

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033114.D
 Acq On : 30 Jul 2024 19:53
 Operator : MA/JU
 Sample : P3336-10DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E38DL

Quant Time: Jul 30 23:58:08 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)

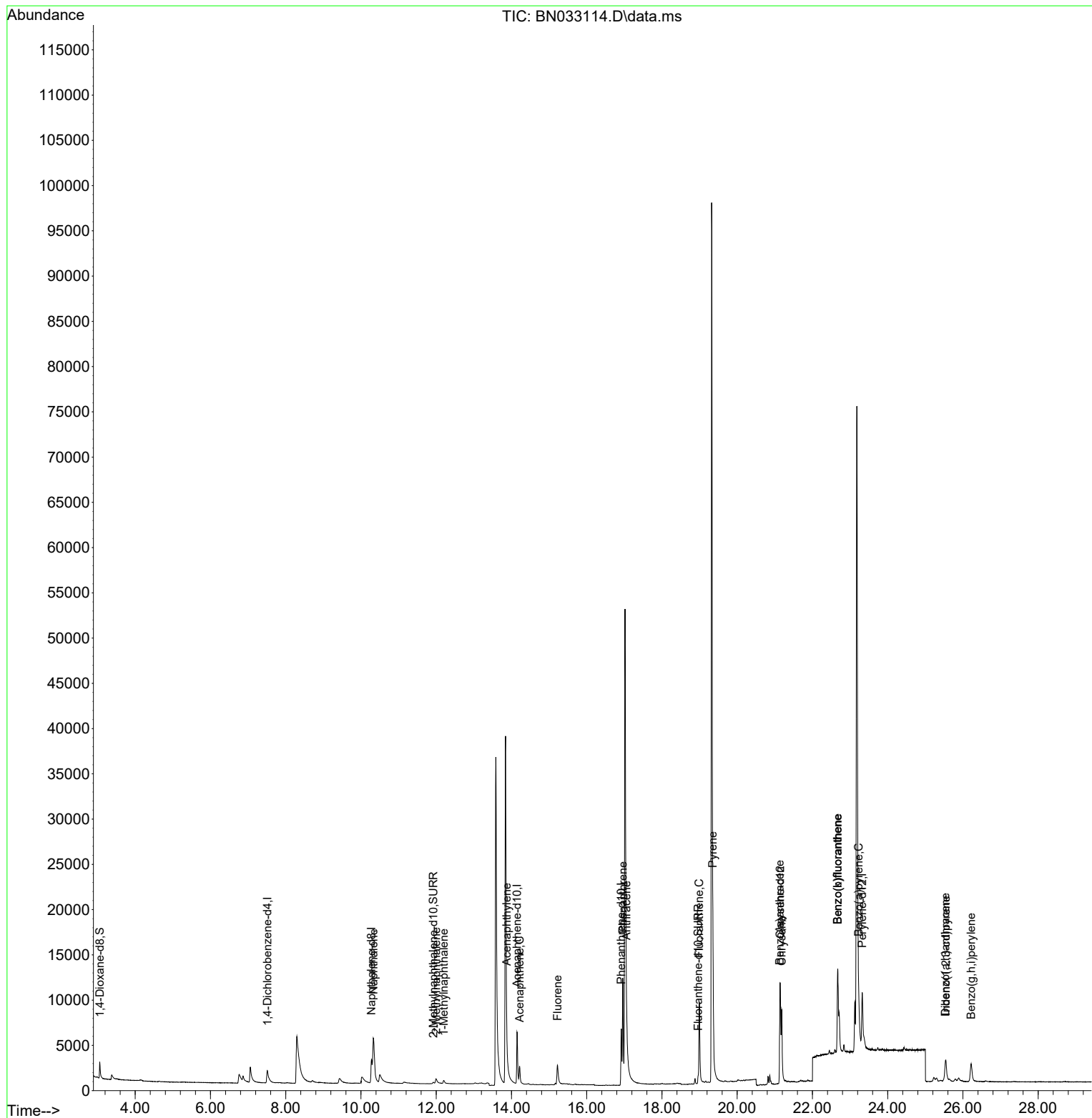
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.512	152	1675	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.278	136	6432	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.148	164	4029	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	16.920	188	8794	0.400	ng/ul	-0.02
17) Chrysene-d12	21.142	240	8467	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	10524	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1371	0.647	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	437	0.042	ng/ul	0.00
18) Fluoranthene-d10	18.963	212	1225	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.333	128	12556	0.760	ng/ul	96
7) 2-Methylnaphthalene	12.000	142	852	0.076	ng/ul	94
8) 1-Methylnaphthalene	12.203	142	391	0.032	ng/ul	100
10) Acenaphthylene	13.870	152	1260	0.076	ng/ul#	79
11) Acenaphthene	14.217	153	1445	0.117	ng/ul	97
12) Fluorene	15.221	166	2586	0.179	ng/ul	98
15) Phenanthrene	16.958	178	15161	0.643	ng/ul	99
16) Anthracene	17.055	178	2225	0.105	ng/ul#	86
19) Fluoranthene	18.991	202	10705	0.384	ng/ul	98
20) Pyrene	19.353	202	10595	0.354	ng/ul	97
21) Benzo(a)anthracene	21.131	228	7991	0.277	ng/ul	97
22) Chrysene	21.183	228	9247	0.274	ng/ul	99
24) Benzo(b)fluoranthene	22.671	252	20701	0.673	ng/ul	94
25) Benzo(k)fluoranthene	22.671	252	20731	0.563	ng/ul#	93
26) Benzo(a)pyrene	23.226	252	4478	0.155	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.544	276	5074	0.115	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.534	278	1239	0.036	ng/ul#	18
29) Benzo(g,h,i)perylene	26.218	276	4687	0.134	ng/ul	95

