

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032467.D
 Acq On : 04 Jul 2024 10:21
 Operator : MA/JU
 Sample : P2964-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT3

Quant Time: Jul 04 23:05:19 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)

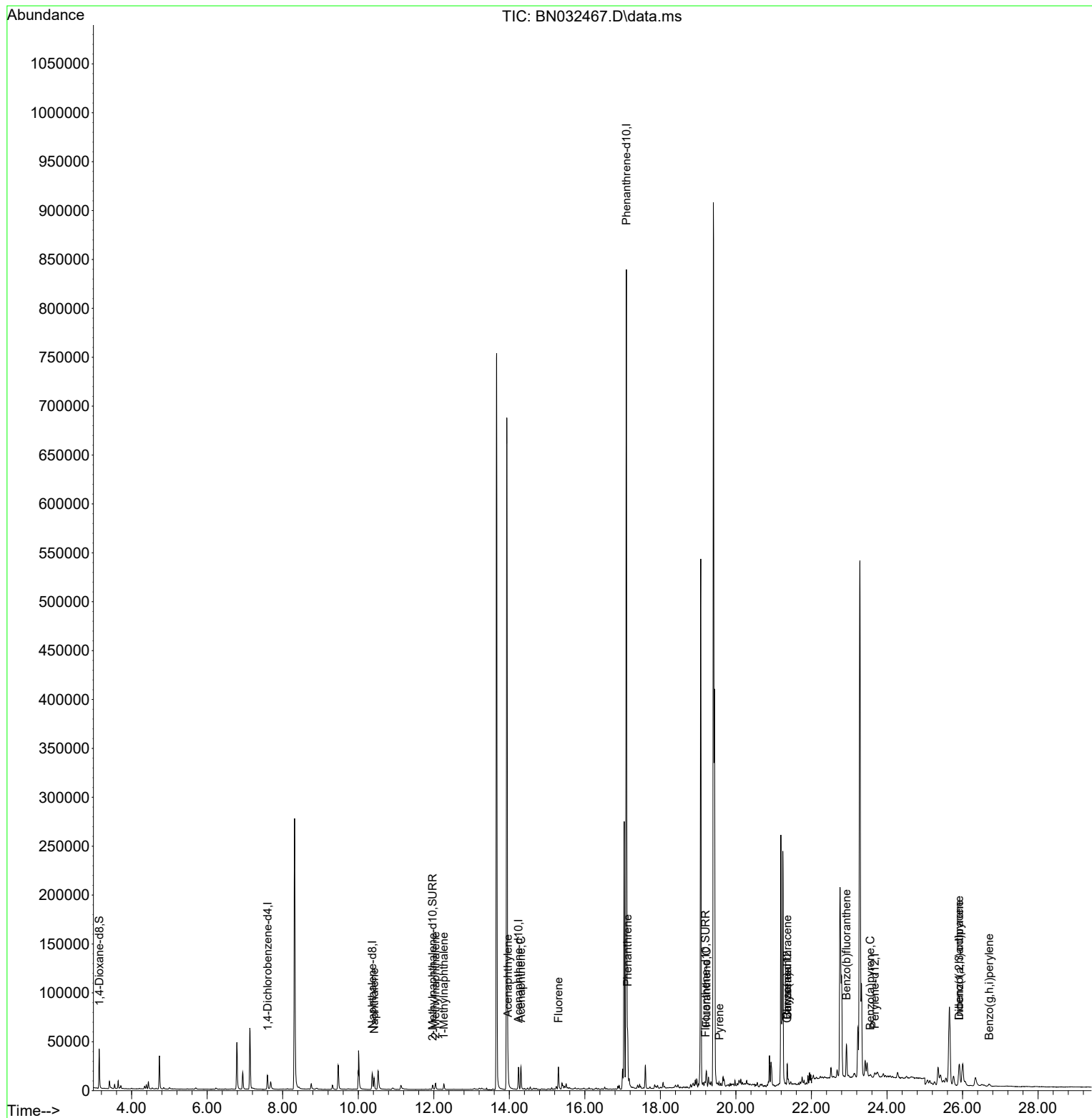
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	7900	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	23657	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	13071	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.100	188	974221	0.400	ng/ul	0.09
17) Chrysene-d12	21.354	240	87	0.400	ng/ul	# 0.15
23) Perylene-d12	23.678	264	2086	0.400	ng/ul	# 0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	27765	3.162	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6889	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.194	212	55	0.210	ng/ul	0.15
Target Compounds						Qvalue
5) Naphthalene	10.420	128	16476	0.263	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	5441	0.131	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	4240	0.099	ng/ul	98
10) Acenaphthylene	13.966	152	18344	0.337	ng/ul	98
11) Acenaphthene	14.308	153	13842	0.328	ng/ul	99
12) Fluorene	15.303	166	15769	0.314	ng/ul	97
15) Phenanthrene	17.134	178	55435	0.021	ng/ul	98
19) Fluoranthene	19.222	202	11312	34.145	ng/ul#	93
20) Pyrene	19.566	202	208	0.601	ng/ul#	43
21) Benzo(a)anthracene	21.360	228	18772	59.782	ng/ul#	48
22) Chrysene	21.360	228	19221	55.770	ng/ul#	51
24) Benzo(b)fluoranthene	22.927	252	42396	4.678	ng/ul	82
26) Benzo(a)pyrene	23.561	252	455	0.072	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.914	276	8481	0.859	ng/ul#	43
28) Dibenzo(a,h)anthracene	25.914	278	32262	4.398	ng/ul#	90
29) Benzo(g,h,i)perylene	26.709	276	3745	0.476	ng/ul#	13

