

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026054.D
 Acq On : 28 Jun 2023 12:33
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4316

Quant Time: Jun 28 23:14:17 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

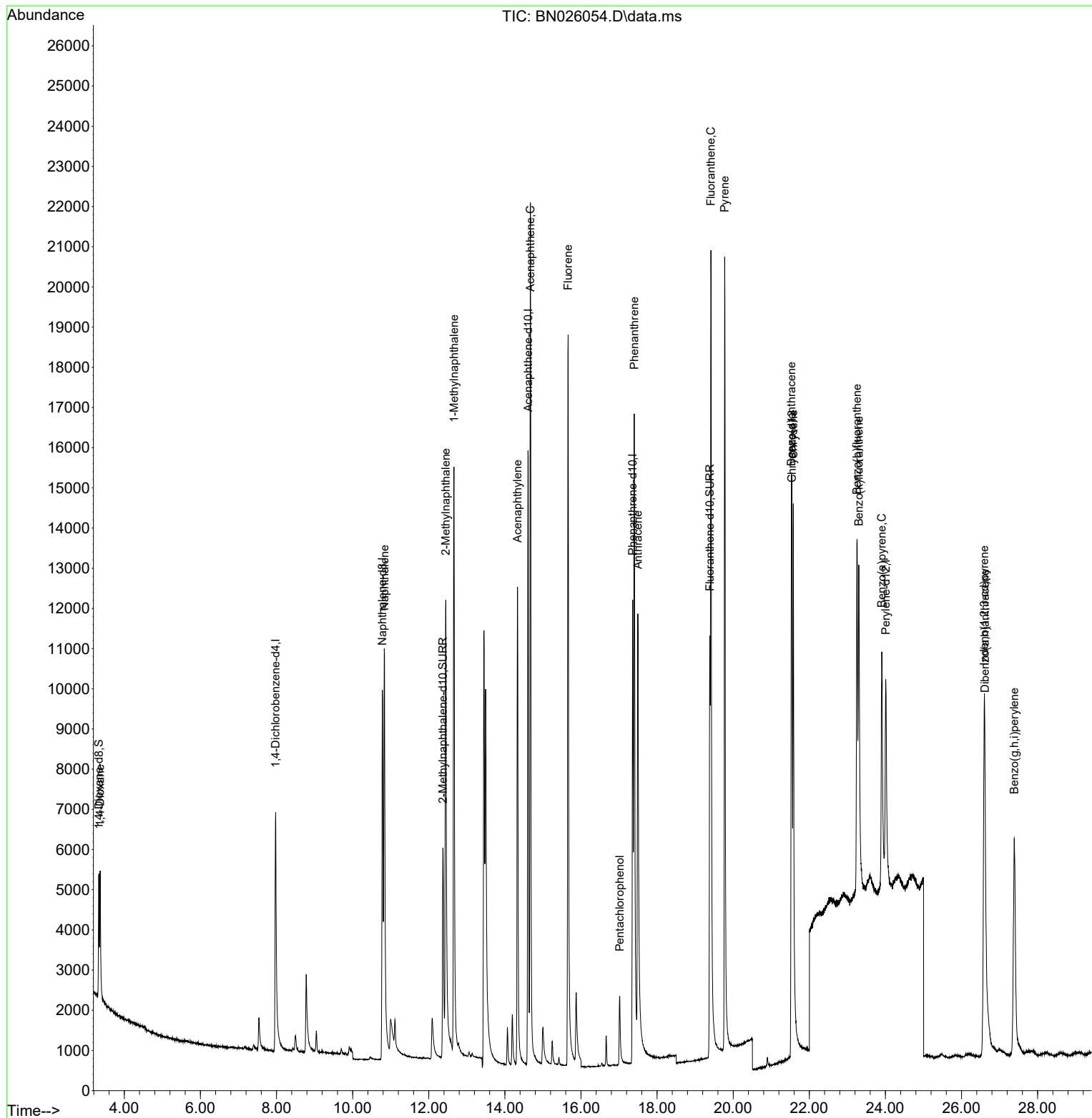
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	5030	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	16696	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.612	164	9763	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	17617	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	9286	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	8688	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2311	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	9336	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	15371	0.435	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	2430	0.404	ng/ul	94
5) Naphthalene	10.836	128	18317	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.447	142	11077	0.364	ng/ul	100
8) 1-Methylnaphthalene	12.662	142	12007	0.380	ng/ul	100
10) Acenaphthylene	14.329	152	17573	0.384	ng/ul	100
11) Acenaphthene	14.672	153	14516	0.388	ng/ul	99
12) Fluorene	15.662	166	15598	0.364	ng/ul	100
14) Pentachlorophenol	17.017	266	1664	0.264	ng/ul	99
15) Phenanthrene	17.402	178	22039	0.379	ng/ul	100
16) Anthracene	17.494	178	18712	0.362	ng/ul	98
19) Fluoranthene	19.414	202	21265	0.429	ng/ul	99
20) Pyrene	19.777	202	21914	0.425	ng/ul	99
21) Benzo(a)anthracene	21.529	228	12959	0.338	ng/ul	98
22) Chrysene	21.578	228	15093	0.379	ng/ul	99
24) Benzo(b)fluoranthene	23.253	252	13927	0.376	ng/ul	95
25) Benzo(k)fluoranthene	23.303	252	14380	0.386	ng/ul	96
26) Benzo(a)pyrene	23.905	252	12290	0.382	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.594	276	15600	0.443	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.614	278	11947	0.449	ng/ul	97
29) Benzo(g,h,i)perylene	27.386	276	14249	0.455	ng/ul	98

