

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026028.D
 Acq On : 26 Jun 2023 15:46
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4315

Quant Time: Jun 27 01:38:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

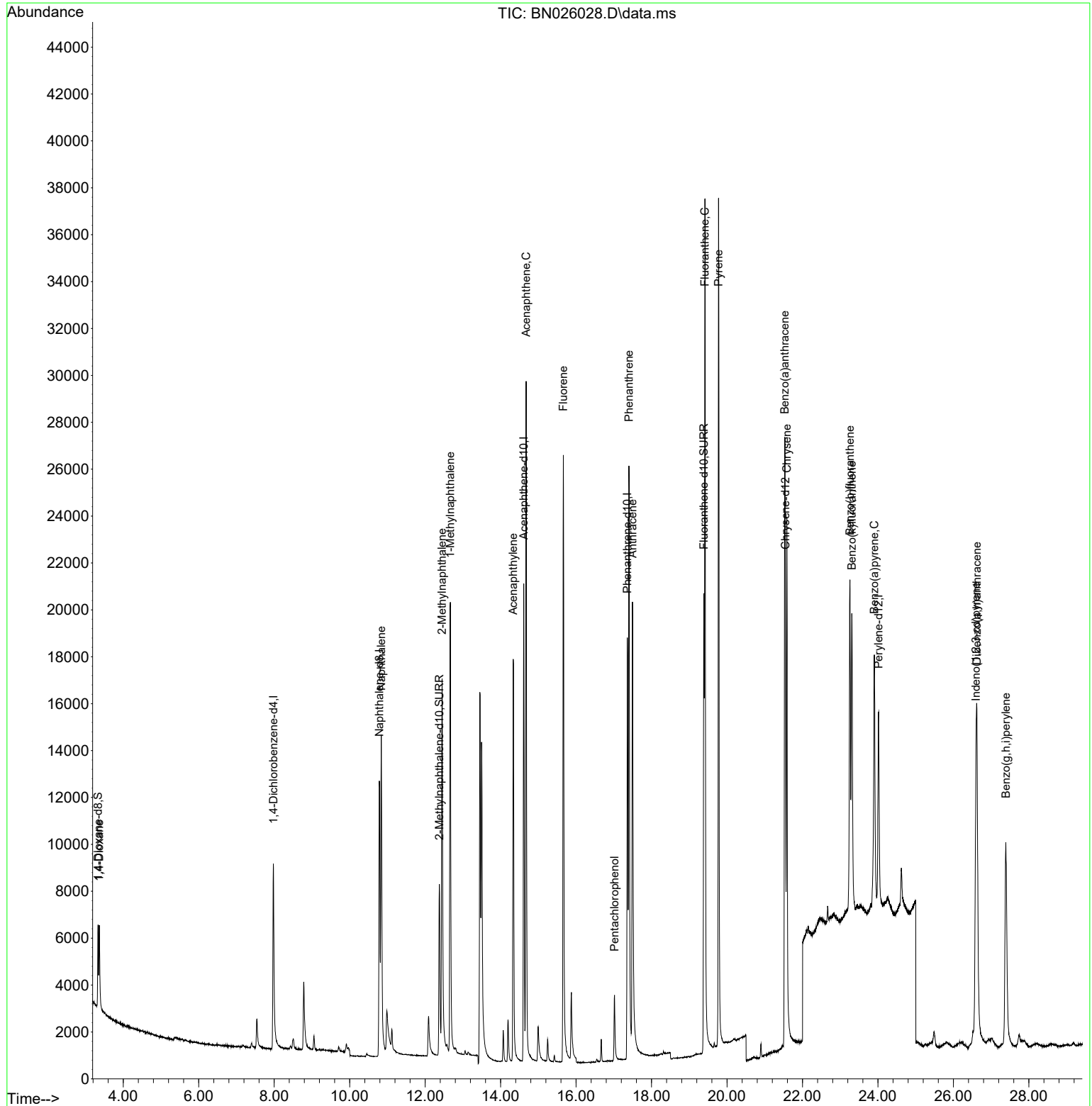
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	6003	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	20143	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	12194	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	24549	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	14825	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	13563	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2465	0.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	11958	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	24967	0.442	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	2743	0.382	ng/ul	97
5) Naphthalene	10.836	128	22502	0.390	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	14132	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	15188	0.399	ng/ul	100
10) Acenaphthylene	14.334	152	23269	0.408	ng/ul	100
11) Acenaphthene	14.676	153	18330	0.392	ng/ul	99
12) Fluorene	15.662	166	20154	0.376	ng/ul	100
14) Pentachlorophenol	17.017	266	2350	0.267	ng/ul	99
15) Phenanthrene	17.402	178	31430	0.388	ng/ul	100
16) Anthracene	17.494	178	27974	0.388	ng/ul	99
19) Fluoranthene	19.414	202	34483	0.435	ng/ul	99
20) Pyrene	19.777	202	35206	0.427	ng/ul	98
21) Benzo(a)anthracene	21.529	228	23669	0.387	ng/ul	99
22) Chrysene	21.584	228	24635	0.387	ng/ul	99
24) Benzo(b)fluoranthene	23.256	252	21909	0.378	ng/ul	96
25) Benzo(k)fluoranthene	23.306	252	22389	0.385	ng/ul	97
26) Benzo(a)pyrene	23.905	252	19585	0.390	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.598	276	24302	0.443	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.621	278	18506	0.445	ng/ul	97
29) Benzo(g,h,i)perylene	27.389	276	20687	0.423	ng/ul	98

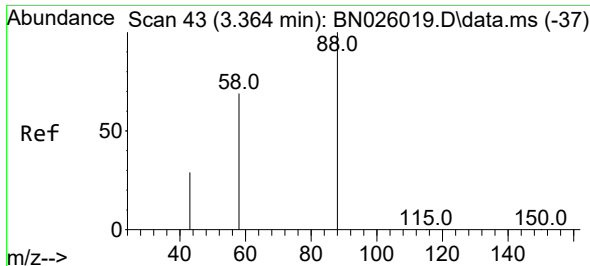
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
Data File : BN026028.D
Acq On : 26 Jun 2023 15:46
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Quant Time: Jun 27 01:38:48 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration

