

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027099.D
 Acq On : 24 Aug 2023 16:11
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4253

Quant Time: Aug 25 03:50:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

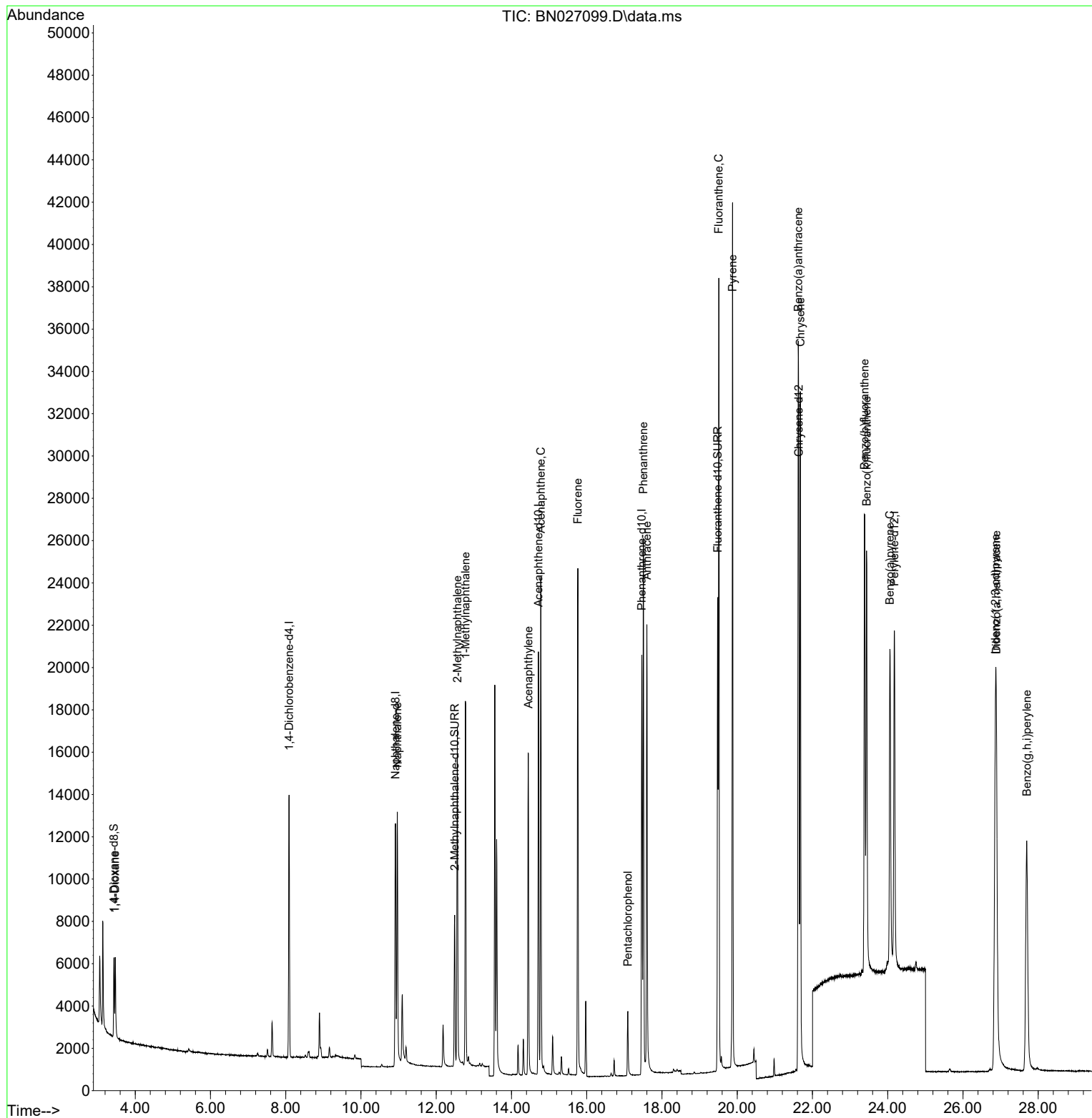
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	6374	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	17827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	11156	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	25418	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	21854	0.400	ng/ul	0.00
23) Perylene-d12	24.176	264	24217	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	2646	0.350	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	9935	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	24930	0.361	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.469	88	2777	0.359	ng/ul#	89
5) Naphthalene	10.966	128	17060	0.339	ng/ul	99
7) 2-Methylnaphthalene	12.561	142	11701	0.383	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	12417	0.389	ng/ul	100
10) Acenaphthylene	14.449	152	18872	0.302	ng/ul	100
11) Acenaphthene	14.777	153	14379	0.332	ng/ul	98
12) Fluorene	15.762	166	16418	0.336	ng/ul	99
14) Pentachlorophenol	17.092	266	2279	0.317	ng/ul	100
15) Phenanthrene	17.506	178	27323	0.327	ng/ul	100
16) Anthracene	17.599	178	24159	0.320	ng/ul	100
19) Fluoranthene	19.510	202	32436	0.357	ng/ul	97
20) Pyrene	19.877	202	33912	0.350	ng/ul	98
21) Benzo(a)anthracene	21.621	228	29198	0.336	ng/ul	99
22) Chrysene	21.676	228	29976	0.349	ng/ul	99
24) Benzo(b)fluoranthene	23.383	252	31891	0.348	ng/ul	96
25) Benzo(k)fluoranthene	23.439	252	31465	0.348	ng/ul#	94
26) Benzo(a)pyrene	24.059	252	27818	0.337	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.861	276	34054	0.315	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.887	278	26464	0.307	ng/ul	98
29) Benzo(g,h,i)perylene	27.696	276	28712	0.319	ng/ul	98

