

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082724\
 Data File : BN033630.D
 Acq On : 27 Aug 2024 11:11
 Operator : MA/JU
 Sample : SST0.119
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1202

Quant Time: Aug 27 23:37:13 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)

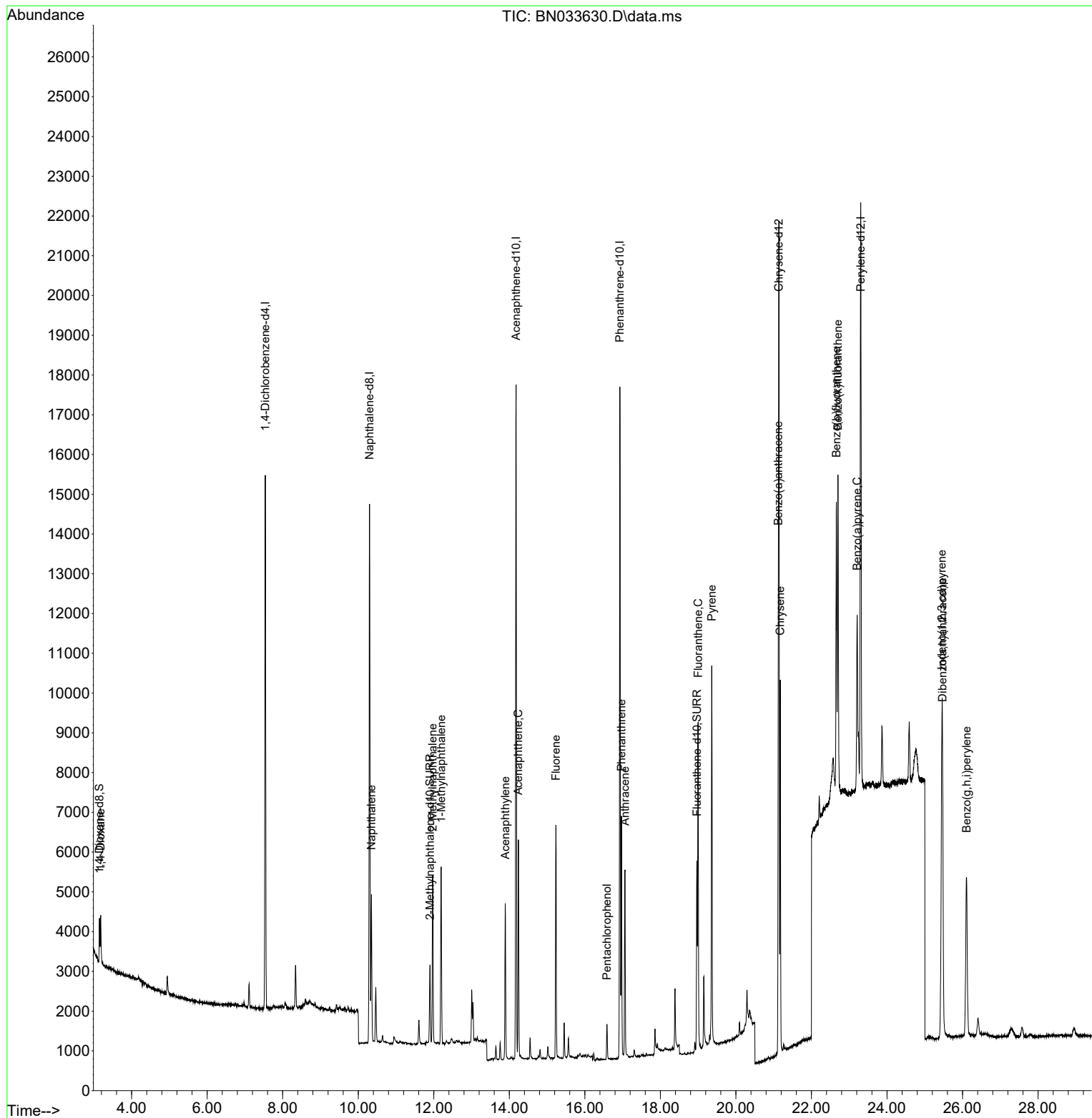
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	6425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	17345	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.179	164	9353	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.927	188	18996	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	16611	0.400	ng/ul	0.00
23) Perylene-d12	23.304	264	18294	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	699	0.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	2558	0.103	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	5058	0.102	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	826	0.113	ng/ul#	75
5) Naphthalene	10.349	128	4730	0.102	ng/ul	95
7) 2-Methylnaphthalene	11.971	142	3000	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.197	142	3097	0.102	ng/ul	98
10) Acenaphthylene	13.892	152	4365	0.103	ng/ul	97
11) Acenaphthene	14.239	153	3127	0.102	ng/ul	99
12) Fluorene	15.234	166	3469	0.101	ng/ul	98
14) Pentachlorophenol	16.585	266	602	0.101	ng/ul	97
15) Phenanthrene	16.970	178	6069	0.108	ng/ul	97
16) Anthracene	17.062	178	5148	0.102	ng/ul	96
19) Fluoranthene	18.999	202	7252	0.111	ng/ul#	95
20) Pyrene	19.361	202	7770	0.112	ng/ul	96
21) Benzo(a)anthracene	21.124	228	7433	0.114	ng/ul	98
22) Chrysene	21.173	228	7782	0.118	ng/ul	97
24) Benzo(b)fluoranthene	22.661	252	8287	0.117	ng/ul	78
25) Benzo(k)fluoranthene	22.702	252	8283	0.116	ng/ul#	65
26) Benzo(a)pyrene	23.210	252	6366	0.112	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.455	276	9997	0.117	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.472	278	7693	0.116	ng/ul#	89
29) Benzo(g,h,i)perylene	26.106	276	7743	0.116	ng/ul	93

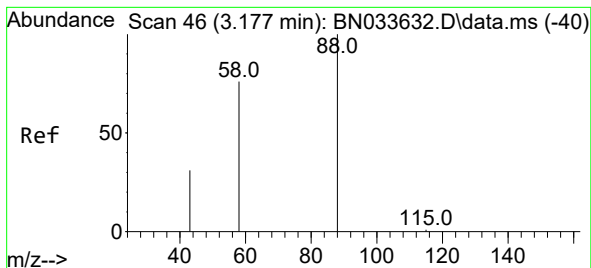
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.113 ng/ul

