

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026601.D
 Acq On : 20 Jul 2023 20:47
 Operator : MA/JU
 Sample : 03452-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 21:49:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 16:21:17 2023
 Response via : Initial Calibration

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

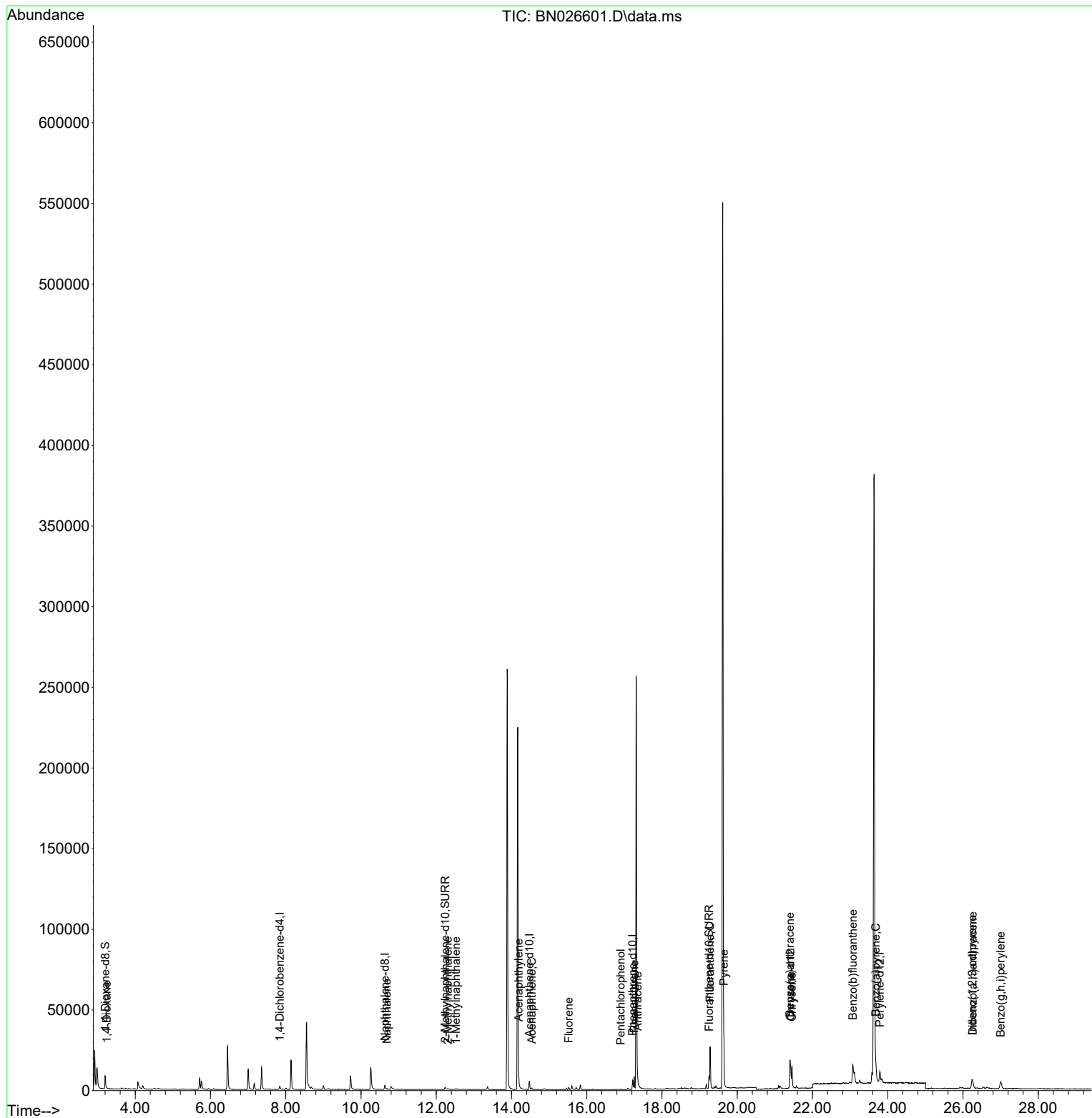
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	1339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	4442	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.476	164	3076	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	7615	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	9156	0.400	ng/ul	# 0.00
23) Perylene-d12	23.790	264	10063	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	5819	3.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	2542	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	9955	0.314	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.241	88	122	0.073	ng/ul#	23
5) Naphthalene	10.685	128	888	0.073	ng/ul#	78
7) 2-Methylnaphthalene	12.308	142	440	0.064	ng/ul	99
8) 1-Methylnaphthalene	12.522	142	428	0.058	ng/ul	98
10) Acenaphthylene	14.189	152	2160	0.143	ng/ul#	94
11) Acenaphthene	14.536	153	608	0.053	ng/ul	96
12) Fluorene	15.522	166	951	0.079	ng/ul#	97
14) Pentachlorophenol	16.898	266	141	0.073	ng/ul	88
15) Phenanthrene	17.262	178	7835	0.323	ng/ul	100
16) Anthracene	17.350	178	2944	0.140	ng/ul	95
19) Fluoranthene	19.278	202	24007	0.559	ng/ul#	94
20) Pyrene	19.641	202	27798	0.596	ng/ul#	95
21) Benzo(a)anthracene	21.399	228	15615	0.464	ng/ul	97
22) Chrysene	21.452	228	13742	0.359	ng/ul	95
24) Benzo(b)fluoranthene	23.071	252	30197	0.770	ng/ul	92
26) Benzo(a)pyrene	23.682	252	12689	0.364	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.248	276	10931	0.239	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.254	278	3520	0.100	ng/ul#	76
29) Benzo(g,h,i)perylene	27.002	276	10064	0.249	ng/ul#	93

