

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100423\
 Data File : BN028038.D
 Acq On : 04 Oct 2023 16:55
 Operator : MA/JU
 Sample : PB155830BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS830

Quant Time: Oct 05 02:05:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

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

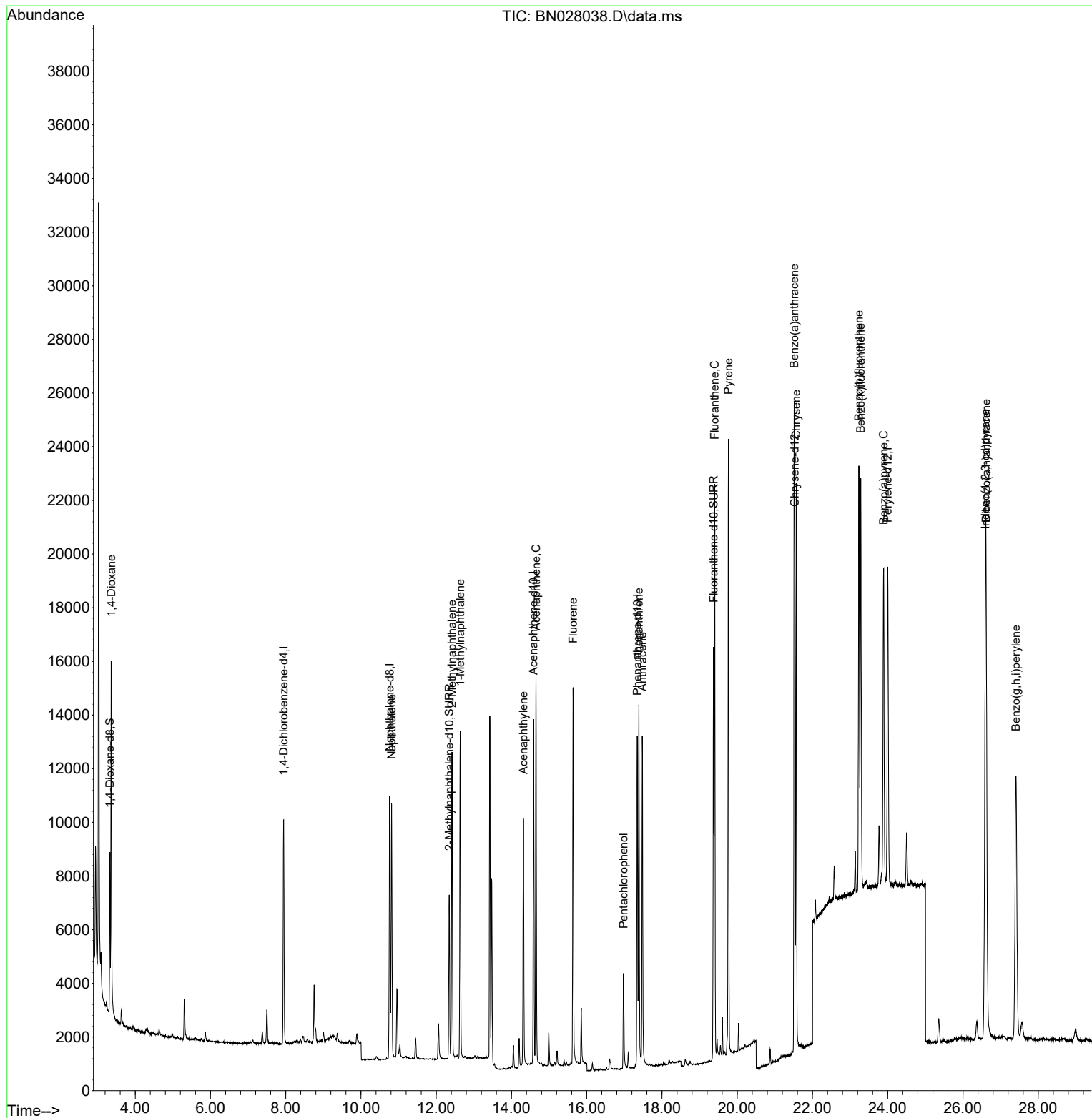
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	4368	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	13531	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	7186	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	15104	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	14968	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	17400	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	3726	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	8139	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	17147	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	8858	1.525	ng/ul	92
5) Naphthalene	10.812	128	12872	0.335	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	7986	0.329	ng/ul	100
8) 1-Methylnaphthalene	12.638	142	8374	0.334	ng/ul	100
10) Acenaphthylene	14.314	152	11881	0.364	ng/ul	99
11) Acenaphthene	14.652	153	8640	0.333	ng/ul	100
12) Fluorene	15.637	166	9534	0.330	ng/ul	98
14) Pentachlorophenol	16.978	266	2633	0.813	ng/ul	99
15) Phenanthrene	17.384	178	15226	0.338	ng/ul	99
16) Anthracene	17.477	178	13881	0.345	ng/ul	99
19) Fluoranthene	19.399	202	18197	0.318	ng/ul	98
20) Pyrene	19.766	202	19338	0.326	ng/ul	99
21) Benzo(a)anthracene	21.513	228	19287	0.353	ng/ul	99
22) Chrysene	21.568	228	19033	0.345	ng/ul	99
24) Benzo(b)fluoranthene	23.234	252	21596	0.335	ng/ul	94
25) Benzo(k)fluoranthene	23.281	252	21584	0.336	ng/ul#	94
26) Benzo(a)pyrene	23.889	252	18998	0.345	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.596	276	26447	0.397	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.616	278	21592	0.399	ng/ul	96
29) Benzo(g,h,i)perylene	27.407	276	22219	0.408	ng/ul	96

