

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027803.D
 Acq On : 22 Sep 2023 01:33
 Operator : MA/JU
 Sample : 04330-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYX7

Quant Time: Sep 22 04:03:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

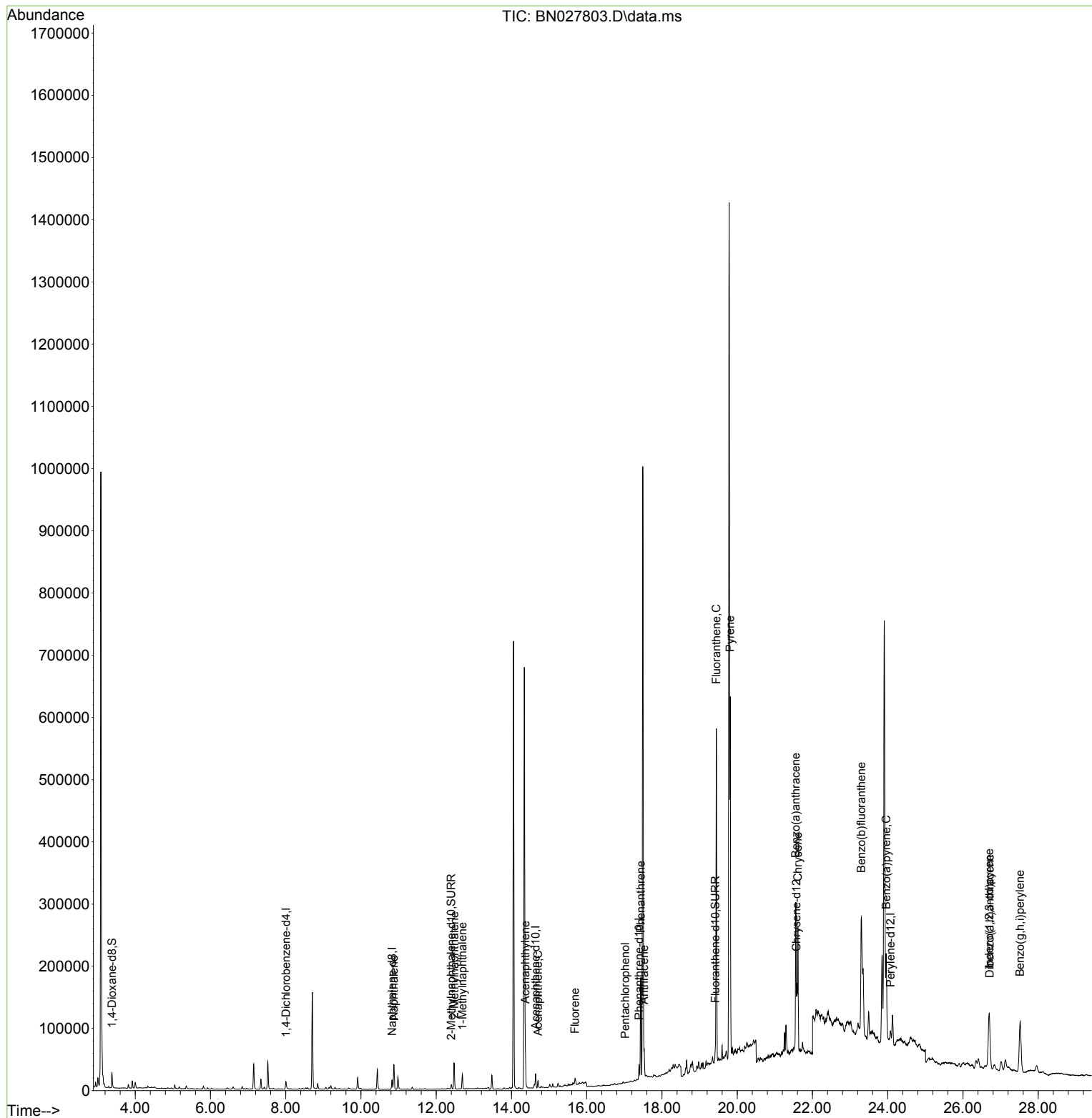
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	20309	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	12968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	28015	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.574	240	21244	0.400	ng/ul	# 0.00
23) Perylene-d12	24.073	264	19243	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	16919	2.241	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8813	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	23010	0.355	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.872	128	54263	0.935	ng/ul	100
7) 2-Methylnaphthalene	12.478	142	29907	0.812	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	15596	0.411	ng/ul	99
10) Acenaphthylene	14.370	152	61848	1.092	ng/ul	99
11) Acenaphthene	14.703	153	7559	0.154	ng/ul	95
12) Fluorene	15.688	166	7338	0.127	ng/ul#	76
14) Pentachlorophenol	17.025	266	194	0.030	ng/ul#	80
15) Phenanthrene	17.434	178	169098	1.921	ng/ul	97
16) Anthracene	17.527	178	47648	0.646	ng/ul#	87
19) Fluoranthene	19.445	202	440086	5.123	ng/ul	99
20) Pyrene	19.812	202	458869	5.185	ng/ul	100
21) Benzo(a)anthracene	21.556	228	213235	2.594	ng/ul#	90
22) Chrysene	21.612	228	176794	2.081	ng/ul#	89
24) Benzo(b)fluoranthene	23.298	252	475566	5.544	ng/ul#	61
26) Benzo(a)pyrene	23.959	252	207340	3.006	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	26.696	276	171556	1.941	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.710	278	41380	0.581	ng/ul#	1
29) Benzo(g,h,i)perylene	27.518	276	191521	2.551	ng/ul#	91

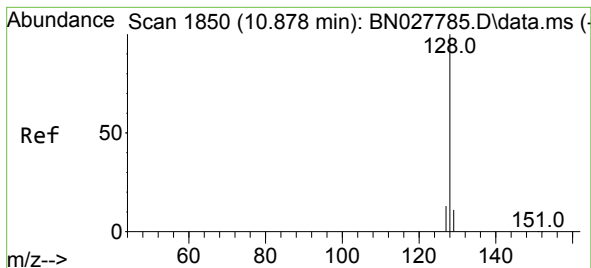
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.935 ng/ul

