

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082724\
 Data File : BN033632.D
 Acq On : 27 Aug 2024 12:24
 Operator : MA/JU
 Sample : SSTD0.421
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4204

Quant Time: Aug 27 23:37:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 23:34:19 2024
 Response via : Initial Calibration

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

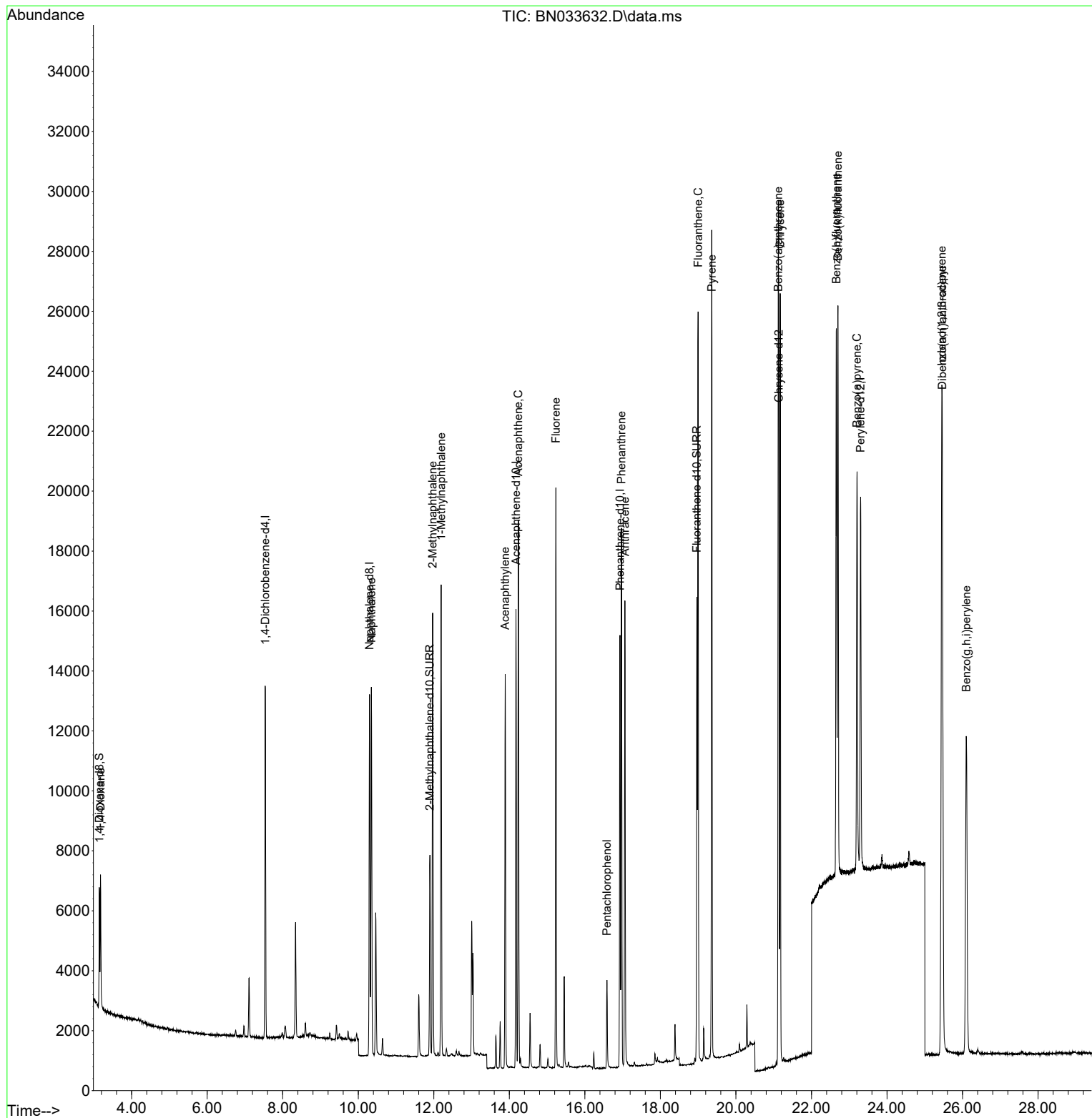
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5619	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	15327	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	7957	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	16648	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	14141	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	15253	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2338	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	8672	0.394	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	16318	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	2617	0.408	ng/ul	100
5) Naphthalene	10.347	128	16107	0.393	ng/ul	100
7) 2-Methylnaphthalene	11.970	142	10234	0.394	ng/ul	100
8) 1-Methylnaphthalene	12.195	142	10572	0.396	ng/ul	100
10) Acenaphthylene	13.891	152	14408	0.399	ng/ul	100
11) Acenaphthene	14.238	153	10508	0.403	ng/ul	100
12) Fluorene	15.232	166	11816	0.405	ng/ul	100
14) Pentachlorophenol	16.584	266	1950	0.372	ng/ul	100
15) Phenanthrene	16.968	178	18490	0.377	ng/ul	100
16) Anthracene	17.061	178	16792	0.380	ng/ul	100
19) Fluoranthene	18.997	202	21040	0.377	ng/ul	100
20) Pyrene	19.360	202	22332	0.377	ng/ul	100
21) Benzo(a)anthracene	21.119	228	20869	0.375	ng/ul	100
22) Chrysene	21.172	228	20937	0.372	ng/ul	100
24) Benzo(b)fluoranthene	22.659	252	22133	0.374	ng/ul	100
25) Benzo(k)fluoranthene	22.700	252	21858	0.368	ng/ul	100
26) Benzo(a)pyrene	23.206	252	17661	0.372	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.450	276	26363	0.369	ng/ul	100
28) Dibenzo(a,h)anthracene	25.464	278	20443	0.369	ng/ul	100
29) Benzo(g,h,i)perylene	26.098	276	20645	0.370	ng/ul	100

