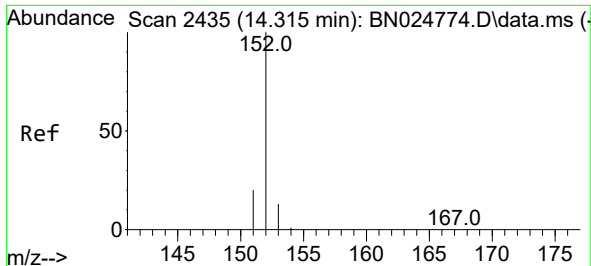
Tgt Ion:142 Resp: 12708
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.445 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Tgt Ion:142 Resp: 13380
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3

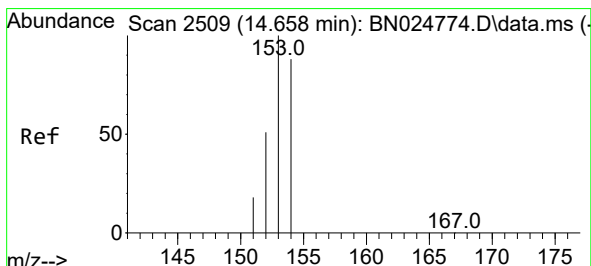
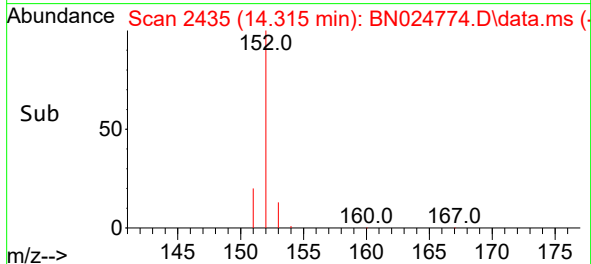
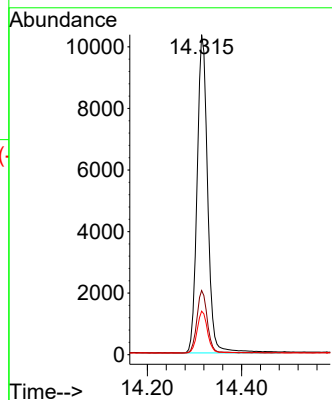
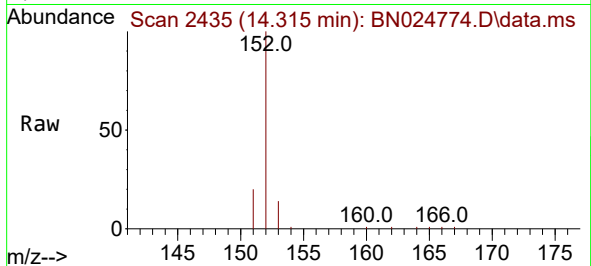




#10
Acenaphthylene
Concen: 0.437 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

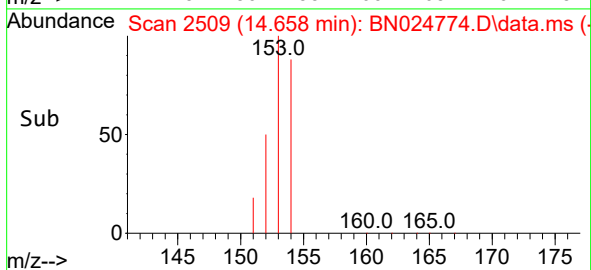
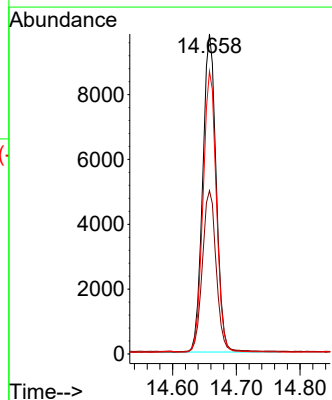
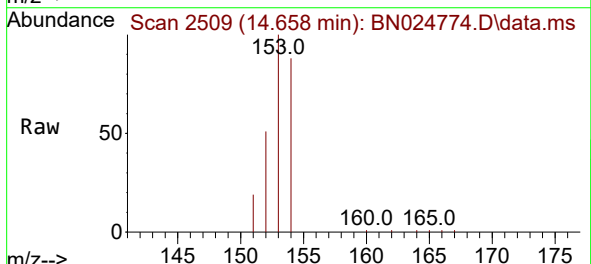
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

