

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033112.D
 Acq On : 30 Jul 2024 18:40
 Operator : MA/JU
 Sample : P3347-07RE
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ6

Quant Time: Jul 30 23:57:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

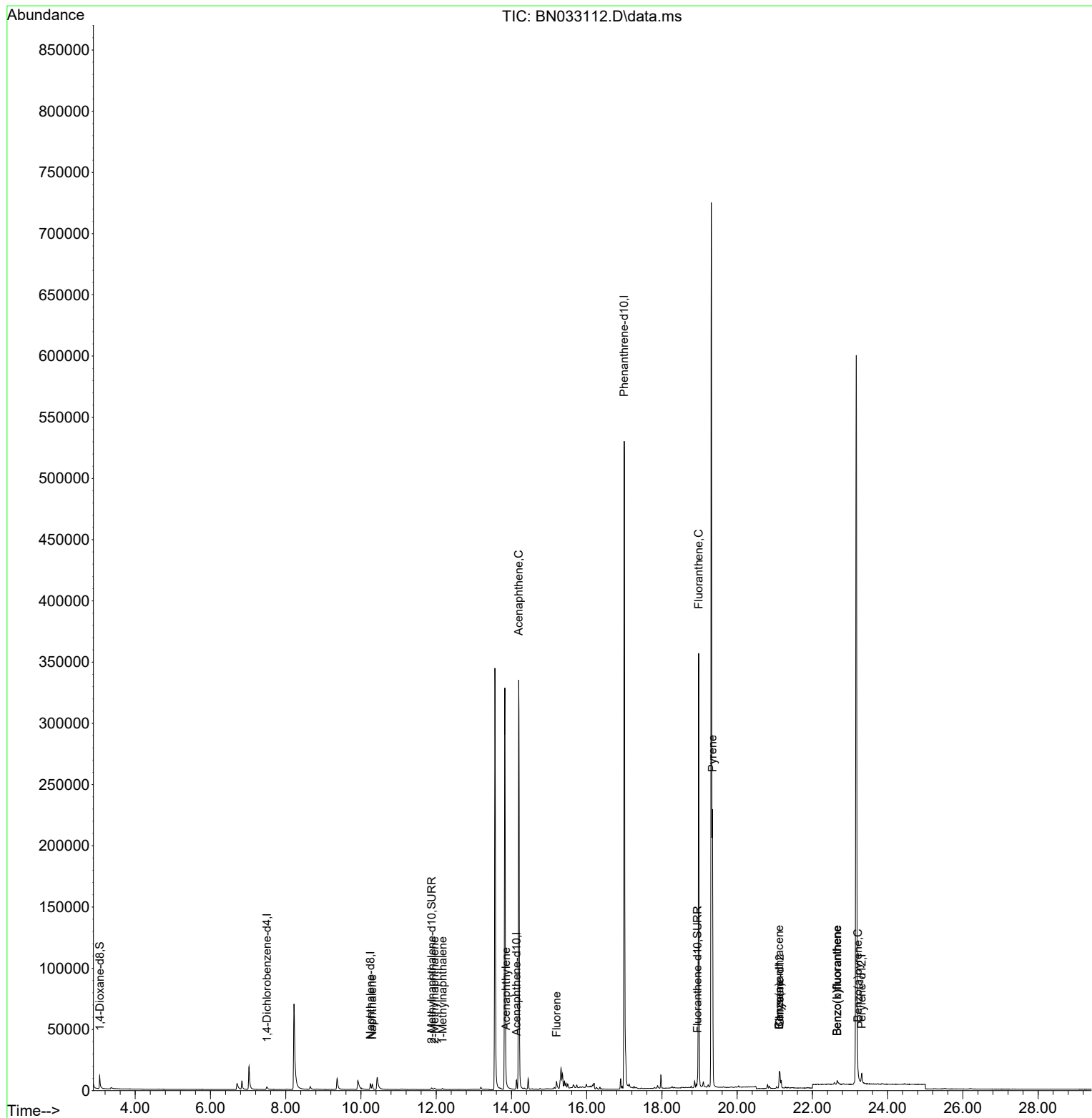
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	1780	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.251	136	6566	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.134	164	4182	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.996	188	614668	0.400	ng/ul	0.06
17) Chrysene-d12	21.131	240	7155	0.400	ng/ul	-0.02
23) Perylene-d12	23.311	264	14301	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7860	3.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	2792	0.261	ng/ul	-0.05
18) Fluoranthene-d10	18.944	212	8629	0.426	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.300	128	6555	0.389	ng/ul	97
7) 2-Methylnaphthalene	11.956	142	1176	0.103	ng/ul	95
8) 1-Methylnaphthalene	12.170	142	838	0.068	ng/ul	97
10) Acenaphthylene	13.856	152	2278	0.133	ng/ul#	82
11) Acenaphthene	14.194	153	204767	15.906	ng/ul	98
12) Fluorene	15.198	166	4562	0.304	ng/ul#	98
19) Fluoranthene	18.977	202	309114	13.121	ng/ul	96
20) Pyrene	19.344	202	193009	7.640	ng/ul	95
21) Benzo(a)anthracene	21.116	228	9182	0.376	ng/ul	95
22) Chrysene	21.116	228	9182	0.322	ng/ul	97
24) Benzo(b)fluoranthene	22.659	252	5777	0.138	ng/ul	66
25) Benzo(k)fluoranthene	22.659	252	5777	0.115	ng/ul#	67
26) Benzo(a)pyrene	23.209	252	1000	0.025	ng/ul#	6