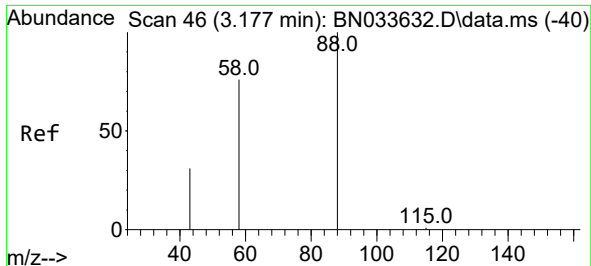
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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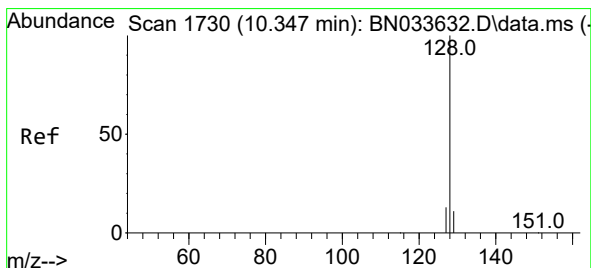
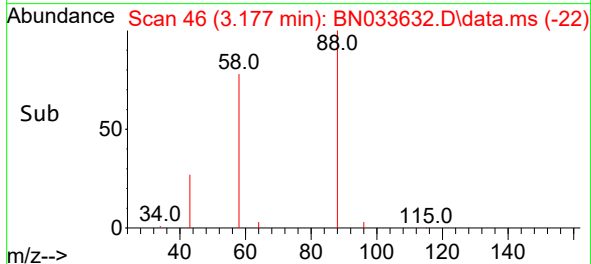
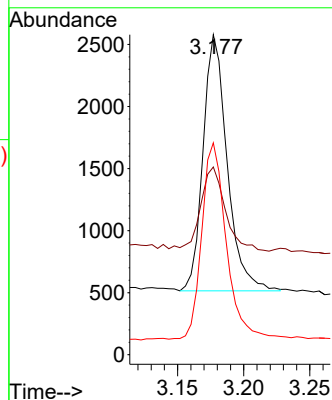
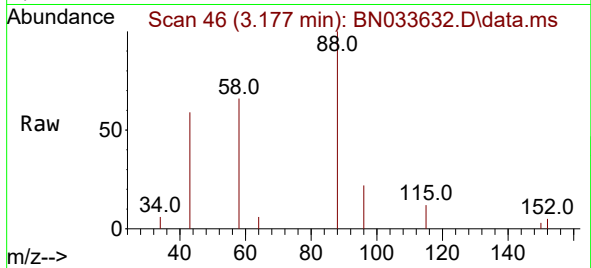




#2
1,4-Dioxane
Concen: 0.408 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

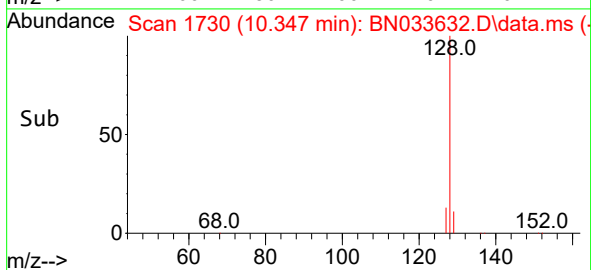
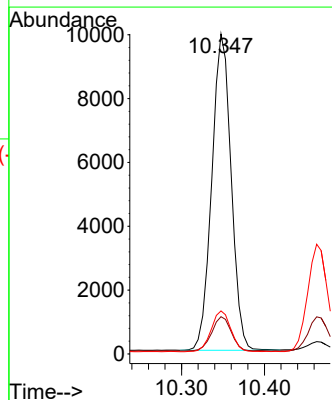
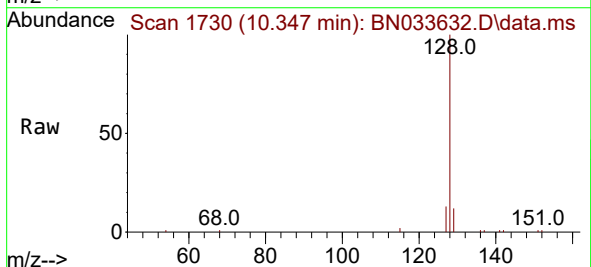
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

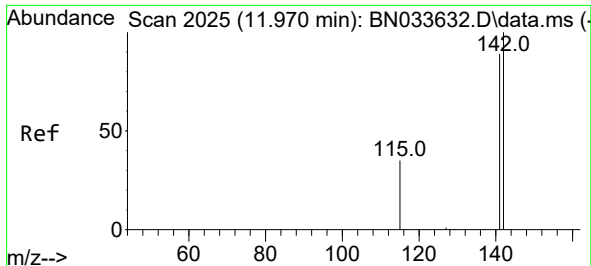
Tgt Ion: 88 Resp: 2617
Ion Ratio Lower Upper
88 100
43 58.7 47.0 70.4
58 66.2 53.0 79.4



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

Tgt Ion: 128 Resp: 16107
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.8 16.2

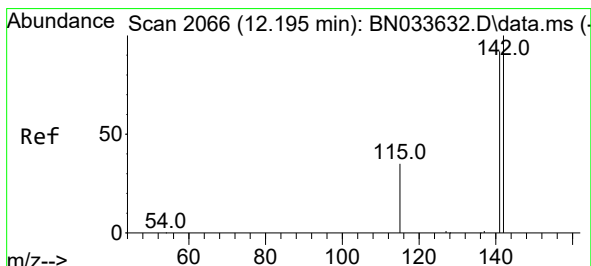
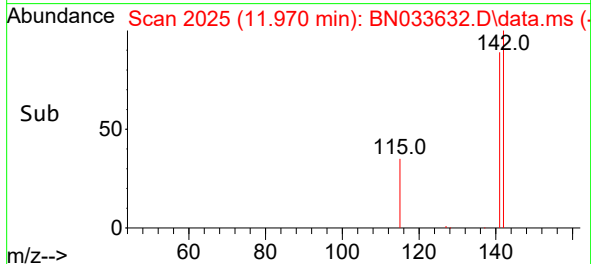
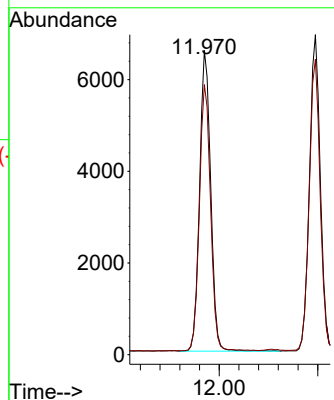
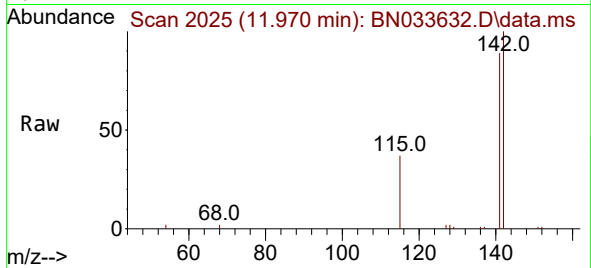