RT: 10.872 min Scan# 1849

Delta R.T. -0.005 min

Lab File: BN027803.D

Acq: 22 Sep 2023 01:33

Instrument :

BNA_N

ClientSampleId :

EZYX7

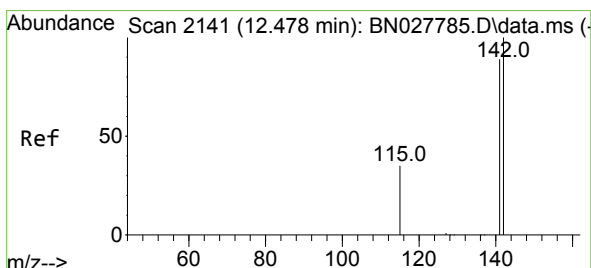
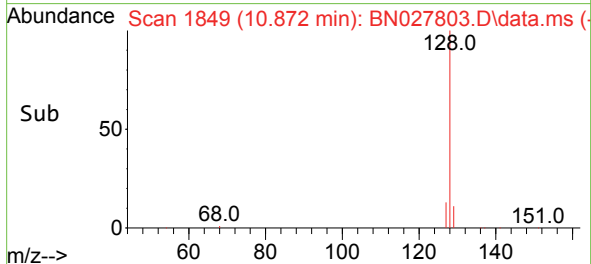
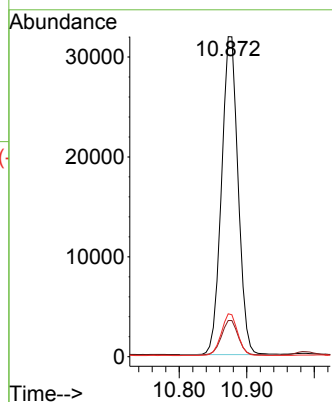
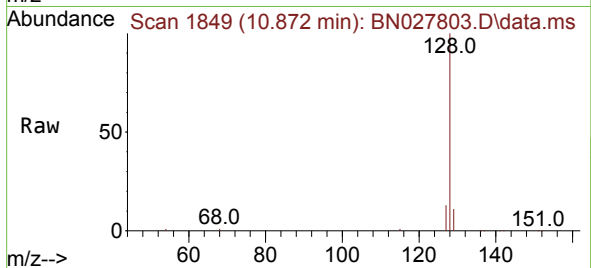
Tgt Ion:128 Resp: 54263

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 13.4 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.812 ng/ul

RT: 12.478 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BN027803.D

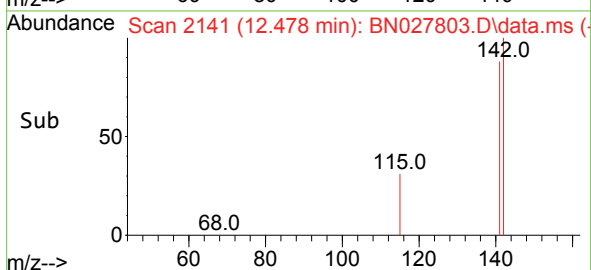
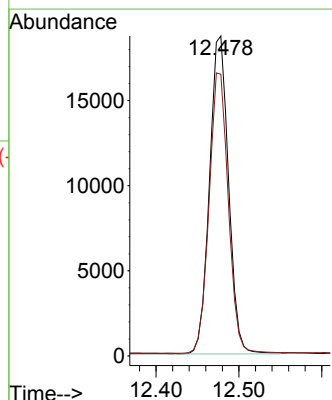
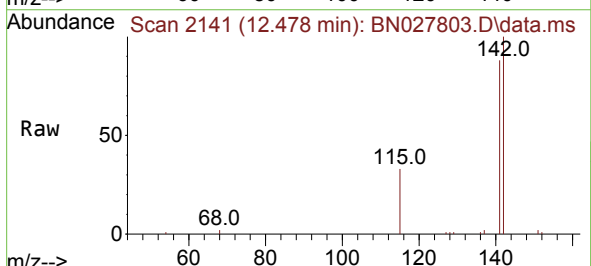
Acq: 22 Sep 2023 01:33

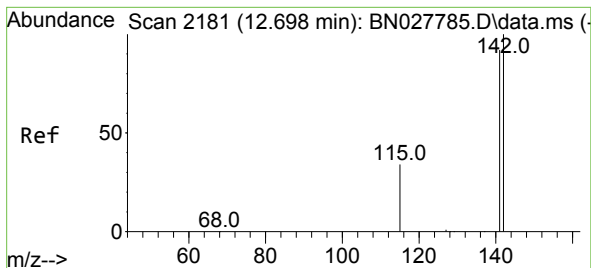
Tgt Ion:142 Resp: 29907

Ion Ratio Lower Upper

142 100

141 88.7 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.411 ng/ul

RT: 12.693 min Scan# 2181

Delta R.T. -0.005 min

Lab File: BN027803.D

Acq: 22 Sep 2023 01:33

Instrument :

BNA_N

ClientSampleId :