RT: 3.181 min Scan# 41

Delta R.T. 0.004 min

Lab File: BN033630.D

Acq: 27 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.1202

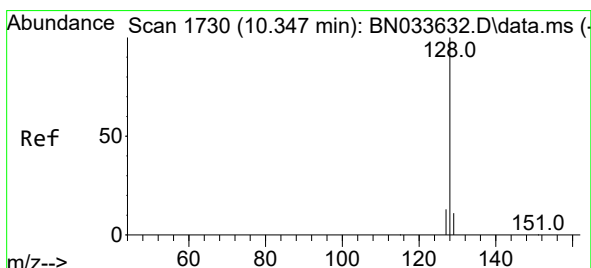
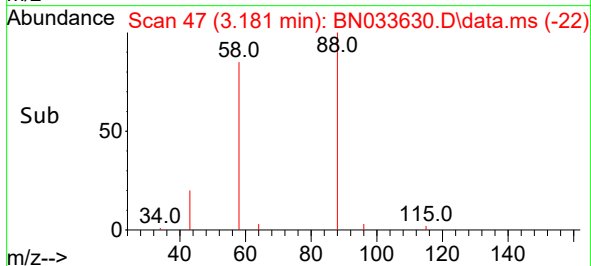
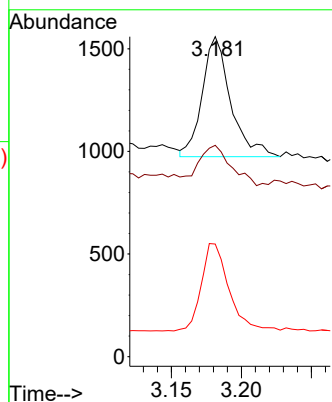
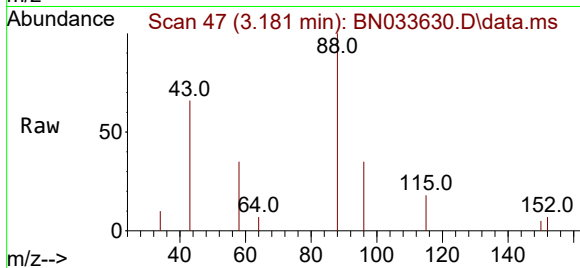
Tgt Ion: 88 Resp: 826

Ion Ratio Lower Upper

88 100

43 66.1 47.0 70.4

58 35.2 53.0 79.4#



#5

Naphthalene

Concen: 0.102 ng/ul

RT: 10.349 min Scan# 1730

Delta R.T. 0.001 min

Lab File: BN033630.D

Acq: 27 Aug 2024 11:11

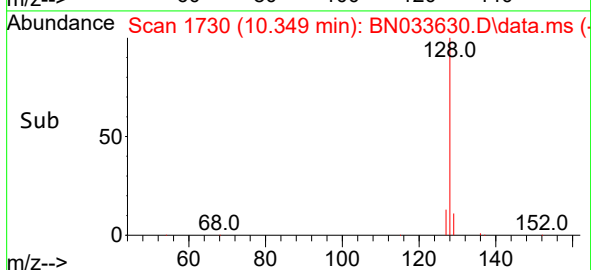
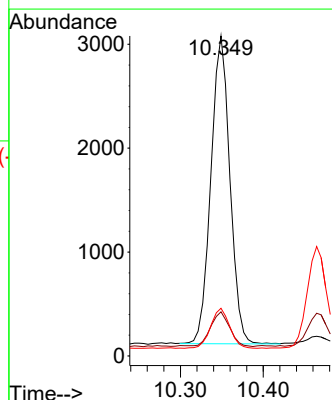
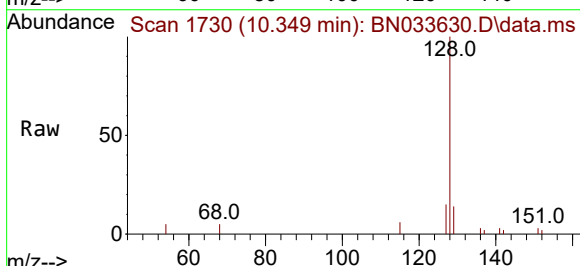
Tgt Ion:128 Resp: 4730

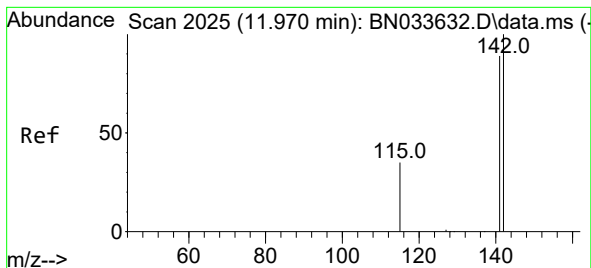
Ion Ratio Lower Upper

128 100

129 13.8 9.3 13.9

127 14.9 10.8 16.2

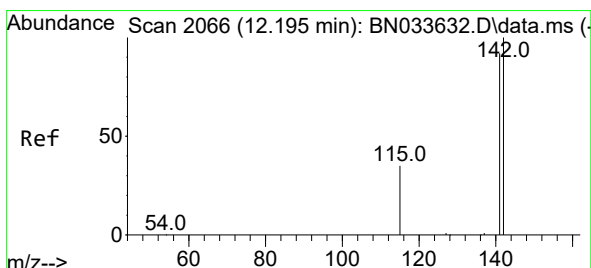
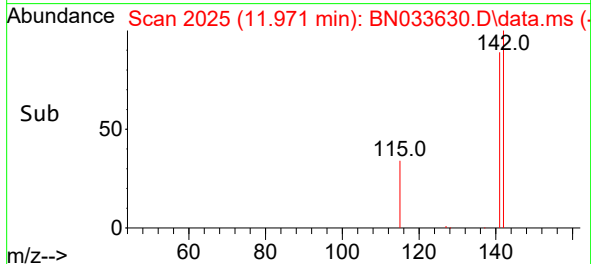
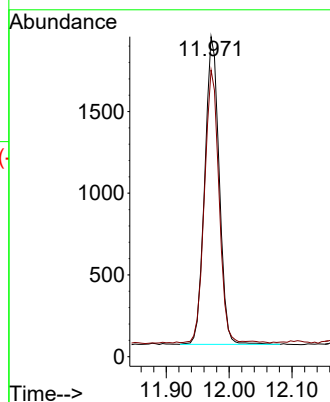
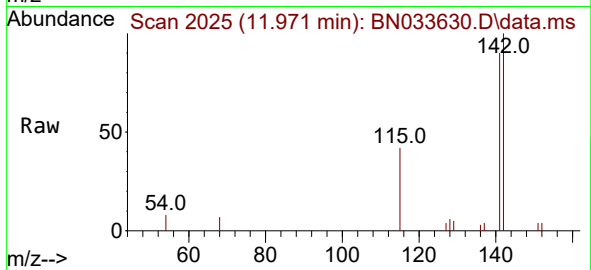