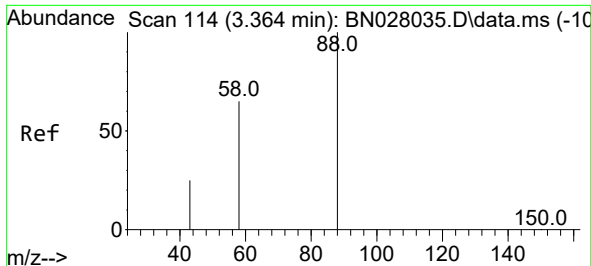
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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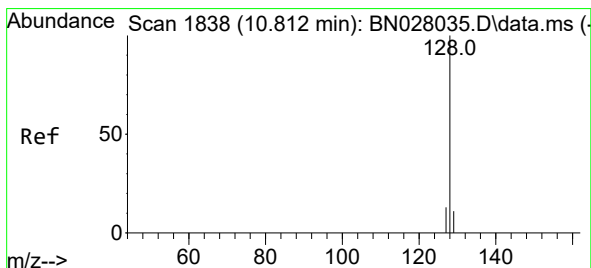
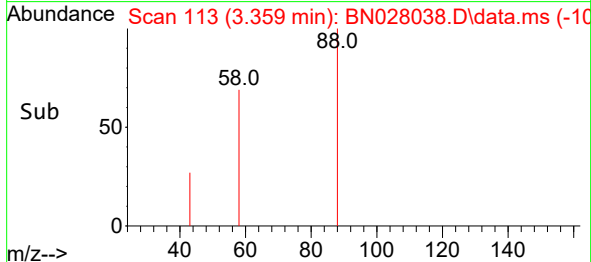
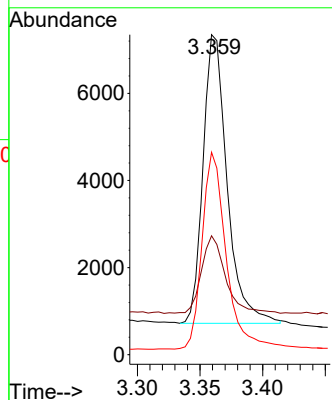
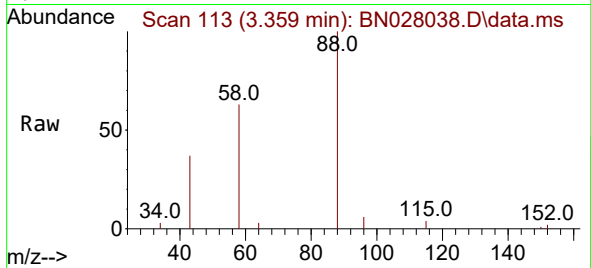