#7
2-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

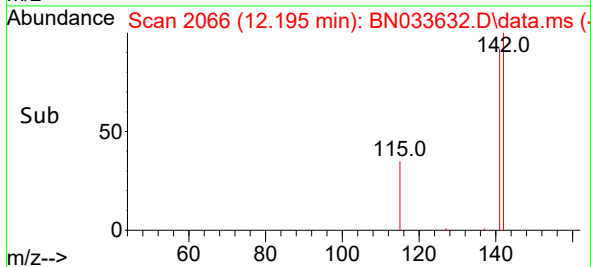
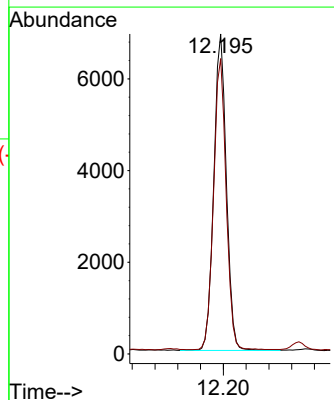
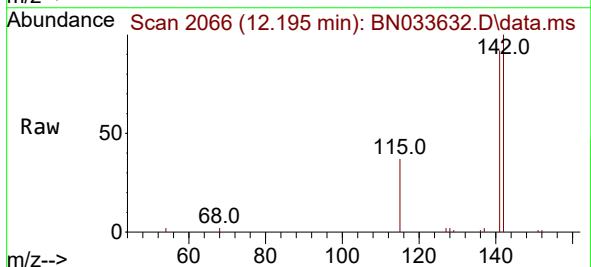
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

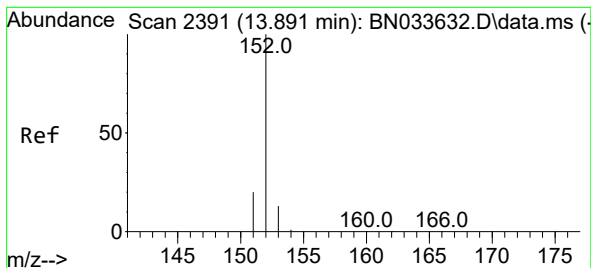
Tgt Ion:142 Resp: 10234
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

Tgt Ion:142 Resp: 10572
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4





#10

Acenaphthylene

Concen: 0.399 ng/ul

RT: 13.891 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033632.D

Acq: 27 Aug 2024 12:24

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204

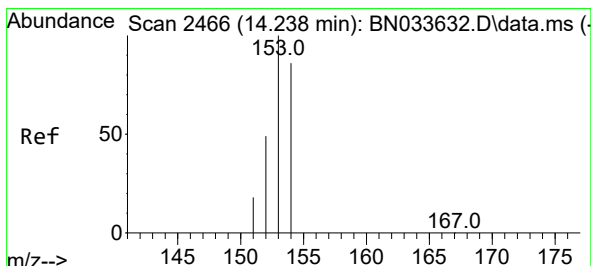
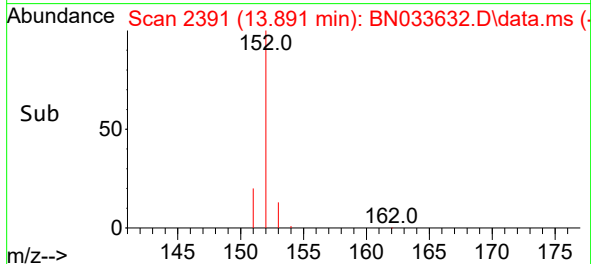
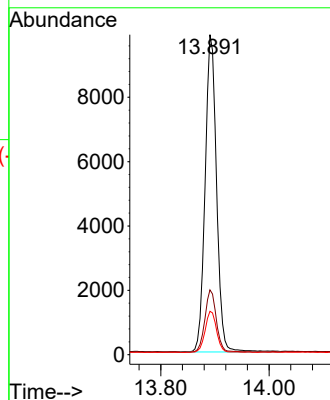
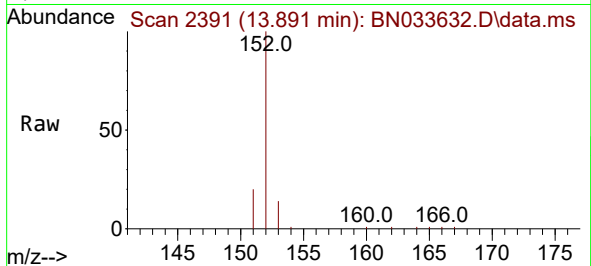
Tgt Ion:152 Resp: 14408

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.5 10.8 16.2



#11

Acenaphthene

Concen: 0.403 ng/ul

RT: 14.238 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BN033632.D

Acq: 27 Aug 2024 12:24

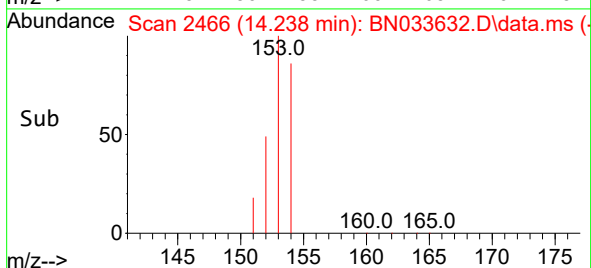
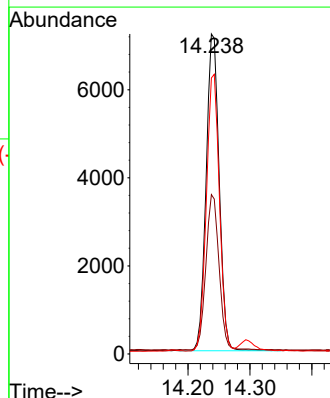
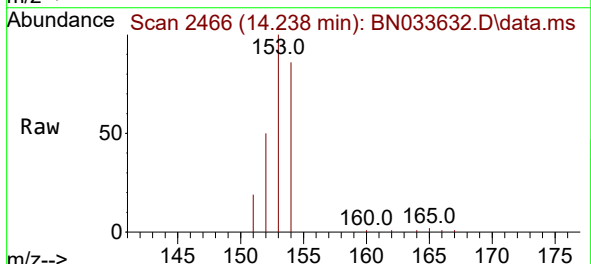
Tgt Ion:153 Resp: 10508