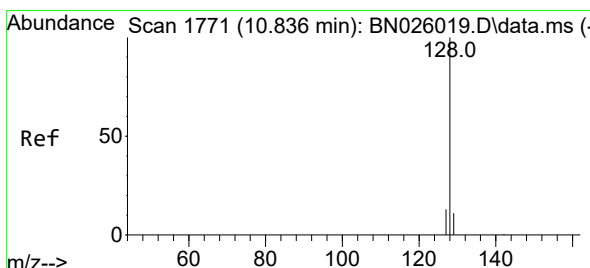
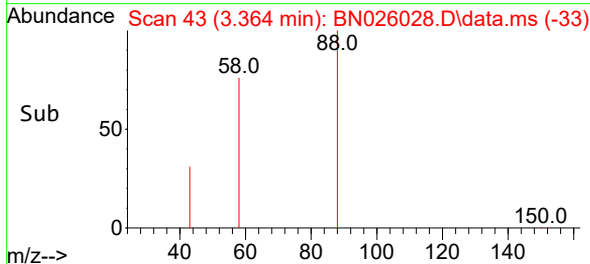
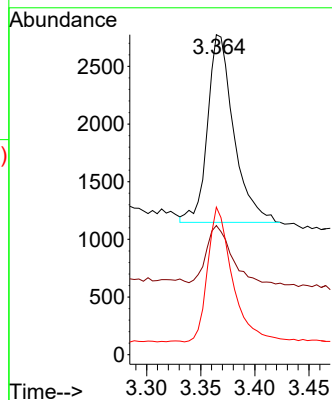
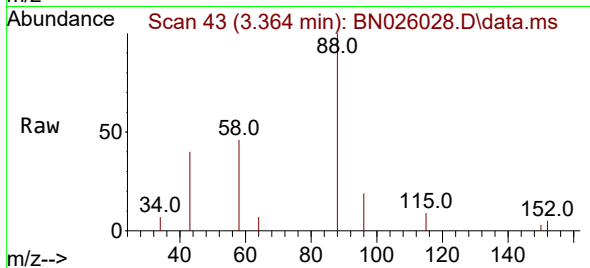




#2
1,4-Dioxane
Concen: 0.382 ng/ul
RT: 3.364 min Scan# 43
Delta R.T. -0.009 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

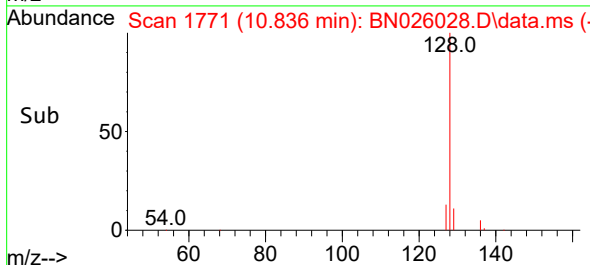
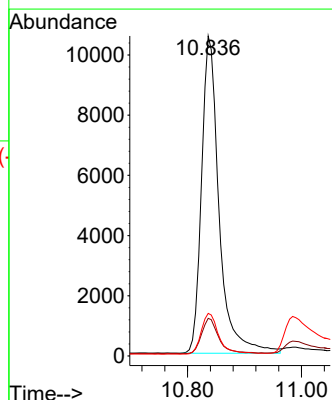
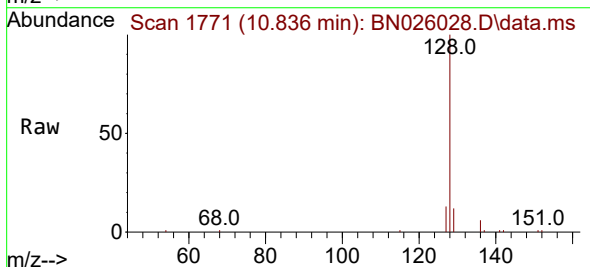
Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

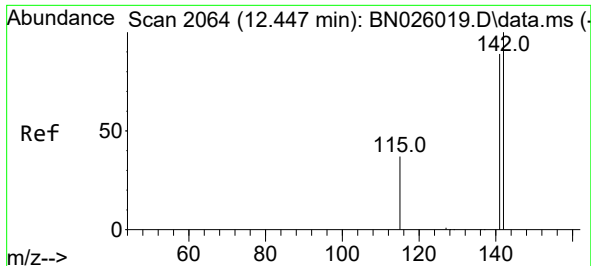
Tgt Ion: 88 Resp: 2743
Ion Ratio Lower Upper
88 100
43 40.4 29.5 44.3
58 46.1 37.4 56.2



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Tgt Ion: 128 Resp: 22502
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.3 10.7 16.1

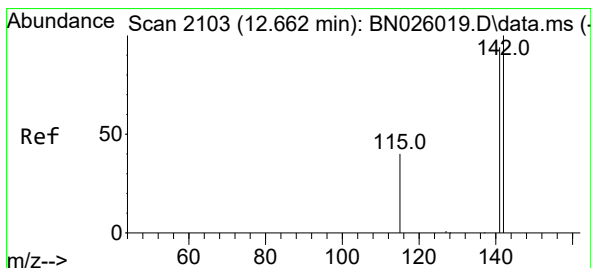
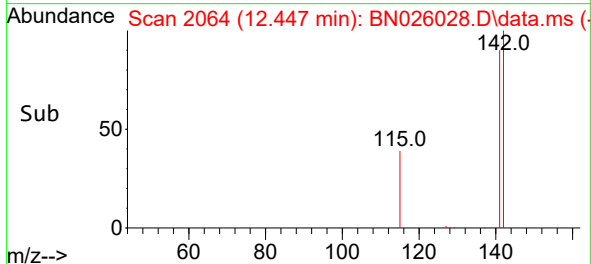
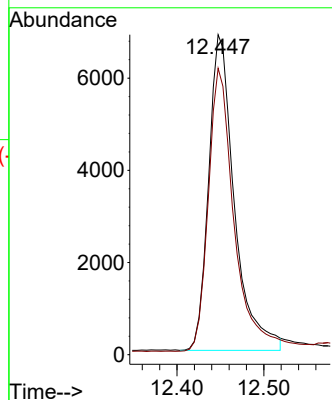
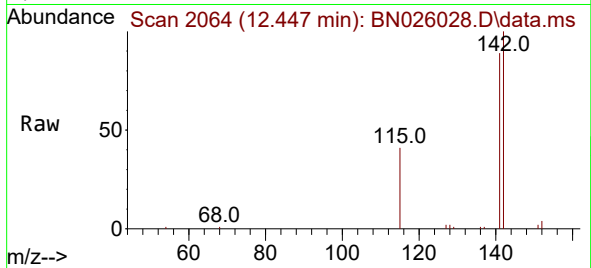




