

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030243.D
 Acq On : 04 Mar 2024 06:48
 Operator : MA/JU
 Sample : PB159151BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS151

Quant Time: Mar 04 07:16:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

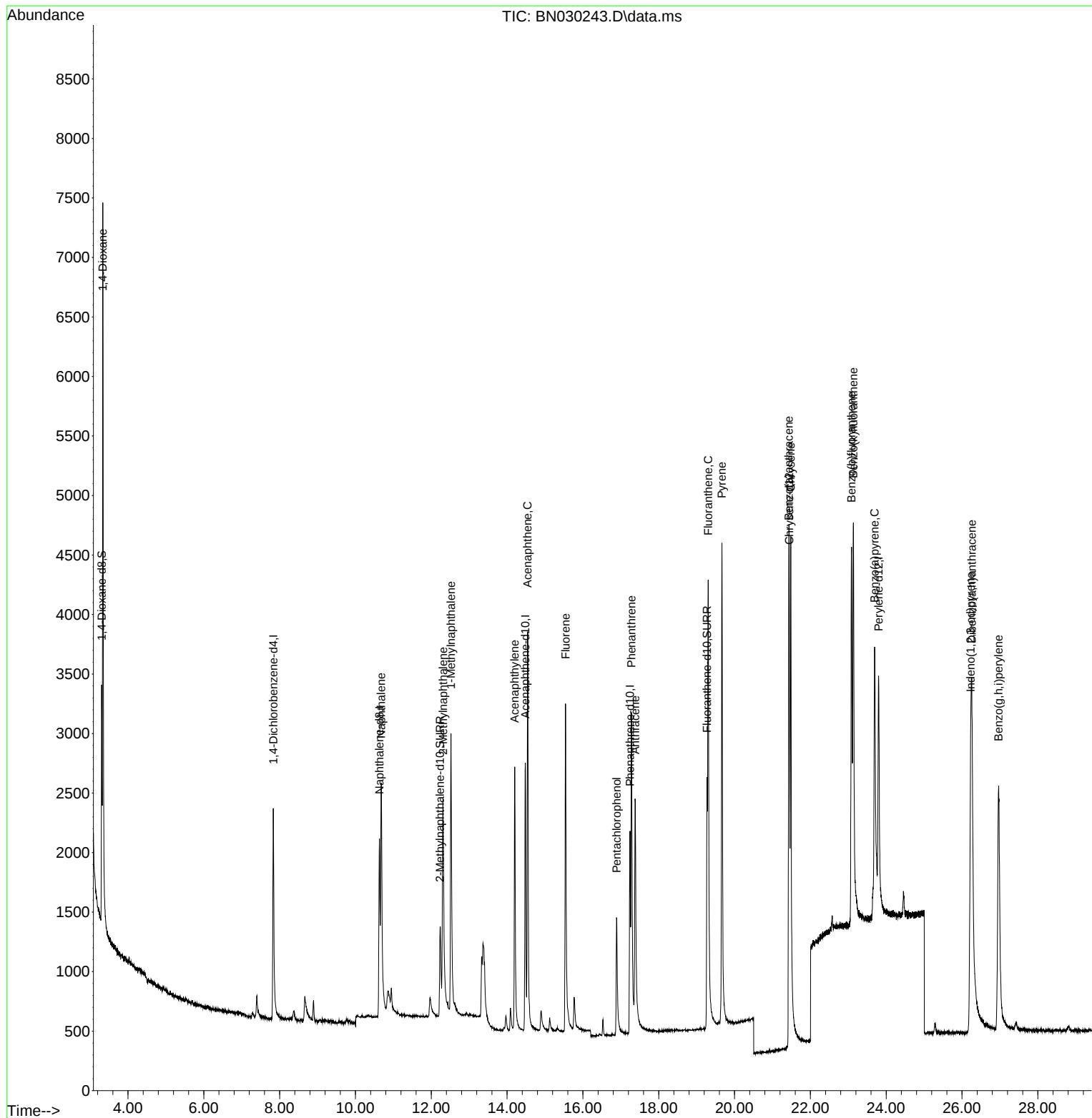
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.632	136	3345	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.482	164	1563	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	2920	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	2700	0.400	ng/ul	# 0.00
23) Perylene-d12	23.798	264	3131	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1398	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	1645	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	3317	0.377	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.336	88	4334	2.344	ng/ul#	86
5) Naphthalene	10.682	128	3794	0.384	ng/ul	98
7) 2-Methylnaphthalene	12.310	142	2012	0.376	ng/ul	98
8) 1-Methylnaphthalene	12.519	142	2099	0.370	ng/ul	99
10) Acenaphthylene	14.200	152	3387	0.388	ng/ul	97
11) Acenaphthene	14.542	153	2432	0.379	ng/ul	99
12) Fluorene	15.541	166	2513	0.385	ng/ul	98
14) Pentachlorophenol	16.887	266	1013	1.216	ng/ul	97
15) Phenanthrene	17.280	178	3753	0.383	ng/ul	98
16) Anthracene	17.377	178	3334	0.387	ng/ul	100
19) Fluoranthene	19.304	202	4464	0.372	ng/ul	99
20) Pyrene	19.666	202	4865	0.373	ng/ul	98
21) Benzo(a)anthracene	21.430	228	4052	0.425	ng/ul	99
22) Chrysene	21.483	228	4596	0.401	ng/ul	99
24) Benzo(b)fluoranthene	23.084	252	4923	0.408	ng/ul	97
25) Benzo(k)fluoranthene	23.134	252	5586	0.392	ng/ul	96
26) Benzo(a)pyrene	23.696	252	4875	0.397	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.226	276	6405	0.408	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.260	278	5058	0.416	ng/ul	94
29) Benzo(g,h,i)perylene	26.967	276	5696	0.391	ng/ul	95

