

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082724\
 Data File : BN033635.D
 Acq On : 27 Aug 2024 14:12
 Operator : MA/JU
 Sample : SSTD3.224
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2207

Quant Time: Aug 27 23:38:15 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)

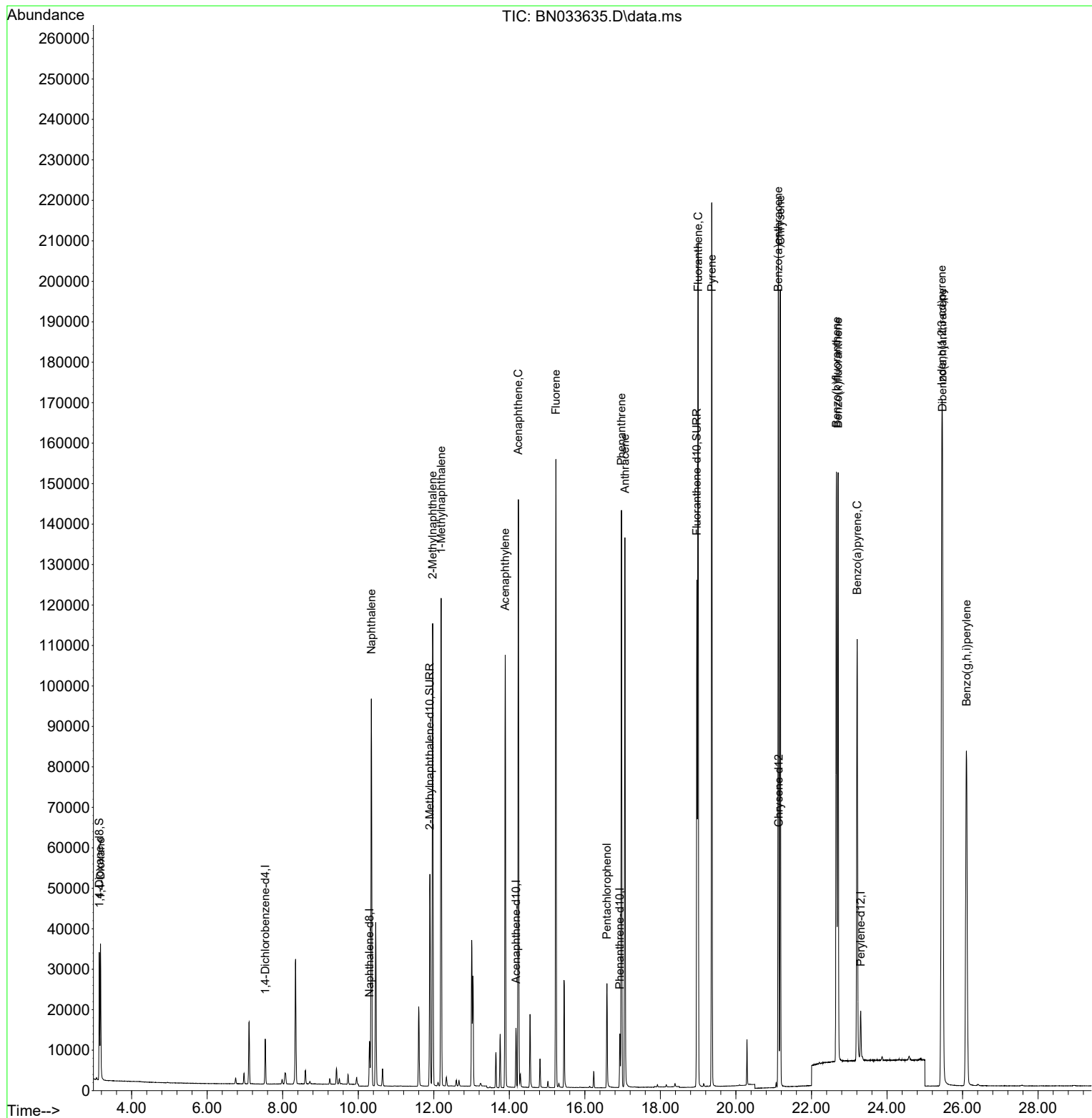
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5285	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	14488	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	7810	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	15244	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	13545	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	14593	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	17510	3.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	67488	3.247	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	130727	3.237	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	19719	3.271	ng/ul#	79
5) Naphthalene	10.348	128	123249	3.181	ng/ul	99
7) 2-Methylnaphthalene	11.970	142	79907	3.255	ng/ul	100
8) 1-Methylnaphthalene	12.195	142	81655	3.234	ng/ul	99
10) Acenaphthylene	13.891	152	116860	3.295	ng/ul	99
11) Acenaphthene	14.238	153	81877	3.198	ng/ul	99
12) Fluorene	15.233	166	93525	3.269	ng/ul	99
14) Pentachlorophenol	16.584	266	16687	3.479	ng/ul	99
15) Phenanthrene	16.968	178	144490	3.213	ng/ul	99
16) Anthracene	17.061	178	137818	3.410	ng/ul	98
19) Fluoranthene	18.998	202	167348	3.131	ng/ul	100
20) Pyrene	19.360	202	174300	3.072	ng/ul	100
21) Benzo(a)anthracene	21.123	228	166464	3.122	ng/ul	99
22) Chrysene	21.175	228	160909	2.987	ng/ul	100
24) Benzo(b)fluoranthene	22.660	252	167361	2.954	ng/ul	89
25) Benzo(k)fluoranthene	22.703	252	171753	3.026	ng/ul#	89
26) Benzo(a)pyrene	23.209	252	142023	3.123	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.454	276	203191	2.974	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.471	278	158917	2.995	ng/ul	93
29) Benzo(g,h,i)perylene	26.104	276	157561	2.951	ng/ul	97