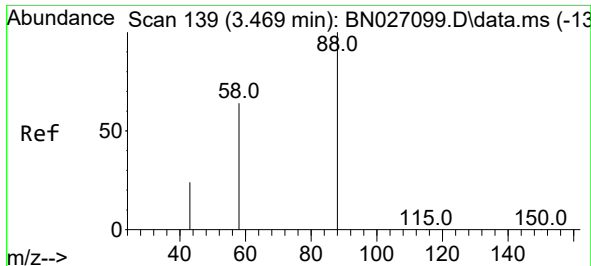
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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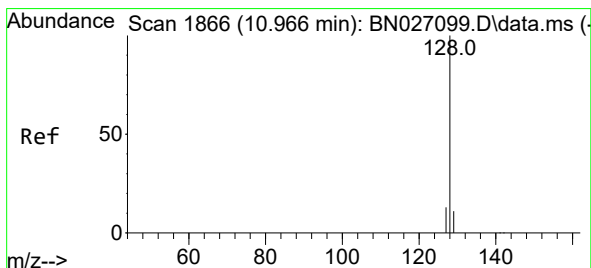
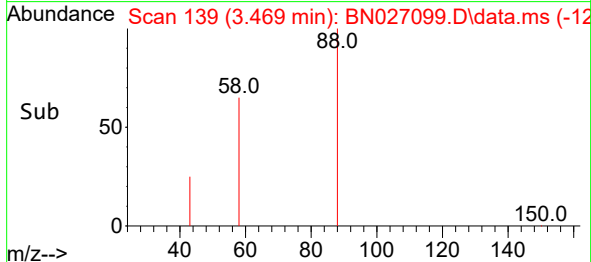
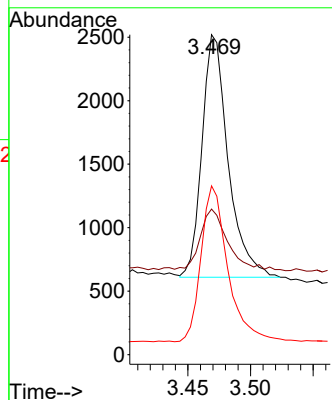
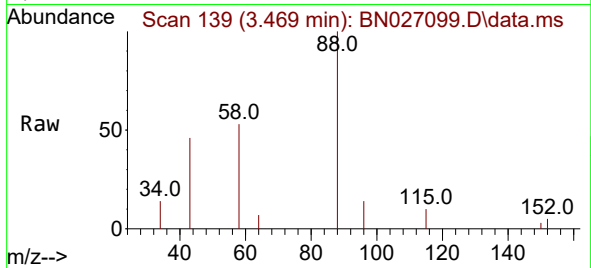




#2
1,4-Dioxane
Concen: 0.359 ng/ul
RT: 3.469 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

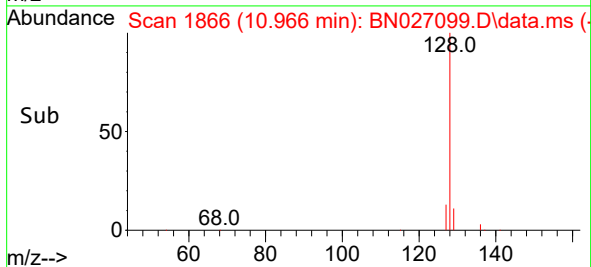
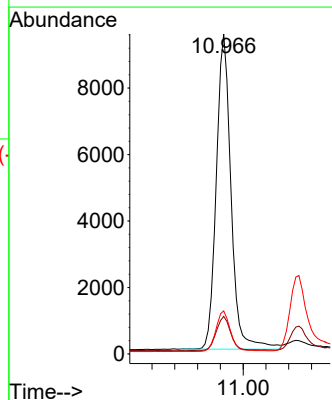
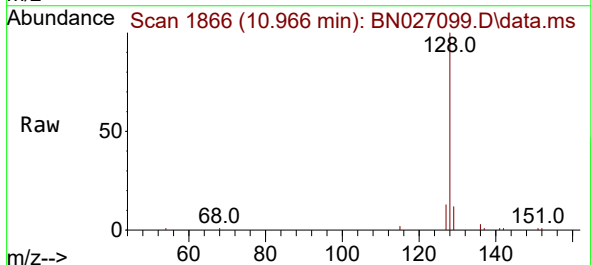
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

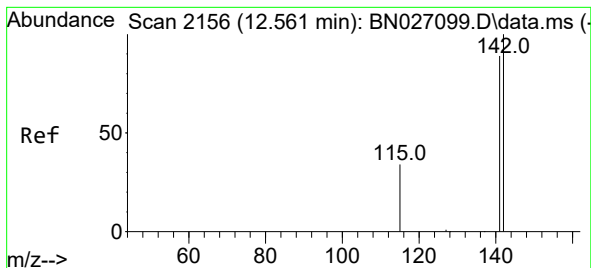
Tgt Ion: 88 Resp: 2777
Ion Ratio Lower Upper
88 100
43 45.5 28.0 42.0#
58 52.7 46.0 69.0



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.005 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

Tgt Ion:128 Resp: 17060
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 10.5 15.7

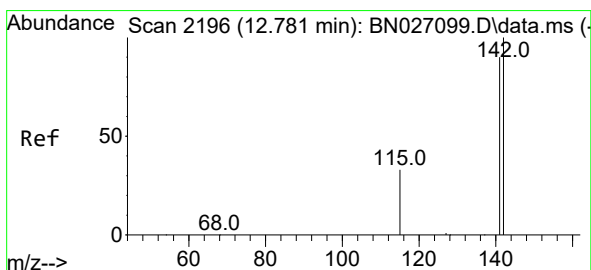
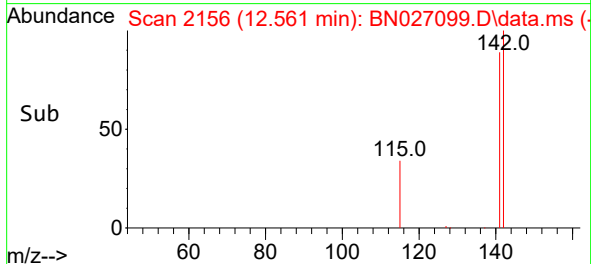
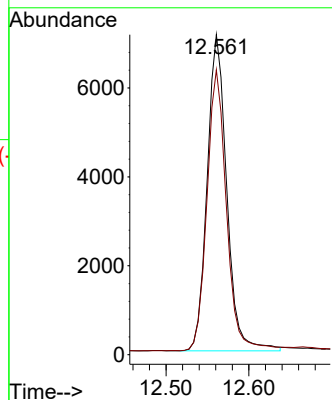
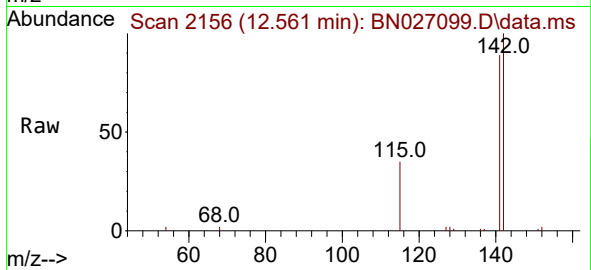