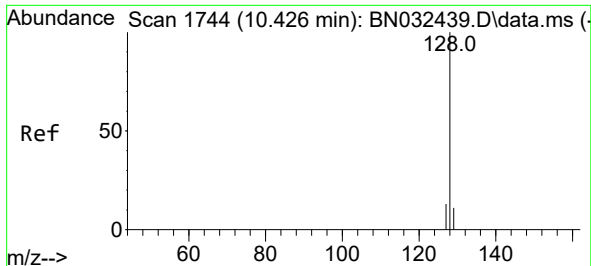
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
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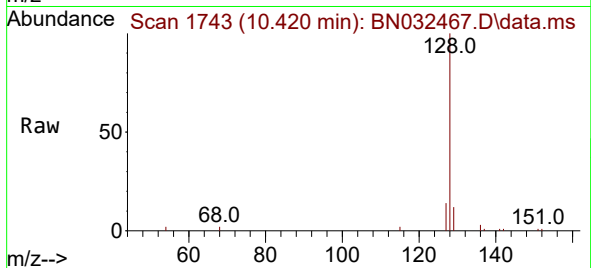
Quant Time: Jul 04 23:05:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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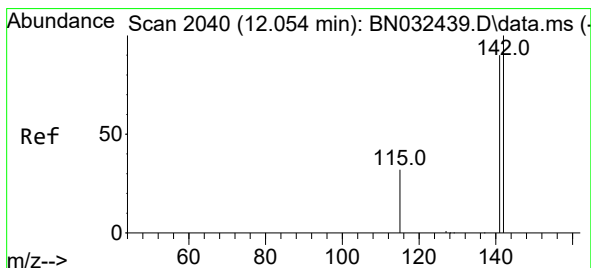
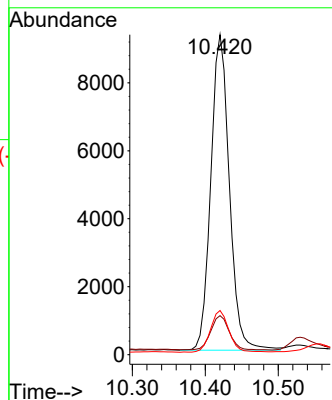
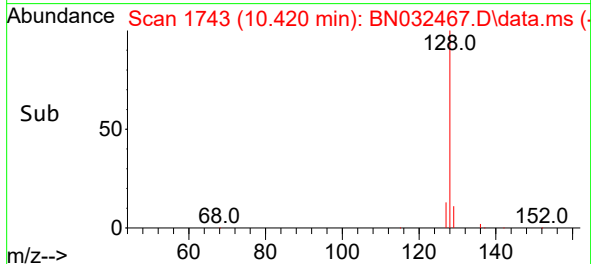


#5
Naphthalene
Concen: 0.263 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Instrument :
BNA_N
ClientSampleId :
A4CT3

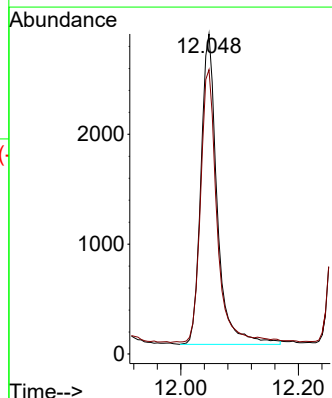
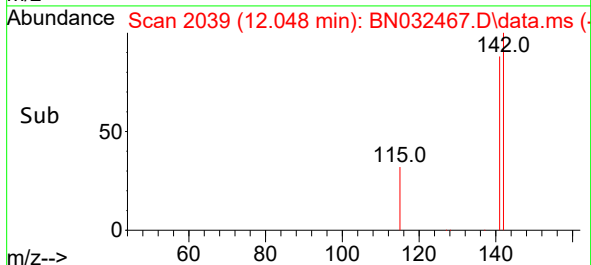
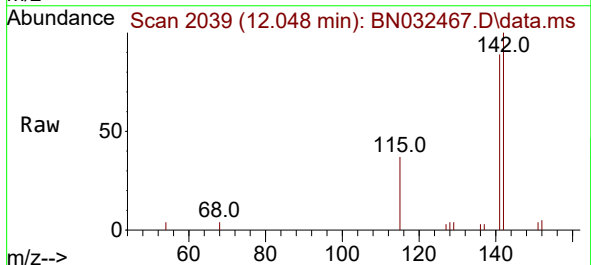


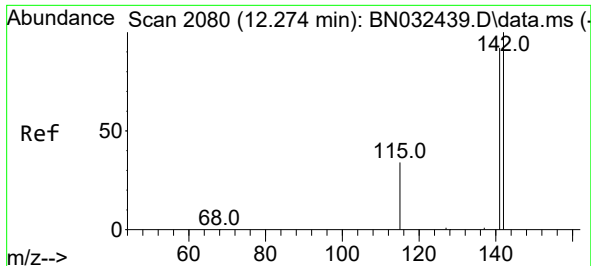
Tgt Ion:128 Resp: 16476
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.8 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.131 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Tgt Ion:142 Resp: 5441
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2