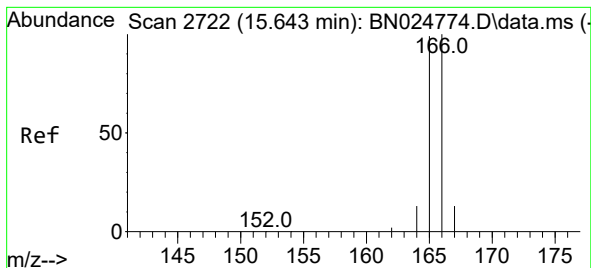
Tgt Ion:152 Resp: 16131
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.449 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Tgt Ion:153 Resp: 14383
Ion Ratio Lower Upper
153 100
152 51.0 40.3 60.5
154 88.3 71.0 106.4





#12

Fluorene

Concen: 0.448 ng/ul

RT: 15.643 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024774.D

Acq: 06 Apr 2023 10:40

Instrument :

BNA_N

ClientSampleId :

SSTD0.4259

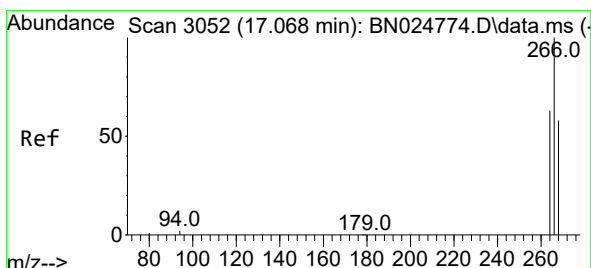
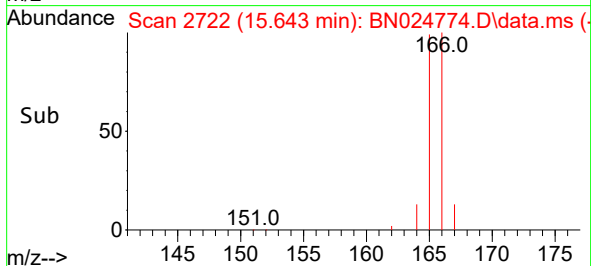
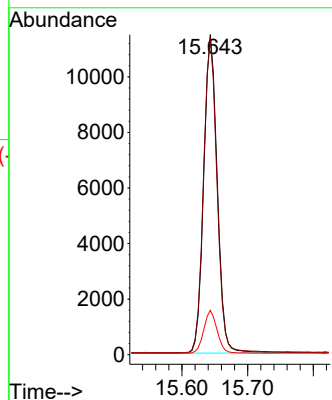
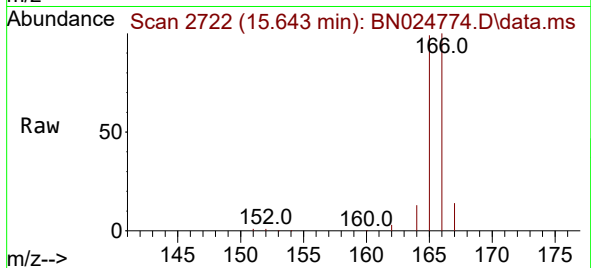
Tgt Ion:166 Resp: 16380

Ion Ratio Lower Upper

166 100

165 99.0 80.0 120.0

167 13.9 10.8 16.2



#14

Pentachlorophenol

Concen: 0.281 ng/ul

RT: 17.068 min Scan# 3052

Delta R.T. 0.000 min

Lab File: BN024774.D

Acq: 06 Apr 2023 10:40

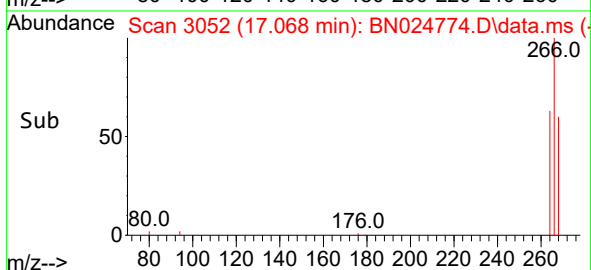
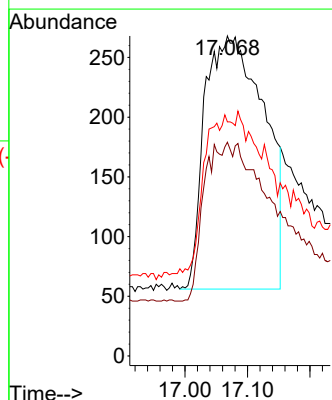
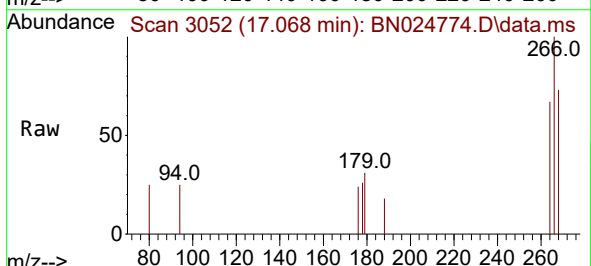
Tgt Ion:266 Resp: 1398