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.561 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

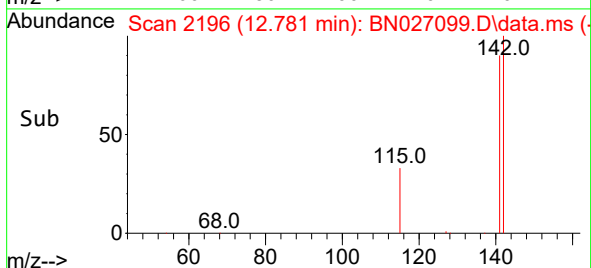
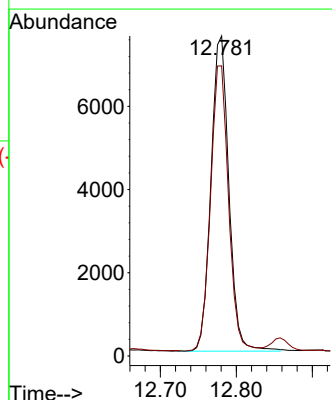
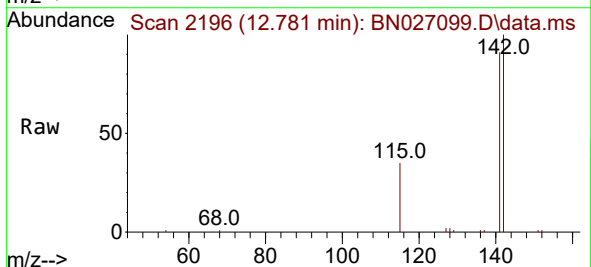
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

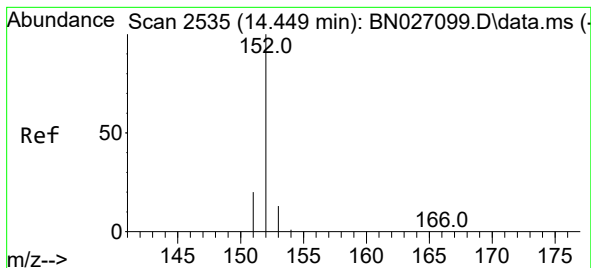
Tgt Ion:142 Resp: 11701
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

Tgt Ion:142 Resp: 12417
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8





#10

Acenaphthylene

Concen: 0.302 ng/ul

RT: 14.449 min Scan# 2535

Delta R.T. -0.005 min

Lab File: BN027099.D

Acq: 24 Aug 2023 16:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.4253

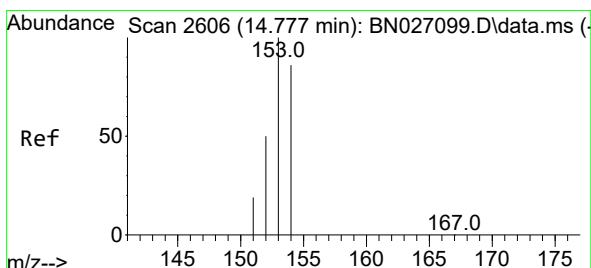
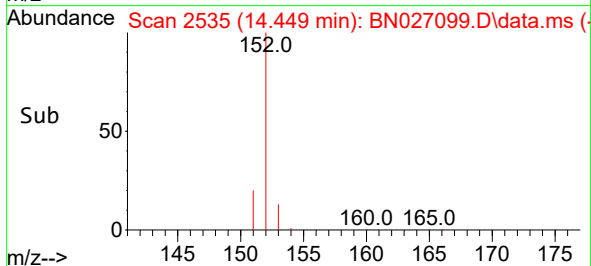
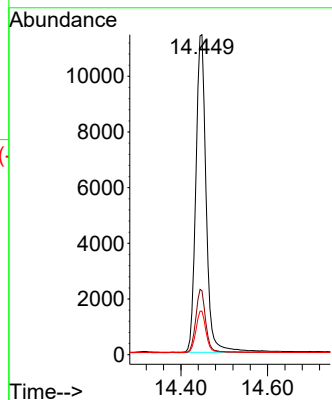
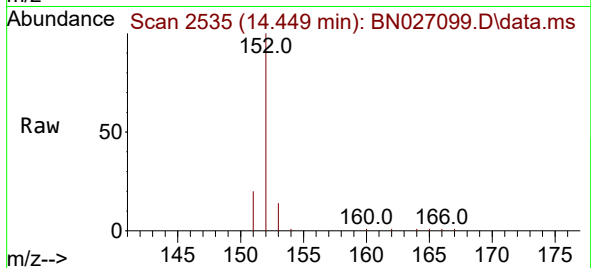
Tgt Ion:152 Resp: 18872

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.6 11.0 16.6



#11

Acenaphthene

Concen: 0.332 ng/ul

RT: 14.777 min Scan# 2606

Delta R.T. -0.009 min

Lab File: BN027099.D

Acq: 24 Aug 2023 16:11

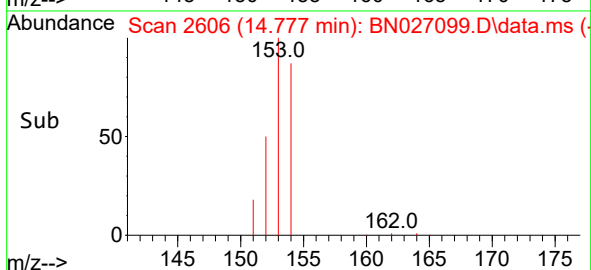
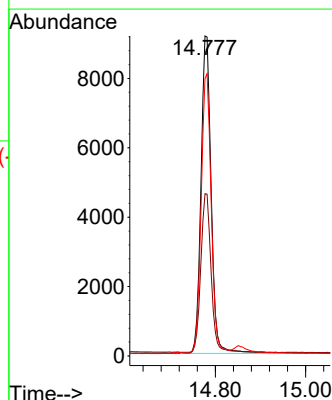
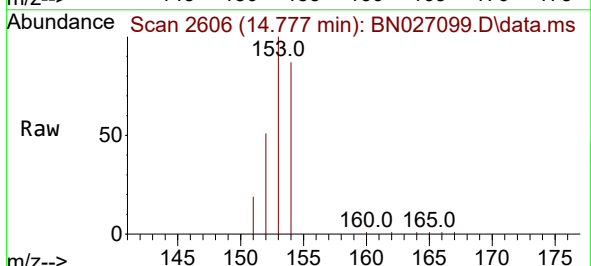
Tgt Ion:153 Resp: 14379