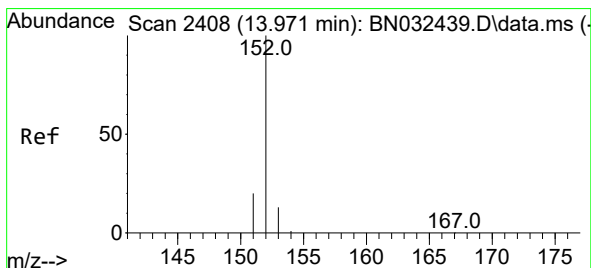
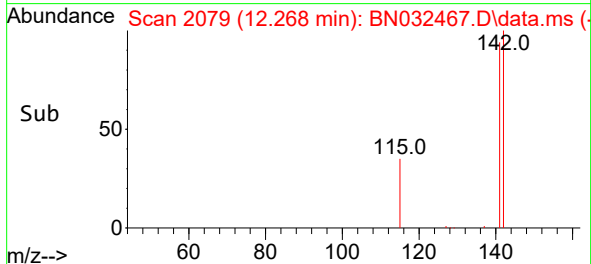
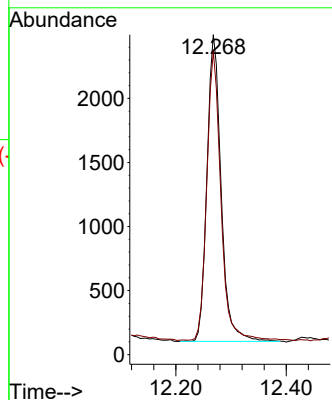
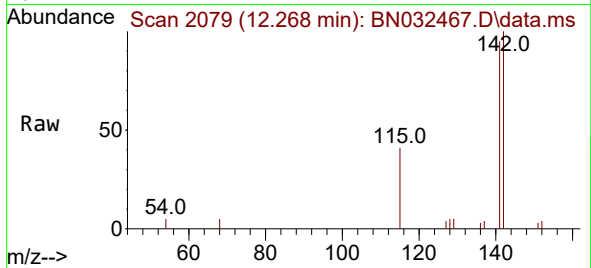




#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

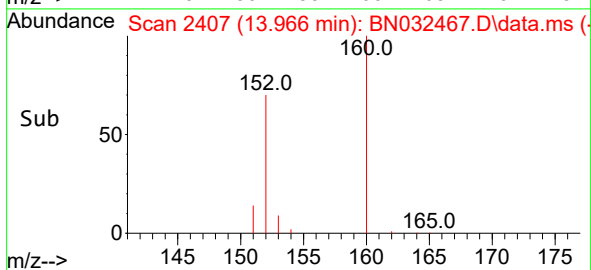
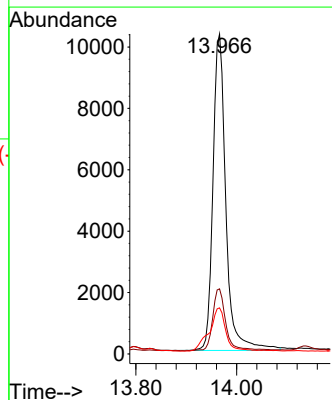
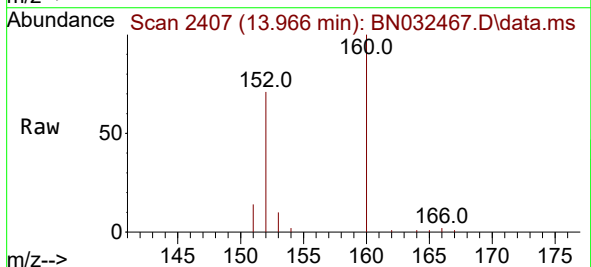
Instrument :
BNA_N
ClientSampleId :
A4CT3

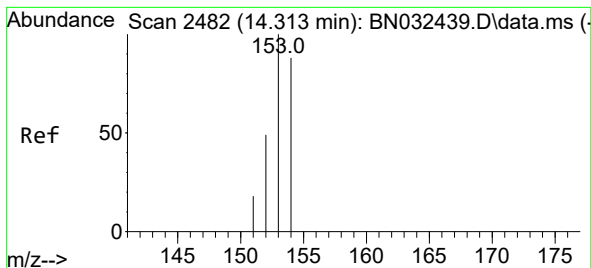
Tgt Ion:142 Resp: 4240
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.0



#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Tgt Ion:152 Resp: 18344
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.4 10.9 16.3





#11

Acenaphthene

Concen: 0.328 ng/ul

RT: 14.308 min Scan# 2481

Delta R.T. -0.005 min

Lab File: BN032467.D

Acq: 04 Jul 2024 10:21

Instrument :

BNA_N

ClientSampleId :