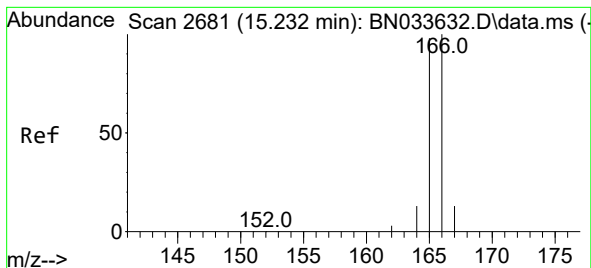
Ion Ratio Lower Upper

153 100

152 49.8 39.8 59.8

154 86.3 69.0 103.6





#12

Fluorene

Concen: 0.405 ng/ul

RT: 15.232 min Scan# 2

Delta R.T. 0.000 min

Lab File: BN033632.D

Acq: 27 Aug 2024 12:24

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204

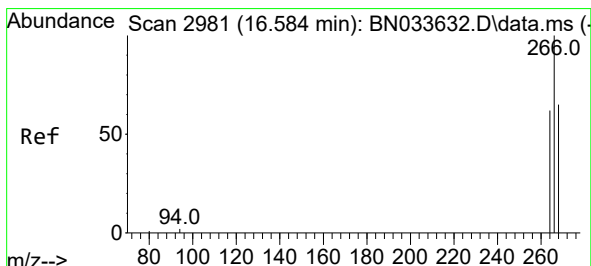
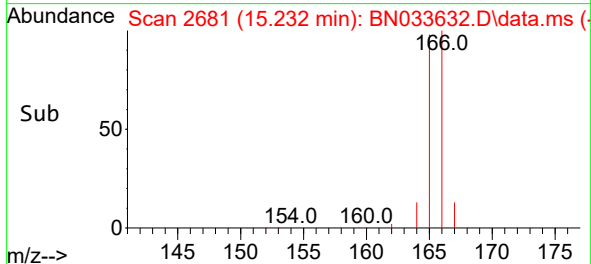
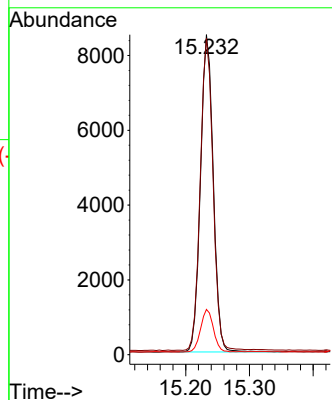
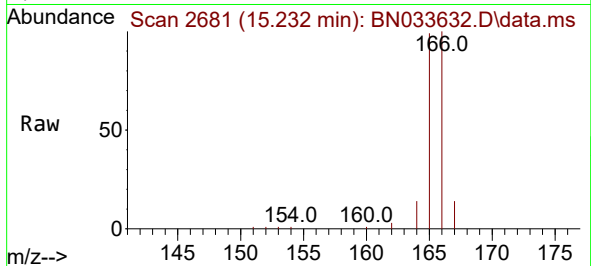
Tgt Ion:166 Resp: 11816

Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

167 14.2 11.4 17.0



#14

Pentachlorophenol

Concen: 0.372 ng/ul

RT: 16.584 min Scan# 2981

Delta R.T. 0.000 min

Lab File: BN033632.D

Acq: 27 Aug 2024 12:24

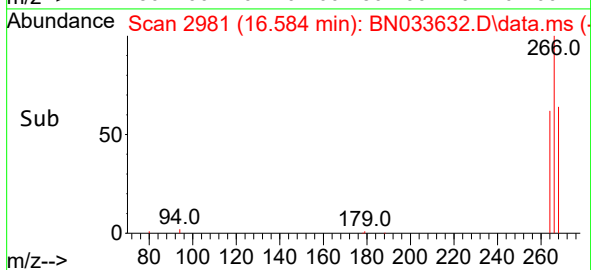
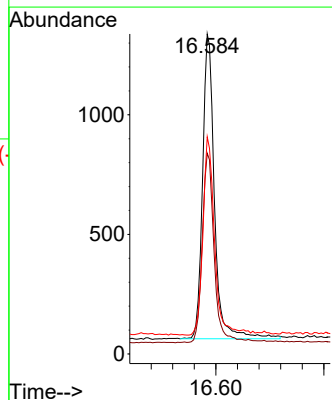
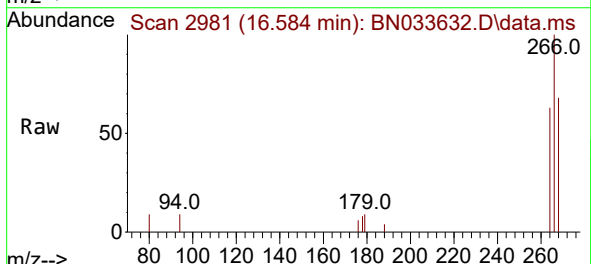
Tgt Ion:266 Resp: 1950

