

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032477.D
 Acq On : 04 Jul 2024 16:57
 Operator : MA/JU
 Sample : P2964-11
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS5

Quant Time: Jul 04 23:07:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

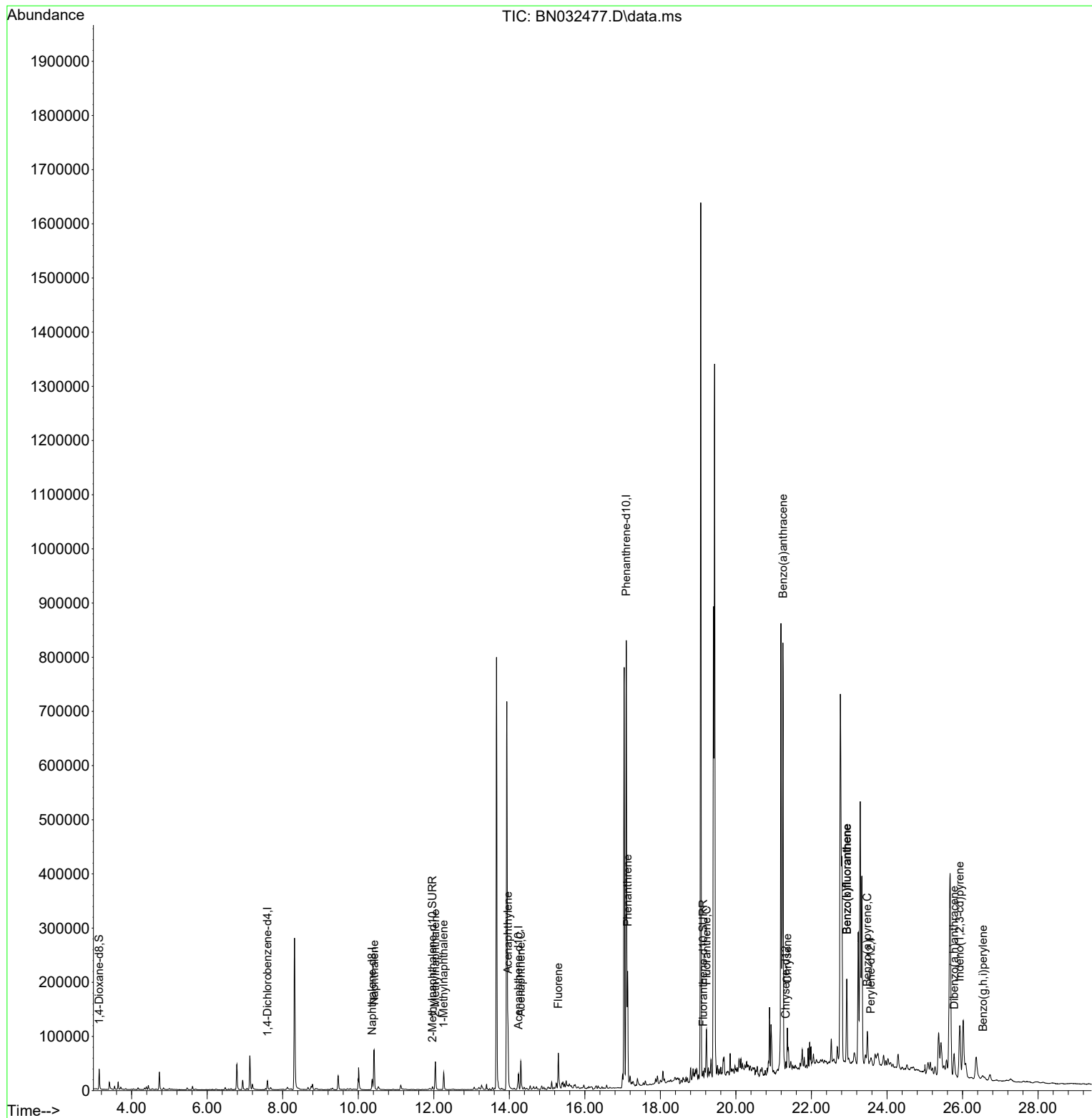
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	8932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	27324	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	16001	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.096	188	980819	0.400	ng/ul	# 0.09
17) Chrysene-d12	21.317	240	307	0.400	ng/ul	# 0.11
23) Perylene-d12	23.573	264	6312	0.400	ng/ul	# 0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	26461	2.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	7485	0.183	ng/ul	-0.01
18) Fluoranthene-d10	19.134	212	1181	1.278	ng/ul	0.09
Target Compounds						Qvalue
5) Naphthalene	10.420	128	105760	1.463	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	39812	0.831	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	23579	0.474	ng/ul	99
10) Acenaphthylene	13.962	152	141716	2.129	ng/ul	99
11) Acenaphthene	14.304	153	31542	0.611	ng/ul	98
12) Fluorene	15.299	166	45779	0.744	ng/ul#	99
15) Phenanthrene	17.134	178	217096	0.081	ng/ul	98
19) Fluoranthene	19.222	202	69666	59.593	ng/ul	96
21) Benzo(a)anthracene	21.246	228	811831	732.666	ng/ul	93
22) Chrysene	21.363	228	88867	73.071	ng/ul#	38
24) Benzo(b)fluoranthene	22.936	252	194206	7.082	ng/ul	82
25) Benzo(k)fluoranthene	22.936	252	200697	7.532	ng/ul#	82
26) Benzo(a)pyrene	23.479	252	59722	3.130	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	25.925	276	39103	1.309	ng/ul#	41
28) Dibenzo(a,h)anthracene	25.777	278	61223	2.758	ng/ul#	68
29) Benzo(g,h,i)perylene	26.545	276	9094	0.382	ng/ul#	1