A4CT3

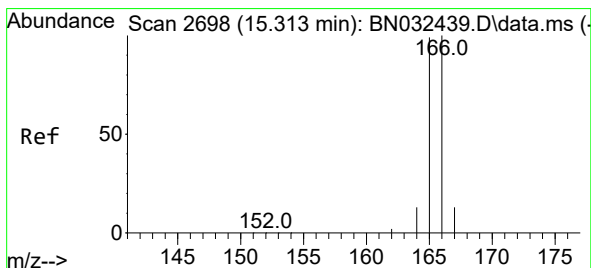
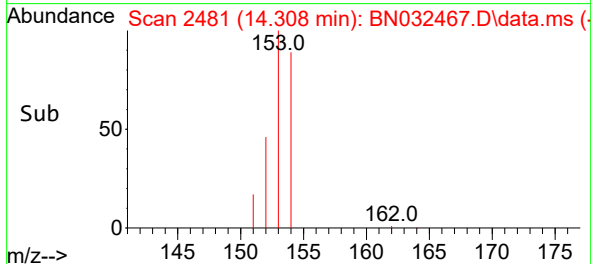
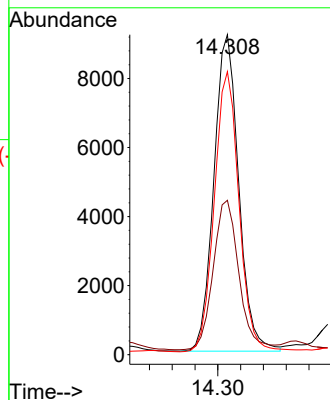
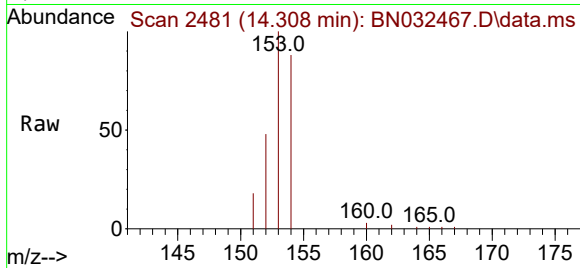
Tgt Ion:153 Resp: 13842

Ion Ratio Lower Upper

153 100

152 48.3 39.5 59.3

154 88.5 71.7 107.5



#12

Fluorene

Concen: 0.314 ng/ul

RT: 15.303 min Scan# 2696

Delta R.T. -0.009 min

Lab File: BN032467.D

Acq: 04 Jul 2024 10:21

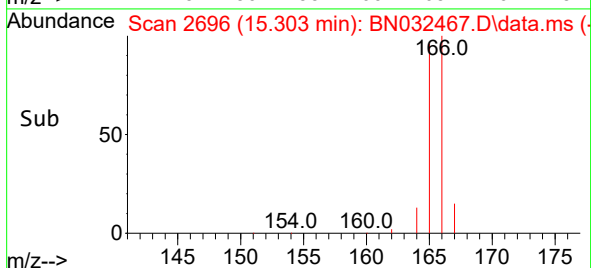
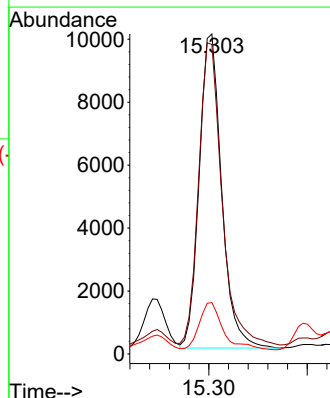
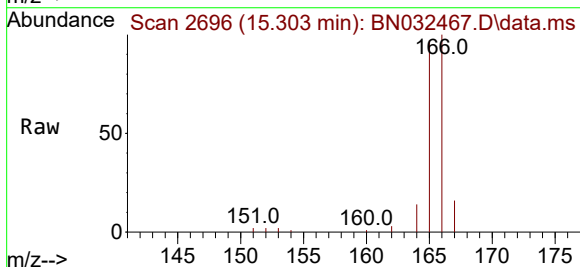
Tgt Ion:166 Resp: 15769

