

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033072.D
 Acq On : 29 Jul 2024 17:49
 Operator : MA/JU
 Sample : P3264-20DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 29 23:07:03 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 : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

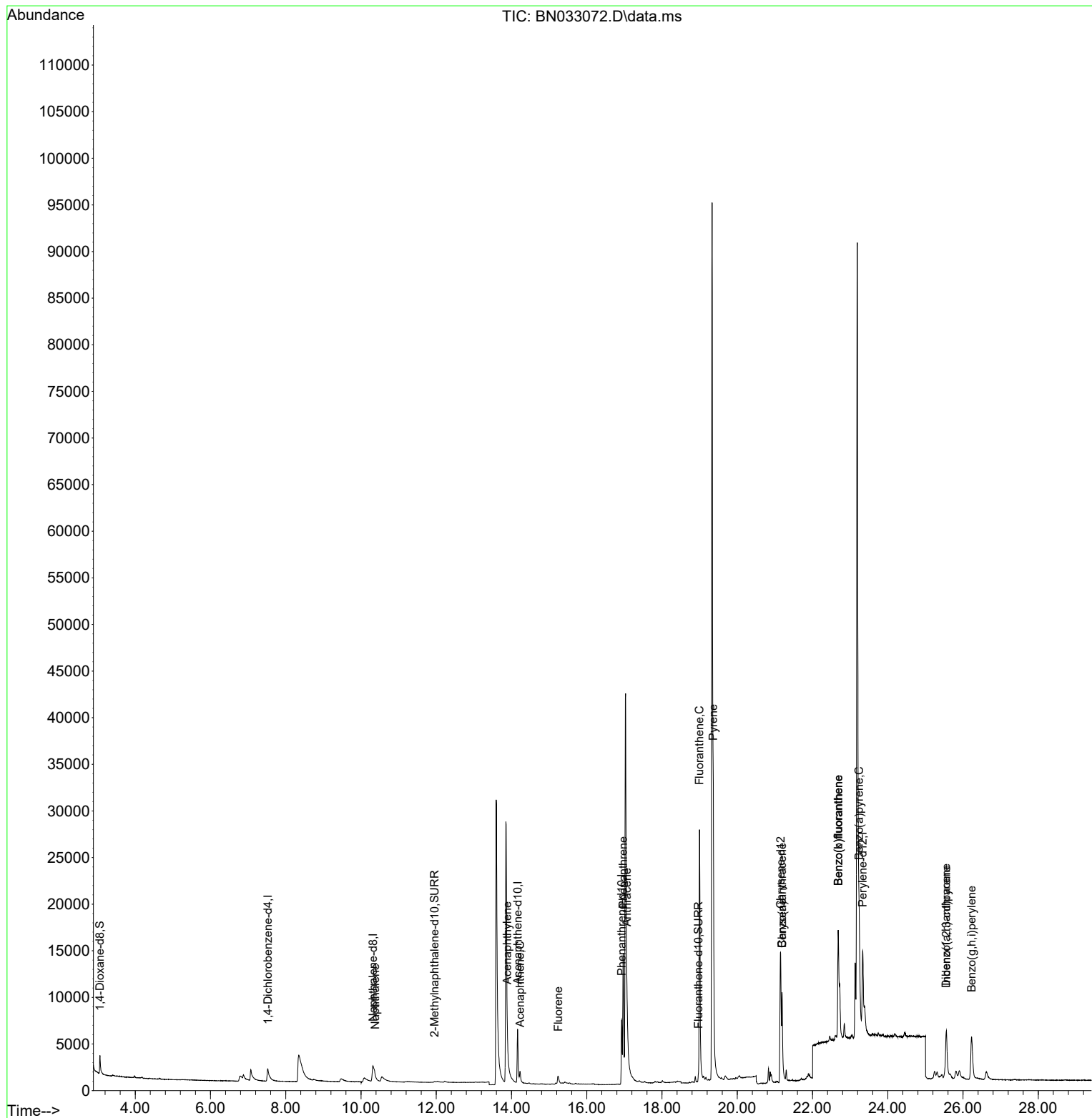
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	1833	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	6233	0.400	ng/ul #	0.02
9) Acenaphthene-d10	14.162	164	4489	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.928	188	10247	0.400	ng/ul	-0.02
17) Chrysene-d12	21.151	240	9747	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	15745	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	1571	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	340	0.033	ng/ul	0.04
18) Fluoranthene-d10	18.967	212	1242	0.045	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	10.372	128	565	0.035	ng/ul#	28
10) Acenaphthylene	13.889	152	1033	0.056	ng/ul#	74
11) Acenaphthene	14.226	153	861	0.062	ng/ul	95
12) Fluorene	15.240	166	1185	0.074	ng/ul#	94
15) Phenanthrene	16.966	178	18649	0.679	ng/ul	99
16) Anthracene	17.063	178	3037	0.123	ng/ul#	84
19) Fluoranthene	18.995	202	30607	0.954	ng/ul	99
20) Pyrene	19.362	202	27283	0.793	ng/ul	99
21) Benzo(a)anthracene	21.189	228	10363	0.312	ng/ul	95
22) Chrysene	21.189	228	11233	0.290	ng/ul	98
24) Benzo(b)fluoranthene	22.682	252	27260	0.593	ng/ul	95
25) Benzo(k)fluoranthene	22.682	252	27108	0.492	ng/ul	94
26) Benzo(a)pyrene	23.238	252	14669	0.339	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.557	276	10300	0.156	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.550	278	2361	0.045	ng/ul#	48
29) Benzo(g,h,i)perylene	26.225	276	10917	0.209	ng/ul	98