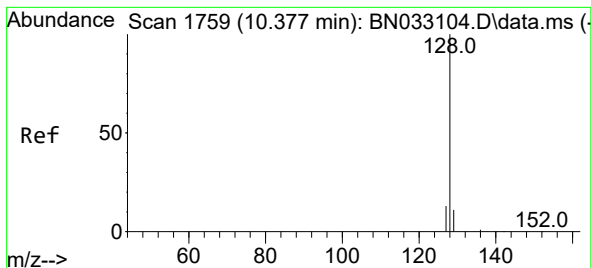
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
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QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.389 ng/ul

RT: 10.300 min Scan# 1

Delta R.T. -0.077 min

Lab File: BN033112.D

Acq: 30 Jul 2024 18:40

Instrument :

BNA_N

ClientSampleId :

C0AZ6

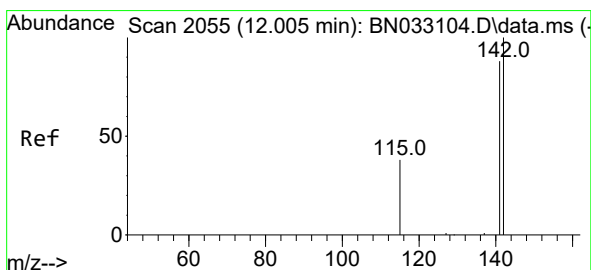
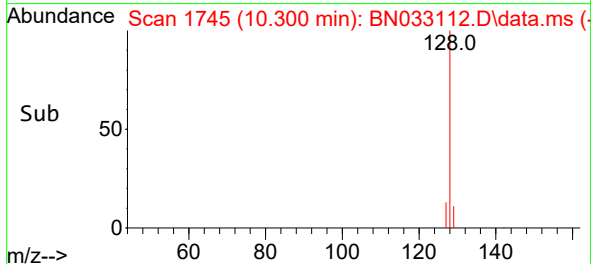
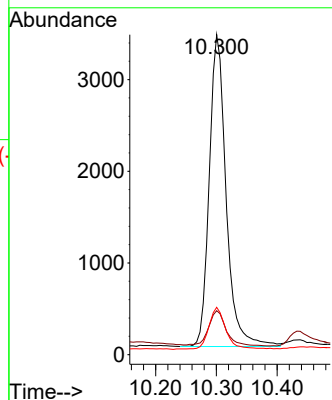
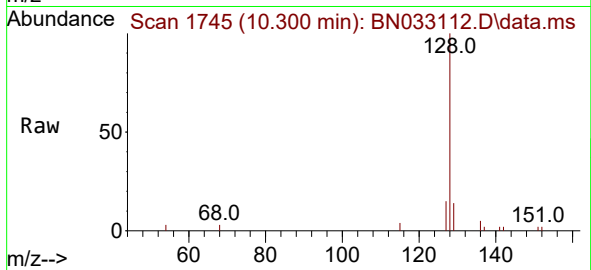
Tgt Ion:128 Resp: 6555