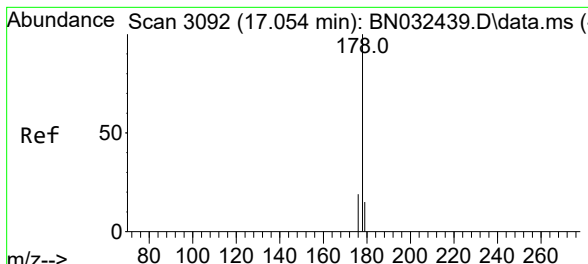
Ion Ratio Lower Upper

166 100

165 96.7 79.0 118.6

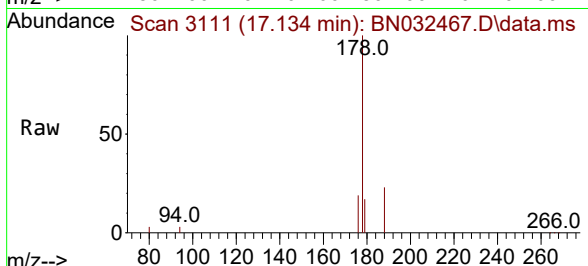
167 16.1 11.0 16.6



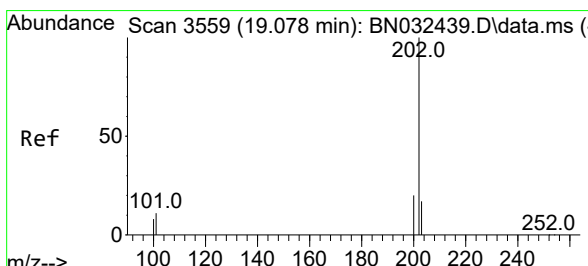
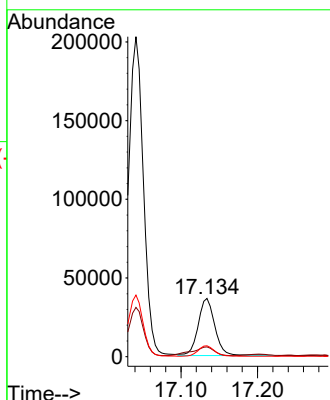
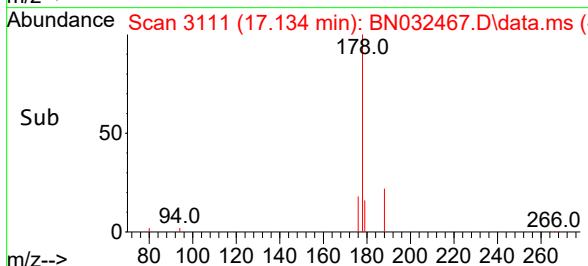


#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. 0.084 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Instrument :
BNA_N
ClientSampleId :
A4CT3

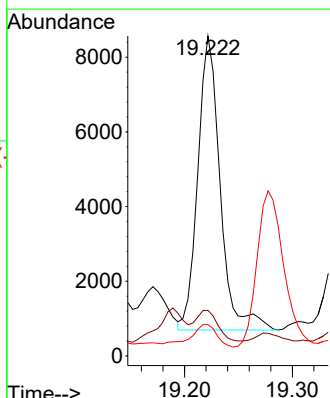
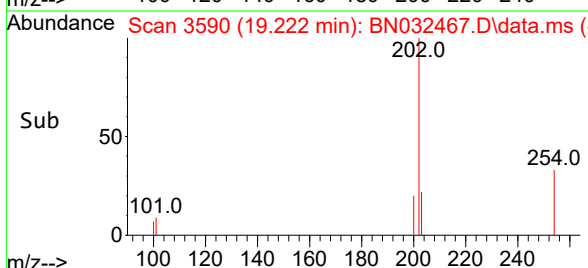
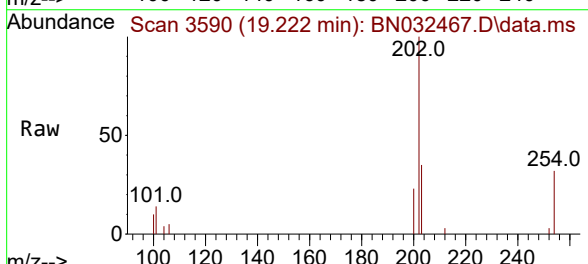


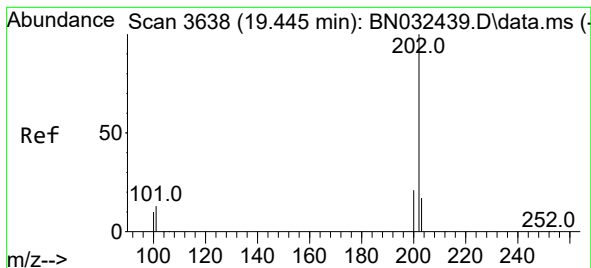
Tgt Ion:178 Resp: 55435
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 18.7 15.6 23.4



#19
Fluoranthene
Concen: 34.145 ng/ul
RT: 19.222 min Scan# 3590
Delta R.T. 0.149 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Tgt Ion:202 Resp: 11312
Ion Ratio Lower Upper
202 100
101 14.2 8.8 13.2#
100 9.8 6.4 9.6#





#20

Pyrene

Concen: 0.601 ng/ul

RT: 19.566 min Scan# 30

Delta R.T. 0.125 min

Lab File: BN032467.D

Acq: 04 Jul 2024 10:21

Instrument :

BNA_N

ClientSampleId :

A4CT3

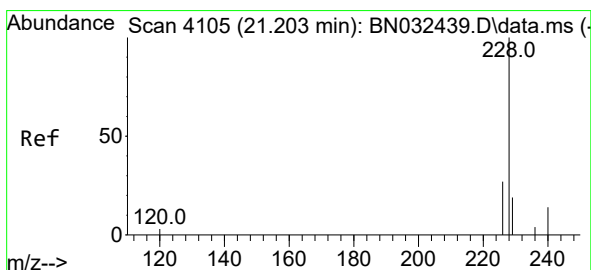
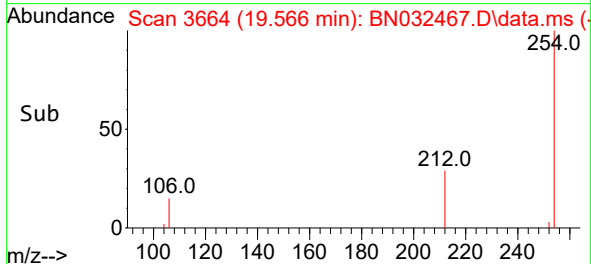
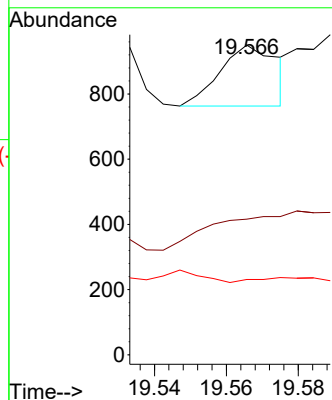
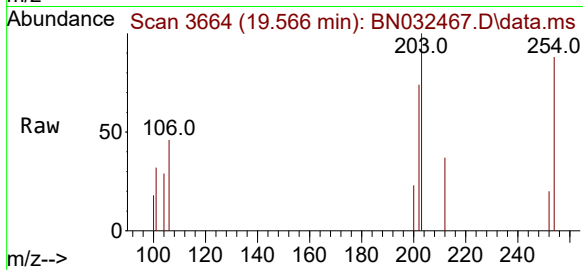
Tgt Ion:202 Resp: 208