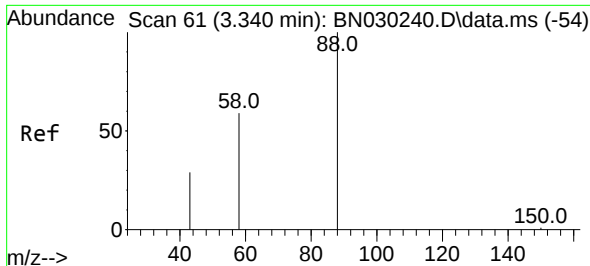
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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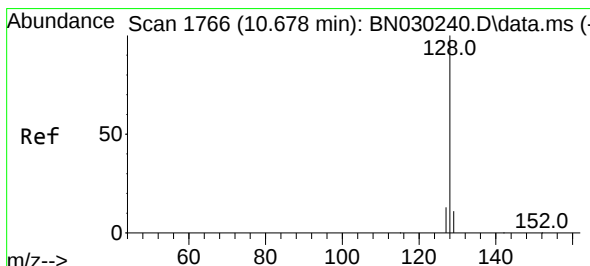
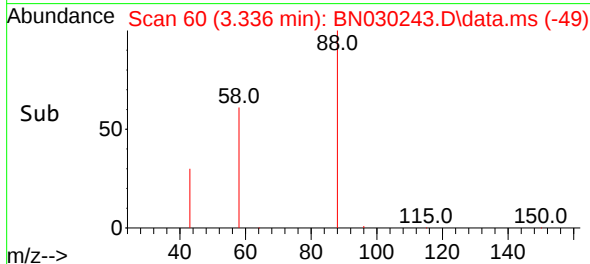
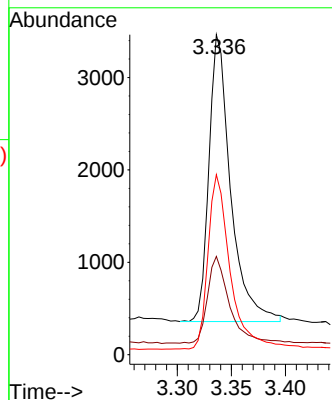
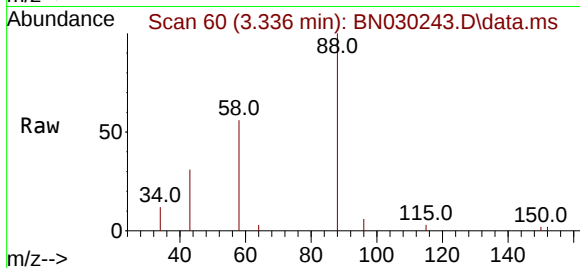




#2
1,4-Dioxane
Concen: 2.344 ng/ul
RT: 3.336 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

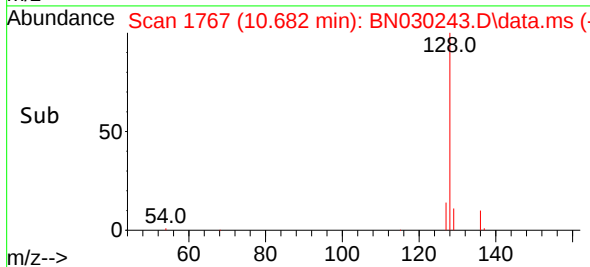
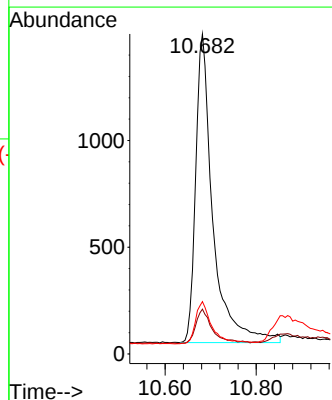
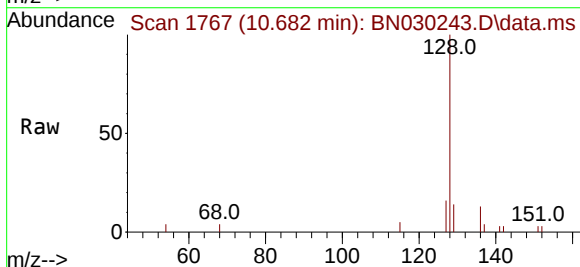
Instrument :
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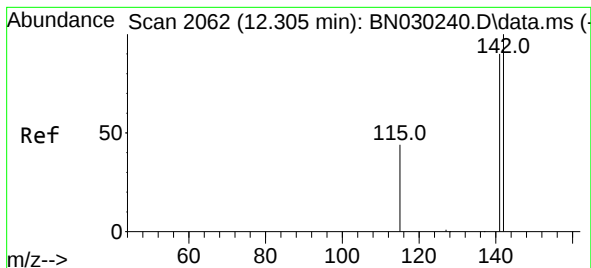
Tgt Ion: 88 Resp: 4334
Ion Ratio Lower Upper
88 100
43 30.7 25.7 38.5
58 56.2 33.8 50.8#



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. 0.004 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

Tgt Ion: 128 Resp: 3794
Ion Ratio Lower Upper
128 100
129 14.0 11.0 16.4
127 16.3 12.3 18.5

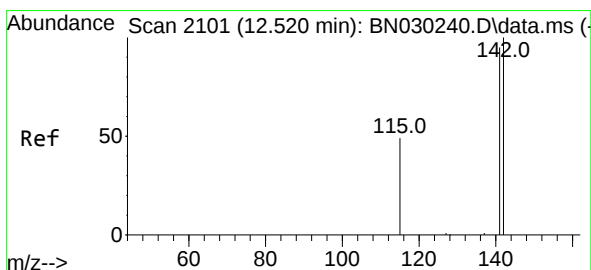
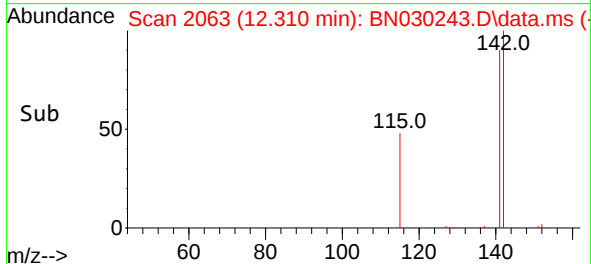
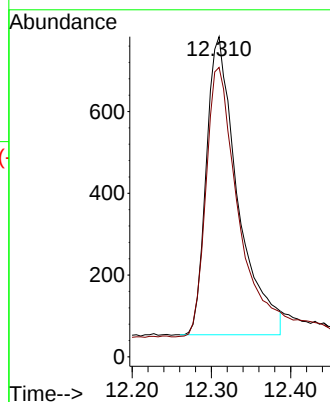
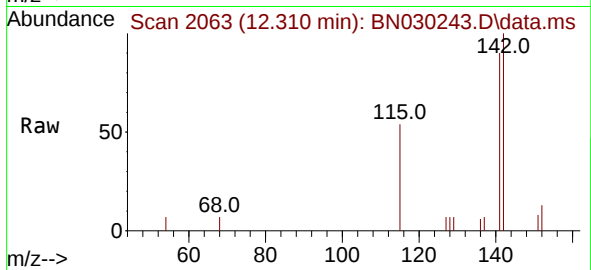