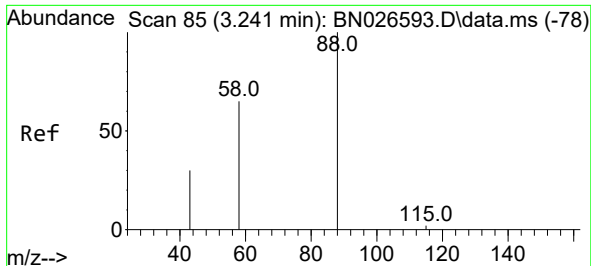
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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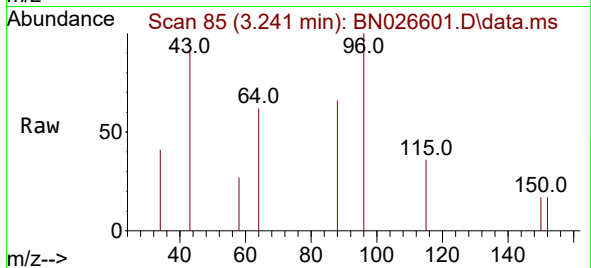
Quant Time: Jul 20 21:49:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 16:21:17 2023
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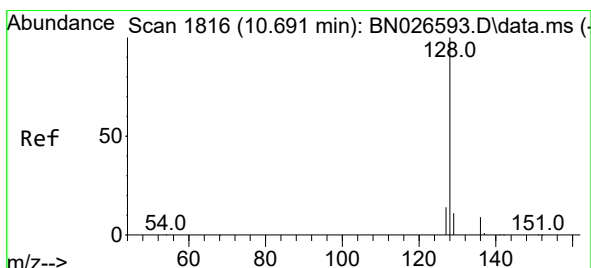
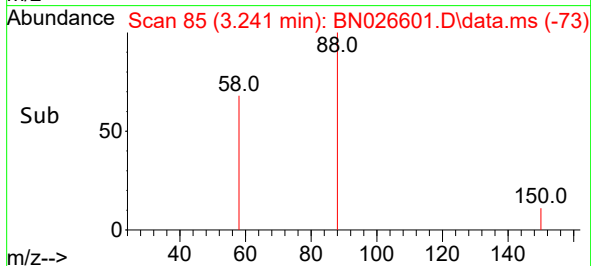
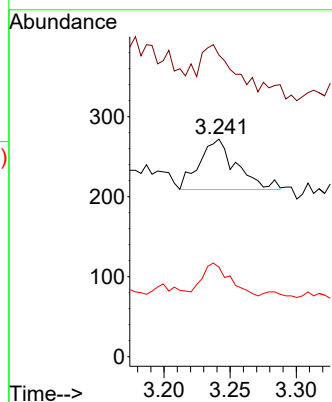
#2
1,4-Dioxane
Concen: 0.073 ng/ul
RT: 3.241 min Scan# 85
Delta R.T. 0.000 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

Instrument :
BNA_N
ClientSampleId :



Tgt Ion: 88 Resp: 122

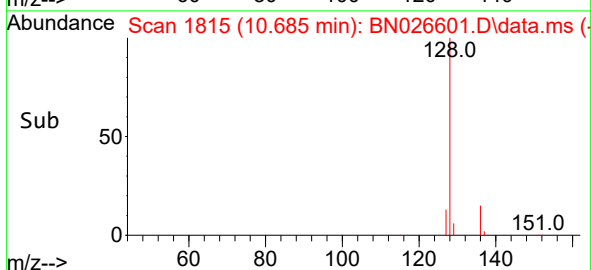
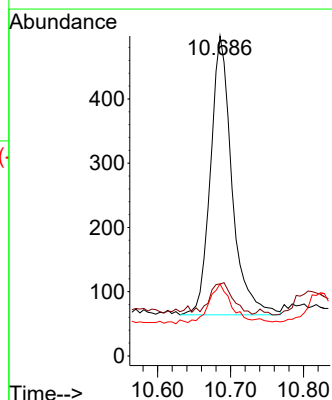
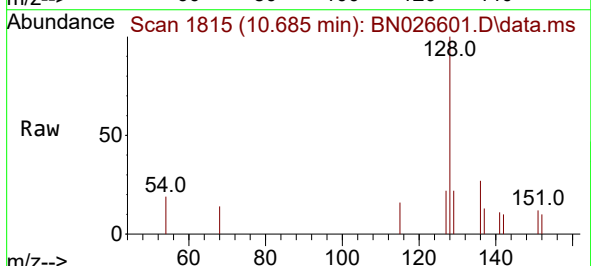
Ion	Ratio	Lower	Upper
88	100		
43	138.6	33.0	49.6#
58	41.2	41.7	62.5#

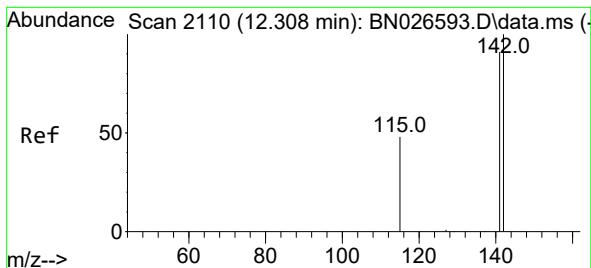


#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

Tgt Ion: 128 Resp: 888

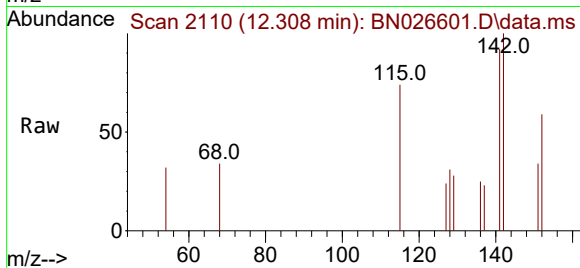
Ion	Ratio	Lower	Upper
128	100		
129	22.5	10.2	15.2#
127	22.5	11.4	17.0#