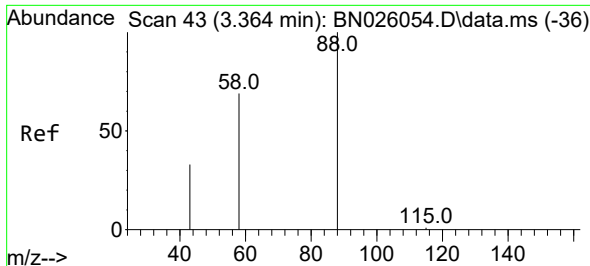
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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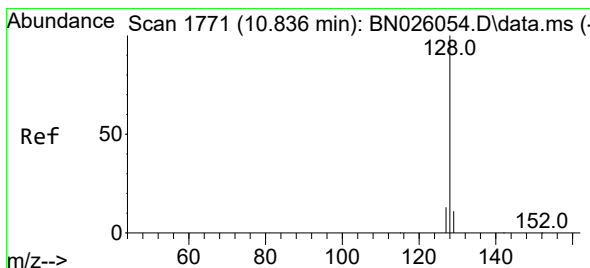
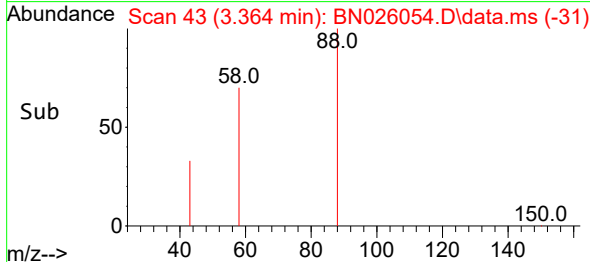
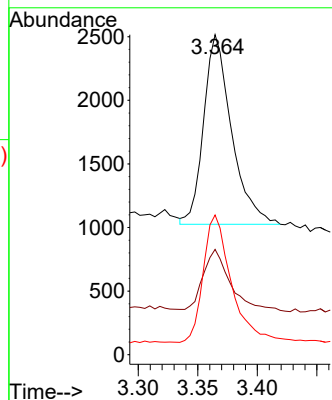
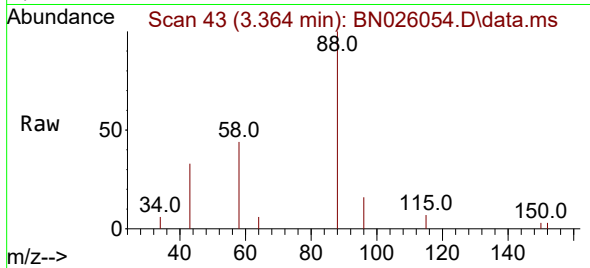




#2
1,4-Dioxane
Concen: 0.404 ng/ul
RT: 3.364 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

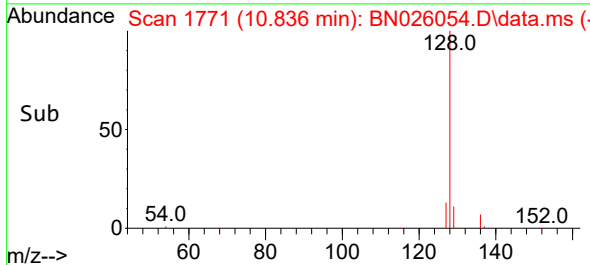
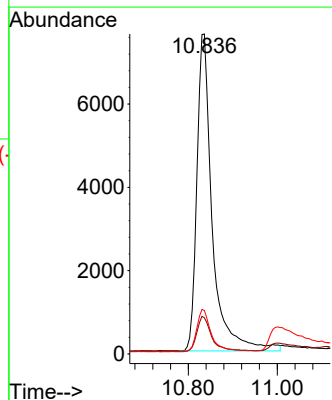
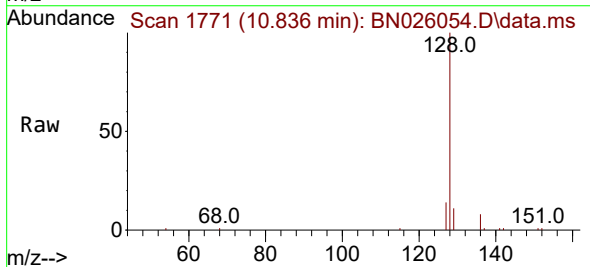
Instrument :
BNA_N
ClientSampleId :
SSTD0.4316

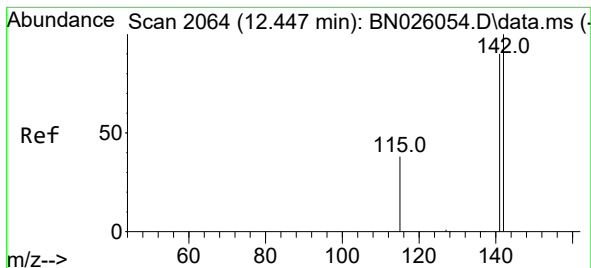
Tgt Ion: 88 Resp: 2430
Ion Ratio Lower Upper
88 100
43 32.9 29.5 44.3
58 43.7 37.4 56.2



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

Tgt Ion: 128 Resp: 18317
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.6 10.7 16.1

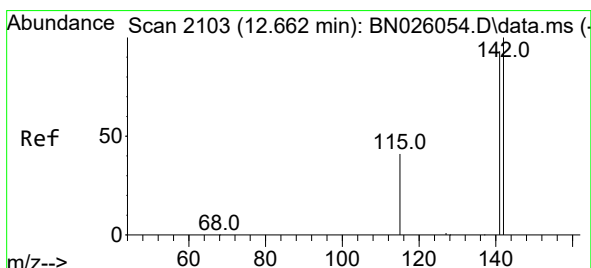
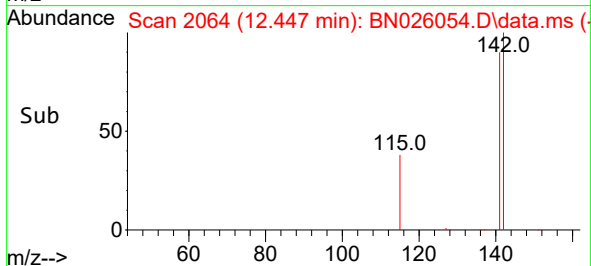
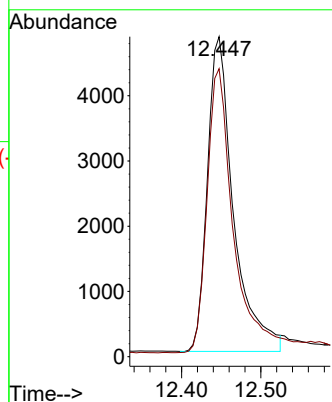
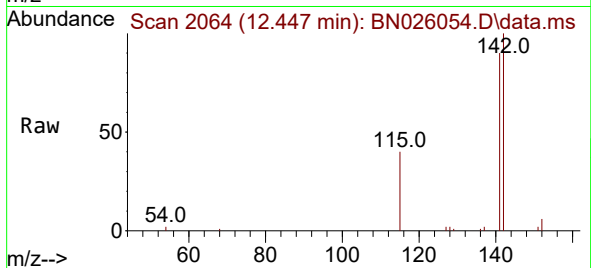