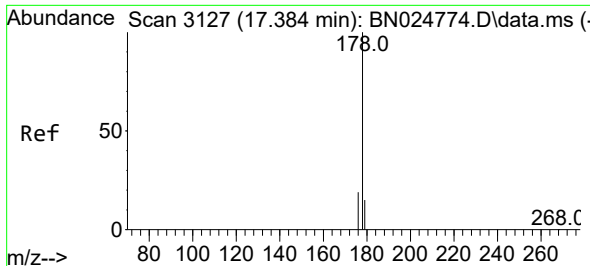
Ion Ratio Lower Upper

266 100

264 60.9 49.6 74.4

268 61.7 52.6 78.8

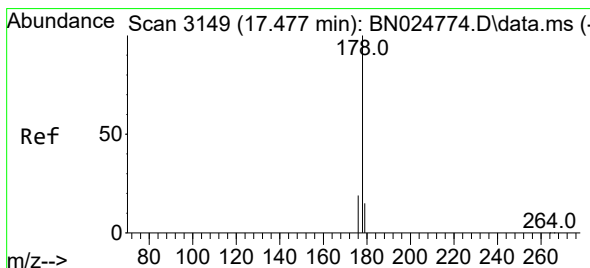
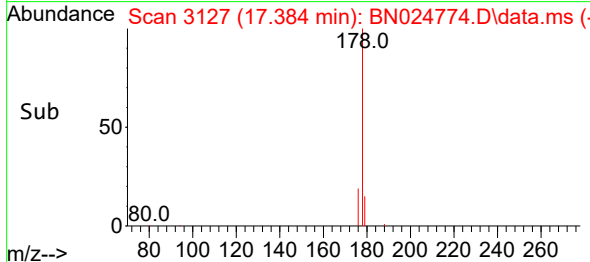
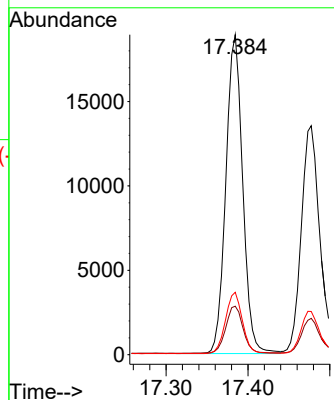
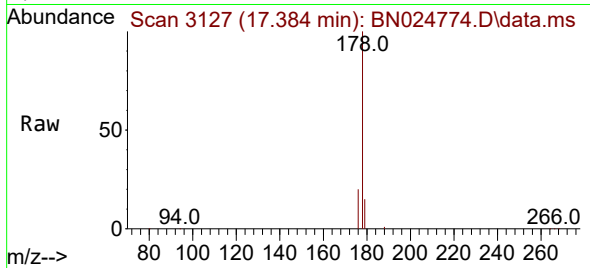




#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

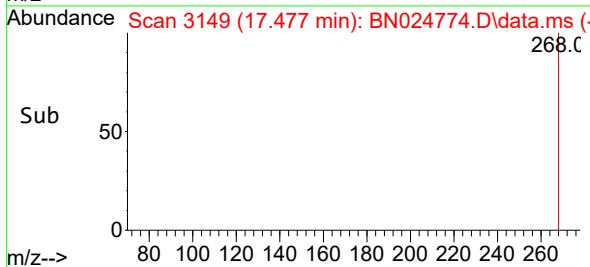
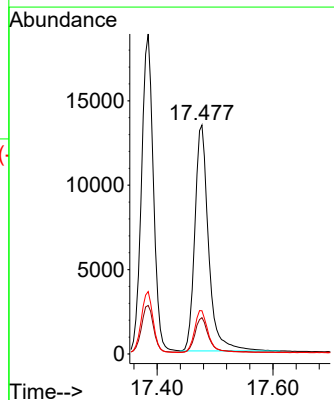
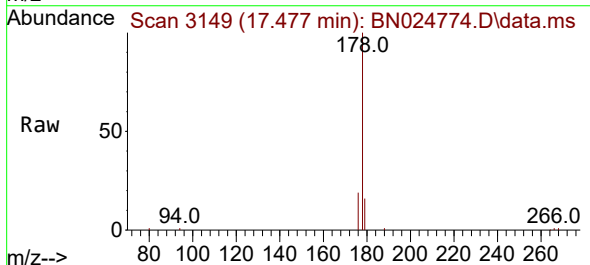
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