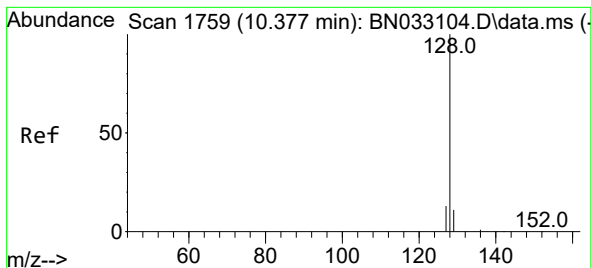
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.760 ng/ul

RT: 10.333 min Scan# 1751

Delta R.T. -0.044 min

Lab File: BN033114.D

Acq: 30 Jul 2024 19:53

Instrument :

BNA_N

ClientSampleId :

F7E38DL

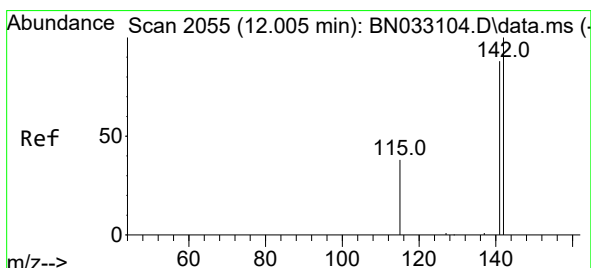
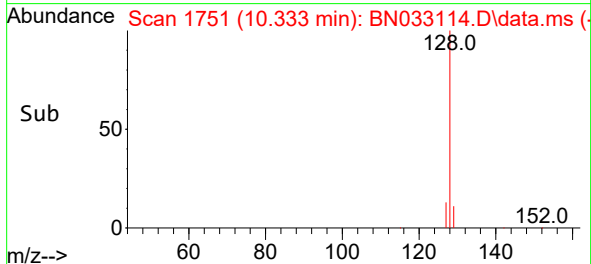
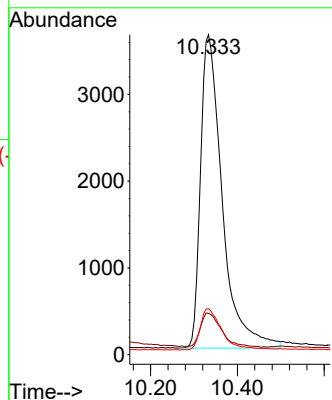
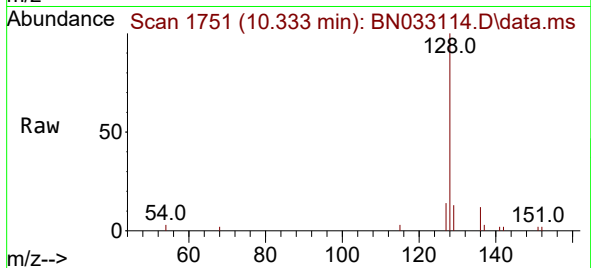
Tgt Ion:128 Resp: 12556

Ion Ratio Lower Upper

128 100

129 12.9 12.0 18.0

127 14.4 12.7 19.1



#7

2-Methylnaphthalene

Concen: 0.076 ng/ul

RT: 12.000 min Scan# 2054

Delta R.T. -0.005 min

Lab File: BN033114.D

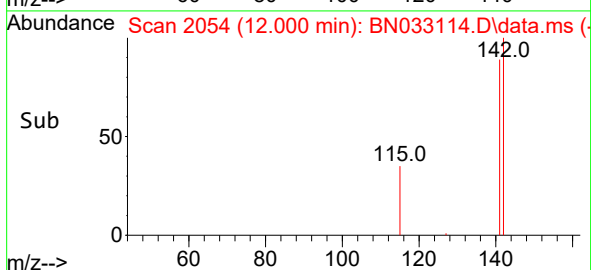
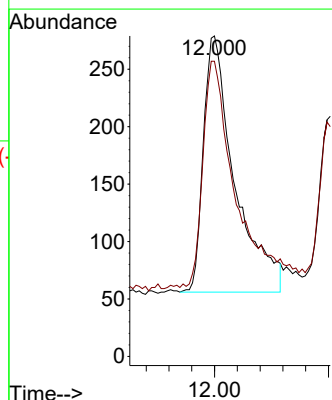
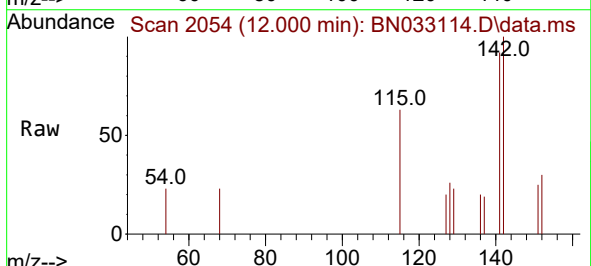
Acq: 30 Jul 2024 19:53

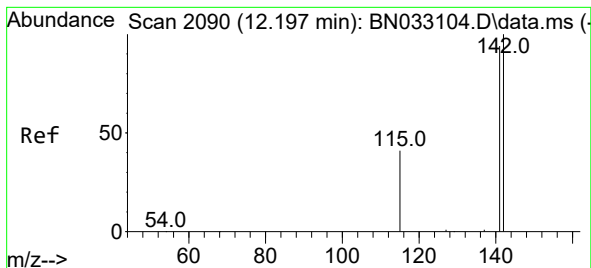
Tgt Ion:142 Resp: 852

Ion Ratio Lower Upper

142 100

141 88.6 75.2 112.8





#8

1-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.203 min Scan# 2091

Delta R.T. 0.006 min

Lab File: BN033114.D

Acq: 30 Jul 2024 19:53

Instrument :

BNA_N

ClientSampleId :