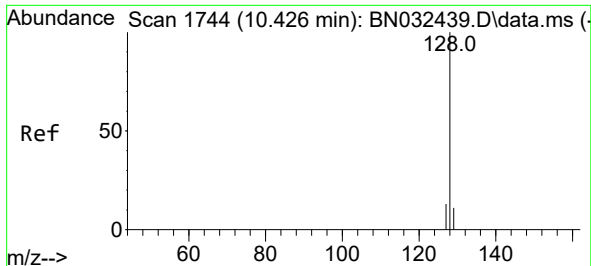
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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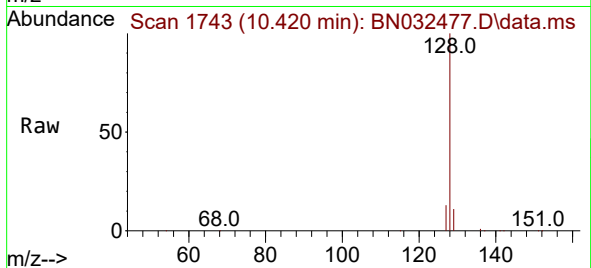
Quant Time: Jul 04 23:07:05 2024
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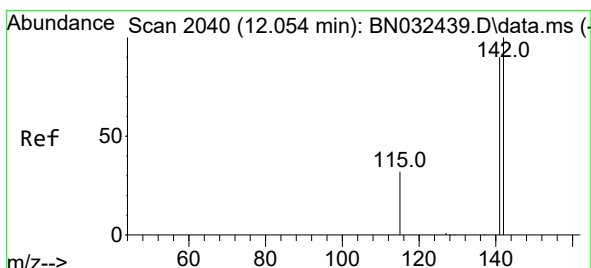
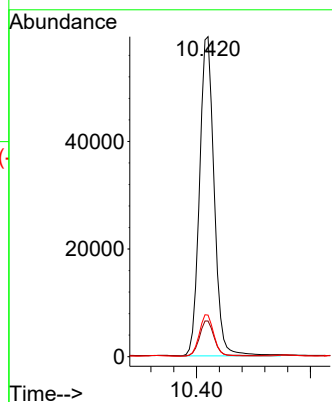
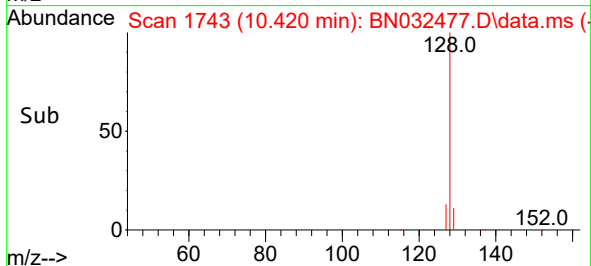


#5
Naphthalene
Concen: 1.463 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

Instrument :
BNA_N
ClientSampleId :
A4CS5

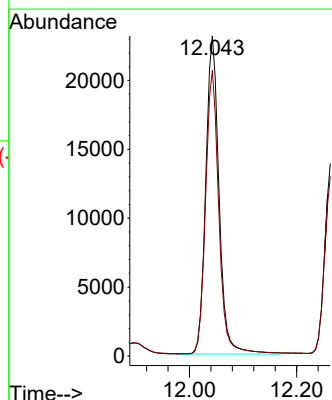
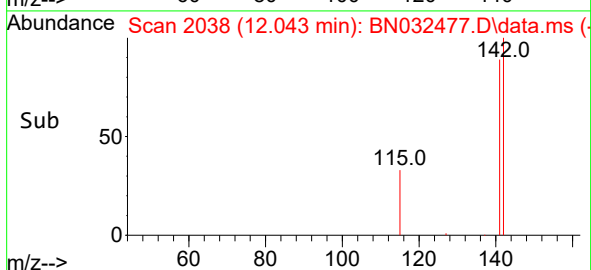
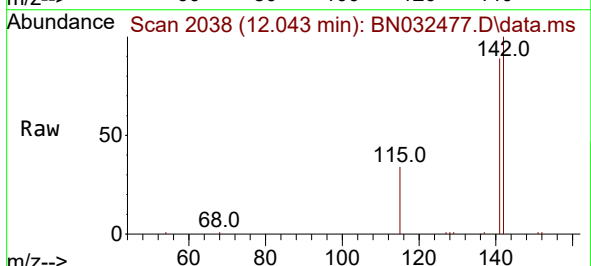


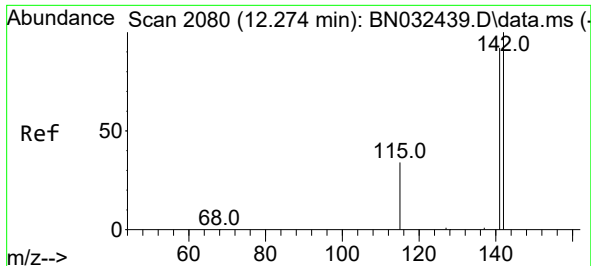
Tgt Ion:128 Resp: 105760
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.0 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.831 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