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

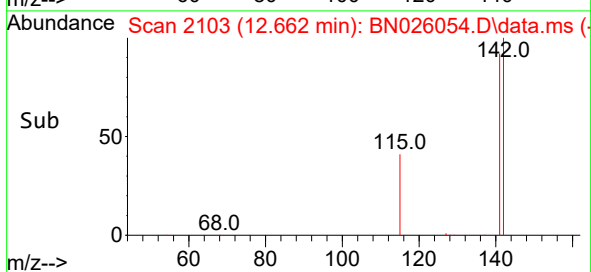
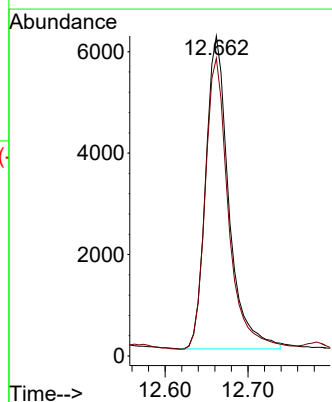
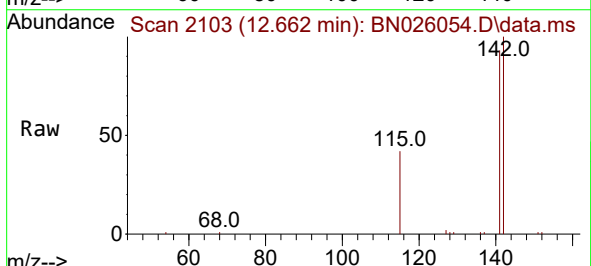
Instrument :
BNA_N
ClientSampleId :
SSTD0.4316

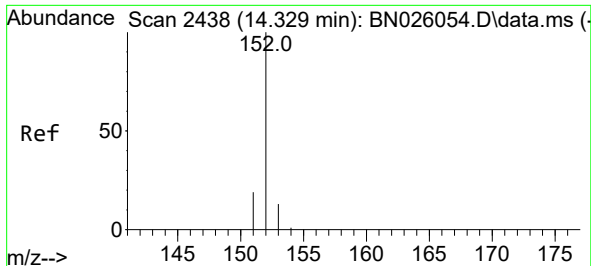
Tgt Ion:142 Resp: 11077
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

Tgt Ion:142 Resp: 12007
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4

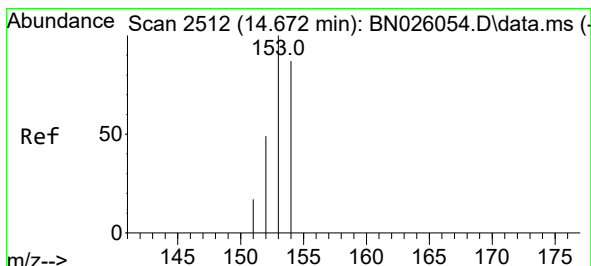
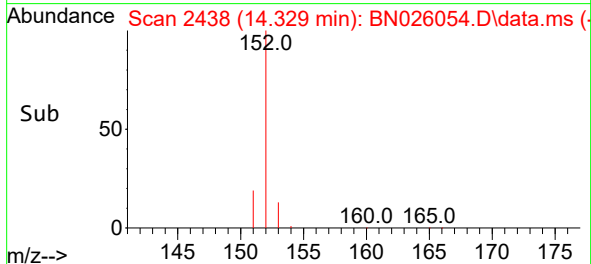
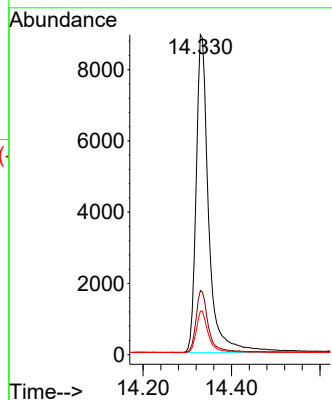
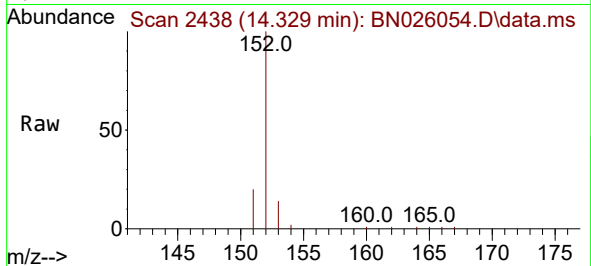




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.329 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

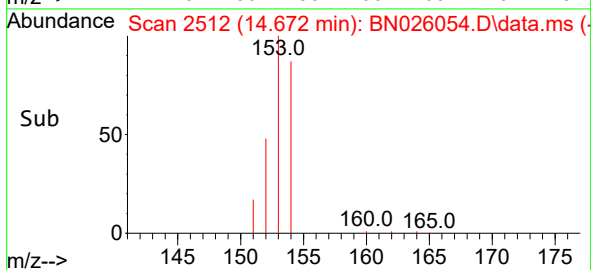
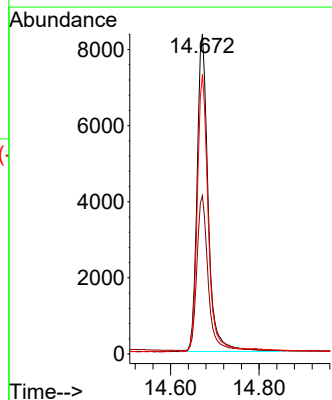
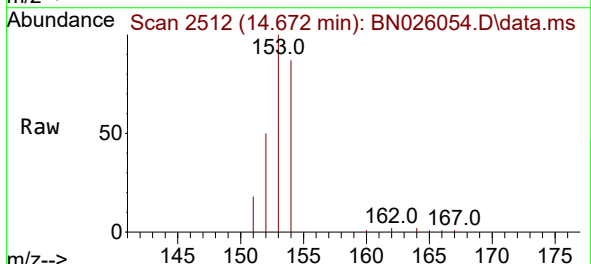
Instrument :
BNA_N
ClientSampleId :
SSTD0.4316

