

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027699.D
 Acq On : 15 Sep 2023 17:45
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4263

Quant Time: Sep 16 01:31:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 01:11:24 2023
 Response via : Initial Calibration

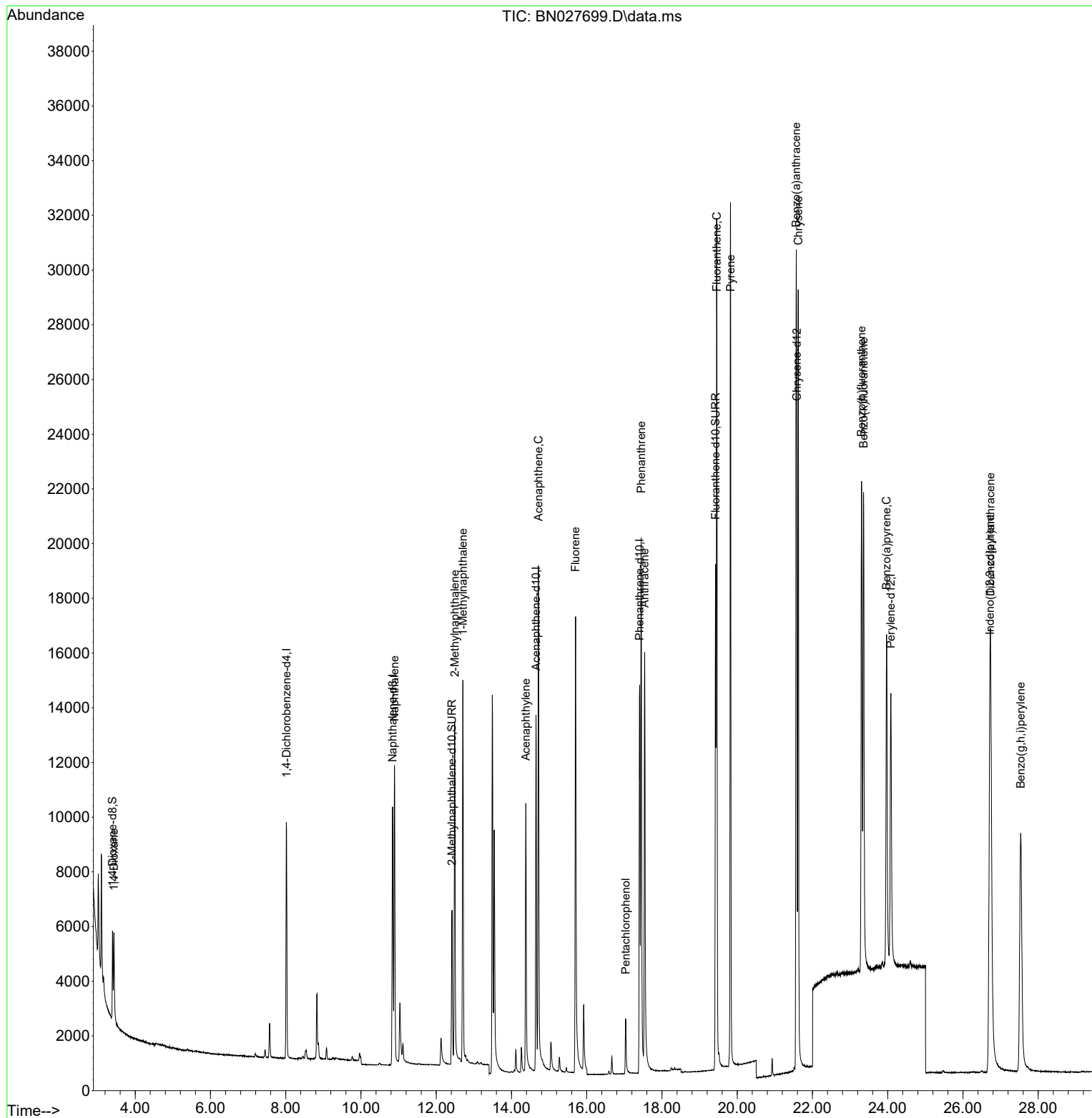
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	4579	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	13804	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	7775	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	19132	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	17336	0.400	ng/ul	0.00
23) Perylene-d12	24.085	264	16000	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	2358	0.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	8146	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	21400	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	2442	0.407	ng/ul#	74
5) Naphthalene	10.889	128	15549	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.489	142	9650	0.385	ng/ul	99
8) 1-Methylnaphthalene	12.709	142	10102	0.391	ng/ul	99
10) Acenaphthylene	14.384	152	13490	0.397	ng/ul	99
11) Acenaphthene	14.717	153	11818	0.403	ng/ul	100
12) Fluorene	15.702	166	13748	0.398	ng/ul	99
14) Pentachlorophenol	17.033	266	1598	0.357	ng/ul	99
15) Phenanthrene	17.447	178	23922	0.398	ng/ul	99
16) Anthracene	17.540	178	19845	0.394	ng/ul	100
19) Fluoranthene	19.455	202	28058	0.400	ng/ul	99
20) Pyrene	19.822	202	28783	0.399	ng/ul	99
21) Benzo(a)anthracene	21.565	228	25954	0.387	ng/ul	99
22) Chrysene	21.621	228	27176	0.392	ng/ul	99
24) Benzo(b)fluoranthene	23.305	252	26635	0.373	ng/ul	99
25) Benzo(k)fluoranthene	23.357	252	27297	0.395	ng/ul	99
26) Benzo(a)pyrene	23.968	252	22263	0.388	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.713	276	28248	0.384	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.733	278	22695	0.383	ng/ul	99
29) Benzo(g,h,i)perylene	27.535	276	24362	0.390	ng/ul	99

