

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024808.D
 Acq On : 07 Apr 2023 12:40
 Operator : CG/JU
 Sample : PB151914BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 07 22:39:17 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 22:57:45 2023
 Response via : Initial Calibration

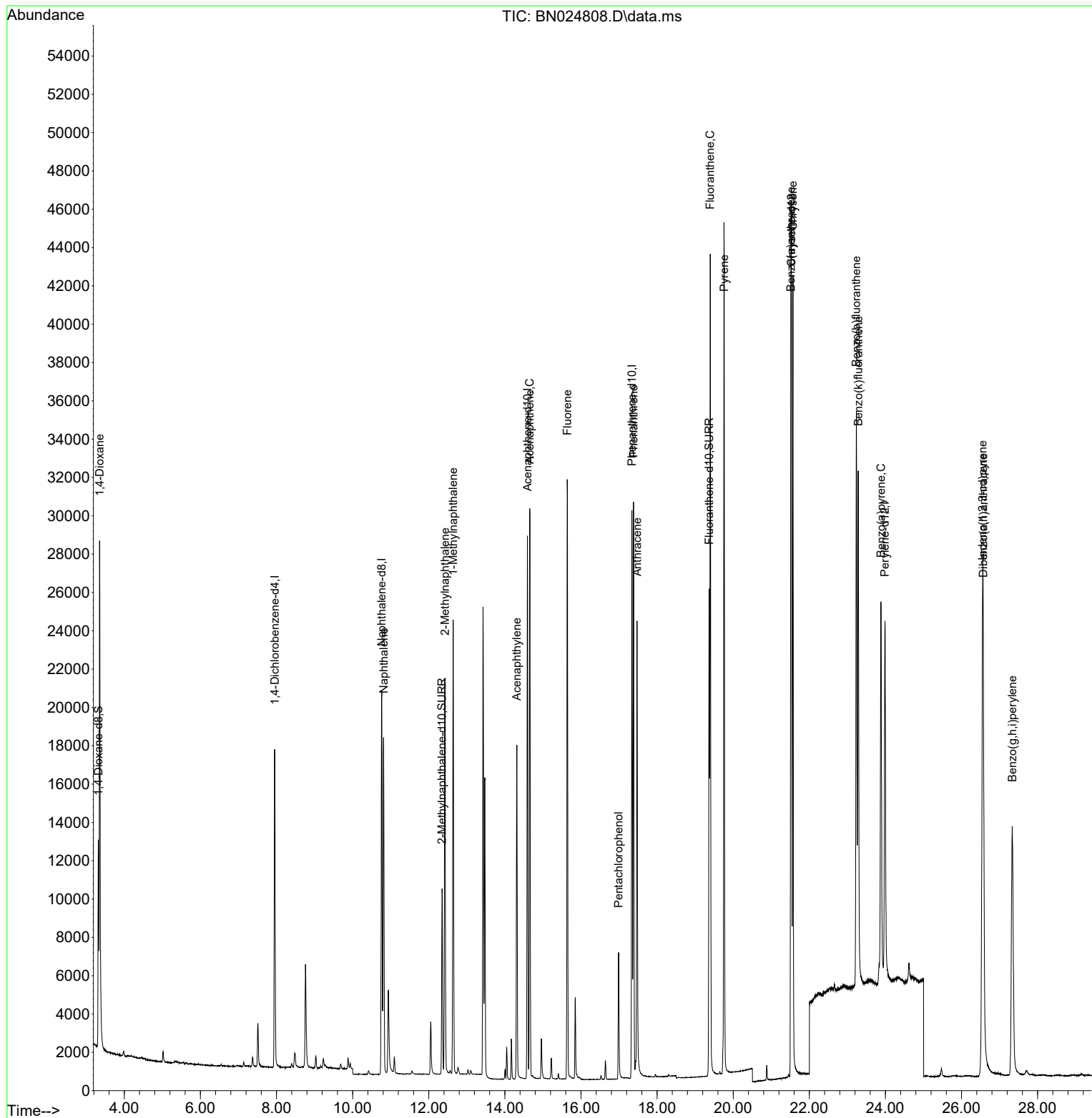
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8903	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	26534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	14972	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	32737	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	28360	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	26569	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6443	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	12499	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	26925	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	17046	1.773	ng/ul	93
5) Naphthalene	10.814	128	24321	0.373	ng/ul	99
7) 2-Methylnaphthalene	12.426	142	15271	0.376	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	16134	0.380	ng/ul	100
10) Acenaphthylene	14.316	152	20375	0.385	ng/ul	99
11) Acenaphthene	14.654	153	17323	0.377	ng/ul	99
12) Fluorene	15.639	166	19452	0.371	ng/ul	99
14) Pentachlorophenol	16.988	266	4509	0.637	ng/ul	98
15) Phenanthrene	17.381	178	32564	0.363	ng/ul	100
16) Anthracene	17.474	178	27274	0.364	ng/ul	99
19) Fluoranthene	19.396	202	36651	0.367	ng/ul	97
20) Pyrene	19.759	202	37379	0.367	ng/ul	96
21) Benzo(a)anthracene	21.517	228	33929	0.398	ng/ul	99
22) Chrysene	21.570	228	37214	0.397	ng/ul	99
24) Benzo(b)fluoranthene	23.236	252	38389	0.348	ng/ul	100
25) Benzo(k)fluoranthene	23.286	252	37132	0.350	ng/ul	99
26) Benzo(a)pyrene	23.882	252	31818	0.367	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.551	276	36292	0.351	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.571	278	28493	0.344	ng/ul	99
29) Benzo(g,h,i)perylene	27.332	276	30036	0.338	ng/ul	100

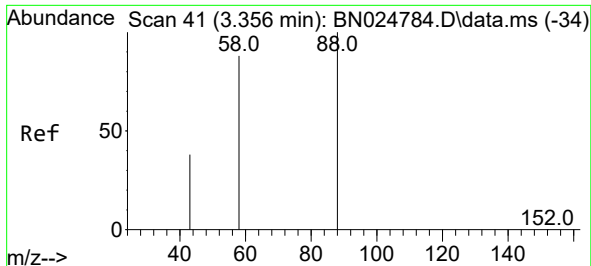
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024808.D
Acq On : 07 Apr 2023 12:40
Operator : CG/JU
Sample : PB151914BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