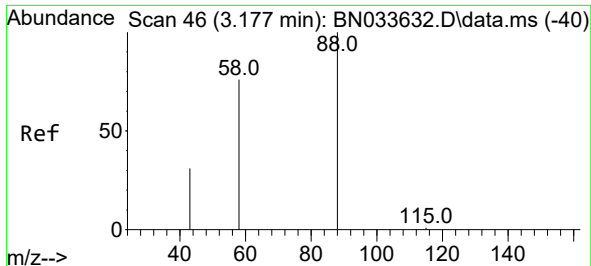
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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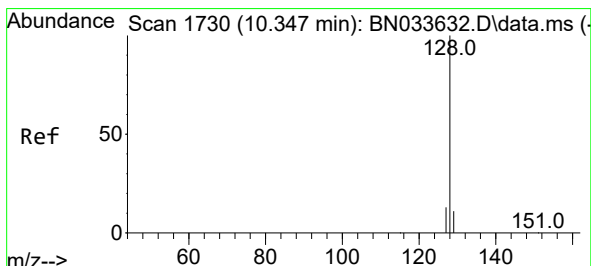
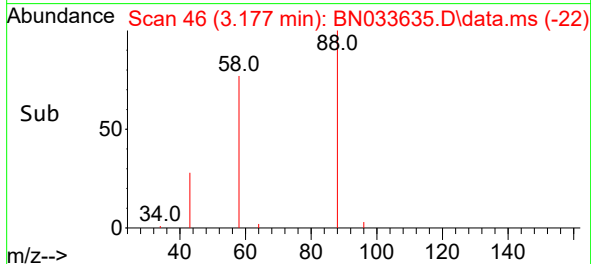
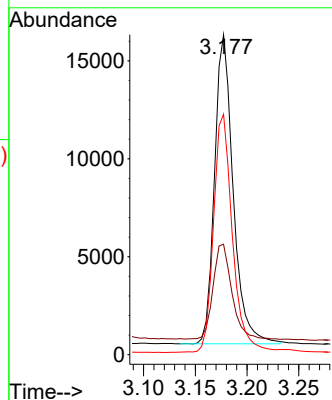
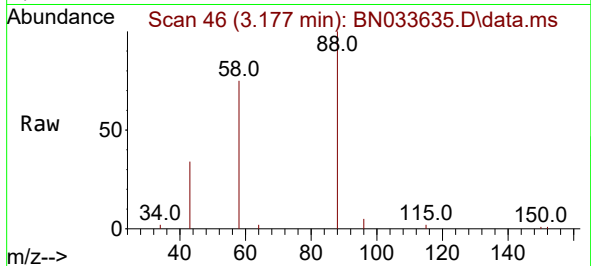




#2
1,4-Dioxane
Concen: 3.271 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

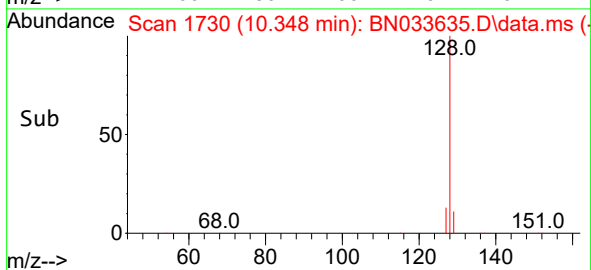
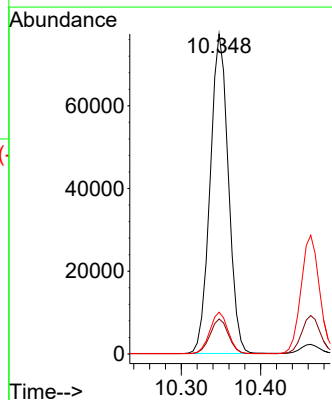
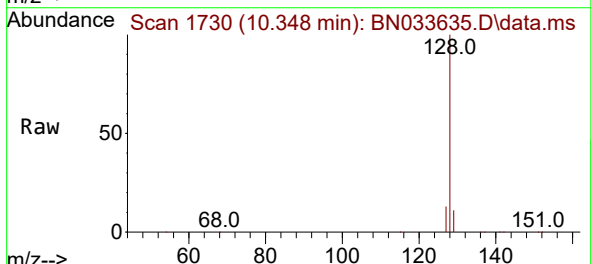
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

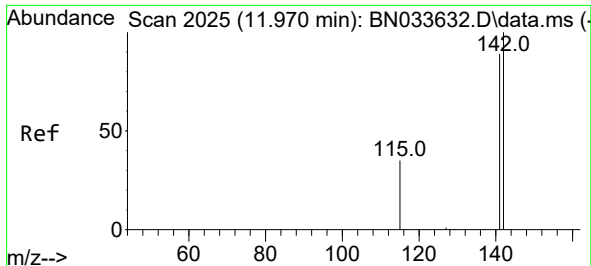
Tgt Ion: 88 Resp: 19719
Ion Ratio Lower Upper
88 100
43 34.5 47.0 70.4#
58 75.1 53.0 79.4



#5
Naphthalene
Concen: 3.181 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Tgt Ion: 128 Resp: 123249
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.1 10.8 16.2

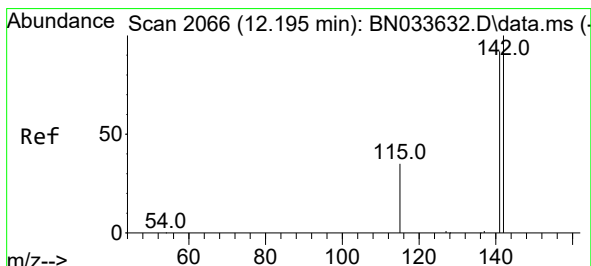
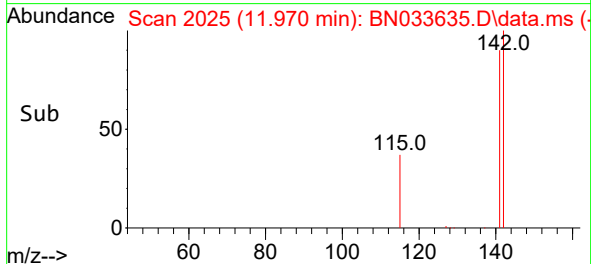
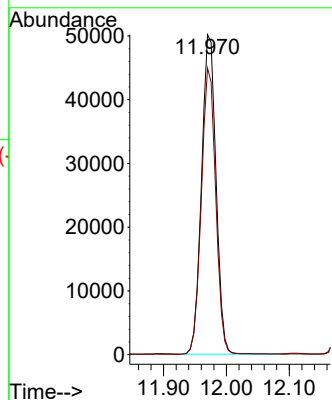
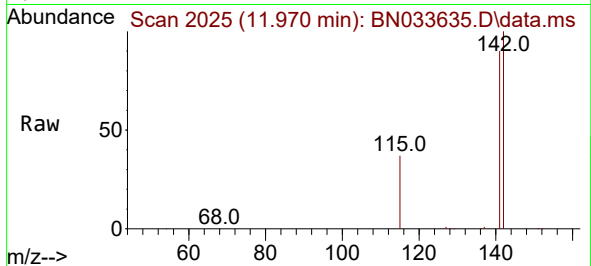