Ion Ratio Lower Upper

128 100

129 13.8 12.0 18.0

127 14.8 12.7 19.1



#7

2-Methylnaphthalene

Concen: 0.103 ng/ul

RT: 11.956 min Scan# 2046

Delta R.T. -0.049 min

Lab File: BN033112.D

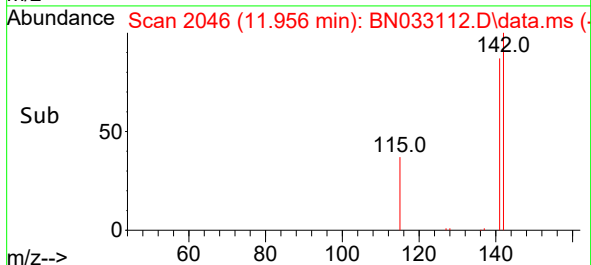
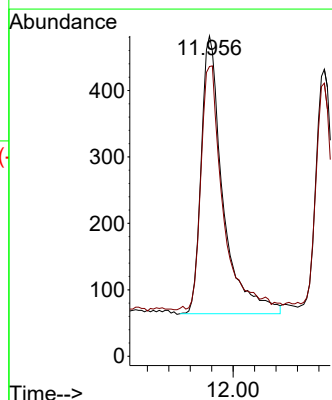
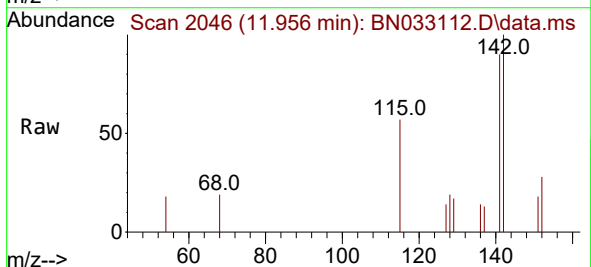
Acq: 30 Jul 2024 18:40

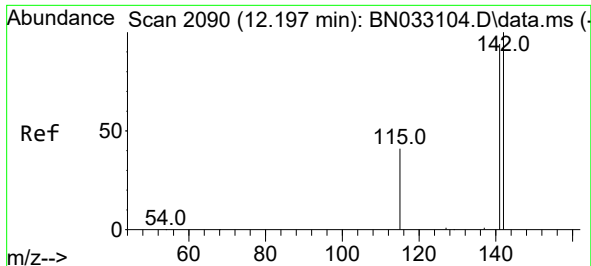
Tgt Ion:142 Resp: 1176

Ion Ratio Lower Upper

142 100

141 88.7 75.2 112.8

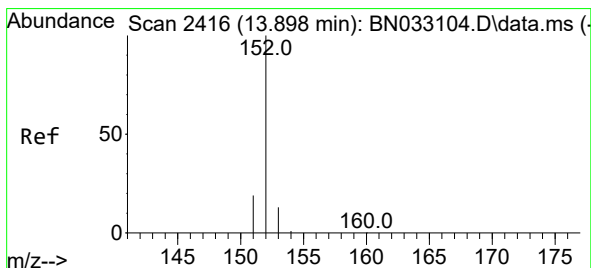
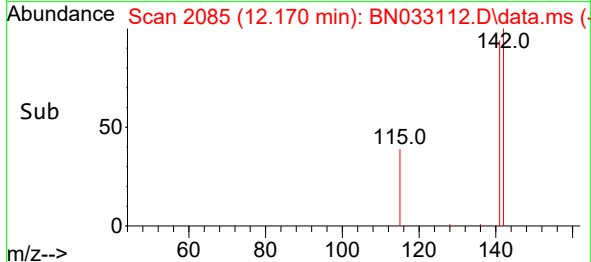
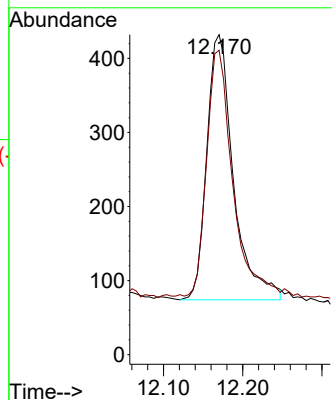
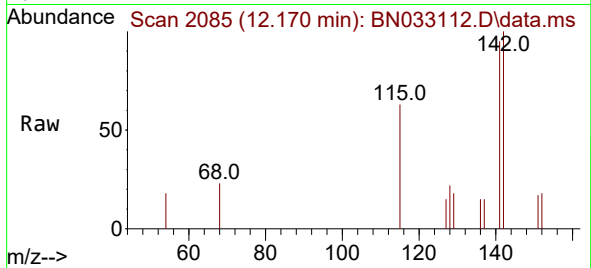




#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.170 min Scan# 2090
Delta R.T. -0.027 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