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

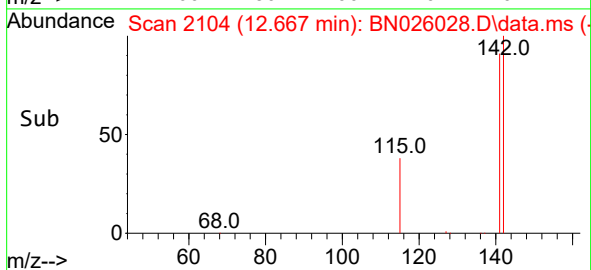
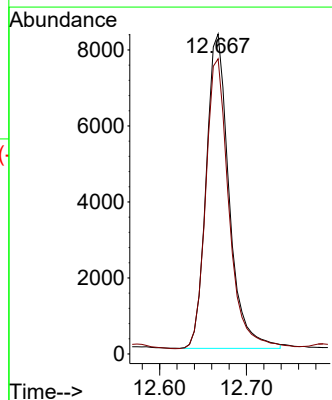
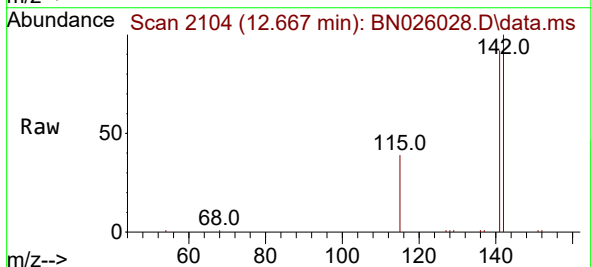
Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

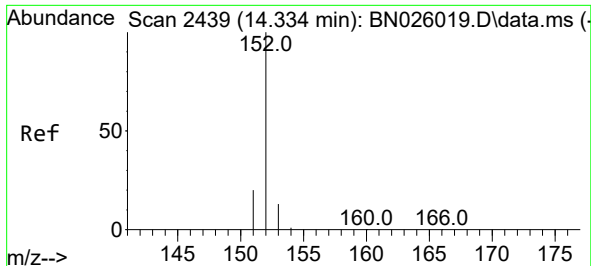
Tgt Ion:142 Resp: 14132
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Tgt Ion:142 Resp: 15188
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4

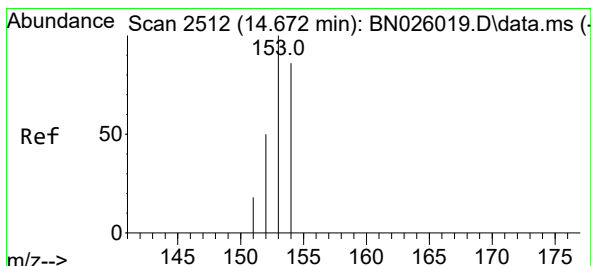
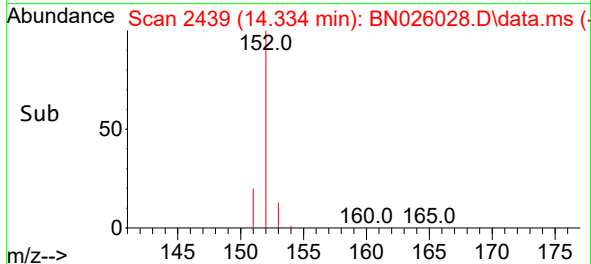
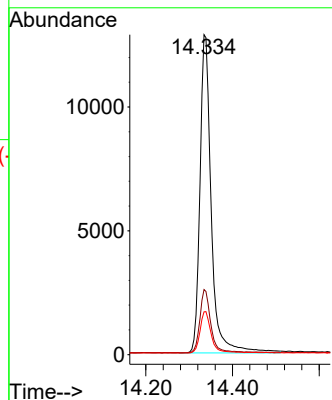
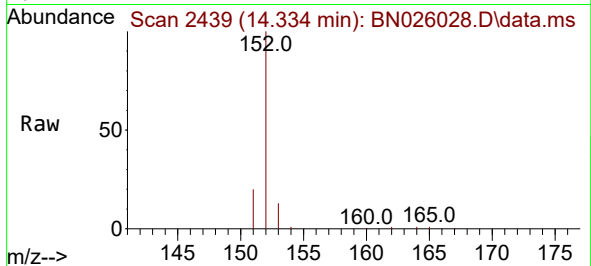




#10
Acenaphthylene
Concen: 0.408 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

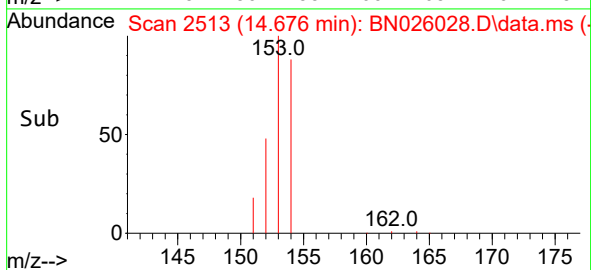
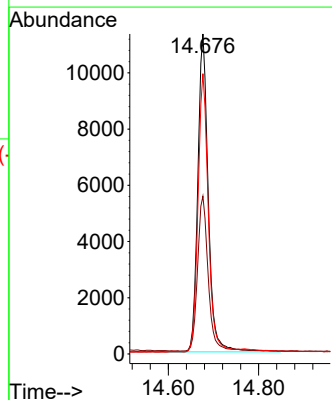
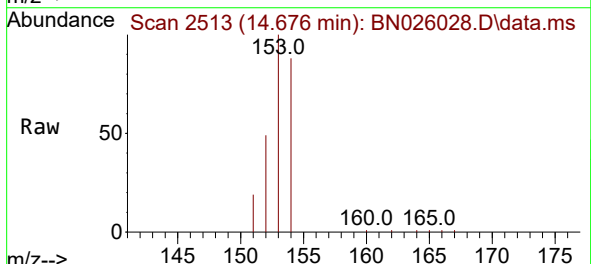
Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