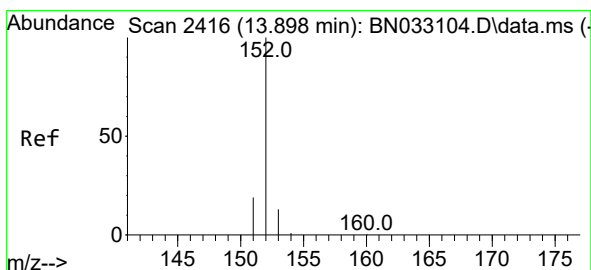
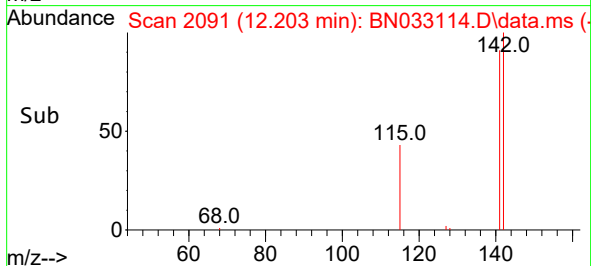
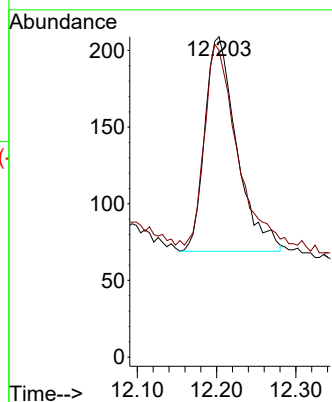
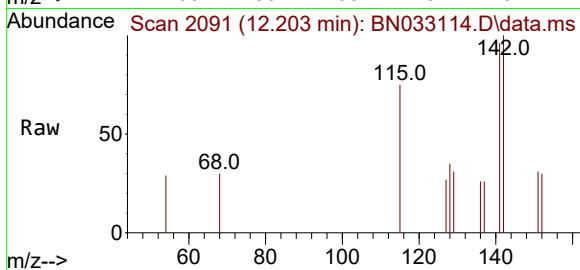
F7E38DL

Tgt Ion:142 Resp: 391

Ion Ratio Lower Upper

142 100

141 92.8 74.3 111.5



#10

Acenaphthylene

Concen: 0.076 ng/ul

RT: 13.870 min Scan# 2410

Delta R.T. -0.028 min

Lab File: BN033114.D

Acq: 30 Jul 2024 19:53

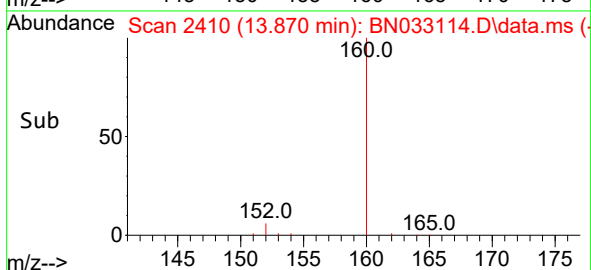
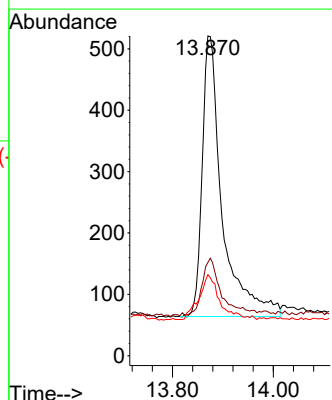
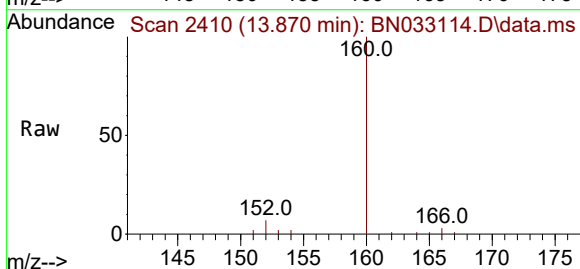
Tgt Ion:152 Resp: 1260

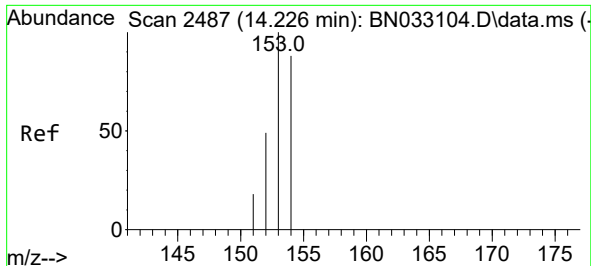
Ion Ratio Lower Upper

152 100

151 29.2 16.8 25.2#

153 25.3 11.9 17.9#

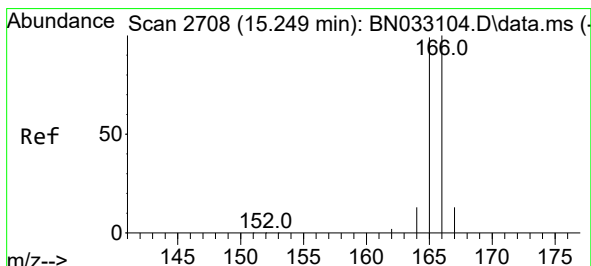
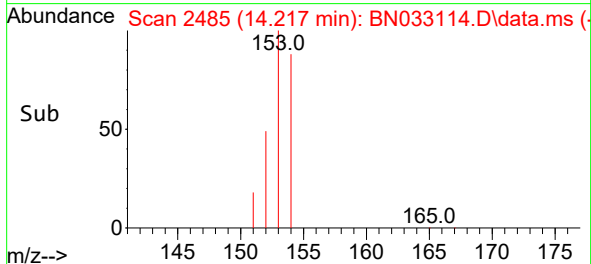
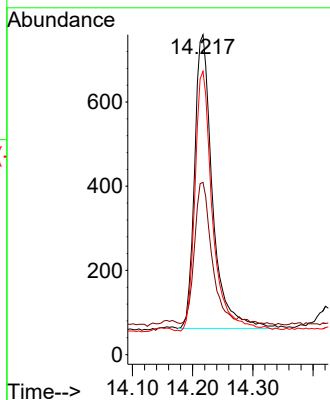
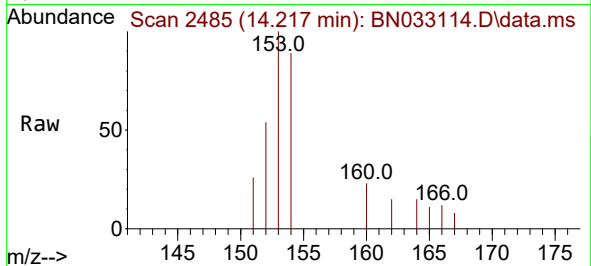