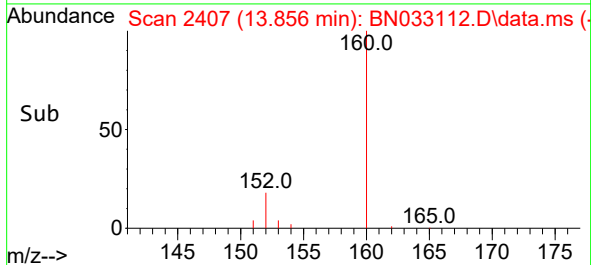
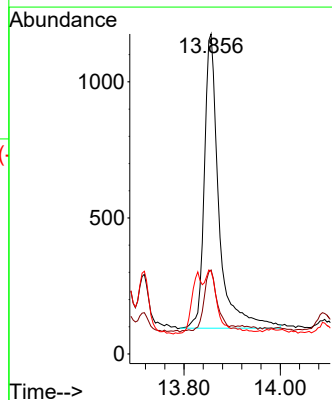
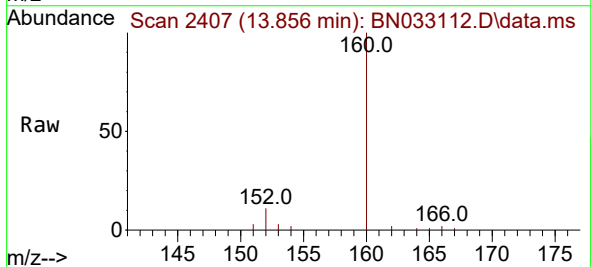
Instrument :
BNA_N
ClientSampleId :
C0AZ6

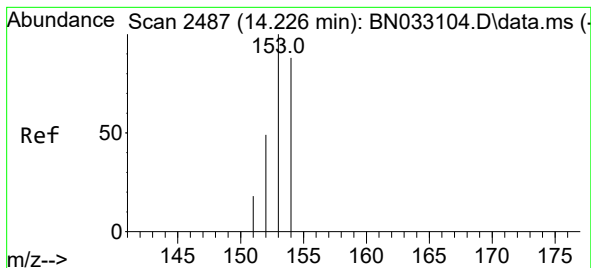
Tgt Ion:142 Resp: 838
Ion Ratio Lower Upper
142 100
141 89.9 74.3 111.5



#10
Acenaphthylene
Concen: 0.133 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Tgt Ion:152 Resp: 2278
Ion Ratio Lower Upper
152 100
151 26.3 16.8 25.2#
153 25.9 11.9 17.9#





#11

Acenaphthene

Concen: 15.906 ng/ul

RT: 14.194 min Scan# 2480

Delta R.T. -0.032 min

Lab File: BN033112.D

Acq: 30 Jul 2024 18:40

Instrument :

BNA_N

ClientSampleId :

C0AZ6

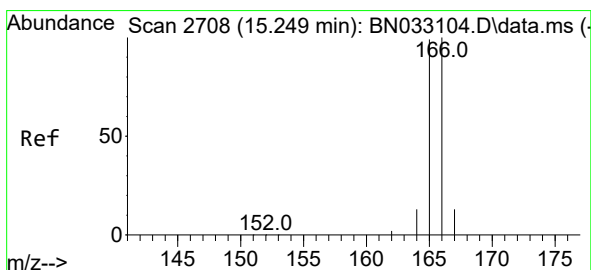
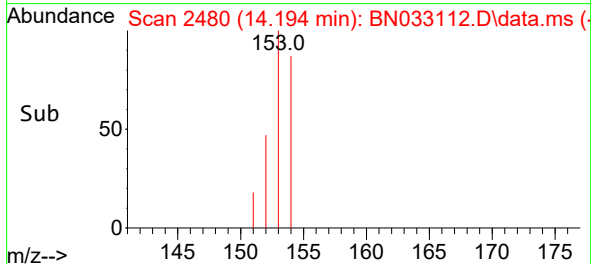
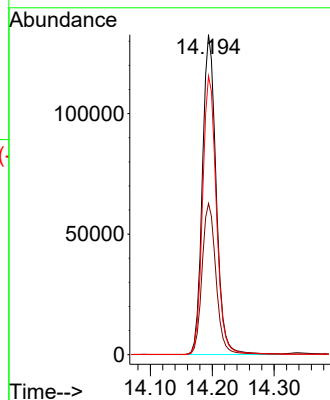
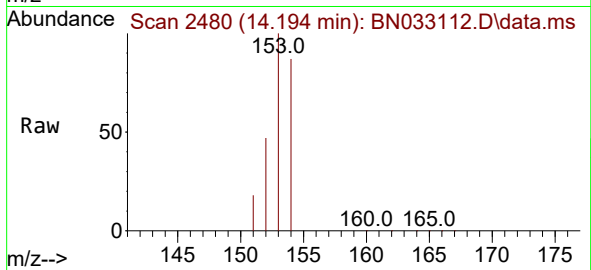
Tgt Ion:153 Resp: 204767