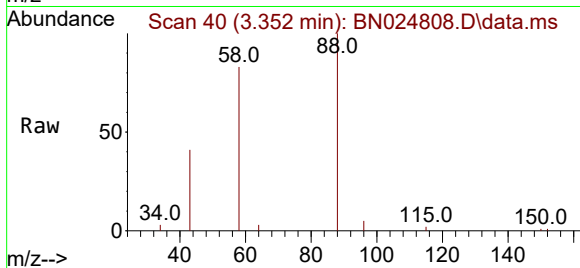
Quant Time: Apr 07 22:39:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration



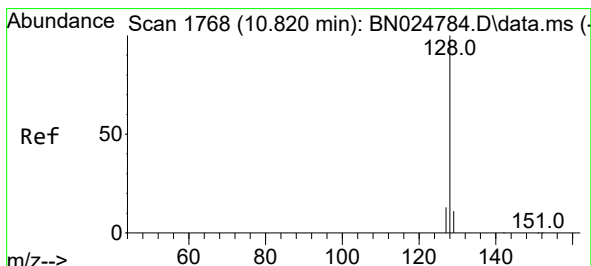
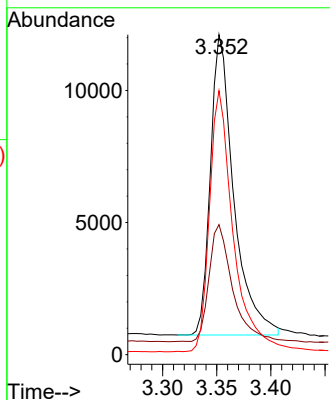
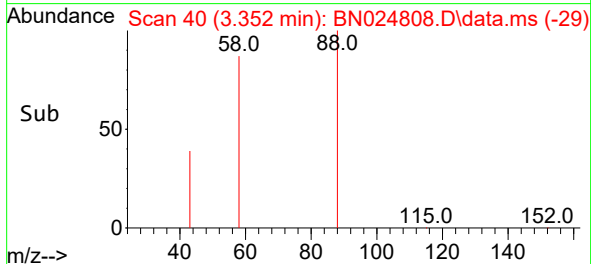


#2
 1,4-Dioxane
 Concen: 1.773 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN024808.D
 Acq: 07 Apr 2023 12:40

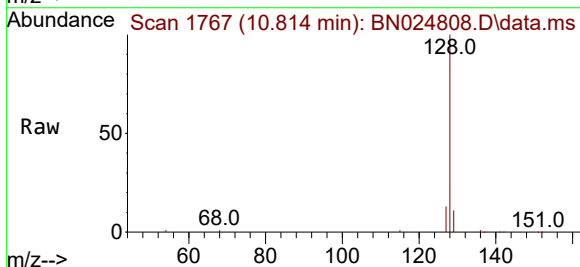
Instrument :
 BNA_N
 ClientSampleId :



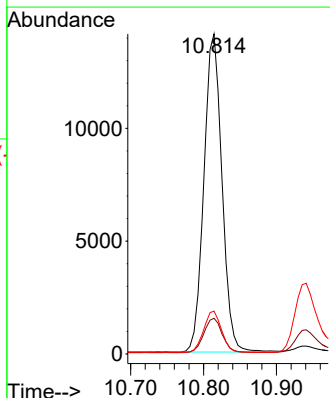
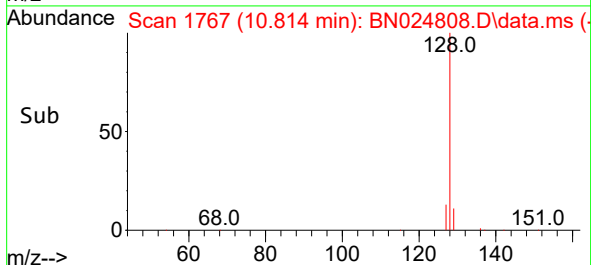
Tgt Ion: 88 Resp: 17046
 Ion Ratio Lower Upper
 88 100
 43 40.7 37.2 55.8
 58 82.5 61.5 92.3

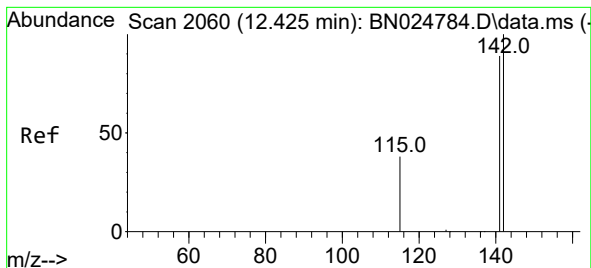


#5
 Naphthalene
 Concen: 0.373 ng/ul
 RT: 10.814 min Scan# 1767
 Delta R.T. -0.005 min
 Lab File: BN024808.D
 Acq: 07 Apr 2023 12:40



Tgt Ion: 128 Resp: 24321
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.4 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.376 ng/ul

RT: 12.426 min Scan# 2060

Delta R.T. 0.000 min

Lab File: BN024808.D

Acq: 07 Apr 2023 12:40

Instrument :

BNA_N

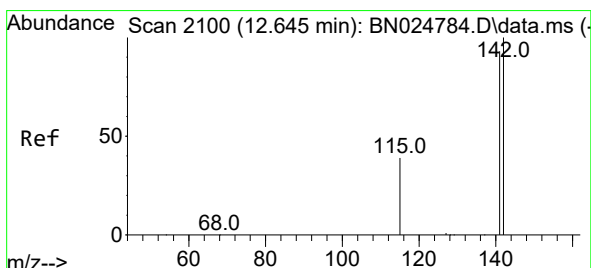
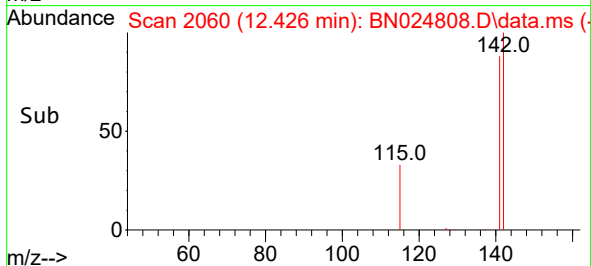
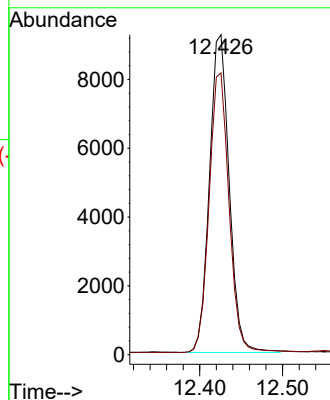
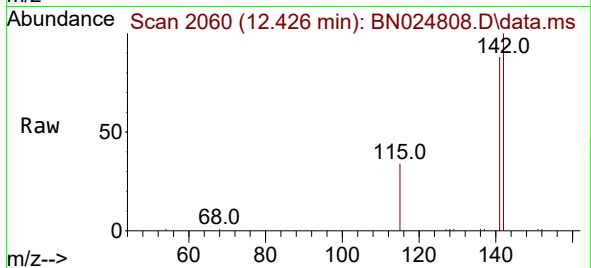
ClientSampleId :