#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

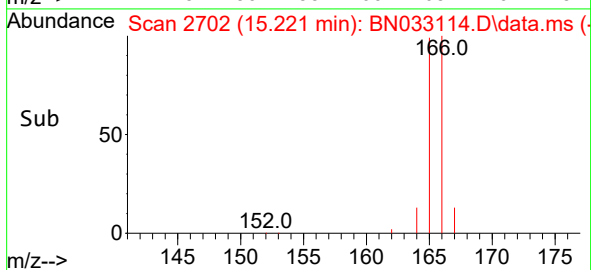
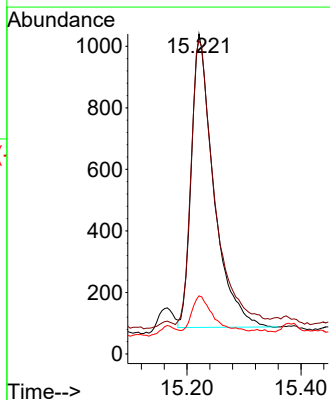
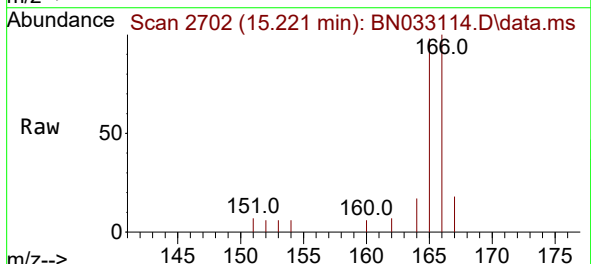
Instrument :
BNA_N
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F7E38DL

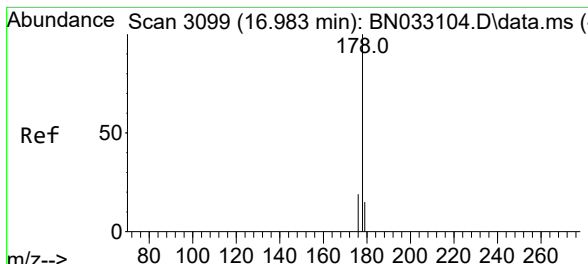
Tgt Ion:153 Resp: 1445
Ion Ratio Lower Upper
153 100
152 53.8 40.0 60.0
154 88.6 70.1 105.1



#12
Fluorene
Concen: 0.179 ng/ul
RT: 15.221 min Scan# 2702
Delta R.T. -0.028 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

Tgt Ion:166 Resp: 2586
Ion Ratio Lower Upper
166 100
165 97.9 79.6 119.4
167 18.2 12.2 18.4

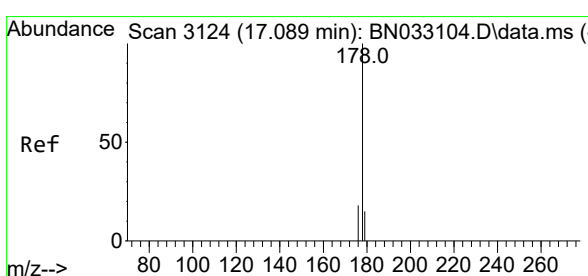
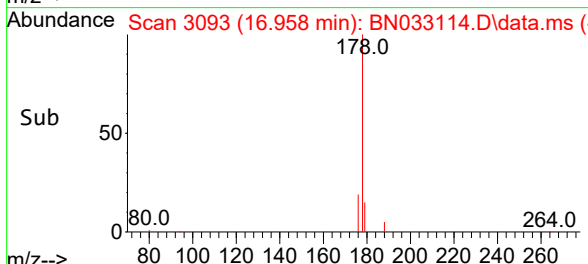
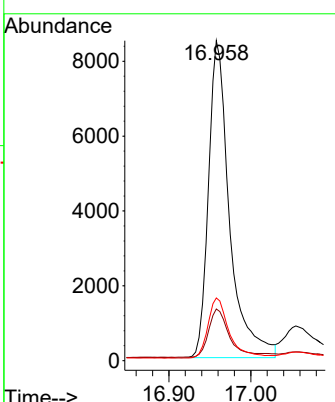
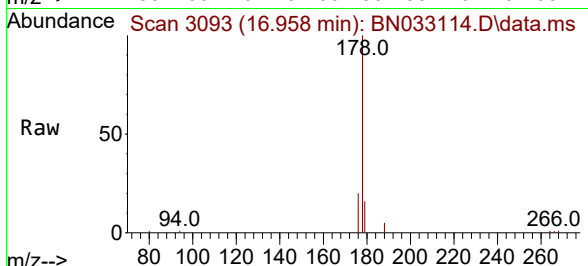




#15
 Phenanthrene
 Concen: 0.643 ng/ul
 RT: 16.958 min Scan# 3093
 Delta R.T. -0.025 min
 Lab File: BN033114.D
 Acq: 30 Jul 2024 19:53