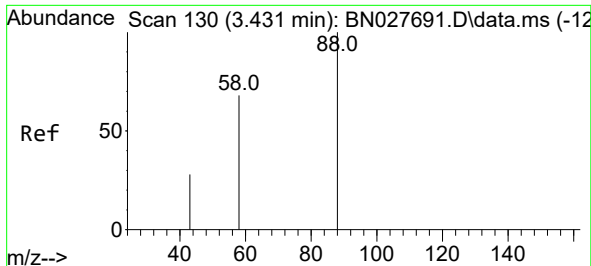
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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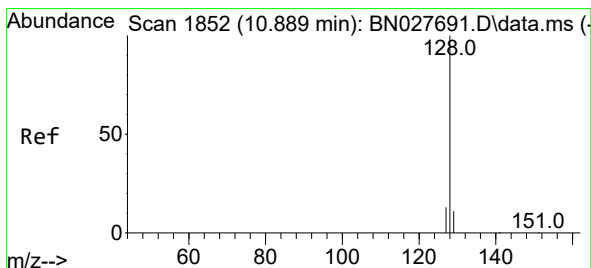
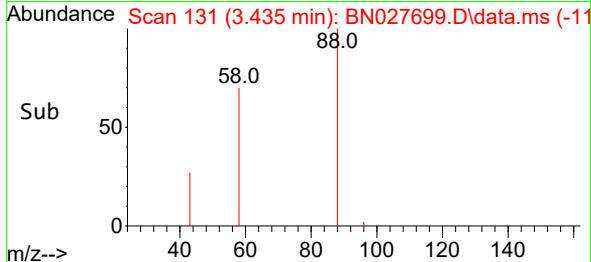
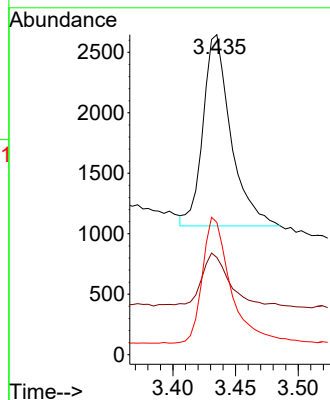
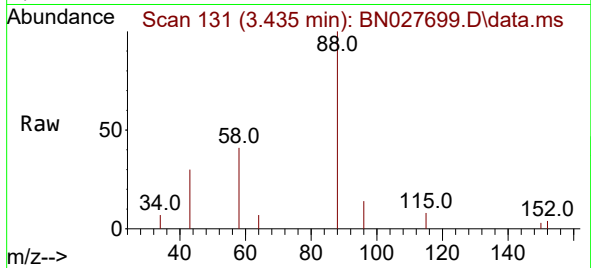




#2
1,4-Dioxane
Concen: 0.407 ng/ul
RT: 3.435 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

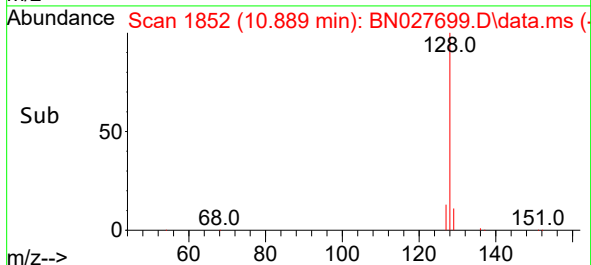
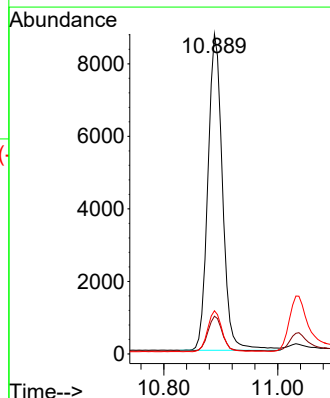
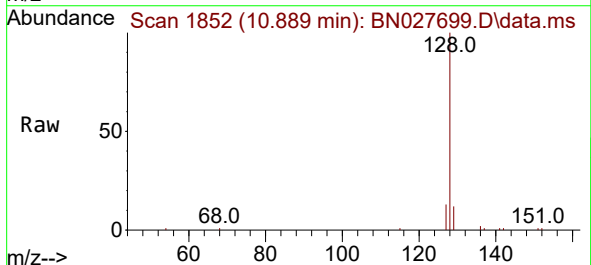
Instrument :
BNA_N
ClientSampleId :
SSTD0.4263

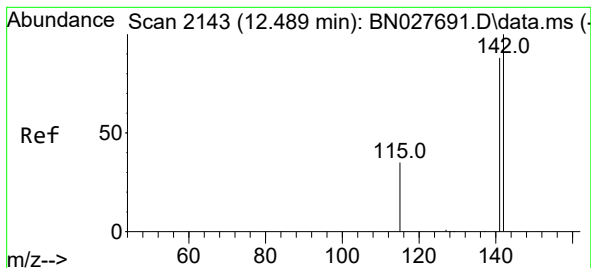
Tgt Ion: 88 Resp: 2442
Ion Ratio Lower Upper
88 100
43 30.4 39.6 59.4#
58 41.4 48.3 72.5#



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Tgt Ion: 128 Resp: 15549
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.7 16.1

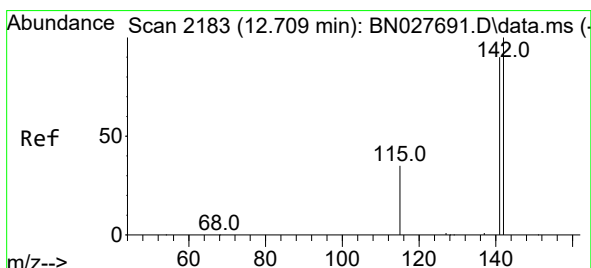
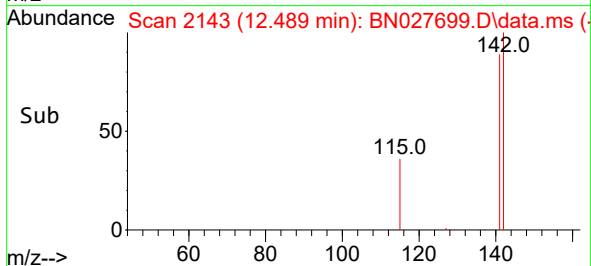
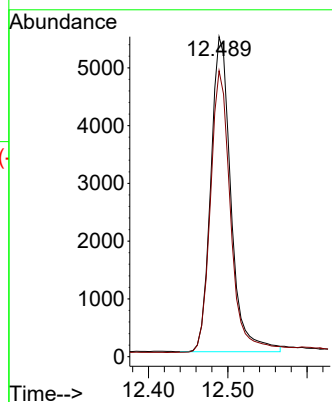
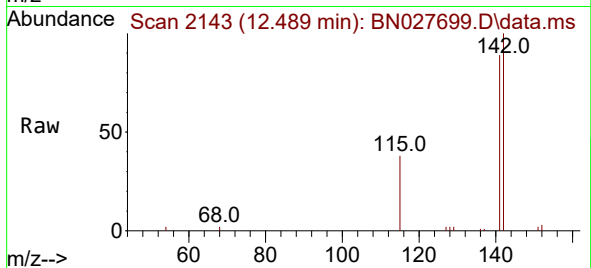