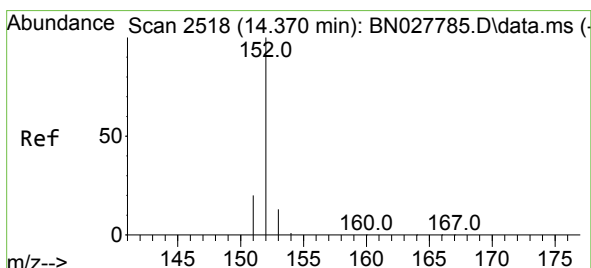
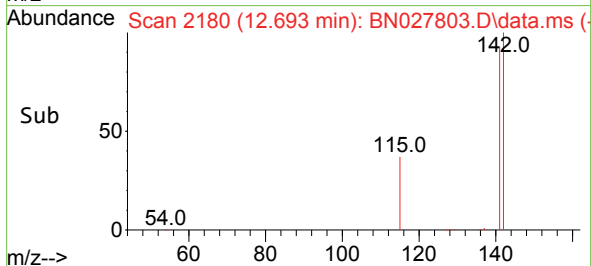
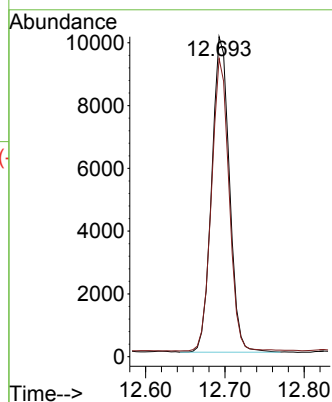
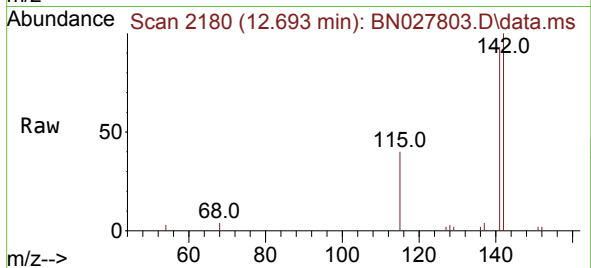
EZYX7

Tgt Ion:142 Resp: 15596

Ion Ratio Lower Upper

142 100

141 91.8 72.8 109.2



#10

Acenaphthylene

Concen: 1.092 ng/ul

RT: 14.370 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BN027803.D

Acq: 22 Sep 2023 01:33

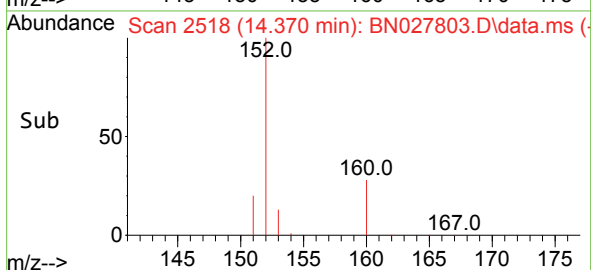
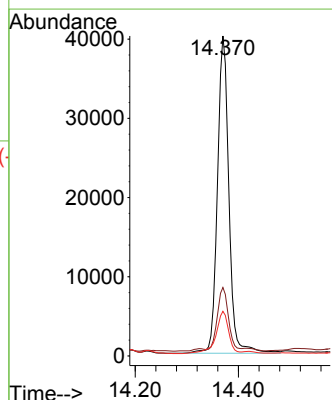
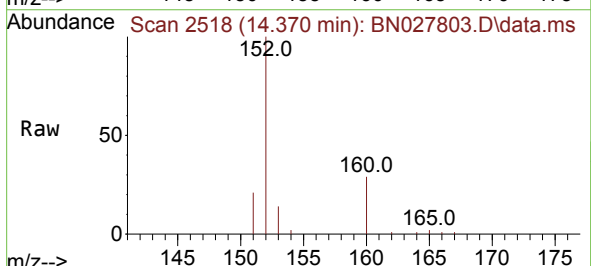
Tgt Ion:152 Resp: 61848

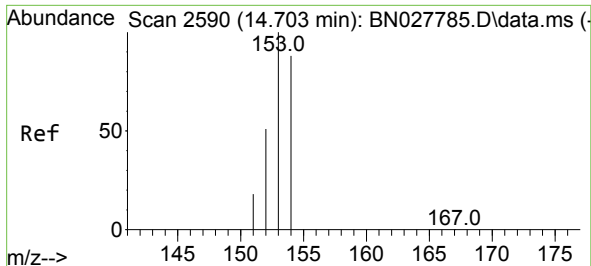
Ion Ratio Lower Upper

152 100

151 21.4 16.6 25.0

153 14.0 11.0 16.6

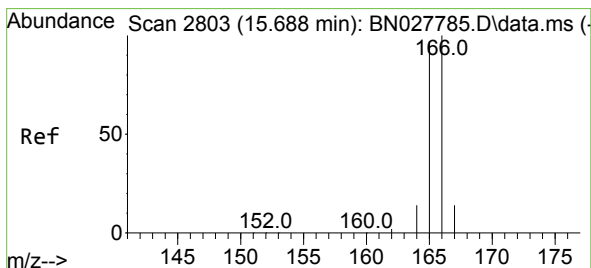
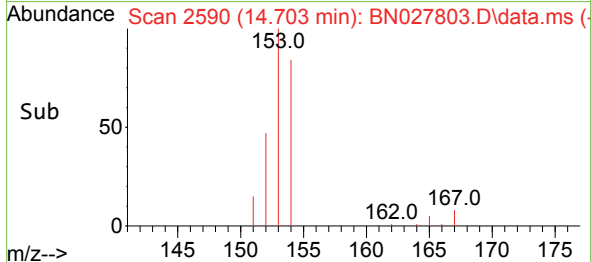
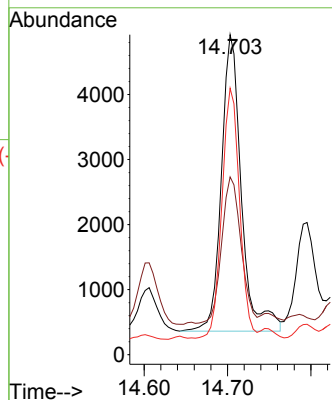
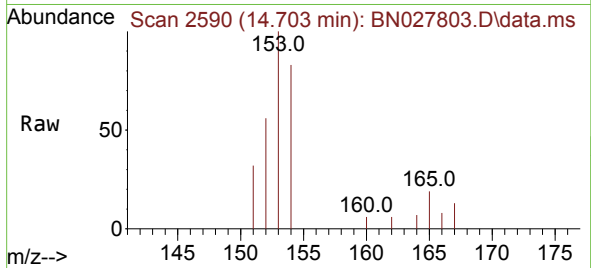