Tgt Ion:142 Resp: 15271

Ion Ratio Lower Upper

142 100

141 88.6 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.380 ng/ul

RT: 12.640 min Scan# 2099

Delta R.T. -0.005 min

Lab File: BN024808.D

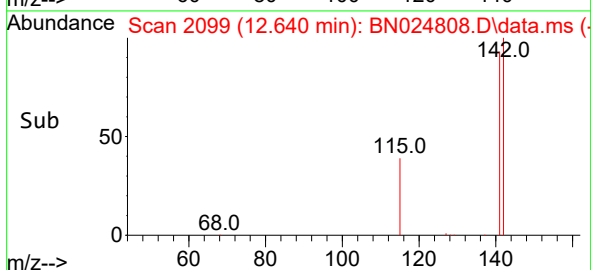
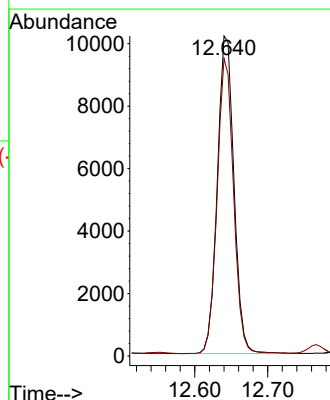
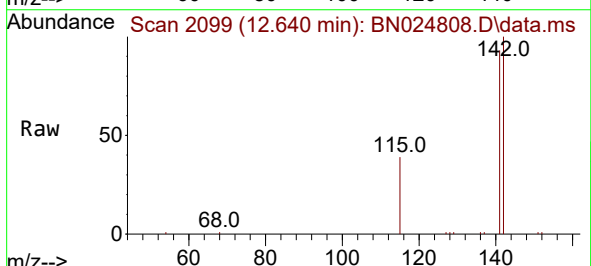
Acq: 07 Apr 2023 12:40

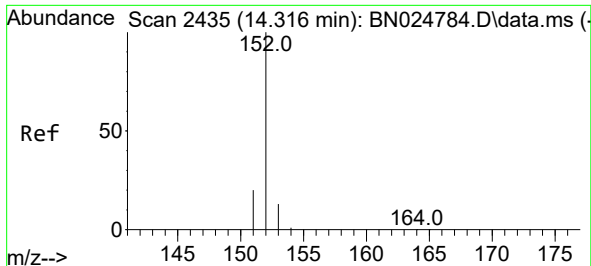
Tgt Ion:142 Resp: 16134

Ion Ratio Lower Upper

142 100

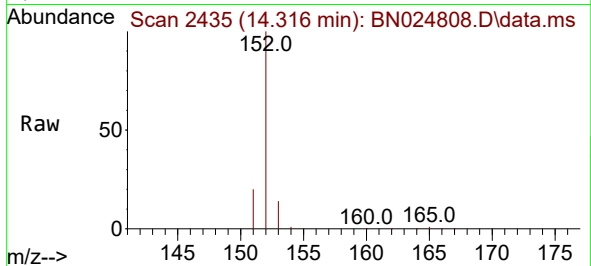
141 91.9 73.5 110.3



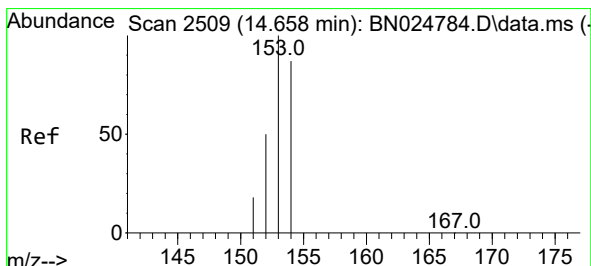
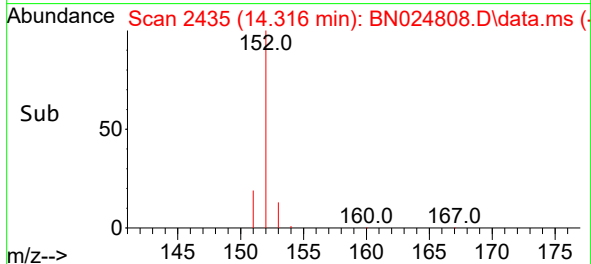
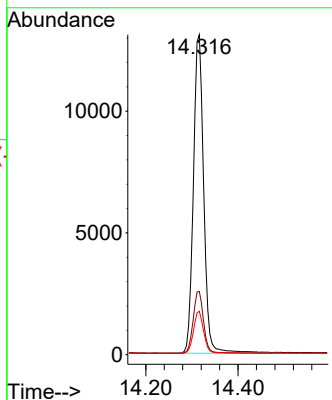


#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Instrument :
BNA_N
ClientSampleId :

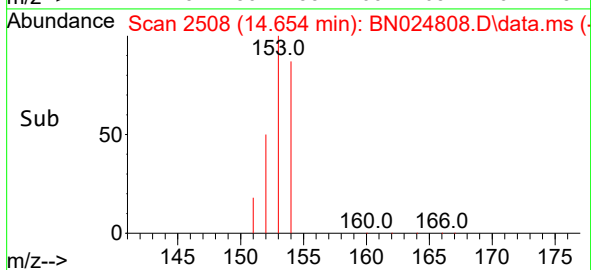
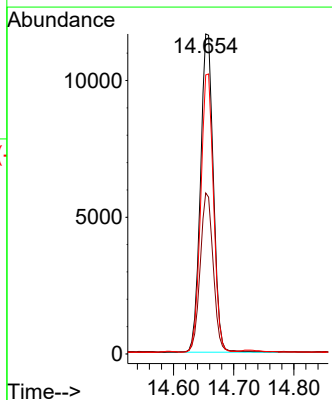
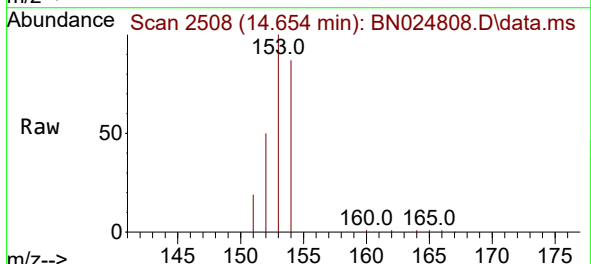