#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

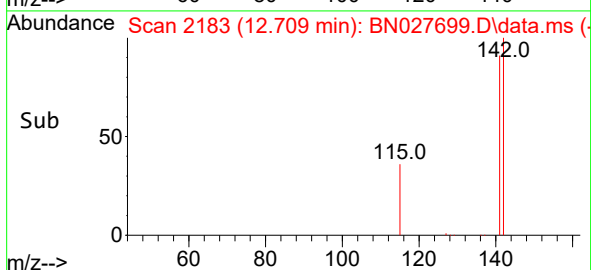
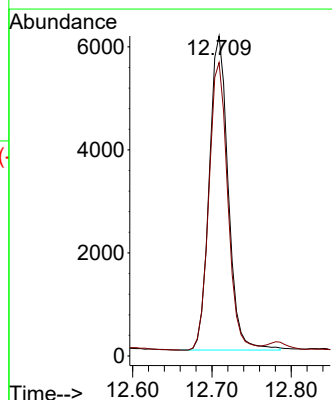
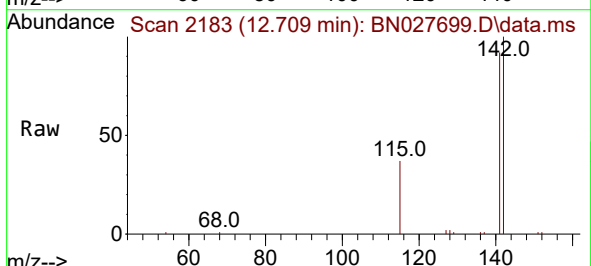
Instrument :
BNA_N
ClientSampleId :
SSTD0.4263

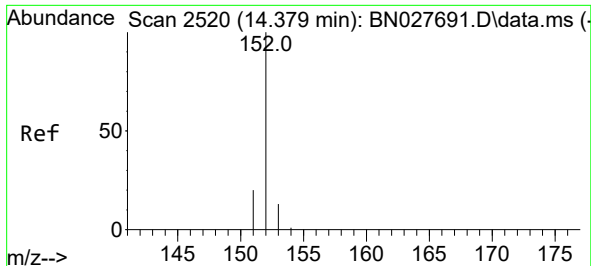
Tgt Ion:142 Resp: 9650
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.709 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Tgt Ion:142 Resp: 10102
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2

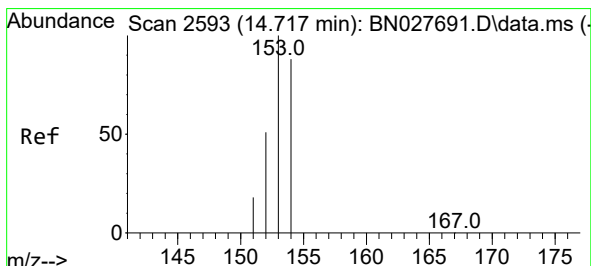
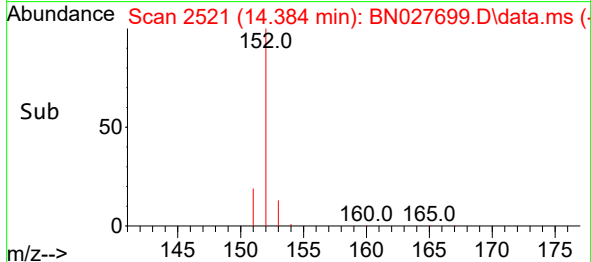
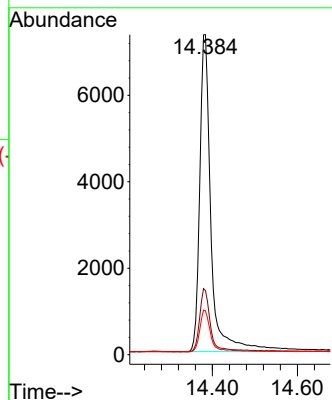
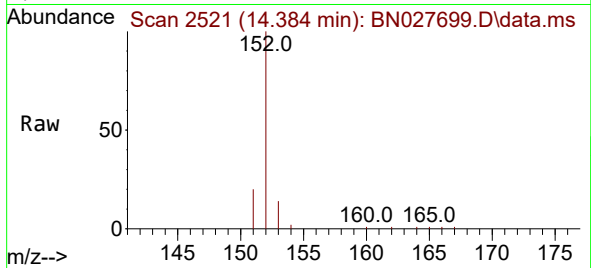




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.384 min Scan# 2521
Delta R.T. 0.005 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

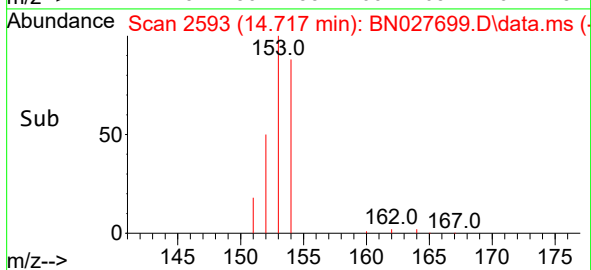
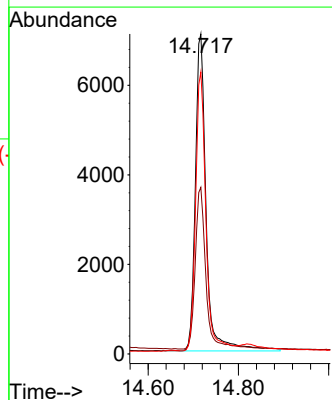
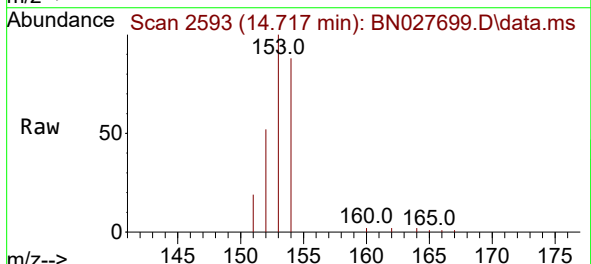
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ClientSampleId :
SSTD0.4263

