

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024241.D
 Acq On : 10 Mar 2023 18:22
 Operator : CG/JU
 Sample : SSTDCCC0.04
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4392

Quant Time: Mar 11 00:09:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:43:59 2023
 Response via : Initial Calibration

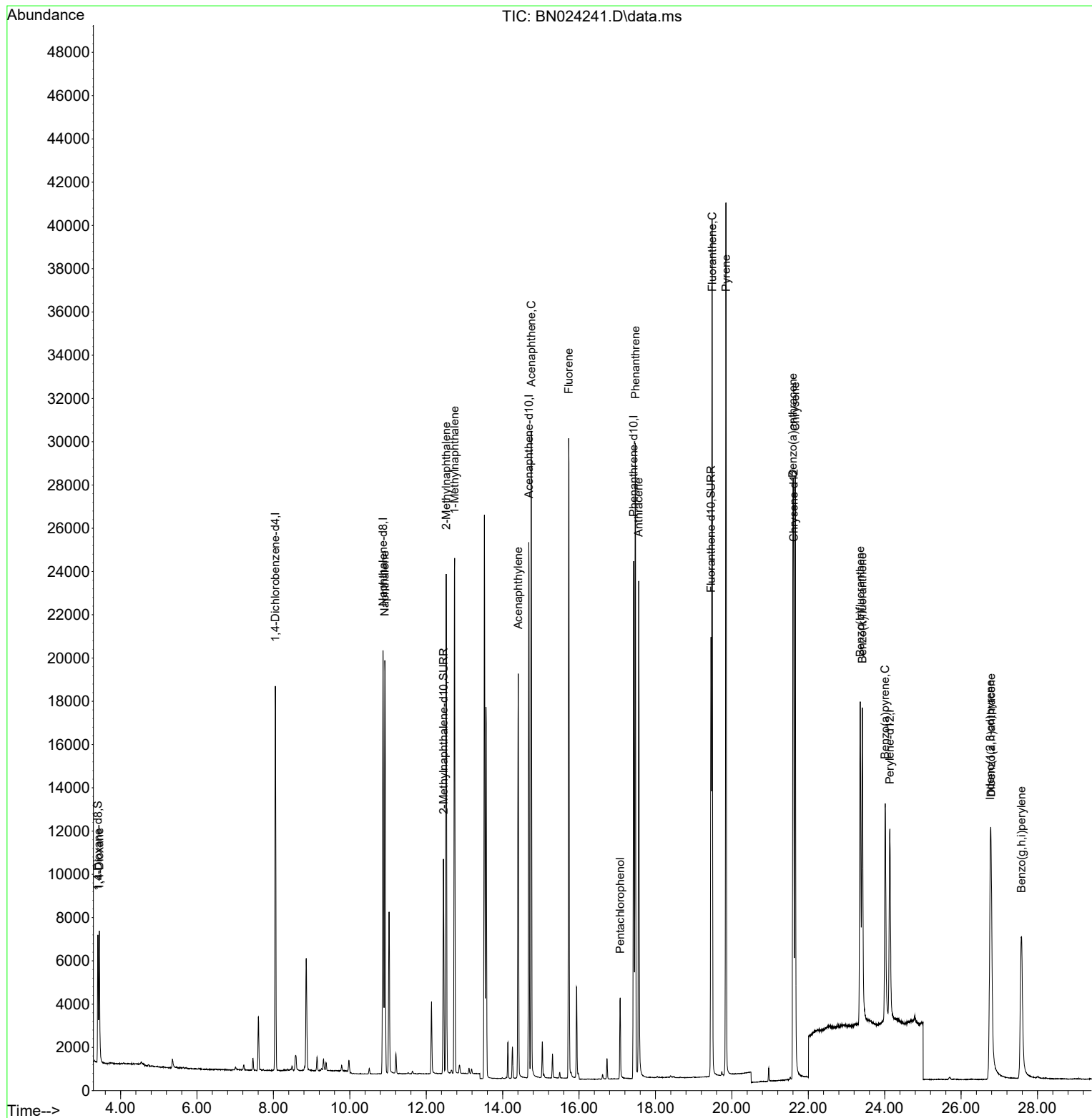
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	8845	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	25647	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	13313	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	27022	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	19209	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	15024	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	3728	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.450	152	12362	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	21856	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	4046	0.382	ng/ul	94
5) Naphthalene	10.916	128	25992	0.406	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	15736	0.405	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	16604	0.407	ng/ul	100
10) Acenaphthylene	14.407	152	21126	0.380	ng/ul	99
11) Acenaphthene	14.749	153	17171	0.401	ng/ul	99
12) Fluorene	15.730	166	18889	0.395	ng/ul	97
14) Pentachlorophenol	17.075	266	2548	0.339	ng/ul#	73
15) Phenanthrene	17.472	178	31270	0.404	ng/ul	99
16) Anthracene	17.561	178	25714	0.379	ng/ul	100
19) Fluoranthene	19.483	202	32517	0.425	ng/ul	100
20) Pyrene	19.845	202	32868	0.424	ng/ul	99
21) Benzo(a)anthracene	21.597	228	23170	0.370	ng/ul	100
22) Chrysene	21.656	228	26538	0.401	ng/ul	99
24) Benzo(b)fluoranthene	23.360	252	23902	0.417	ng/ul	98
25) Benzo(k)fluoranthene	23.415	252	23236	0.390	ng/ul	98
26) Benzo(a)pyrene	24.012	252	18677	0.378	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.763	276	20013	0.360	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.784	278	14274	0.338	ng/ul	98
29) Benzo(g,h,i)perylene	27.582	276	18608	0.386	ng/ul	98