#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

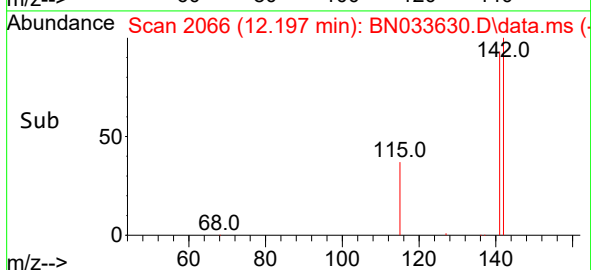
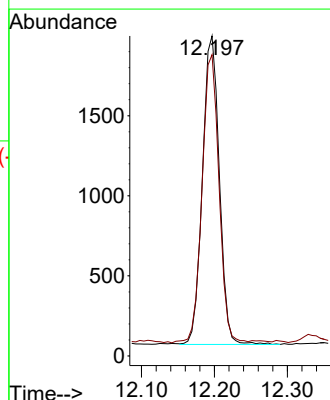
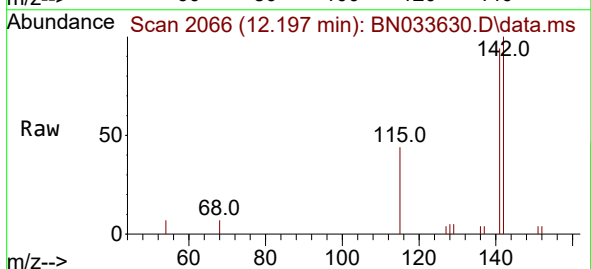
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

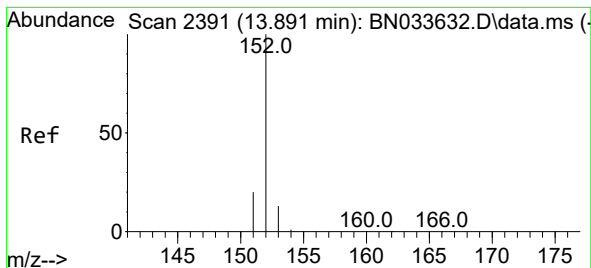
Tgt Ion:142 Resp: 3000
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

Tgt Ion:142 Resp: 3097
Ion Ratio Lower Upper
142 100
141 93.6 73.6 110.4





#10

Acenaphthylene

Concen: 0.103 ng/ul

RT: 13.892 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN033630.D

Acq: 27 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.1202

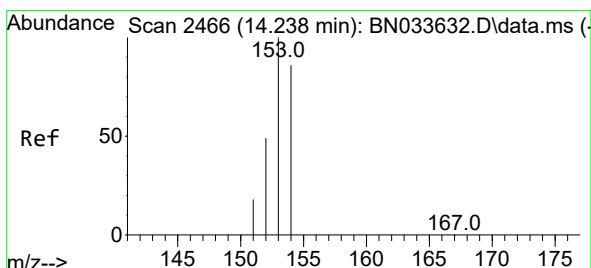
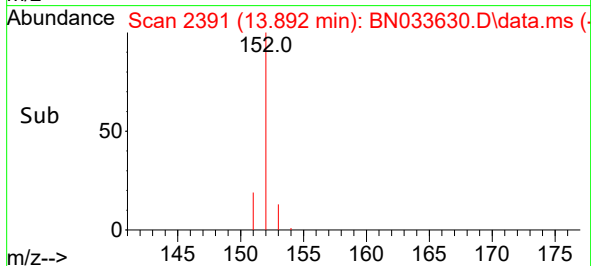
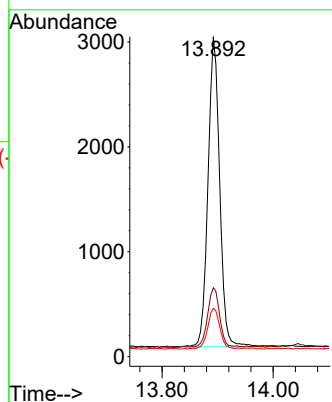
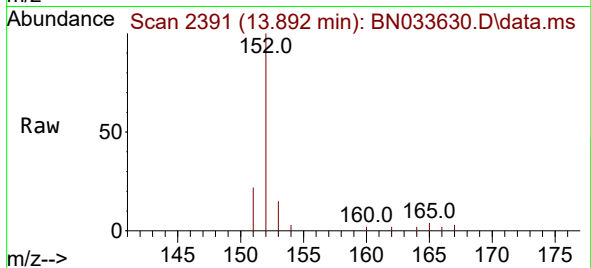
Tgt Ion:152 Resp: 4365

Ion Ratio Lower Upper

152 100

151 21.5 16.2 24.4

153 15.1 10.8 16.2



#11

Acenaphthene

Concen: 0.102 ng/ul

RT: 14.239 min Scan# 2466

Delta R.T. 0.001 min

Lab File: BN033630.D

Acq: 27 Aug 2024 11:11

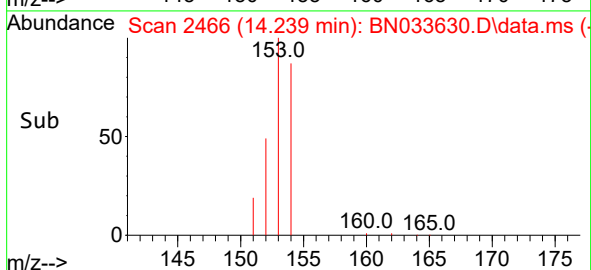
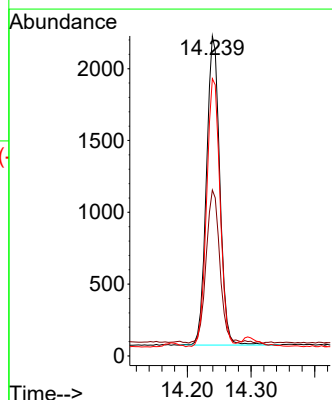
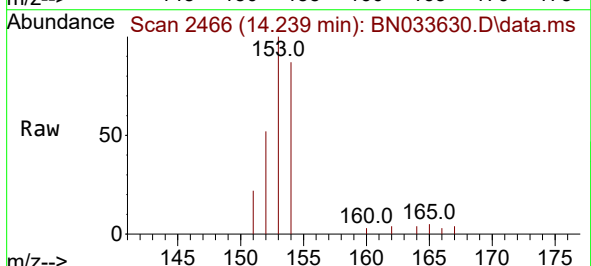
Tgt Ion:153 Resp: 3127