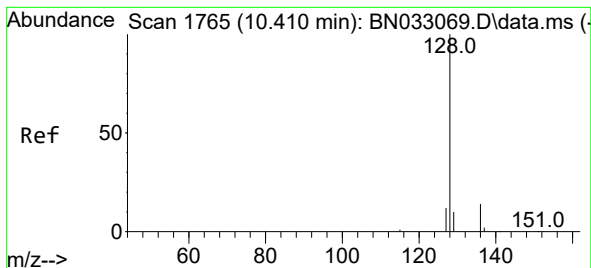
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.035 ng/ul

RT: 10.372 min Scan# 11

Delta R.T. 0.022 min

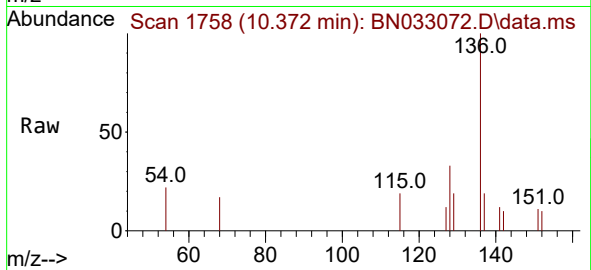
Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

Instrument :

BNA_P

ClientSampleId :



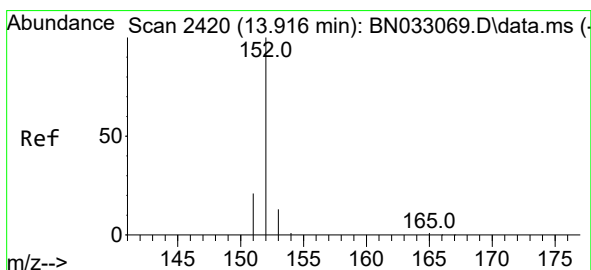
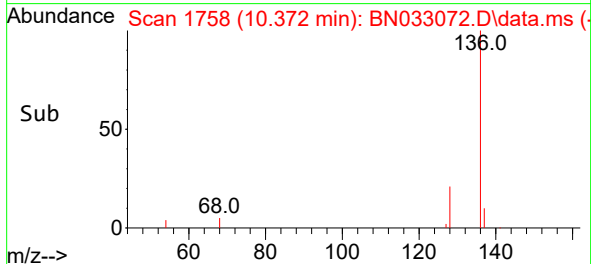
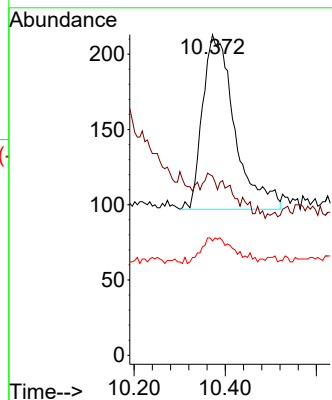
Tgt Ion:128 Resp: 565

Ion Ratio Lower Upper

128 100

129 55.9 12.0 18.0#

127 35.7 12.7 19.1#



#10

Acenaphthylene

Concen: 0.056 ng/ul

RT: 13.889 min Scan# 2414

Delta R.T. -0.009 min

Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

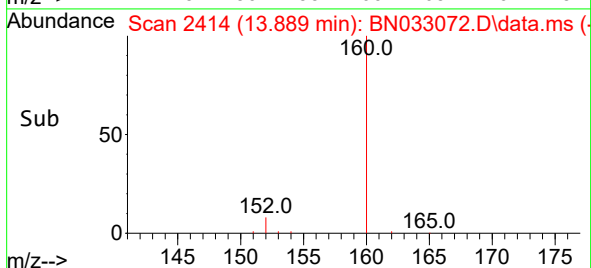
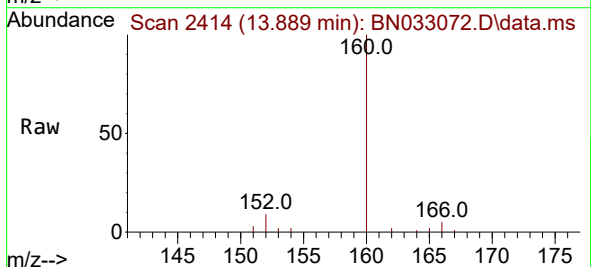
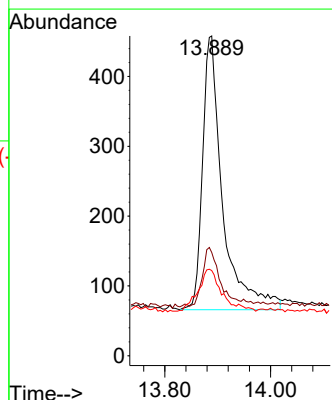
Tgt Ion:152 Resp: 1033