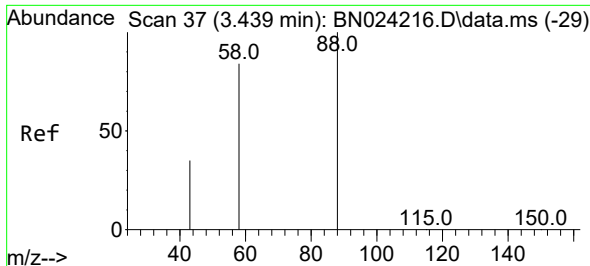
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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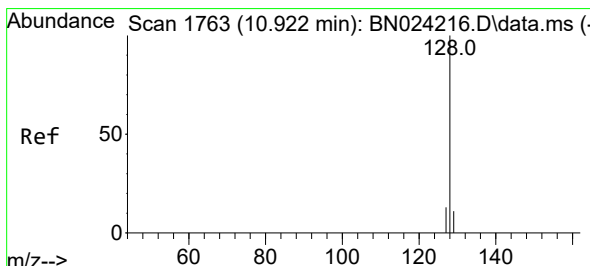
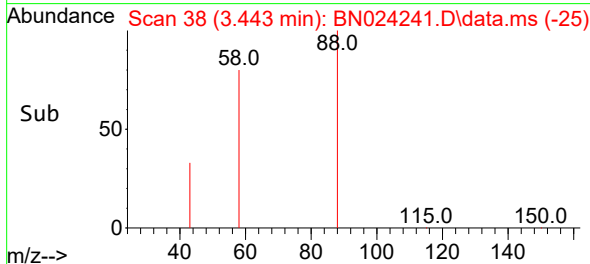
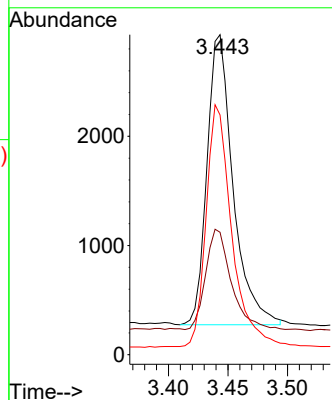
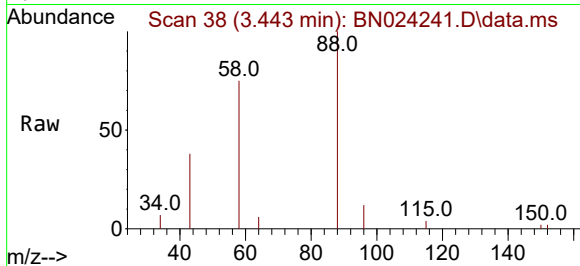




#2
1,4-Dioxane
Concen: 0.382 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

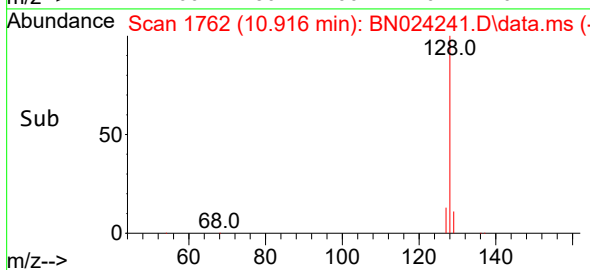
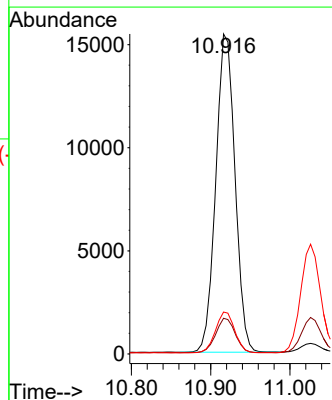
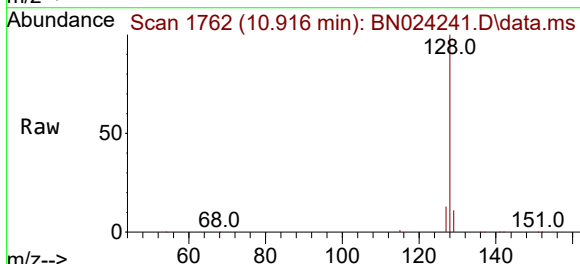
Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

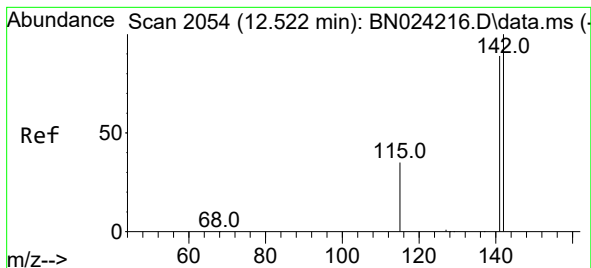
Tgt Ion: 88 Resp: 4046
Ion Ratio Lower Upper
88 100
43 38.2 32.1 48.1
58 74.9 55.1 82.7



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

Tgt Ion:128 Resp: 25992
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.5 15.7

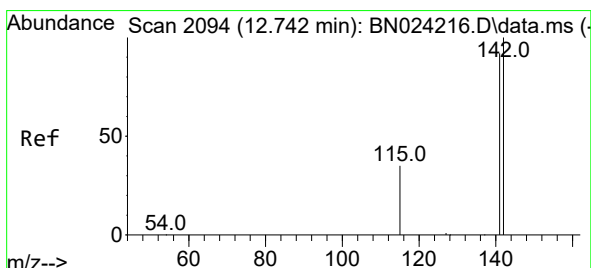
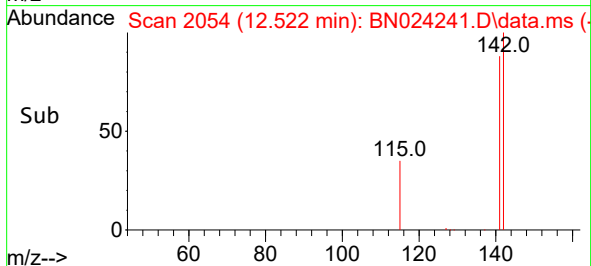
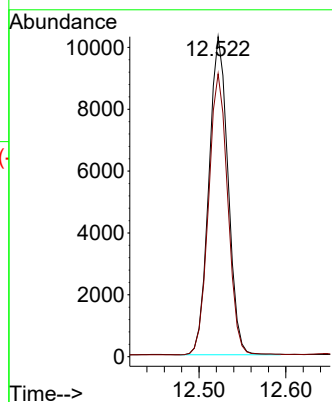
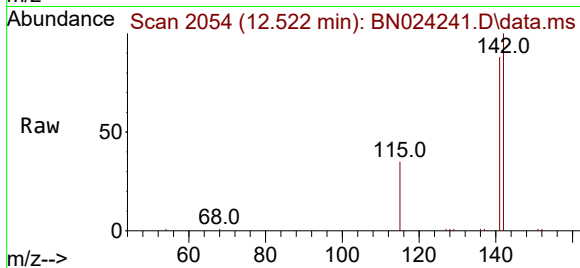