Tgt Ion:142 Resp: 39812
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2

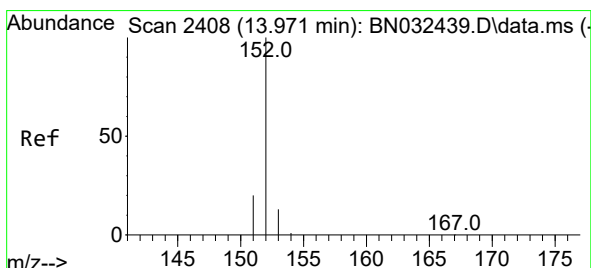
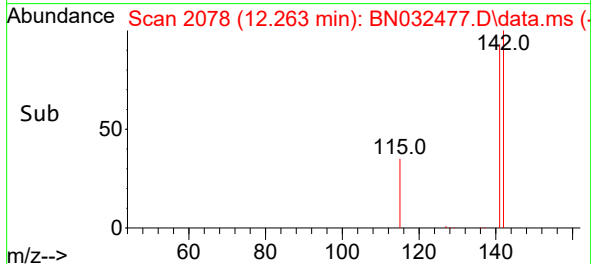
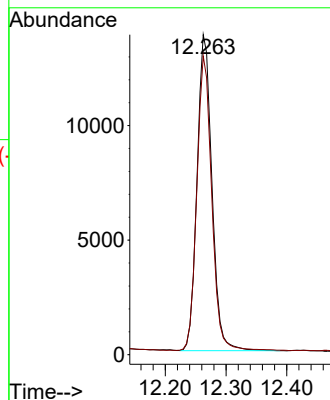
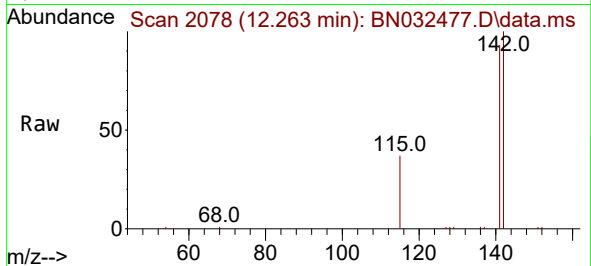




#8
1-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.263 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

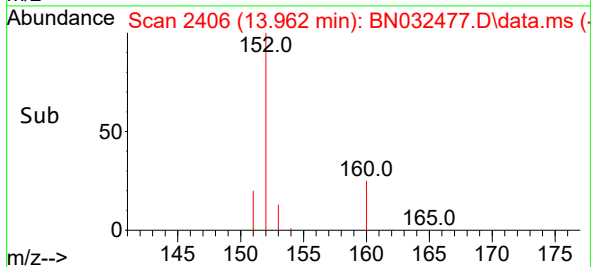
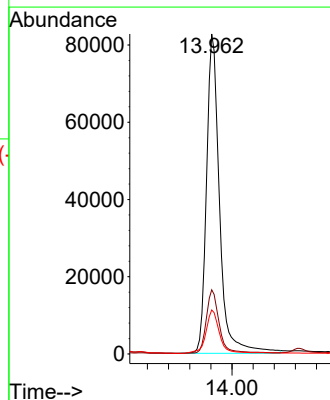
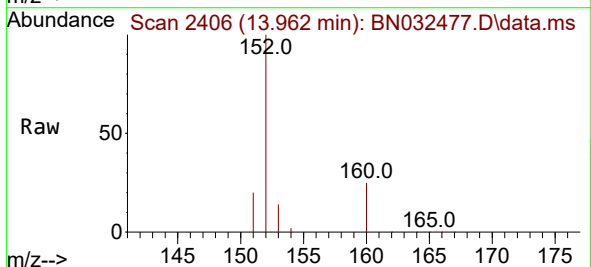
Instrument :
BNA_N
ClientSampleId :
A4CS5

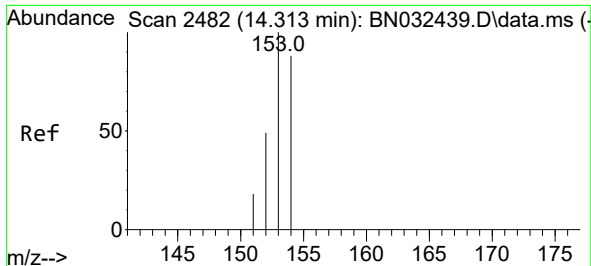
Tgt Ion:142 Resp: 23579
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0



#10
Acenaphthylene
Concen: 2.129 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

Tgt Ion:152 Resp: 141716
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.7 10.9 16.3