Ion Ratio Lower Upper

202 100

101 43.8 11.0 16.4#

100 24.3 8.7 13.1#



#21

Benzo(a)anthracene

Concen: 59.782 ng/ul

RT: 21.360 min Scan# 4159

Delta R.T. 0.169 min

Lab File: BN032467.D

Acq: 04 Jul 2024 10:21

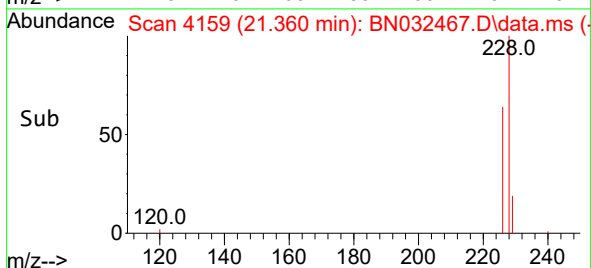
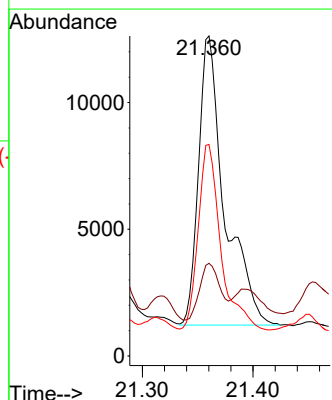
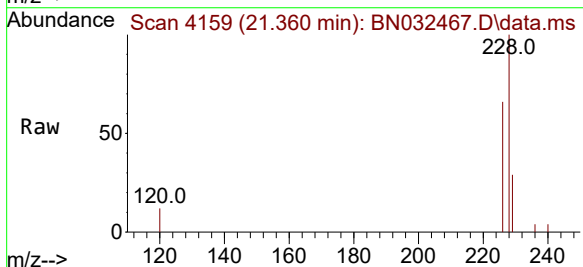
Tgt Ion:228 Resp: 18772

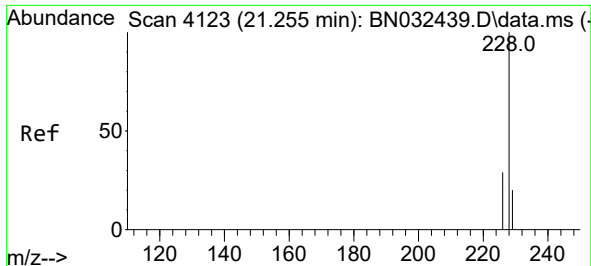
Ion Ratio Lower Upper

228 100

229 29.0 15.7 23.5#

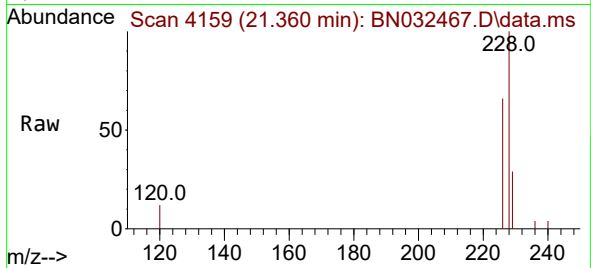
226 66.1 21.8 32.8#



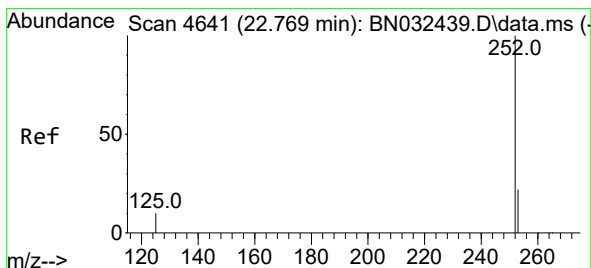
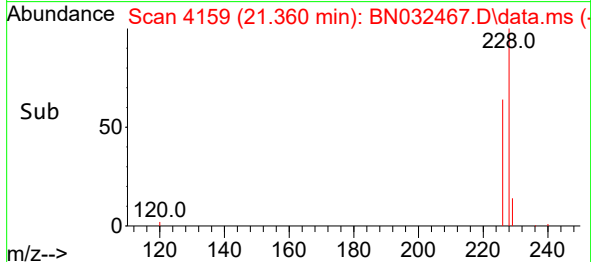
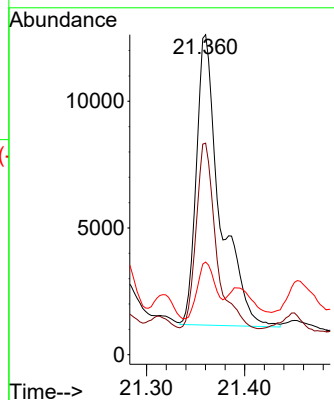