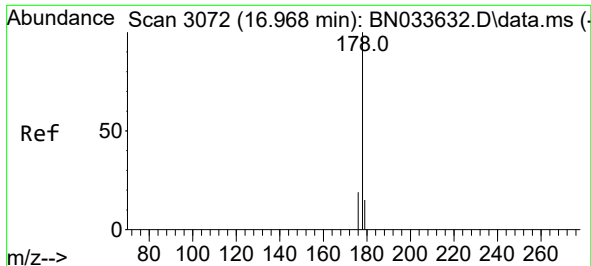
Ion Ratio Lower Upper

266 100

264 62.5 50.3 75.5

268 64.4 51.7 77.5

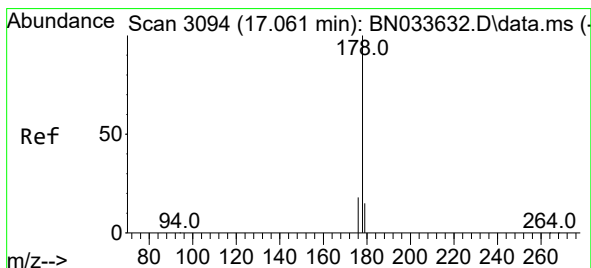
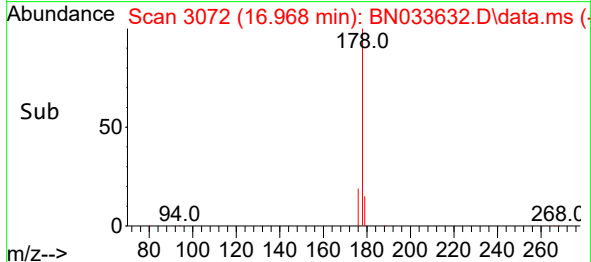
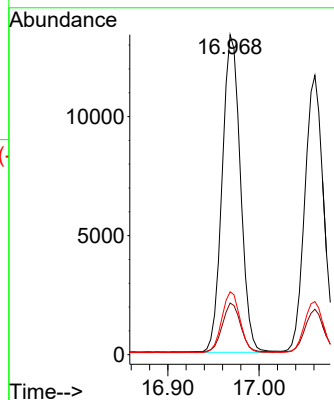
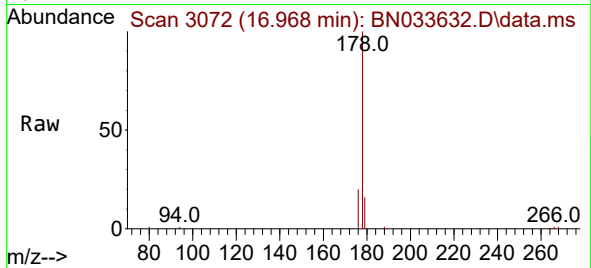




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 16.968 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

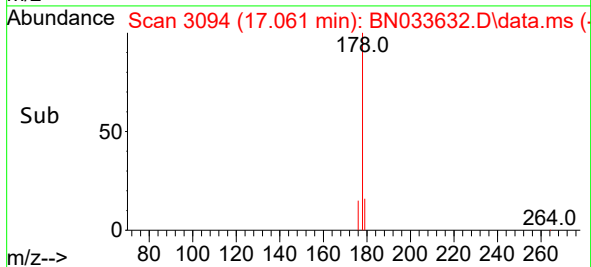
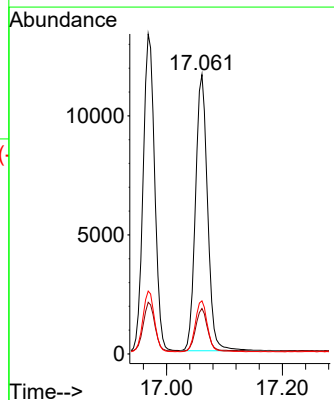
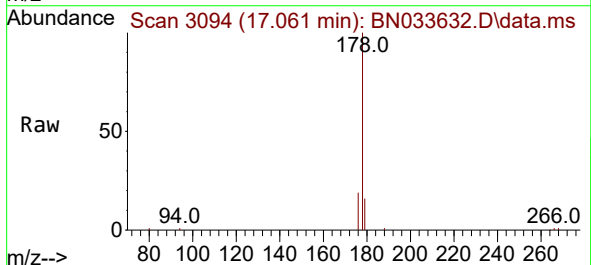
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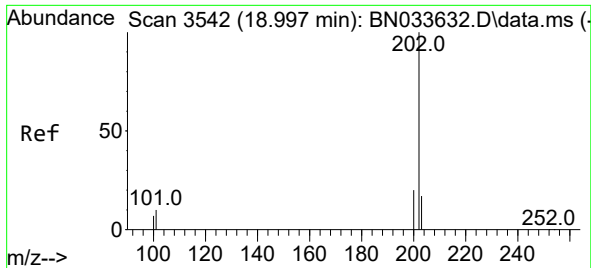
Tgt Ion:178 Resp: 18490
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.061 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

Tgt Ion:178 Resp: 16792
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.0 15.2 22.8

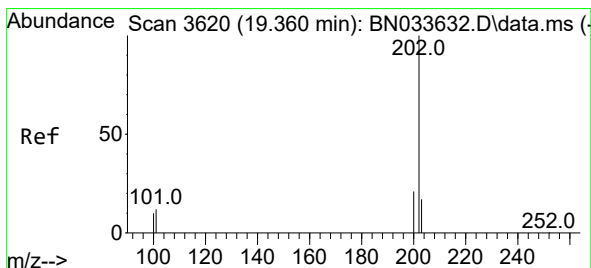
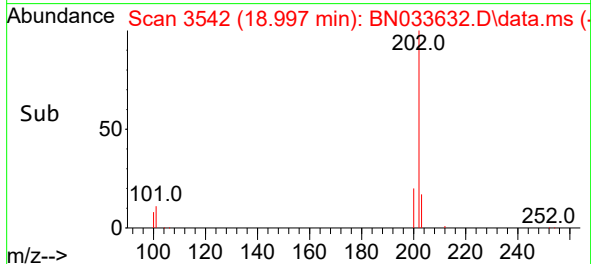
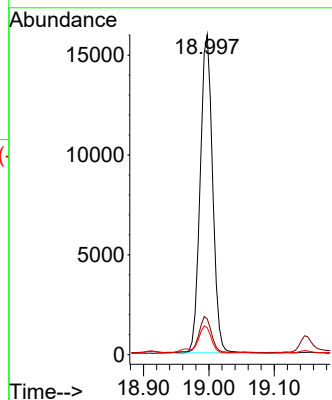
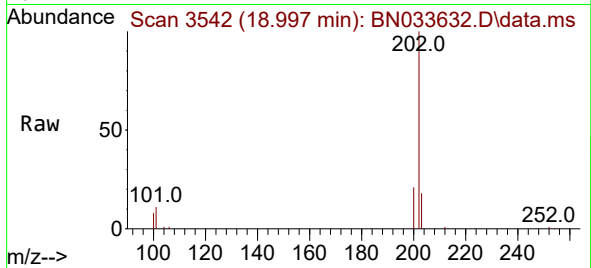