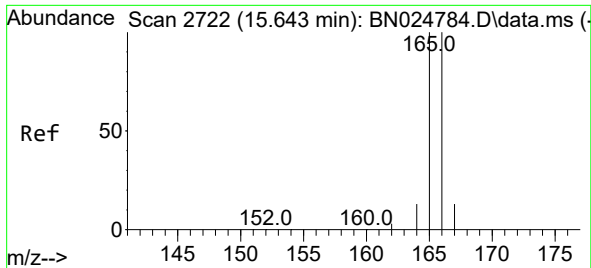
Tgt Ion:152 Resp: 20375
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.654 min Scan# 2508
Delta R.T. -0.004 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Tgt Ion:153 Resp: 17323
Ion Ratio Lower Upper
153 100
152 50.3 40.3 60.5
154 87.2 71.0 106.4

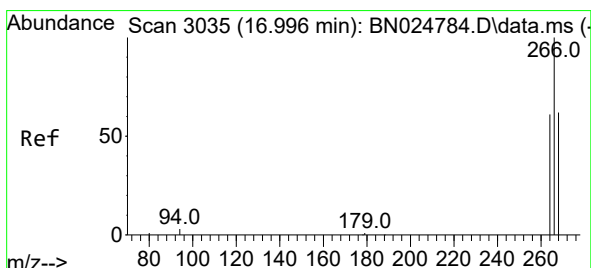
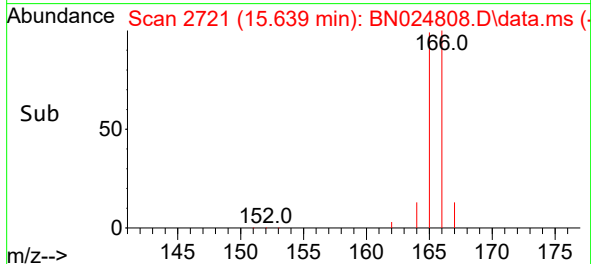
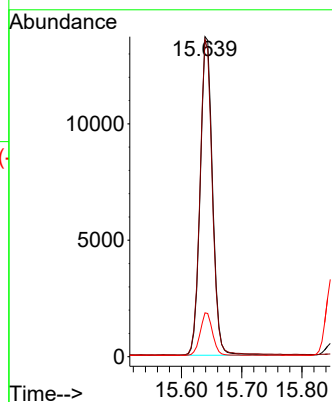
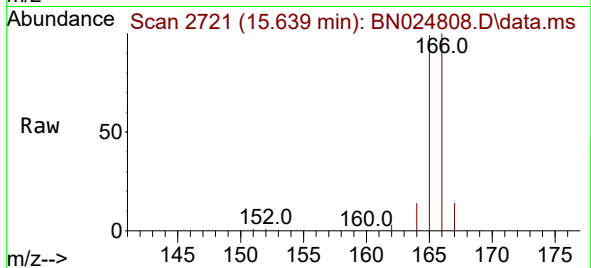




#12
 Fluorene
 Concen: 0.371 ng/ul
 RT: 15.639 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN024808.D
 Acq: 07 Apr 2023 12:40

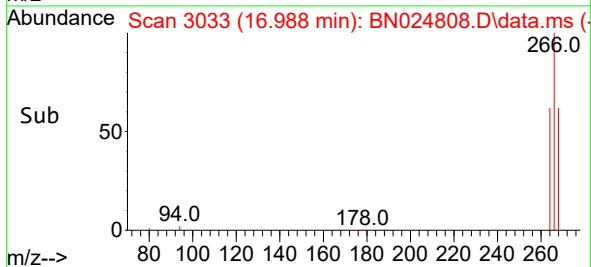
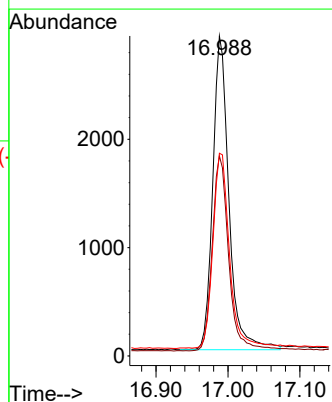
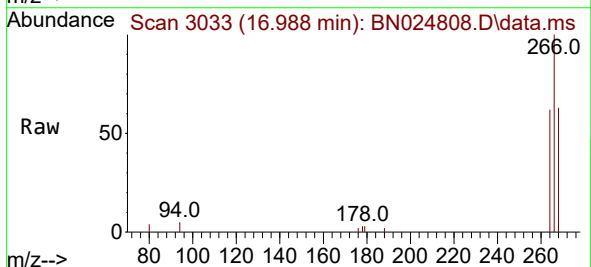
Instrument :
 BNA_N
 ClientSampleId :

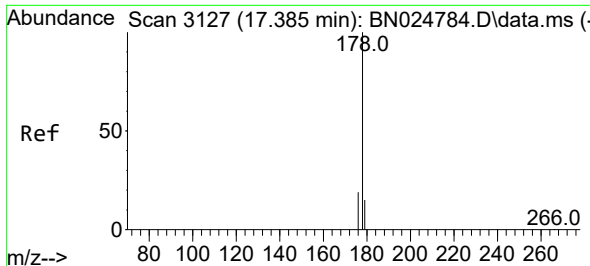
Tgt Ion:166 Resp: 19452
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.0 120.0
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.637 ng/ul
 RT: 16.988 min Scan# 3033
 Delta R.T. -0.008 min
 Lab File: BN024808.D
 Acq: 07 Apr 2023 12:40