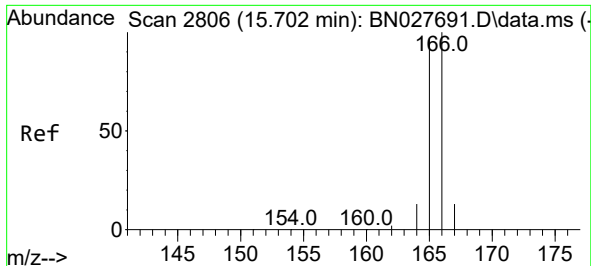
Tgt Ion:152 Resp: 13490
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 13.7 11.0 16.6



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.717 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Tgt Ion:153 Resp: 11818
Ion Ratio Lower Upper
153 100
152 52.1 41.7 62.5
154 88.1 70.3 105.5

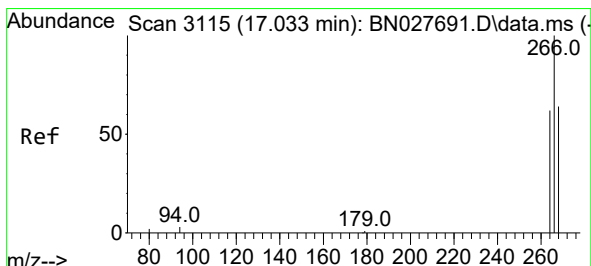
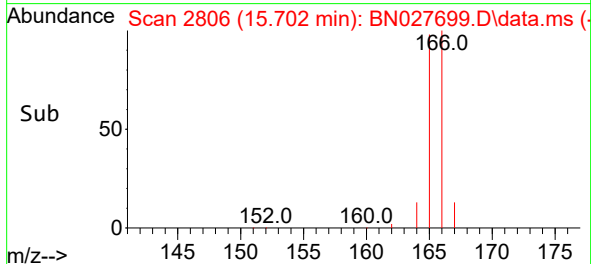
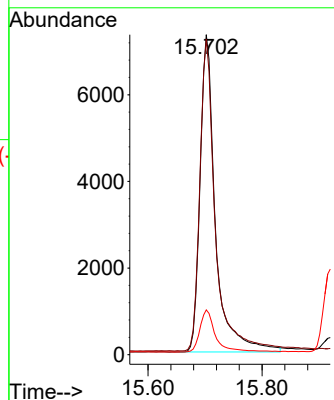
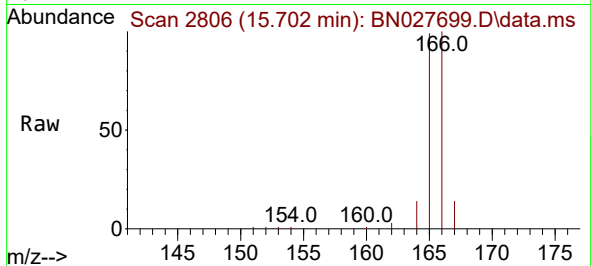




#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.702 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

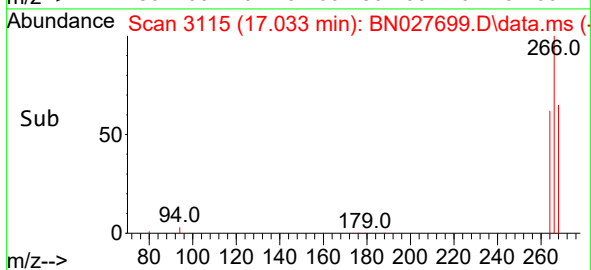
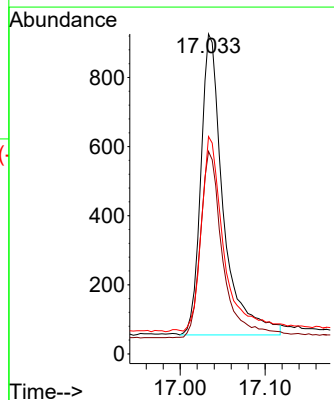
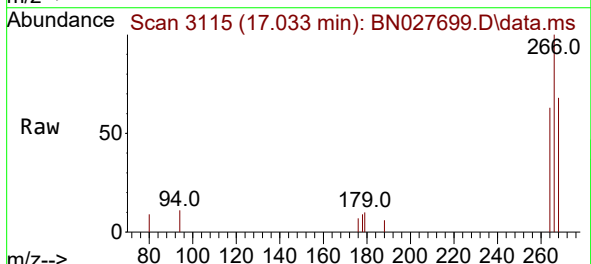
Instrument :
BNA_N
ClientSampleId :
SSTD0.4263

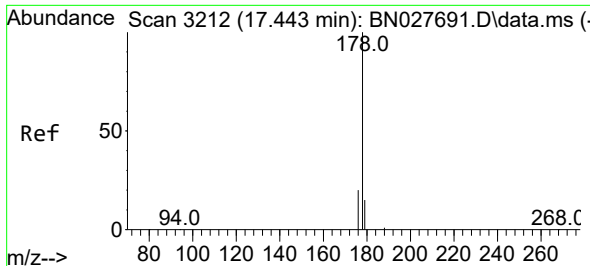
Tgt Ion:166 Resp: 13748
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 14.0 11.4 17.2



#14
Pentachlorophenol
Concen: 0.357 ng/ul
RT: 17.033 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Tgt Ion:266 Resp: 1598
Ion Ratio Lower Upper
266 100
264 61.8 49.6 74.4
268 64.2 50.7 76.1

