

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032476.D
 Acq On : 04 Jul 2024 16:21
 Operator : MA/JU
 Sample : P2964-16
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT5

Quant Time: Jul 04 23:06:53 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

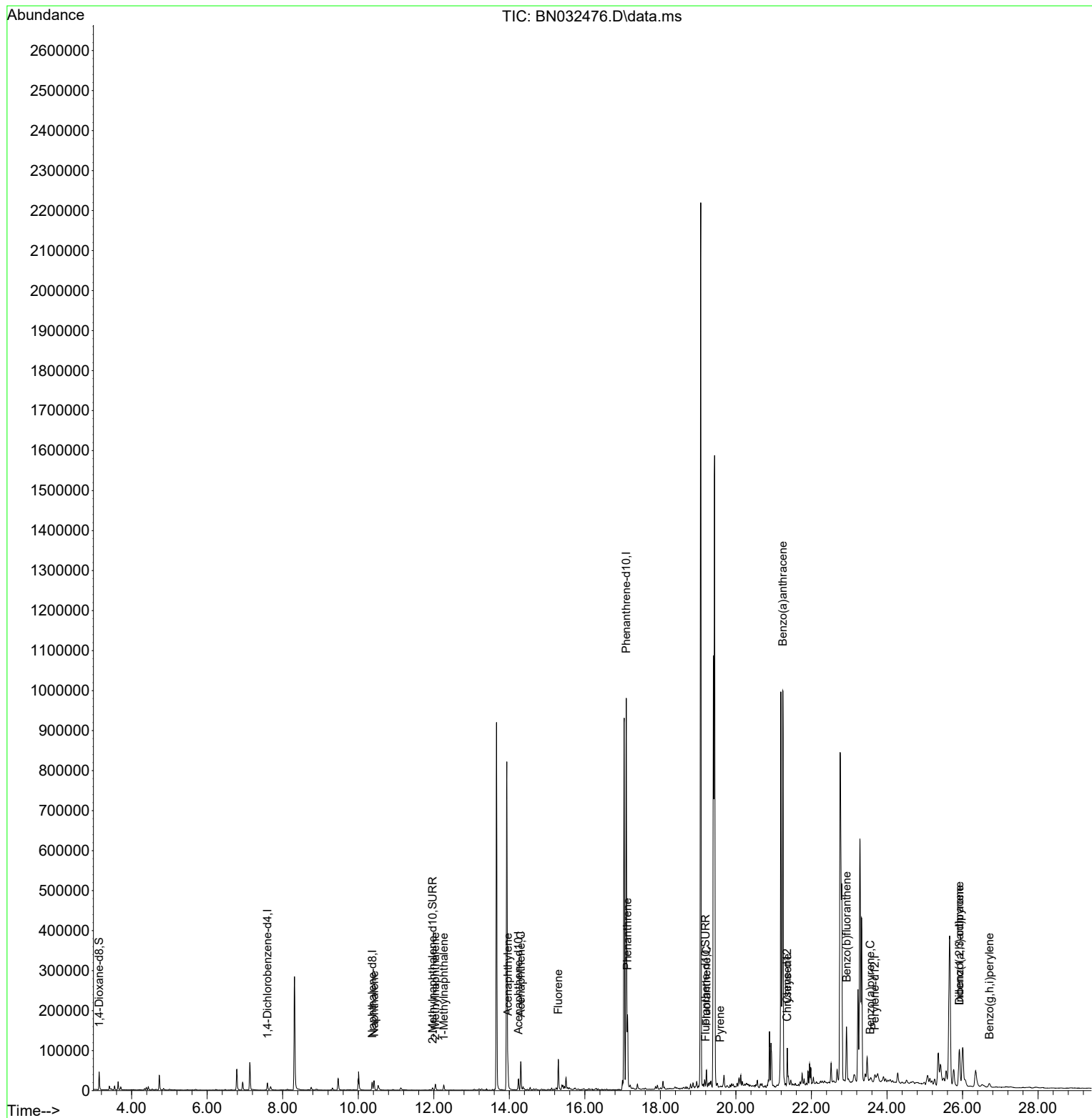
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	9317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	27973	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	15543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.096	188	1119399	0.400	ng/ul	0.09
17) Chrysene-d12	21.352	240	545	0.400	ng/ul	# 0.14
23) Perylene-d12	23.678	264	7998	0.400	ng/ul	# 0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	30002	2.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	8388	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.194	212	89	0.054	ng/ul	0.15
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	34156	0.461	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	11914	0.243	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	9608	0.189	ng/ul	98
10) Acenaphthylene	13.962	152	67264	1.041	ng/ul	100
11) Acenaphthene	14.304	153	42247	0.842	ng/ul	98
12) Fluorene	15.299	166	49918	0.835	ng/ul	99
15) Phenanthrene	17.130	178	185652	0.060	ng/ul	99
19) Fluoranthene	19.222	202	37731	18.181	ng/ul	97
20) Pyrene	19.580	202	1202	0.554	ng/ul#	56
21) Benzo(a)anthracene	21.244	228	628367	319.445	ng/ul	95
22) Chrysene	21.360	228	82297	38.118	ng/ul#	57
24) Benzo(b)fluoranthene	22.930	252	170726	4.913	ng/ul	92
26) Benzo(a)pyrene	23.558	252	5198	0.215	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.918	276	35465	0.937	ng/ul#	44
28) Dibenzo(a,h)anthracene	25.918	278	132921	4.726	ng/ul	98
29) Benzo(g,h,i)perylene	26.713	276	16110	0.534	ng/ul#	44