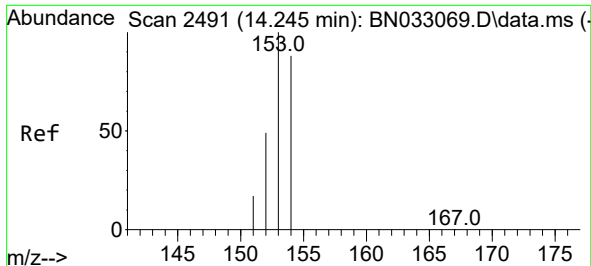
Ion Ratio Lower Upper

152 100

151 32.3 16.8 25.2#

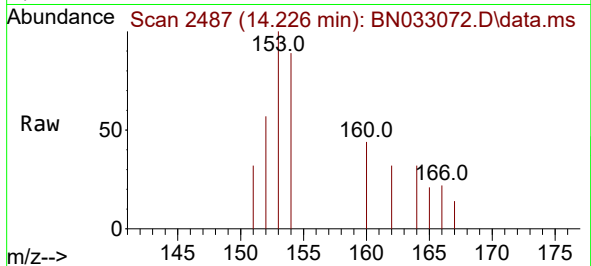
153 26.6 11.9 17.9#



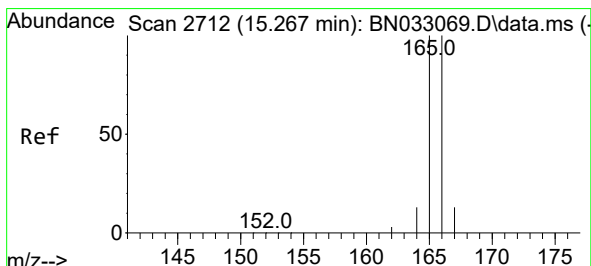
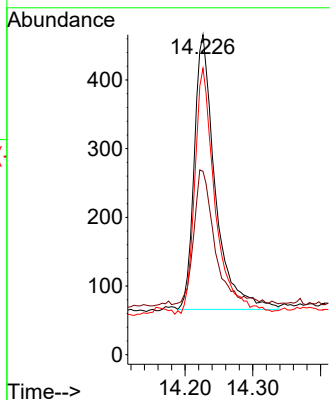
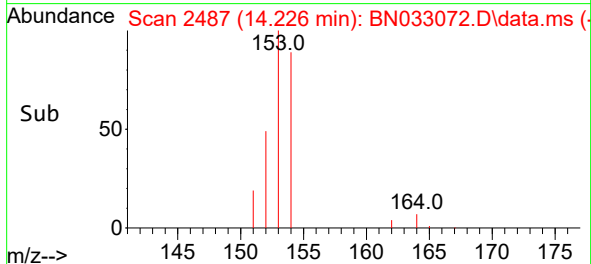


#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.226 min Scan# 2491
Delta R.T. -0.009 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Instrument :
BNA_P
ClientSampleId :

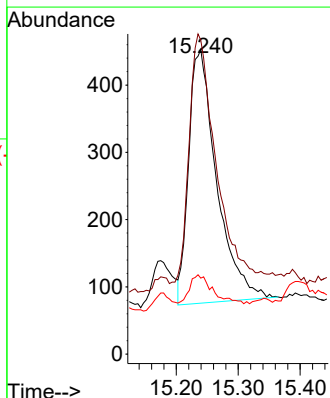
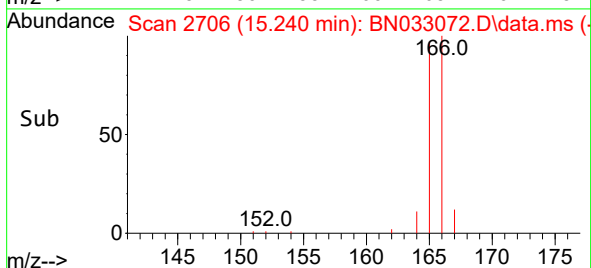
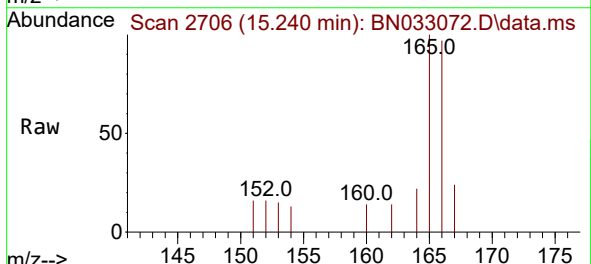


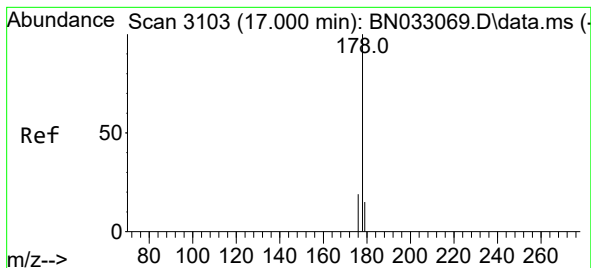
Tgt Ion:153 Resp: 861
Ion Ratio Lower Upper
153 100
152 57.3 40.0 60.0
154 89.5 70.1 105.1



#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.240 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Tgt Ion:166 Resp: 1185
Ion Ratio Lower Upper
166 100
165 103.1 79.6 119.4
167 24.9 12.2 18.4#