#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

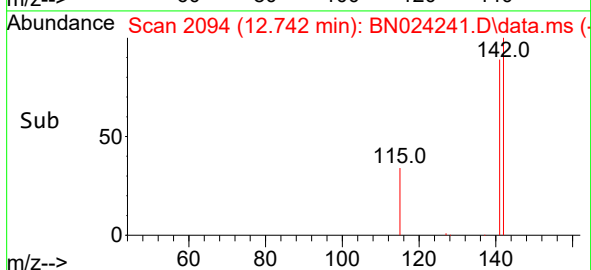
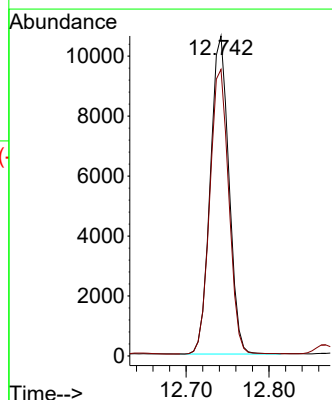
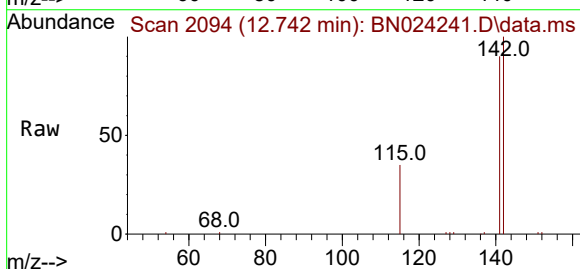
Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

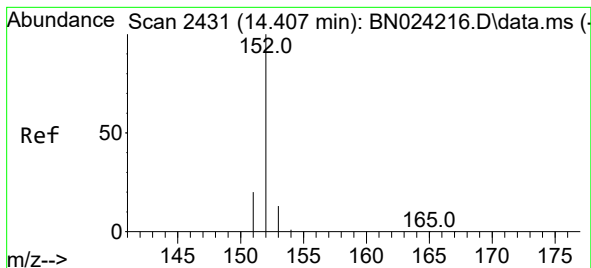
Tgt Ion:142 Resp: 15736
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

Tgt Ion:142 Resp: 16604
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.6





#10

Acenaphthylene

Concen: 0.380 ng/ul

RT: 14.407 min Scan# 2431

Delta R.T. -0.000 min

Lab File: BN024241.D

Acq: 10 Mar 2023 18:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.4392

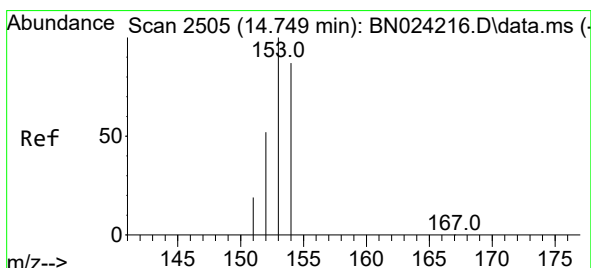
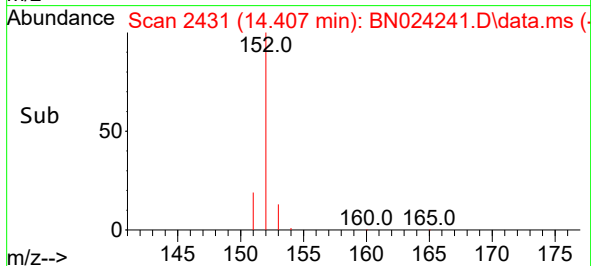
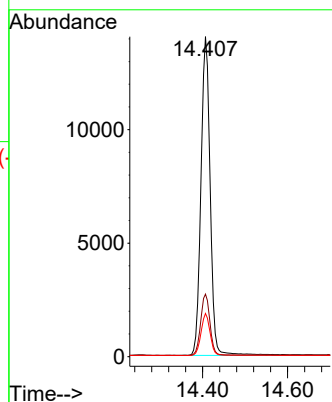
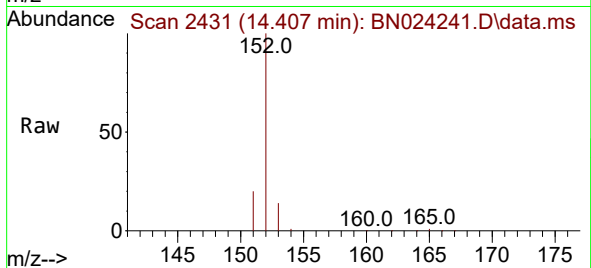
Tgt Ion:152 Resp: 21126

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.5 10.6 16.0



#11

Acenaphthene

Concen: 0.401 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. -0.000 min

Lab File: BN024241.D

Acq: 10 Mar 2023 18:22

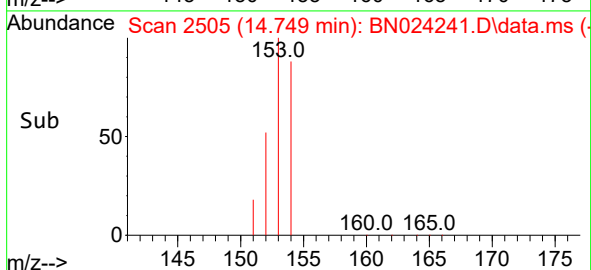
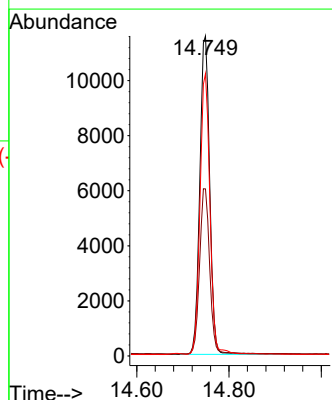
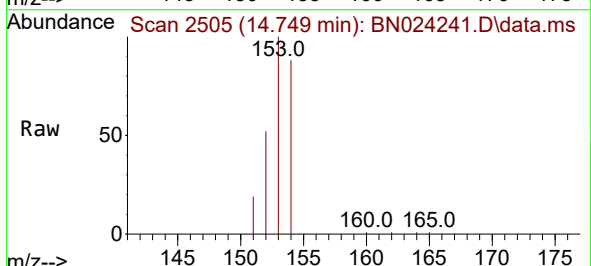
Tgt Ion:153 Resp: 17171