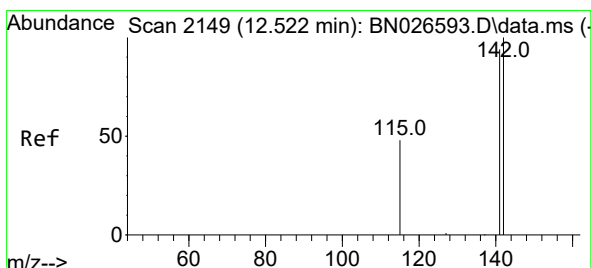
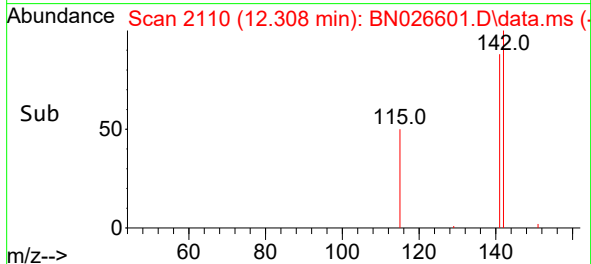
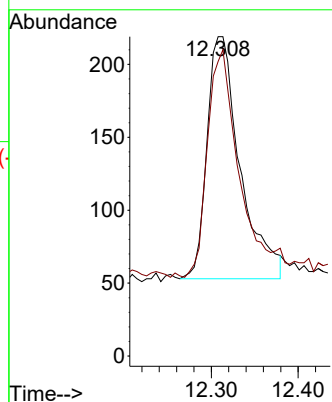


#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

Instrument :
BNA_N
ClientSampleId :

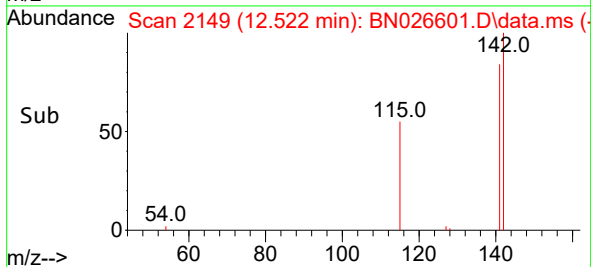
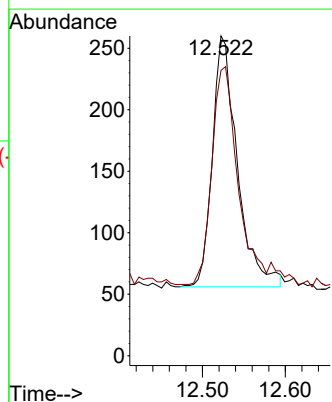
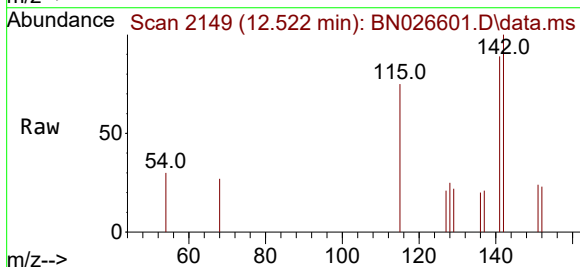


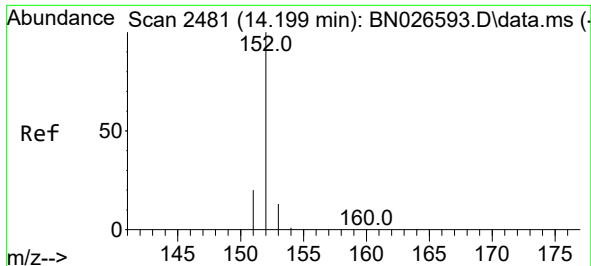
Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

Tgt Ion:142 Resp: 428
Ion Ratio Lower Upper
142 100
141 91.6 74.5 111.7

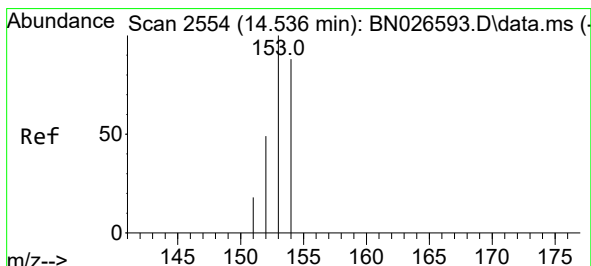
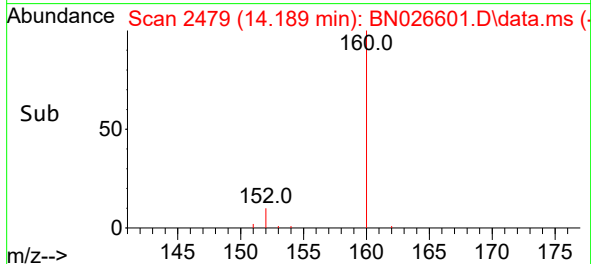
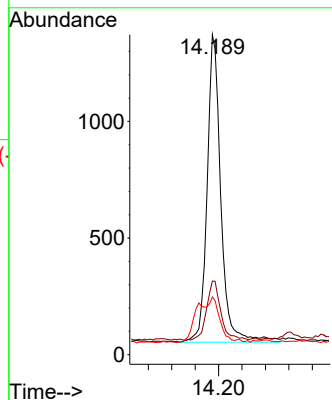
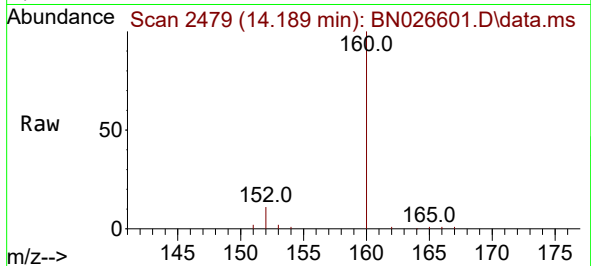




#10
Acenaphthylene
Concen: 0.143 ng/ul
RT: 14.189 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