Ion Ratio Lower Upper

153 100

152 47.3 40.0 60.0

154 87.1 70.1 105.1



#12

Fluorene

Concen: 0.304 ng/ul

RT: 15.198 min Scan# 2697

Delta R.T. -0.051 min

Lab File: BN033112.D

Acq: 30 Jul 2024 18:40

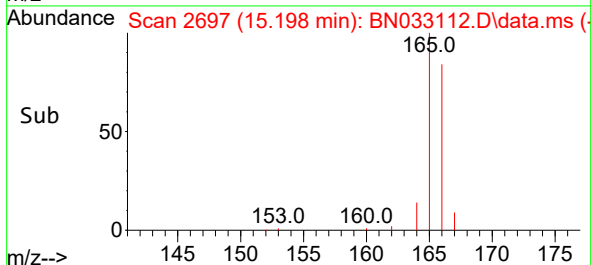
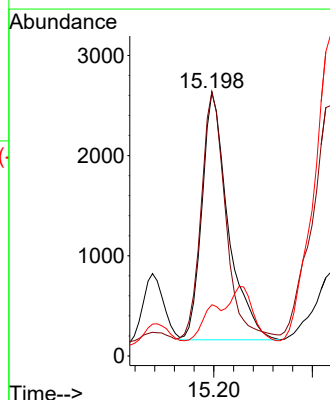
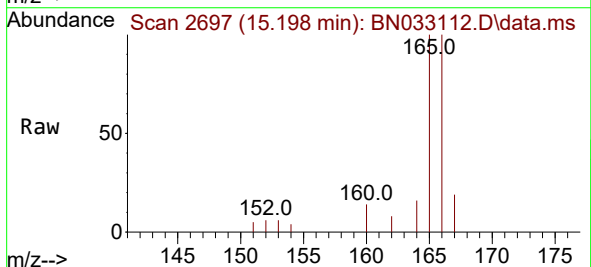
Tgt Ion:166 Resp: 4562

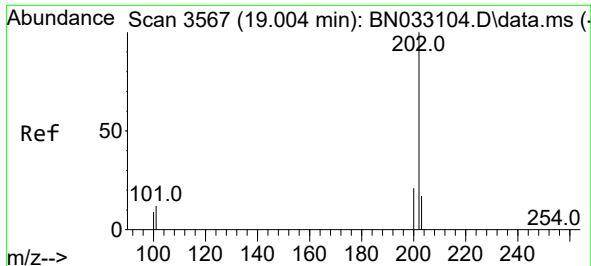
Ion Ratio Lower Upper

166 100

165 100.3 79.6 119.4

167 19.4 12.2 18.4#

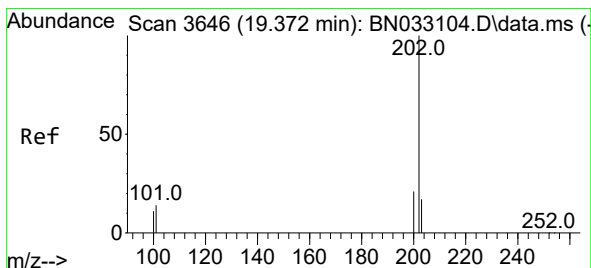
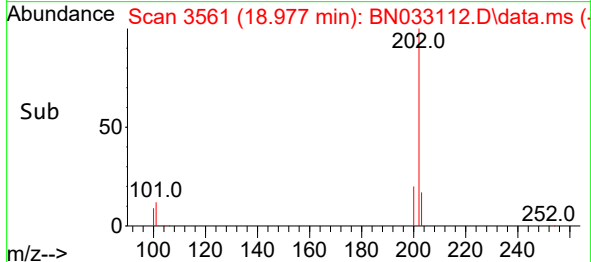
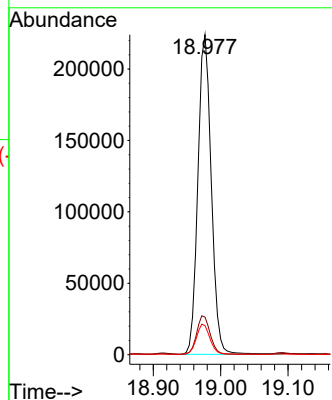
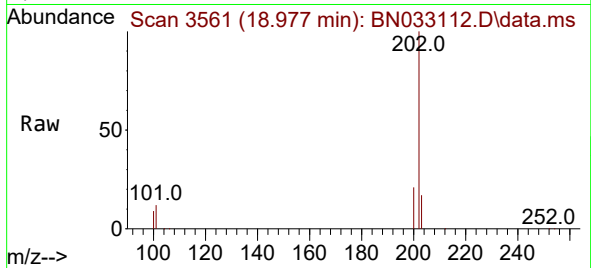