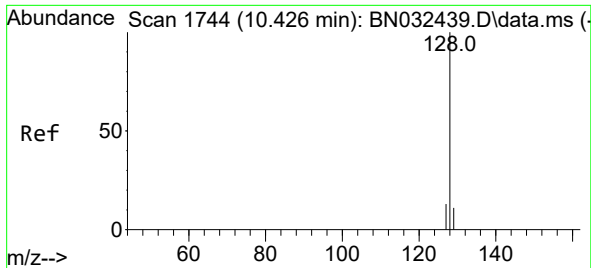
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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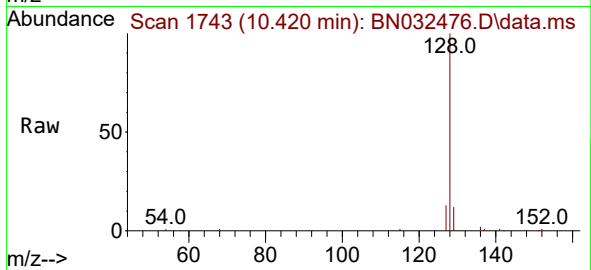
Quant Time: Jul 04 23:06:53 2024
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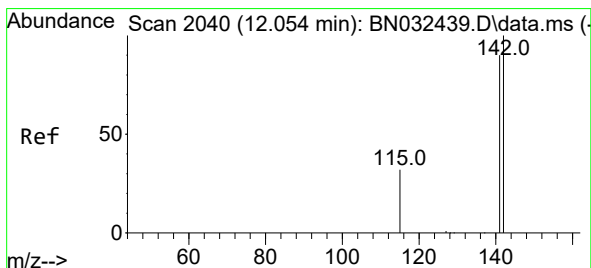
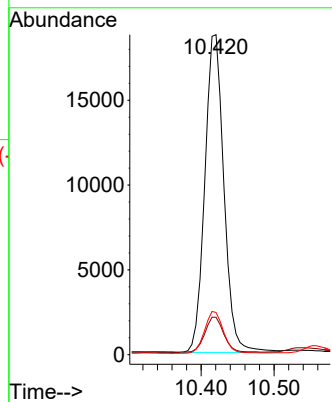
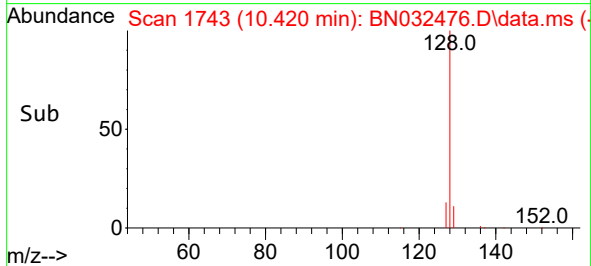


#5
Naphthalene
Concen: 0.461 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Instrument :
BNA_N
ClientSampleId :
A4CT5

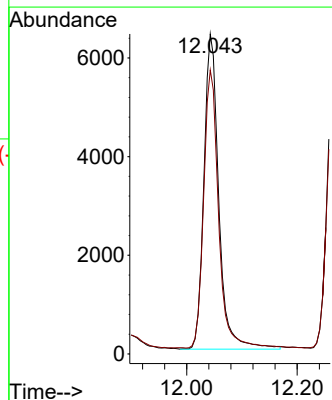
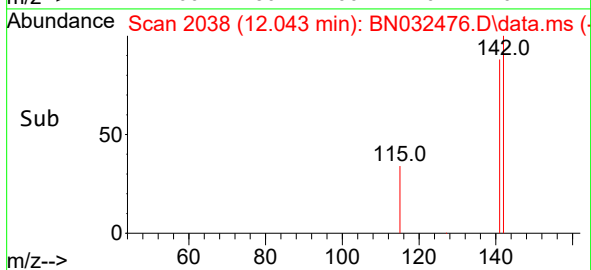
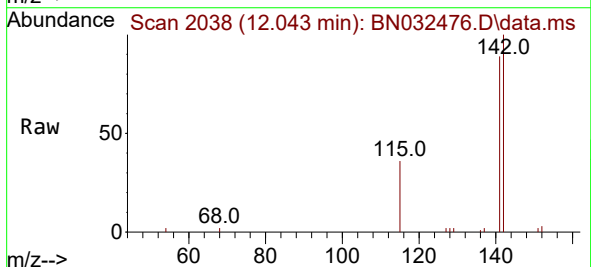


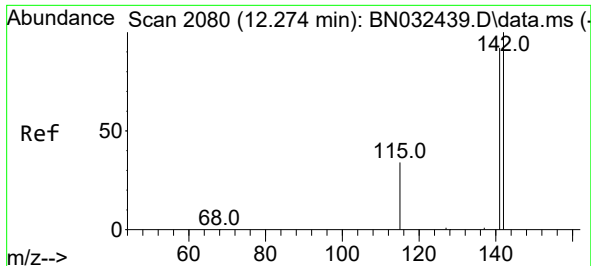
Tgt Ion:128 Resp: 34156
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Tgt Ion:142 Resp: 11914
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2