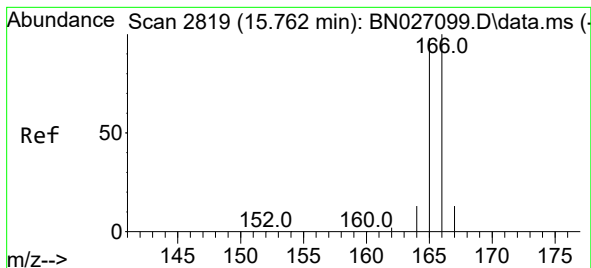
Ion Ratio Lower Upper

153 100

152 50.7 41.1 61.7

154 86.7 71.6 107.4





#12

Fluorene

Concen: 0.336 ng/ul

RT: 15.762 min Scan# 2819

Delta R.T. -0.005 min

Lab File: BN027099.D

Acq: 24 Aug 2023 16:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.4253

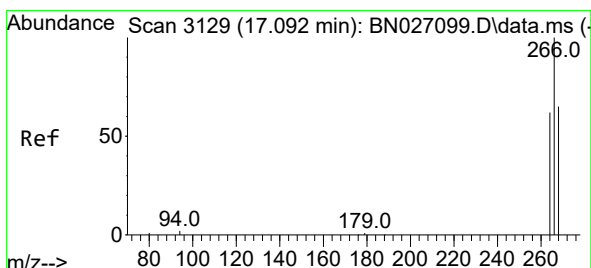
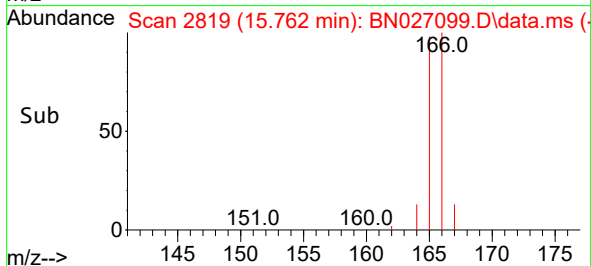
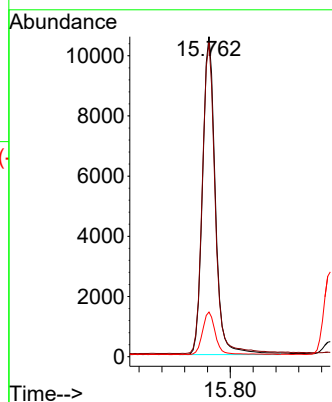
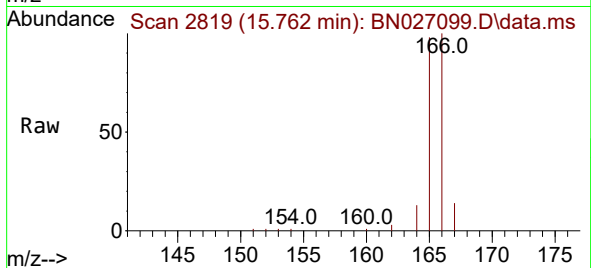
Tgt Ion:166 Resp: 16418

Ion Ratio Lower Upper

166 100

165 98.2 79.1 118.7

167 14.0 11.4 17.0



#14

Pentachlorophenol

Concen: 0.317 ng/ul

RT: 17.092 min Scan# 3129

Delta R.T. -0.005 min

Lab File: BN027099.D

Acq: 24 Aug 2023 16:11

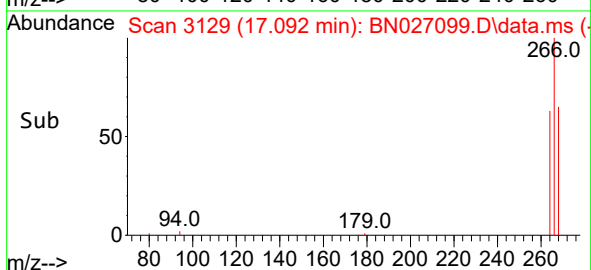
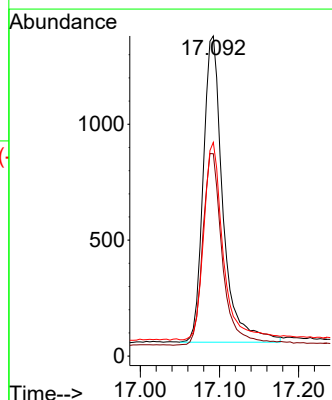
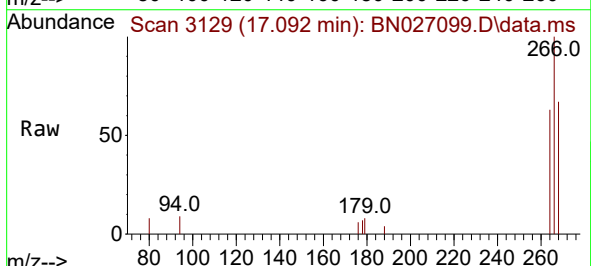
Tgt Ion:266 Resp: 2279