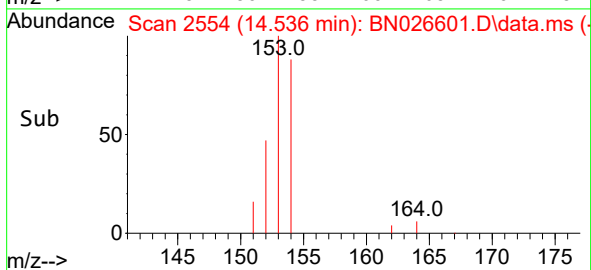
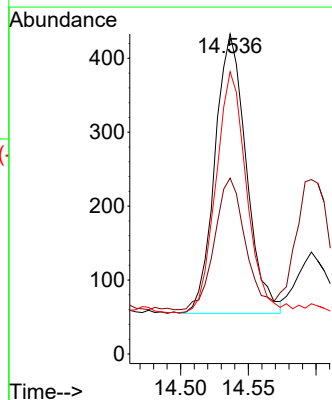
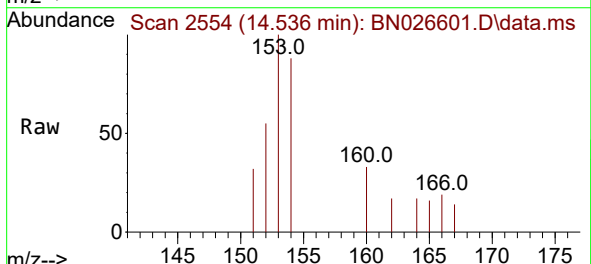
Instrument :
BNA_N
ClientSampleId :

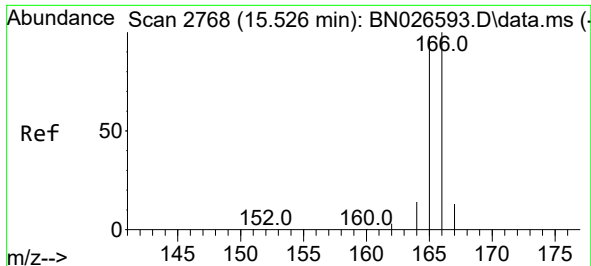
Tgt Ion:152 Resp: 2160
Ion Ratio Lower Upper
152 100
151 23.0 17.0 25.6
153 18.1 11.4 17.2#



#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

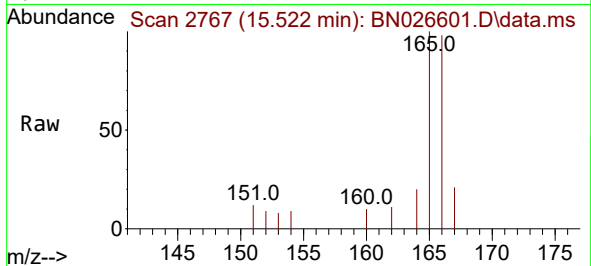
Tgt Ion:153 Resp: 608
Ion Ratio Lower Upper
153 100
152 55.0 40.2 60.4
154 88.2 69.3 103.9



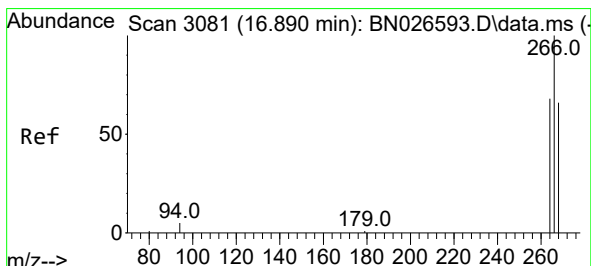
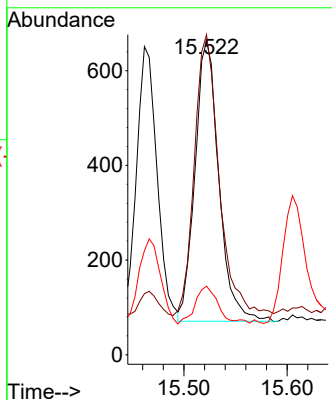


#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.522 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

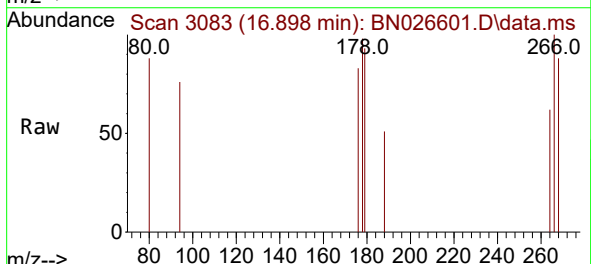
Instrument :
BNA_N
ClientSampleId :



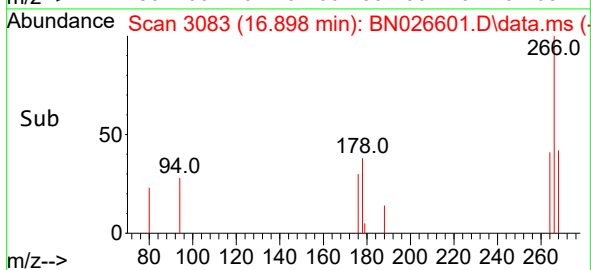
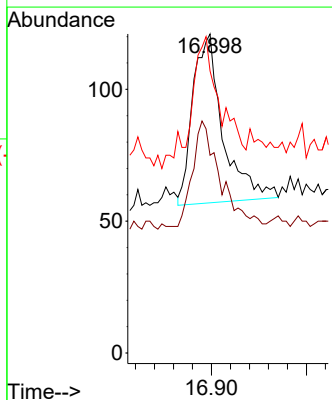
Tgt Ion:166 Resp: 951
Ion Ratio Lower Upper
166 100
165 102.0 80.6 120.8
167 21.9 12.0 18.0#

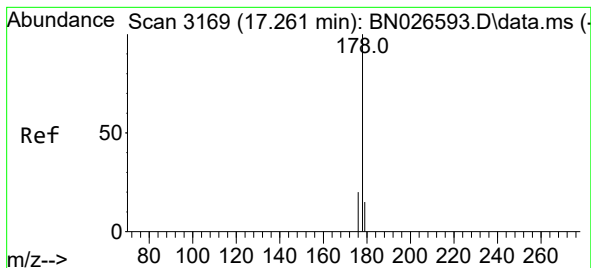


#14
Pentachlorophenol
Concen: 0.073 ng/ul
RT: 16.898 min Scan# 3083
Delta R.T. 0.009 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47



Tgt Ion:266 Resp: 141
Ion Ratio Lower Upper
266 100
264 56.7 52.0 78.0
268 77.3 53.0 79.6





#15

Phenanthrene

Concen: 0.323 ng/ul

RT: 17.262 min Scan# 3169

Delta R.T. 0.000 min

Lab File: BN026601.D

Acq: 20 Jul 2023 20:47

Instrument :