#2
1,4-Dioxane
Concen: 1.525 ng/ul
RT: 3.359 min Scan# 114
Delta R.T. -0.004 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

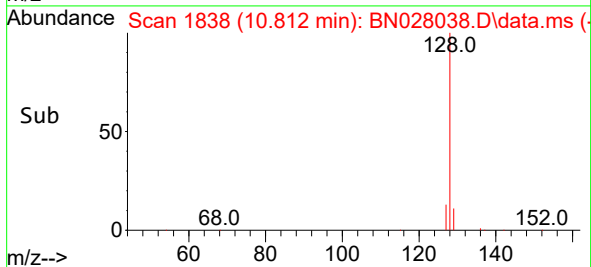
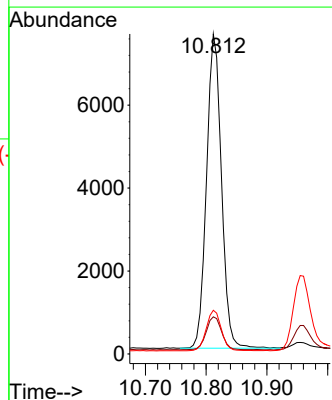
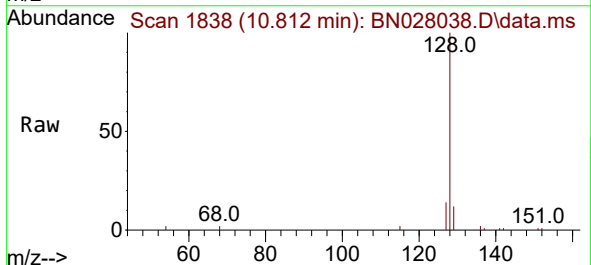
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BNA_N
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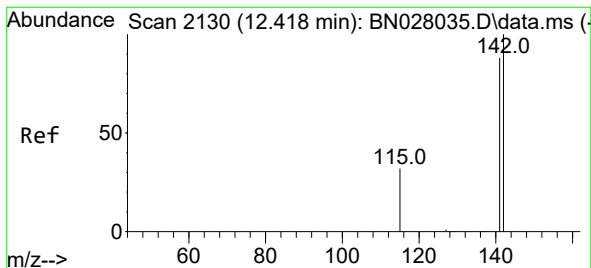
Tgt Ion: 88 Resp: 8858
Ion Ratio Lower Upper
88 100
43 37.2 33.4 50.2
58 63.2 45.7 68.5



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.812 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

Tgt Ion:128 Resp: 12872
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.7 11.0 16.4