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. 0.004 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

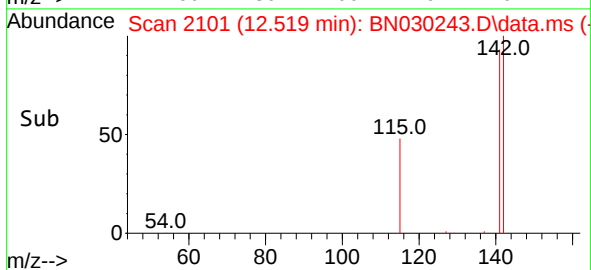
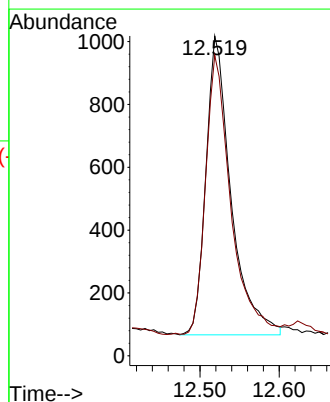
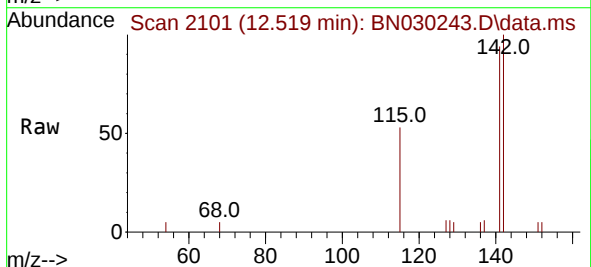
Instrument :
BNA_N
ClientSampleId :
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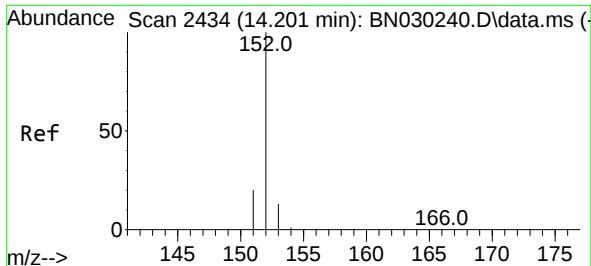
Tgt Ion:142 Resp: 2012
Ion Ratio Lower Upper
142 100
141 92.7 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

Tgt Ion:142 Resp: 2099
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.2

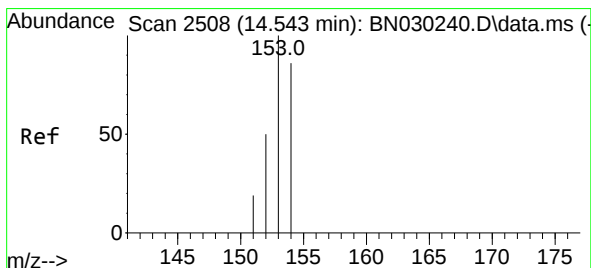
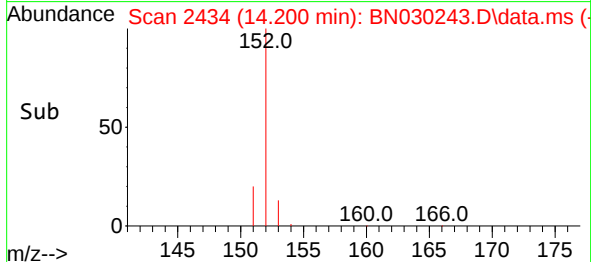
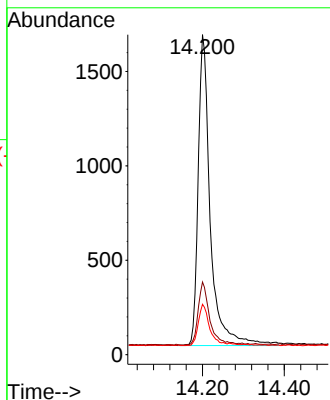
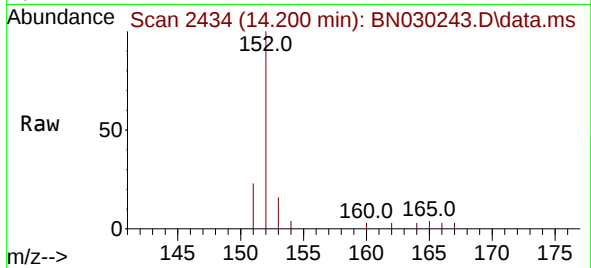




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.200 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

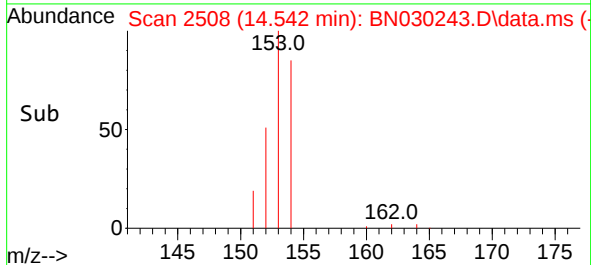
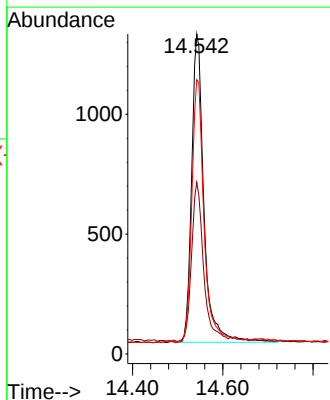
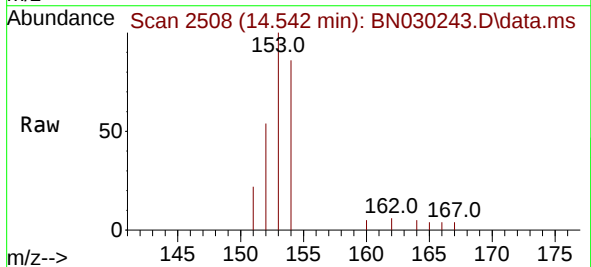
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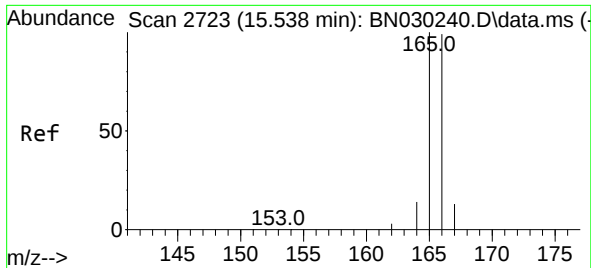
Tgt Ion:152 Resp: 3387
Ion Ratio Lower Upper
152 100
151 22.7 16.9 25.3
153 15.8 11.8 17.6