BNA_N

ClientSampleId :

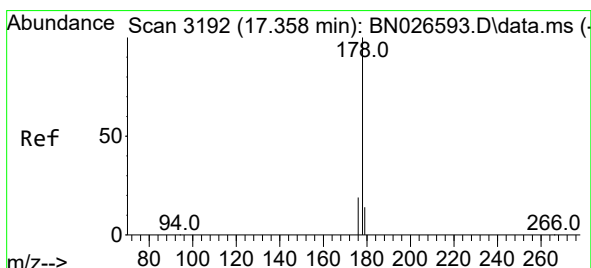
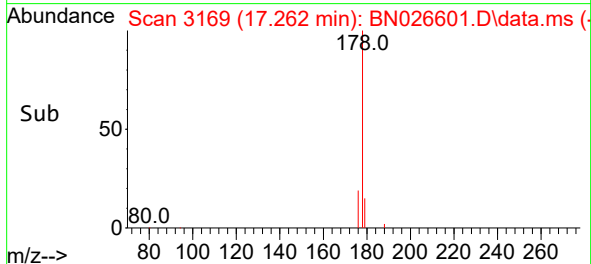
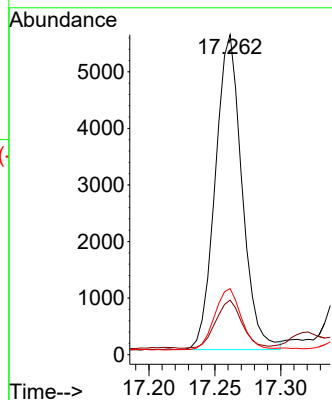
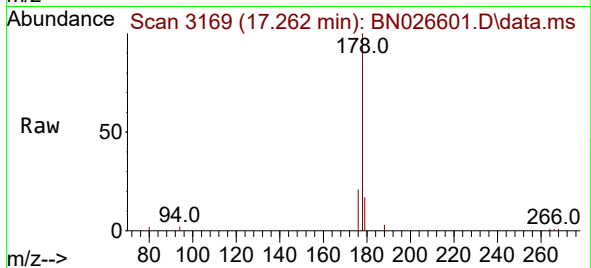
Tgt Ion:178 Resp: 7835

Ion Ratio Lower Upper

178 100

179 17.0 13.7 20.5

176 20.7 16.5 24.7



#16

Anthracene

Concen: 0.140 ng/ul

RT: 17.350 min Scan# 3190

Delta R.T. -0.008 min

Lab File: BN026601.D

Acq: 20 Jul 2023 20:47

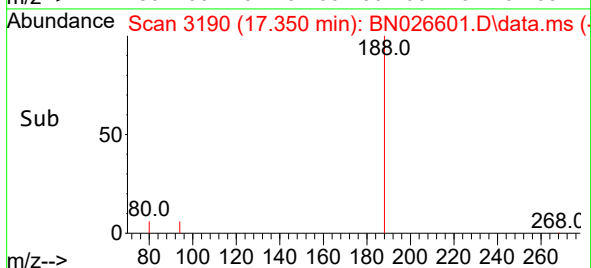
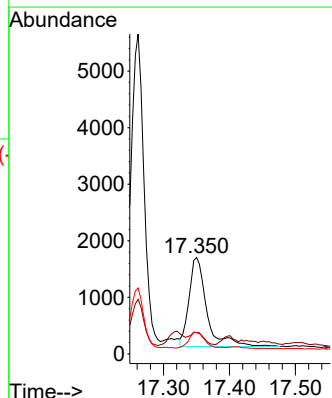
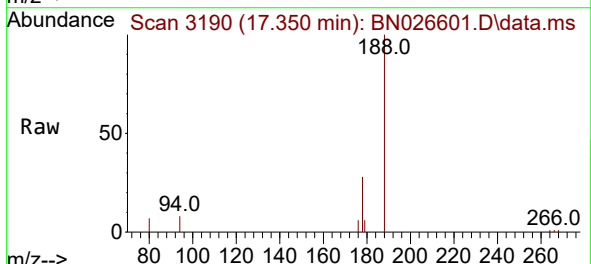
Tgt Ion:178 Resp: 2944

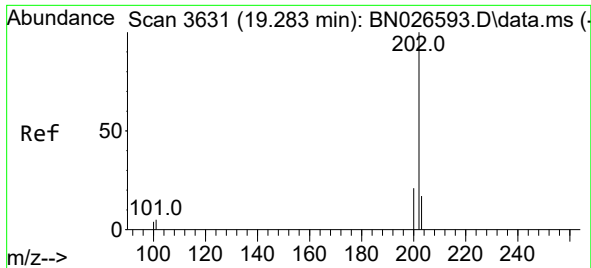
Ion Ratio Lower Upper

178 100

179 21.9 14.8 22.2

176 22.2 16.6 25.0

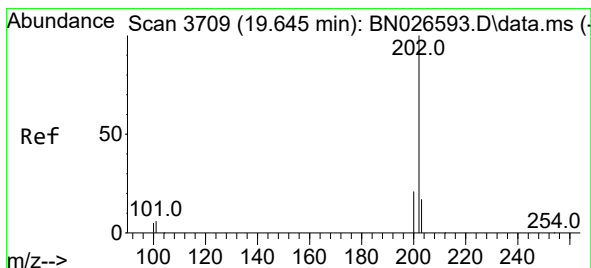
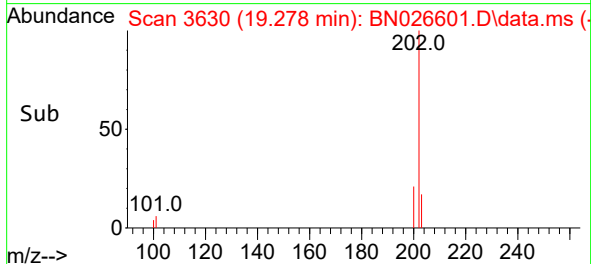
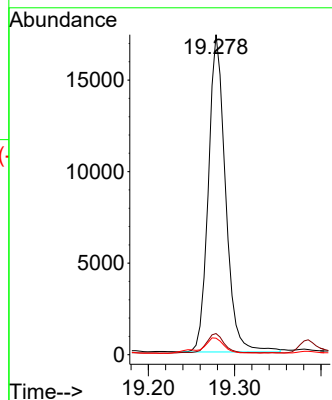
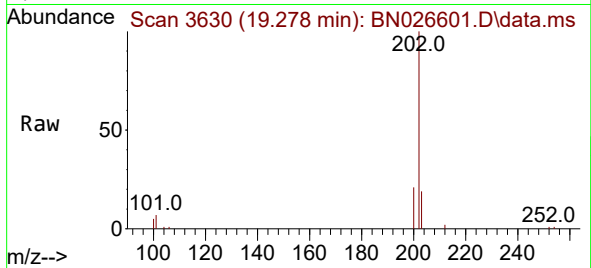