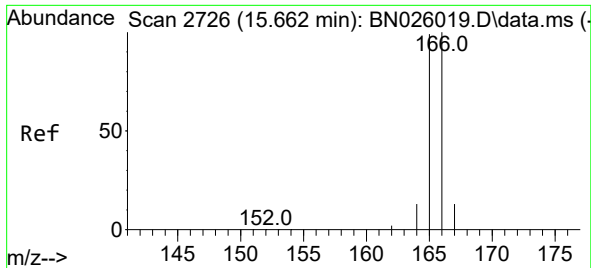
Tgt Ion:152 Resp: 23269
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Tgt Ion:153 Resp: 18330
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 87.6 68.9 103.3

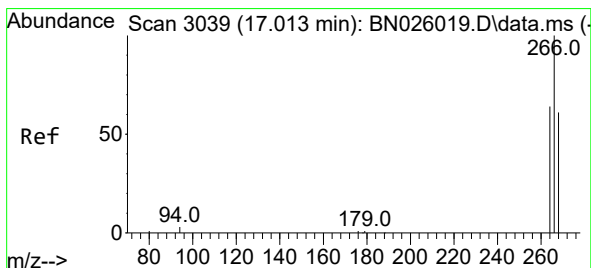
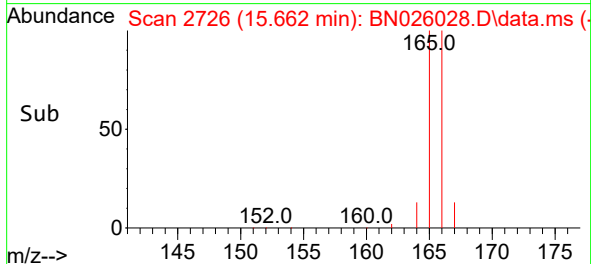
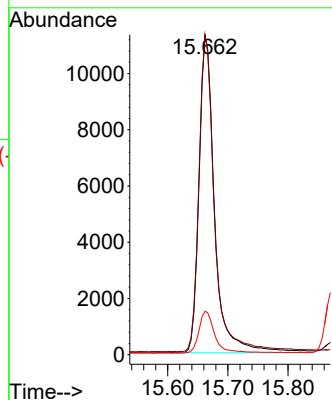
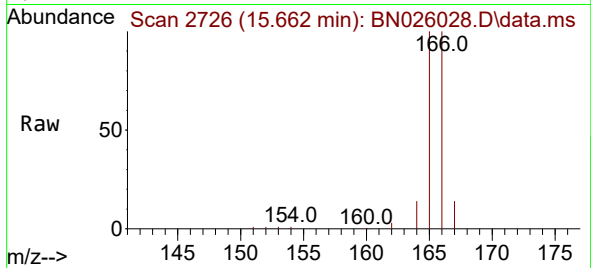




#12
Fluorene
Concen: 0.376 ng/ul
RT: 15.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

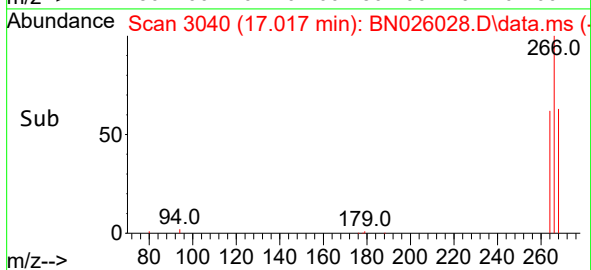
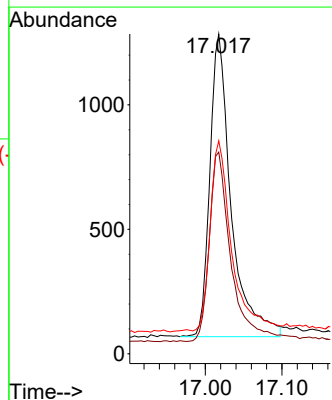
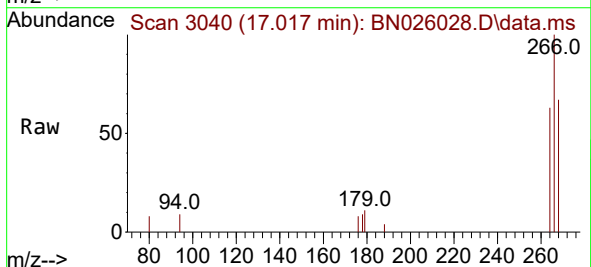
Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

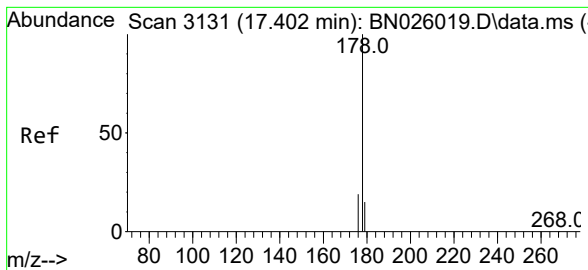
Tgt Ion:166 Resp: 20154
Ion Ratio Lower Upper
166 100
165 100.4 79.9 119.9
167 13.6 10.8 16.2



#14
Pentachlorophenol
Concen: 0.267 ng/ul
RT: 17.017 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Tgt Ion:266 Resp: 2350
Ion Ratio Lower Upper
266 100
264 62.9 50.5 75.7
268 63.2 51.6 77.4