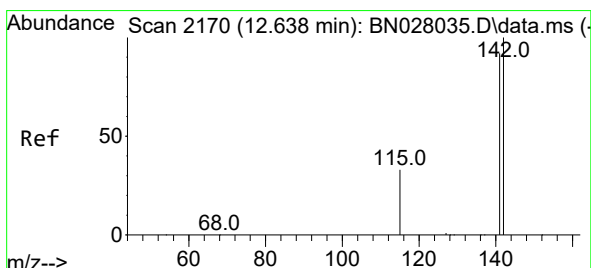
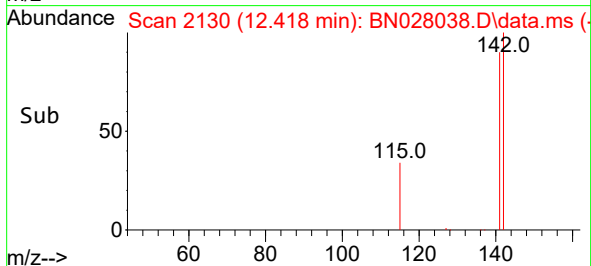
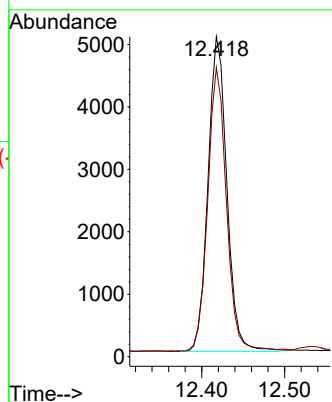
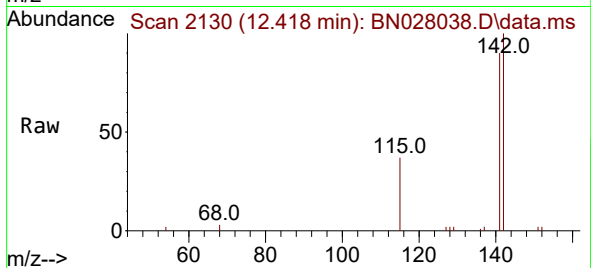




#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

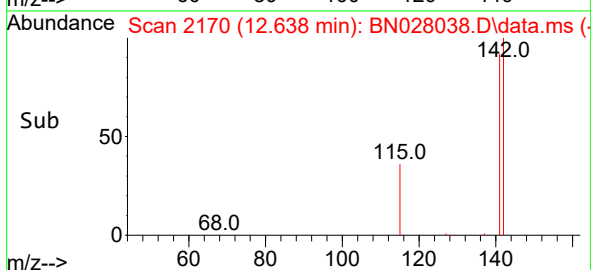
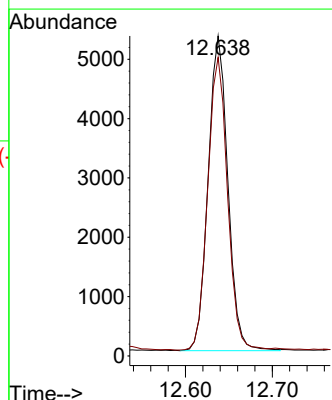
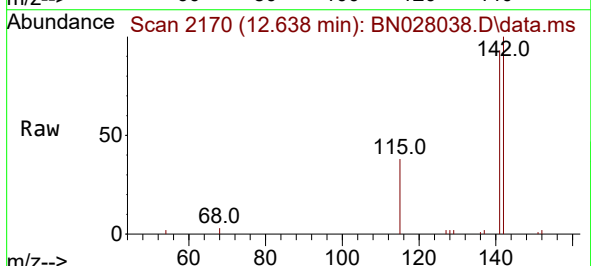
Instrument :
BNA_N
ClientSampleId :
SLCS830

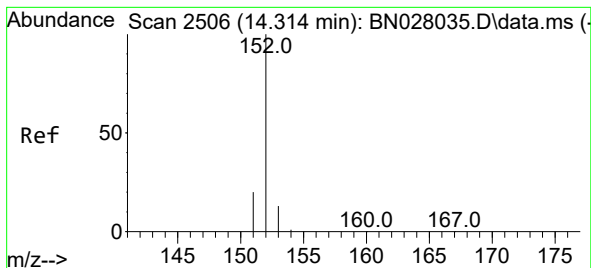
Tgt Ion:142 Resp: 7986
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.638 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