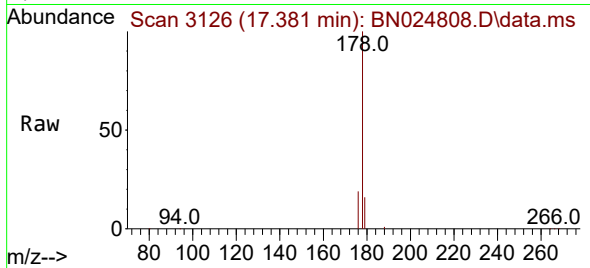
Tgt Ion:266 Resp: 4509
 Ion Ratio Lower Upper
 266 100
 264 63.5 49.6 74.4
 268 64.4 52.6 78.8



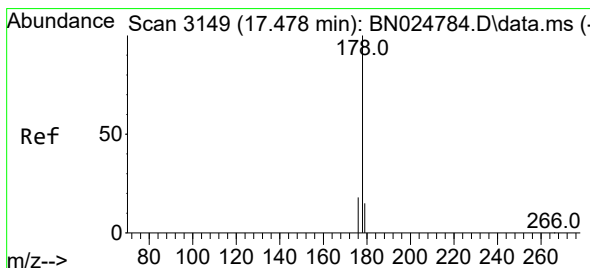
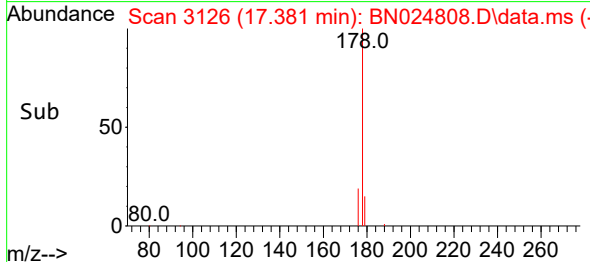
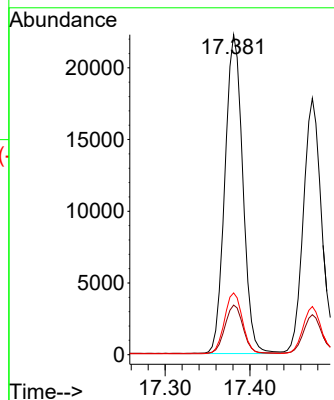


#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Instrument :
BNA_N
ClientSampleId :

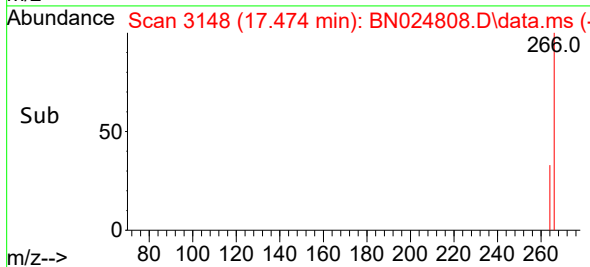
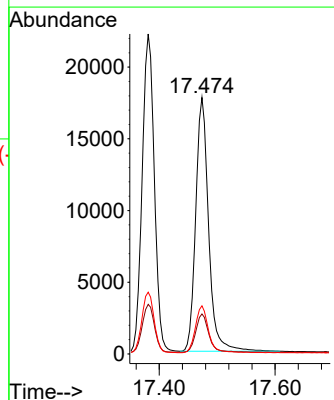
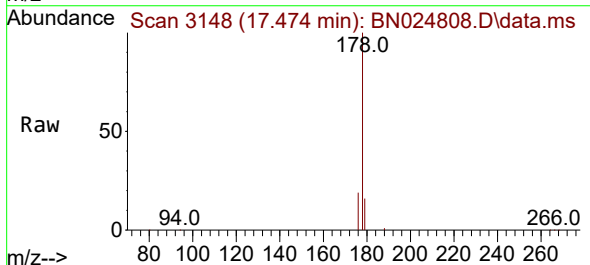


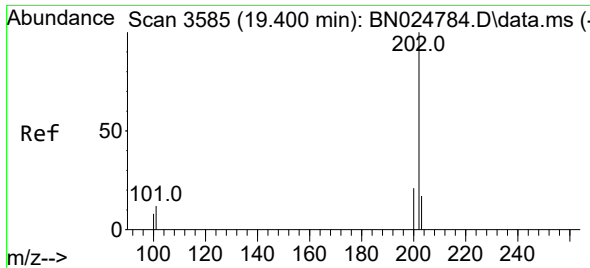
Tgt Ion:178 Resp: 32564
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Tgt Ion:178 Resp: 27274
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.8 15.2 22.8

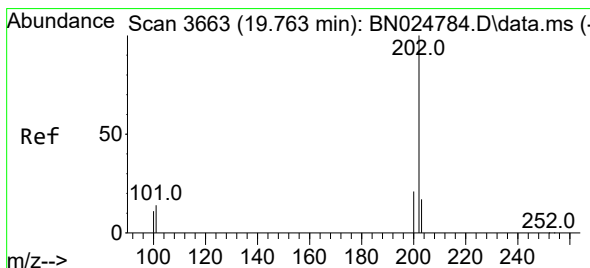
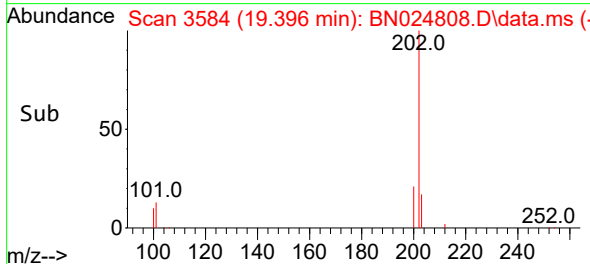
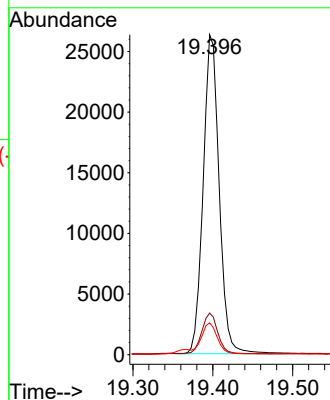
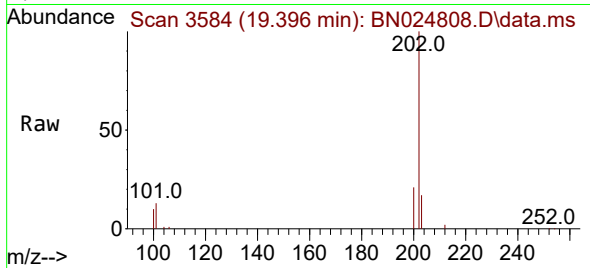