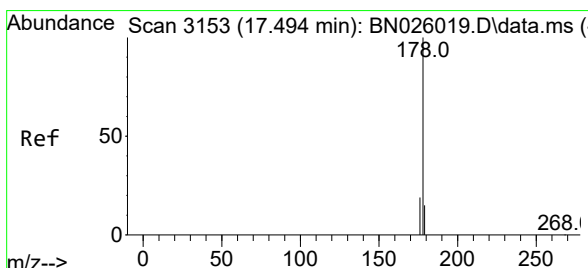
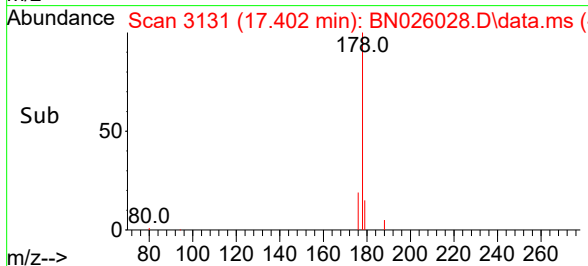
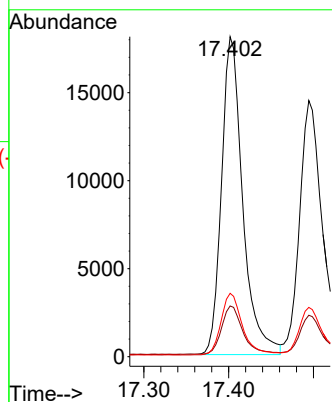
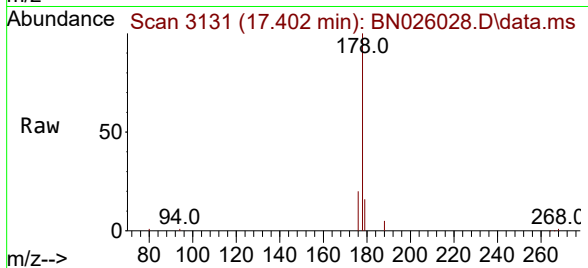




#15
 Phenanthrene
 Concen: 0.388 ng/ul
 RT: 17.402 min Scan# 3131
 Delta R.T. -0.004 min
 Lab File: BN026028.D
 Acq: 26 Jun 2023 15:46

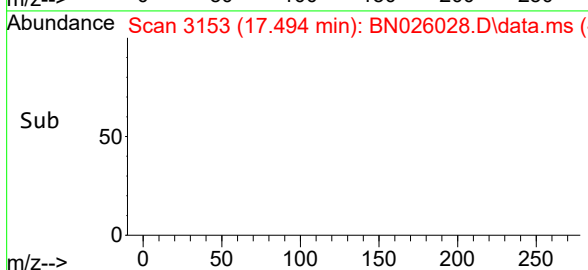
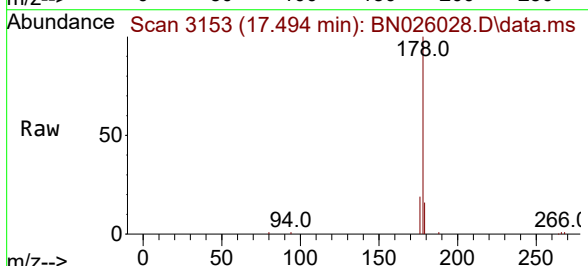
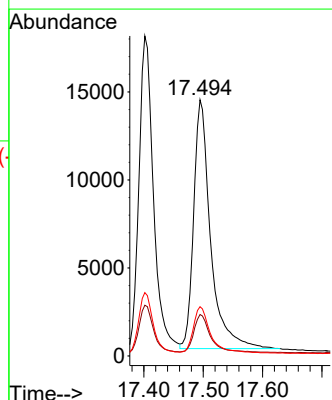
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4315

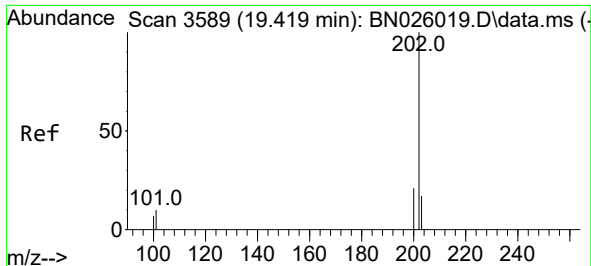
Tgt Ion:	178	Resp:	31430
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	19.8	15.8	23.6



#16
 Anthracene
 Concen: 0.388 ng/ul
 RT: 17.494 min Scan# 3153
 Delta R.T. -0.004 min
 Lab File: BN026028.D
 Acq: 26 Jun 2023 15:46

Tgt Ion:	178	Resp:	27974
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	18.8
176	19.2	15.1	22.7

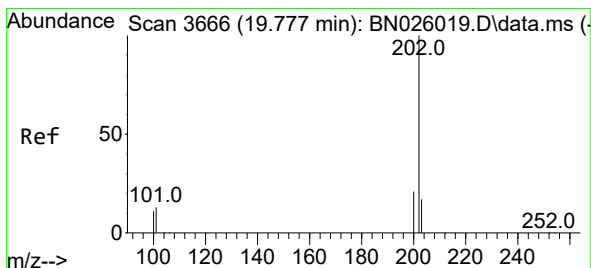
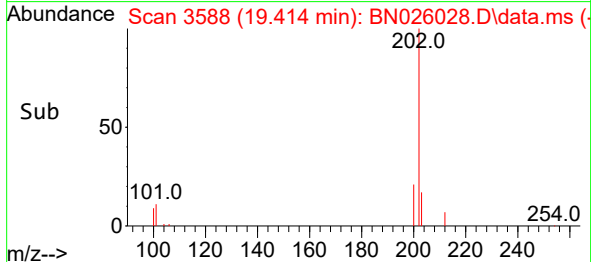
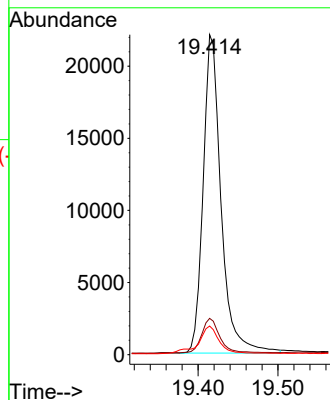
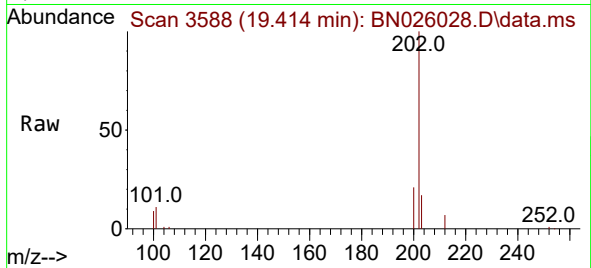




#19
Fluoranthene
Concen: 0.435 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