#7
2-Methylnaphthalene
Concen: 3.255 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

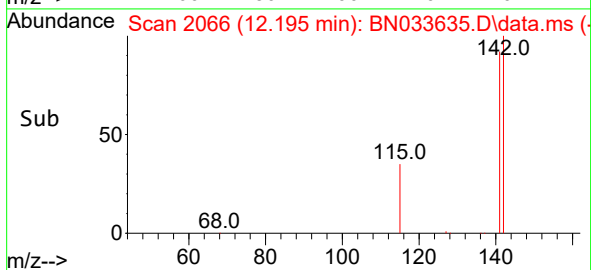
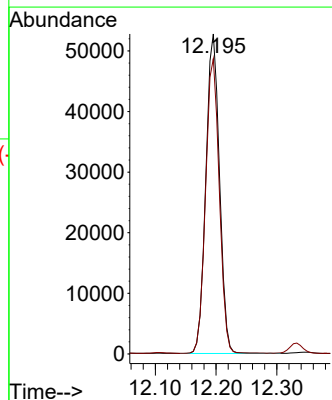
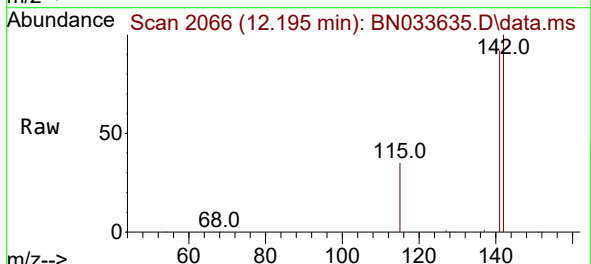
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

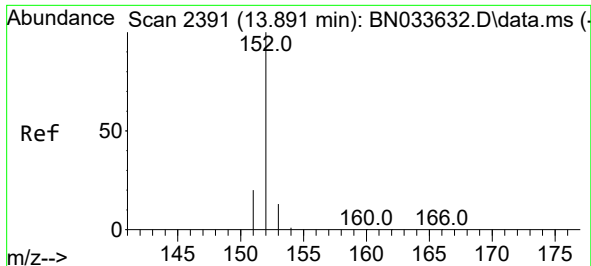
Tgt Ion:142 Resp: 79907
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 3.234 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Tgt Ion:142 Resp: 81655
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4

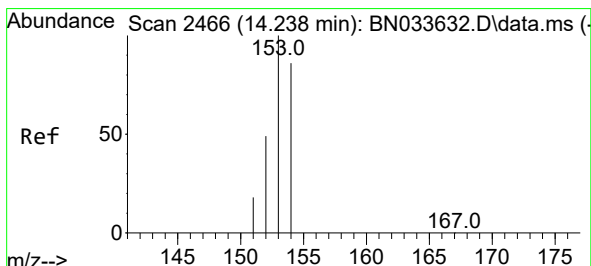
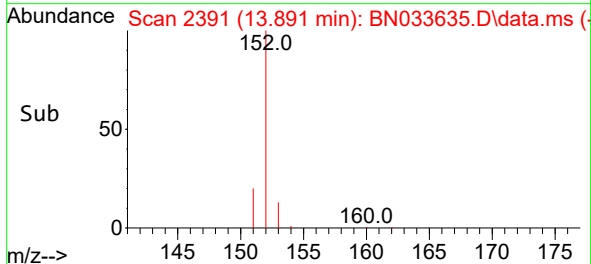
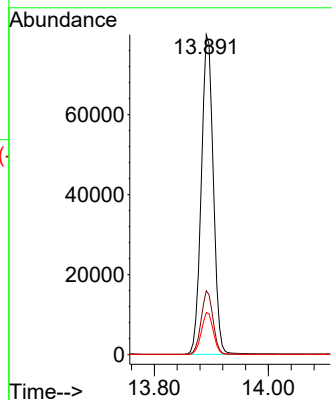
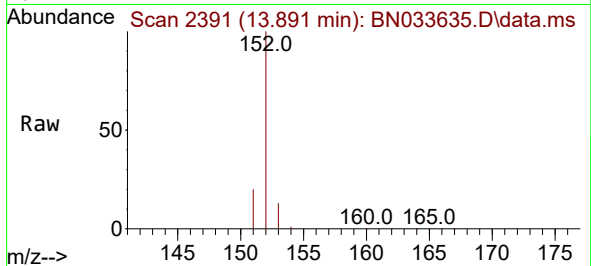




#10
Acenaphthylene
Concen: 3.295 ng/ul
RT: 13.891 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

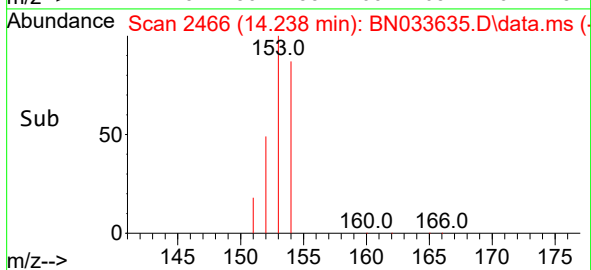
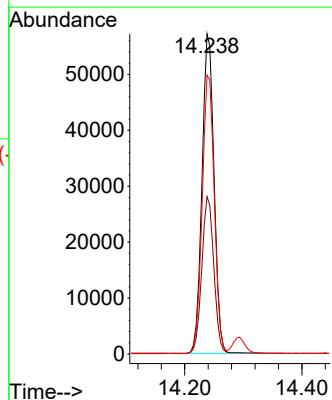
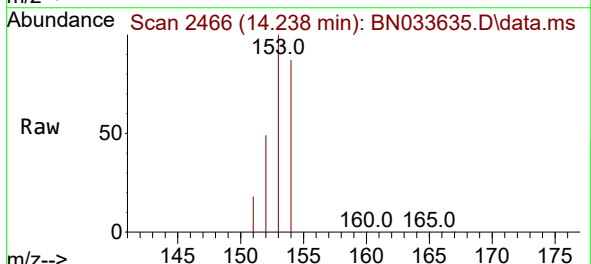
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