#19
Fluoranthene
Concen: 0.559 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.004 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

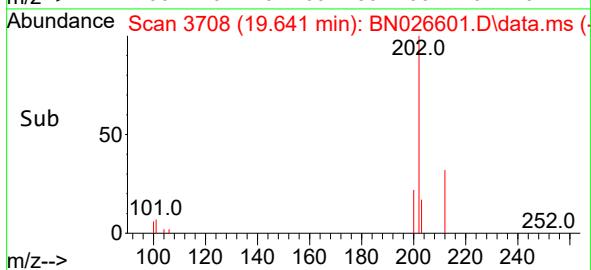
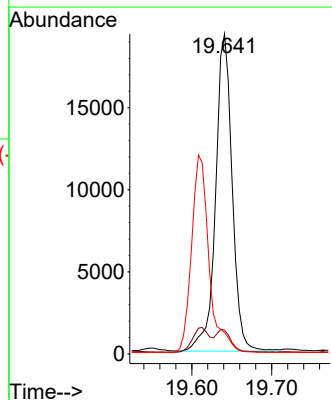
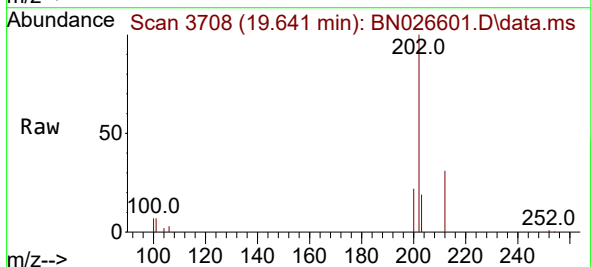
Instrument :
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ClientSampleId :

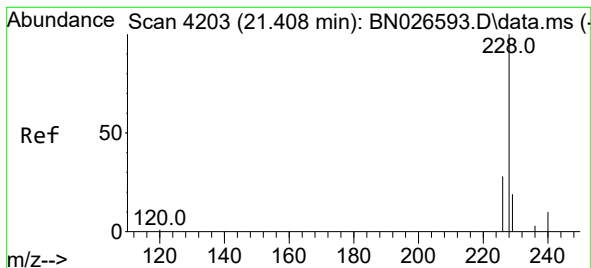
Tgt Ion:202 Resp: 24007
Ion Ratio Lower Upper
202 100
101 6.6 7.0 10.4#
100 5.1 6.0 9.0#



#20
Pyrene
Concen: 0.596 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.004 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

Tgt Ion:202 Resp: 27798
Ion Ratio Lower Upper
202 100
101 7.4 8.0 12.0#
100 6.8 6.2 9.2





#21

Benzo(a)anthracene

Concen: 0.464 ng/ul

RT: 21.399 min Scan# 4218

Delta R.T. -0.009 min

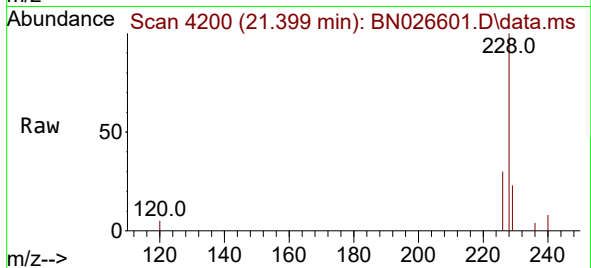
Lab File: BN026601.D

Acq: 20 Jul 2023 20:47

Instrument :

BNA_N

ClientSampleId :



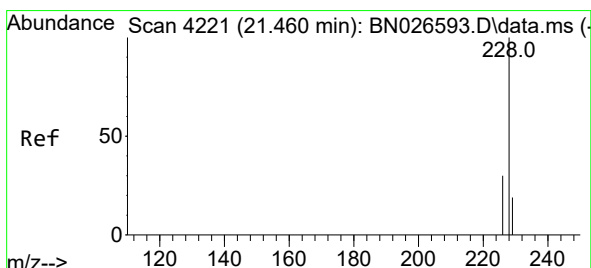
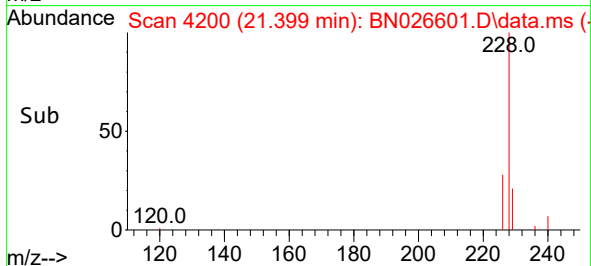
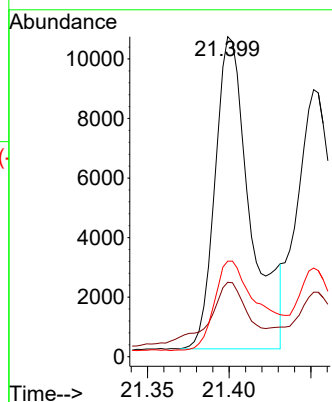
Tgt Ion:228 Resp: 15615