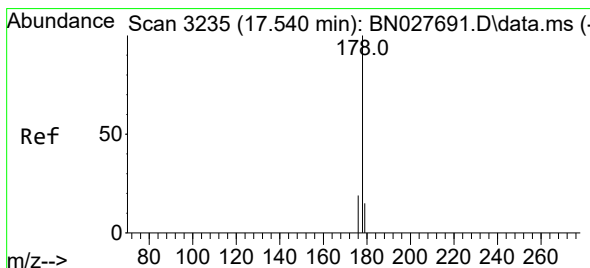
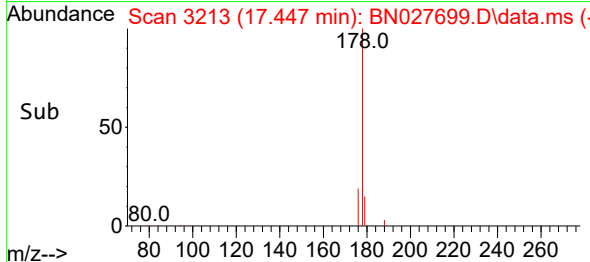
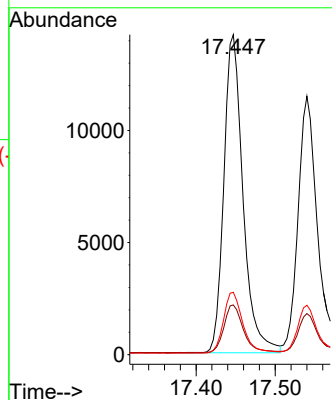
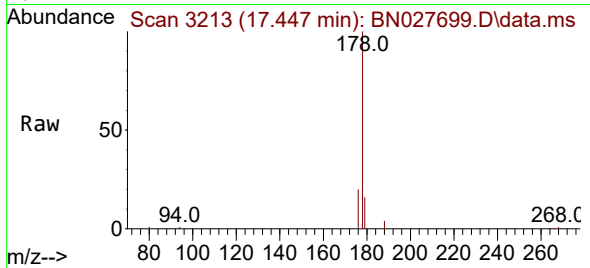




#15
Phenanthrene
Concen: 0.398 ng/ul
RT: 17.447 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

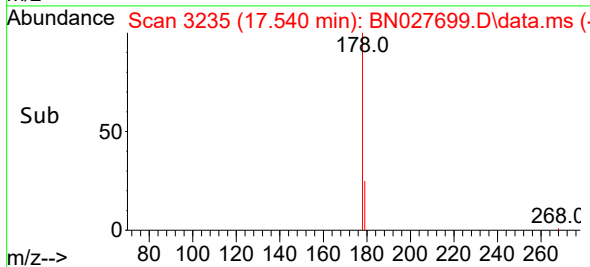
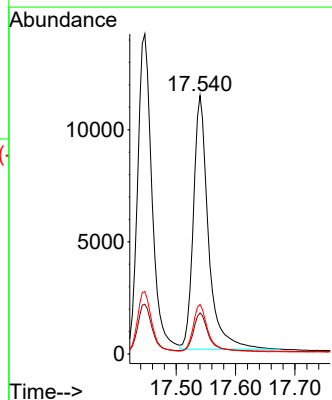
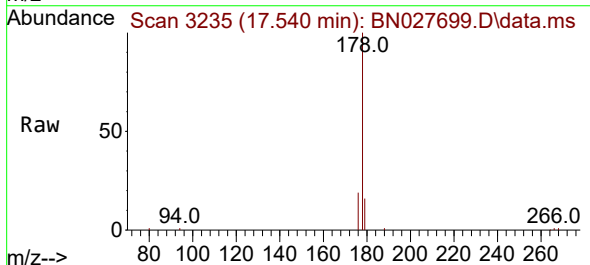
Instrument :
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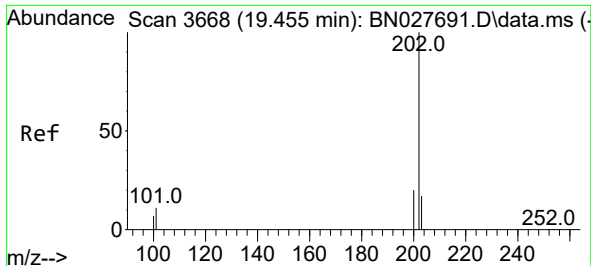
Tgt Ion:178 Resp: 23922
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.540 min Scan# 3235
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Tgt Ion:178 Resp: 19845
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.2 15.5 23.3





#19

Fluoranthene

Concen: 0.400 ng/ul

RT: 19.455 min Scan# 3668

Delta R.T. -0.000 min

Lab File: BN027699.D

Acq: 15 Sep 2023 17:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.4263

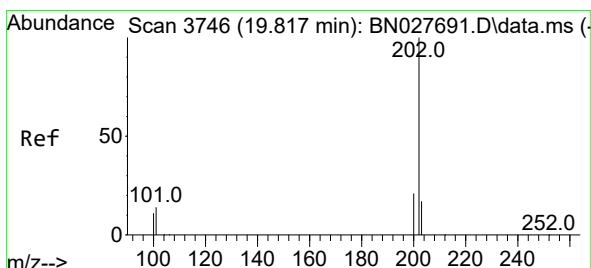
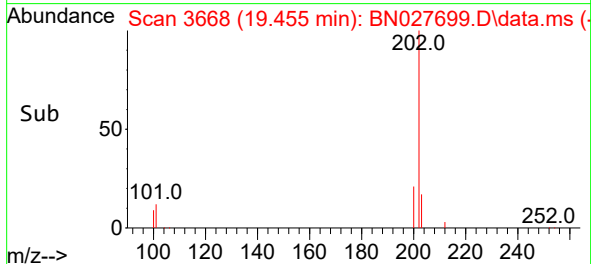
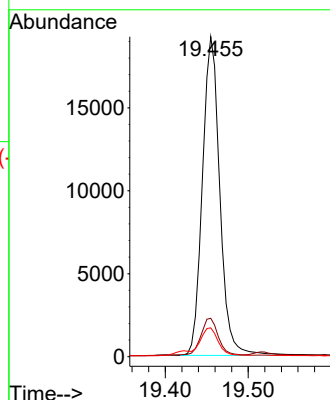
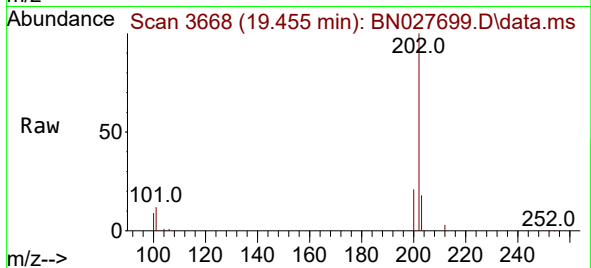
Tgt Ion:202 Resp: 28058