#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 18.997 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

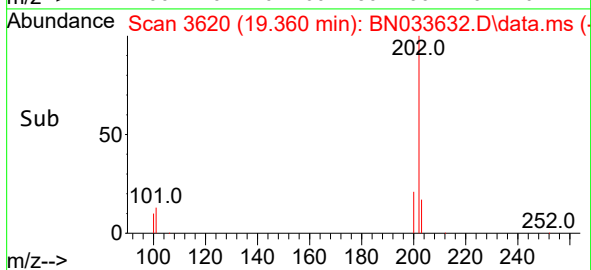
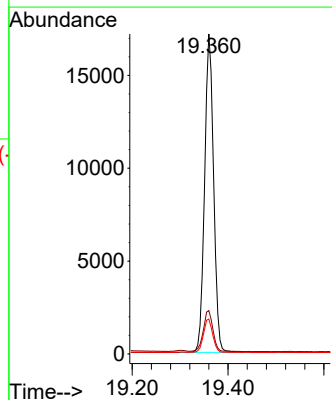
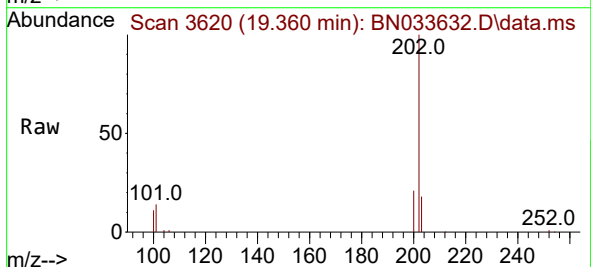
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ClientSampleId :
SSTD0.4204

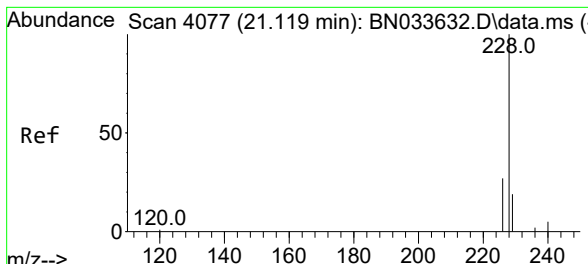
Tgt Ion:202 Resp: 21040
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.4
100 8.4 6.7 10.1



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.360 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

Tgt Ion:202 Resp: 22332
Ion Ratio Lower Upper
202 100
101 13.5 10.8 16.2
100 10.9 8.7 13.1

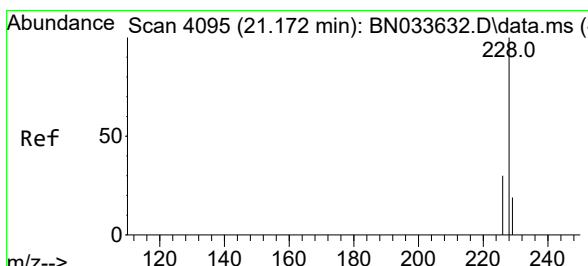
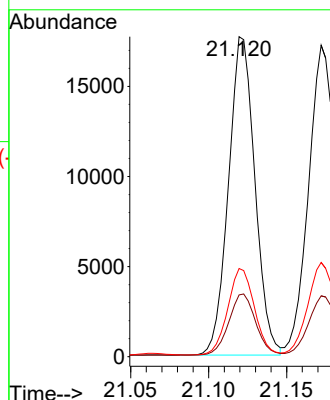
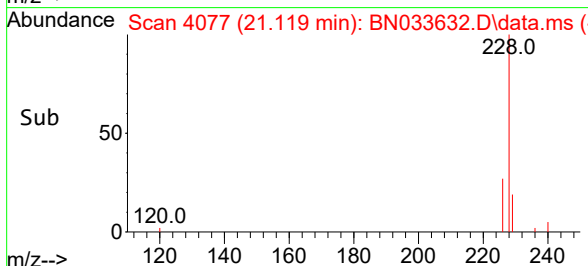
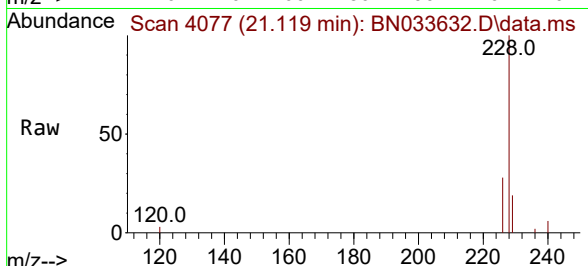




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.119 min Scan# 4077
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

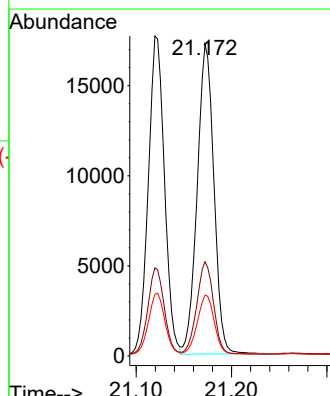
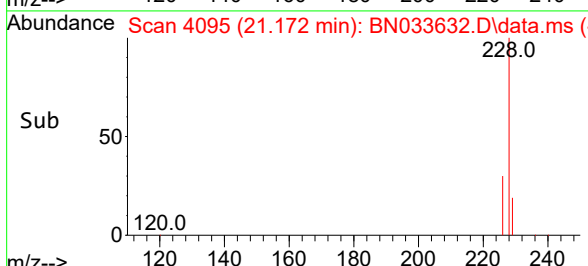
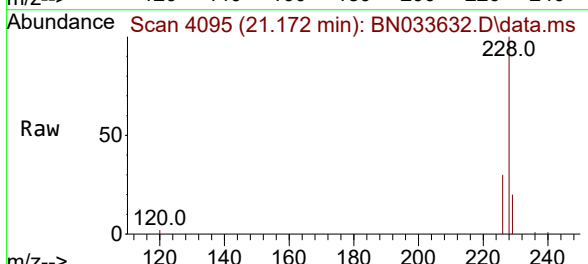
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