Ion Ratio Lower Upper

228 100

229 23.3 16.7 25.1

226 29.9 23.5 35.3



#22

Chrysene

Concen: 0.359 ng/ul

RT: 21.452 min Scan# 4218

Delta R.T. -0.009 min

Lab File: BN026601.D

Acq: 20 Jul 2023 20:47

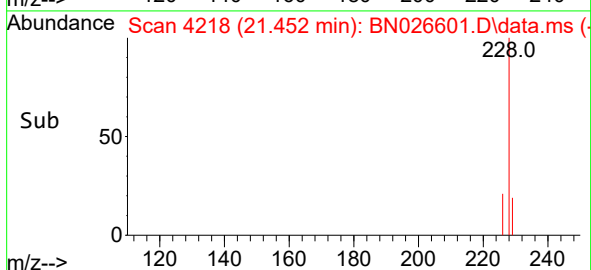
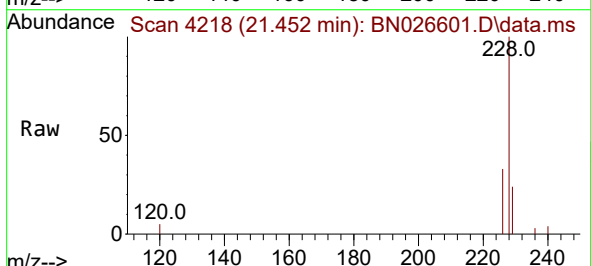
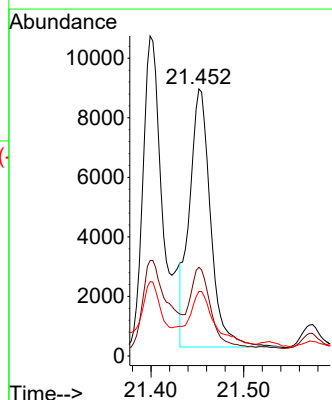
Tgt Ion:228 Resp: 13742

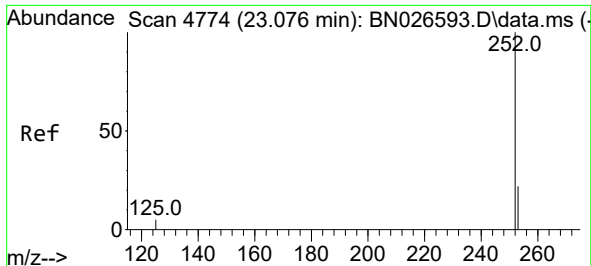
Ion Ratio Lower Upper

228 100

226 33.2 25.2 37.8

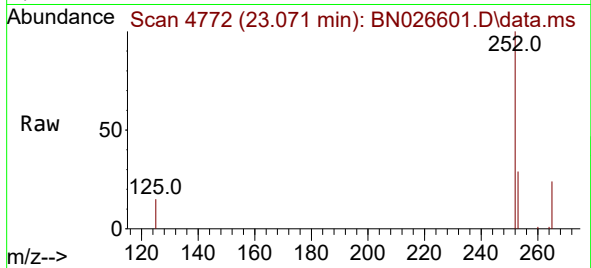
229 24.1 16.4 24.6



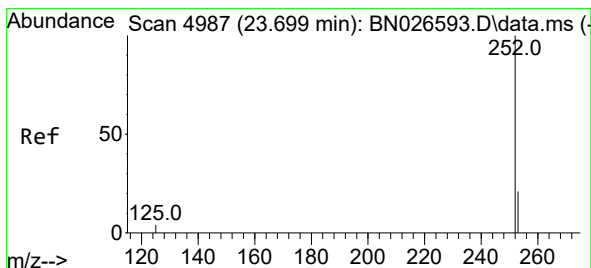
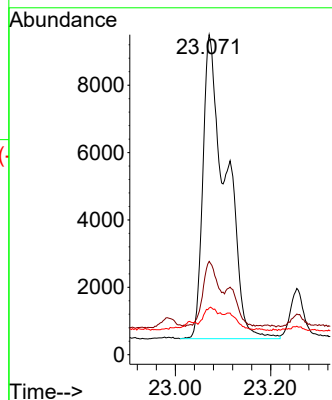


#24
Benzo(b)fluoranthene
Concen: 0.770 ng/ul
RT: 23.071 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

Instrument :
BNA_N
ClientSampleId :

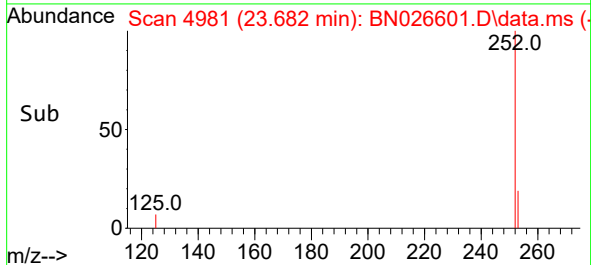
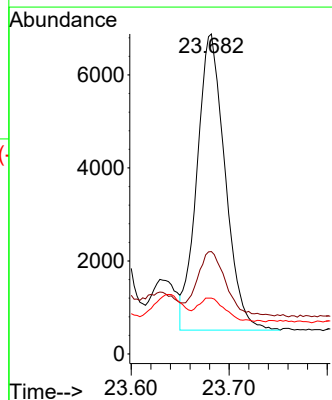
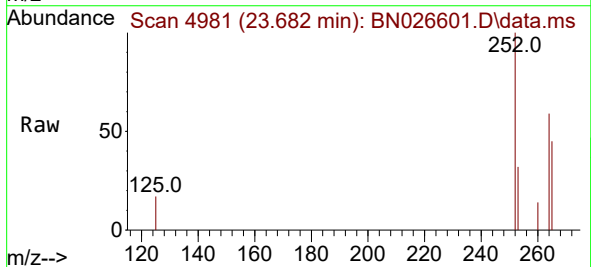


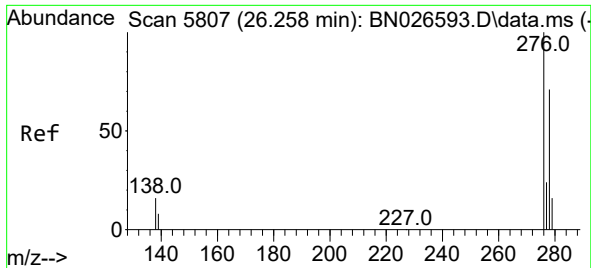
Tgt Ion:252 Resp: 30197
Ion Ratio Lower Upper
252 100
253 29.1 0.0 68.6
125 14.6 0.0 34.0