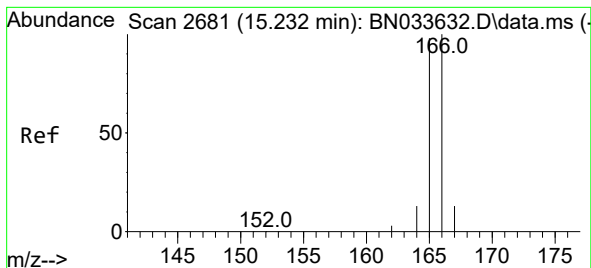
Tgt Ion:152 Resp: 116860
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.1 10.8 16.2



#11
Acenaphthene
Concen: 3.198 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Tgt Ion:153 Resp: 81877
Ion Ratio Lower Upper
153 100
152 49.2 39.8 59.8
154 87.1 69.0 103.6





#12

Fluorene

Concen: 3.269 ng/ul

RT: 15.233 min Scan# 2

Delta R.T. 0.000 min

Lab File: BN033635.D

Acq: 27 Aug 2024 14:12

Instrument :

BNA_N

ClientSampleId :

SSTD3.2207

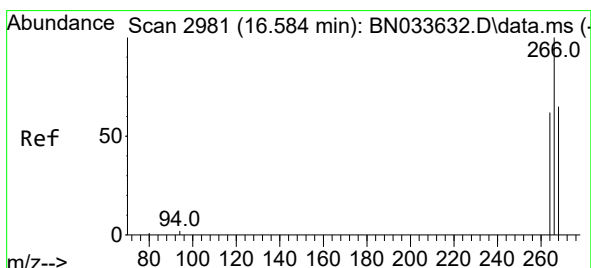
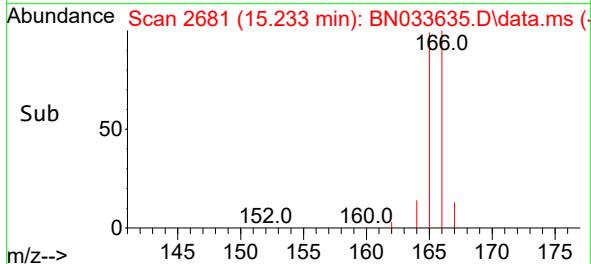
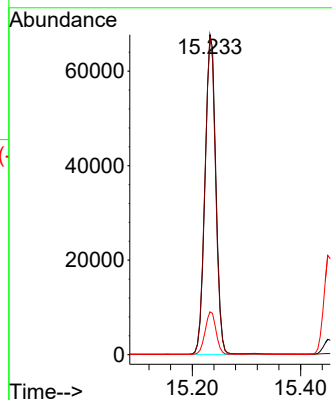
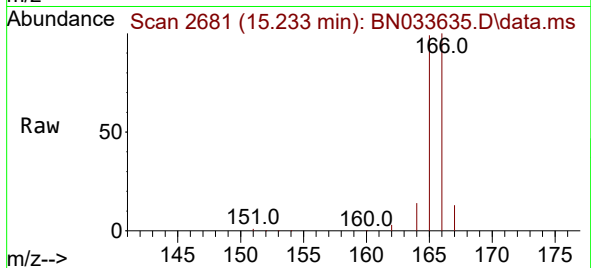
Tgt Ion:166 Resp: 93525

Ion Ratio Lower Upper

166 100

165 99.4 79.1 118.7

167 13.4 11.4 17.0



#14

Pentachlorophenol

Concen: 3.479 ng/ul

RT: 16.584 min Scan# 2981

Delta R.T. 0.000 min

Lab File: BN033635.D

Acq: 27 Aug 2024 14:12

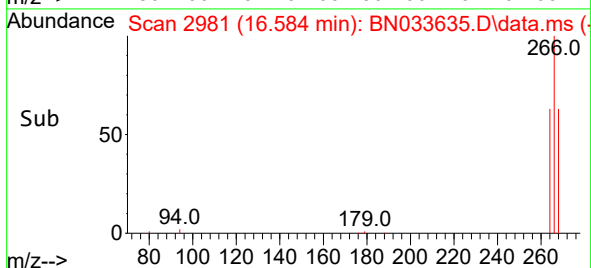
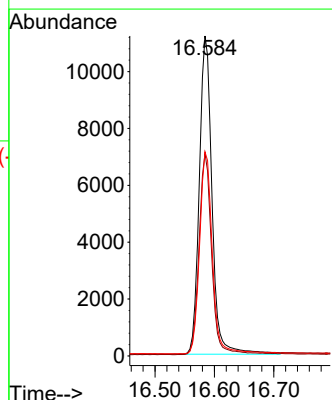
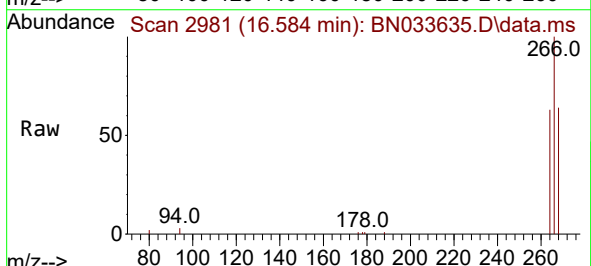
Tgt Ion:266 Resp: 16687