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.542 min Scan# 2508
Delta R.T. -0.001 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

Tgt Ion:153 Resp: 2432
Ion Ratio Lower Upper
153 100
152 53.6 43.2 64.8
154 85.7 67.5 101.3

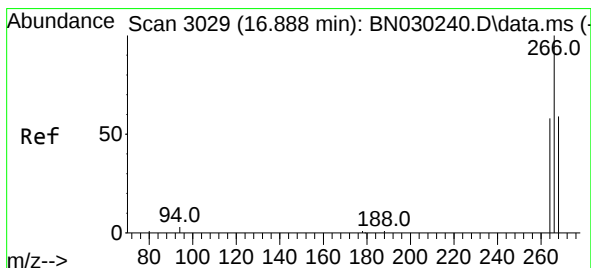
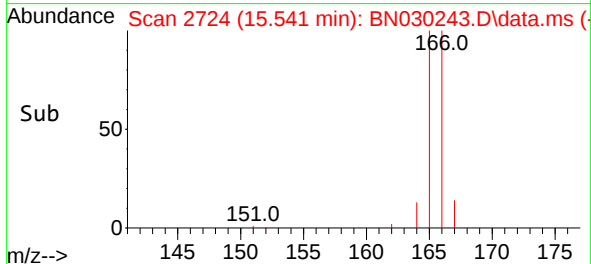
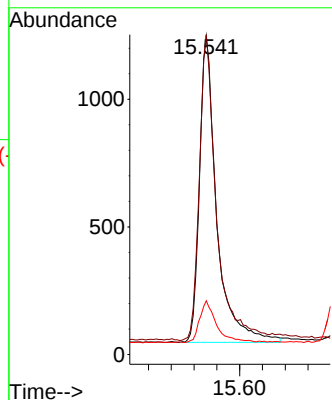
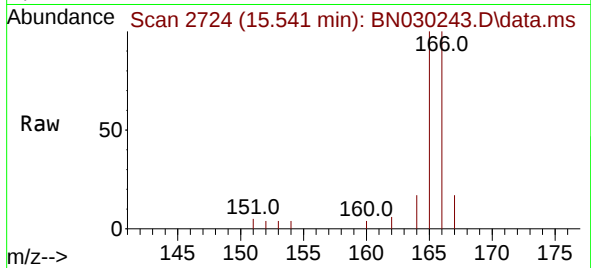




#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.541 min Scan# 2724
Delta R.T. 0.003 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

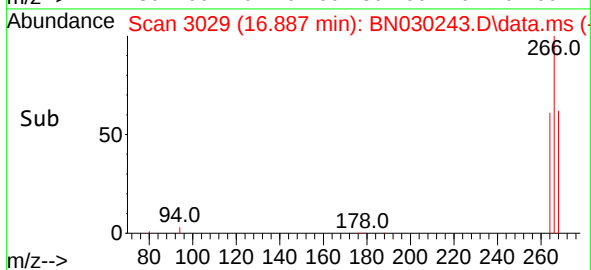
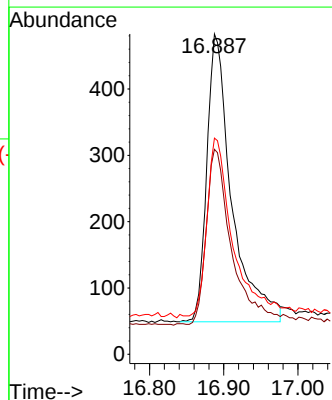
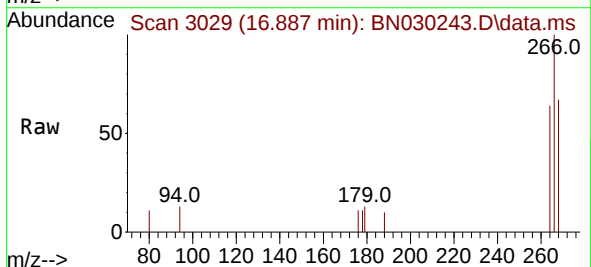
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BNA_N
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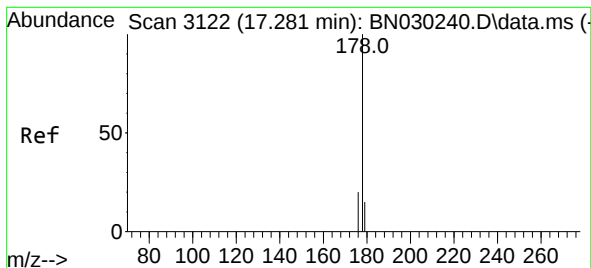
Tgt Ion:166 Resp: 2513
Ion Ratio Lower Upper
166 100
165 100.4 81.8 122.6
167 16.9 13.0 19.4



#14
Pentachlorophenol
Concen: 1.216 ng/ul
RT: 16.887 min Scan# 3029
Delta R.T. -0.001 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

Tgt Ion:266 Resp: 1013
Ion Ratio Lower Upper
266 100
264 62.0 49.8 74.8
268 63.0 53.4 80.2





#15

Phenanthrene

Concen: 0.383 ng/ul

RT: 17.280 min Scan# 3122

Delta R.T. -0.001 min

Lab File: BN030243.D

Acq: 04 Mar 2024 06:48

Instrument :

BNA_N

ClientSampleId :