#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.017 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

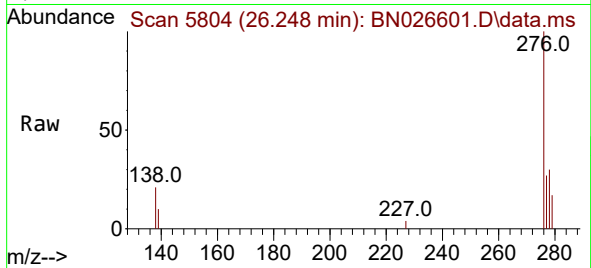
Tgt Ion:252 Resp: 12689
Ion Ratio Lower Upper
252 100
253 32.0 32.6 49.0#
125 17.4 19.3 28.9#



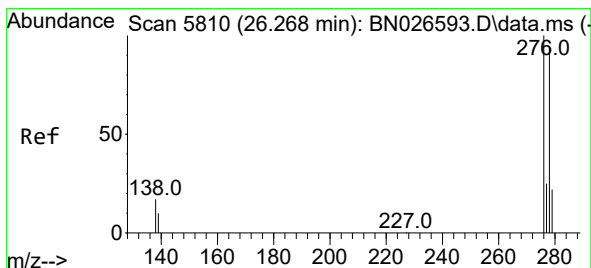
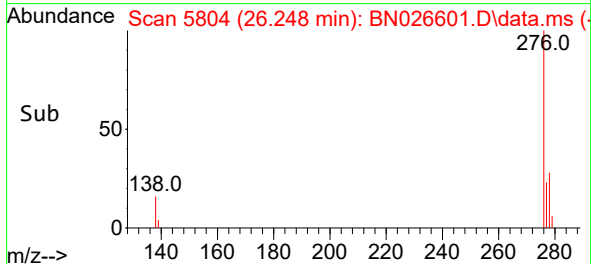
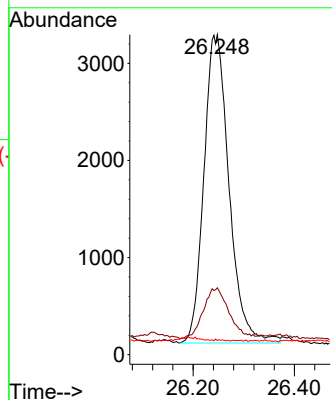


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.239 ng/ul
 RT: 26.248 min Scan# 5804
 Delta R.T. -0.010 min
 Lab File: BN026601.D
 Acq: 20 Jul 2023 20:47

Instrument :
 BNA_N
 ClientSampleId :

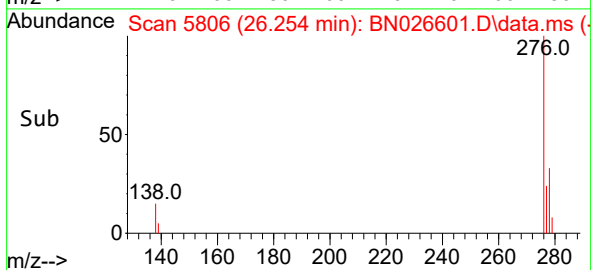
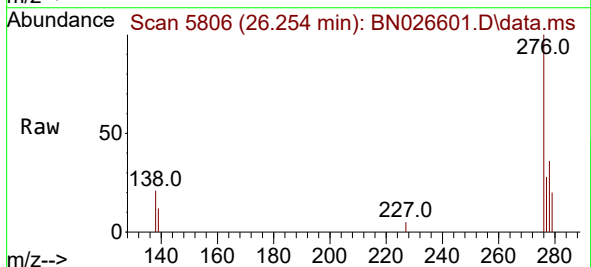
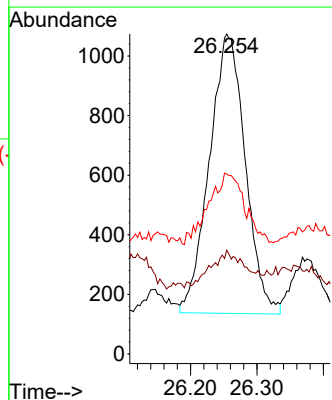


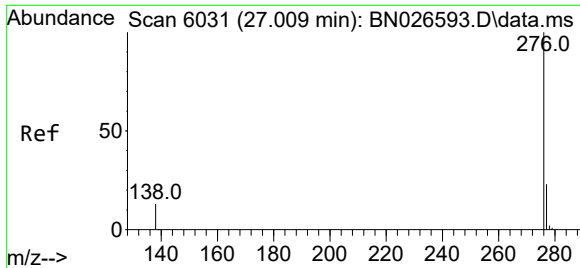
Tgt Ion:276 Resp: 10931
 Ion Ratio Lower Upper
 276 100
 138 17.0 22.2 33.4#
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.100 ng/ul
 RT: 26.254 min Scan# 5806
 Delta R.T. -0.013 min
 Lab File: BN026601.D
 Acq: 20 Jul 2023 20:47

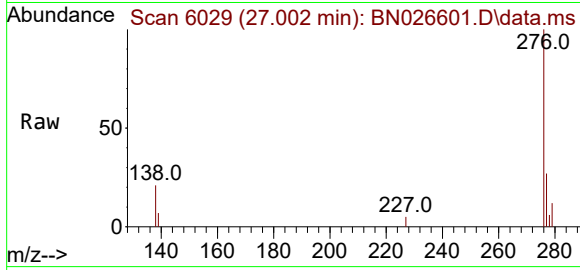
Tgt Ion:278 Resp: 3520
 Ion Ratio Lower Upper
 278 100
 139 32.4 18.9 28.3#
 279 56.2 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.249 ng/ul
 RT: 27.002 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN026601.D
 Acq: 20 Jul 2023 20:47

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 10064
 Ion Ratio Lower Upper
 276 100
 138 20.9 22.6 34.0#
 277 27.0 21.8 32.8