Tgt Ion:142 Resp: 8374
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6





#10

Acenaphthylene

Concen: 0.364 ng/ul

RT: 14.314 min Scan# 2506

Delta R.T. -0.005 min

Lab File: BN028038.D

Acq: 04 Oct 2023 16:55

Instrument :

BNA_N

ClientSampleId :

SLCS830

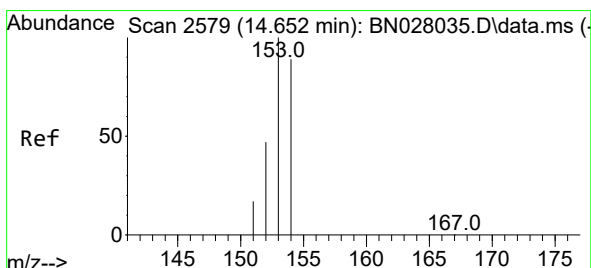
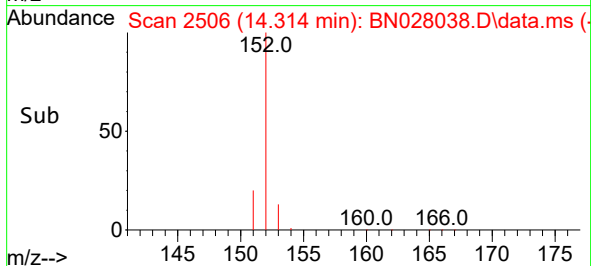
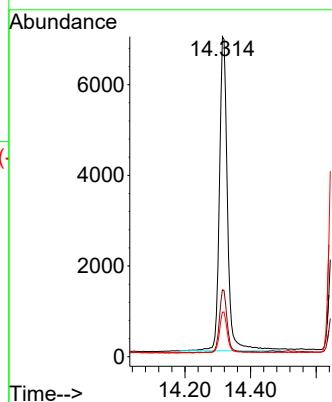
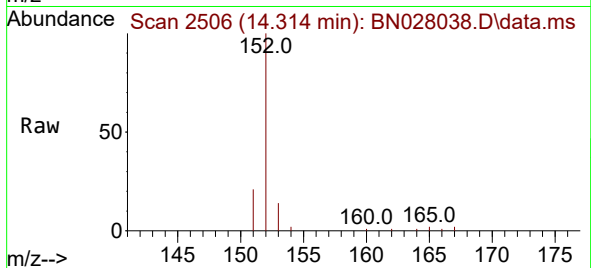
Tgt Ion:152 Resp: 11881

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 13.9 10.9 16.3



#11

Acenaphthene

Concen: 0.333 ng/ul

RT: 14.652 min Scan# 2579

Delta R.T. -0.005 min

Lab File: BN028038.D

Acq: 04 Oct 2023 16:55

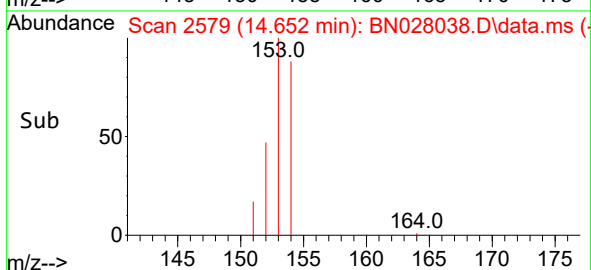
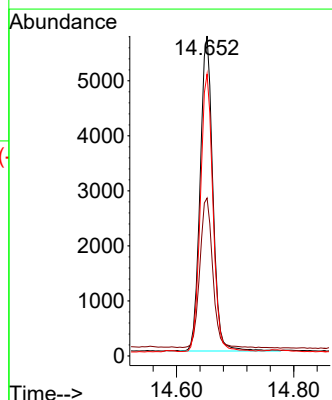
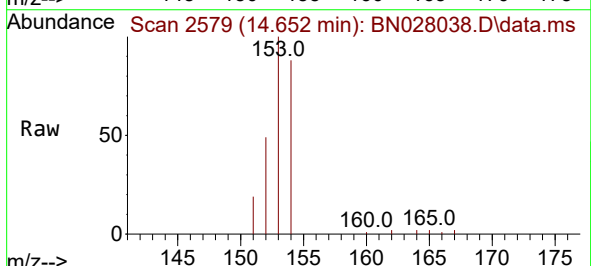
Tgt Ion:153 Resp: 8640