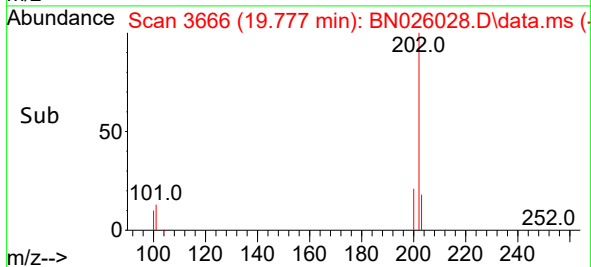
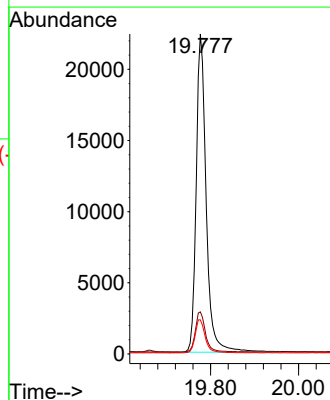
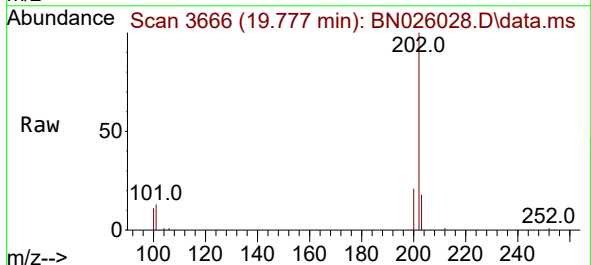
Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

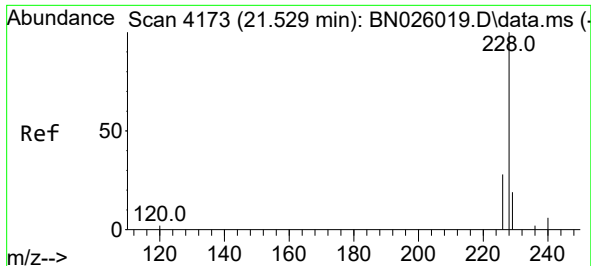
Tgt Ion:202 Resp: 34483
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

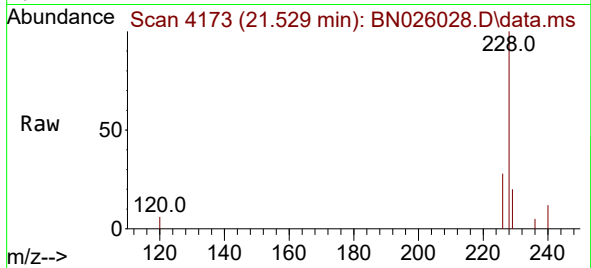
Tgt Ion:202 Resp: 35206
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.7 9.1 13.7



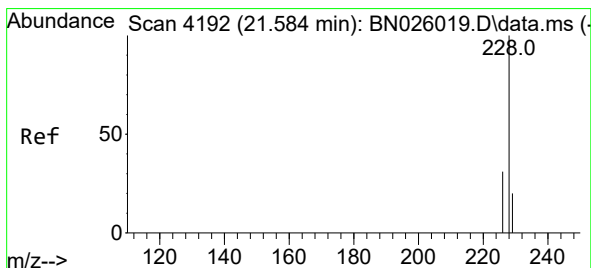
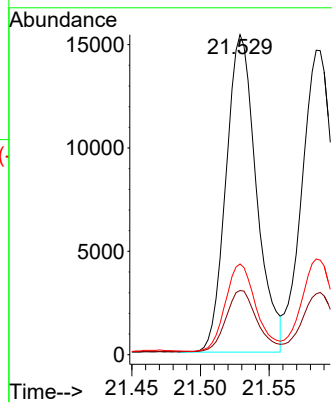
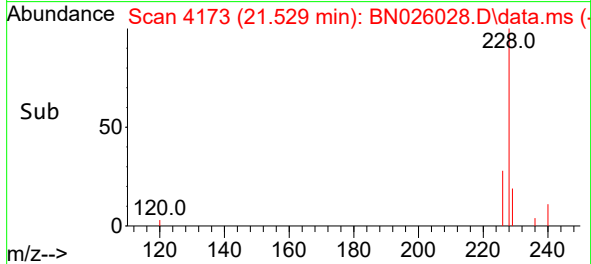


#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

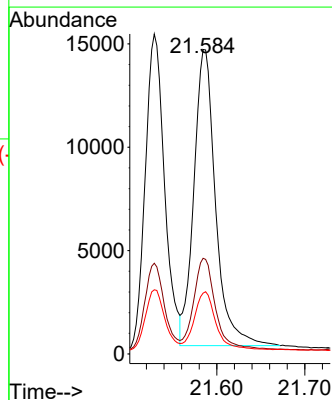
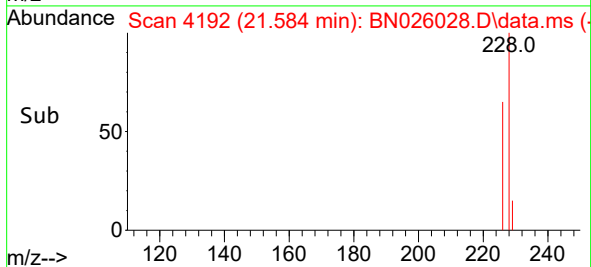
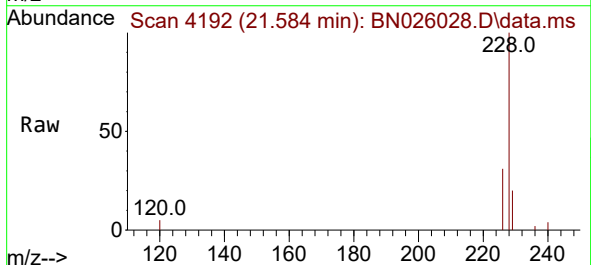


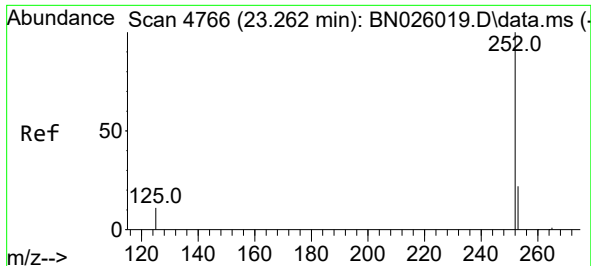
Tgt Ion:228 Resp: 23669
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.6
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