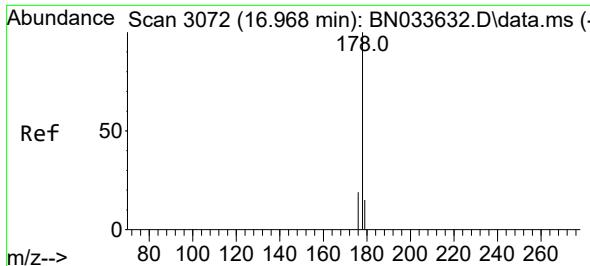
Ion Ratio Lower Upper

266 100

264 63.0 50.3 75.5

268 63.8 51.7 77.5

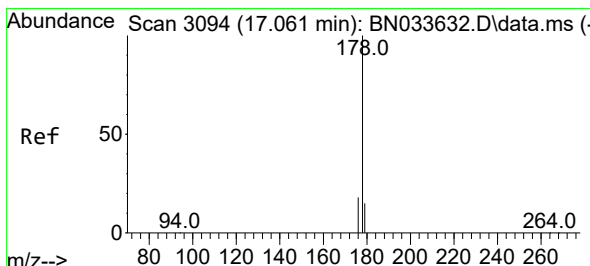
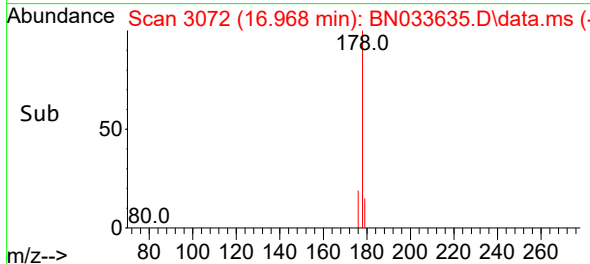
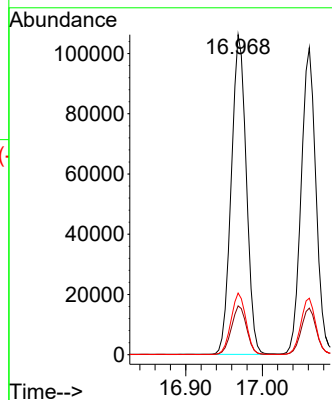
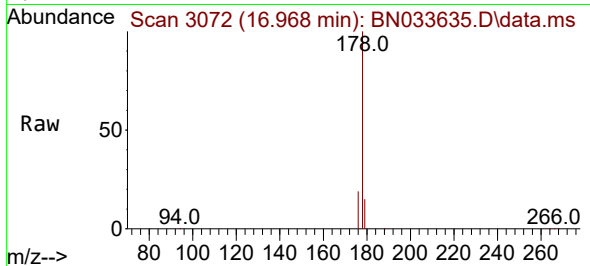




#15
Phenanthrene
Concen: 3.213 ng/ul
RT: 16.968 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

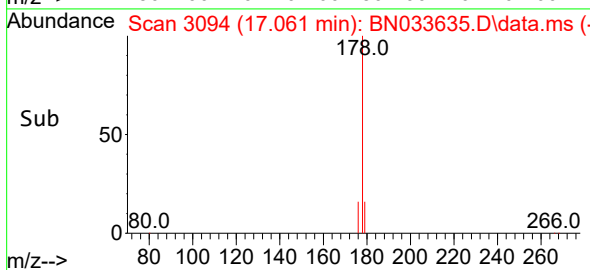
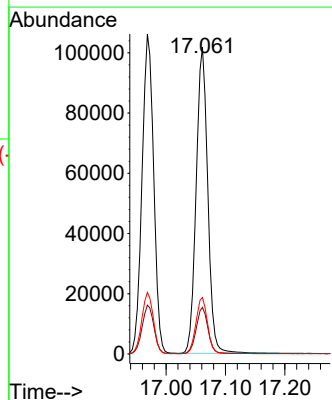
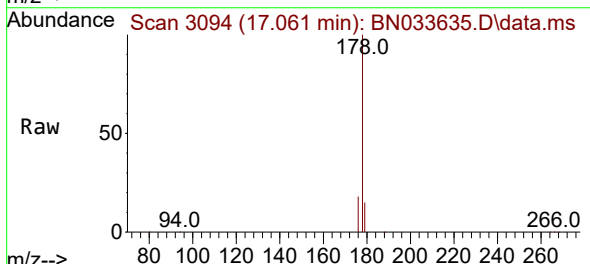
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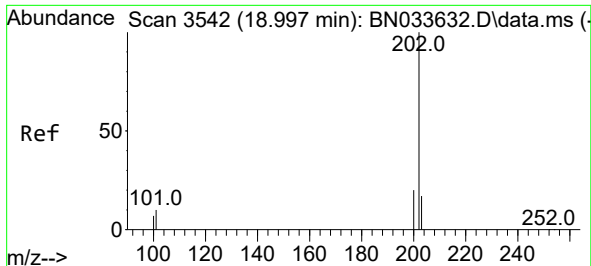
Tgt Ion:178 Resp: 144490
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.2 15.7 23.5



#16
Anthracene
Concen: 3.410 ng/ul
RT: 17.061 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Tgt Ion:178 Resp: 137818
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.4
176 18.4 15.2 22.8

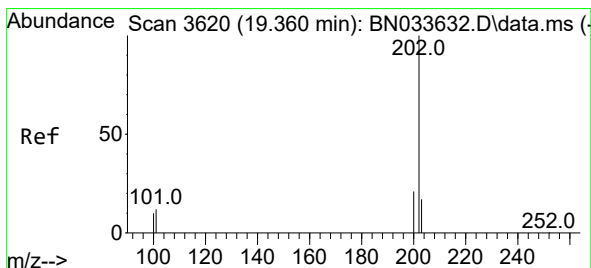
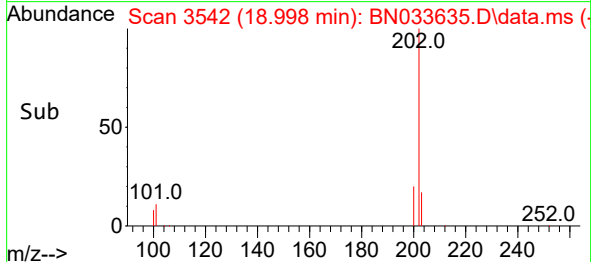
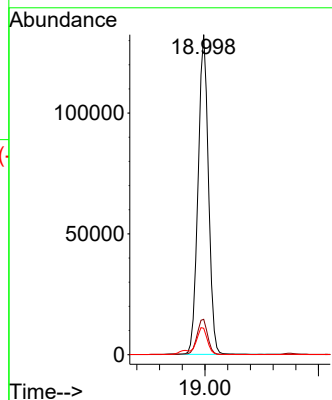
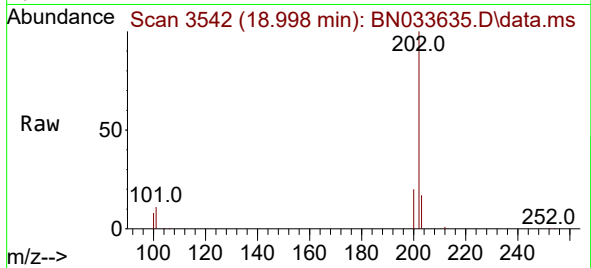




#19
Fluoranthene
Concen: 3.131 ng/ul
RT: 18.998 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