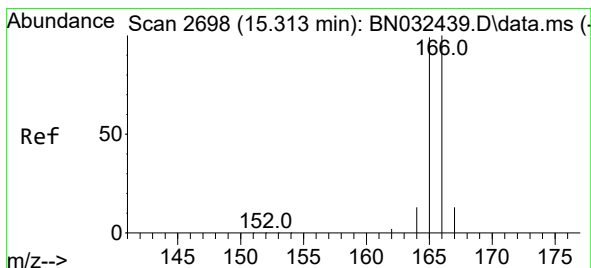
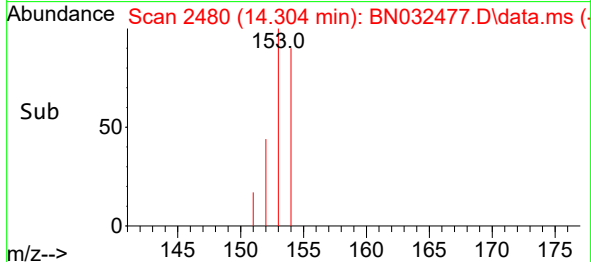
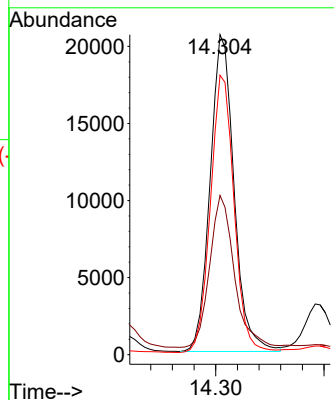
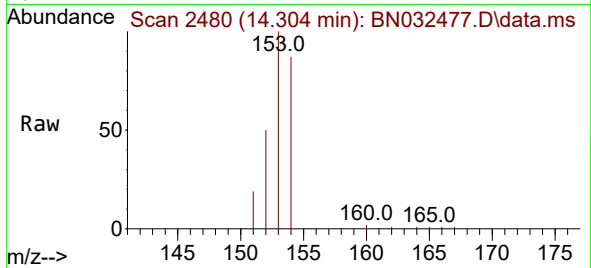




#11
Acenaphthene
Concen: 0.611 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

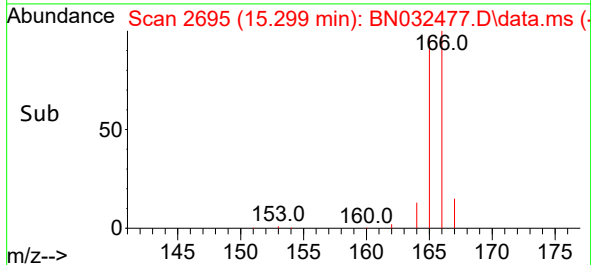
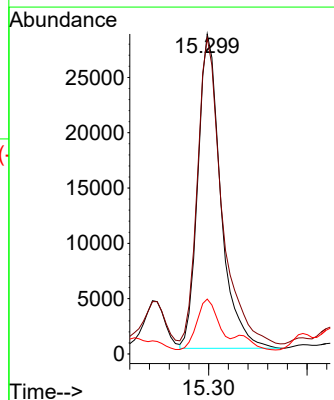
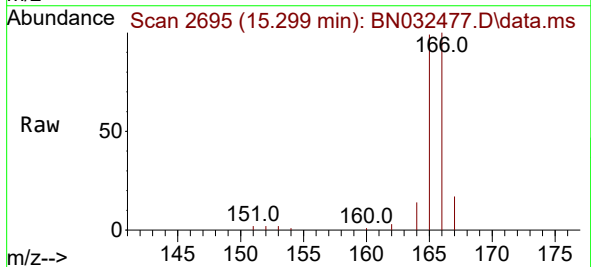
Instrument :
BNA_N
ClientSampleId :
A4CS5

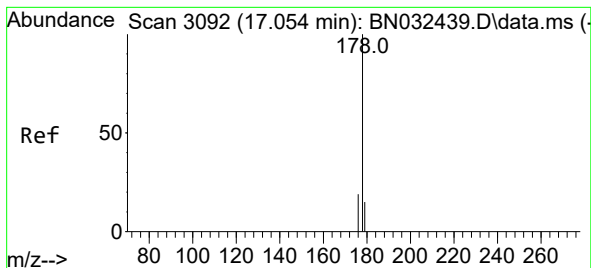
Tgt Ion:153 Resp: 31542
Ion Ratio Lower Upper
153 100
152 49.8 39.5 59.3
154 87.3 71.7 107.5



#12
Fluorene
Concen: 0.744 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

Tgt Ion:166 Resp: 45779
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 17.1 11.0 16.6#





#15

Phenanthrene

Concen: 0.081 ng/ul

RT: 17.134 min Scan# 3111

Delta R.T. 0.084 min

Lab File: BN032477.D

Acq: 04 Jul 2024 16:57

Instrument :

BNA_N

ClientSampleId :