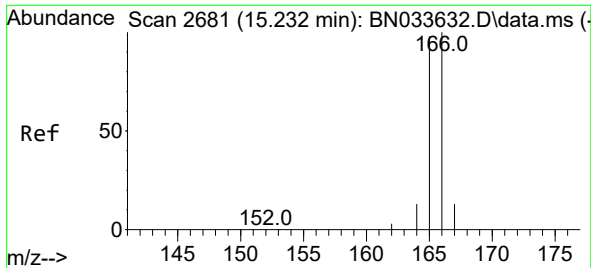
Ion Ratio Lower Upper

153 100

152 51.8 39.8 59.8

154 86.7 69.0 103.6

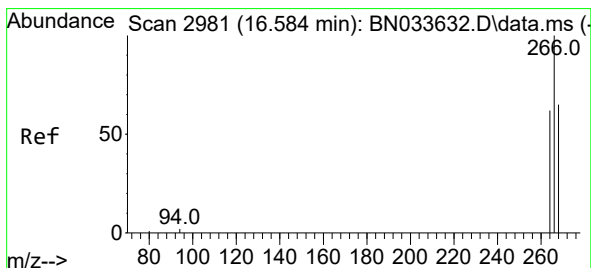
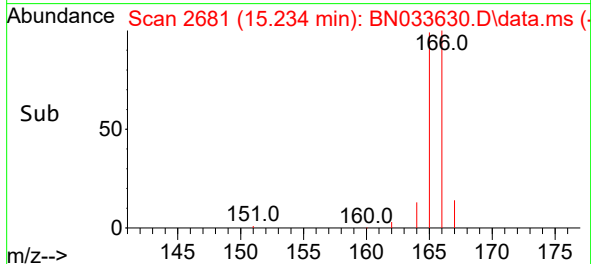
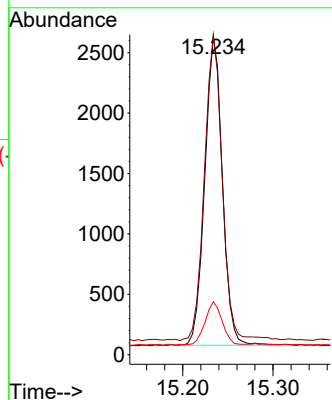
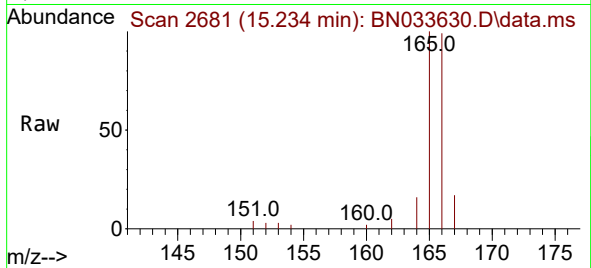




#12
Fluorene
Concen: 0.101 ng/ul
RT: 15.234 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

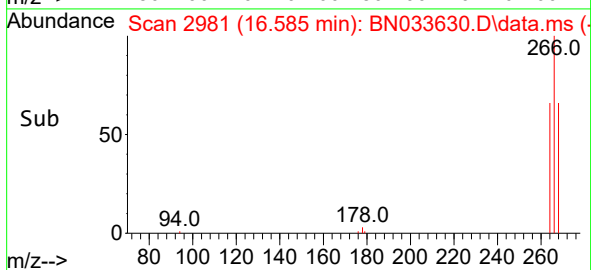
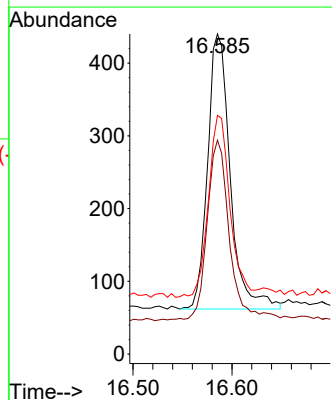
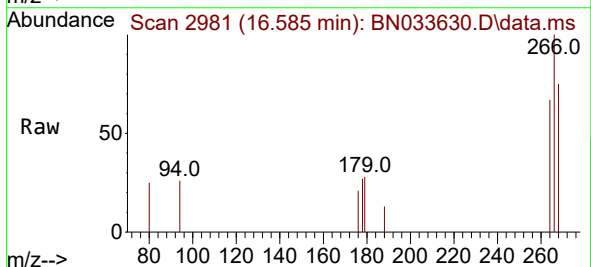
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

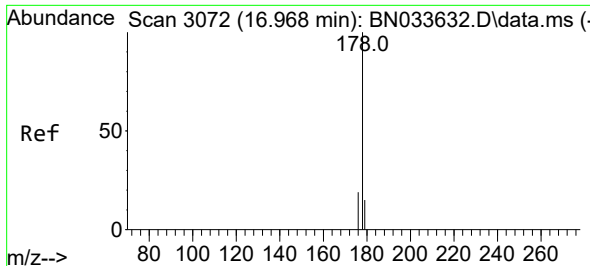
Tgt Ion:166 Resp: 3469
Ion Ratio Lower Upper
166 100
165 100.7 79.1 118.7
167 16.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.101 ng/ul
RT: 16.585 min Scan# 2981
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

Tgt Ion:266 Resp: 602
Ion Ratio Lower Upper
266 100
264 65.8 50.3 75.5
268 63.1 51.7 77.5