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.396 min Scan# 3661
Delta R.T. -0.004 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

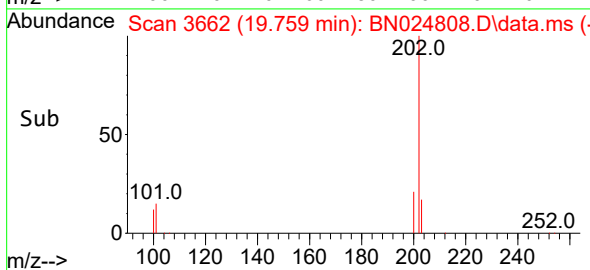
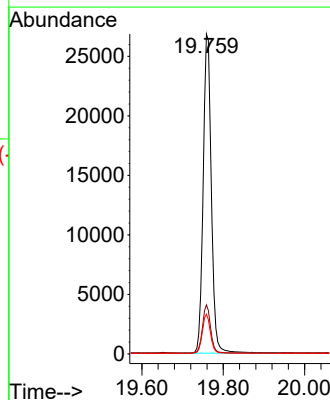
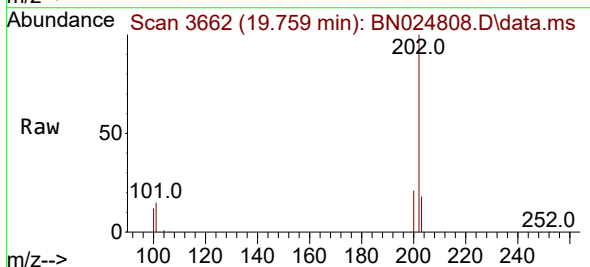
Instrument :
BNA_N
ClientSampleId :

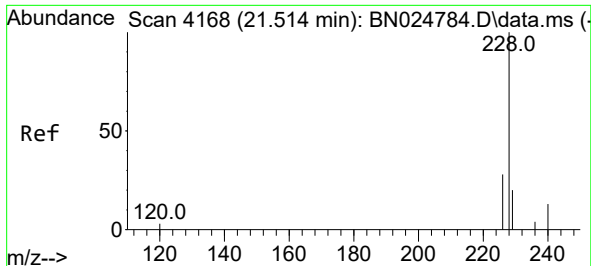
Tgt Ion:202 Resp: 36651
Ion Ratio Lower Upper
202 100
101 13.0 9.6 14.4
100 10.0 7.0 10.6



#20
Pyrene
Concen: 0.367 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.004 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

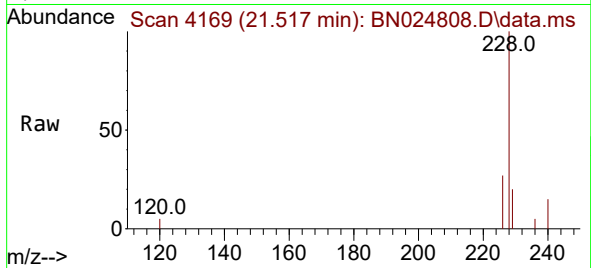
Tgt Ion:202 Resp: 37379
Ion Ratio Lower Upper
202 100
101 15.3 10.9 16.3
100 12.4 8.7 13.1



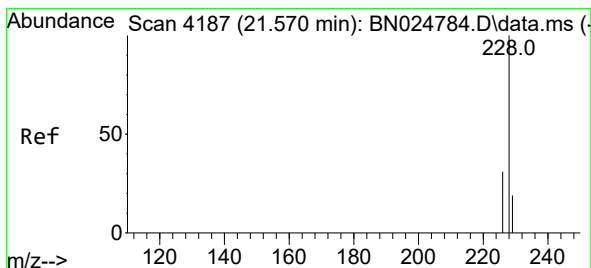
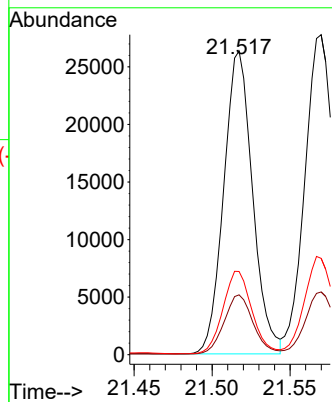
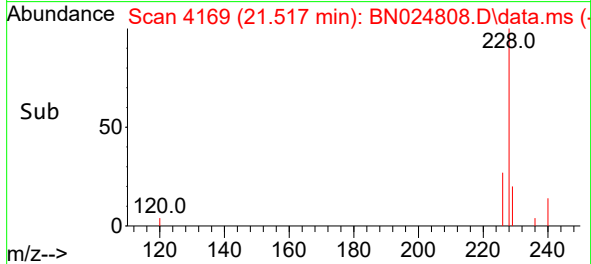


#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. 0.003 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Instrument :
BNA_N
ClientSampleId :

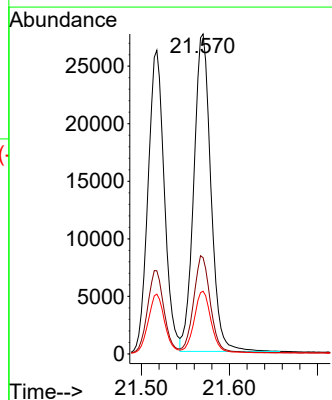
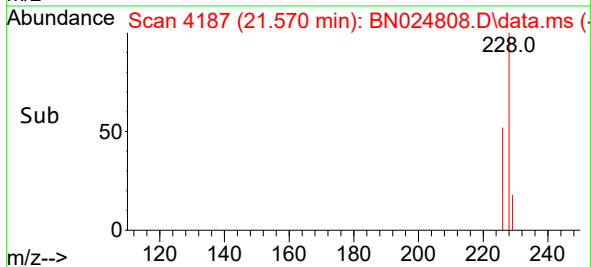
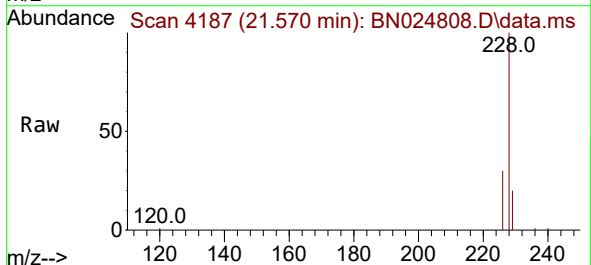