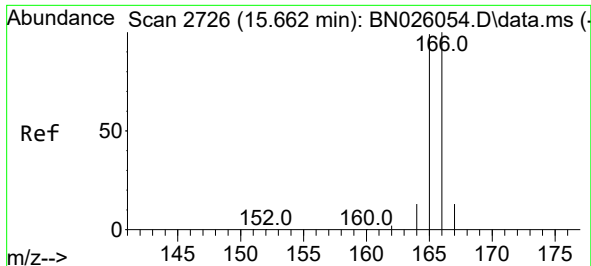
Tgt Ion:152 Resp: 17573
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.672 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

Tgt Ion:153 Resp: 14516
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.0
154 87.5 68.9 103.3

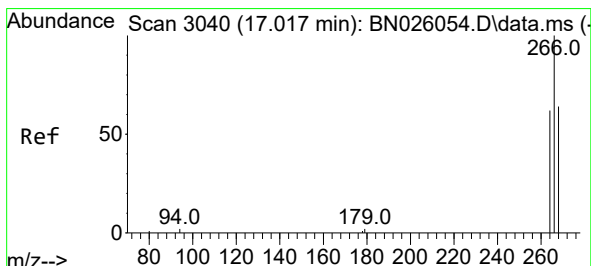
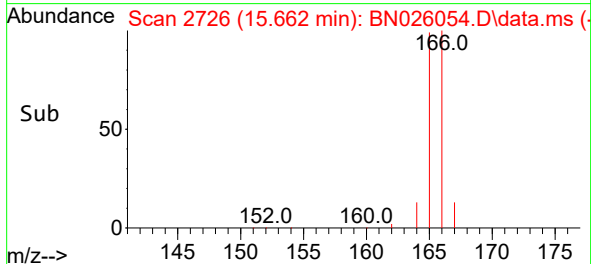
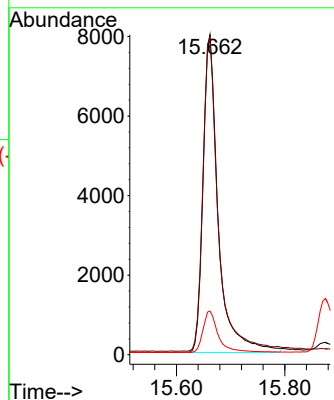
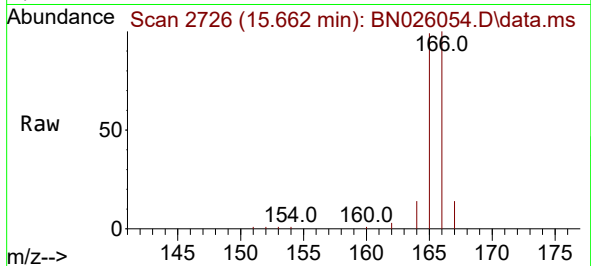




#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

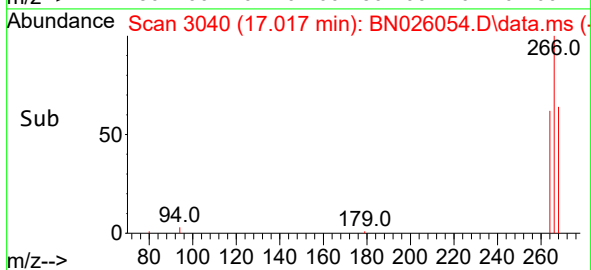
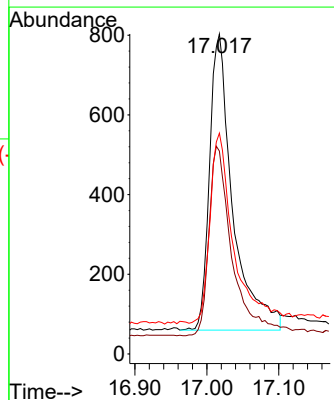
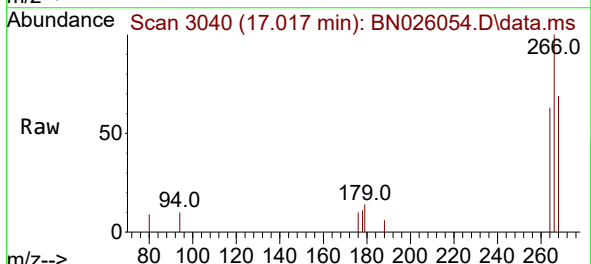
Instrument :
BNA_N
ClientSampleId :
SSTD0.4316

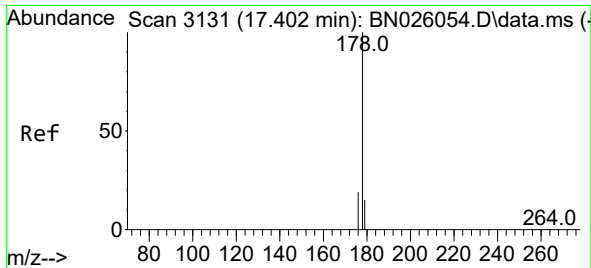
Tgt Ion:166 Resp: 15598
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 13.6 10.8 16.2



#14
Pentachlorophenol
Concen: 0.264 ng/ul
RT: 17.017 min Scan# 3040
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

Tgt Ion:266 Resp: 1664
Ion Ratio Lower Upper
266 100
264 63.7 50.5 75.7
268 65.0 51.6 77.4