#11
Acenaphthene
Concen: 0.154 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

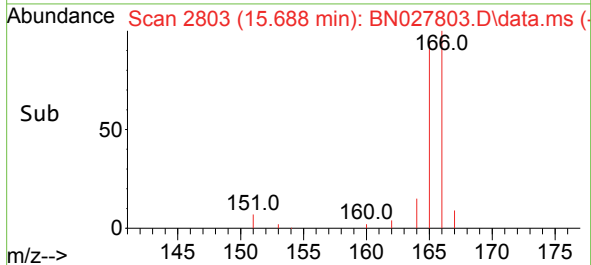
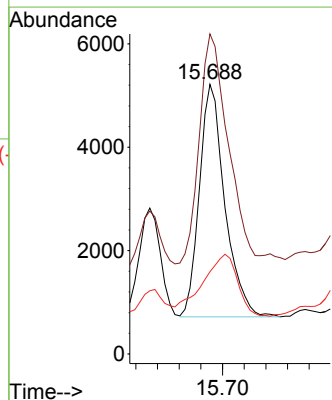
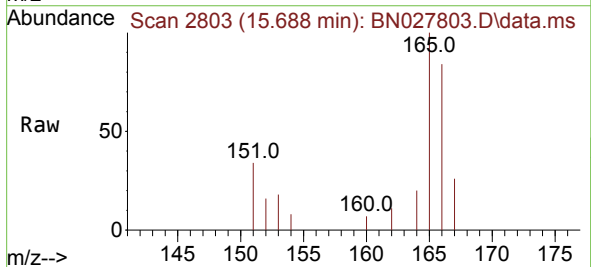
Instrument :
BNA_N
ClientSampleId :
EZYX7

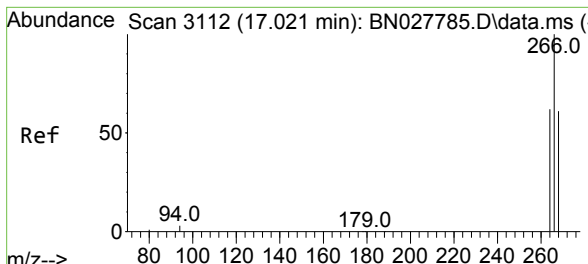
Tgt Ion:153 Resp: 7559
Ion Ratio Lower Upper
153 100
152 55.5 41.7 62.5
154 83.2 70.3 105.5



#12
Fluorene
Concen: 0.127 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

Tgt Ion:166 Resp: 7338
Ion Ratio Lower Upper
166 100
165 118.7 78.0 117.0#
167 30.5 11.4 17.2#



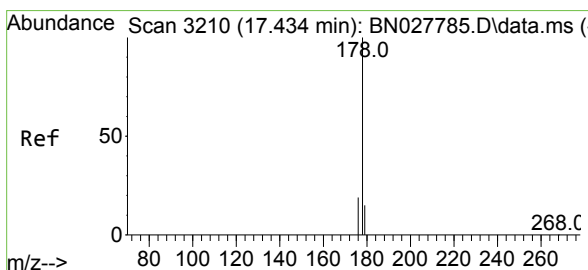
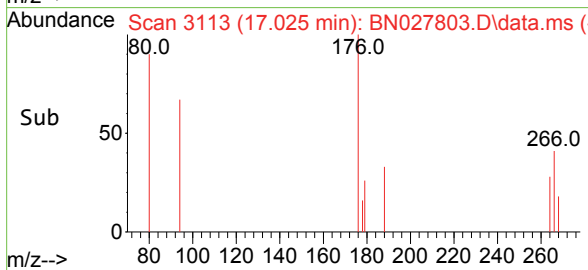
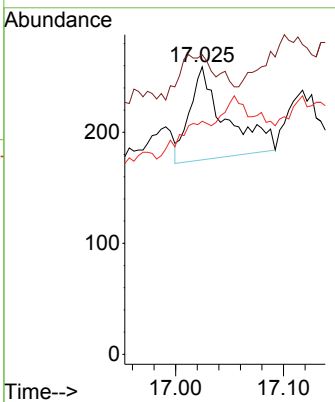
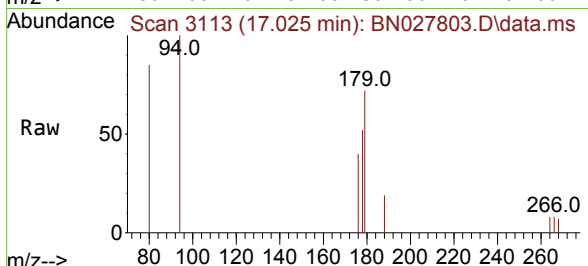


#14
 Pentachlorophenol
 Concen: 0.030 ng/ul
 RT: 17.025 min Scan# 3112
 Delta R.T. 0.004 min
 Lab File: BN027803.D
 Acq: 22 Sep 2023 01:33

Instrument :
 BNA_N
 ClientSampleId :
 EZYX7

Tgt Ion:266 Resp: 194

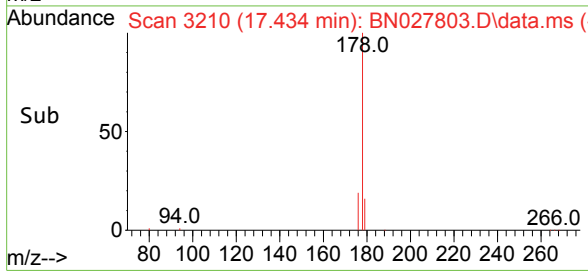
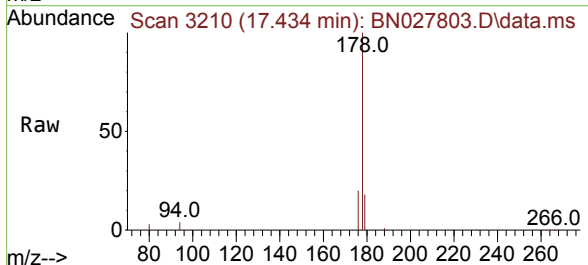
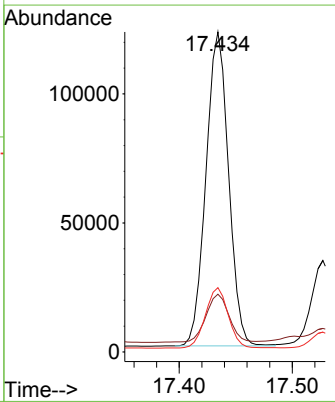
Ion	Ratio	Lower	Upper
266	100		
264	54.1	49.6	74.4
268	39.7	50.7	76.1#