#19
Fluoranthene
Concen: 13.121 ng/ul
RT: 18.977 min Scan# 3561
Delta R.T. -0.028 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

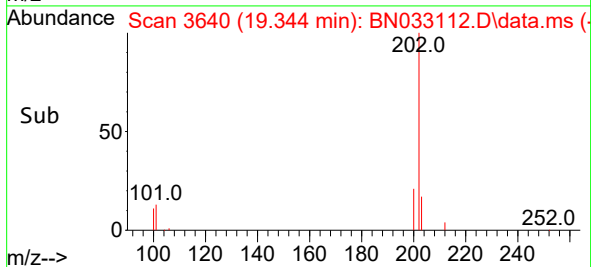
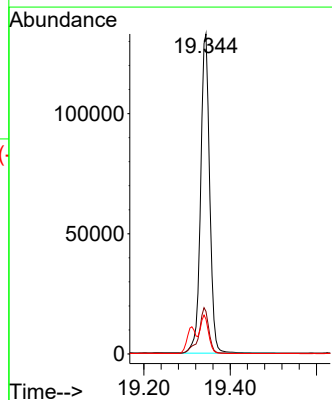
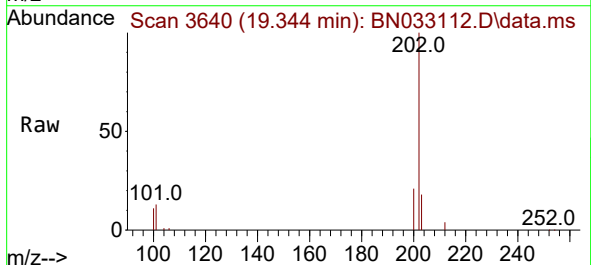
Instrument :
BNA_N
ClientSampleId :
C0AZ6

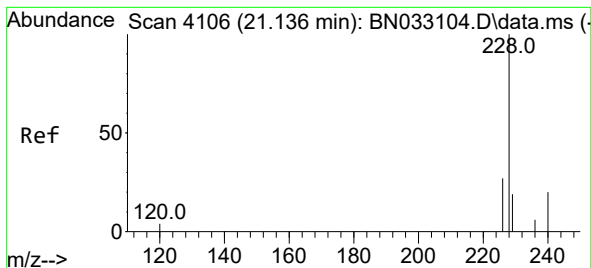
Tgt Ion:202 Resp: 309114
Ion Ratio Lower Upper
202 100
101 11.7 10.7 16.1
100 9.1 8.3 12.5



#20
Pyrene
Concen: 7.640 ng/ul
RT: 19.344 min Scan# 3640
Delta R.T. -0.028 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Tgt Ion:202 Resp: 193009
Ion Ratio Lower Upper
202 100
101 13.3 12.6 18.8
100 10.9 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.376 ng/ul

RT: 21.116 min Scan# 4099

Delta R.T. -0.020 min

Lab File: BN033112.D

Acq: 30 Jul 2024 18:40

Instrument :

BNA_N

ClientSampleId :