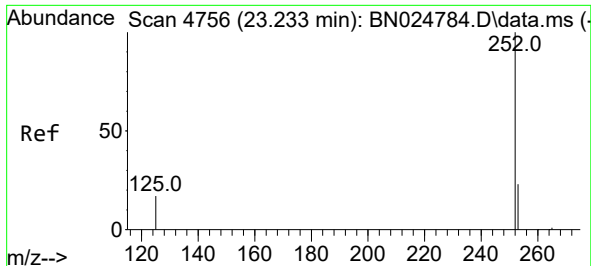
Tgt Ion:228 Resp: 33929
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

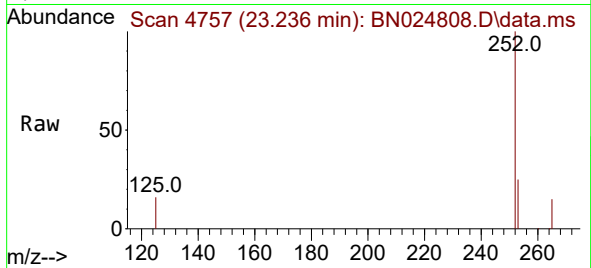
Tgt Ion:228 Resp: 37214
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.6 15.6 23.4



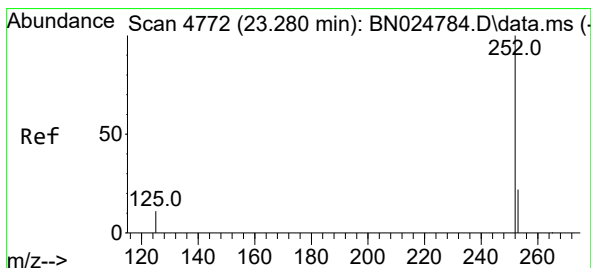
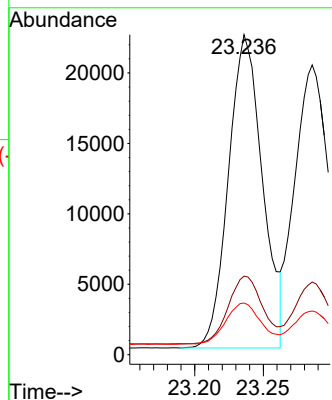


#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.236 min Scan# 4756
Delta R.T. 0.003 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Instrument :
BNA_N
ClientSampleId :

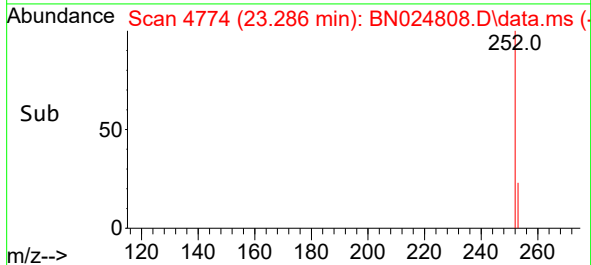
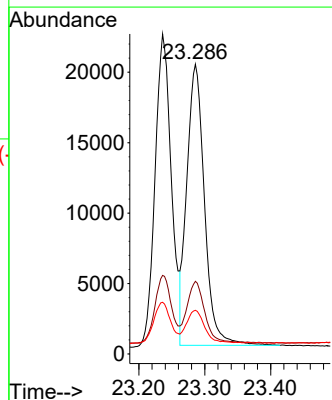
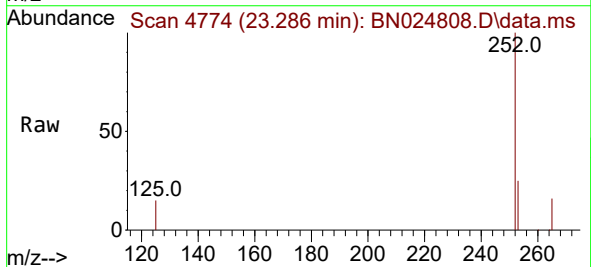


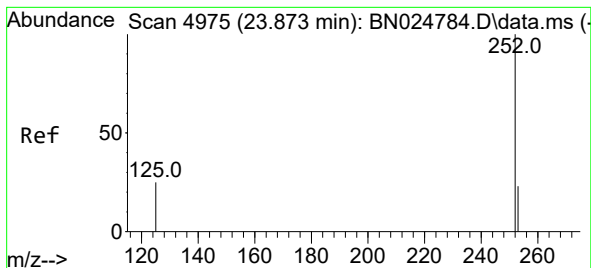
Tgt Ion:252 Resp: 38389
Ion Ratio Lower Upper
252 100
253 24.6 0.0 49.6
125 16.1 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 23.286 min Scan# 4774
Delta R.T. 0.006 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Tgt Ion:252 Resp: 37132
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.2
125 15.1 13.1 19.7





#26

Benzo(a)pyrene

Concen: 0.367 ng/ul

RT: 23.882 min Scan# 4975

Delta R.T. 0.009 min

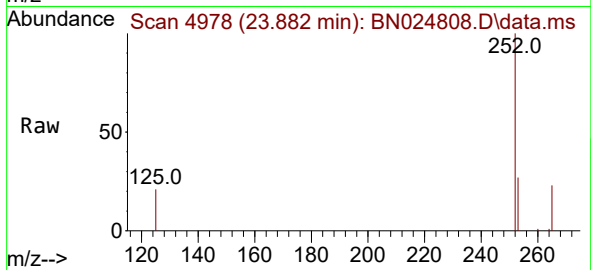
Lab File: BN024808.D

Acq: 07 Apr 2023 12:40

Instrument :

BNA_N

ClientSampleId :