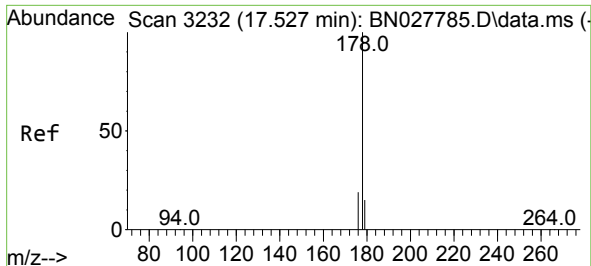


#15
 Phenanthrene
 Concen: 1.921 ng/ul
 RT: 17.434 min Scan# 3210
 Delta R.T. -0.000 min
 Lab File: BN027803.D
 Acq: 22 Sep 2023 01:33

Tgt Ion:178 Resp: 169098

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.4	18.6
176	20.1	16.0	24.0

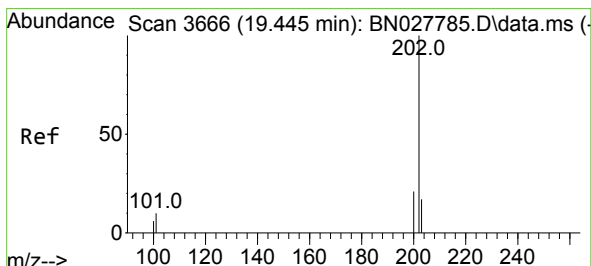
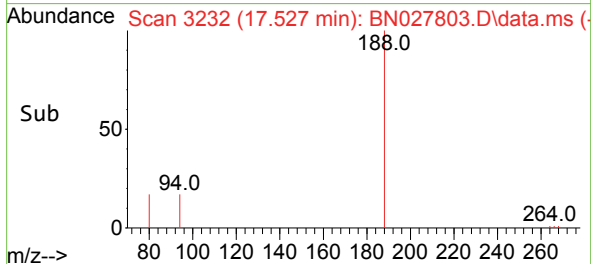
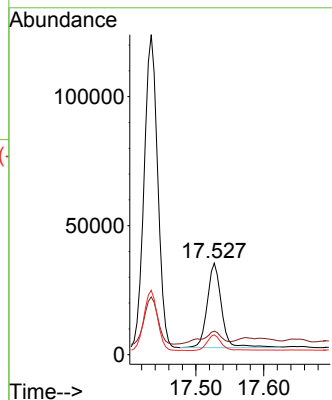
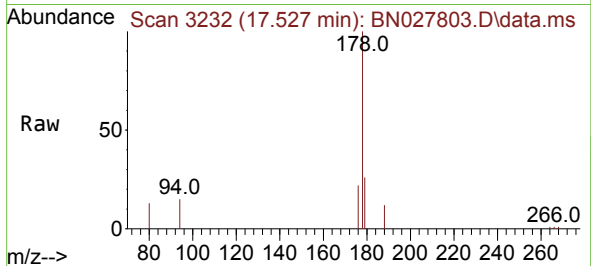




#16
 Anthracene
 Concen: 0.646 ng/ul
 RT: 17.527 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN027803.D
 Acq: 22 Sep 2023 01:33

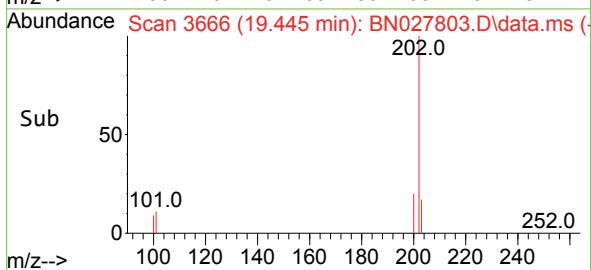
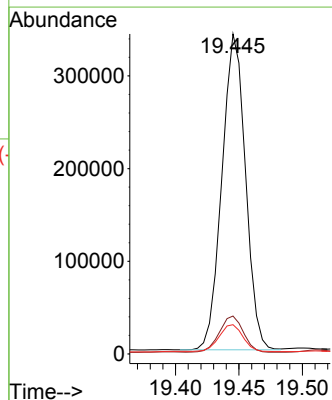
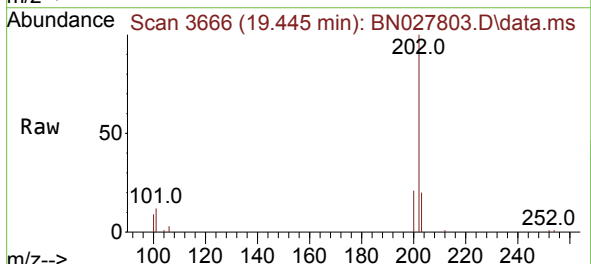
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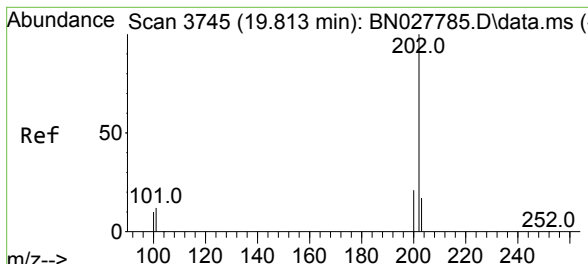
Tgt Ion:178 Resp: 47648
 Ion Ratio Lower Upper
 178 100
 179 25.7 12.6 19.0#
 176 21.6 15.5 23.3