Ion Ratio Lower Upper

202 100

101 12.0 9.3 13.9

100 9.0 7.0 10.4



#20

Pyrene

Concen: 0.399 ng/ul

RT: 19.822 min Scan# 3747

Delta R.T. 0.005 min

Lab File: BN027699.D

Acq: 15 Sep 2023 17:45

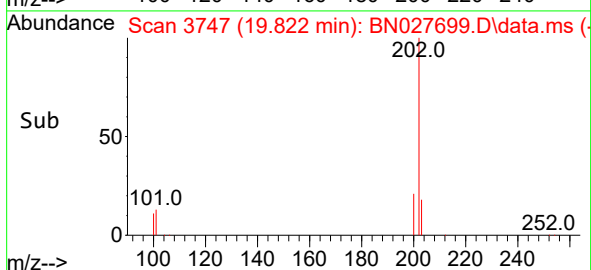
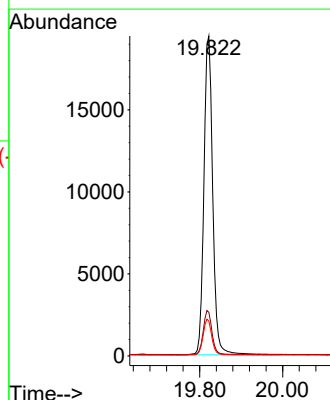
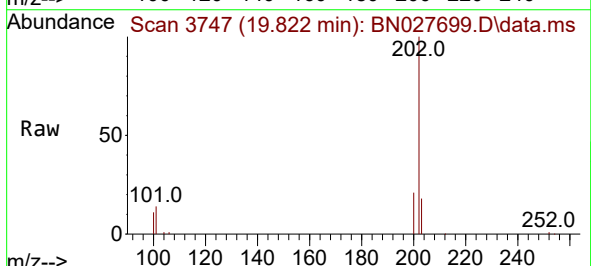
Tgt Ion:202 Resp: 28783

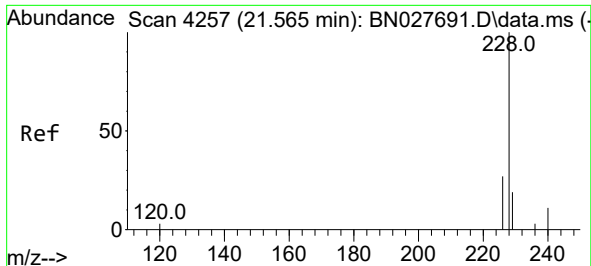
Ion Ratio Lower Upper

202 100

101 13.6 11.4 17.0

100 10.9 9.1 13.7

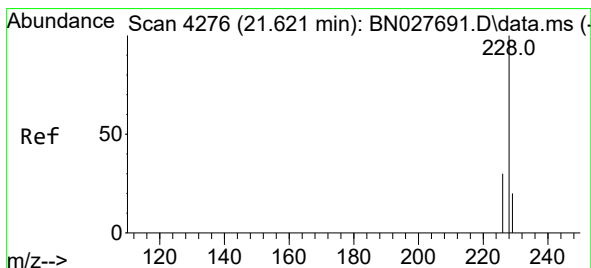
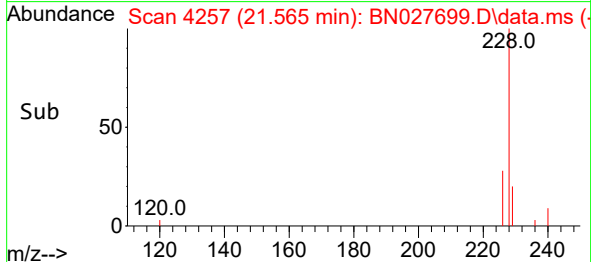
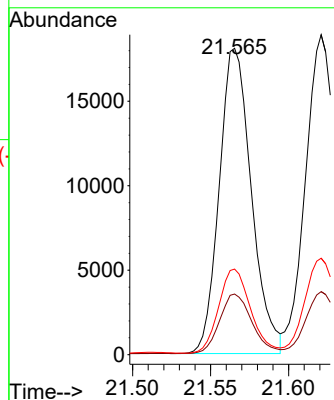
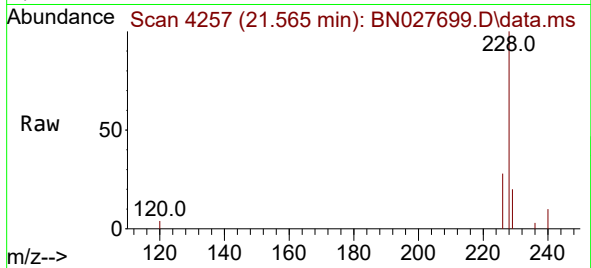




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.565 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

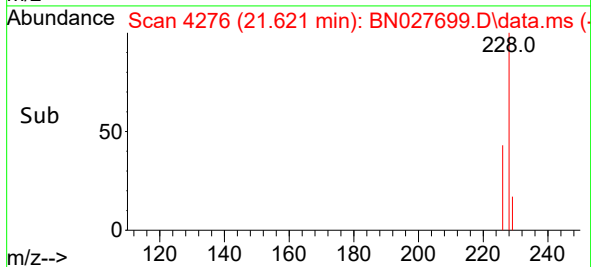
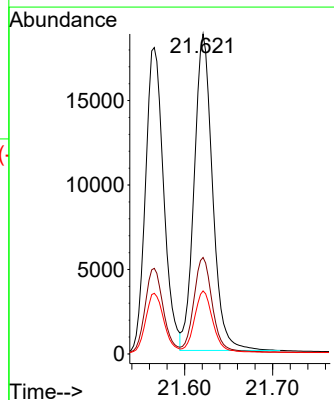
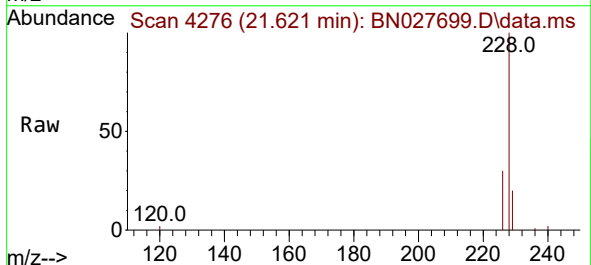
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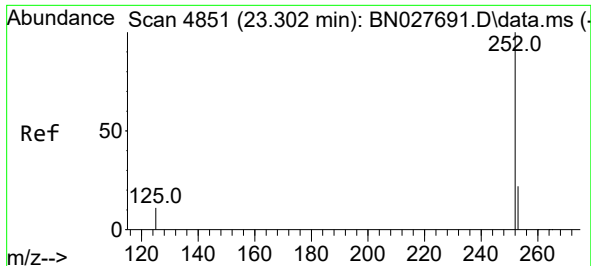
Tgt Ion:228 Resp: 25954
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 28.0 22.0 33.0