#15

Phenanthrene

Concen: 0.679 ng/ul

RT: 16.966 min Scan# 3095

Delta R.T. -0.021 min

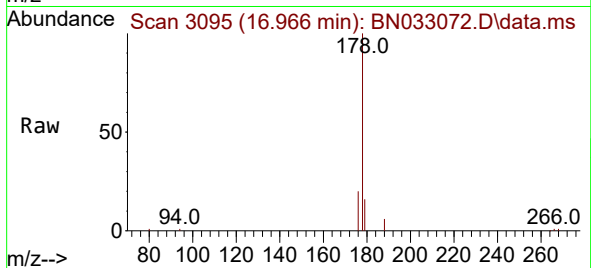
Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

Instrument :

BNA_P

ClientSampleId :



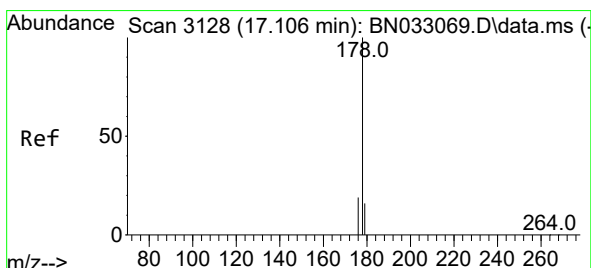
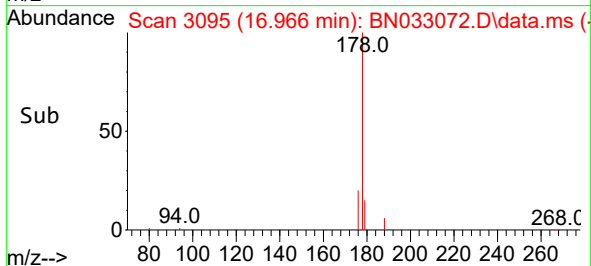
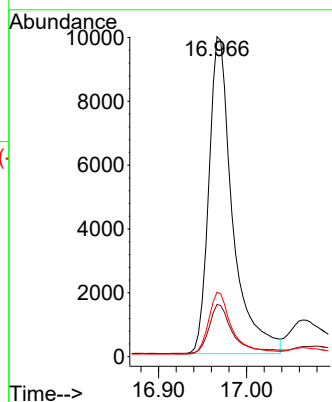
Tgt Ion:178 Resp: 18649

Ion	Ratio	Lower	Upper
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178	100		
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179	16.3	13.7	20.5
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176	20.1	15.9	23.9
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#16

Anthracene

Concen: 0.123 ng/ul

RT: 17.063 min Scan# 3118

Delta R.T. -0.021 min

Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

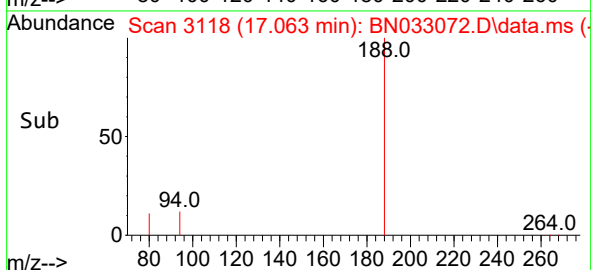
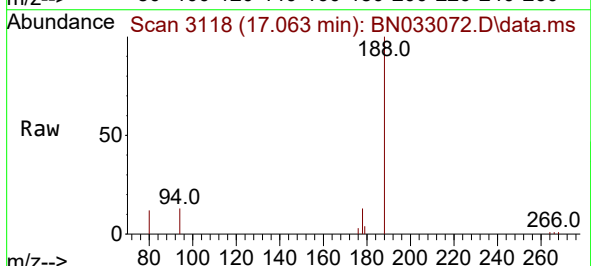
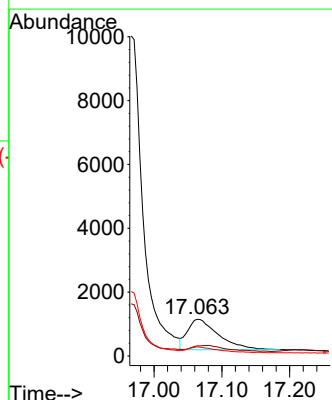
Tgt Ion:178 Resp: 3037