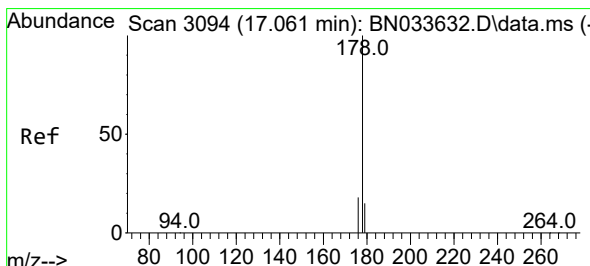
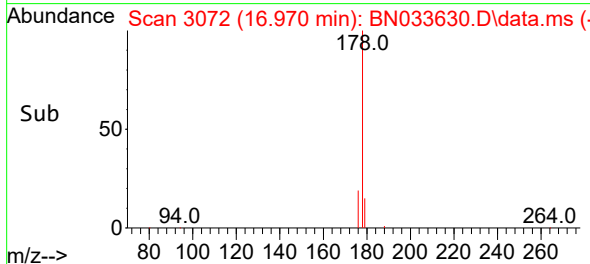
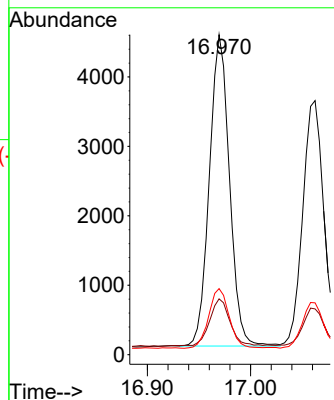
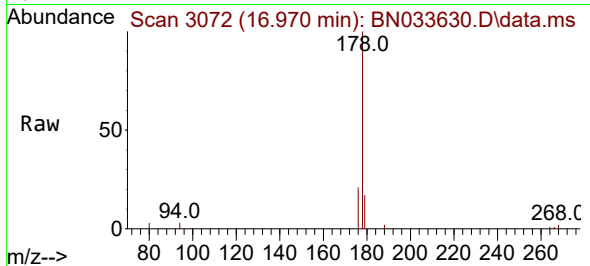




#15
Phenanthrene
Concen: 0.108 ng/ul
RT: 16.970 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

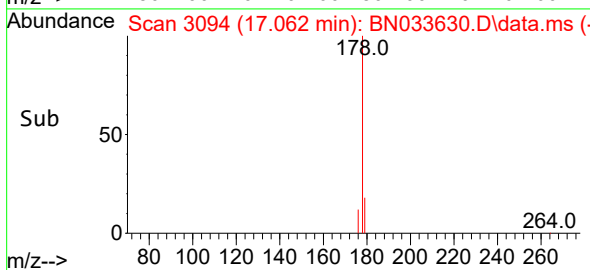
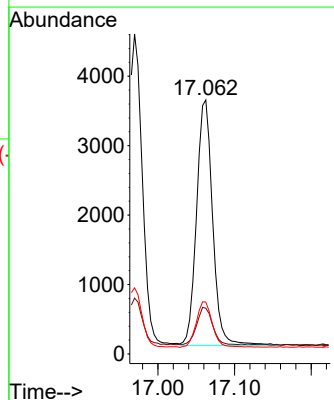
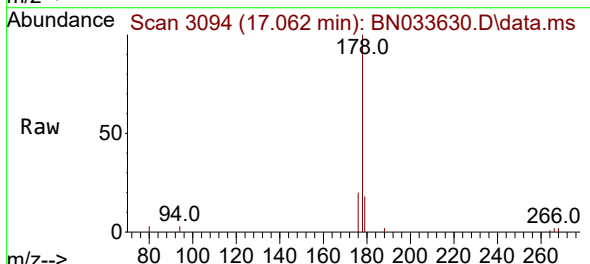
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

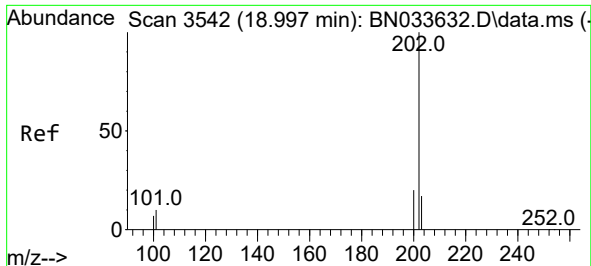
Tgt Ion:178 Resp: 6069
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 20.7 15.7 23.5



#16
Anthracene
Concen: 0.102 ng/ul
RT: 17.062 min Scan# 3094
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

Tgt Ion:178 Resp: 5148
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.4
176 20.4 15.2 22.8

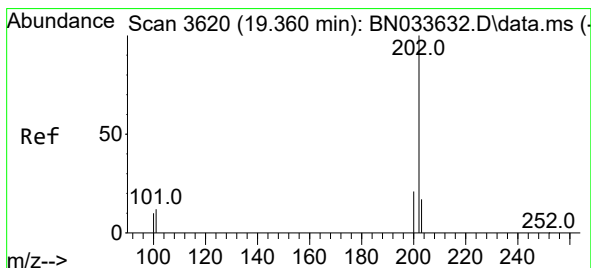
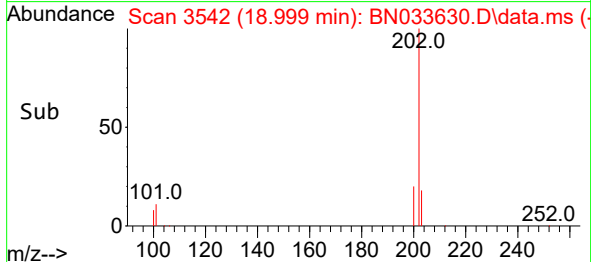
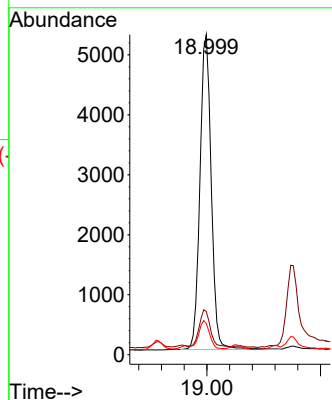
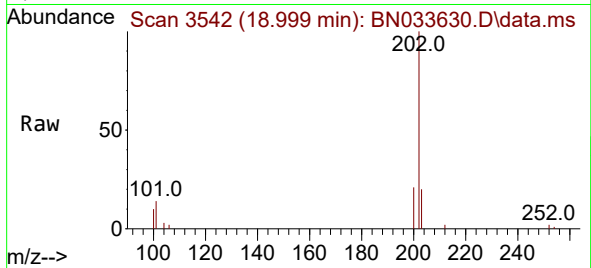