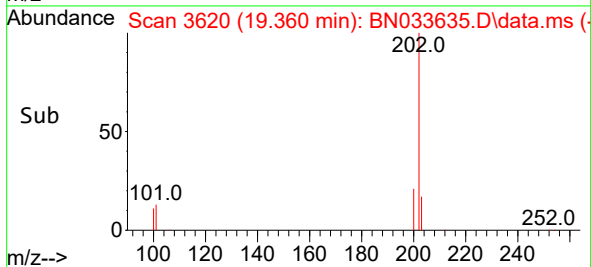
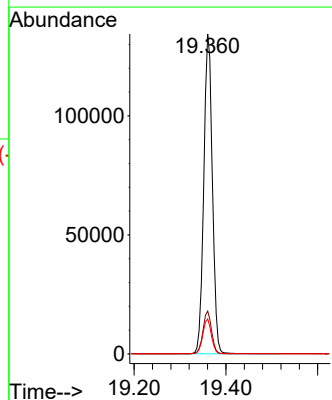
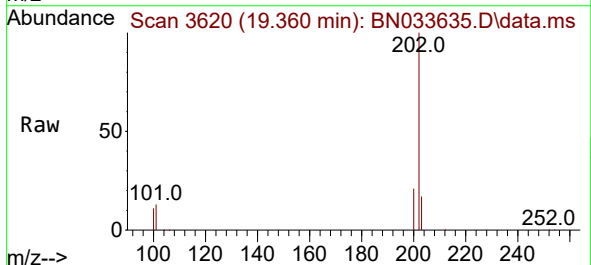
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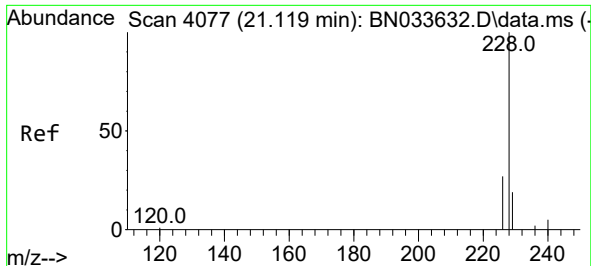
Tgt Ion:202 Resp: 167348
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.4
100 8.3 6.7 10.1



#20
Pyrene
Concen: 3.072 ng/ul
RT: 19.360 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

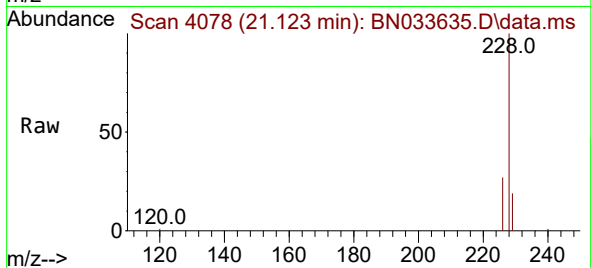
Tgt Ion:202 Resp: 174300
Ion Ratio Lower Upper
202 100
101 13.4 10.8 16.2
100 11.0 8.7 13.1



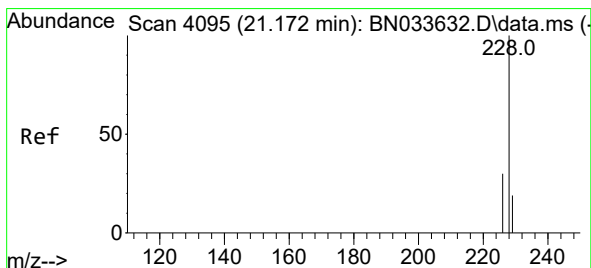
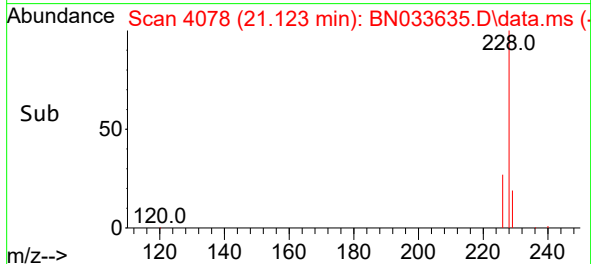
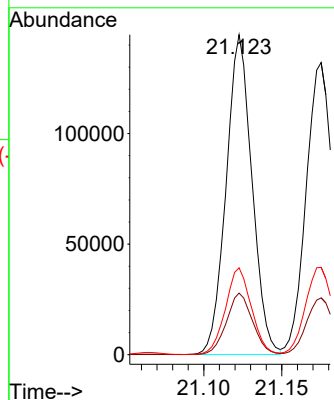


#21
Benzo(a)anthracene
Concen: 3.122 ng/ul
RT: 21.123 min Scan# 4078
Delta R.T. 0.003 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

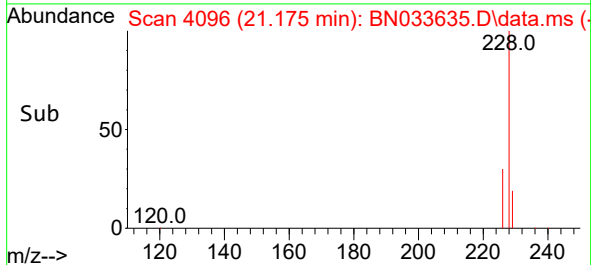
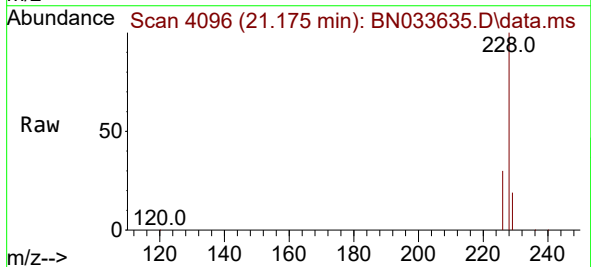
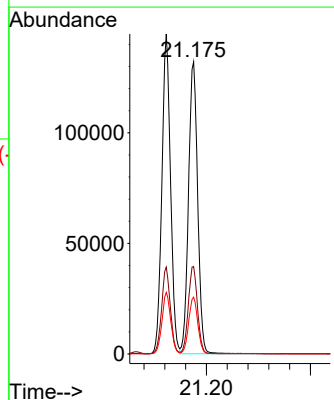