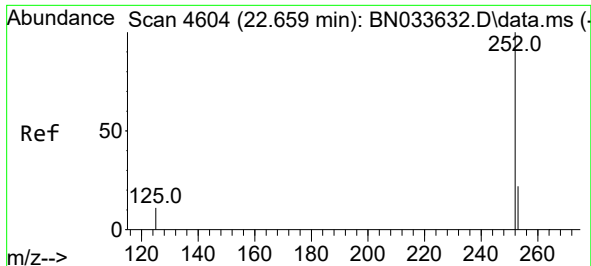
Tgt Ion:228 Resp: 20869
Ion Ratio Lower Upper
228 100
229 19.3 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.172 min Scan# 4095
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

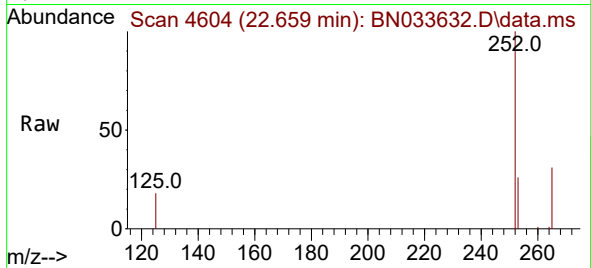
Tgt Ion:228 Resp: 20937
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.5 15.6 23.4



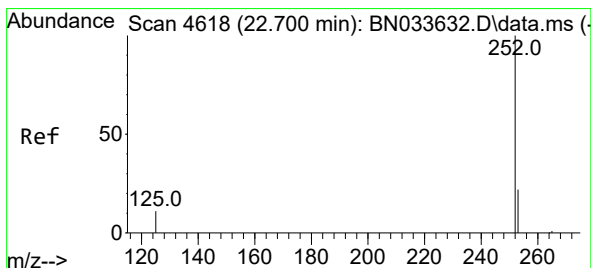
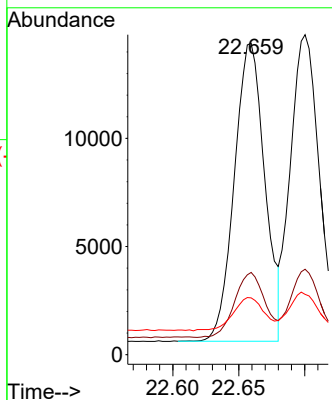


#24
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 22.659 min Scan# 4604
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

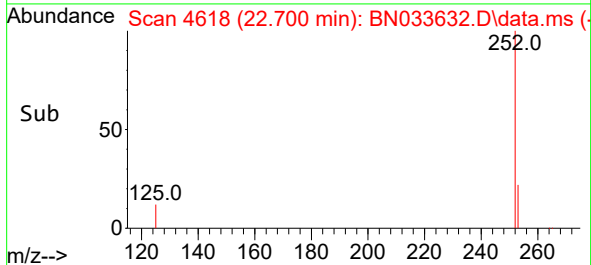
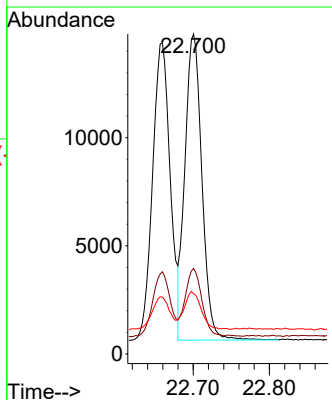
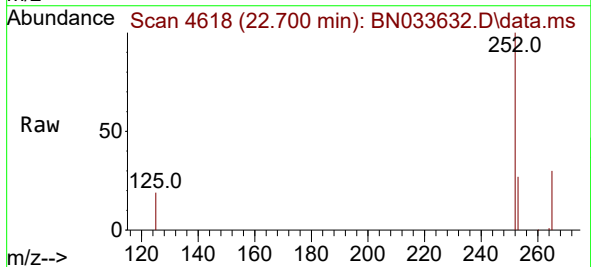


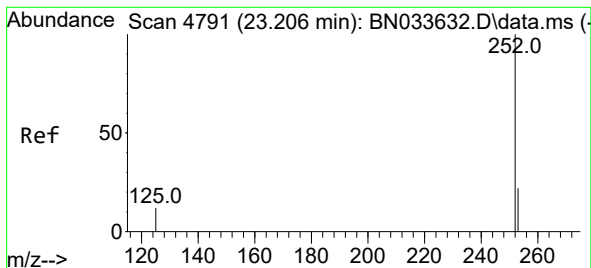
Tgt Ion:252 Resp: 22133
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.8
125 18.2 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 22.700 min Scan# 4618
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

Tgt Ion:252 Resp: 21858
Ion Ratio Lower Upper
252 100
253 26.7 21.4 32.0
125 18.9 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.372 ng/ul