#22
Chrysene
Concen: 55.770 ng/ul
RT: 21.360 min Scan# 4159
Delta R.T. 0.117 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Instrument :
BNA_N
ClientSampleId :
A4CT3

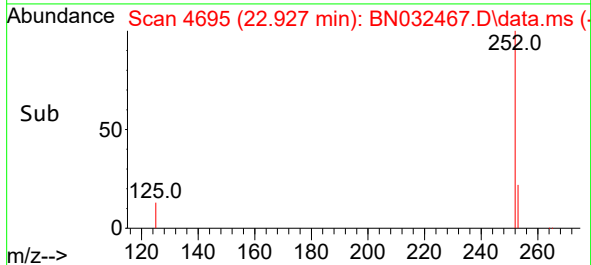
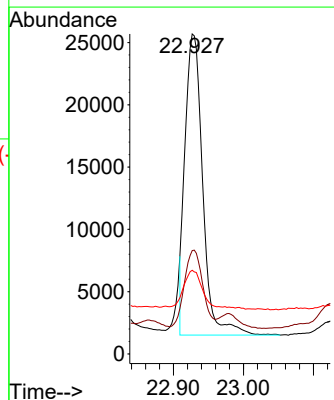
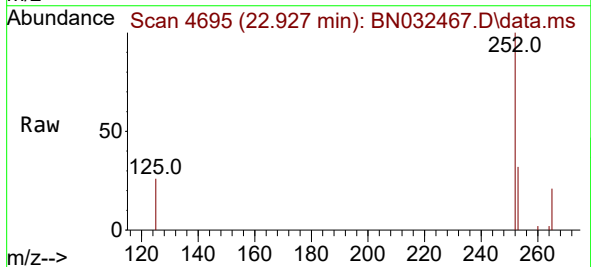


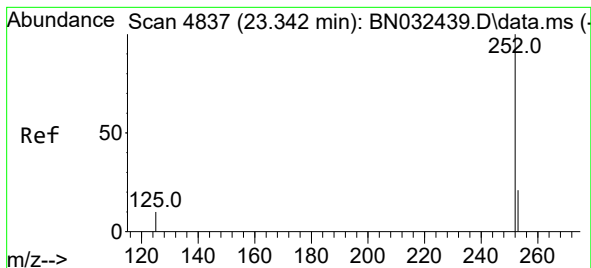
Tgt Ion:228 Resp: 19221
Ion Ratio Lower Upper
228 100
226 66.1 23.6 35.4#
229 29.0 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 4.678 ng/ul
RT: 22.927 min Scan# 4695
Delta R.T. 0.169 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Tgt Ion:252 Resp: 42396
Ion Ratio Lower Upper
252 100
253 32.3 0.0 50.2
125 26.1 0.0 32.0





#26

Benzo(a)pyrene

Concen: 0.072 ng/ul

RT: 23.561 min Scan# 4912

Delta R.T. 0.234 min

Lab File: BN032467.D

Acq: 04 Jul 2024 10:21

Instrument :

BNA_N

ClientSampleId :

A4CT3

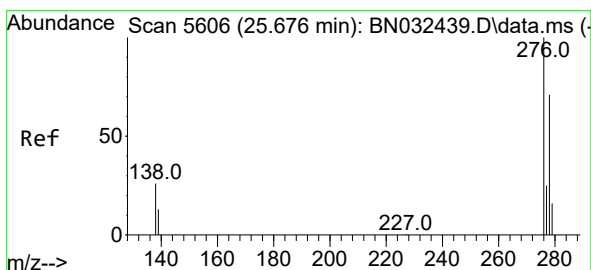
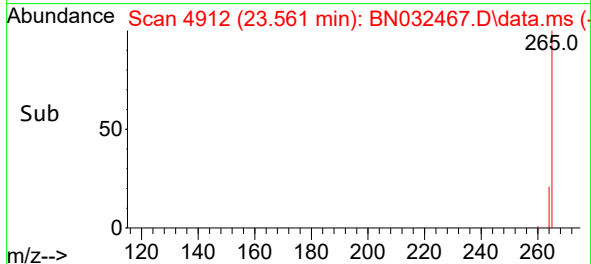
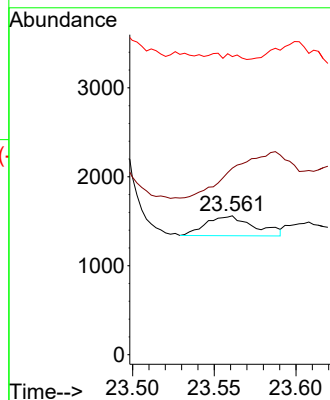
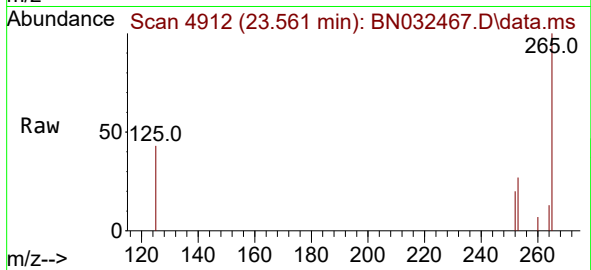
Tgt Ion:252 Resp: 455