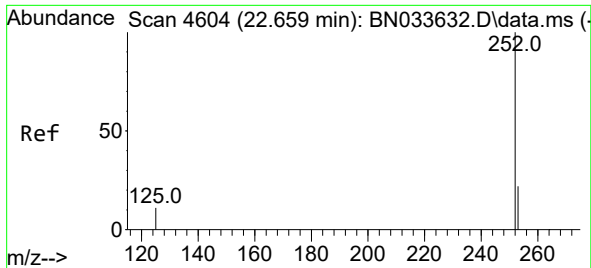
Tgt Ion:228 Resp: 166464
Ion Ratio Lower Upper
228 100
229 19.3 15.4 23.2
226 27.1 22.1 33.1



#22
Chrysene
Concen: 2.987 ng/ul
RT: 21.175 min Scan# 4096
Delta R.T. 0.003 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

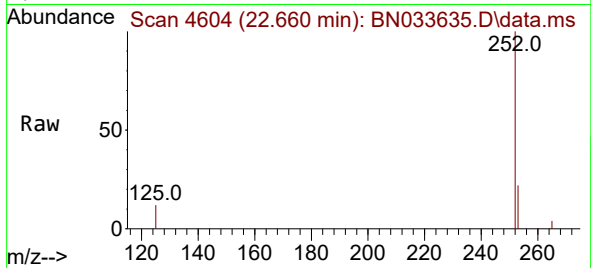
Tgt Ion:228 Resp: 160909
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.5 15.6 23.4



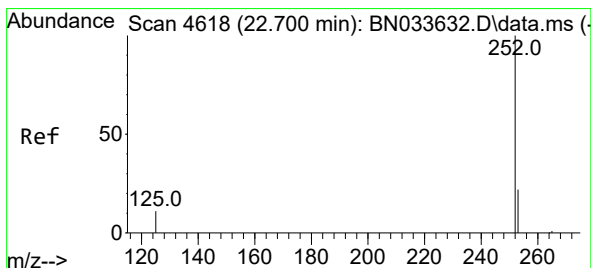
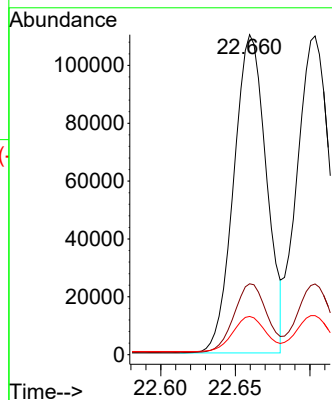


#24
Benzo(b)fluoranthene
Concen: 2.954 ng/ul
RT: 22.660 min Scan# 4604
Delta R.T. 0.000 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

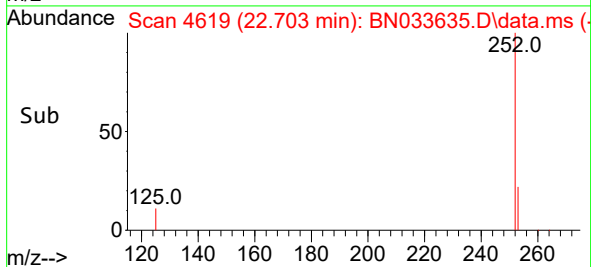
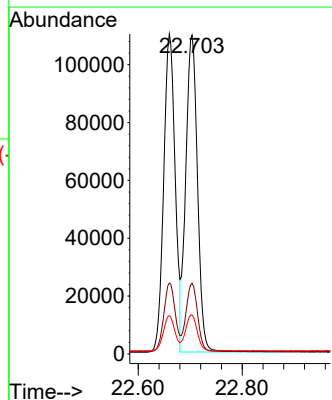
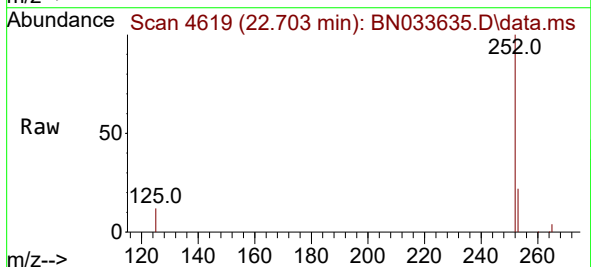


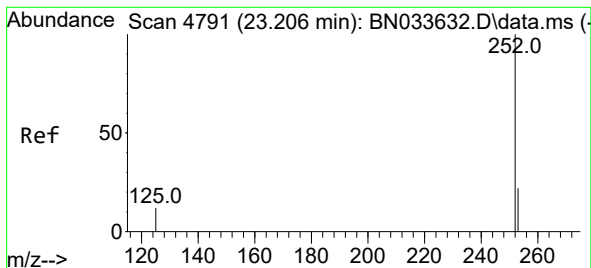
Tgt Ion:252 Resp: 167361
Ion Ratio Lower Upper
252 100
253 22.2 0.0 52.8
125 11.9 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 3.026 ng/ul
RT: 22.703 min Scan# 4619
Delta R.T. 0.003 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Tgt Ion:252 Resp: 171753
Ion Ratio Lower Upper
252 100
253 22.2 21.4 32.0
125 12.3 15.1 22.7#





#26

Benzo(a)pyrene

Concen: 3.123 ng/ul

RT: 23.209 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN033635.D

Acq: 27 Aug 2024 14:12

Instrument :

BNA_N

ClientSampleId :