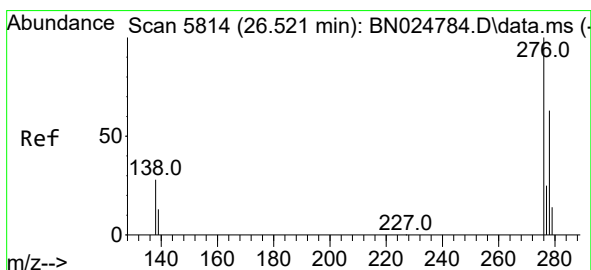
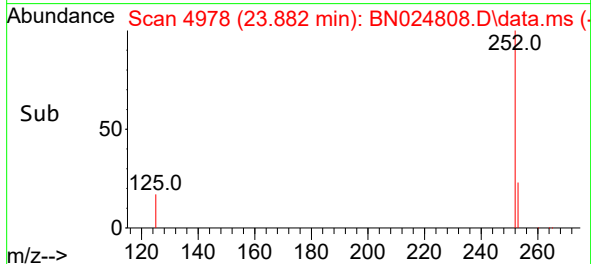
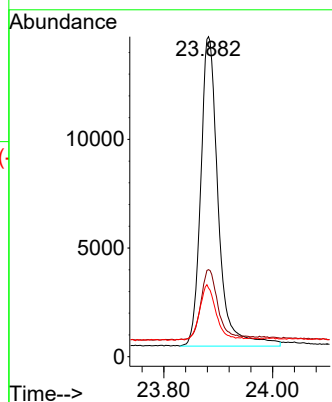
Tgt Ion:252 Resp: 31818

Ion Ratio Lower Upper

252 100

253 27.2 21.8 32.8

125 21.5 15.4 23.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.351 ng/ul

RT: 26.551 min Scan# 5823

Delta R.T. 0.030 min

Lab File: BN024808.D

Acq: 07 Apr 2023 12:40

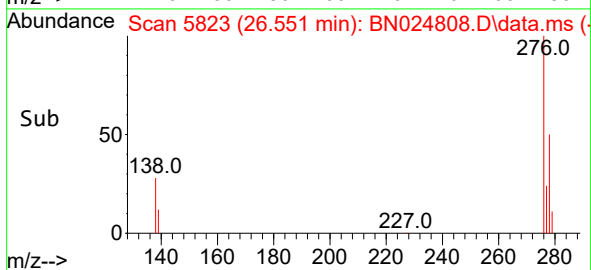
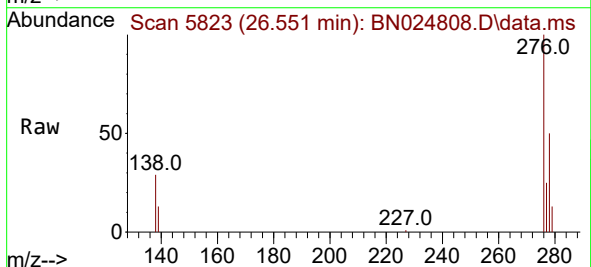
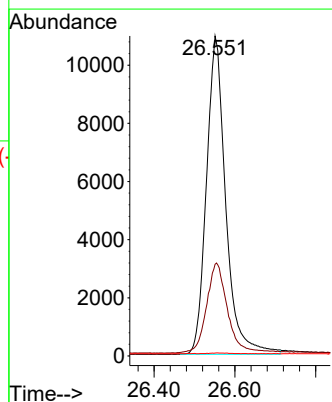
Tgt Ion:276 Resp: 36292

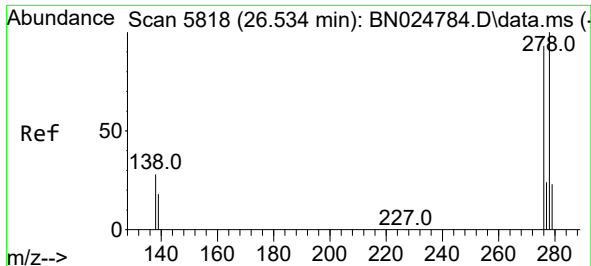
Ion Ratio Lower Upper

276 100

138 30.7 24.6 36.8

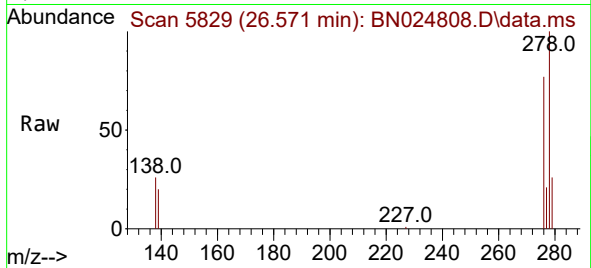
227 0.3 0.1 0.1#



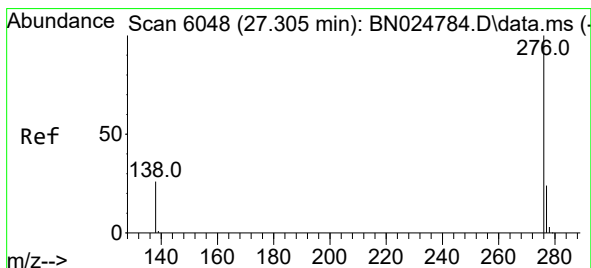
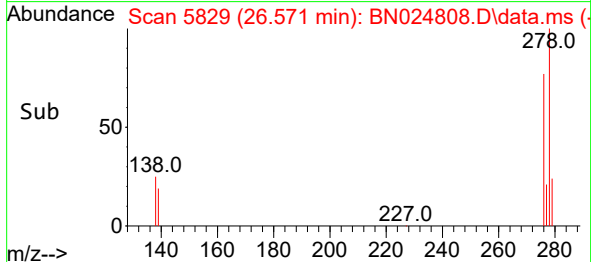
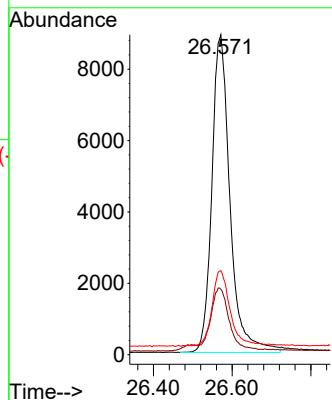


#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 26.571 min Scan# 5829
Delta R.T. 0.037 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 28493
Ion Ratio Lower Upper
278 100
139 20.5 16.5 24.7
279 26.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. 0.027 min
Lab File: BN024808.D
Acq: 07 Apr 2023 12:40

Tgt Ion:276 Resp: 30036
Ion Ratio Lower Upper
276 100
138 26.8 21.4 32.2
277 24.4 19.8 29.6