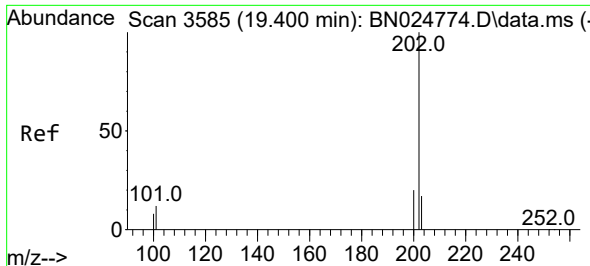
Tgt Ion:	178	Resp:	26989
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	19.5	15.5	23.3



#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Tgt Ion:	178	Resp:	21941
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.7	19.1
176	18.9	15.2	22.8

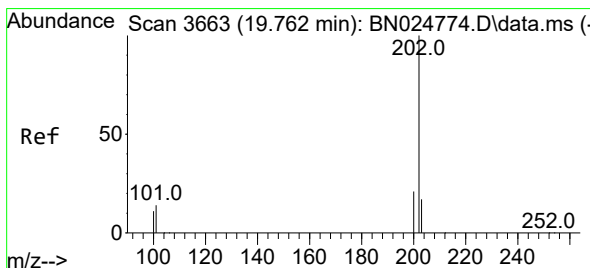
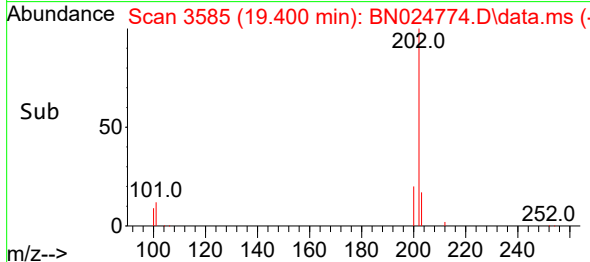
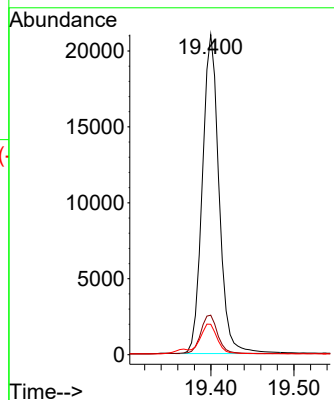
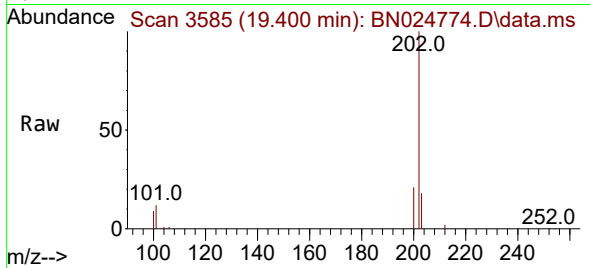




#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

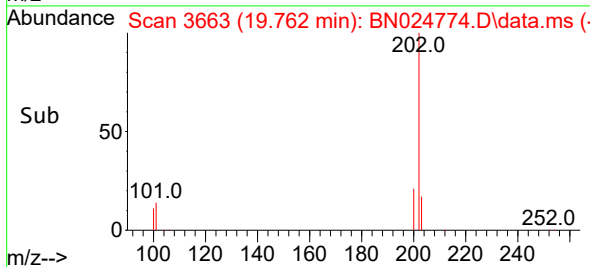
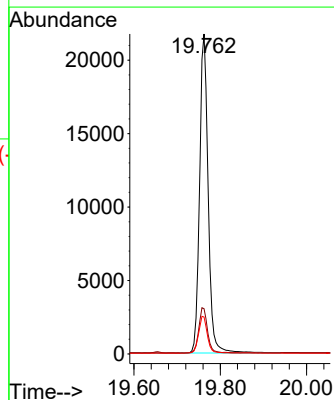
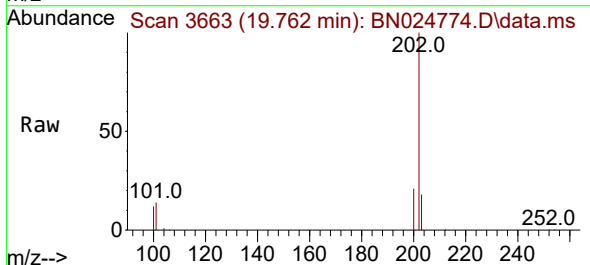
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