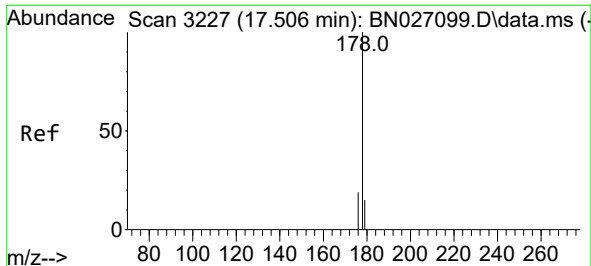
Ion Ratio Lower Upper

266 100

264 62.7 50.4 75.6

268 63.8 51.2 76.8

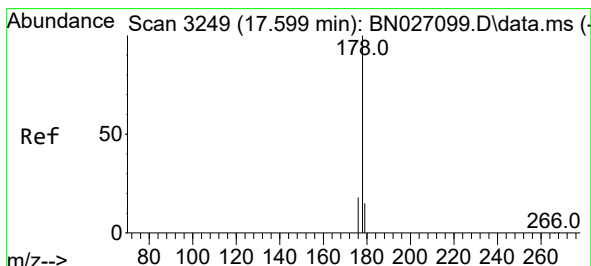
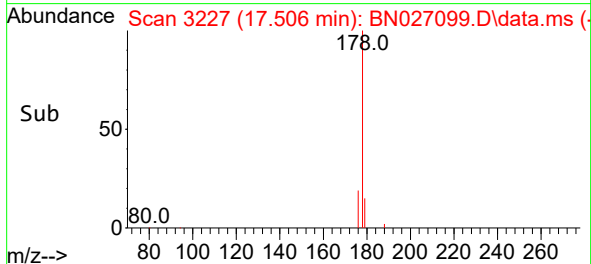
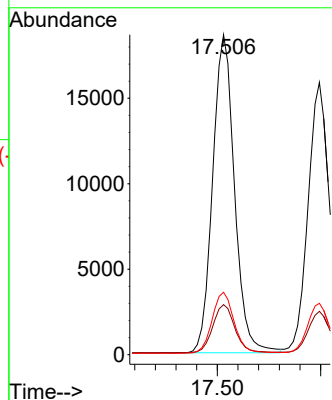
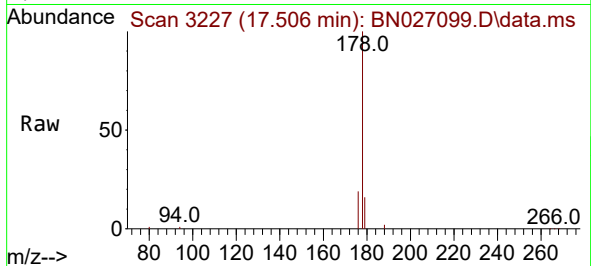




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

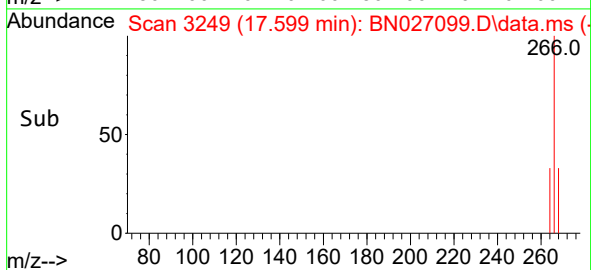
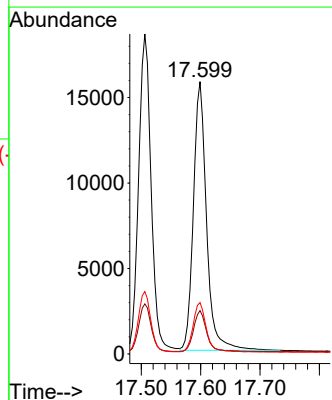
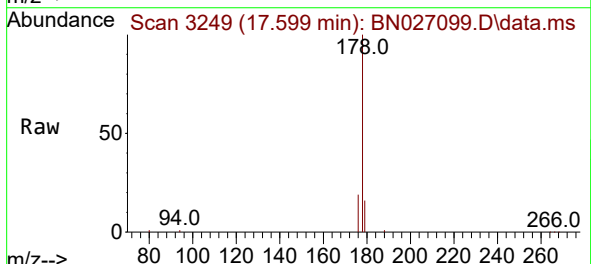
Instrument :
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ClientSampleId :
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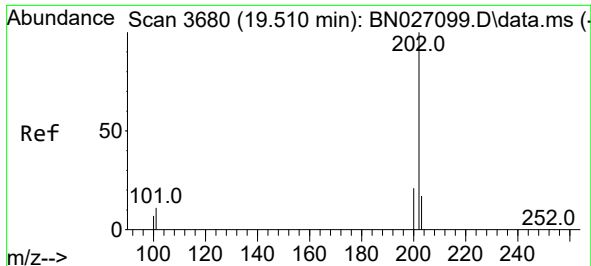
Tgt Ion:178 Resp: 27323
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.005 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

Tgt Ion:178 Resp: 24159
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 18.9 15.0 22.6

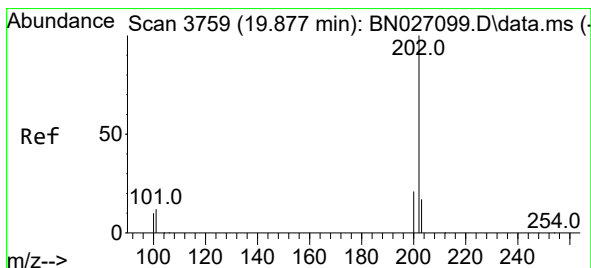
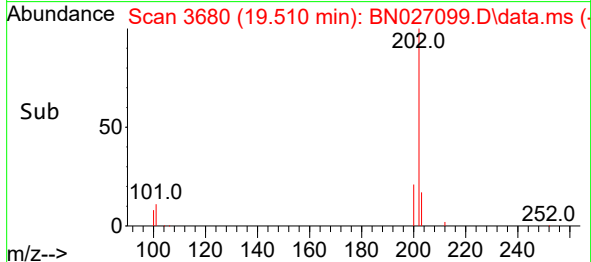
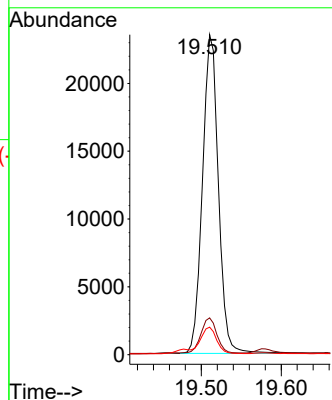
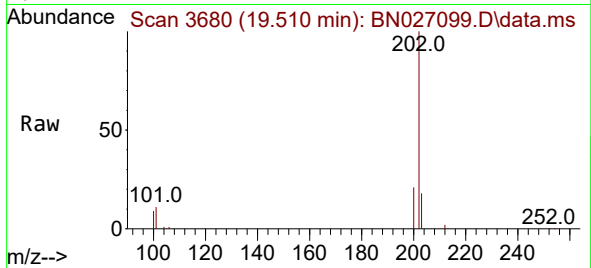