A4CS5

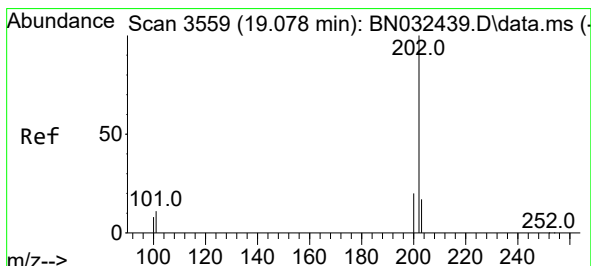
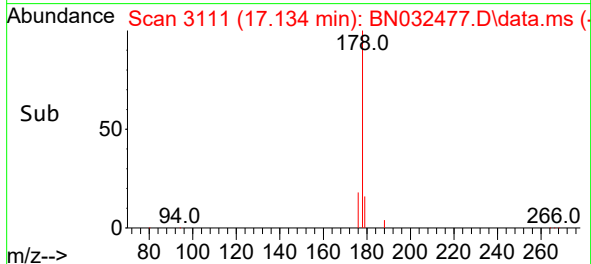
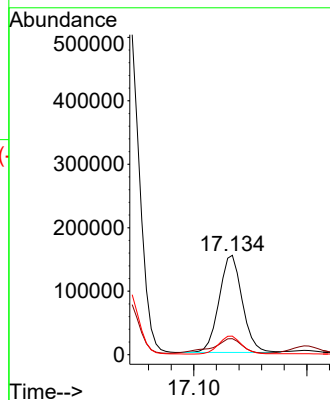
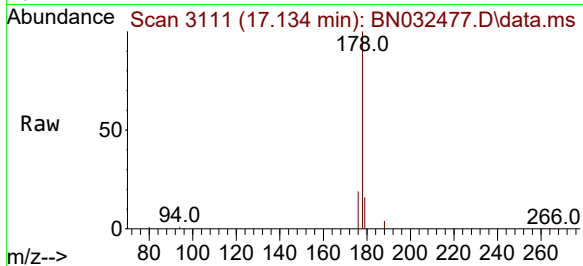
Tgt Ion:178 Resp: 217096

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 18.6 15.6 23.4



#19

Fluoranthene

Concen: 59.593 ng/ul

RT: 19.222 min Scan# 3590

Delta R.T. 0.149 min

Lab File: BN032477.D

Acq: 04 Jul 2024 16:57

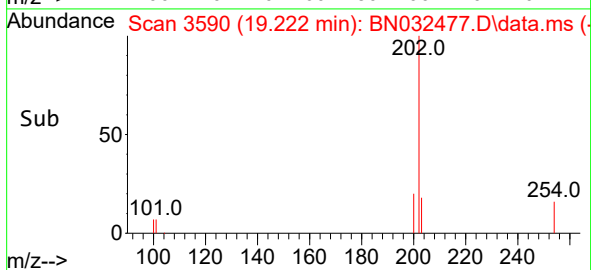
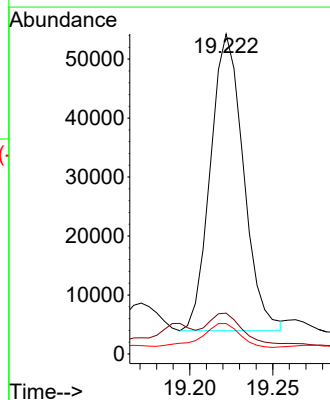
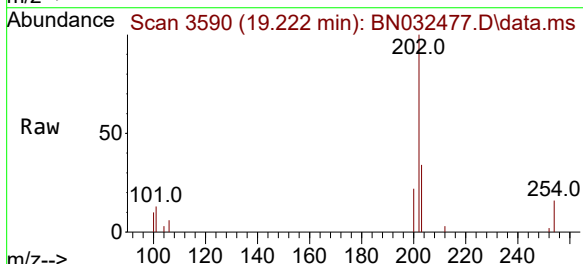
Tgt Ion:202 Resp: 69666

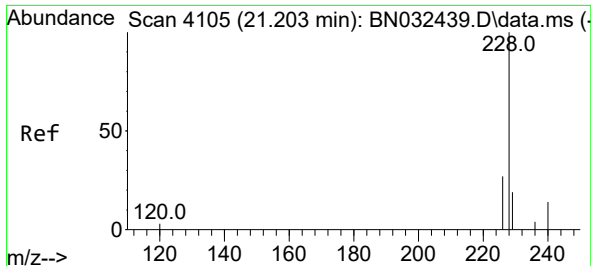
Ion Ratio Lower Upper

202 100

101 12.7 8.8 13.2

100 9.5 6.4 9.6

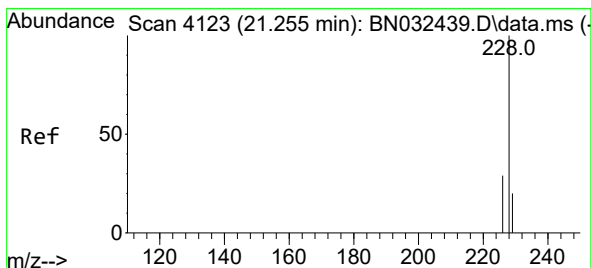
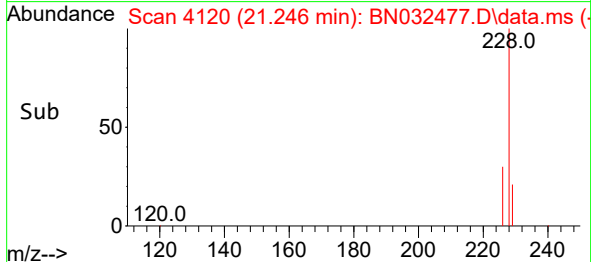
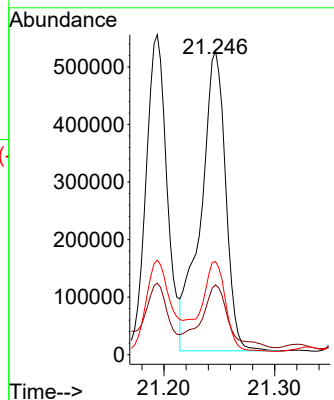
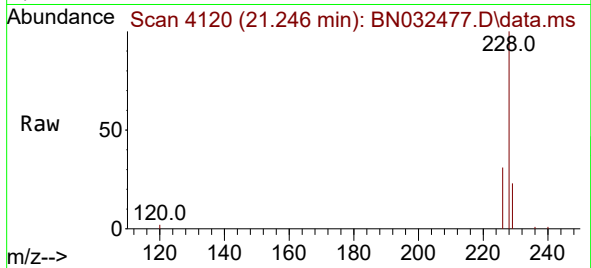