#19
Fluoranthene
Concen: 0.111 ng/ul
RT: 18.999 min Scan# 3542
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

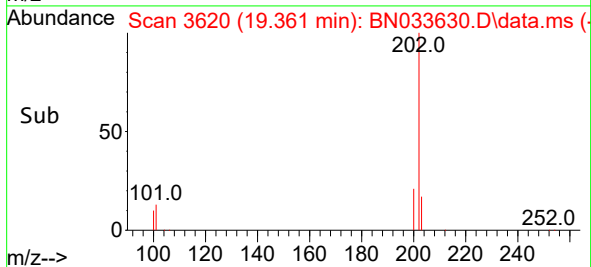
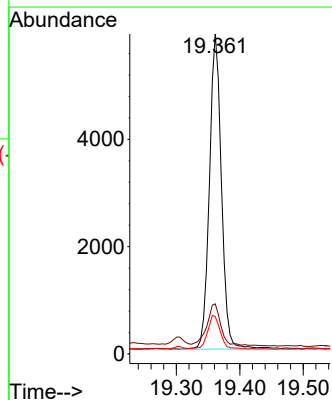
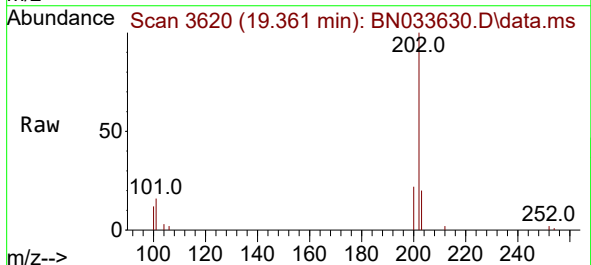
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BNA_N
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SSTD0.1202

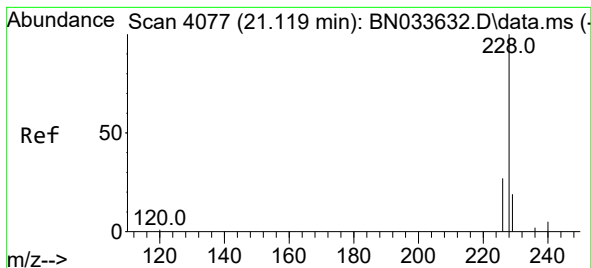
Tgt Ion:202 Resp: 7252
Ion Ratio Lower Upper
202 100
101 13.5 9.0 13.4#
100 9.7 6.7 10.1



#20
Pyrene
Concen: 0.112 ng/ul
RT: 19.361 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

Tgt Ion:202 Resp: 7770
Ion Ratio Lower Upper
202 100
101 15.6 10.8 16.2
100 11.7 8.7 13.1





#21

Benzo(a)anthracene

Concen: 0.114 ng/ul

RT: 21.124 min Scan# 4078

Delta R.T. 0.004 min

Lab File: BN033630.D

Acq: 27 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.1202

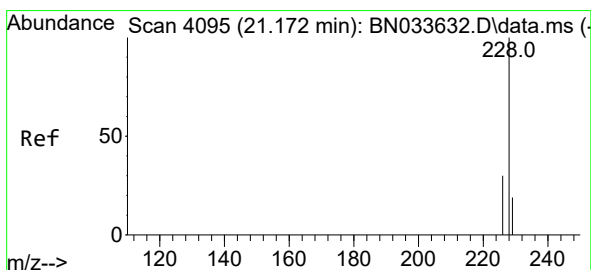
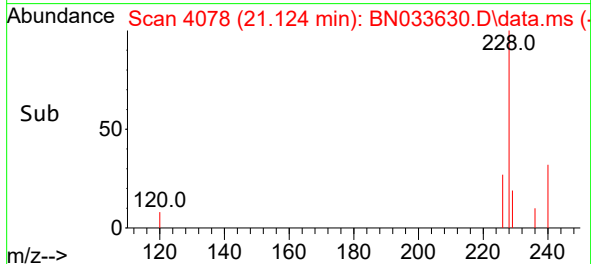
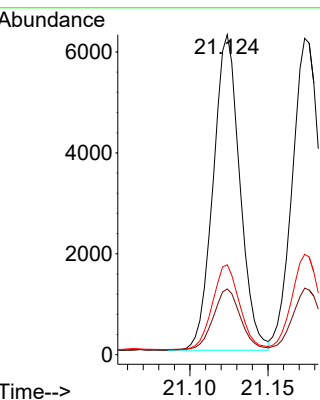
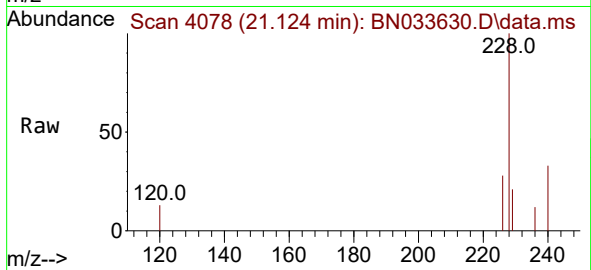
Tgt Ion:228 Resp: 7433

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.2

226 28.1 22.1 33.1



#22

Chrysene

Concen: 0.118 ng/ul

RT: 21.173 min Scan# 4095

Delta R.T. 0.001 min

Lab File: BN033630.D

Acq: 27 Aug 2024 11:11

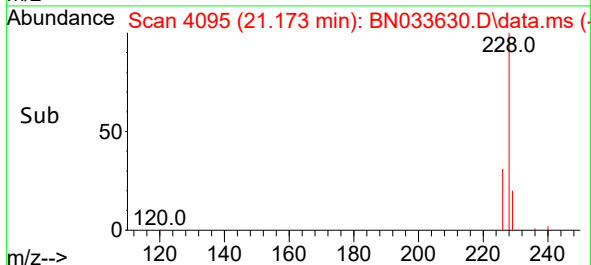
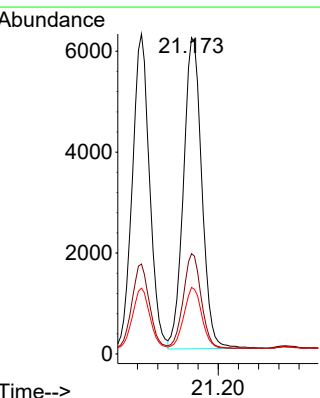
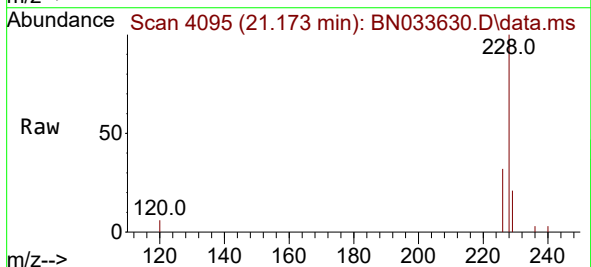
Tgt Ion:228 Resp: 7782