SLCS151

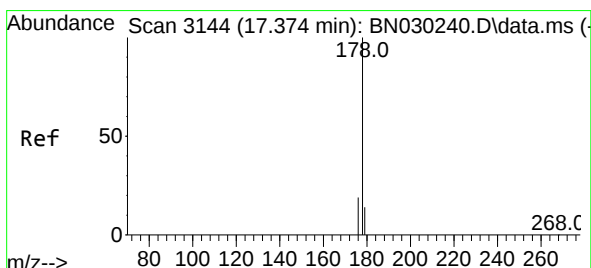
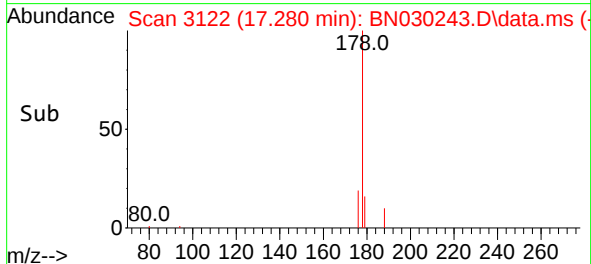
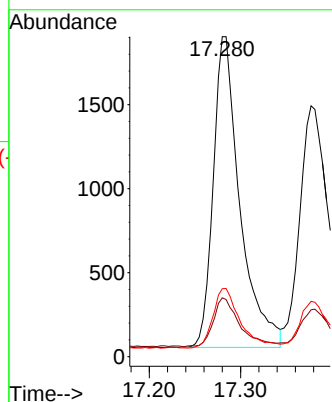
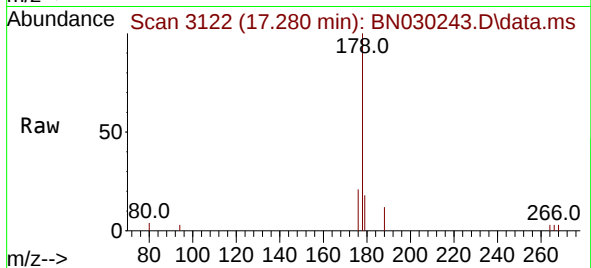
Tgt Ion:178 Resp: 3753

Ion Ratio Lower Upper

178 100

179 18.4 13.8 20.8

176 21.3 16.6 25.0



#16

Anthracene

Concen: 0.387 ng/ul

RT: 17.377 min Scan# 3145

Delta R.T. 0.003 min

Lab File: BN030243.D

Acq: 04 Mar 2024 06:48

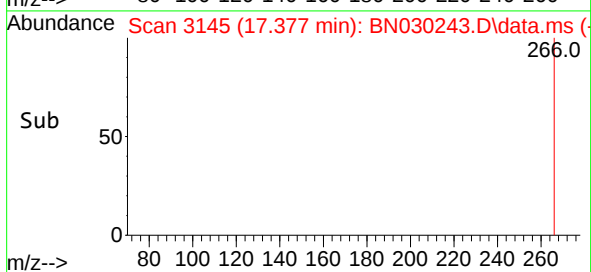
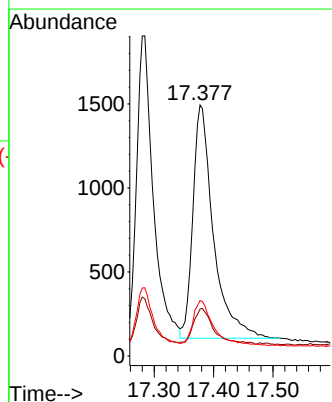
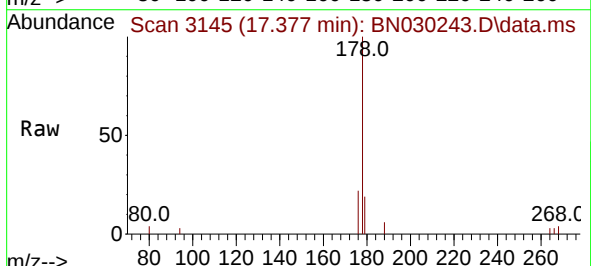
Tgt Ion:178 Resp: 3334

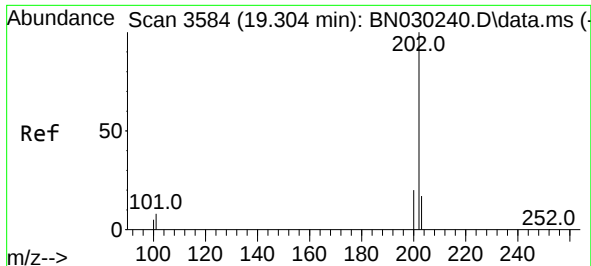
Ion Ratio Lower Upper

178 100

179 18.7 14.8 22.2

176 22.1 17.8 26.6

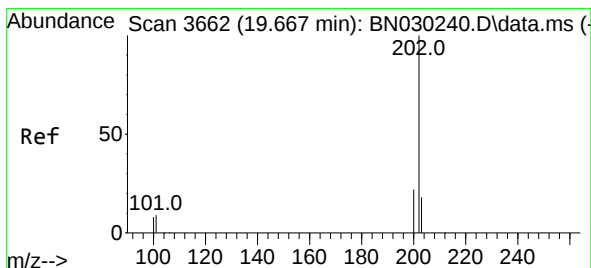
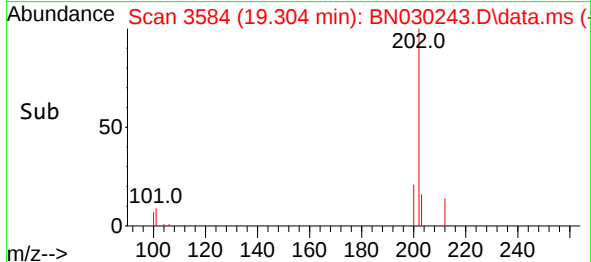
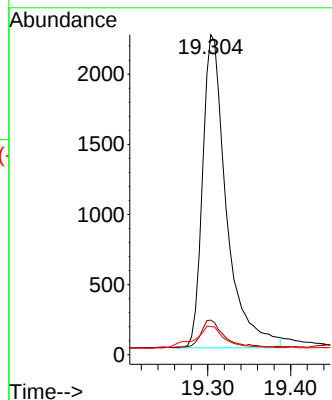
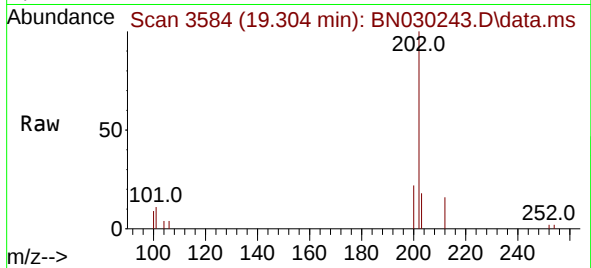




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.304 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