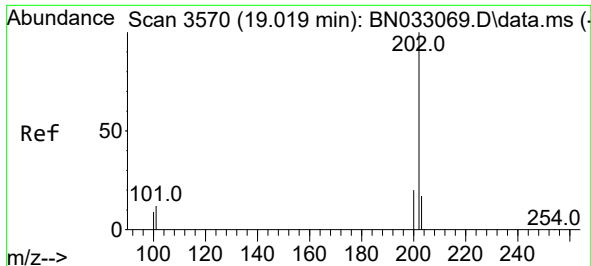
Ion	Ratio	Lower	Upper
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178	100		
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179	27.3	14.3	21.5#
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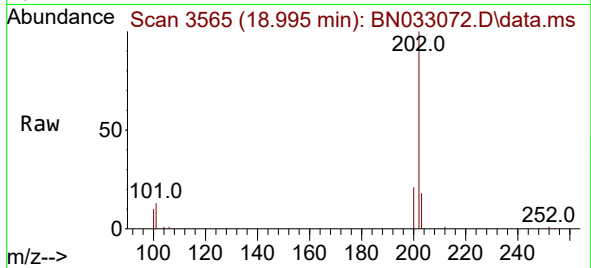
176	24.7	15.8	23.8#
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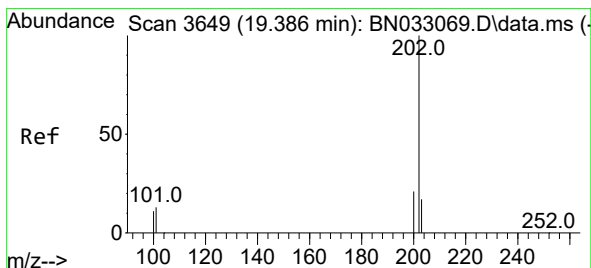
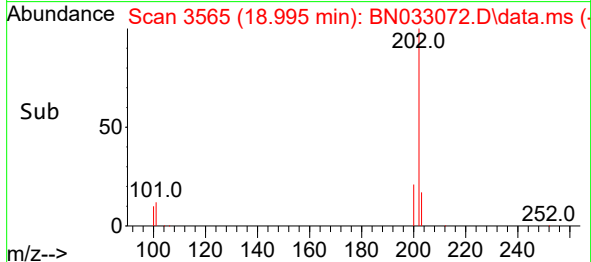
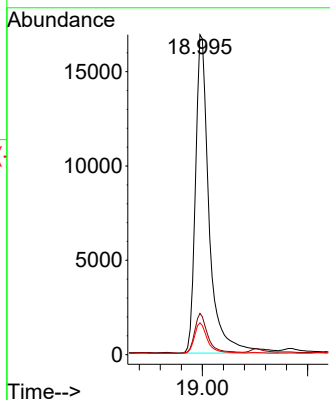


#19
Fluoranthene
Concen: 0.954 ng/ul
RT: 18.995 min Scan# 3565
Delta R.T. -0.018 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Instrument :
BNA_P
ClientSampleId :

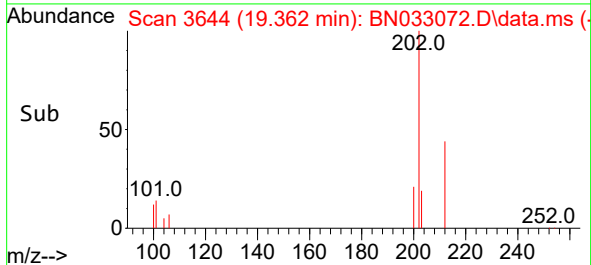
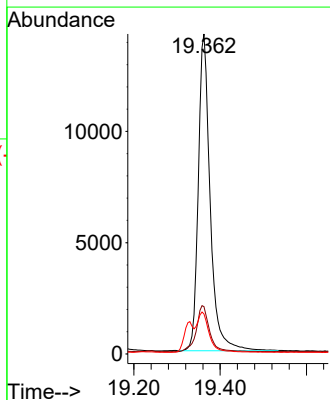
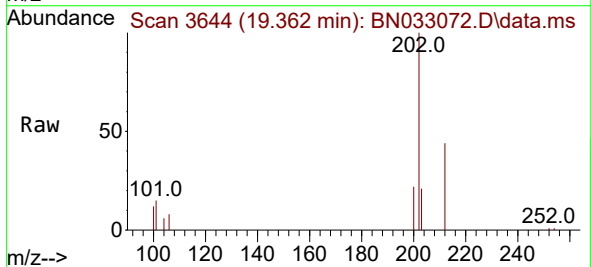


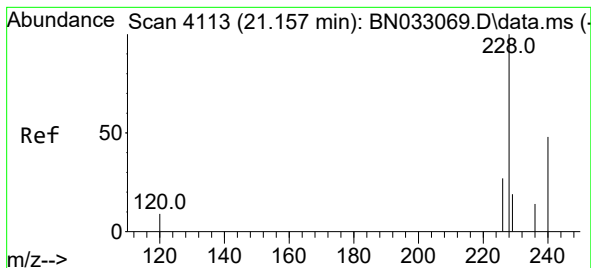
Tgt Ion:202 Resp: 30607
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.0 8.3 12.5



#20
Pyrene
Concen: 0.793 ng/ul
RT: 19.362 min Scan# 3644
Delta R.T. -0.018 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Tgt Ion:202 Resp: 27283
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.5 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.312 ng/ul

RT: 21.189 min Scan# 4113

Delta R.T. 0.044 min

Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

Instrument :

BNA_P

ClientSampleId :

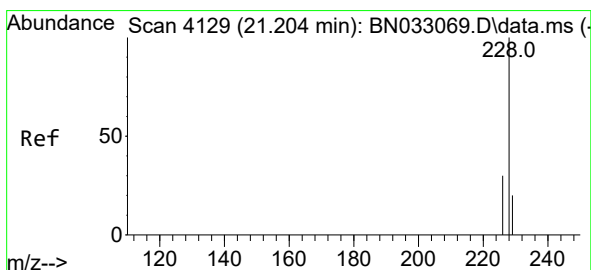
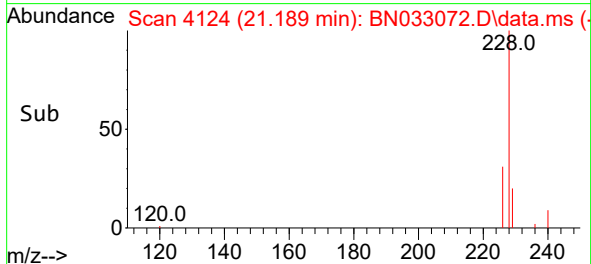
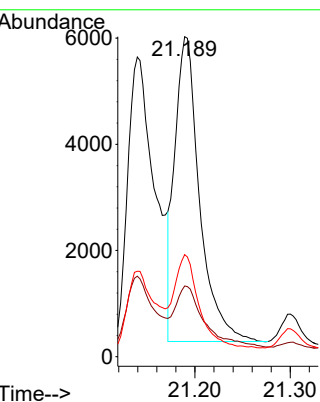
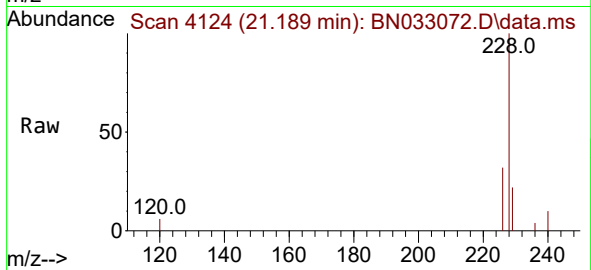
Tgt Ion:228 Resp: 10363