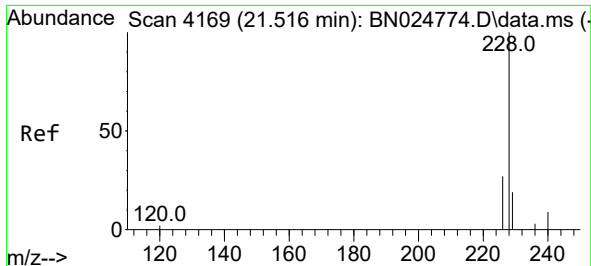
Tgt Ion:	202	Resp:	29419
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.6	14.4
100	9.5	7.0	10.6



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.762 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

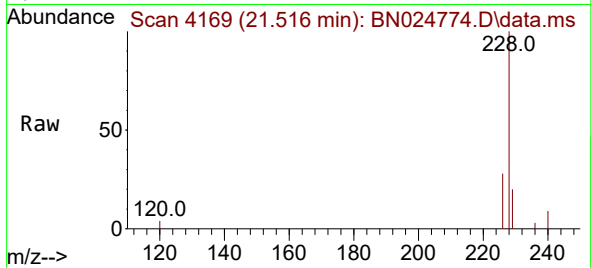
Tgt Ion:	202	Resp:	29995
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.9	16.3
100	11.6	8.7	13.1



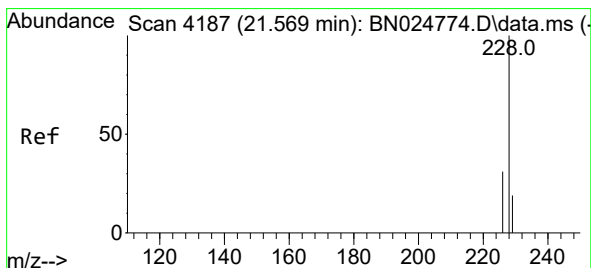
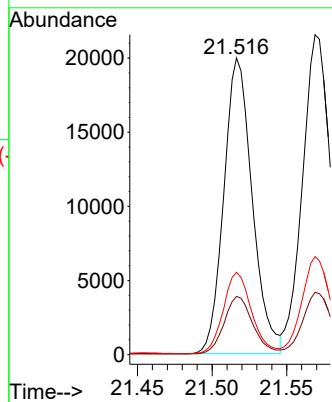
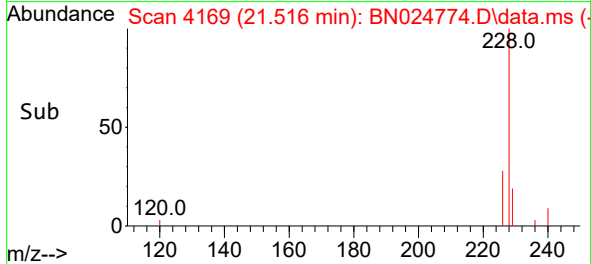


#21
Benzo(a)anthracene
Concen: 0.447 ng/ul
RT: 21.516 min Scan# 4169
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

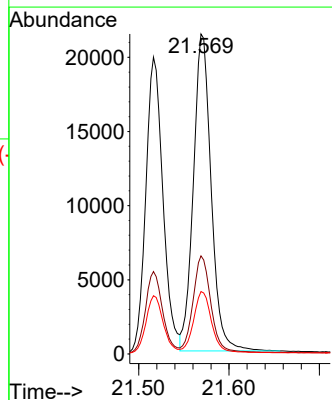
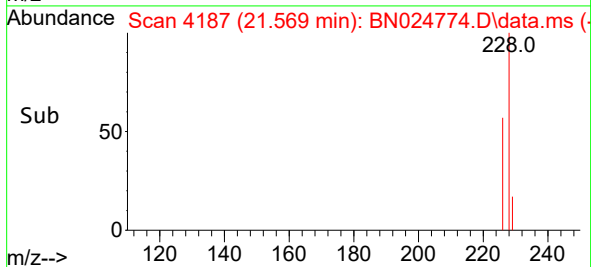
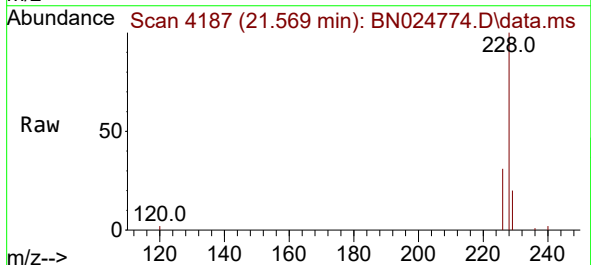