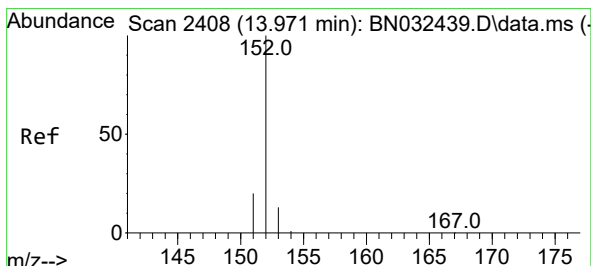
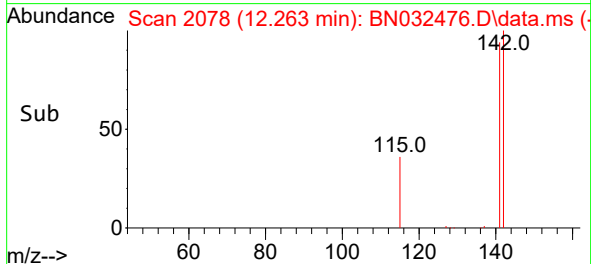
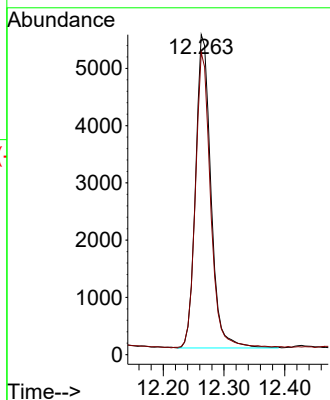
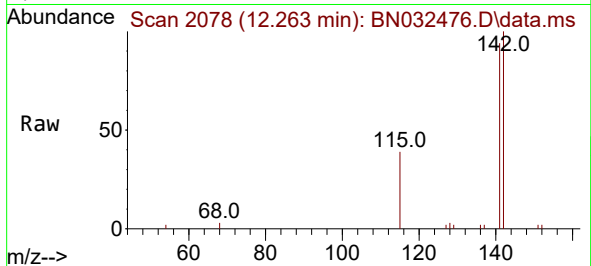




#8
1-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.263 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

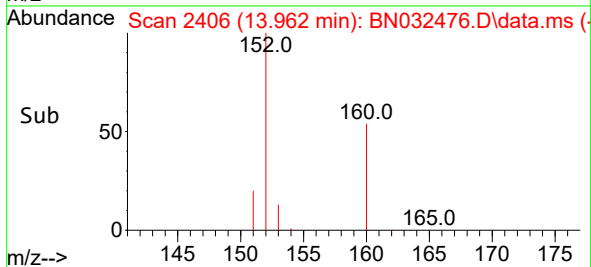
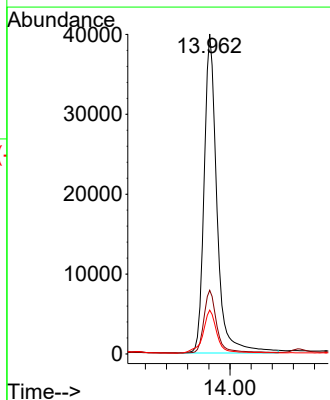
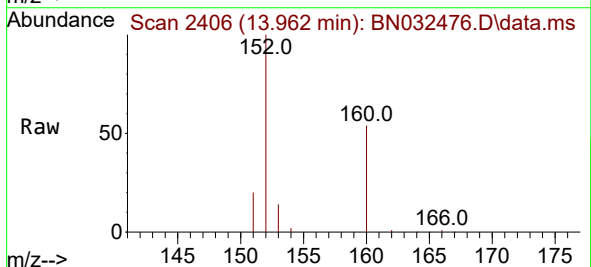
Instrument :
BNA_N
ClientSampleId :
A4CT5

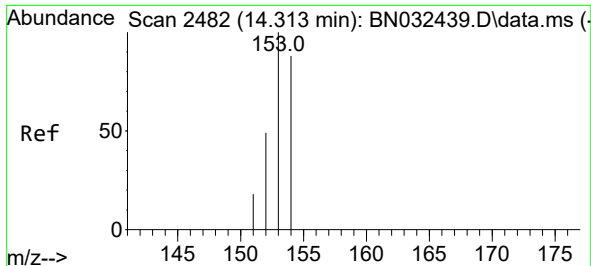
Tgt Ion:142 Resp: 9608
Ion Ratio Lower Upper
142 100
141 93.6 73.4 110.0



#10
Acenaphthylene
Concen: 1.041 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Tgt Ion:152 Resp: 67264
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.7 10.9 16.3