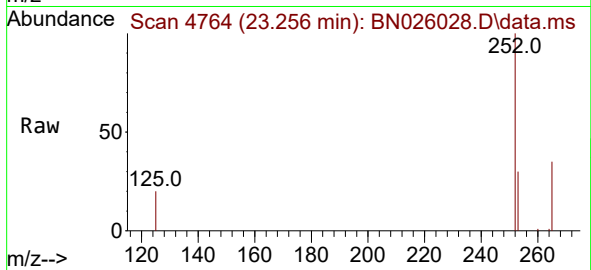
Tgt Ion:228 Resp: 24635
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.0 15.7 23.5



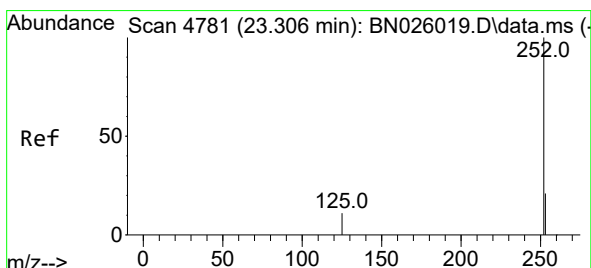
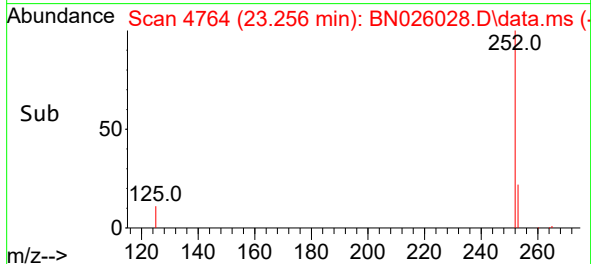
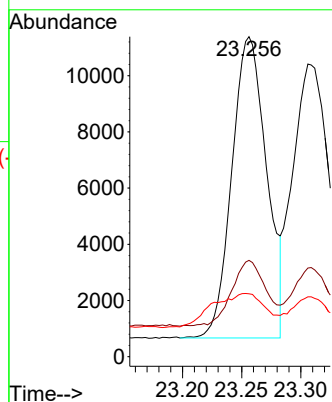


#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.256 min Scan# 4764
Delta R.T. -0.000 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

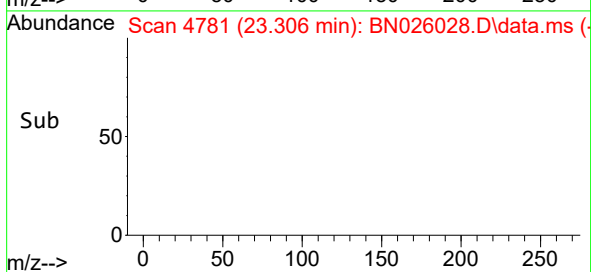
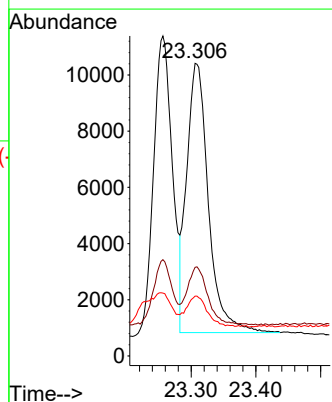
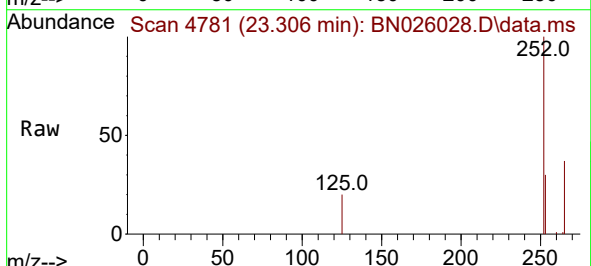


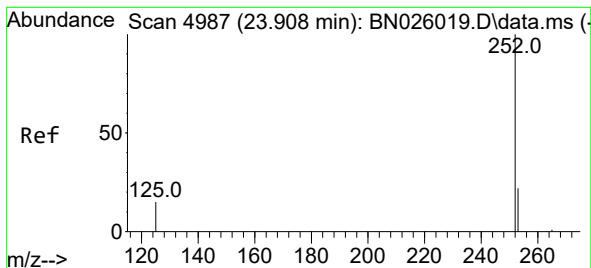
Tgt Ion:252 Resp: 21909
Ion Ratio Lower Upper
252 100
253 30.1 0.0 55.6
125 19.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.306 min Scan# 4781
Delta R.T. -0.003 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Tgt Ion:252 Resp: 22389
Ion Ratio Lower Upper
252 100
253 30.3 23.2 34.8
125 20.4 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.390 ng/ul

RT: 23.905 min Scan# 4987

Delta R.T. -0.003 min

Lab File: BN026028.D

Acq: 26 Jun 2023 15:46

Instrument :

BNA_N

ClientSampleId :

SSTD0.4315

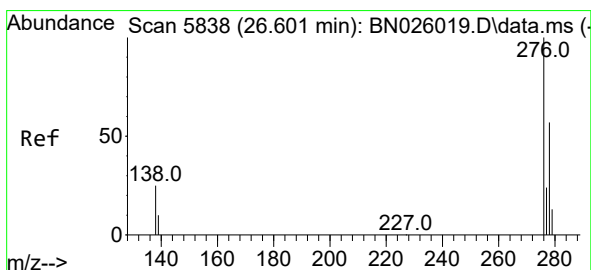
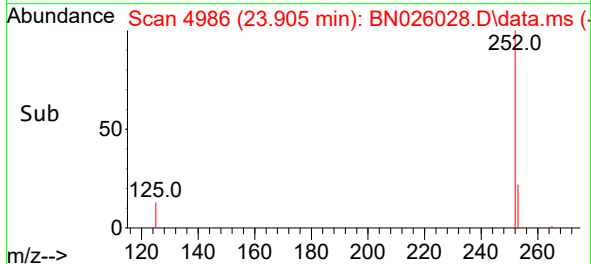
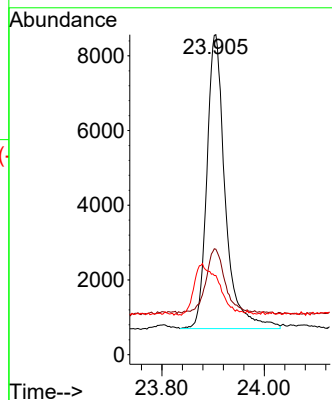
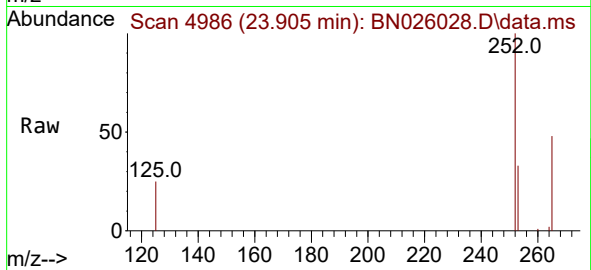
Tgt Ion:252 Resp: 19585