#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.510 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

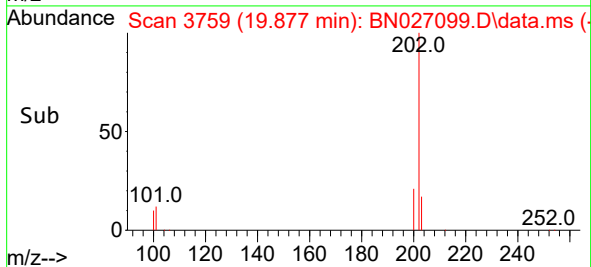
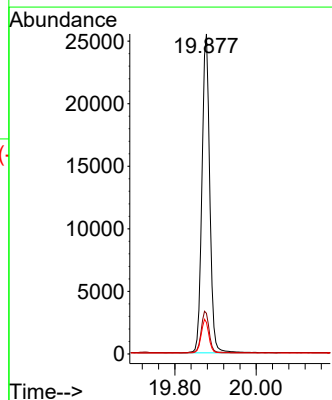
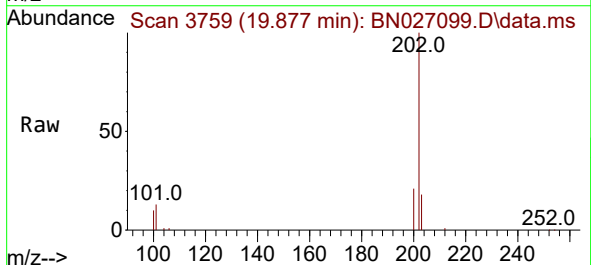
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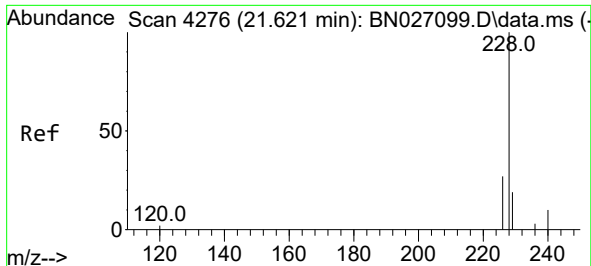
Tgt Ion:202 Resp: 32436
Ion Ratio Lower Upper
202 100
101 11.5 8.3 12.5
100 8.6 6.2 9.2



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.877 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

Tgt Ion:202 Resp: 33912
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 9.9 8.5 12.7

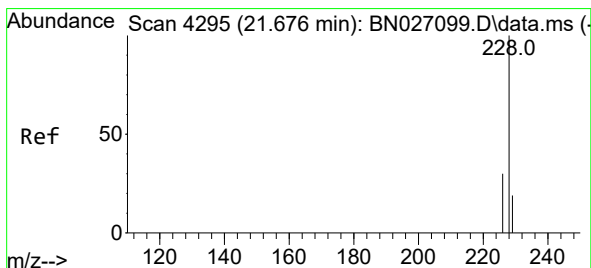
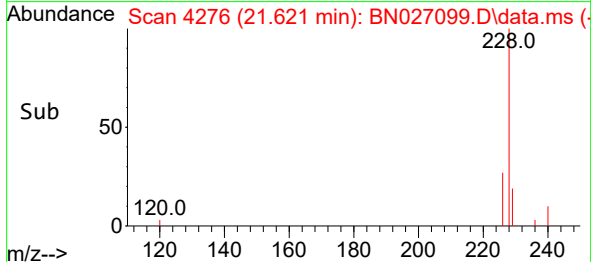
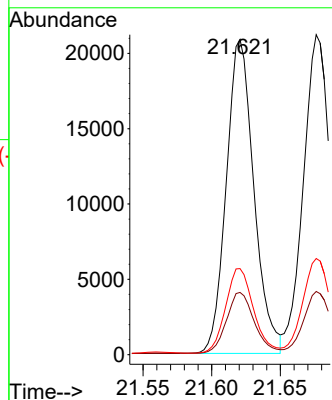
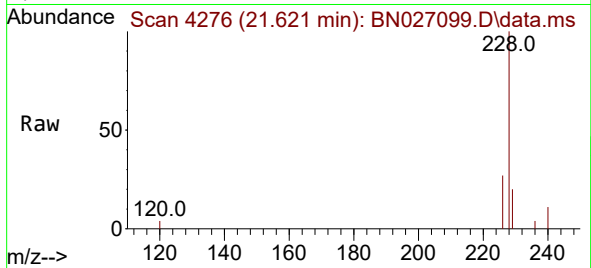




#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

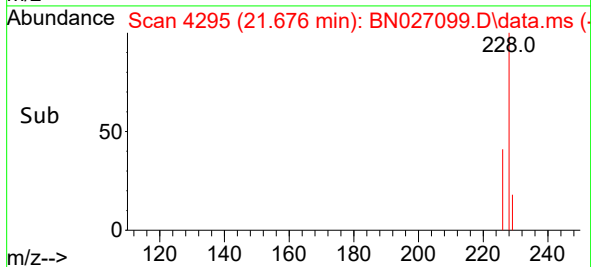
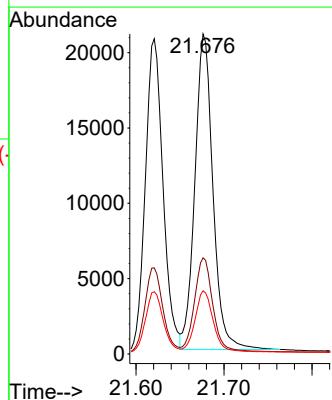
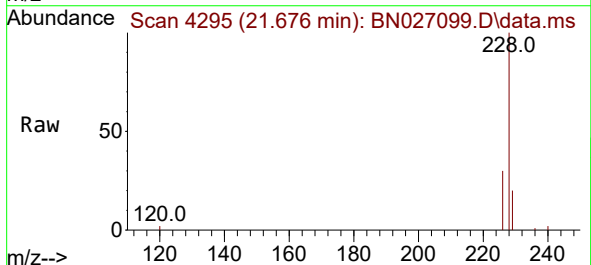
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