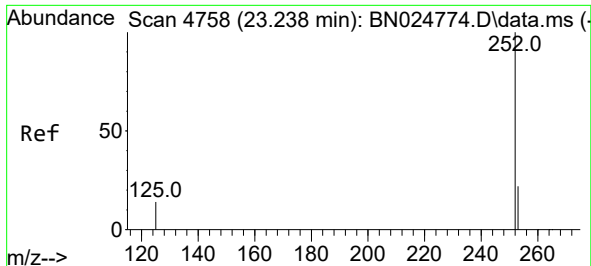
Tgt Ion:228 Resp: 26445
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.7 22.5 33.7



#22
Chrysene
Concen: 0.449 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Tgt Ion:228 Resp: 29241
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.5 15.6 23.4

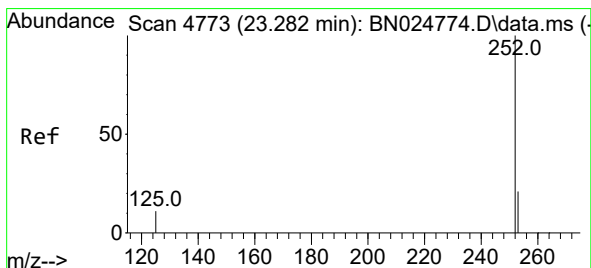
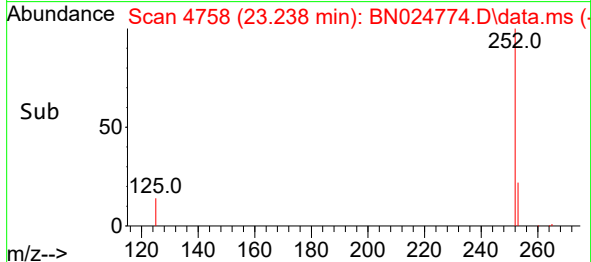
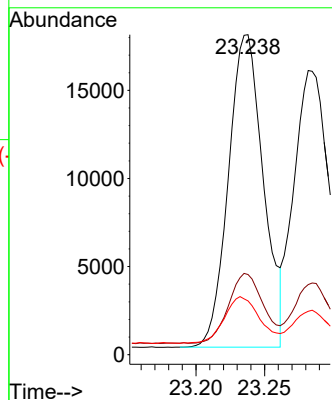
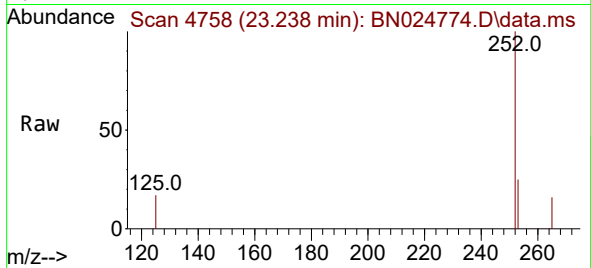




#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 23.238 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

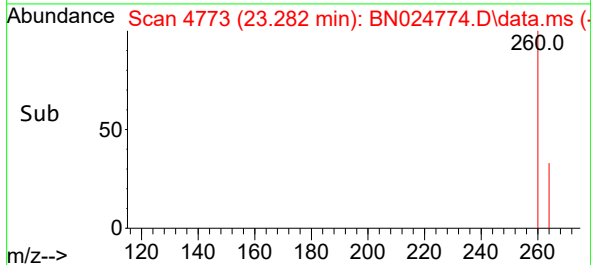
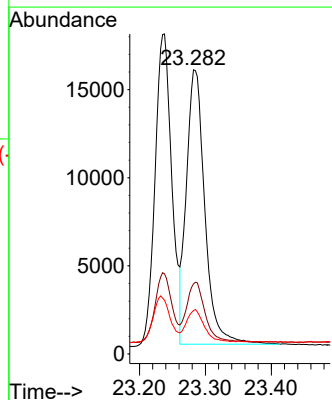
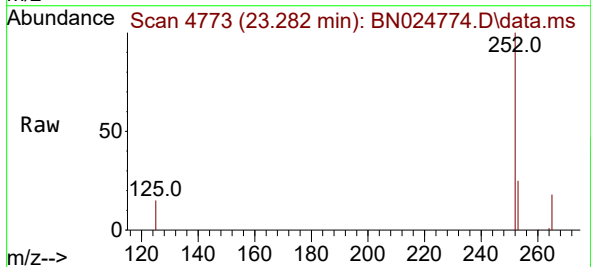
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