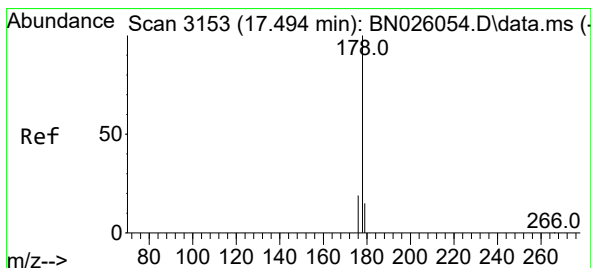
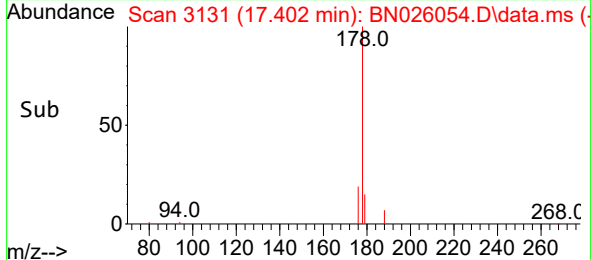
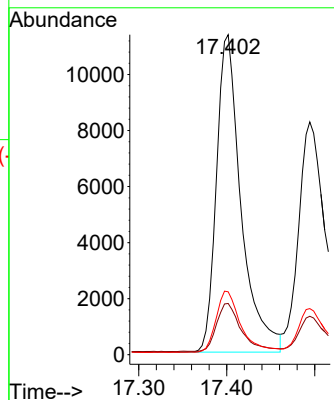
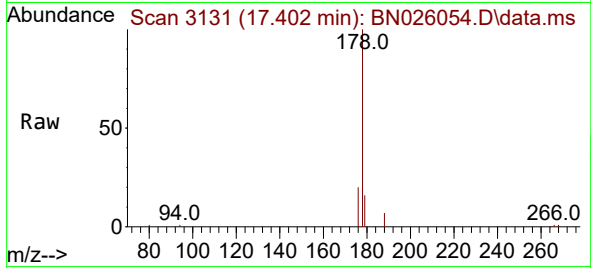




#15
 Phenanthrene
 Concen: 0.379 ng/ul
 RT: 17.402 min Scan# 3131
 Delta R.T. 0.000 min
 Lab File: BN026054.D
 Acq: 28 Jun 2023 12:33

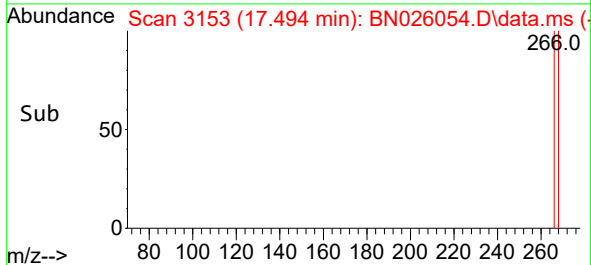
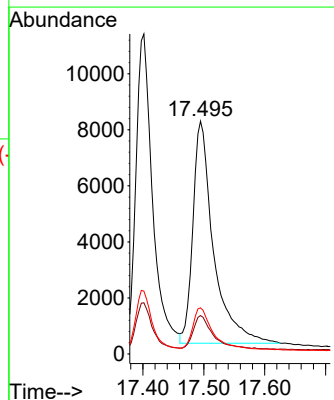
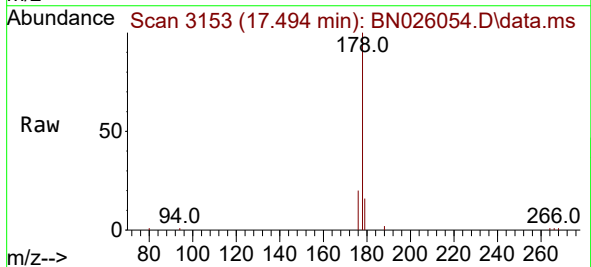
Instrument :
 BNA_N
 ClientSampleId :
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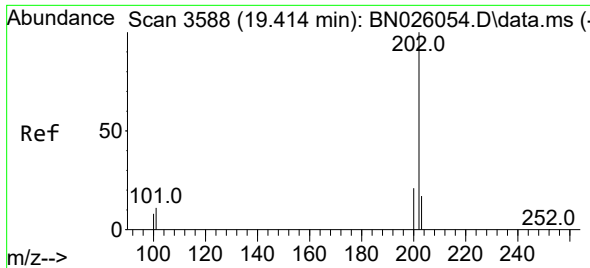
Tgt Ion:	178	Resp:	22039
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	19.6	15.8	23.6



#16
 Anthracene
 Concen: 0.362 ng/ul
 RT: 17.494 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: BN026054.D
 Acq: 28 Jun 2023 12:33

Tgt Ion:	178	Resp:	18712
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.6	18.8
176	19.8	15.1	22.7





#19

Fluoranthene

Concen: 0.429 ng/ul

RT: 19.414 min Scan# 3588

Delta R.T. 0.000 min

Lab File: BN026054.D

Acq: 28 Jun 2023 12:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4316

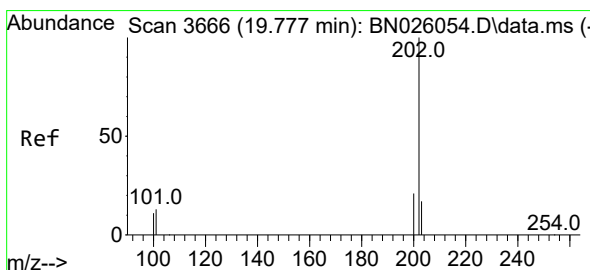
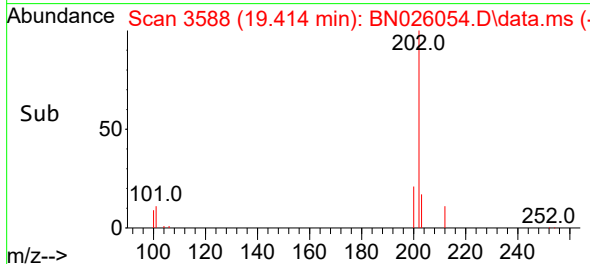
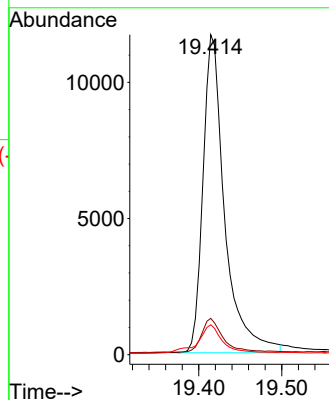
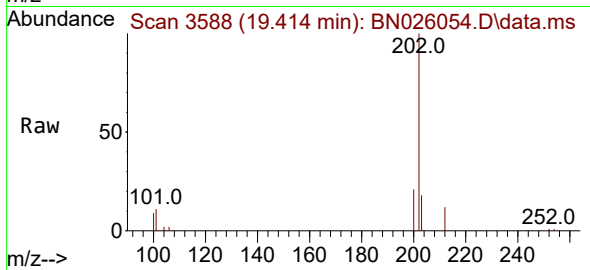
Tgt Ion:202 Resp: 21265