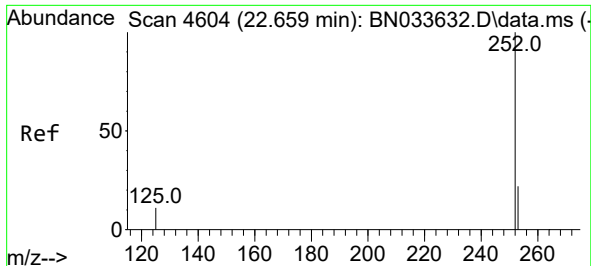
Ion Ratio Lower Upper

228 100

226 31.7 24.2 36.2

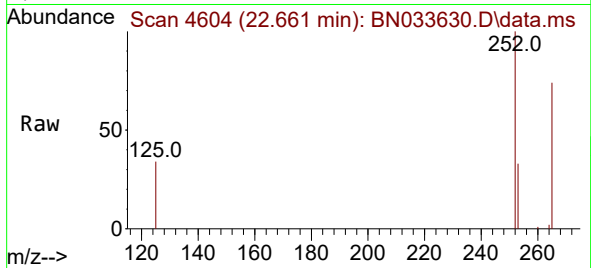
229 21.0 15.6 23.4



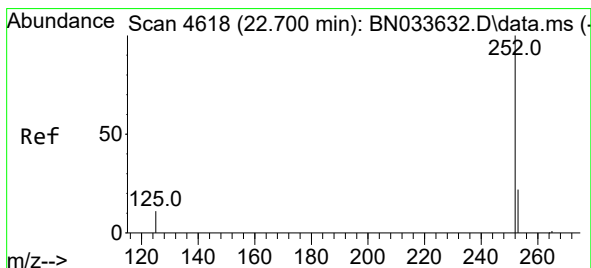
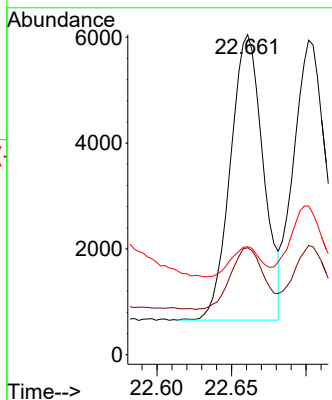


#24
Benzo(b)fluoranthene
Concen: 0.117 ng/ul
RT: 22.661 min Scan# 4604
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

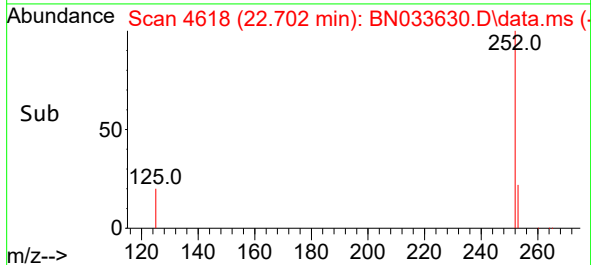
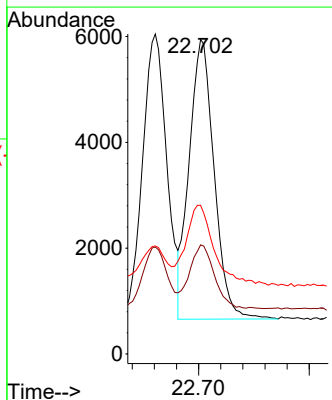
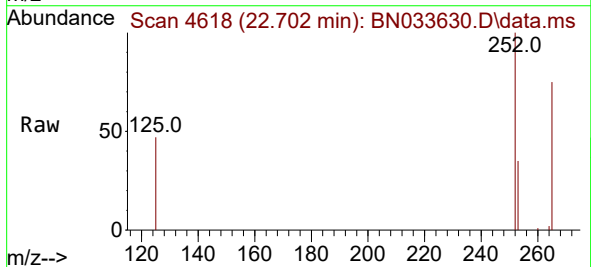


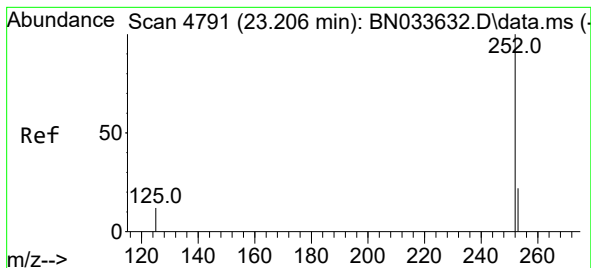
Tgt Ion:252 Resp: 8287
Ion Ratio Lower Upper
252 100
253 33.4 0.0 52.8
125 33.8 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.116 ng/ul
RT: 22.702 min Scan# 4618
Delta R.T. 0.001 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

Tgt Ion:252 Resp: 8283
Ion Ratio Lower Upper
252 100
253 34.7 21.4 32.0#
125 47.3 15.1 22.7#





#26

Benzo(a)pyrene

Concen: 0.112 ng/ul

RT: 23.210 min Scan# 41

Delta R.T. 0.004 min

Lab File: BN033630.D

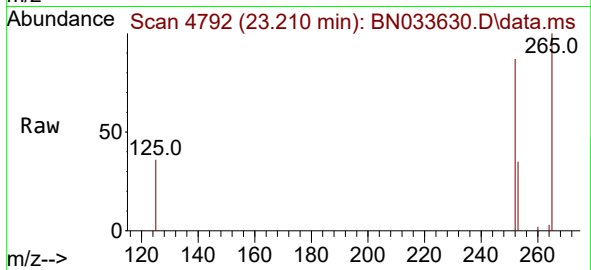
Acq: 27 Aug 2024 11:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.1202