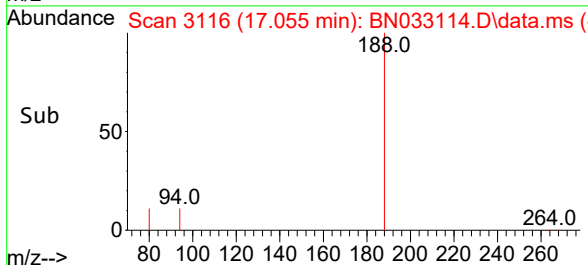
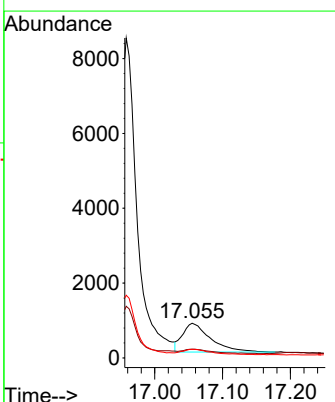
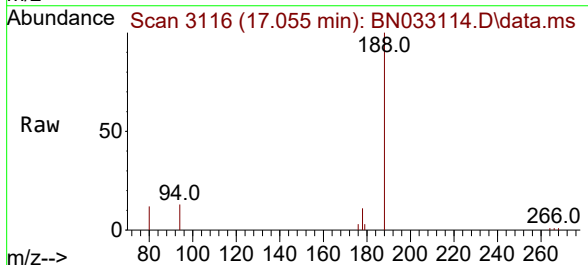
Instrument :
 BNA_N
 ClientSampleId :
 F7E38DL

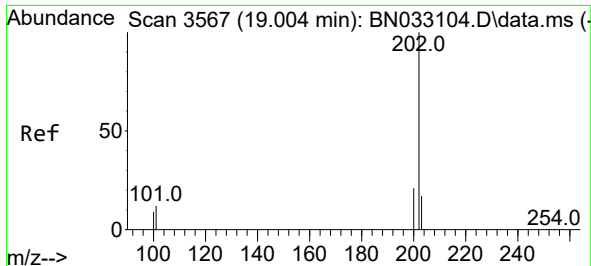
Tgt Ion:	178	Resp:	15161
Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.7	20.5
176	19.6	15.9	23.9



#16
 Anthracene
 Concen: 0.105 ng/ul
 RT: 17.055 min Scan# 3116
 Delta R.T. -0.034 min
 Lab File: BN033114.D
 Acq: 30 Jul 2024 19:53

Tgt Ion:	178	Resp:	2225
Ion	Ratio	Lower	Upper
178	100		
179	25.1	14.3	21.5#
176	24.9	15.8	23.8#

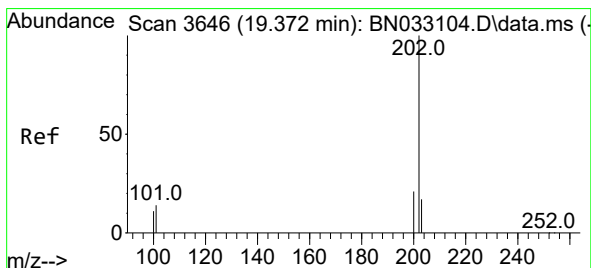
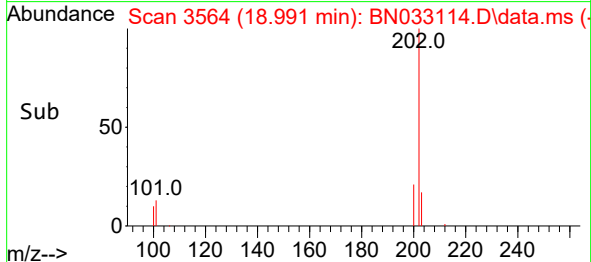
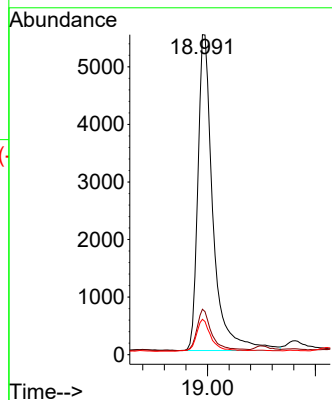
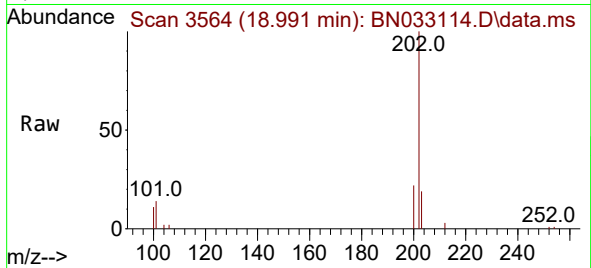




#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 18.991 min Scan# 3564
Delta R.T. -0.014 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

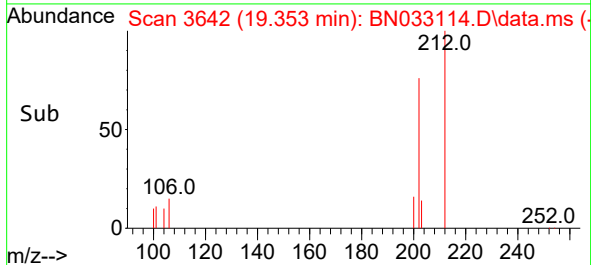
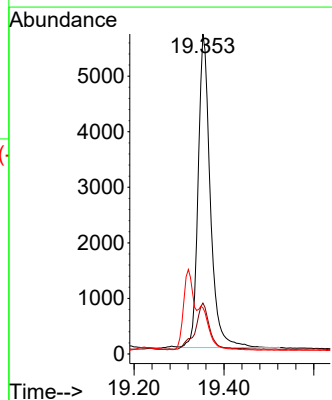
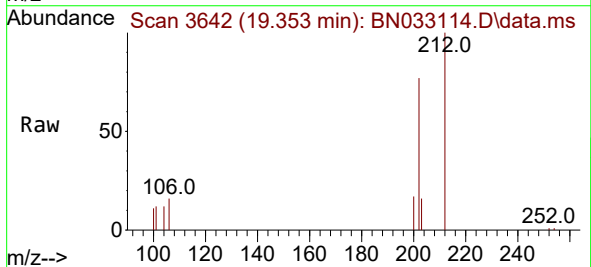
Instrument :
BNA_N
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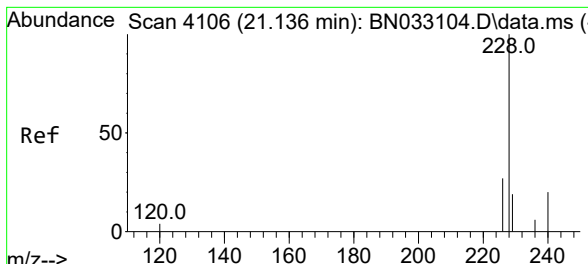
Tgt Ion:202 Resp: 10705
Ion Ratio Lower Upper
202 100
101 14.2 10.7 16.1
100 11.0 8.3 12.5