Ion Ratio Lower Upper

202 100

101 11.3 9.5 14.3

100 9.4 7.3 10.9



#20

Pyrene

Concen: 0.425 ng/ul

RT: 19.777 min Scan# 3666

Delta R.T. 0.000 min

Lab File: BN026054.D

Acq: 28 Jun 2023 12:33

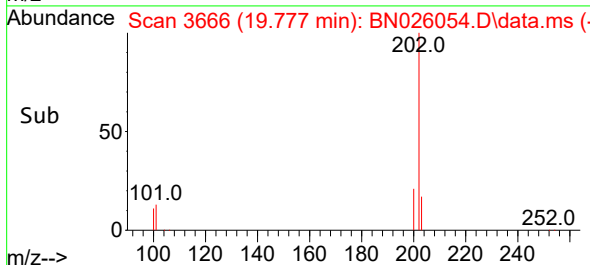
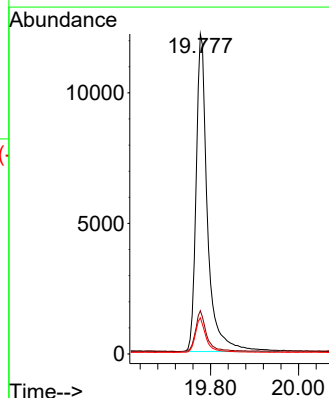
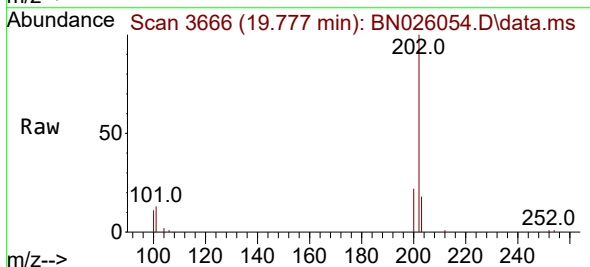
Tgt Ion:202 Resp: 21914

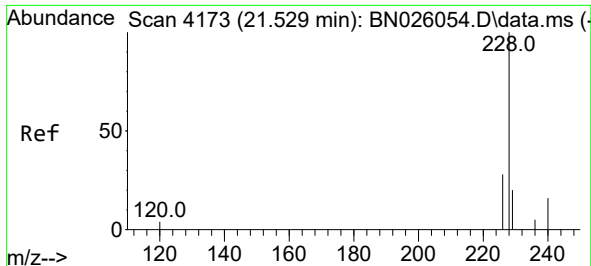
Ion Ratio Lower Upper

202 100

101 13.5 11.4 17.0

100 11.3 9.1 13.7

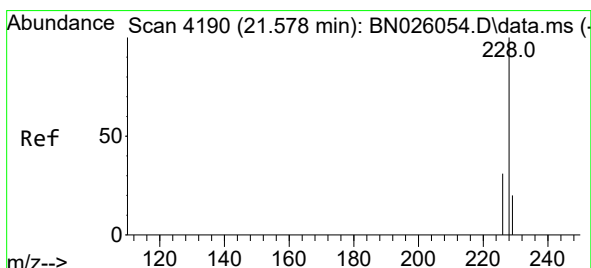
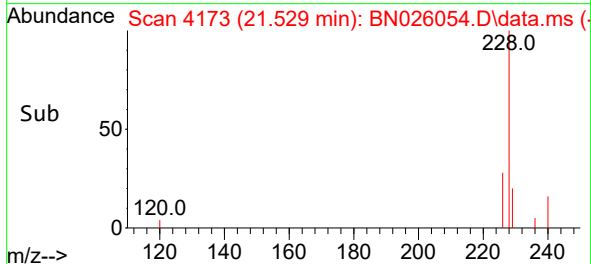
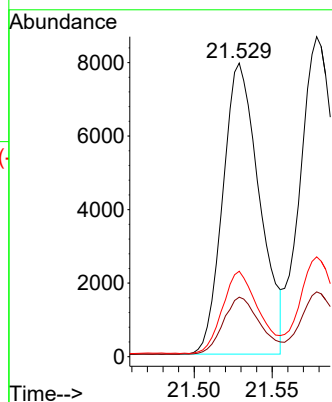
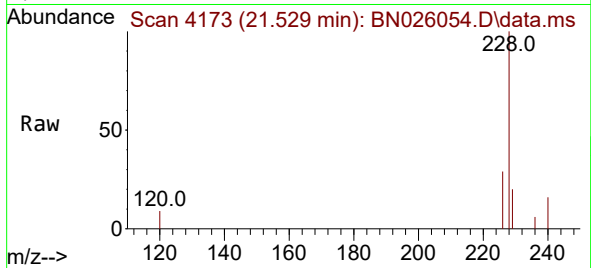




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

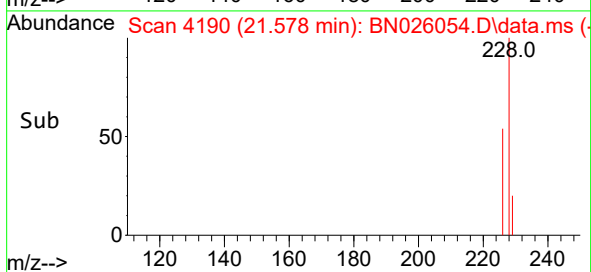
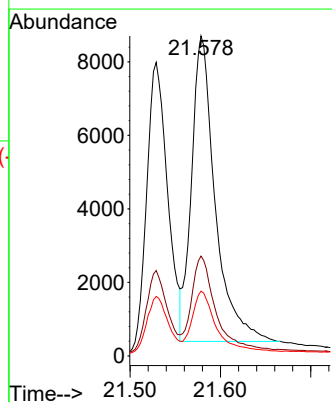
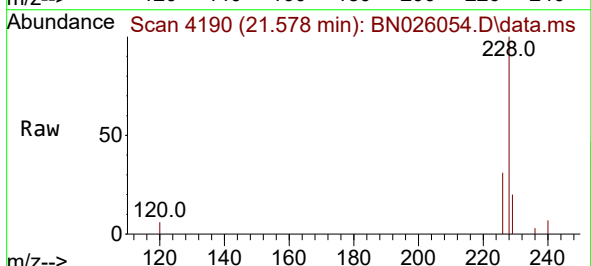
Instrument :
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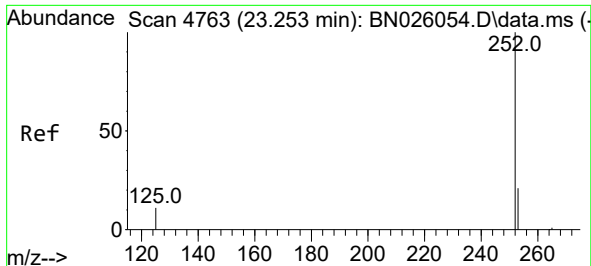
Tgt Ion:228 Resp: 12959
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 29.1 22.5 33.7