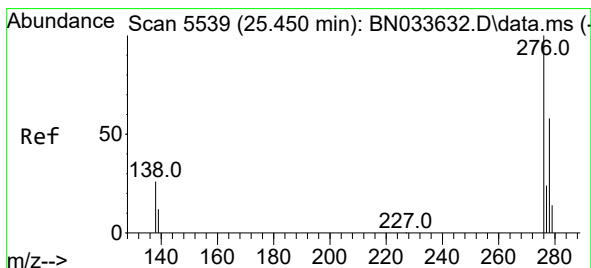
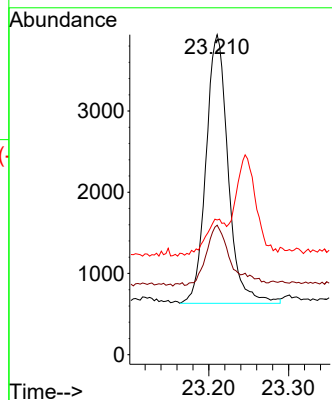
Tgt Ion:252 Resp: 6366

Ion Ratio Lower Upper

252 100

253 40.5 22.8 34.2#

125 42.1 18.0 27.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.117 ng/ul

RT: 25.455 min Scan# 5540

Delta R.T. 0.005 min

Lab File: BN033630.D

Acq: 27 Aug 2024 11:11

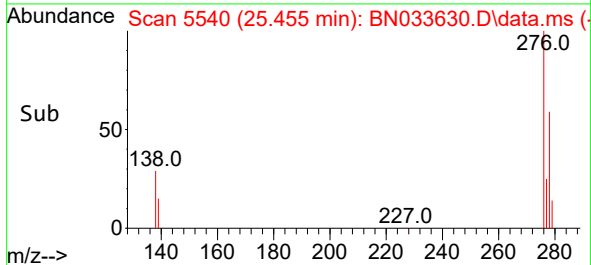
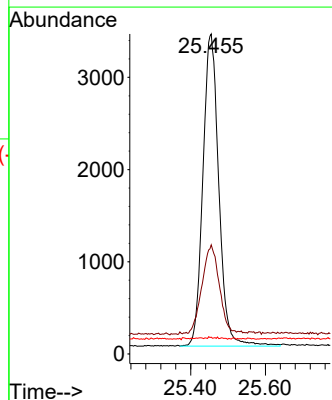
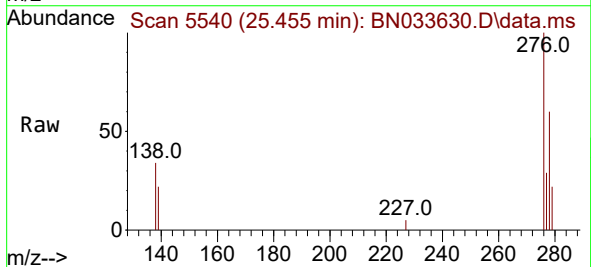
Tgt Ion:276 Resp: 9997

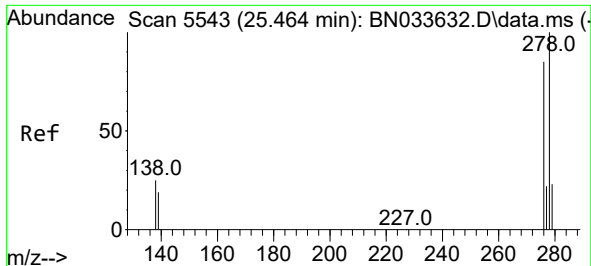
Ion Ratio Lower Upper

276 100

138 31.1 22.3 33.5

227 0.1 0.2 0.4#

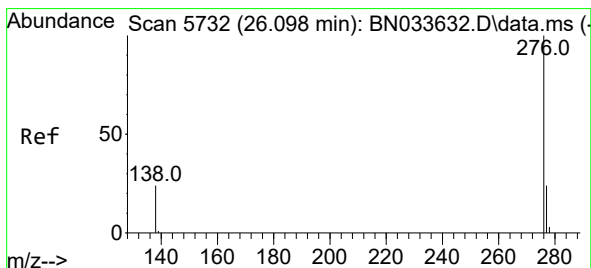
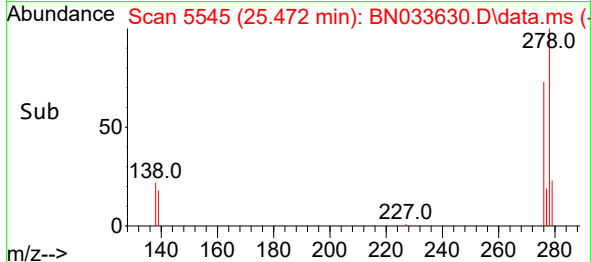
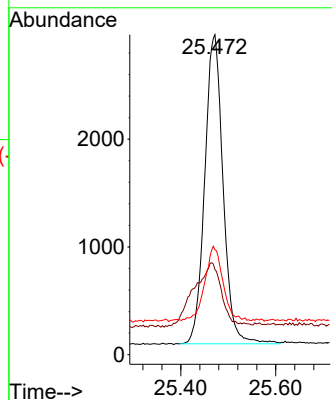
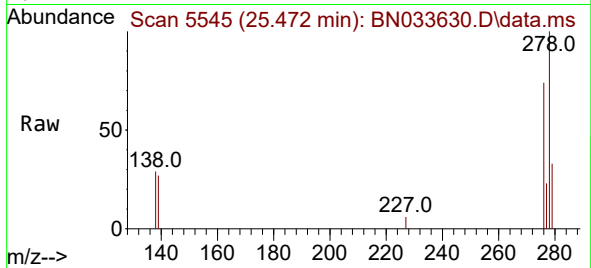




#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.472 min Scan# 51
Delta R.T. 0.008 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:278 Resp: 7693
Ion Ratio Lower Upper
278 100
139 26.6 17.3 25.9#
279 32.8 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.116 ng/ul
RT: 26.106 min Scan# 5734
Delta R.T. 0.008 min
Lab File: BN033630.D
Acq: 27 Aug 2024 11:11

Tgt Ion:276 Resp: 7743
Ion Ratio Lower Upper
276 100
138 31.1 20.8 31.2
277 27.7 20.2 30.4