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.353 min Scan# 3642
Delta R.T. -0.018 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

Tgt Ion:202 Resp: 10595
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 14.4 9.9 14.9

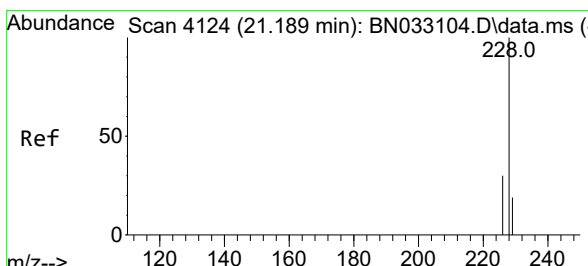
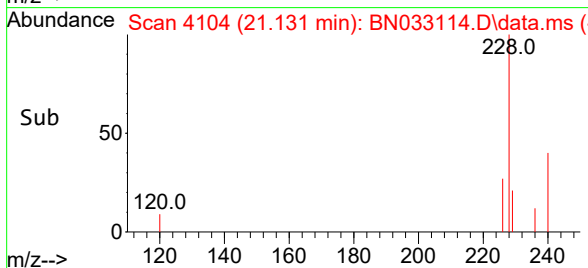
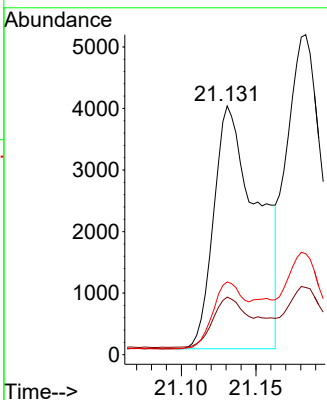
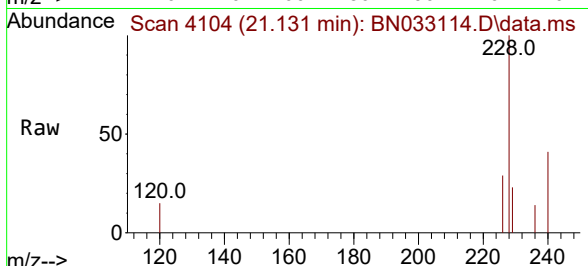




#21
Benzo(a)anthracene
Concen: 0.277 ng/ul
RT: 21.131 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

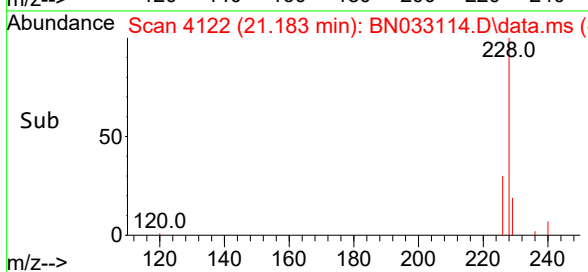
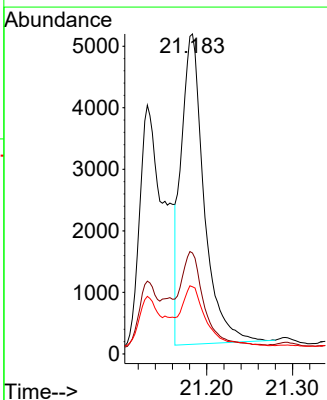
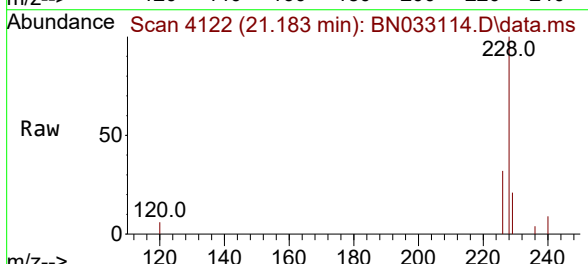
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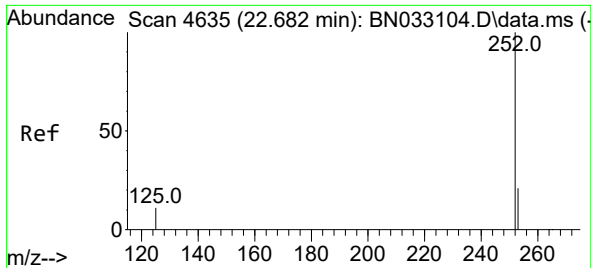
Tgt Ion:	228	Resp:	7991
Ion	Ratio	Lower	Upper
228	100		
229	23.1	17.1	25.7
226	29.3	22.4	33.6



#22
Chrysene
Concen: 0.274 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

Tgt Ion:	228	Resp:	9247
Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	21.0	17.0	25.6