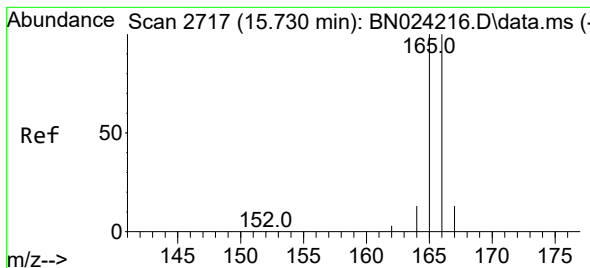
Ion Ratio Lower Upper

153 100

152 52.2 42.6 64.0

154 88.2 70.6 105.8





#12

Fluorene

Concen: 0.395 ng/ul

RT: 15.730 min Scan# 2717

Delta R.T. -0.000 min

Lab File: BN024241.D

Acq: 10 Mar 2023 18:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.4392

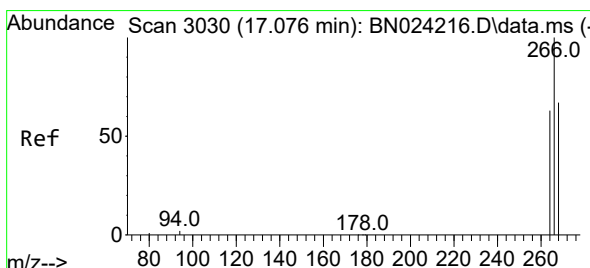
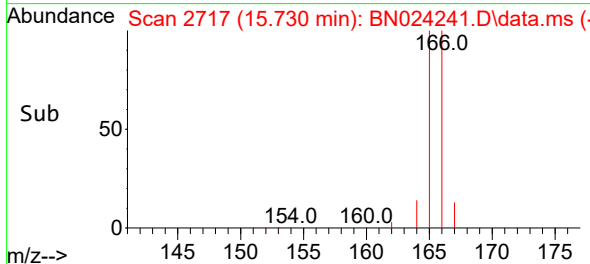
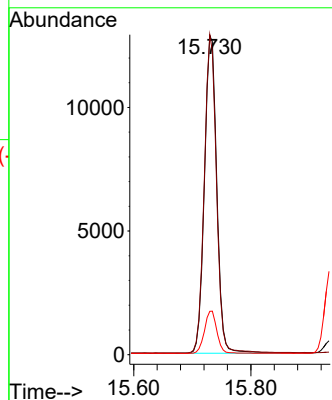
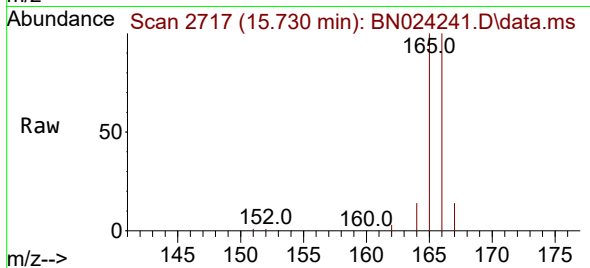
Tgt Ion:166 Resp: 18889

Ion Ratio Lower Upper

166 100

165 100.3 77.4 116.0

167 13.6 10.9 16.3



#14

Pentachlorophenol

Concen: 0.339 ng/ul

RT: 17.075 min Scan# 3030

Delta R.T. -0.000 min

Lab File: BN024241.D

Acq: 10 Mar 2023 18:22

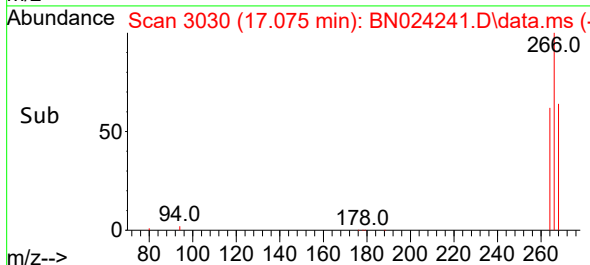
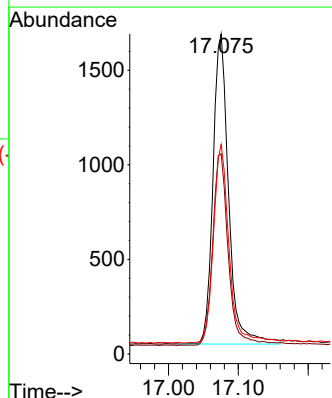
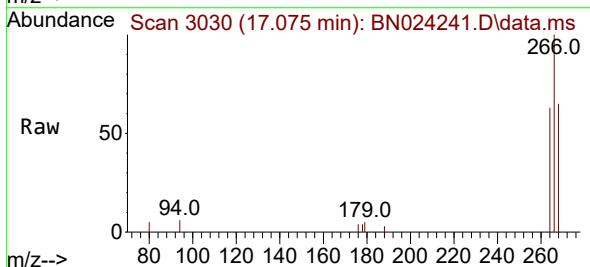
Tgt Ion:266 Resp: 2548