Ion Ratio Lower Upper

252 100

253 33.0 26.0 39.0

125 24.8 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.443 ng/ul

RT: 26.598 min Scan# 5837

Delta R.T. 0.003 min

Lab File: BN026028.D

Acq: 26 Jun 2023 15:46

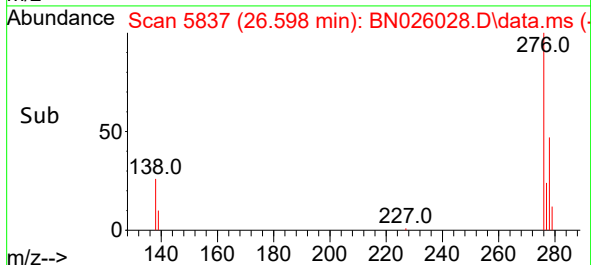
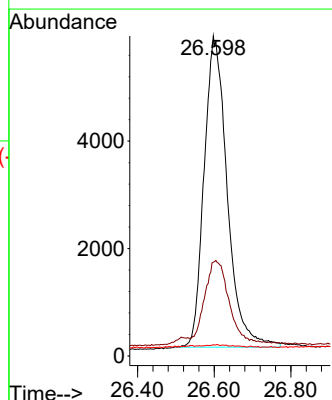
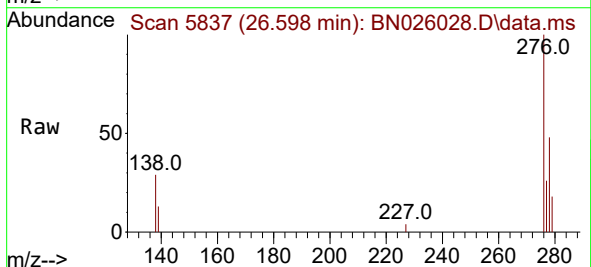
Tgt Ion:276 Resp: 24302

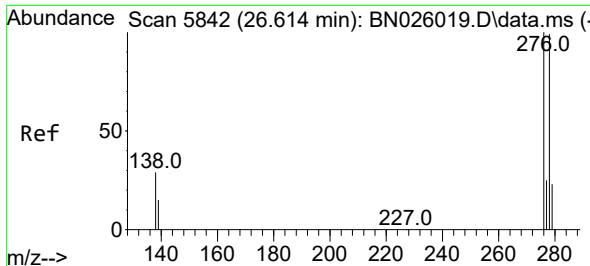
Ion Ratio Lower Upper

276 100

138 28.3 24.5 36.7

227 0.0 0.0 0.0

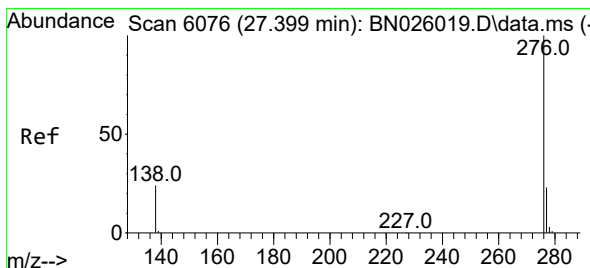
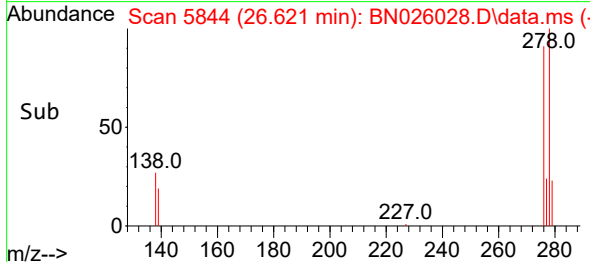
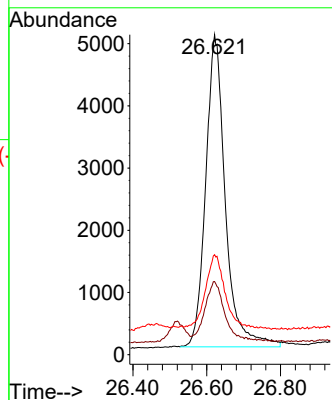
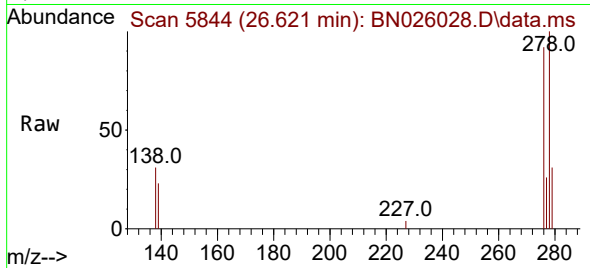




#28
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 26.621 min Scan# 5844
Delta R.T. -0.000 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.4315

Tgt Ion:278 Resp: 18506
Ion Ratio Lower Upper
278 100
139 22.9 19.0 28.4
279 31.3 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul
RT: 27.389 min Scan# 6073
Delta R.T. 0.003 min
Lab File: BN026028.D
Acq: 26 Jun 2023 15:46

Tgt Ion:276 Resp: 20687
Ion Ratio Lower Upper
276 100
138 27.6 23.4 35.0
277 25.8 20.0 30.0