Ion Ratio Lower Upper

228 100

229 22.1 17.1 25.7

226 31.9 22.4 33.6



#22

Chrysene

Concen: 0.290 ng/ul

RT: 21.189 min Scan# 4124

Delta R.T. -0.006 min

Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

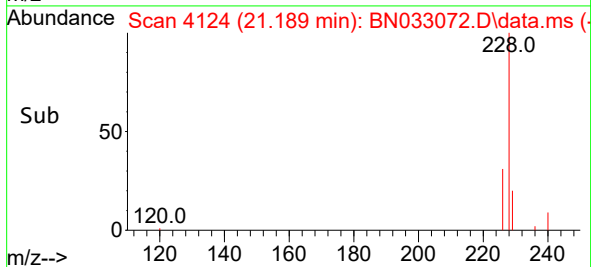
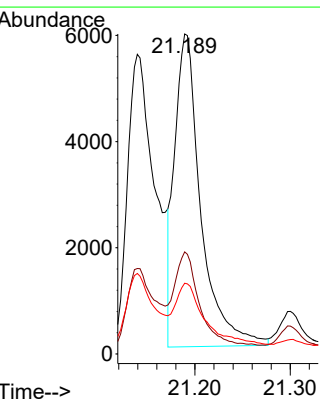
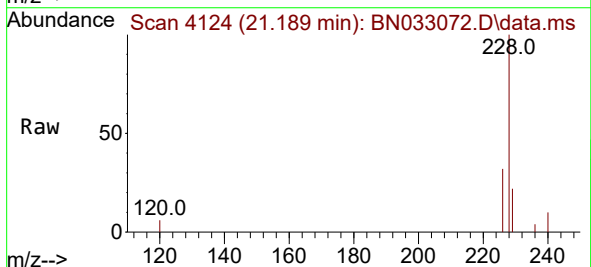
Tgt Ion:228 Resp: 11233

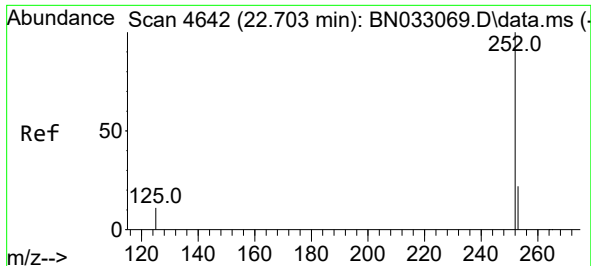
Ion Ratio Lower Upper

228 100

226 31.9 24.7 37.1

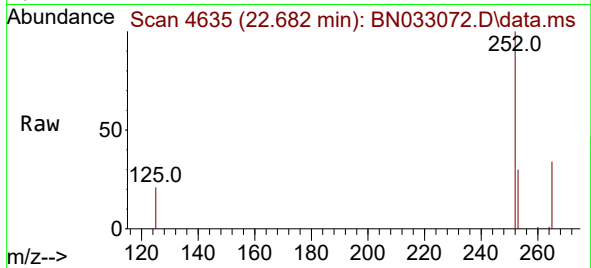
229 22.1 17.0 25.6



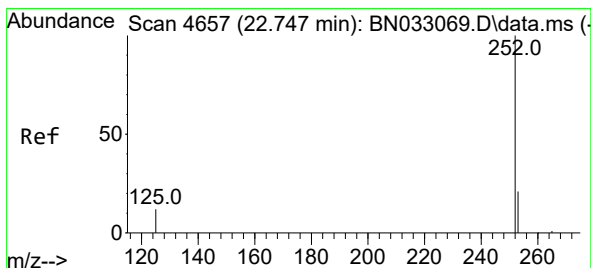
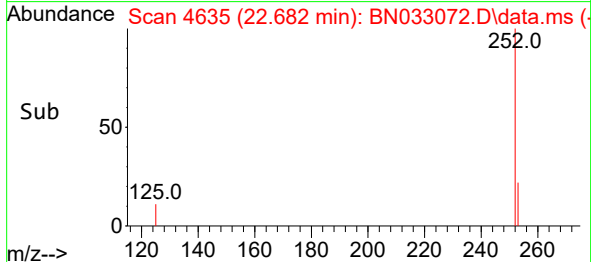
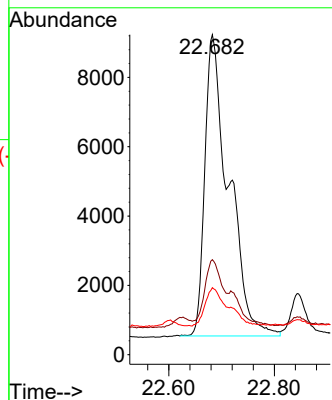