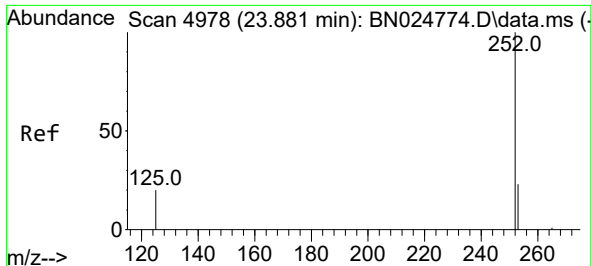
Tgt Ion:252 Resp: 31450
Ion Ratio Lower Upper
252 100
253 25.0 0.0 49.6
125 16.8 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.282 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

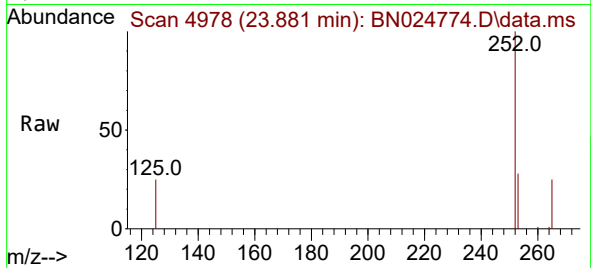
Tgt Ion:252 Resp: 30155
Ion Ratio Lower Upper
252 100
253 24.7 20.2 30.2
125 15.2 13.1 19.7



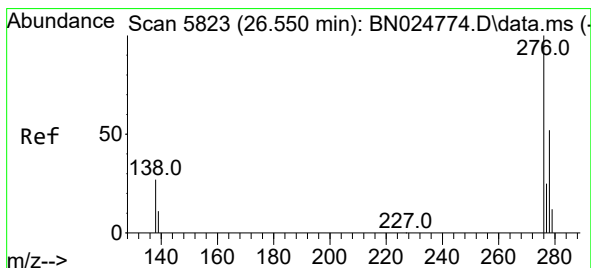
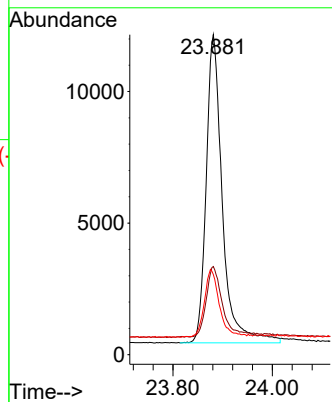
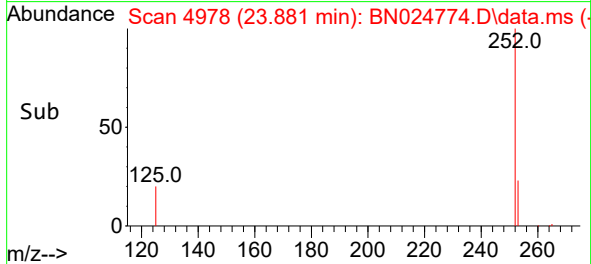


#26
Benzo(a)pyrene
Concen: 0.437 ng/ul
RT: 23.881 min Scan# 4978
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