SSTD3.2207

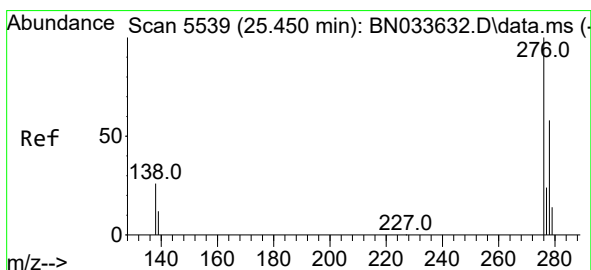
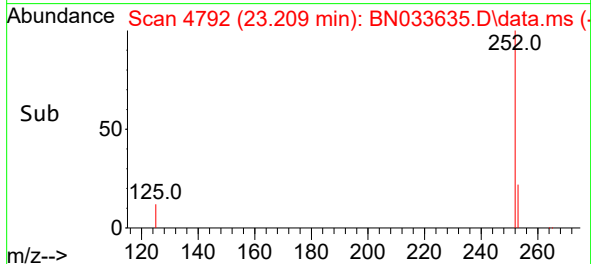
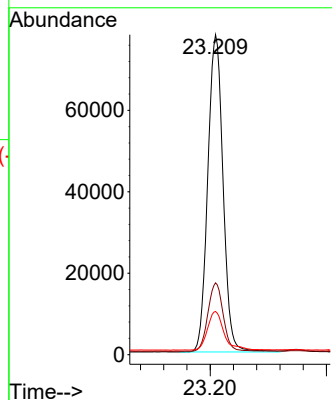
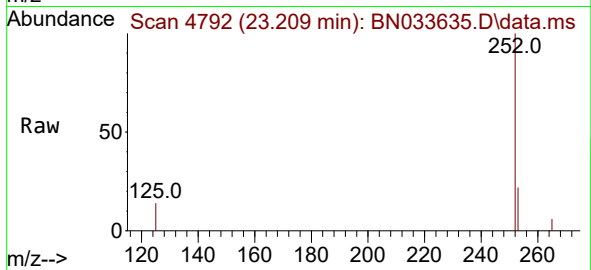
Tgt Ion:252 Resp: 142023

Ion Ratio Lower Upper

252 100

253 22.5 22.8 34.2#

125 13.5 18.0 27.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.974 ng/ul

RT: 25.454 min Scan# 5540

Delta R.T. 0.004 min

Lab File: BN033635.D

Acq: 27 Aug 2024 14:12

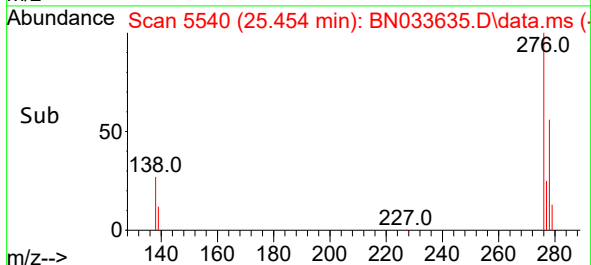
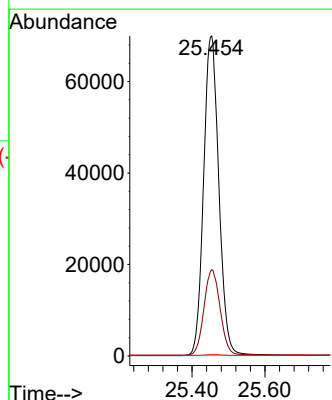
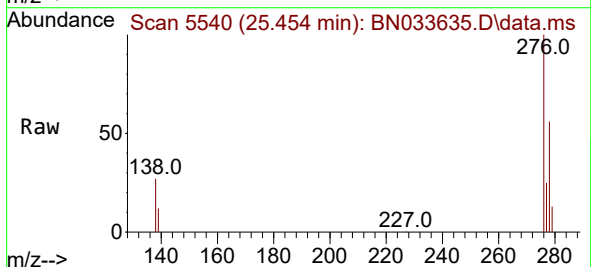
Tgt Ion:276 Resp: 203191

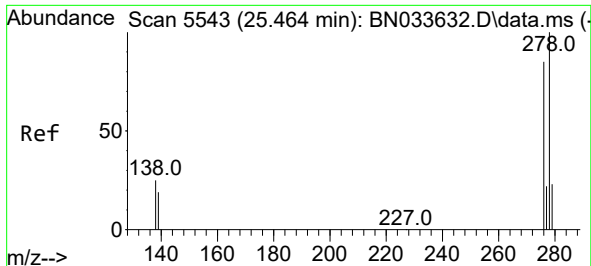
Ion Ratio Lower Upper

276 100

138 28.3 22.3 33.5

227 0.2 0.2 0.4#

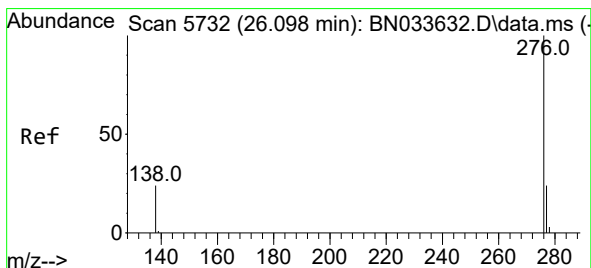
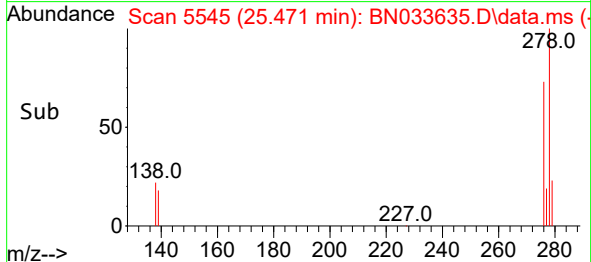
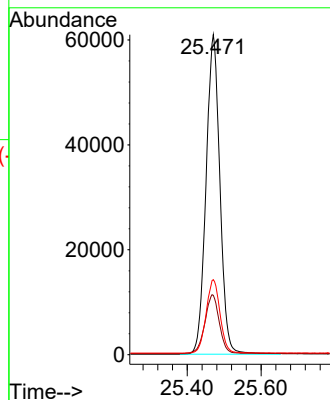
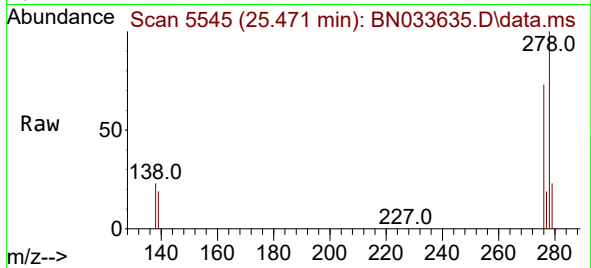




#28
Dibenzo(a,h)anthracene
Concen: 2.995 ng/ul
RT: 25.471 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:278 Resp: 158917
Ion Ratio Lower Upper
278 100
139 18.6 17.3 25.9
279 23.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 2.951 ng/ul
RT: 26.104 min Scan# 5734
Delta R.T. 0.007 min
Lab File: BN033635.D
Acq: 27 Aug 2024 14:12

Tgt Ion:276 Resp: 157561
Ion Ratio Lower Upper
276 100
138 24.4 20.8 31.2
277 24.0 20.2 30.4