C0AZ6

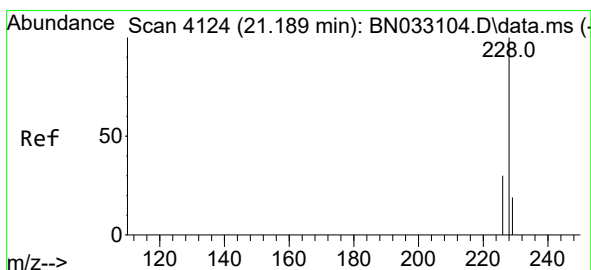
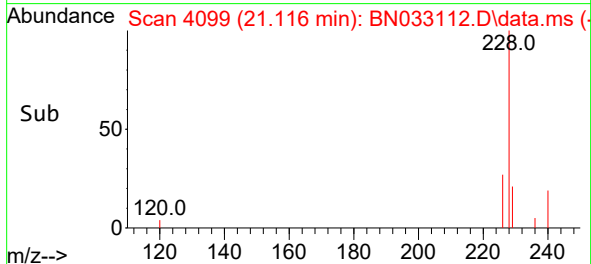
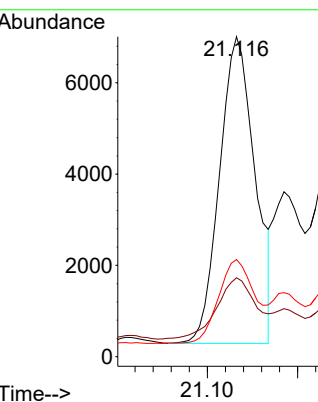
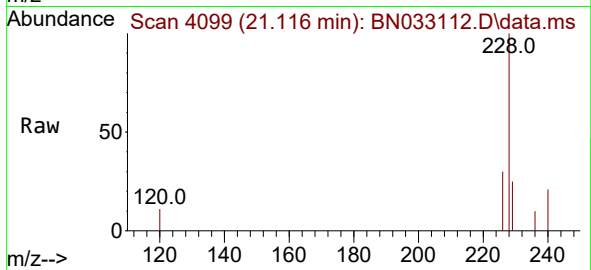
Tgt Ion:228 Resp: 9182

Ion Ratio Lower Upper

228 100

229 24.6 17.1 25.7

226 30.3 22.4 33.6



#22

Chrysene

Concen: 0.322 ng/ul

RT: 21.116 min Scan# 4099

Delta R.T. -0.073 min

Lab File: BN033112.D

Acq: 30 Jul 2024 18:40

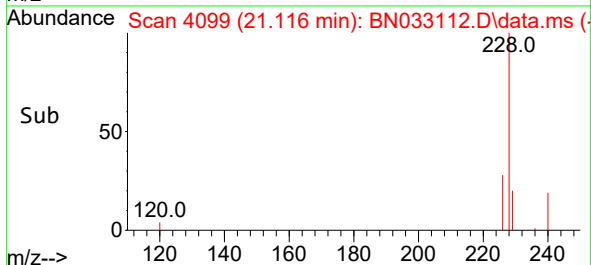
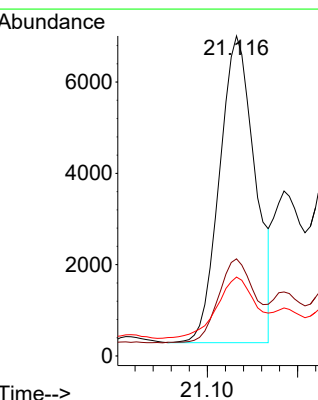
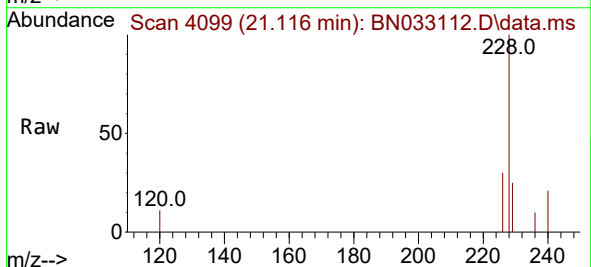
Tgt Ion:228 Resp: 9182

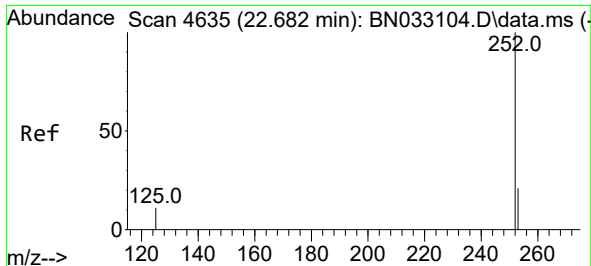
Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