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

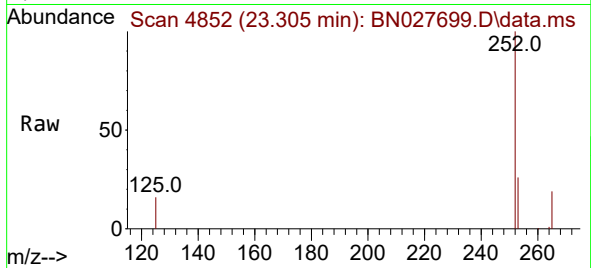
Tgt Ion:228 Resp: 27176
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.7 16.0 24.0



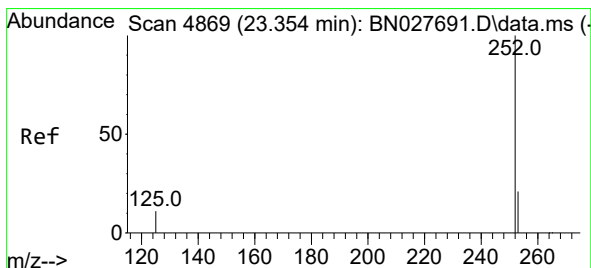
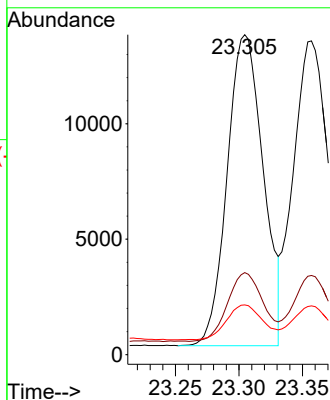


#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 23.305 min Scan# 4851
Delta R.T. 0.003 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.4263

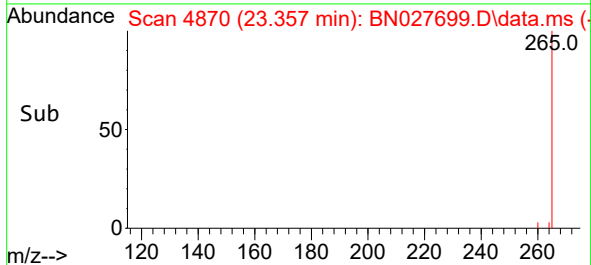
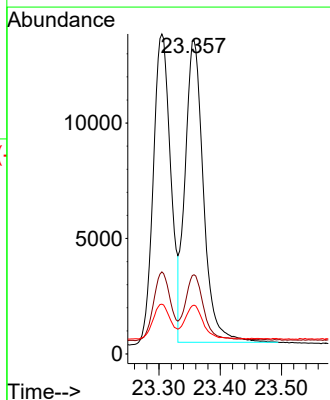
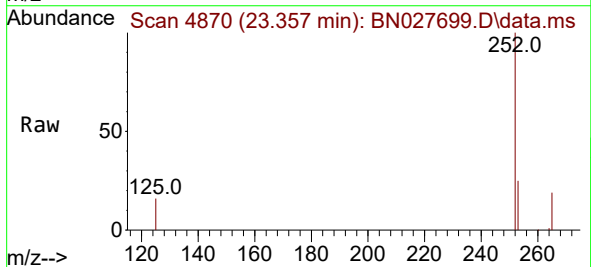


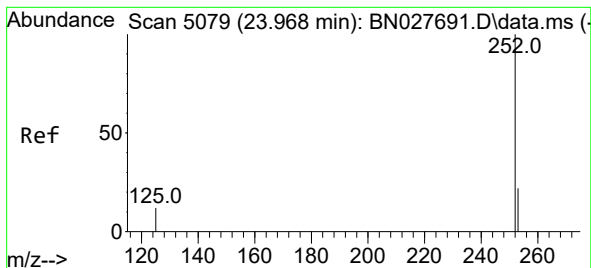
Tgt Ion:252 Resp: 26635
Ion Ratio Lower Upper
252 100
253 25.7 0.0 50.2
125 15.6 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 23.357 min Scan# 4870
Delta R.T. 0.003 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Tgt Ion:252 Resp: 27297
Ion Ratio Lower Upper
252 100
253 25.2 19.9 29.9
125 15.5 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.388 ng/ul

RT: 23.968 min Scan# 5079

Delta R.T. -0.000 min

Lab File: BN027699.D

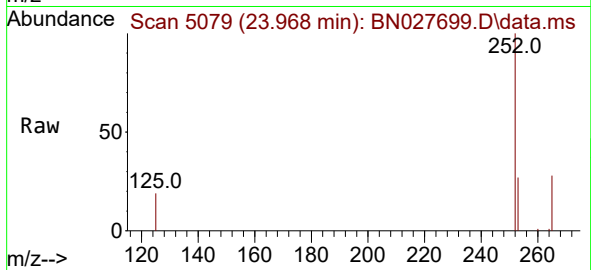
Acq: 15 Sep 2023 17:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.4263