#21
Benzo(a)anthracene
Concen: 732.666 ng/ul
RT: 21.246 min Scan# 4110
Delta R.T. 0.055 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

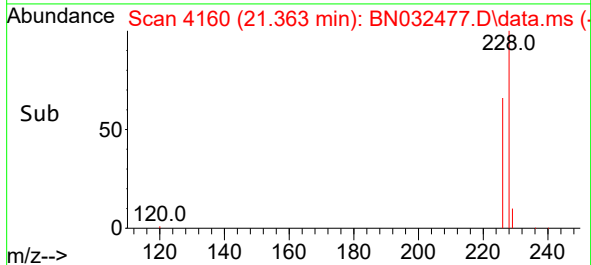
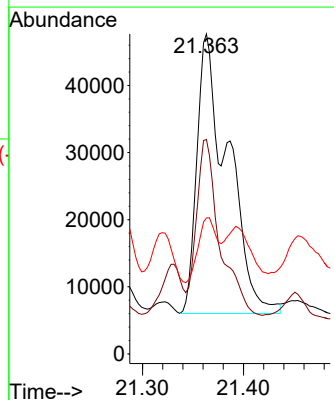
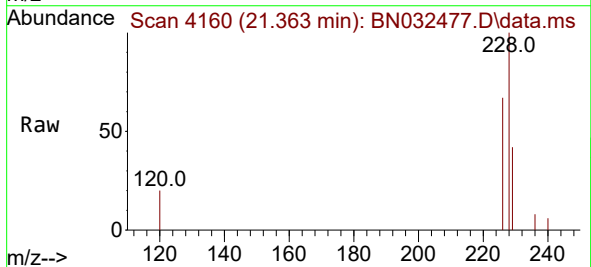
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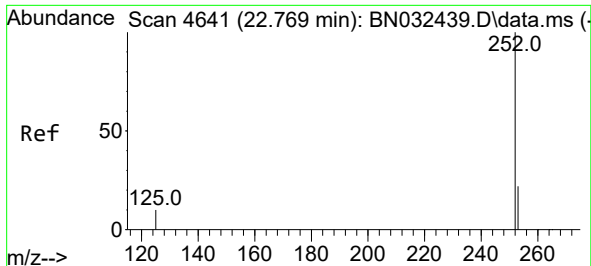
Tgt Ion:228 Resp: 811831
Ion Ratio Lower Upper
228 100
229 23.0 15.7 23.5
226 30.6 21.8 32.8



#22
Chrysene
Concen: 73.071 ng/ul
RT: 21.363 min Scan# 4160
Delta R.T. 0.120 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

Tgt Ion:228 Resp: 88867
Ion Ratio Lower Upper
228 100
226 67.0 23.6 35.4#
229 42.5 15.7 23.5#

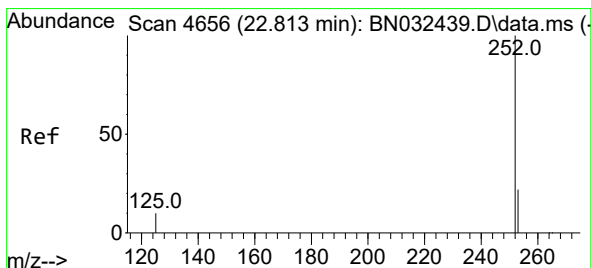
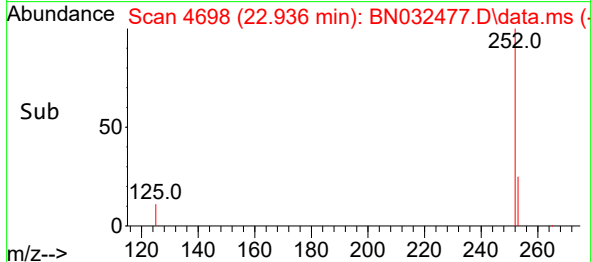
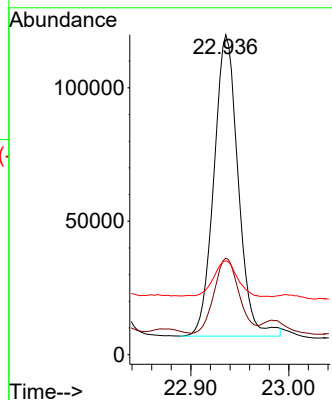
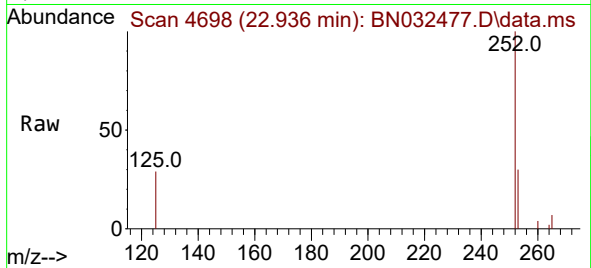