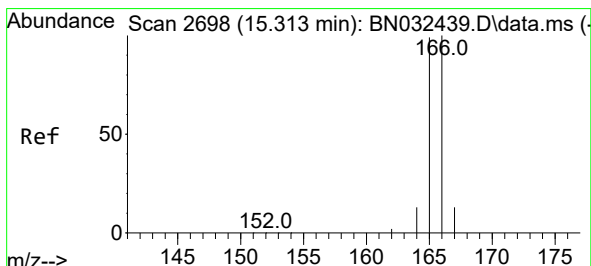
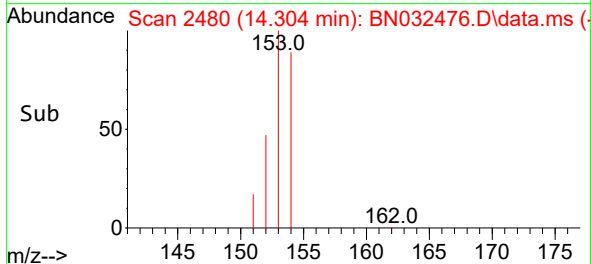
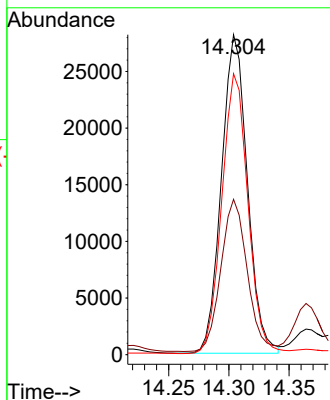
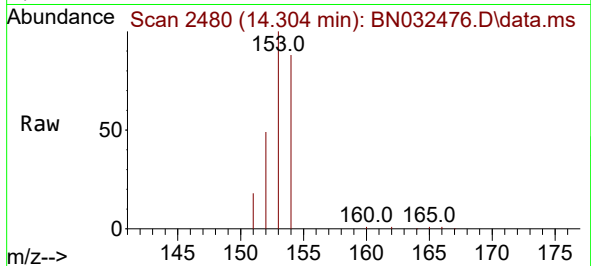




#11
Acenaphthene
Concen: 0.842 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

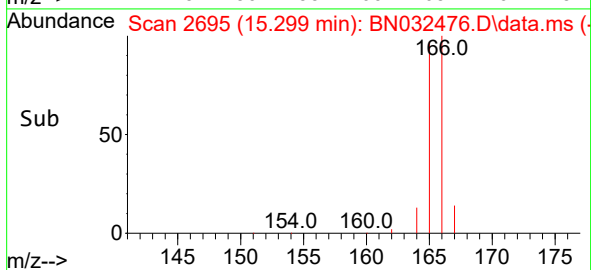
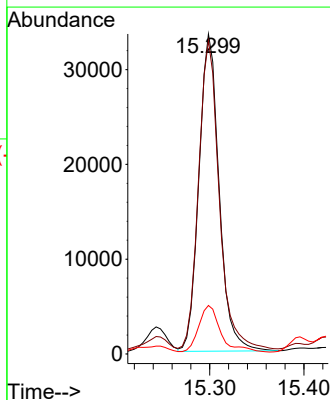
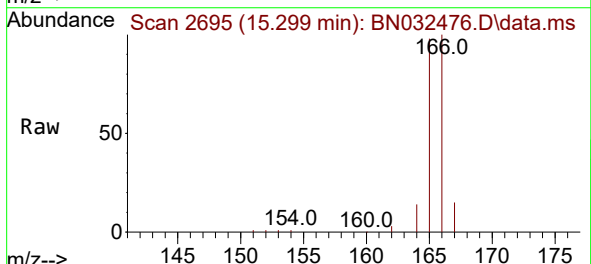
Instrument :
BNA_N
ClientSampleId :
A4CT5

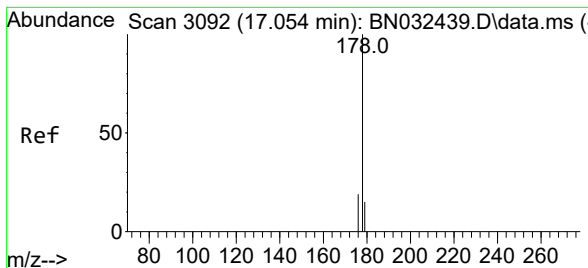
Tgt Ion:153 Resp: 42247
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 87.8 71.7 107.5



#12
Fluorene
Concen: 0.835 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Tgt Ion:166 Resp: 49918
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 15.1 11.0 16.6





#15

Phenanthrene

Concen: 0.060 ng/ul

RT: 17.130 min Scan# 3110

Delta R.T. 0.080 min

Lab File: BN032476.D

Acq: 04 Jul 2024 16:21

Instrument :

BNA_N

ClientSampleId :