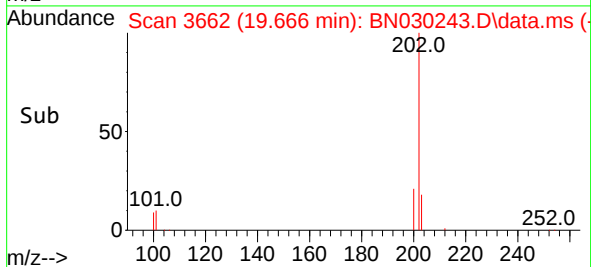
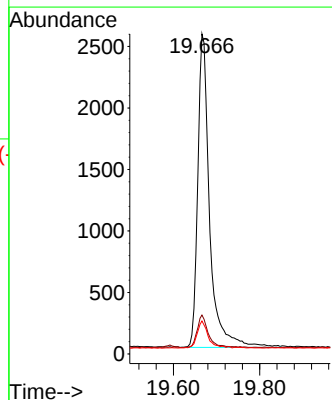
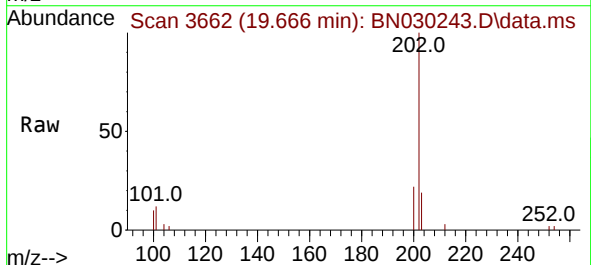
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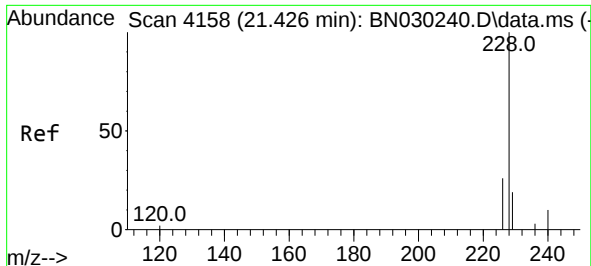
Tgt Ion:202 Resp: 4464
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.8 7.4 11.2



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.666 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

Tgt Ion:202 Resp: 4865
Ion Ratio Lower Upper
202 100
101 12.1 10.6 15.8
100 10.3 8.8 13.2

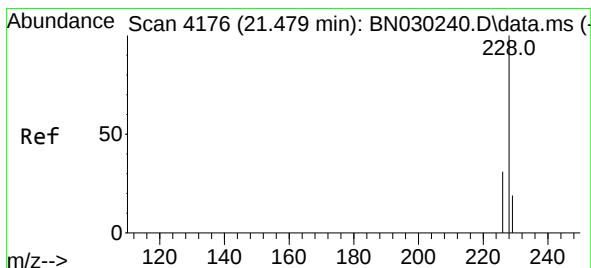
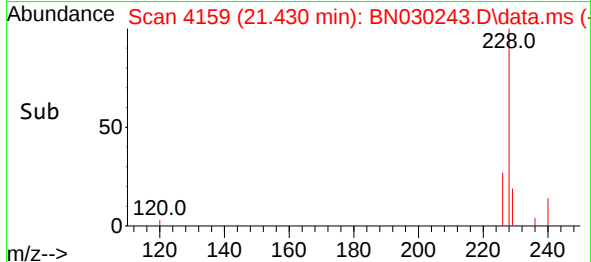
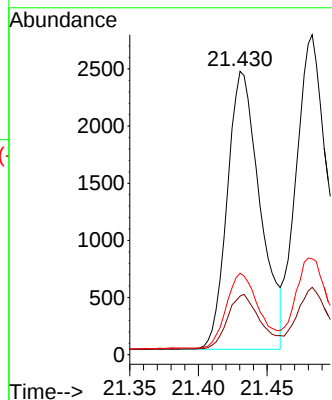
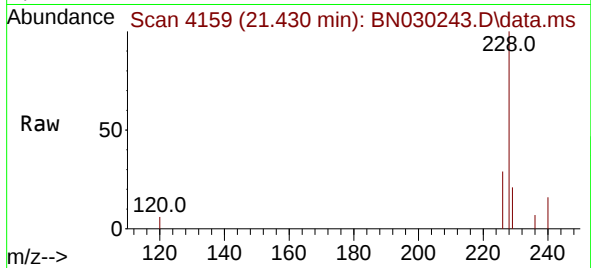




#21
Benzo(a)anthracene
Concen: 0.425 ng/ul
RT: 21.430 min Scan# 4158
Delta R.T. 0.004 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

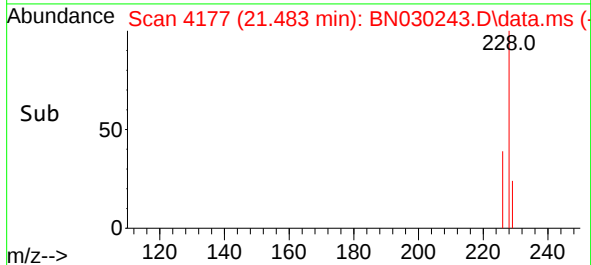
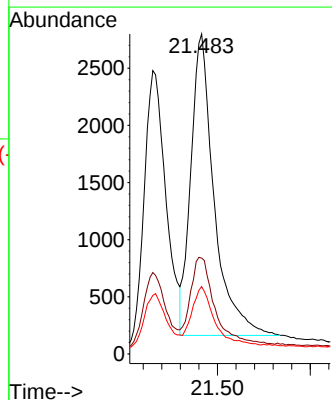
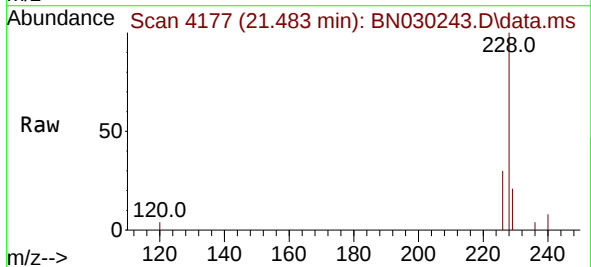
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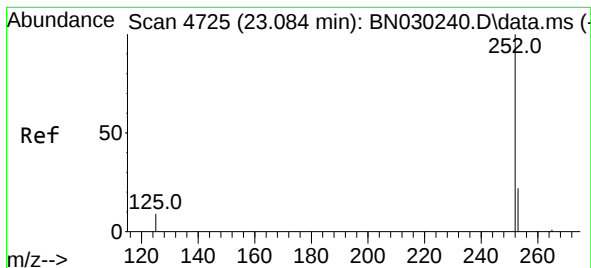
Tgt Ion:228 Resp: 4052
Ion Ratio Lower Upper
228 100
229 20.7 16.6 24.8
226 28.8 23.7 35.5