#19
 Fluoranthene
 Concen: 5.123 ng/ul
 RT: 19.445 min Scan# 3666
 Delta R.T. -0.000 min
 Lab File: BN027803.D
 Acq: 22 Sep 2023 01:33

Tgt Ion:202 Resp: 440086
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.3 13.9
 100 9.1 7.0 10.4

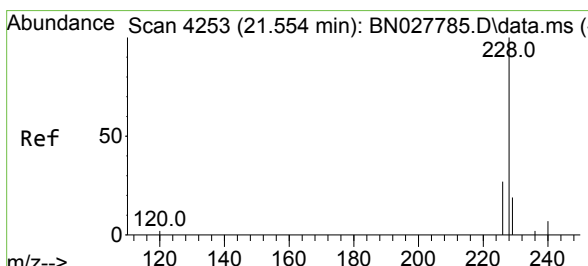
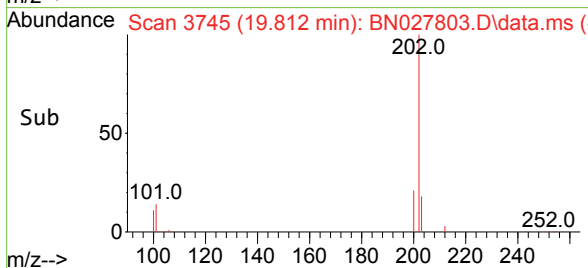
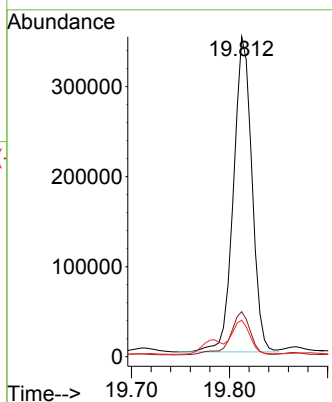
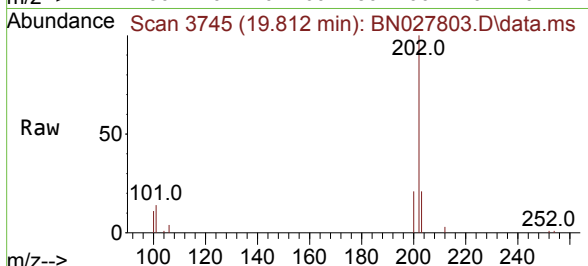




#20
Pyrene
Concen: 5.185 ng/ul
RT: 19.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

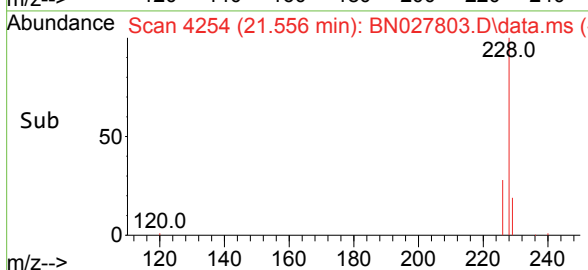
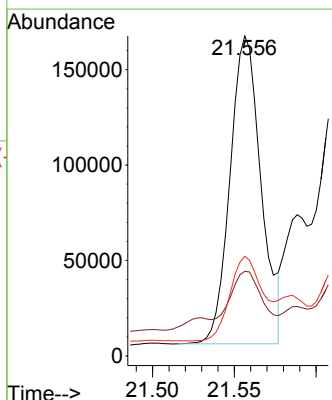
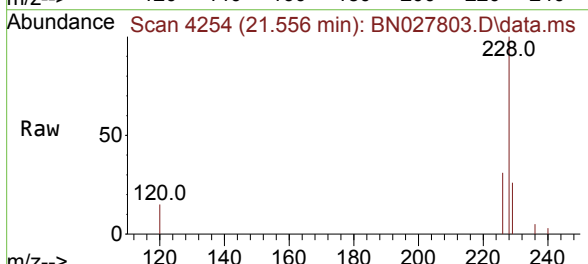
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ClientSampleId :
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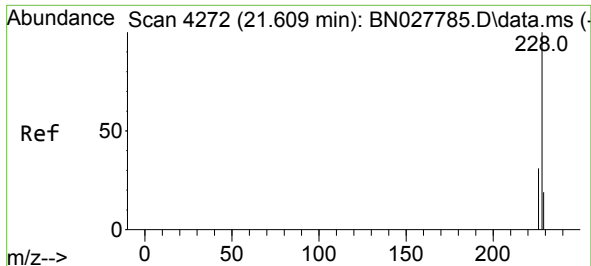
Tgt Ion:	202	Resp:	458869
Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.4	17.0
100	11.4	9.1	13.7



#21
Benzo(a)anthracene
Concen: 2.594 ng/ul
RT: 21.556 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

Tgt Ion:	228	Resp:	213235
Ion	Ratio	Lower	Upper
228	100		
229	26.5	15.8	23.8
226	31.2	22.0	33.0





#22

Chrysene

Concen: 2.081 ng/ul

RT: 21.612 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN027803.D

Acq: 22 Sep 2023 01:33

Instrument :

BNA_N

ClientSampleId :