A4CT5

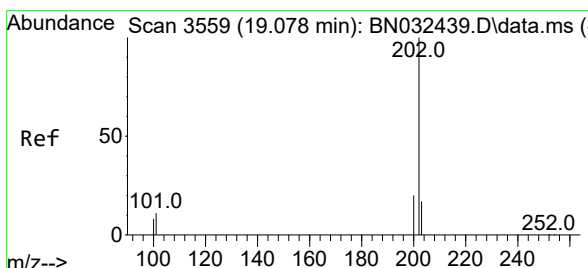
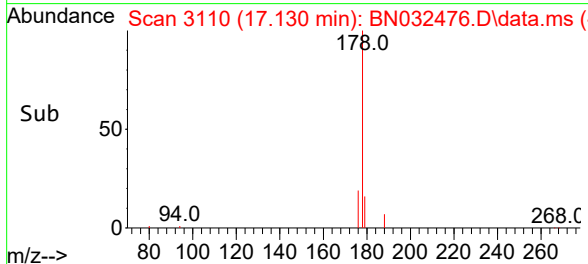
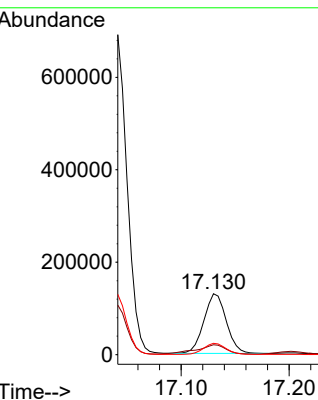
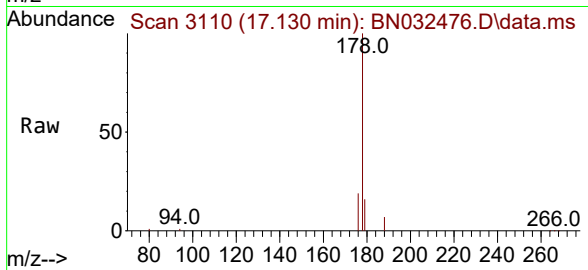
Tgt Ion:178 Resp: 185652

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 18.7 15.6 23.4



#19

Fluoranthene

Concen: 18.181 ng/ul

RT: 19.222 min Scan# 3590

Delta R.T. 0.149 min

Lab File: BN032476.D

Acq: 04 Jul 2024 16:21

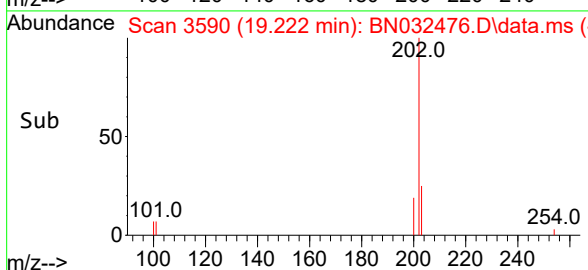
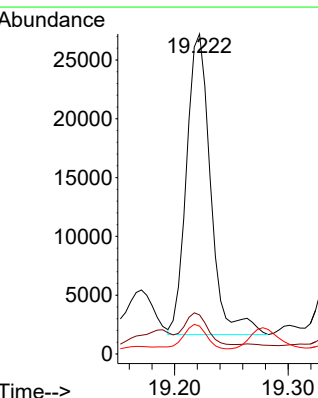
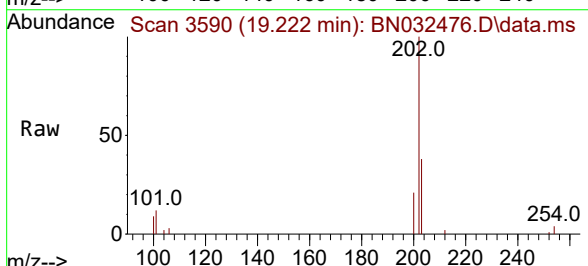
Tgt Ion:202 Resp: 37731

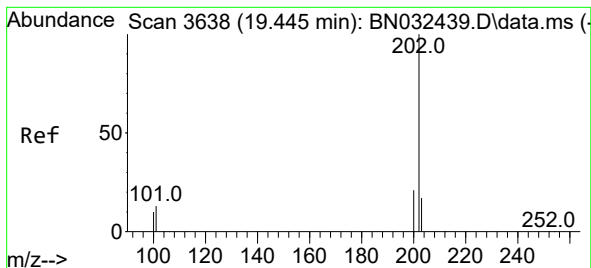
Ion Ratio Lower Upper

202 100

101 12.2 8.8 13.2

100 8.7 6.4 9.6





#20

Pyrene

Concen: 0.554 ng/ul

RT: 19.580 min Scan# 3667

Delta R.T. 0.139 min

Lab File: BN032476.D

Acq: 04 Jul 2024 16:21

Instrument :

BNA_N

ClientSampleId :

A4CT5

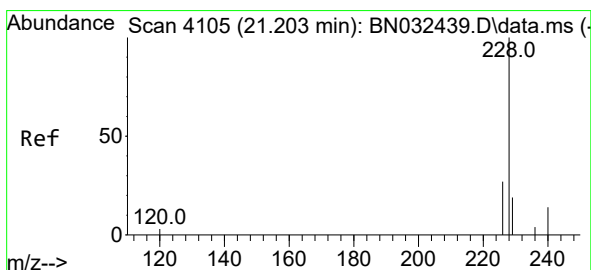
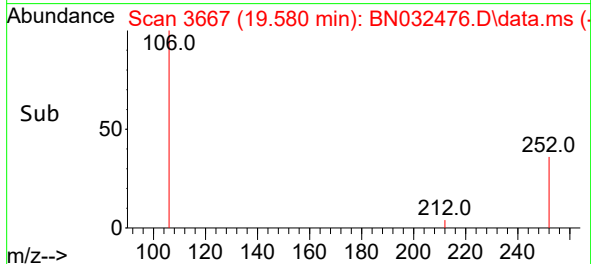
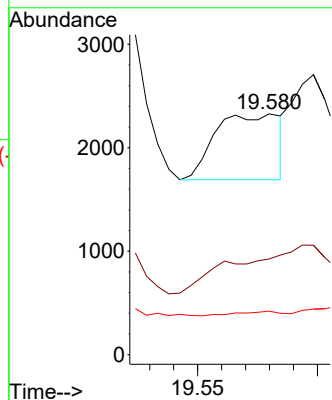
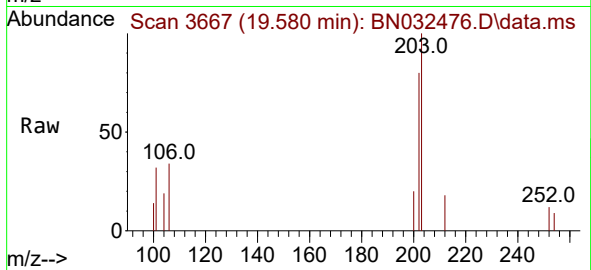
Tgt Ion:202 Resp: 1202