#24
Benzo(b)fluoranthene
Concen: 0.593 ng/ul
RT: 22.682 min Scan# 4635
Delta R.T. -0.012 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Instrument :
BNA_P
ClientSampleId :

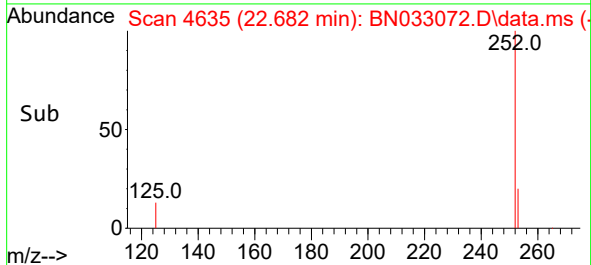
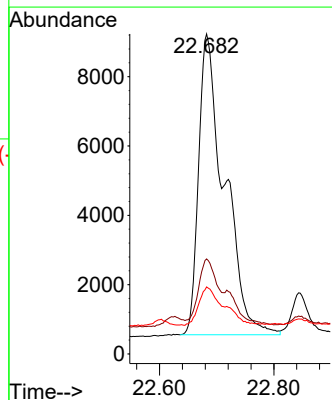
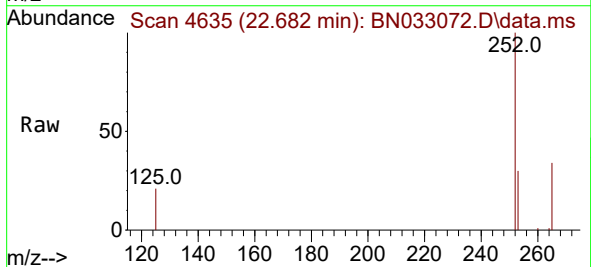


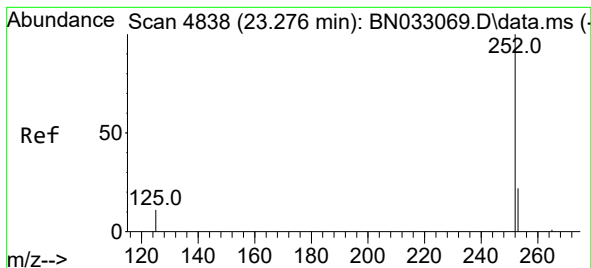
Tgt Ion:252 Resp: 27260
Ion Ratio Lower Upper
252 100
253 29.7 0.0 60.6
125 21.0 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul
RT: 22.682 min Scan# 4635
Delta R.T. -0.053 min
Lab File: BN033072.D
Acq: 29 Jul 2024 17:49

Tgt Ion:252 Resp: 27108
Ion Ratio Lower Upper
252 100
253 29.7 24.9 37.3
125 21.0 20.9 31.3





#26

Benzo(a)pyrene

Concen: 0.339 ng/ul

RT: 23.238 min Scan# 41

Delta R.T. -0.023 min

Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

Instrument :

BNA_P

ClientSampleId :

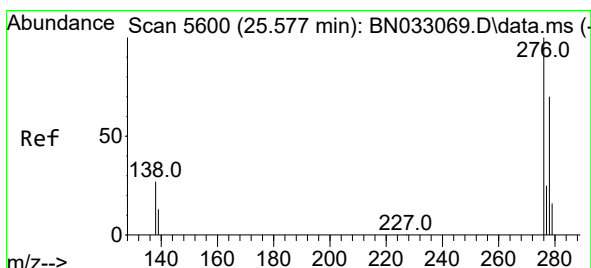
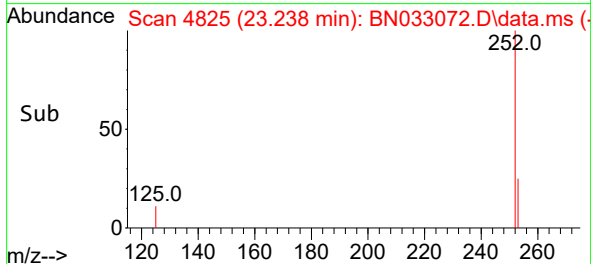
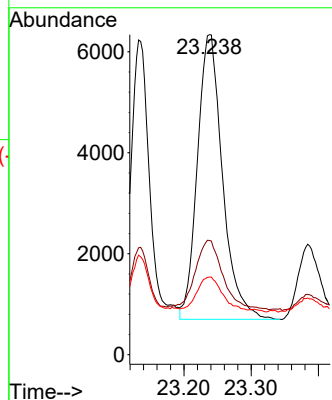
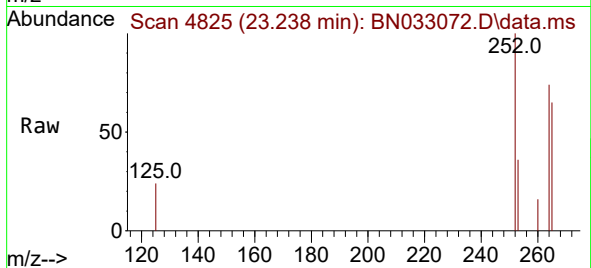
Tgt Ion:252 Resp: 14669