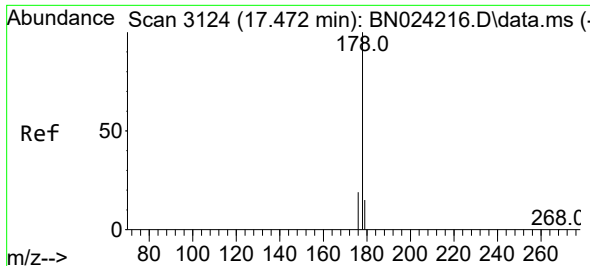
Ion Ratio Lower Upper

266 100

264 61.6 0.0 0.0#

268 63.7 0.1 0.1#

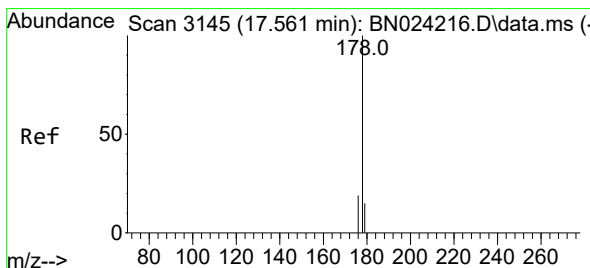
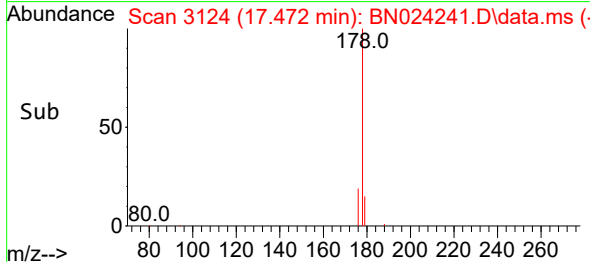
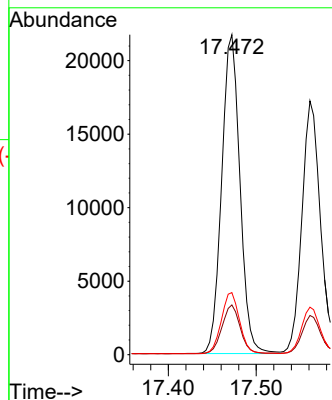
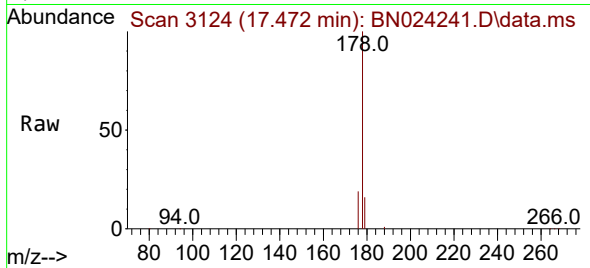




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

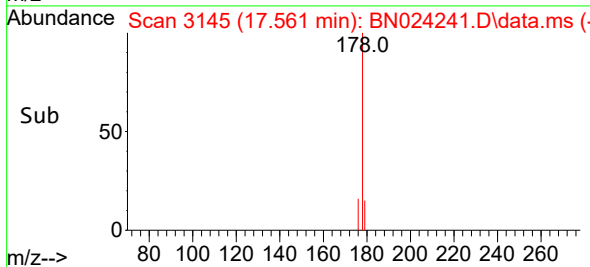
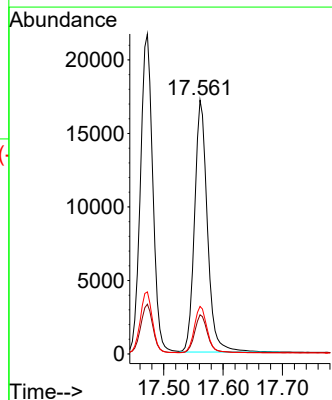
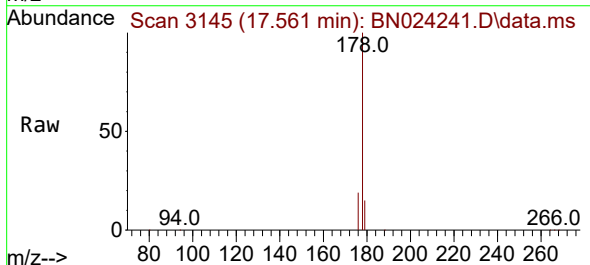
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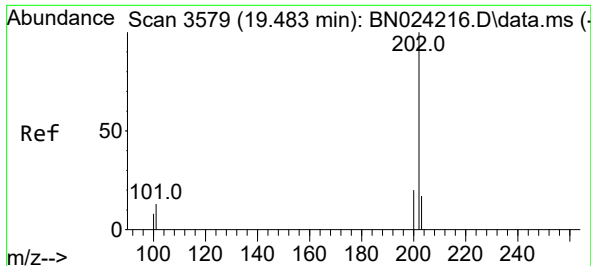
Tgt Ion:178 Resp: 31270
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.4 15.7 23.5



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.561 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

Tgt Ion:178 Resp: 25714
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.8 15.3 22.9

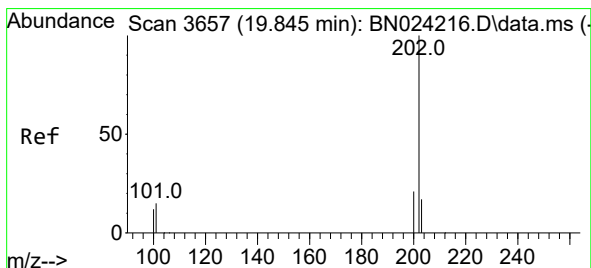
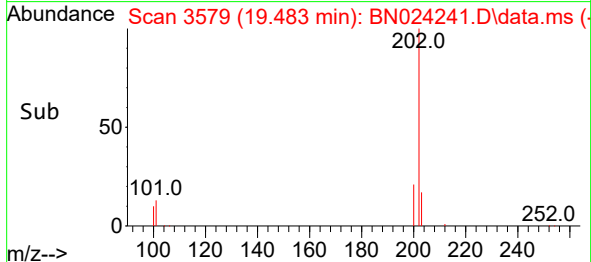
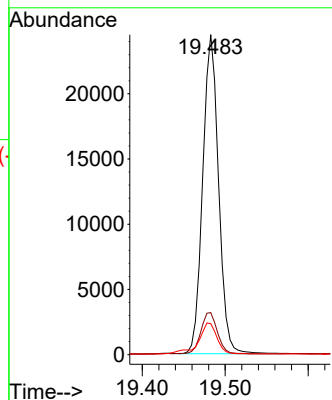
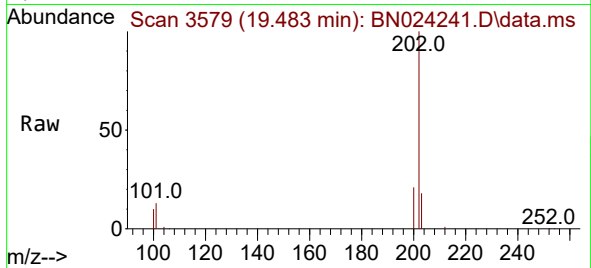




#19
Fluoranthene
Concen: 0.425 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. -0.000 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