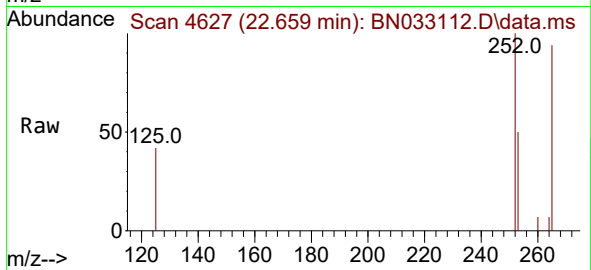
229 24.6 17.0 25.6



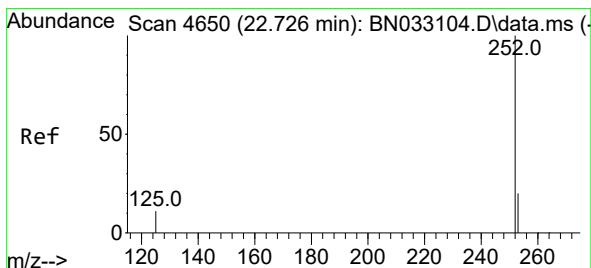
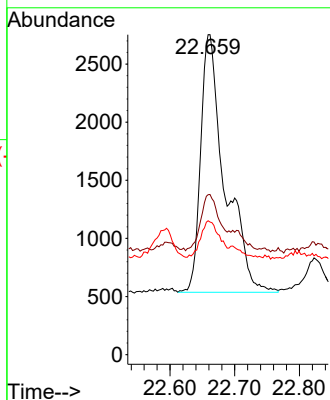


#24
Benzo(b)fluoranthene
Concen: 0.138 ng/ul
RT: 22.659 min Scan# 4627
Delta R.T. -0.023 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Instrument :
BNA_N
ClientSampleId :
C0AZ6

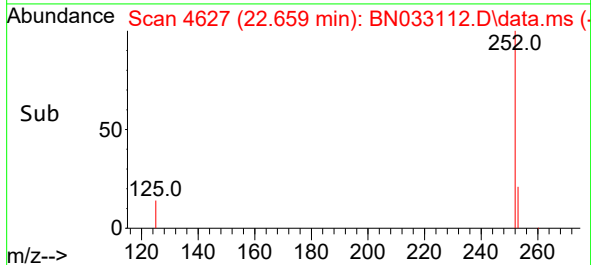
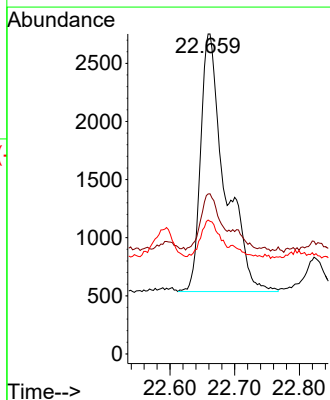
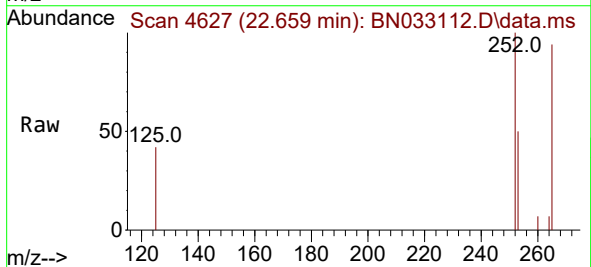


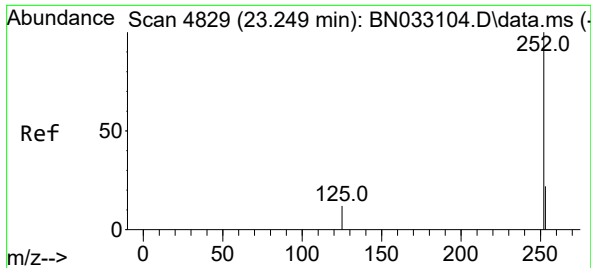
Tgt Ion:252 Resp: 5777
Ion Ratio Lower Upper
252 100
253 50.0 0.0 60.6
125 41.8 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.115 ng/ul
RT: 22.659 min Scan# 4627
Delta R.T. -0.067 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

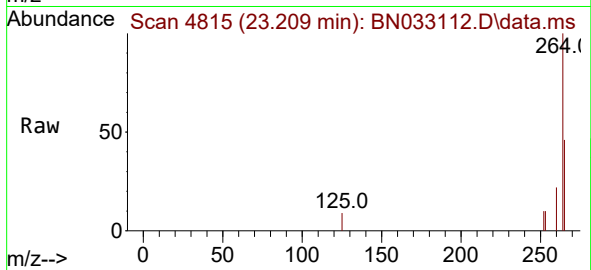
Tgt Ion:252 Resp: 5777
Ion Ratio Lower Upper
252 100
253 50.0 24.9 37.3#
125 41.8 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.209 min Scan# 4815
Delta R.T. -0.041 min
Lab File: BN033112.D
Acq: 30 Jul 2024 18:40

Instrument :
BNA_N
ClientSampleId :
C0AZ6



Tgt Ion:252 Resp: 1000
Ion Ratio Lower Upper
252 100
253 94.0 27.5 41.3#
125 81.9 27.0 40.6#