Ion Ratio Lower Upper

202 100

101 39.7 11.0 16.4#

100 18.0 8.7 13.1#



#21

Benzo(a)anthracene

Concen: 319.445 ng/ul

RT: 21.244 min Scan# 4119

Delta R.T. 0.053 min

Lab File: BN032476.D

Acq: 04 Jul 2024 16:21

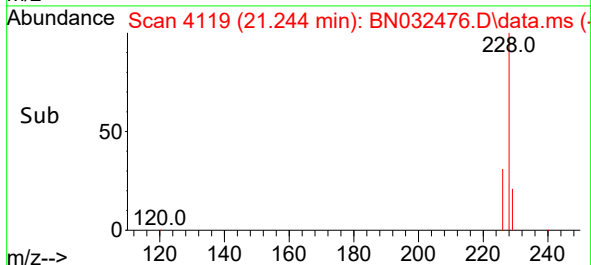
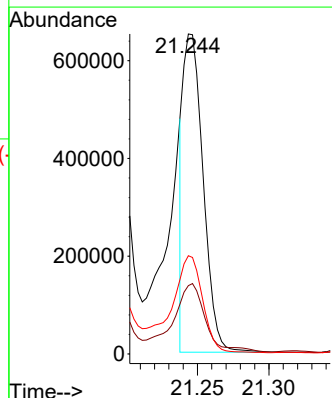
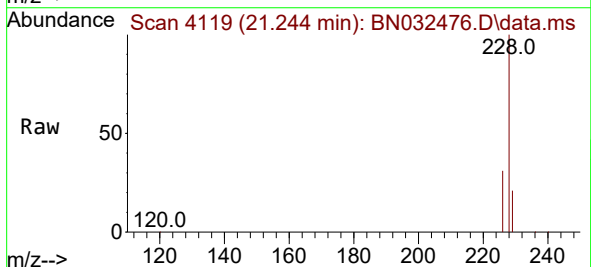
Tgt Ion:228 Resp: 628367

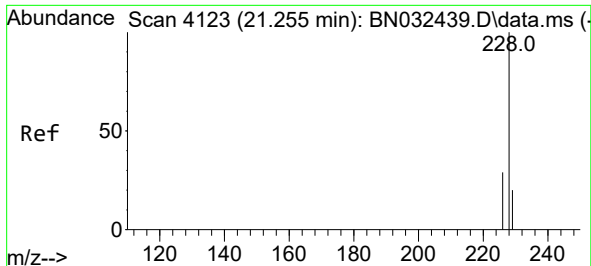
Ion Ratio Lower Upper

228 100

229 21.4 15.7 23.5

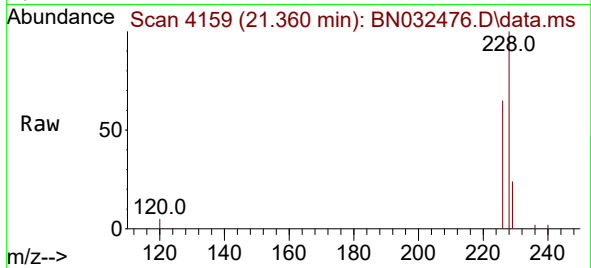
226 30.7 21.8 32.8



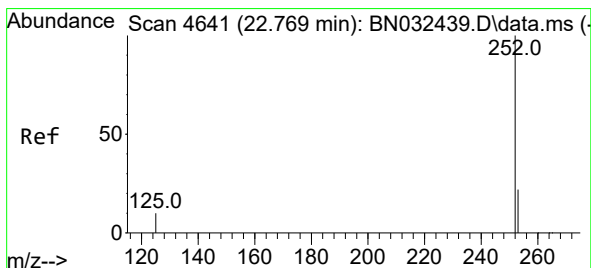
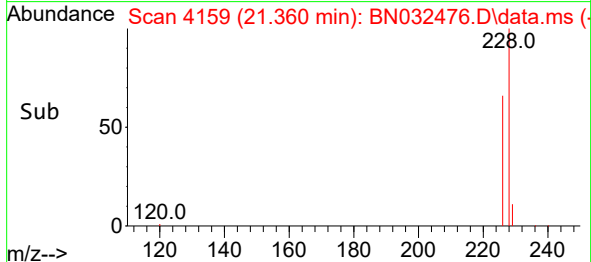
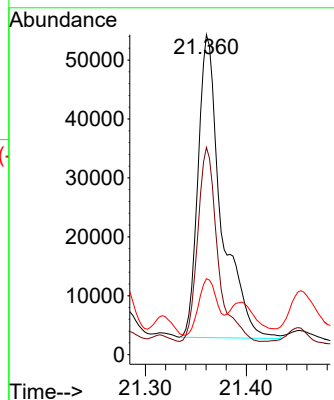