RT: 23.206 min Scan# 4791

Delta R.T. 0.000 min

Lab File: BN033632.D

Acq: 27 Aug 2024 12:24

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204

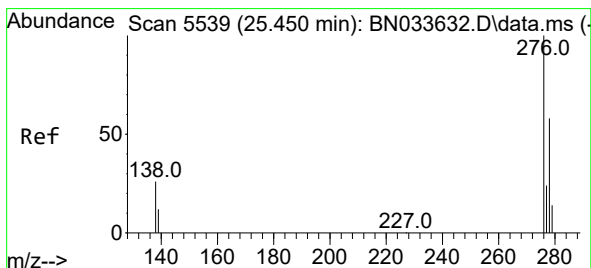
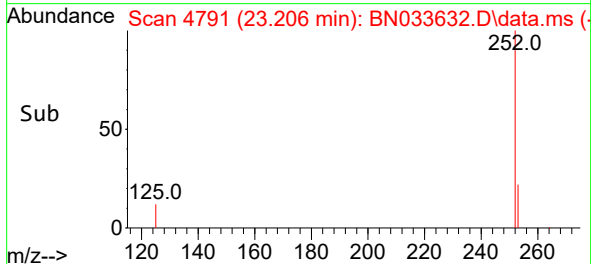
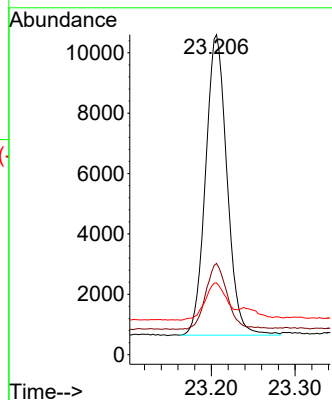
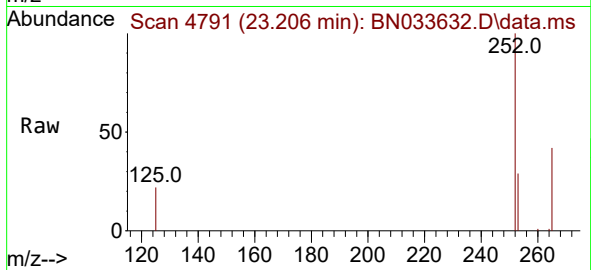
Tgt Ion:252 Resp: 17661

Ion Ratio Lower Upper

252 100

253 28.5 22.8 34.2

125 22.5 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.369 ng/ul

RT: 25.450 min Scan# 5539

Delta R.T. 0.000 min

Lab File: BN033632.D

Acq: 27 Aug 2024 12:24

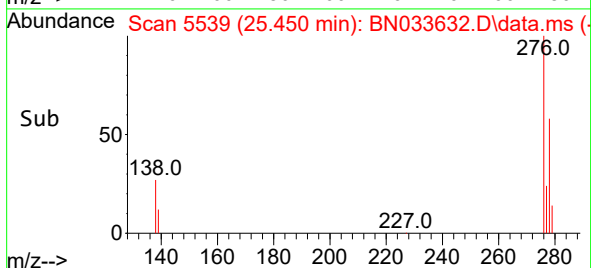
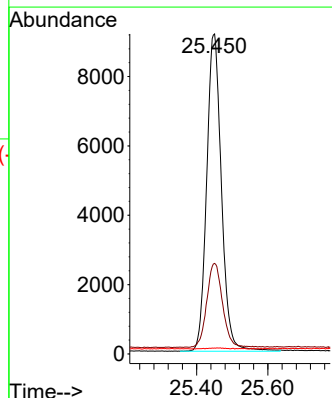
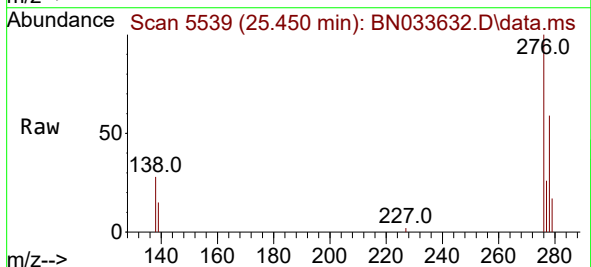
Tgt Ion:276 Resp: 26363

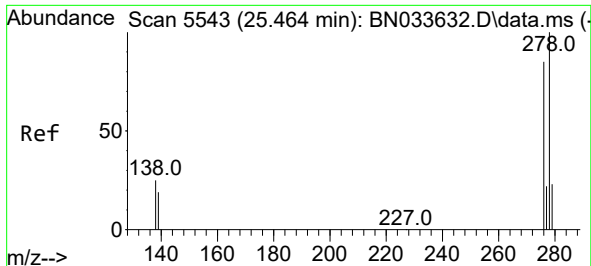
Ion Ratio Lower Upper

276 100

138 28.1 22.3 33.5

227 0.3 0.2 0.4

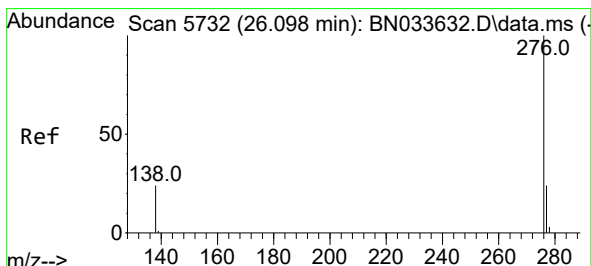
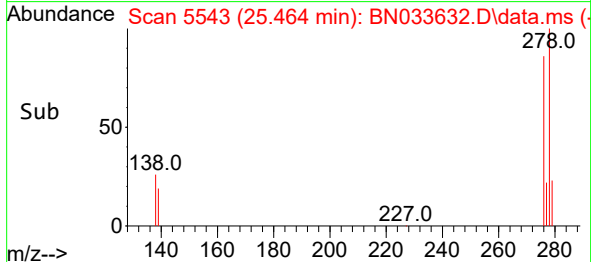
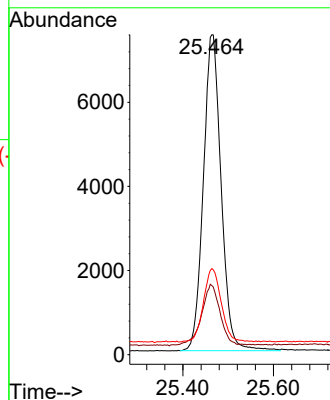
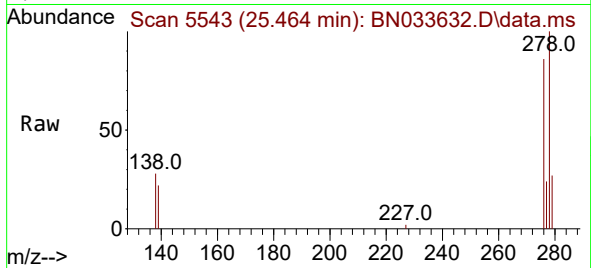




#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 25.464 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

Tgt Ion:278 Resp: 20443
Ion Ratio Lower Upper
278 100
139 21.6 17.3 25.9
279 26.9 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 26.098 min Scan# 5732
Delta R.T. 0.000 min
Lab File: BN033632.D
Acq: 27 Aug 2024 12:24

Tgt Ion:276 Resp: 20645
Ion Ratio Lower Upper
276 100
138 26.0 20.8 31.2
277 25.3 20.2 30.4