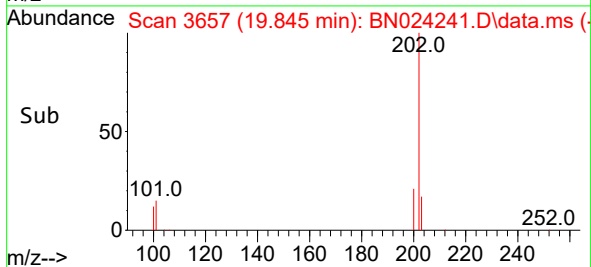
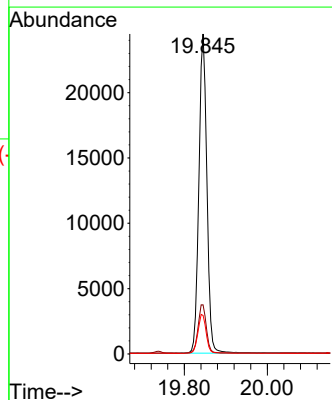
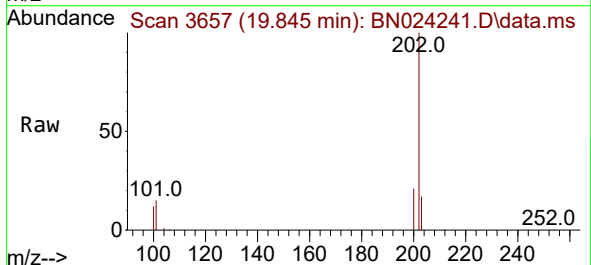
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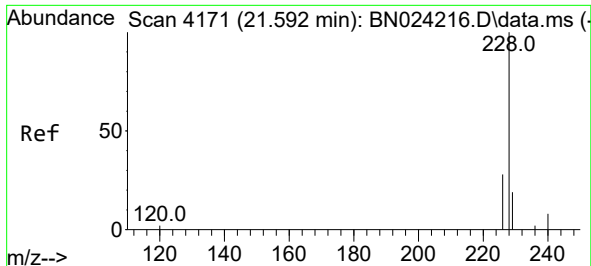
Tgt Ion:202 Resp: 32517
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 9.7 7.7 11.5



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. -0.000 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

Tgt Ion:202 Resp: 32868
Ion Ratio Lower Upper
202 100
101 15.4 12.1 18.1
100 12.0 9.4 14.0

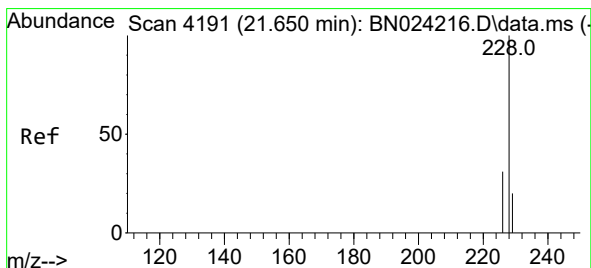
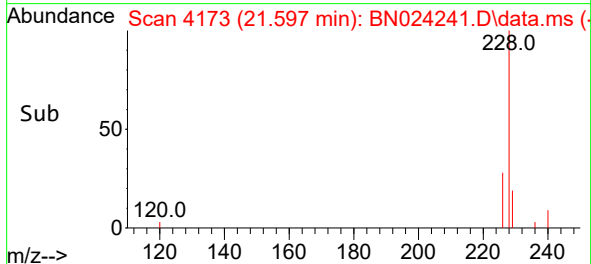
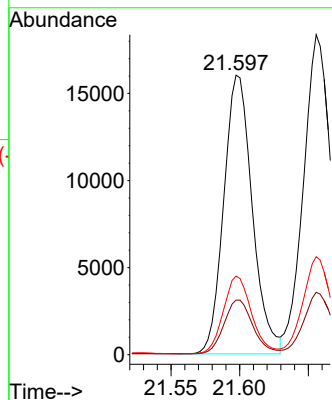
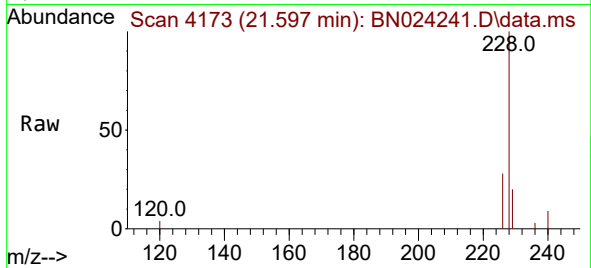




#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.597 min Scan# 4171
Delta R.T. 0.006 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

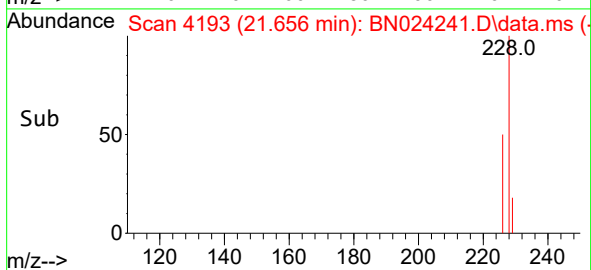
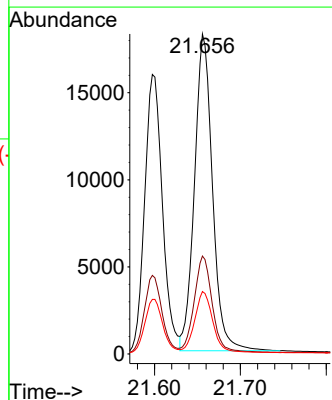
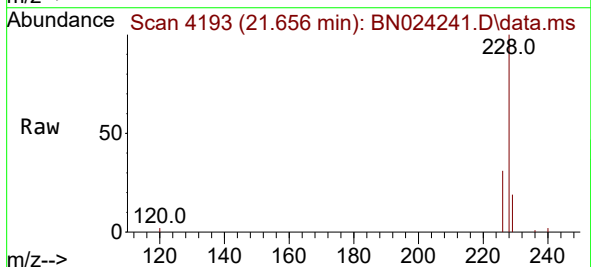
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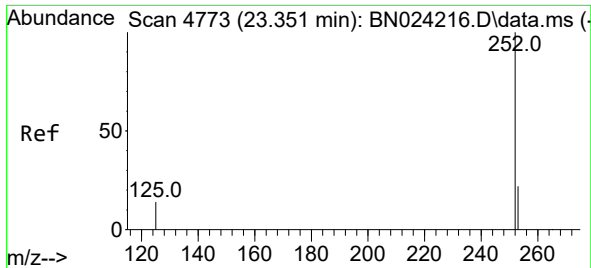
Tgt Ion:228 Resp: 23170
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 28.1 22.2 33.4