#22
Chrysene
Concen: 38.118 ng/ul
RT: 21.360 min Scan# 4123
Delta R.T. 0.117 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Instrument :
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A4CT5

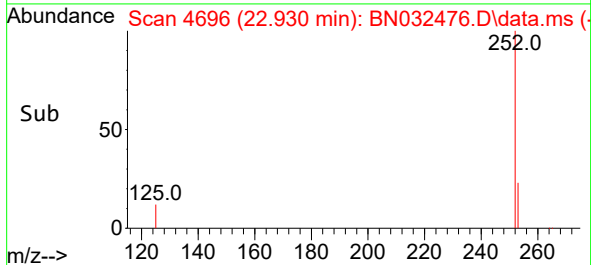
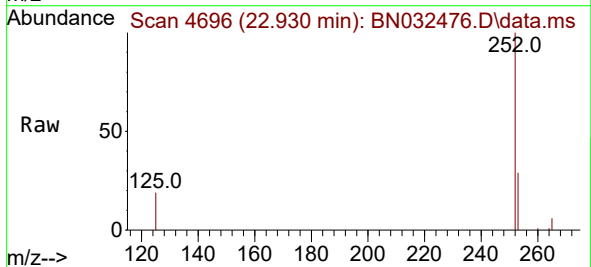
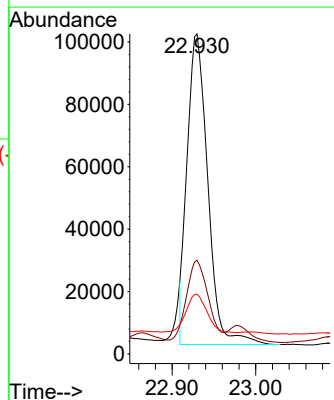


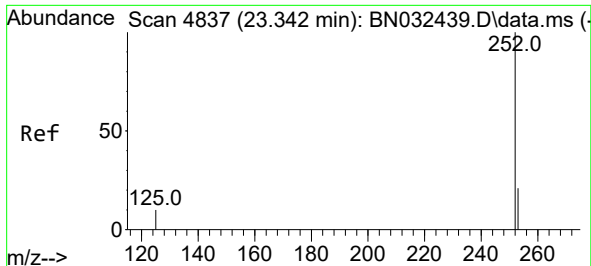
Tgt Ion:228 Resp: 82297
Ion Ratio Lower Upper
228 100
226 64.8 23.6 35.4#
229 23.7 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 4.913 ng/ul
RT: 22.930 min Scan# 4696
Delta R.T. 0.172 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Tgt Ion:252 Resp: 170726
Ion Ratio Lower Upper
252 100
253 29.3 0.0 50.2
125 18.6 0.0 32.0

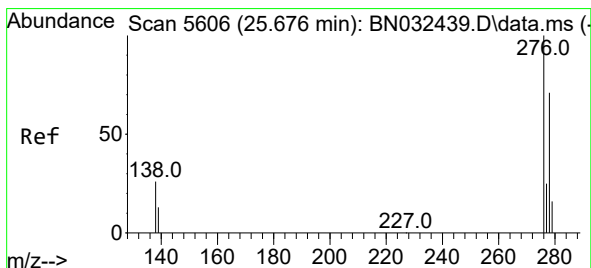
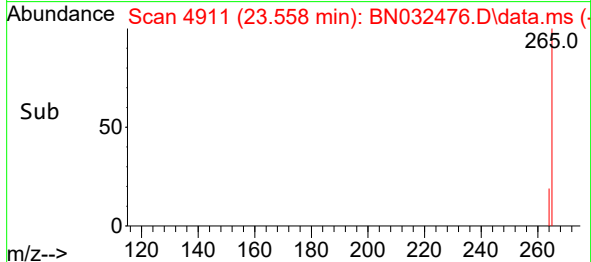
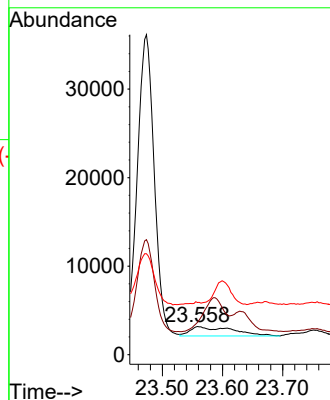
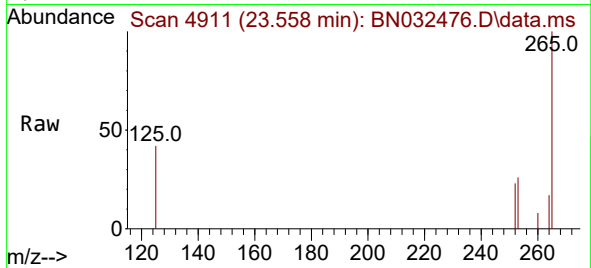




#26
Benzo(a)pyrene
Concen: 0.215 ng/ul
RT: 23.558 min Scan# 4911
Delta R.T. 0.231 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