Ion Ratio Lower Upper

252 100

253 35.7 27.5 41.3

125 24.2 27.0 40.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.156 ng/ul

RT: 25.557 min Scan# 5594

Delta R.T. -0.003 min

Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

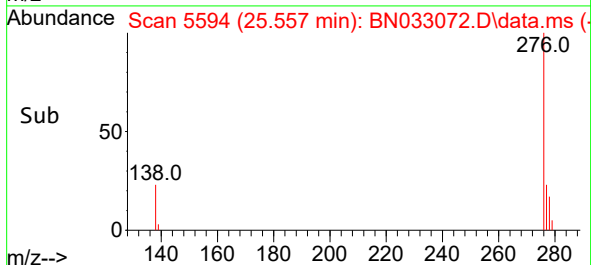
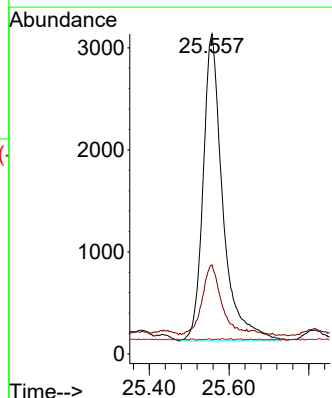
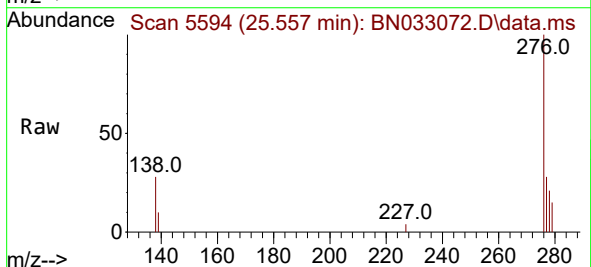
Tgt Ion:276 Resp: 10300

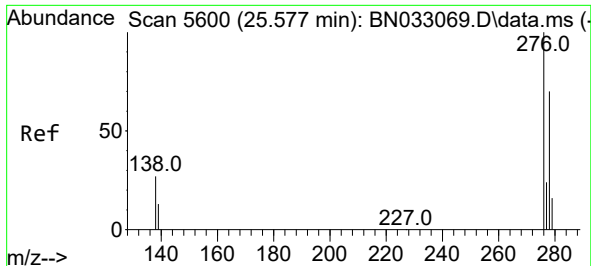
Ion Ratio Lower Upper

276 100

138 22.7 21.8 32.8

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.045 ng/ul

RT: 25.550 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

Instrument :

BNA_P

ClientSampleId :

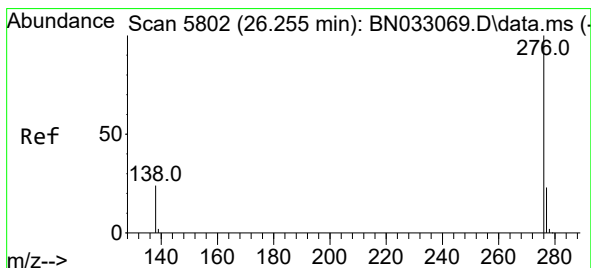
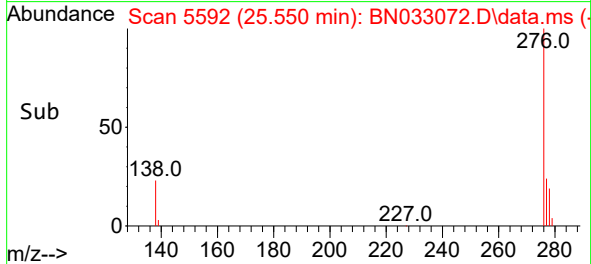
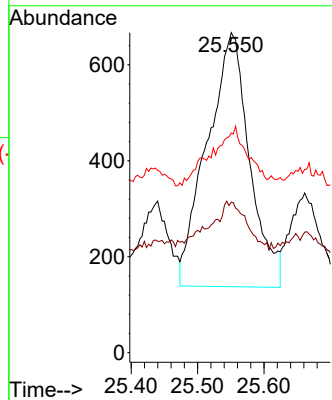
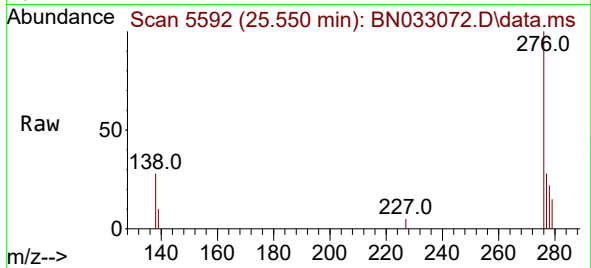
Tgt Ion:278 Resp: 2361

Ion Ratio Lower Upper

278 100

139 47.1 22.5 33.7#

279 68.7 25.5 38.3#



#29

Benzo(g,h,i)perylene

Concen: 0.209 ng/ul

RT: 26.225 min Scan# 5793

Delta R.T. -0.017 min

Lab File: BN033072.D

Acq: 29 Jul 2024 17:49

Tgt Ion:276 Resp: 10917

Ion Ratio Lower Upper

276 100

138 29.3 24.6 37.0

277 28.5 22.6 34.0