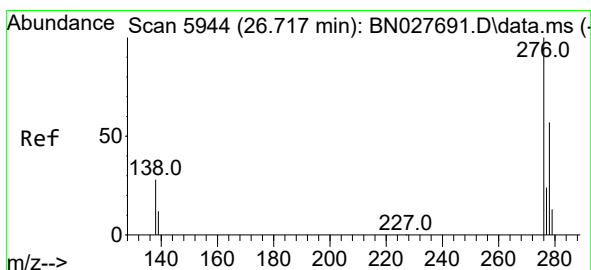
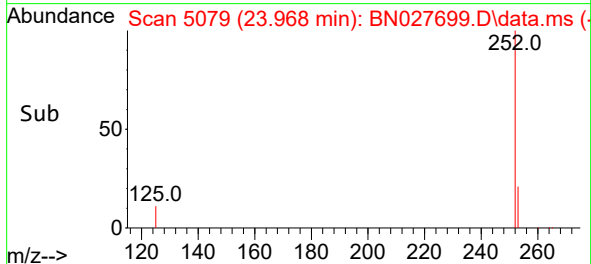
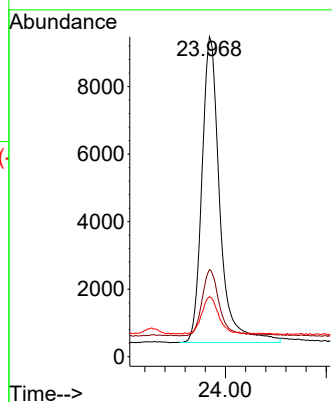
Tgt Ion:252 Resp: 22263

Ion Ratio Lower Upper

252 100

253 27.2 21.9 32.9

125 18.8 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

RT: 26.713 min Scan# 5943

Delta R.T. -0.003 min

Lab File: BN027699.D

Acq: 15 Sep 2023 17:45

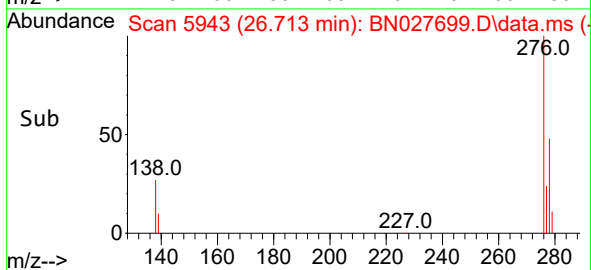
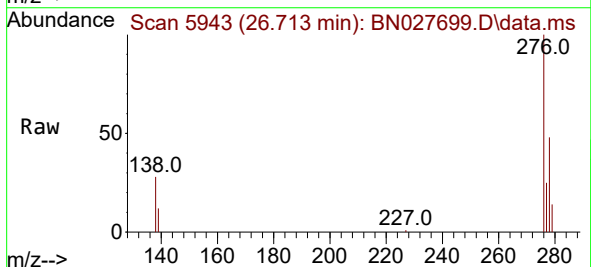
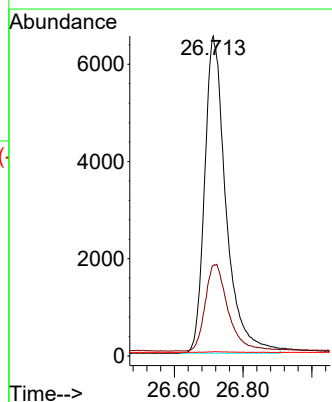
Tgt Ion:276 Resp: 28248

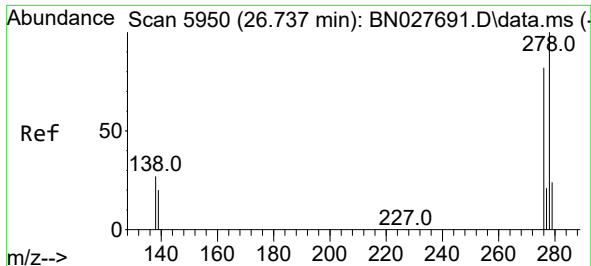
Ion Ratio Lower Upper

276 100

138 29.2 24.3 36.5

227 0.2 0.0 0.0#

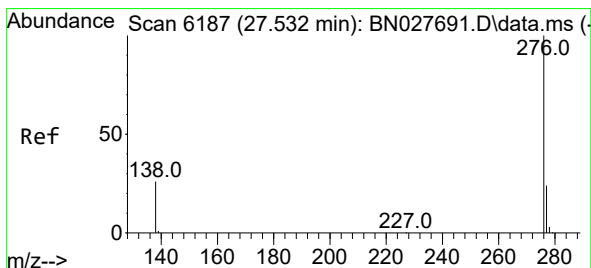
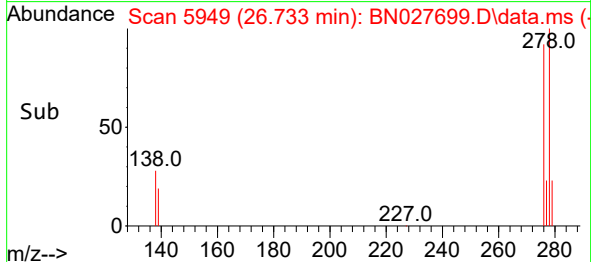
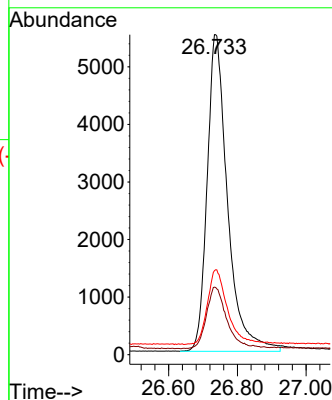
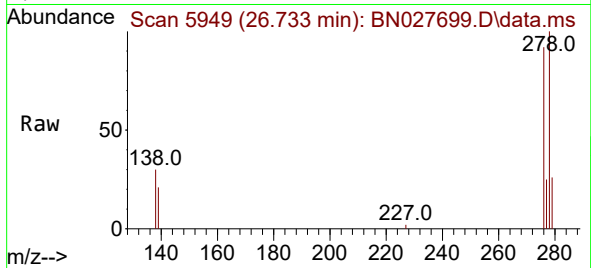




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 26.733 min Scan# 5949
Delta R.T. -0.003 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.4263

Tgt Ion: 278 Resp: 22695
Ion Ratio Lower Upper
278 100
139 21.1 17.2 25.8
279 26.3 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 27.535 min Scan# 6188
Delta R.T. 0.003 min
Lab File: BN027699.D
Acq: 15 Sep 2023 17:45

Tgt Ion: 276 Resp: 24362
Ion Ratio Lower Upper
276 100
138 26.5 21.7 32.5
277 24.9 20.2 30.2