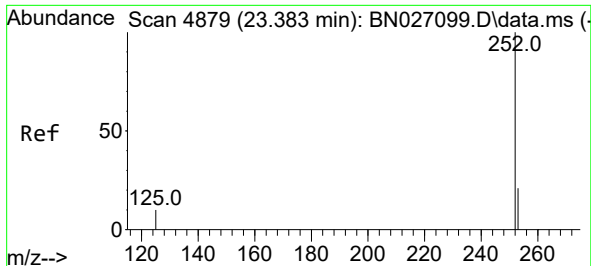
Tgt Ion:228 Resp: 29198
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

Tgt Ion:228 Resp: 29976
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 19.8 15.8 23.6

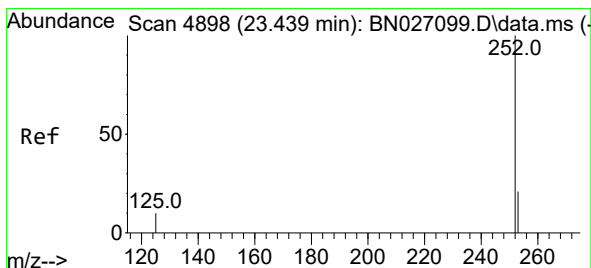
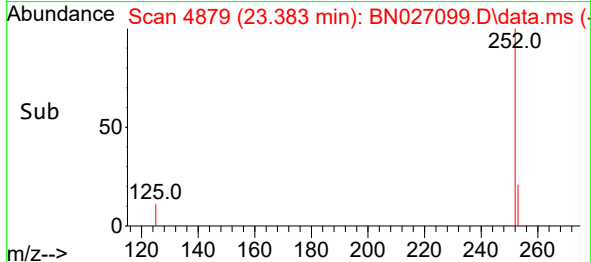
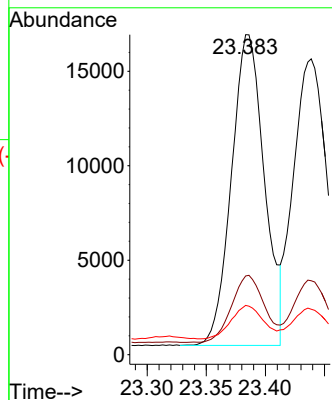
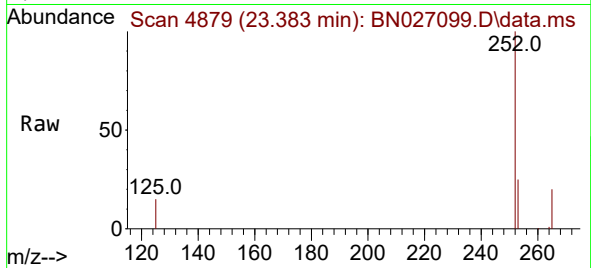




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.383 min Scan# 4879
Delta R.T. -0.003 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

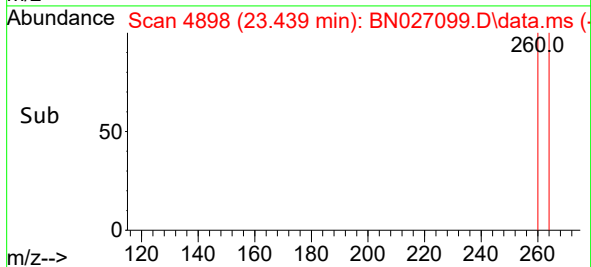
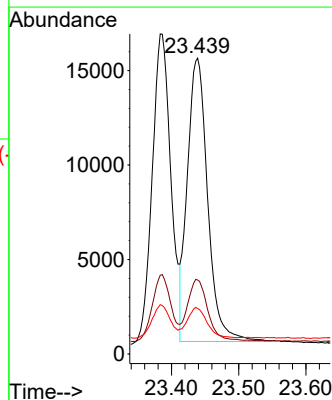
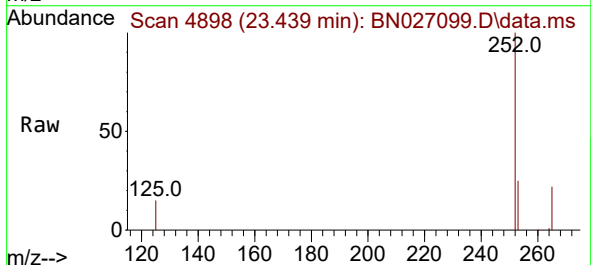
Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

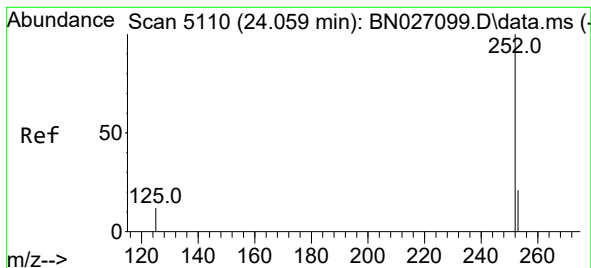
Tgt Ion:252 Resp: 31891
Ion Ratio Lower Upper
252 100
253 24.6 0.0 46.8
125 15.4 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 23.439 min Scan# 4898
Delta R.T. -0.000 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

Tgt Ion:252 Resp: 31465
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.4
125 15.3 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.337 ng/ul

RT: 24.059 min Scan# 5110

Delta R.T. -0.003 min

Lab File: BN027099.D

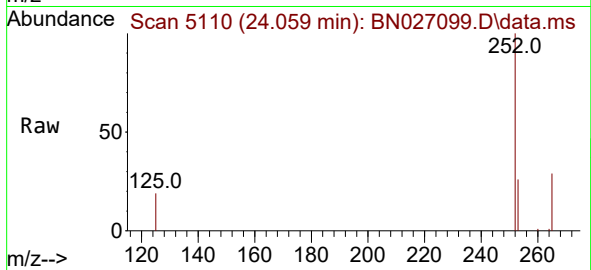
Acq: 24 Aug 2023 16:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.4253