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

Tgt Ion:228 Resp: 15093
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 20.2 15.7 23.5

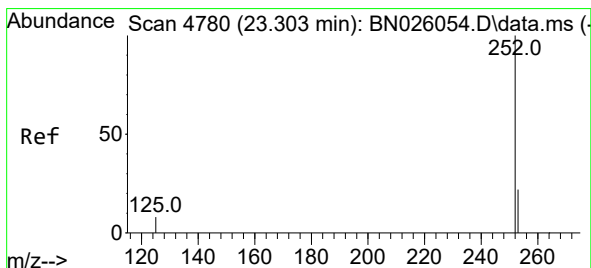
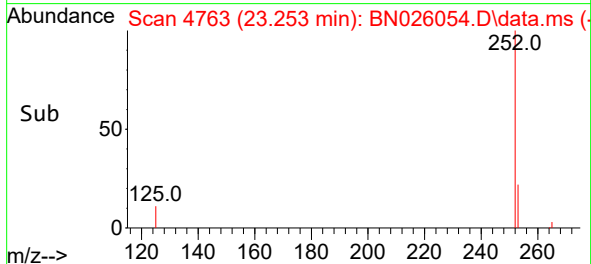
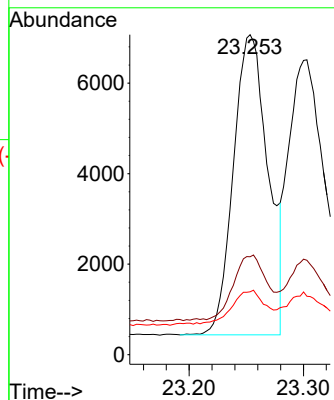
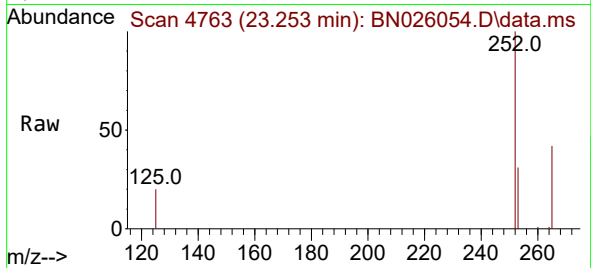




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.253 min Scan# 4763
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

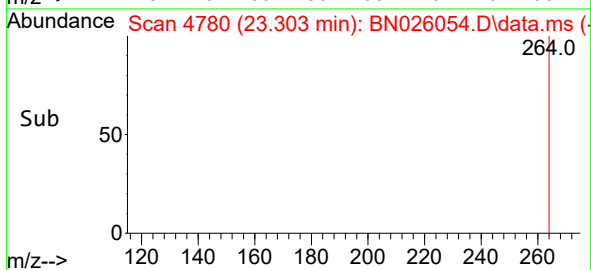
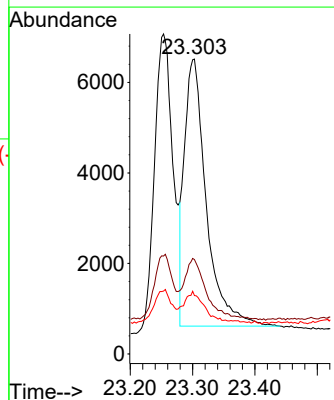
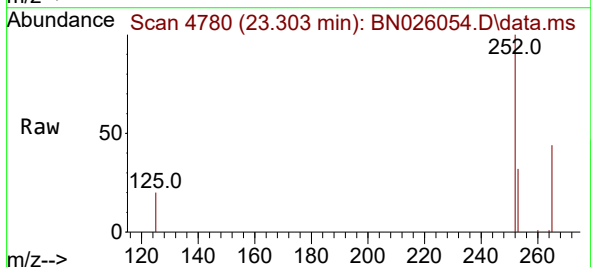
Instrument :
BNA_N
ClientSampleId :
SSTD0.4316

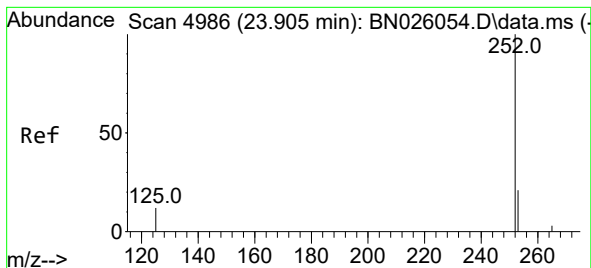
Tgt Ion:252 Resp: 13927
Ion Ratio Lower Upper
252 100
253 30.6 0.0 55.6
125 19.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.303 min Scan# 4780
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

Tgt Ion:252 Resp: 14380
Ion Ratio Lower Upper
252 100
253 32.0 23.2 34.8
125 19.8 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.905 min Scan# 4986

Delta R.T. 0.000 min

Lab File: BN026054.D

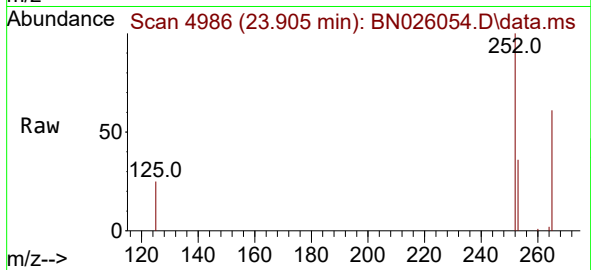
Acq: 28 Jun 2023 12:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4316