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.656 min Scan# 4193
Delta R.T. 0.006 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

Tgt Ion:228 Resp: 26538
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 19.5 15.8 23.6

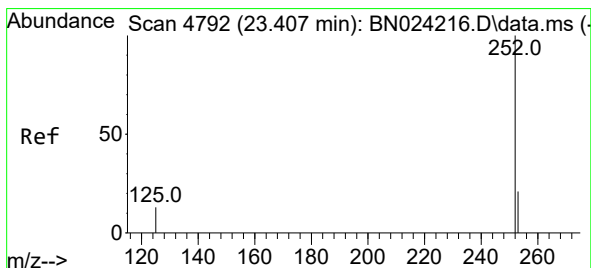
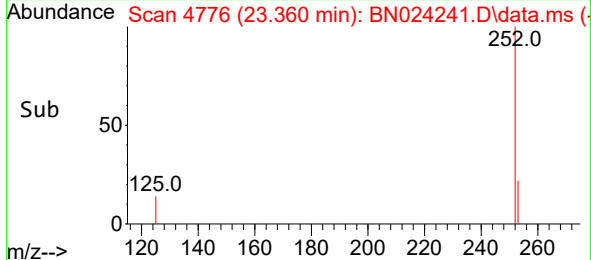
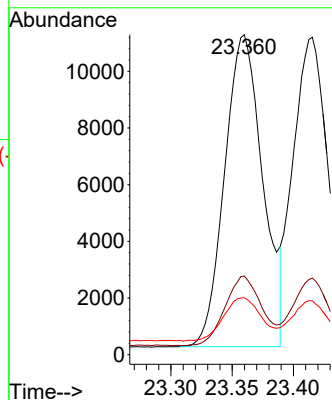
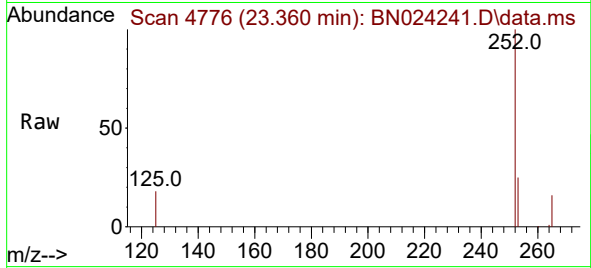




#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul
RT: 23.360 min Scan# 4773
Delta R.T. 0.009 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

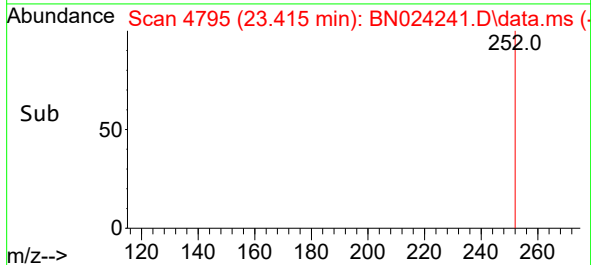
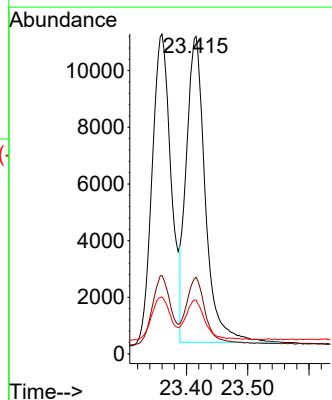
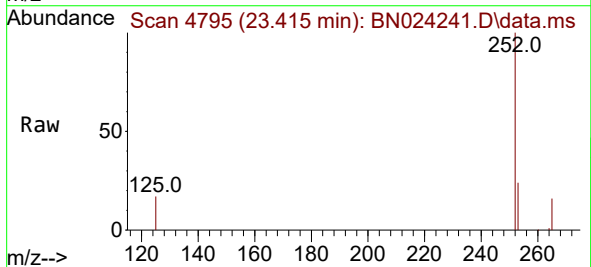
Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

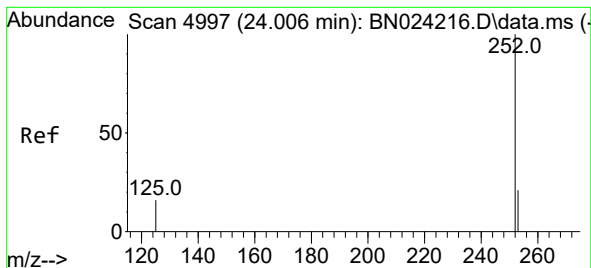
Tgt Ion:252 Resp: 23902
Ion Ratio Lower Upper
252 100
253 24.5 0.0 46.2
125 17.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 23.415 min Scan# 4795
Delta R.T. 0.009 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

Tgt Ion:252 Resp: 23236
Ion Ratio Lower Upper
252 100
253 24.1 18.5 27.7
125 17.0 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 24.012 min Scan# 4999

Delta R.T. 0.006 min

Lab File: BN024241.D

Acq: 10 Mar 2023 18:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.4392

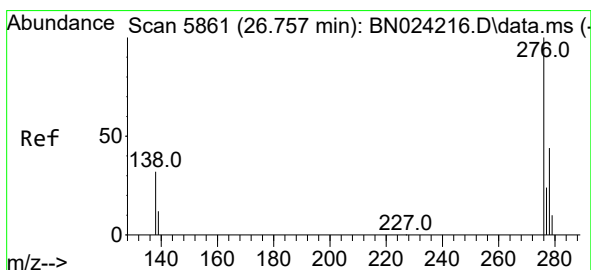
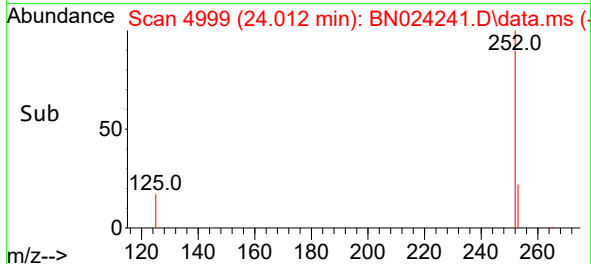
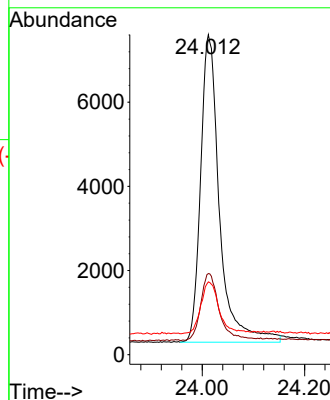
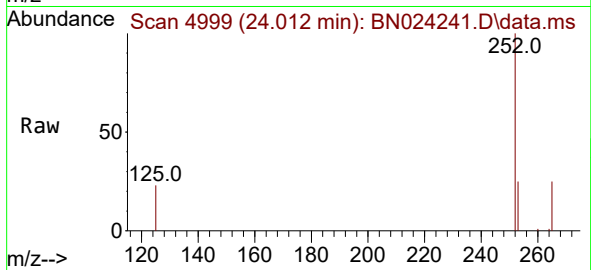
Tgt Ion:252 Resp: 18677