Ion Ratio Lower Upper

252 100

253 134.4 22.2 33.2#

125 214.7 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.859 ng/ul

RT: 25.914 min Scan# 5677

Delta R.T. 0.255 min

Lab File: BN032467.D

Acq: 04 Jul 2024 10:21

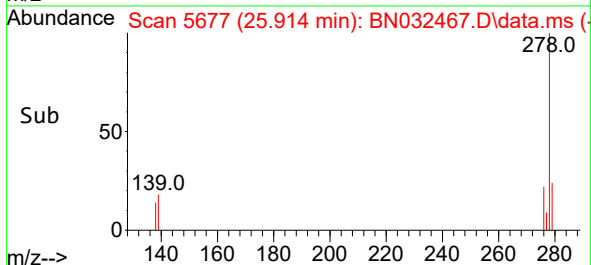
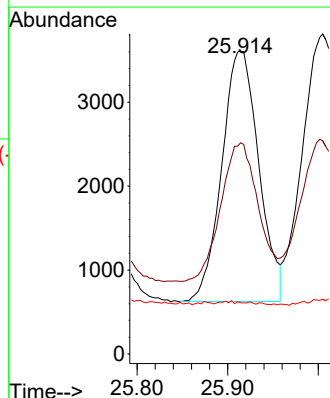
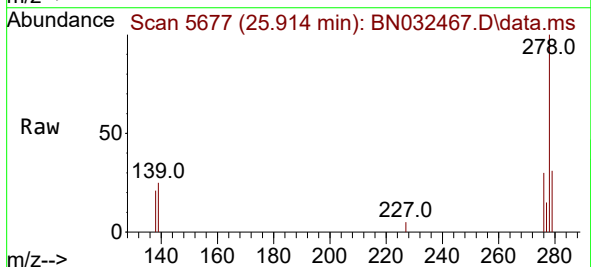
Tgt Ion:276 Resp: 8481

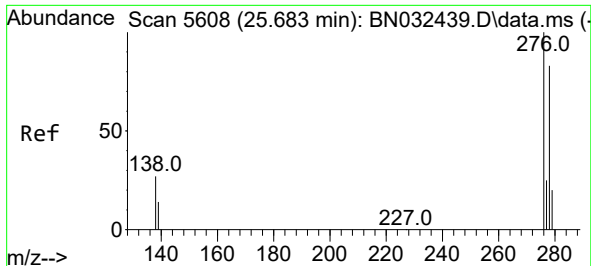
Ion Ratio Lower Upper

276 100

138 56.1 21.3 31.9#

227 0.7 0.1 0.1#

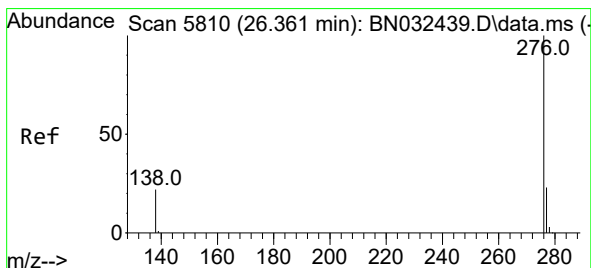
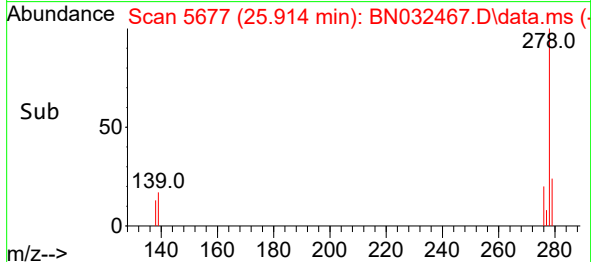
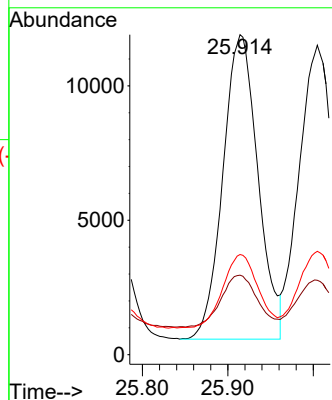
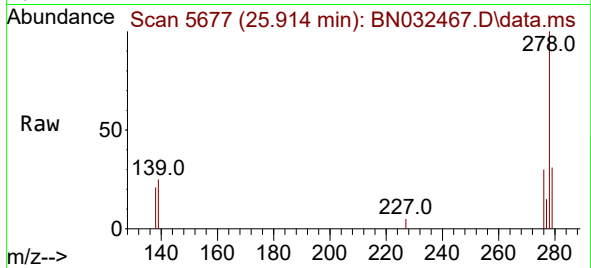




#28
Dibenzo(a,h)anthracene
Concen: 4.398 ng/ul
RT: 25.914 min Scan# 5114
Delta R.T. 0.248 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Instrument :
BNA_N
ClientSampleId :
A4CT3

Tgt Ion:278 Resp: 32262
Ion Ratio Lower Upper
278 100
139 24.8 15.9 23.9#
279 31.3 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.476 ng/ul
RT: 26.709 min Scan# 5914
Delta R.T. 0.365 min
Lab File: BN032467.D
Acq: 04 Jul 2024 10:21

Tgt Ion:276 Resp: 3745
Ion Ratio Lower Upper
276 100
138 70.4 19.8 29.6#
277 66.2 19.8 29.6#