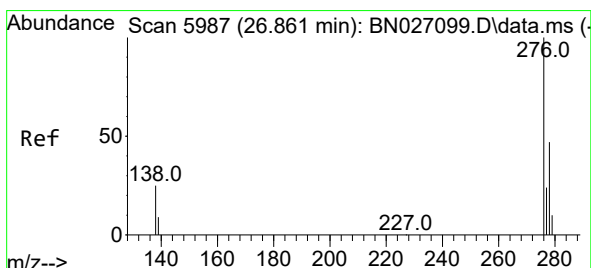
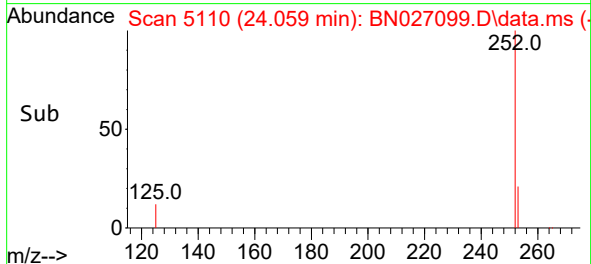
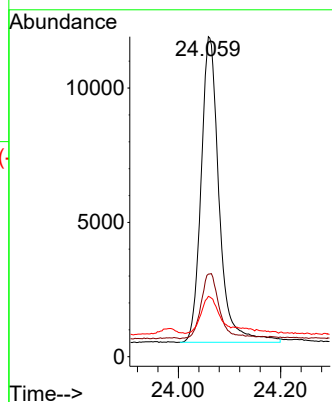
Tgt Ion:252 Resp: 27818

Ion Ratio Lower Upper

252 100

253 25.8 19.0 28.6

125 18.8 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.315 ng/ul

RT: 26.861 min Scan# 5987

Delta R.T. 0.006 min

Lab File: BN027099.D

Acq: 24 Aug 2023 16:11

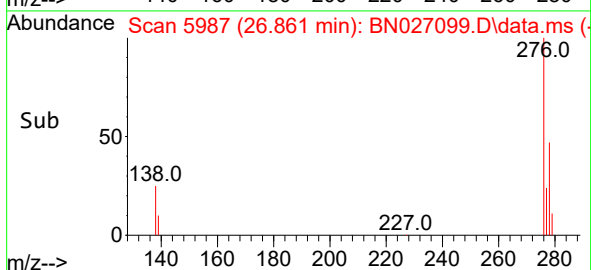
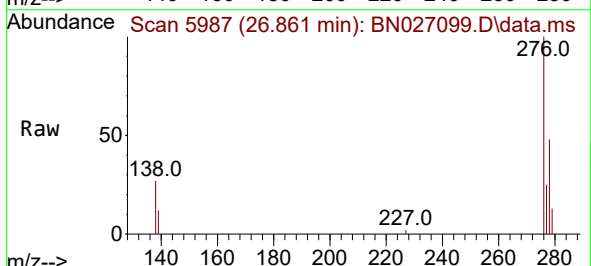
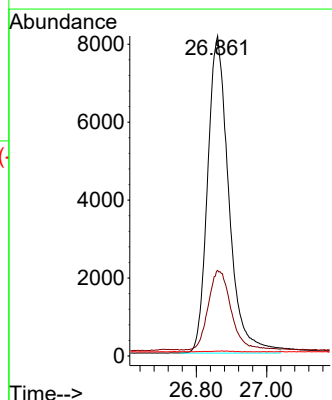
Tgt Ion:276 Resp: 34054

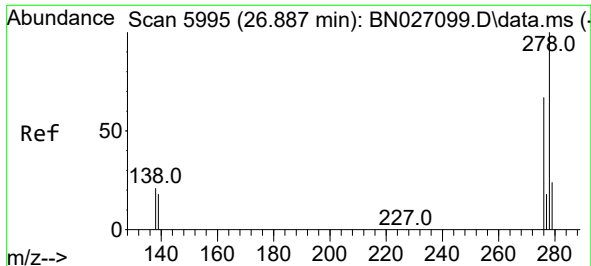
Ion Ratio Lower Upper

276 100

138 27.2 21.6 32.4

227 0.1 0.0 0.0#

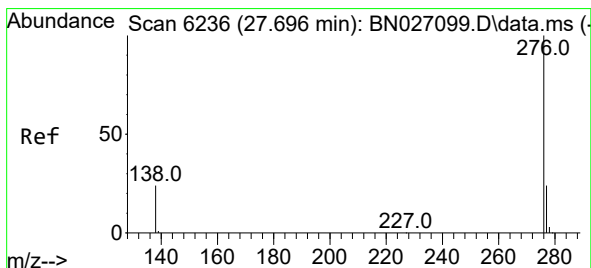
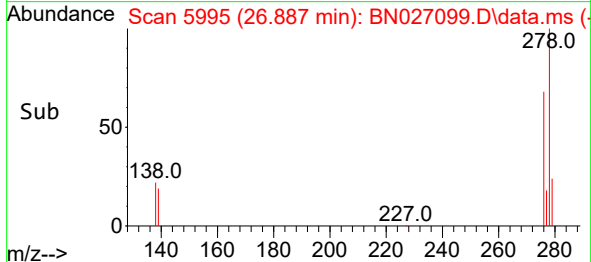
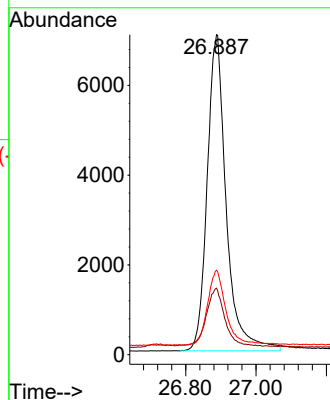
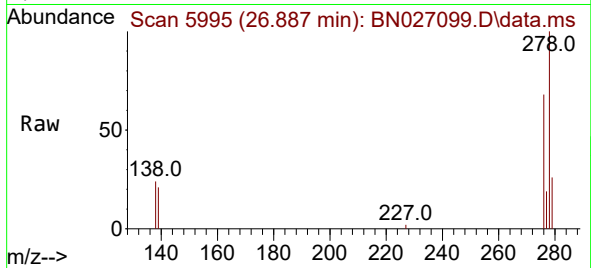




#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 26.887 min Scan# 5995
Delta R.T. 0.003 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4253

Tgt Ion:278 Resp: 26464
Ion Ratio Lower Upper
278 100
139 20.8 15.7 23.5
279 26.4 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.696 min Scan# 6236
Delta R.T. -0.000 min
Lab File: BN027099.D
Acq: 24 Aug 2023 16:11

Tgt Ion:276 Resp: 28712
Ion Ratio Lower Upper
276 100
138 25.5 19.3 28.9
277 25.0 19.8 29.8