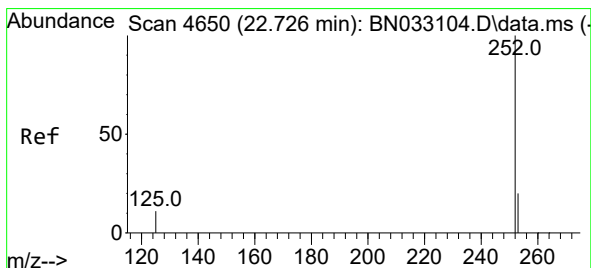
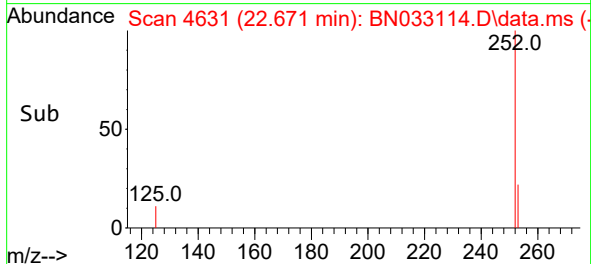
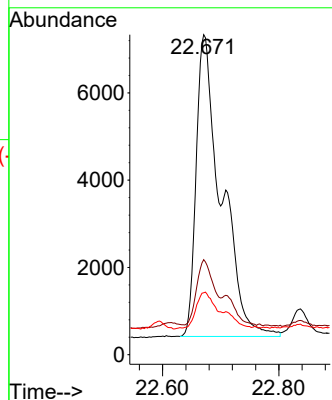
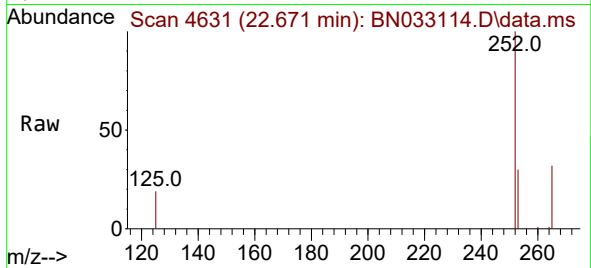




#24
Benzo(b)fluoranthene
Concen: 0.673 ng/ul
RT: 22.671 min Scan# 4631
Delta R.T. -0.012 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

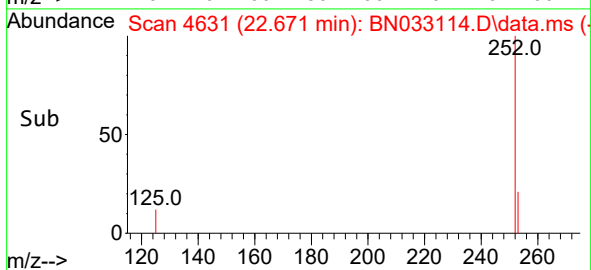
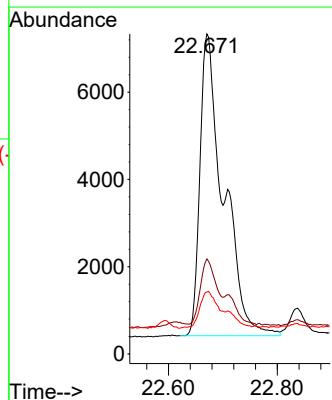
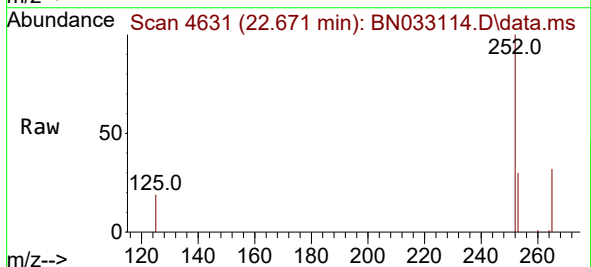
Instrument :
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ClientSampleId :
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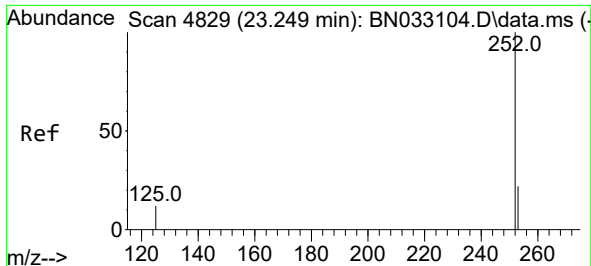
Tgt Ion:252 Resp: 20701
Ion Ratio Lower Upper
252 100
253 29.7 0.0 60.6
125 19.4 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.563 ng/ul
RT: 22.671 min Scan# 4631
Delta R.T. -0.055 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

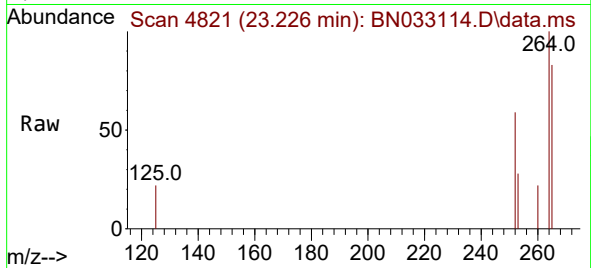
Tgt Ion:252 Resp: 20731
Ion Ratio Lower Upper
252 100
253 29.7 24.9 37.3
125 19.4 20.9 31.3#



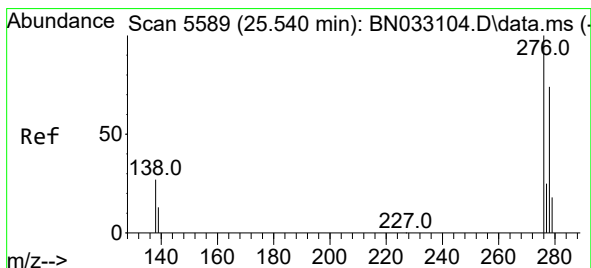
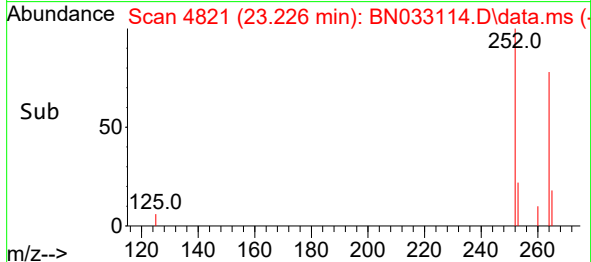
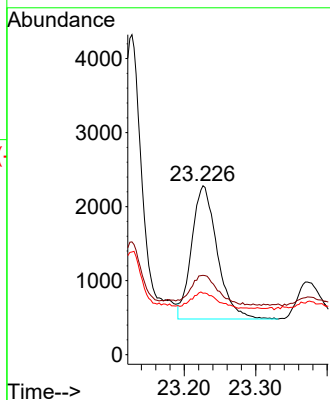