#24
Benzo(b)fluoranthene
Concen: 7.082 ng/ul
RT: 22.936 min Scan# 4698
Delta R.T. 0.178 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

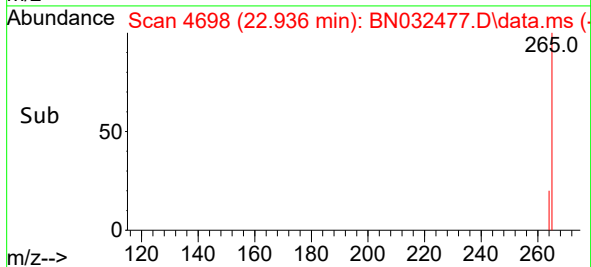
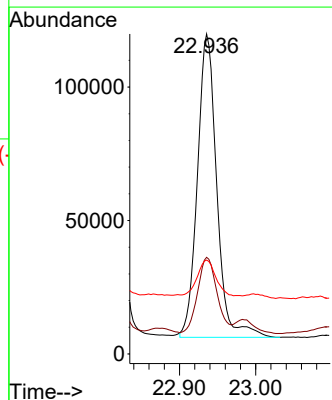
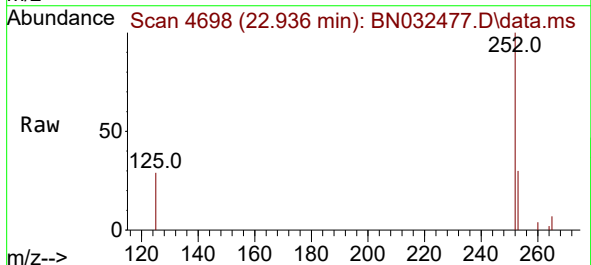
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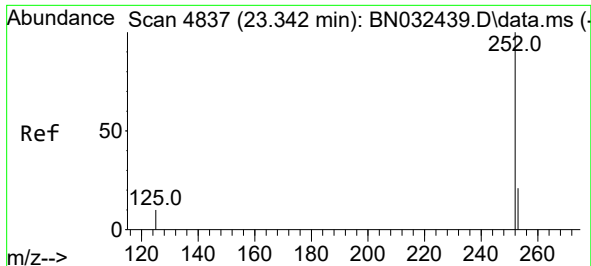
Tgt Ion:252 Resp: 194206
Ion Ratio Lower Upper
252 100
253 30.2 0.0 50.2
125 29.3 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 7.532 ng/ul
RT: 22.936 min Scan# 4698
Delta R.T. 0.134 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

Tgt Ion:252 Resp: 200697
Ion Ratio Lower Upper
252 100
253 30.2 20.3 30.5
125 29.3 12.8 19.2#

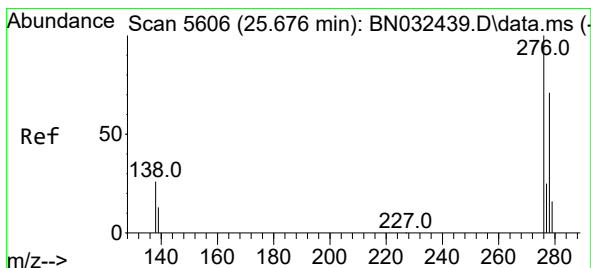
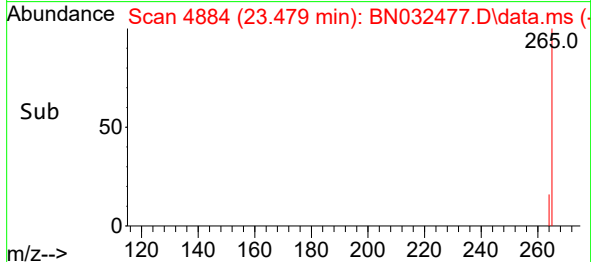
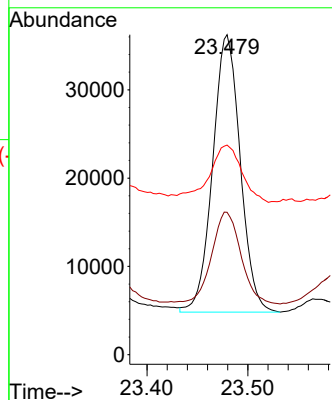
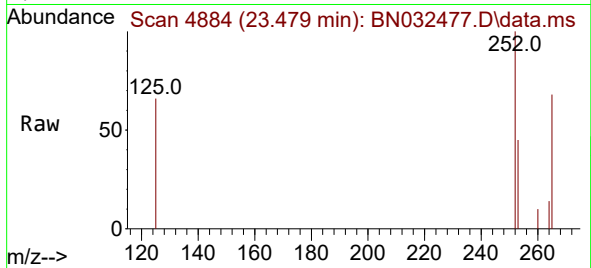




#26
Benzo(a)pyrene
Concen: 3.130 ng/ul
RT: 23.479 min Scan# 4884
Delta R.T. 0.152 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