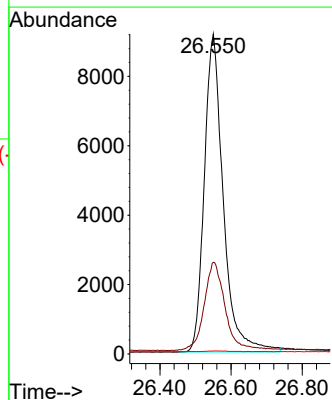
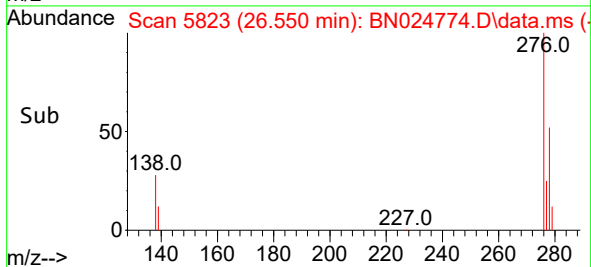
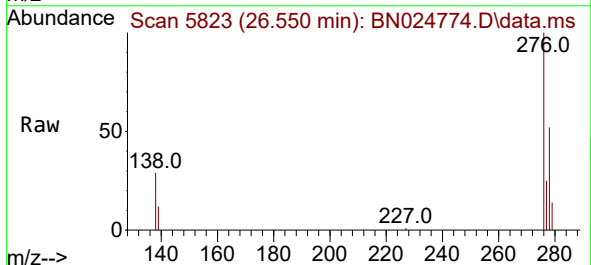


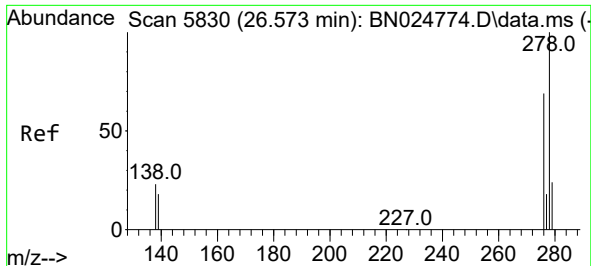
Tgt Ion:252 Resp: 26477
Ion Ratio Lower Upper
252 100
253 27.6 21.8 32.8
125 25.0 15.4 23.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.469 ng/ul
RT: 26.550 min Scan# 5823
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Tgt Ion:276 Resp: 33889
Ion Ratio Lower Upper
276 100
138 31.1 24.6 36.8
227 0.3 0.1 0.1#

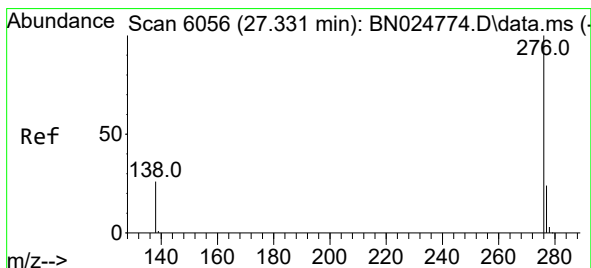
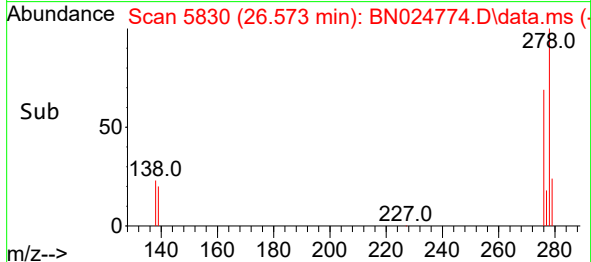
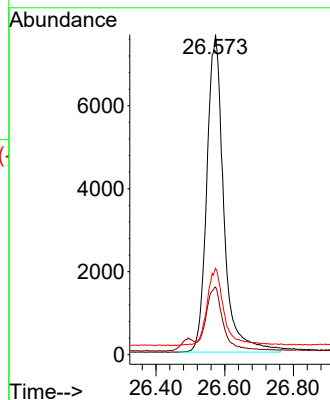
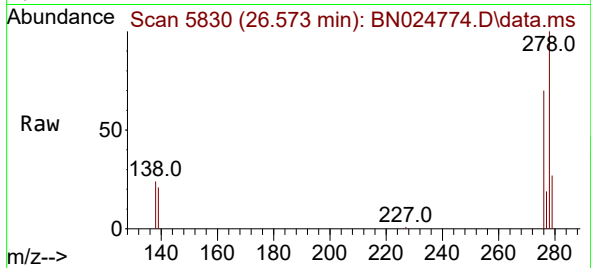




#28
Dibenzo(a,h)anthracene
Concen: 0.453 ng/ul
RT: 26.573 min Scan# 5830
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

Tgt Ion: 278 Resp: 26188
Ion Ratio Lower Upper
278 100
139 21.1 16.5 24.7
279 27.0 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 27.331 min Scan# 6056
Delta R.T. 0.000 min
Lab File: BN024774.D
Acq: 06 Apr 2023 10:40

Tgt Ion: 276 Resp: 28489
Ion Ratio Lower Upper
276 100
138 27.1 21.4 32.2
277 24.6 19.8 29.6