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.483 min Scan# 4177
Delta R.T. 0.004 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

Tgt Ion:228 Resp: 4596
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 21.0 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 0.408 ng/ul

RT: 23.084 min Scan# 4725

Delta R.T. 0.001 min

Lab File: BN030243.D

Acq: 04 Mar 2024 06:48

Instrument :

BNA_N

ClientSampleId :

SLCS151

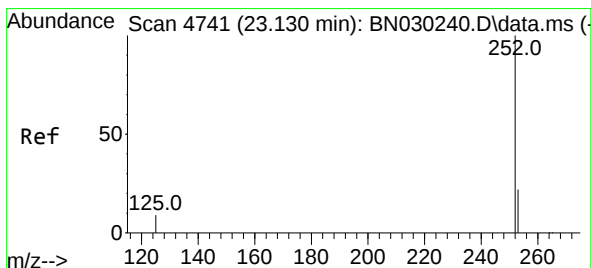
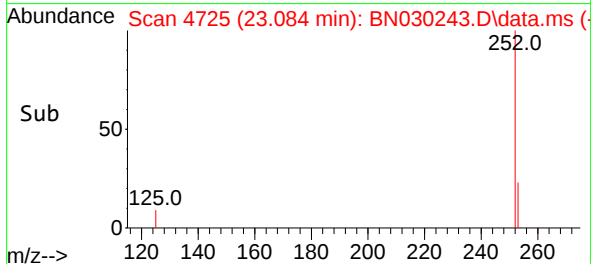
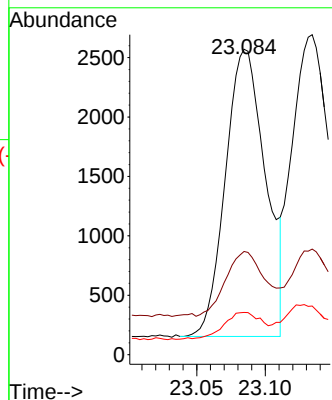
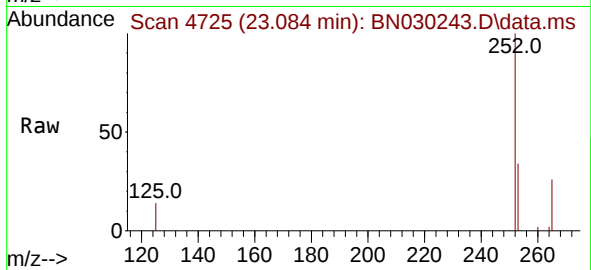
Tgt Ion:252 Resp: 4923

Ion Ratio Lower Upper

252 100

253 33.8 0.0 69.4

125 13.8 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.392 ng/ul

RT: 23.134 min Scan# 4742

Delta R.T. 0.004 min

Lab File: BN030243.D

Acq: 04 Mar 2024 06:48

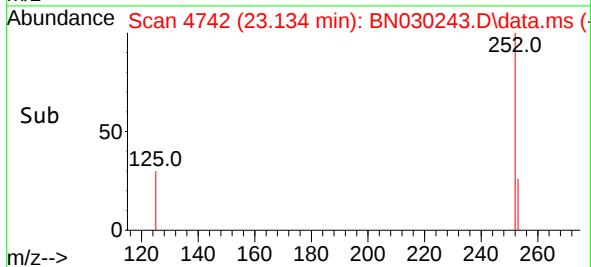
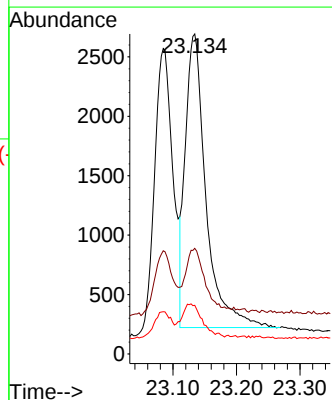
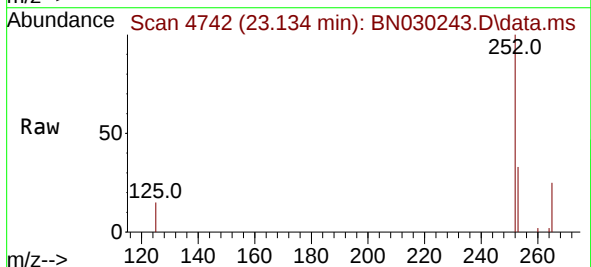
Tgt Ion:252 Resp: 5586

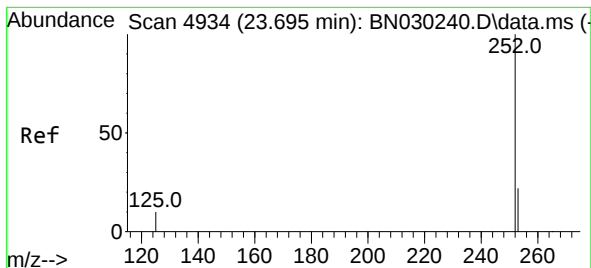
Ion Ratio Lower Upper

252 100

253 33.0 28.0 42.0

125 15.2 14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.397 ng/ul

RT: 23.696 min Scan# 4934

Delta R.T. 0.001 min

Lab File: BN030243.D

Acq: 04 Mar 2024 06:48

Instrument :

BN030243.D

ClientSampleId :