EZYX7

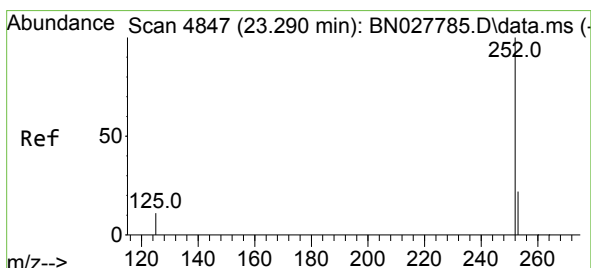
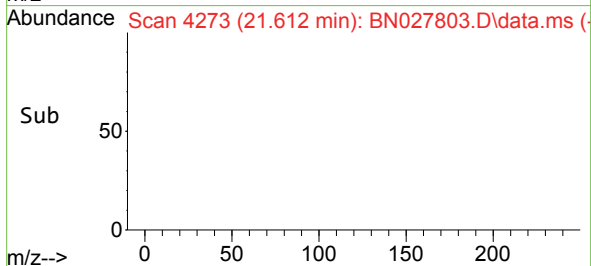
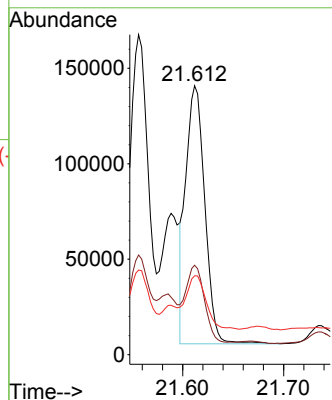
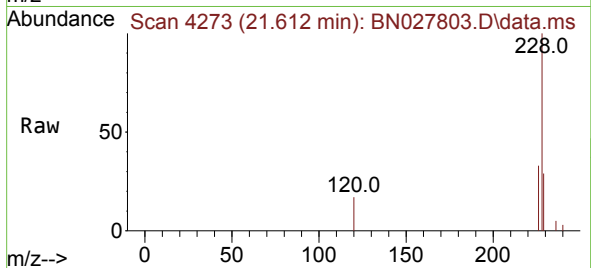
Tgt Ion:228 Resp: 176794

Ion Ratio Lower Upper

228 100

226 33.3 24.5 36.7

229 29.3 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 5.544 ng/ul

RT: 23.298 min Scan# 4850

Delta R.T. 0.009 min

Lab File: BN027803.D

Acq: 22 Sep 2023 01:33

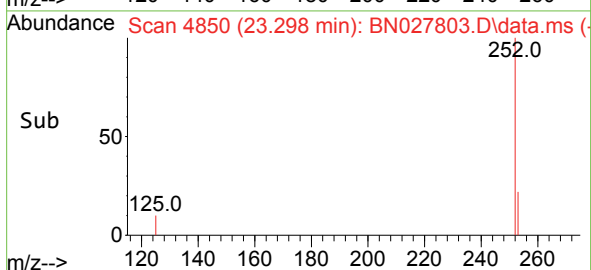
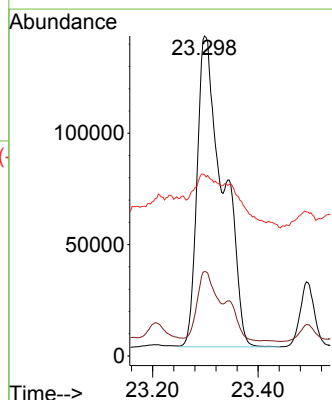
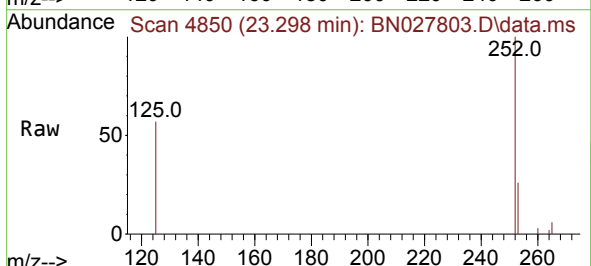
Tgt Ion:252 Resp: 475566

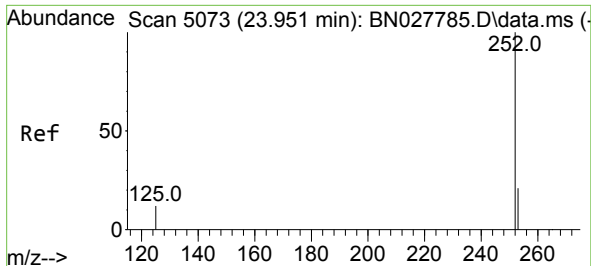
Ion Ratio Lower Upper

252 100

253 26.4 0.0 50.2

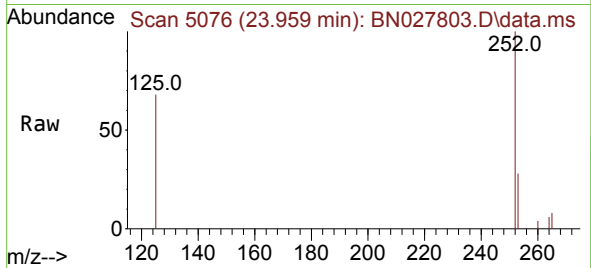
125 56.6 0.0 31.4#



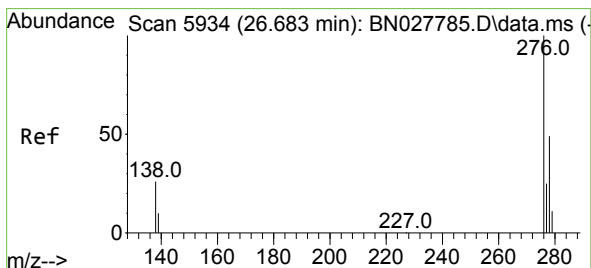
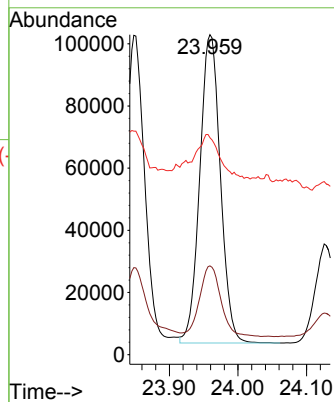
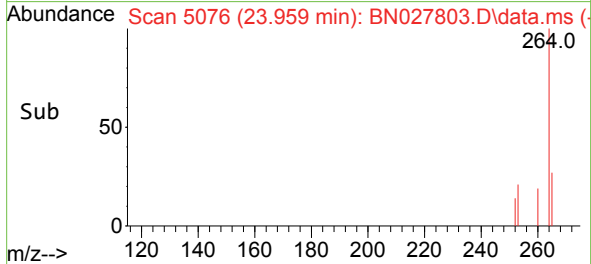