#26
Benzo(a)pyrene
Concen: 0.155 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.023 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

Instrument :
BNA_N
ClientSampleId :
F7E38DL

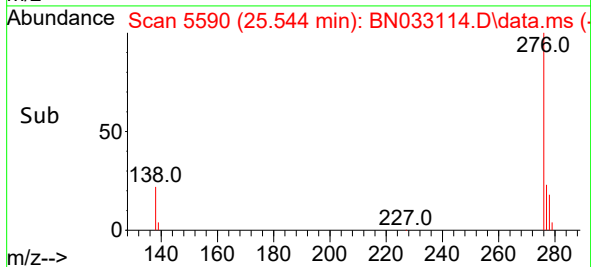
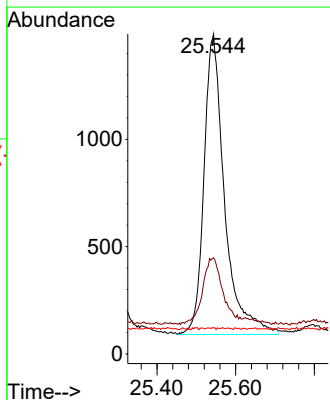
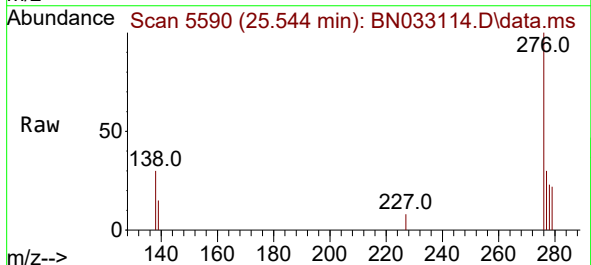


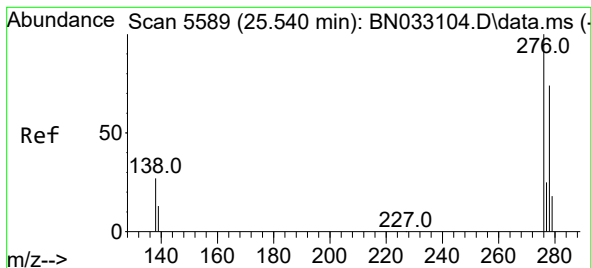
Tgt Ion:252 Resp: 4478
Ion Ratio Lower Upper
252 100
253 47.0 27.5 41.3#
125 36.4 27.0 40.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 25.544 min Scan# 5590
Delta R.T. 0.004 min
Lab File: BN033114.D
Acq: 30 Jul 2024 19:53

Tgt Ion:276 Resp: 5074
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.036 ng/ul

RT: 25.534 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN033114.D

Acq: 30 Jul 2024 19:53

Instrument :

BNA_N

ClientSampleId :

F7E38DL

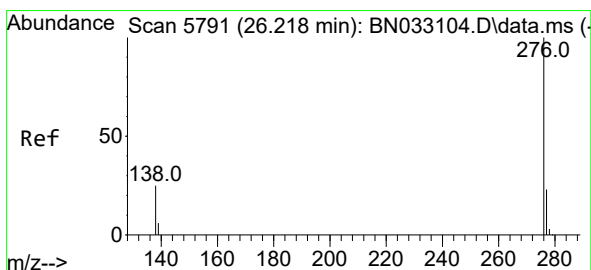
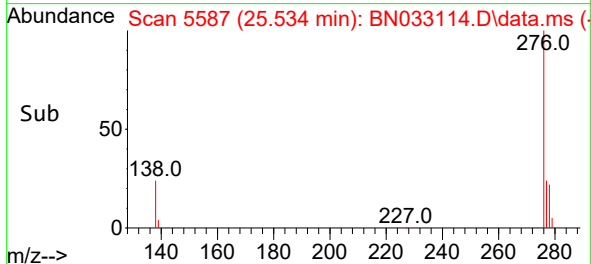
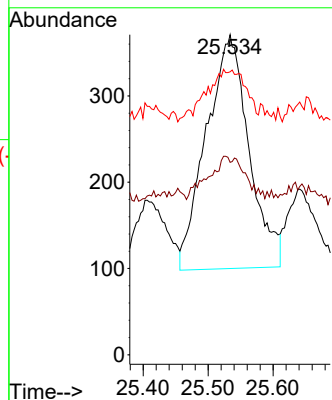
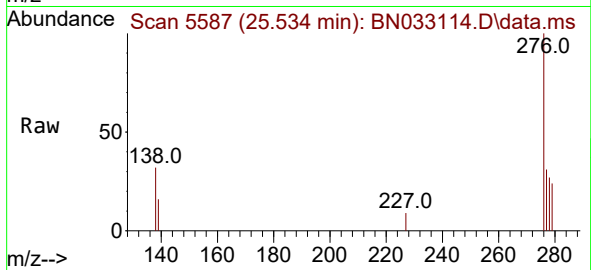
Tgt Ion:278 Resp: 1239

Ion Ratio Lower Upper

278 100

139 60.1 22.5 33.7#

279 88.4 25.5 38.3#



#29

Benzo(g,h,i)perylene

Concen: 0.134 ng/ul

RT: 26.218 min Scan# 5791

Delta R.T. 0.000 min

Lab File: BN033114.D

Acq: 30 Jul 2024 19:53

Tgt Ion:276 Resp: 4687

Ion Ratio Lower Upper

276 100

138 33.8 24.6 37.0

277 30.5 22.6 34.0