SLCS151

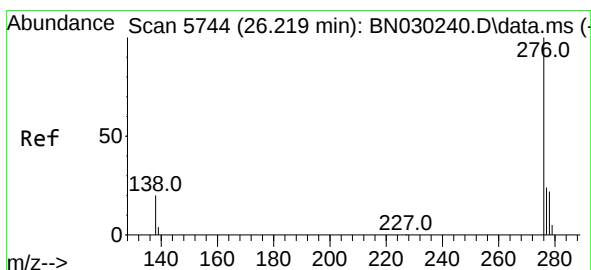
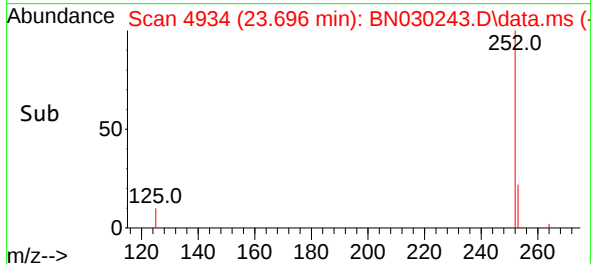
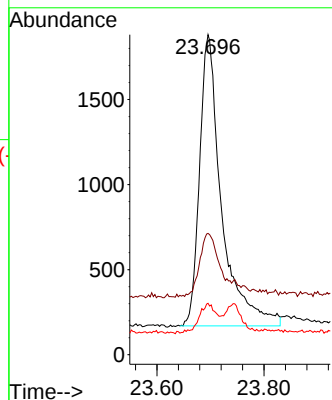
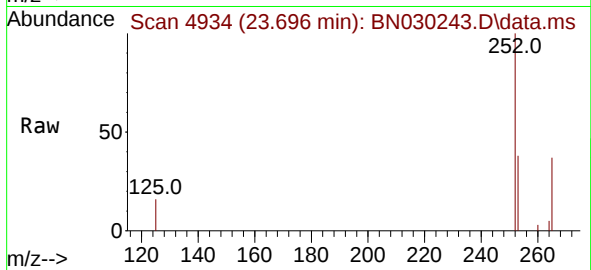
Tgt Ion:252 Resp: 4875

Ion Ratio Lower Upper

252 100

253 37.9 33.0 49.4

125 16.1 16.9 25.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.408 ng/ul

RT: 26.226 min Scan# 5746

Delta R.T. 0.008 min

Lab File: BN030243.D

Acq: 04 Mar 2024 06:48

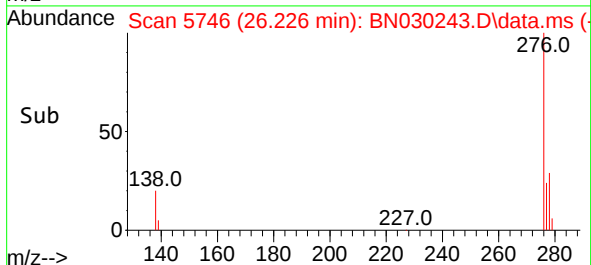
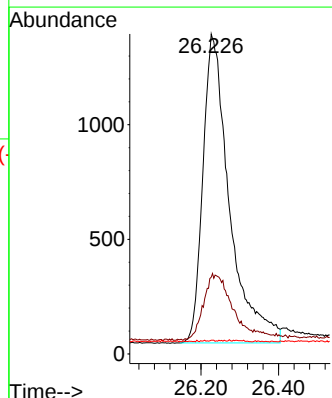
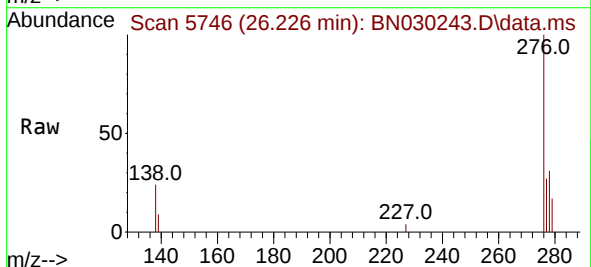
Tgt Ion:276 Resp: 6405

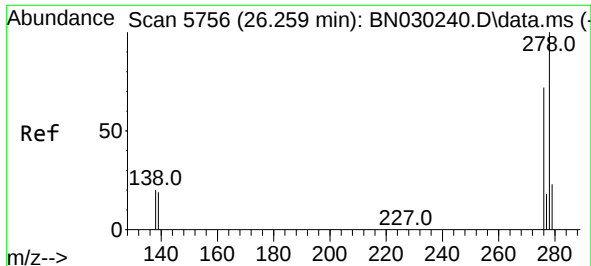
Ion Ratio Lower Upper

276 100

138 24.4 20.9 31.3

227 0.1 0.1 0.1#

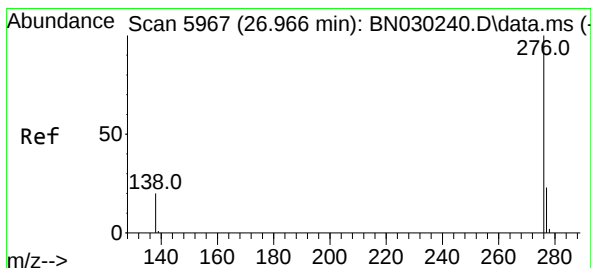
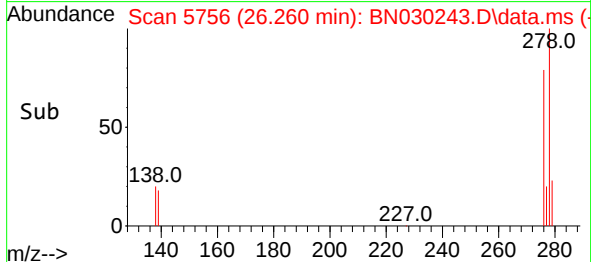
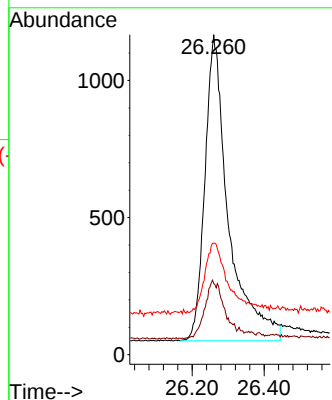
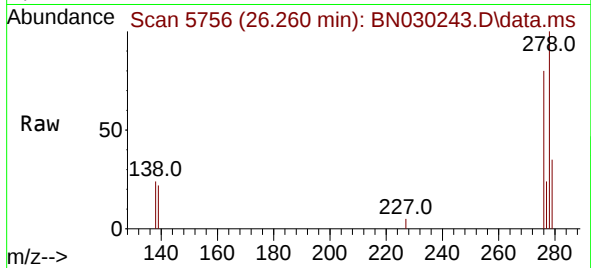




#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 26.260 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

Instrument :
BNA_N
ClientSampleId :
SLCS151

Tgt Ion:278 Resp: 5058
Ion Ratio Lower Upper
278 100
139 22.2 18.9 28.3
279 34.9 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.967 min Scan# 5967
Delta R.T. 0.001 min
Lab File: BN030243.D
Acq: 04 Mar 2024 06:48

Tgt Ion:276 Resp: 5696
Ion Ratio Lower Upper
276 100
138 23.9 22.6 33.8
277 26.4 21.9 32.9