#26
Benzo(a)pyrene
Concen: 3.006 ng/ul
RT: 23.959 min Scan# 5073
Delta R.T. 0.009 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

Instrument :
BNA_N
ClientSampleId :
EZYX7

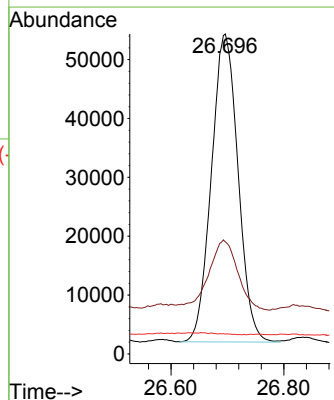
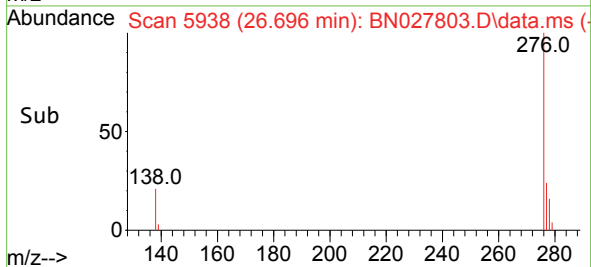
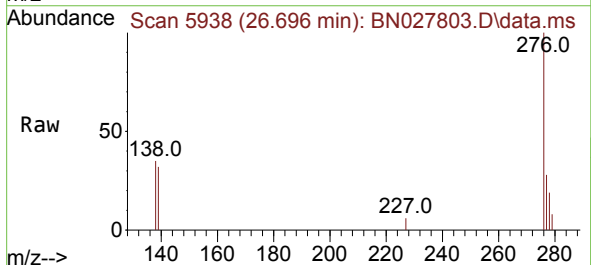


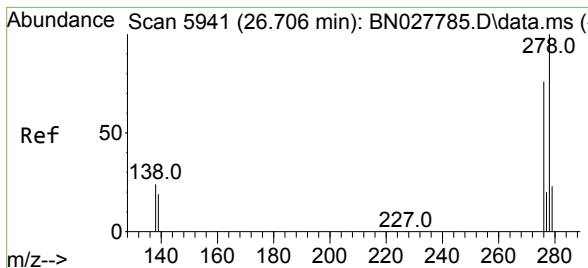
Tgt Ion:252 Resp: 207340
Ion Ratio Lower Upper
252 100
253 27.7 21.9 32.9
125 67.8 15.5 23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.941 ng/ul
RT: 26.696 min Scan# 5938
Delta R.T. 0.013 min
Lab File: BN027803.D
Acq: 22 Sep 2023 01:33

Tgt Ion:276 Resp: 171556
Ion Ratio Lower Upper
276 100
138 24.3 24.3 36.5#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.581 ng/ul

RT: 26.710 min Scan# 5941

Delta R.T. 0.003 min

Lab File: BN027803.D

Acq: 22 Sep 2023 01:33

Instrument :

BNA_N

ClientSampleId :

EZYX7

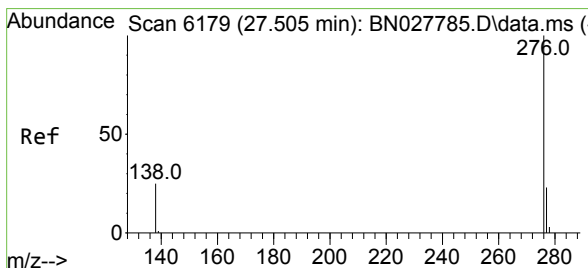
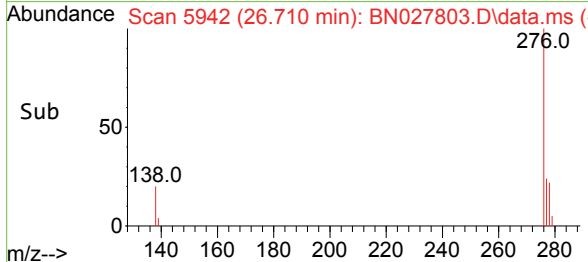
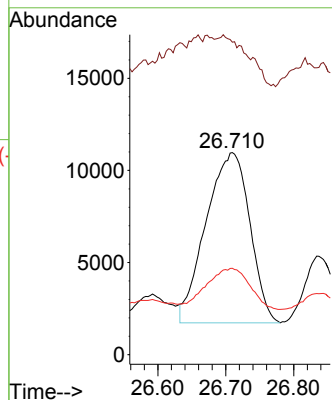
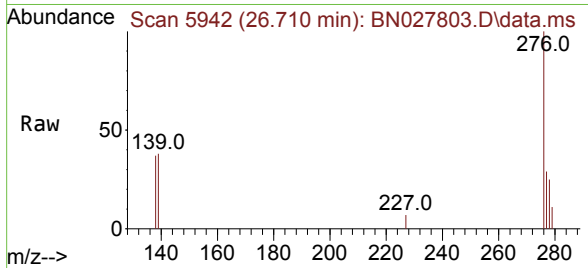
Tgt Ion:278 Resp: 41380

Ion Ratio Lower Upper

278 100

139 154.7 17.2 25.8#

279 42.8 21.4 32.0#



#29

Benzo(g,h,i)perylene

Concen: 2.551 ng/ul

RT: 27.518 min Scan# 6183

Delta R.T. 0.013 min

Lab File: BN027803.D

Acq: 22 Sep 2023 01:33

Tgt Ion:276 Resp: 191521

Ion Ratio Lower Upper

276 100

138 33.9 21.7 32.5#

277 27.1 20.2 30.2