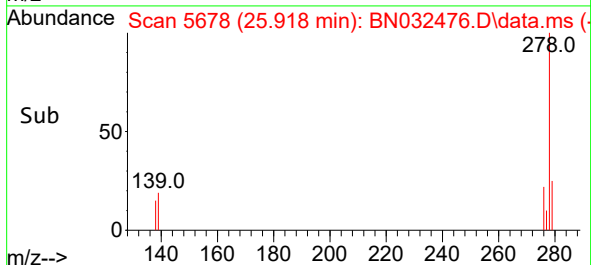
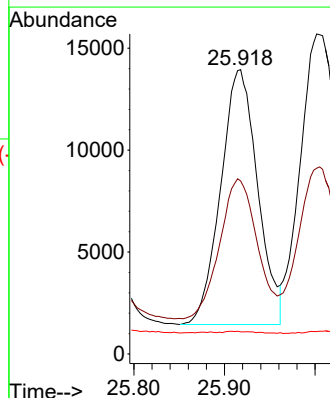
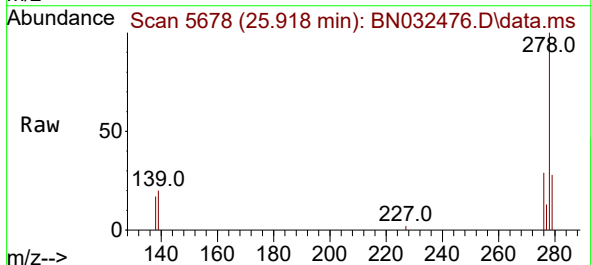
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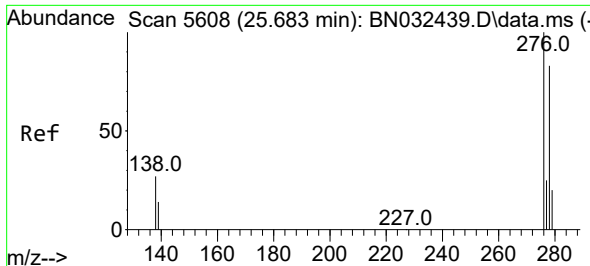
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Ion Ratio Lower Upper
252 100
253 115.0 22.2 33.2#
125 185.2 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.937 ng/ul
RT: 25.918 min Scan# 5678
Delta R.T. 0.258 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Tgt Ion:276 Resp: 35465
Ion Ratio Lower Upper
276 100
138 55.8 21.3 31.9#
227 0.6 0.1 0.1#

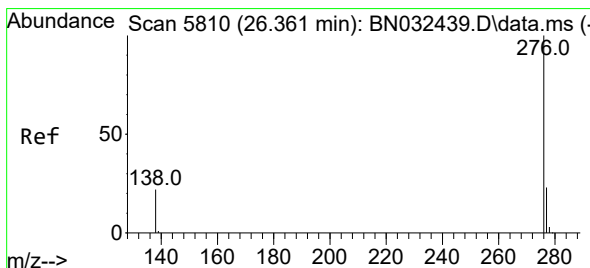
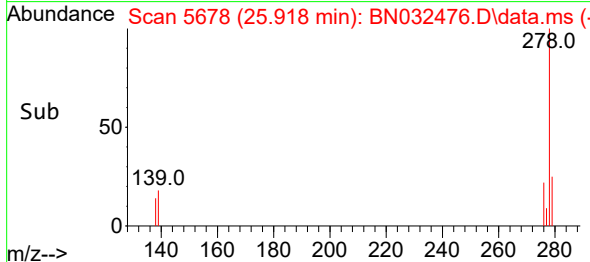
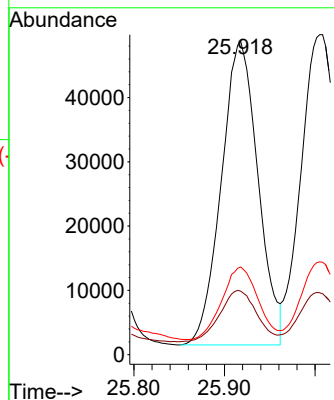
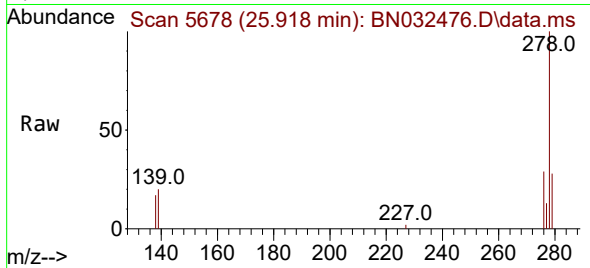




#28
Dibenzo(a,h)anthracene
Concen: 4.726 ng/ul
RT: 25.918 min Scan# 5015
Delta R.T. 0.252 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Instrument :
BNA_N
ClientSampleId :
A4CT5

Tgt Ion:278 Resp: 132921
Ion Ratio Lower Upper
278 100
139 20.2 15.9 23.9
279 28.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.534 ng/ul
RT: 26.713 min Scan# 5915
Delta R.T. 0.369 min
Lab File: BN032476.D
Acq: 04 Jul 2024 16:21

Tgt Ion:276 Resp: 16110
Ion Ratio Lower Upper
276 100
138 47.5 19.8 29.6#
277 57.3 19.8 29.6#