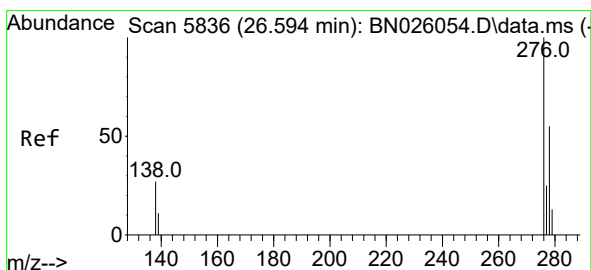
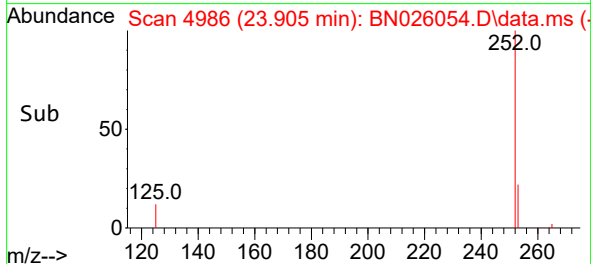
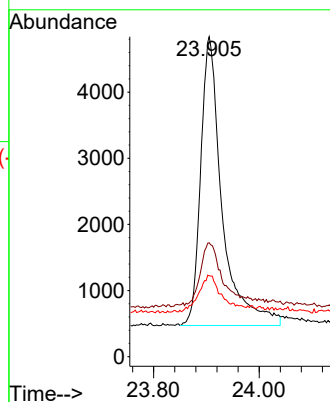
Tgt Ion:252 Resp: 12290

Ion Ratio Lower Upper

252 100

253 35.6 26.0 39.0

125 25.3 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.443 ng/ul

RT: 26.594 min Scan# 5836

Delta R.T. 0.000 min

Lab File: BN026054.D

Acq: 28 Jun 2023 12:33

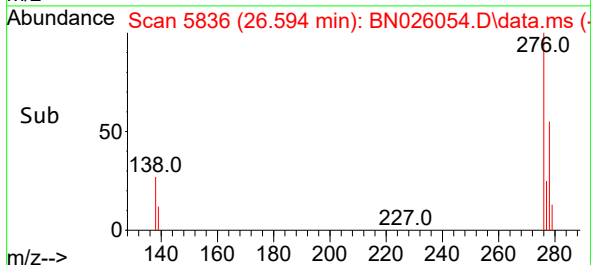
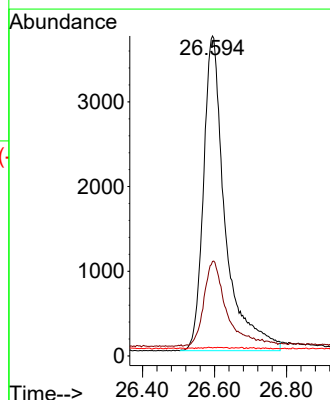
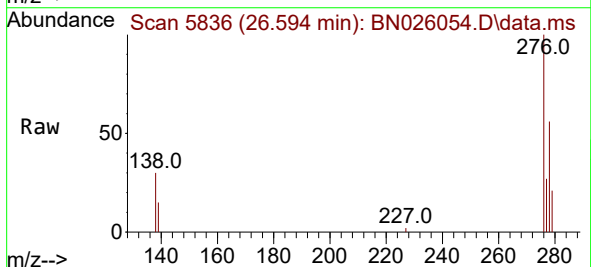
Tgt Ion:276 Resp: 15600

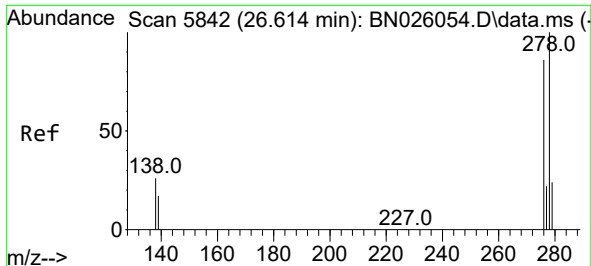
Ion Ratio Lower Upper

276 100

138 28.2 24.5 36.7

227 0.1 0.0 0.0#

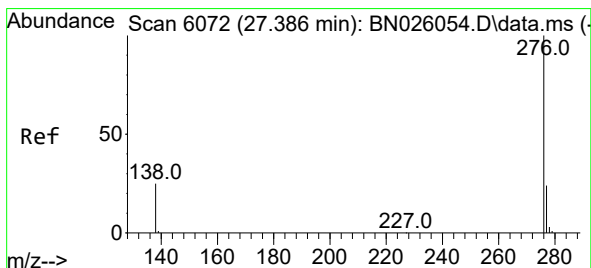
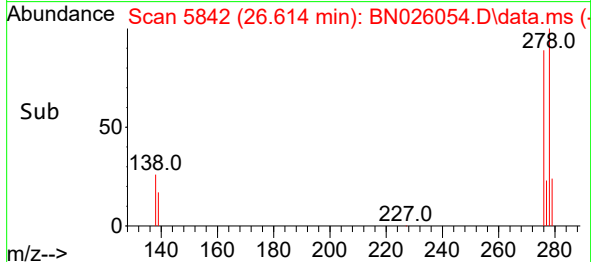
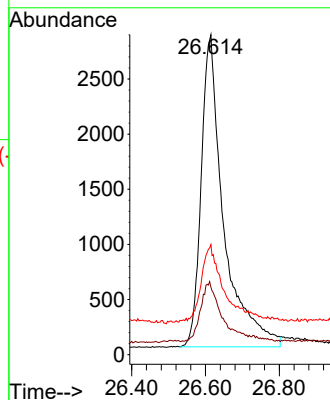
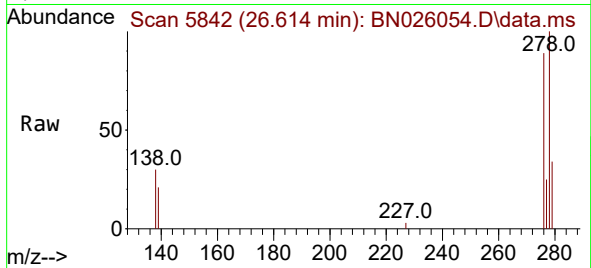




#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.614 min Scan# 5842
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.4316

Tgt Ion:278 Resp: 11947
Ion Ratio Lower Upper
278 100
139 21.1 19.0 28.4
279 34.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.455 ng/ul
RT: 27.386 min Scan# 6072
Delta R.T. 0.000 min
Lab File: BN026054.D
Acq: 28 Jun 2023 12:33

Tgt Ion:276 Resp: 14249
Ion Ratio Lower Upper
276 100
138 28.3 23.4 35.0
277 26.1 20.0 30.0