Ion Ratio Lower Upper

252 100

253 25.4 19.2 28.8

125 22.7 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.360 ng/ul

RT: 26.763 min Scan# 5863

Delta R.T. 0.007 min

Lab File: BN024241.D

Acq: 10 Mar 2023 18:22

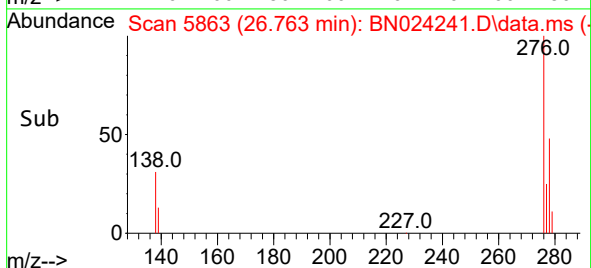
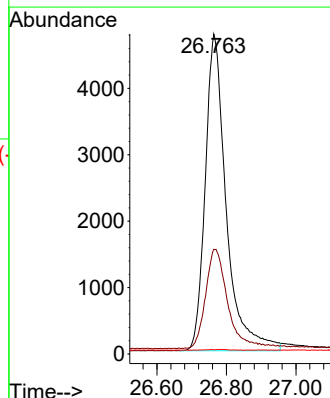
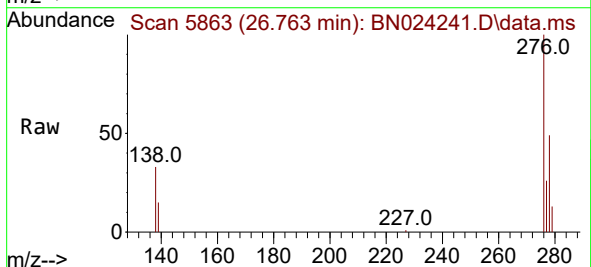
Tgt Ion:276 Resp: 20013

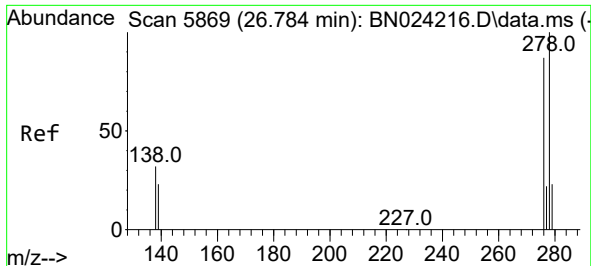
Ion Ratio Lower Upper

276 100

138 33.4 0.0 0.0#

227 0.1 0.0 0.0#

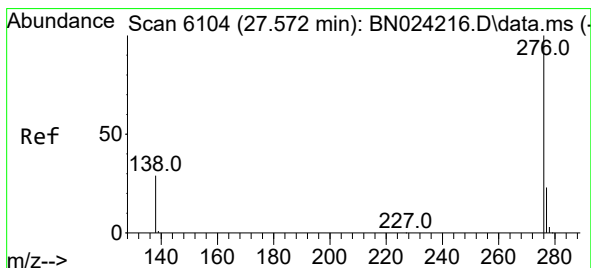
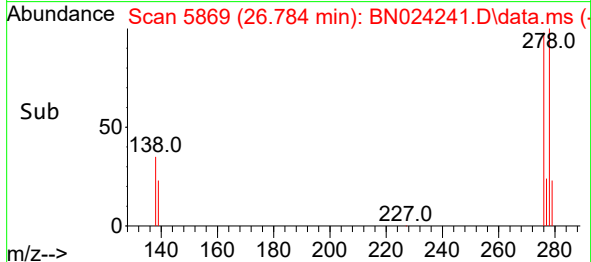
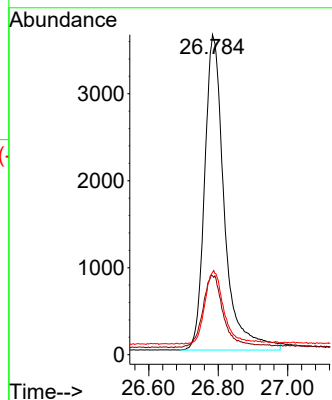
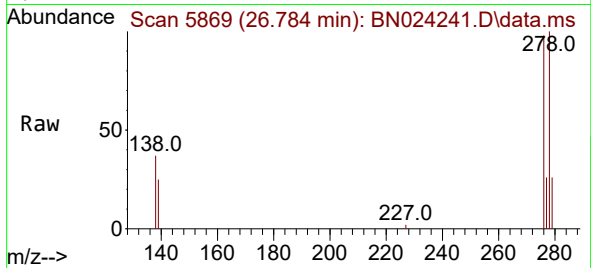




#28
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 26.784 min Scan# 5869
Delta R.T. -0.000 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

Instrument :
BNA_N
ClientSampleId :
SSTD0.4392

Tgt Ion:278 Resp: 14274
Ion Ratio Lower Upper
278 100
139 24.7 21.0 31.6
279 25.7 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 27.582 min Scan# 6107
Delta R.T. 0.010 min
Lab File: BN024241.D
Acq: 10 Mar 2023 18:22

Tgt Ion:276 Resp: 18608
Ion Ratio Lower Upper
276 100
138 30.4 25.2 37.8
277 24.8 19.4 29.2