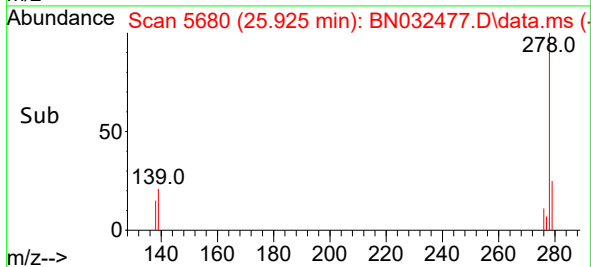
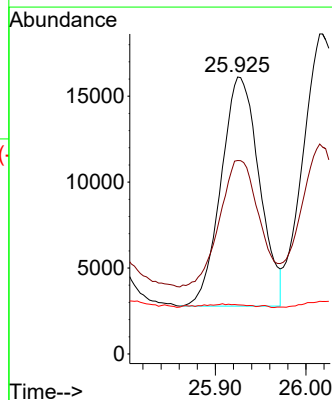
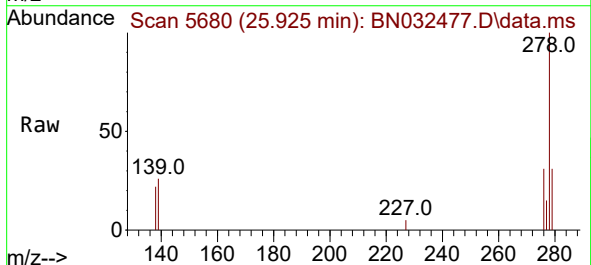
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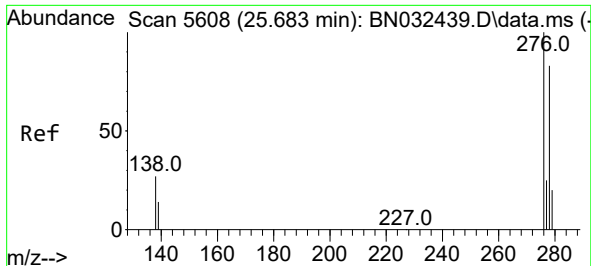
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Ion Ratio Lower Upper
252 100
253 44.5 22.2 33.2#
125 65.5 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.309 ng/ul
RT: 25.925 min Scan# 5680
Delta R.T. 0.265 min
Lab File: BN032477.D
Acq: 04 Jul 2024 16:57

Tgt Ion:276 Resp: 39103
Ion Ratio Lower Upper
276 100
138 57.1 21.3 31.9#
227 1.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 2.758 ng/ul

RT: 25.777 min Scan# 5

Delta R.T. 0.111 min

Lab File: BN032477.D

Acq: 04 Jul 2024 16:57

Instrument :

BNA_N

ClientSampleId :

A4CS5

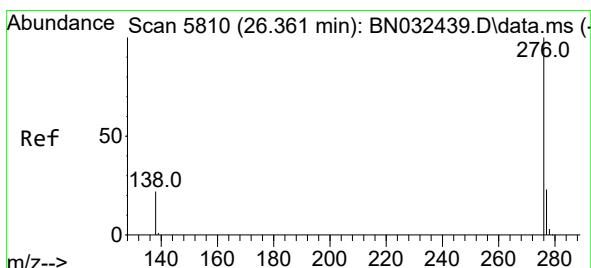
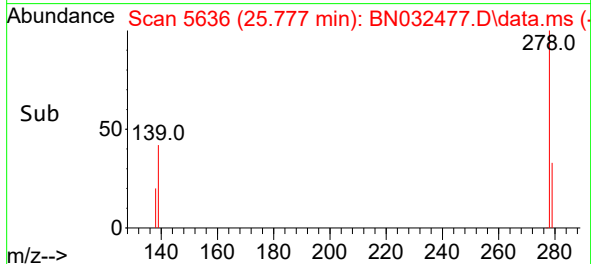
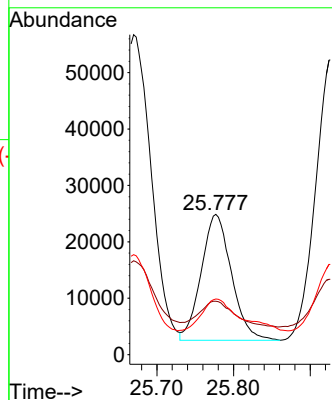
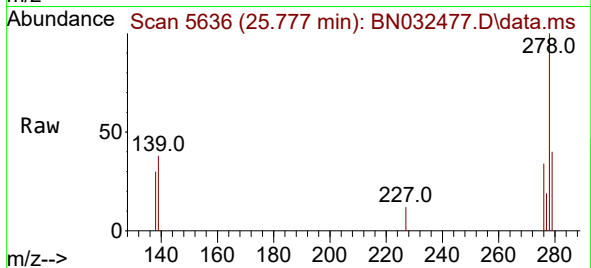
Tgt Ion:278 Resp: 61223

Ion Ratio Lower Upper

278 100

139 38.1 15.9 23.9#

279 39.7 21.1 31.7#



#29

Benzo(g,h,i)perylene

Concen: 0.382 ng/ul

RT: 26.545 min Scan# 5865

Delta R.T. 0.201 min

Lab File: BN032477.D

Acq: 04 Jul 2024 16:57

Tgt Ion:276 Resp: 9094

Ion Ratio Lower Upper

276 100

138 109.1 19.8 29.6#

277 90.7 19.8 29.6#