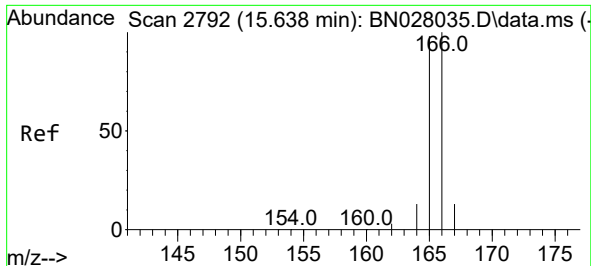
Ion Ratio Lower Upper

153 100

152 49.4 39.4 59.0

154 88.1 70.2 105.4

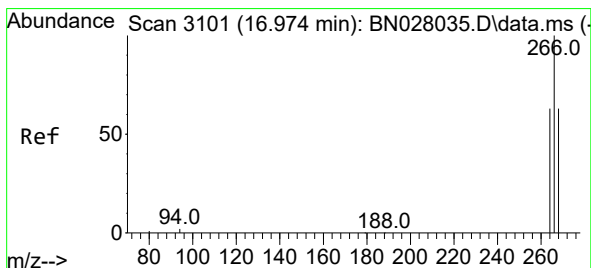
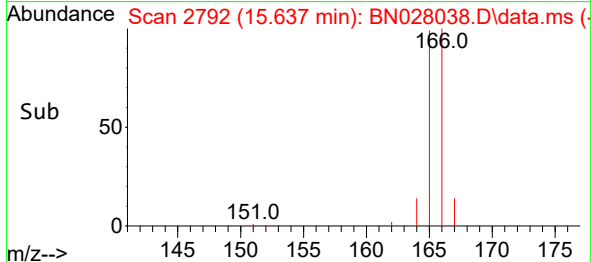
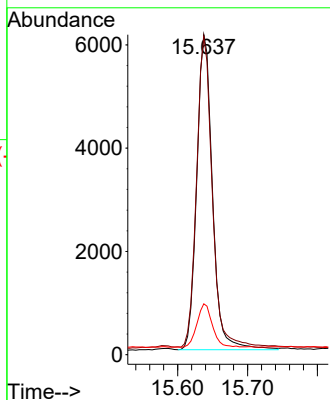
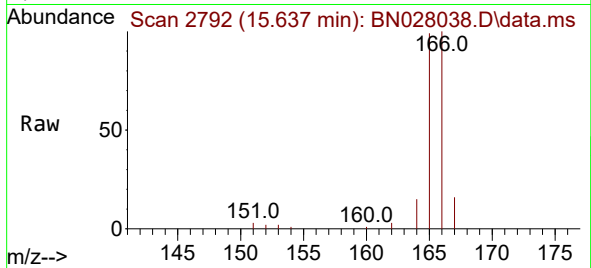




#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.637 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

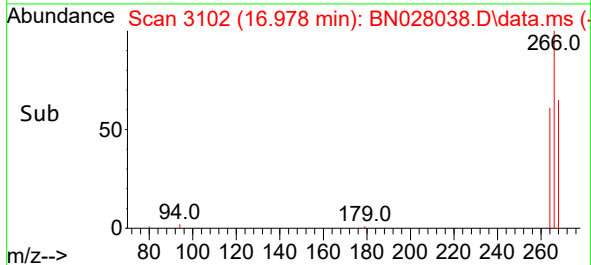
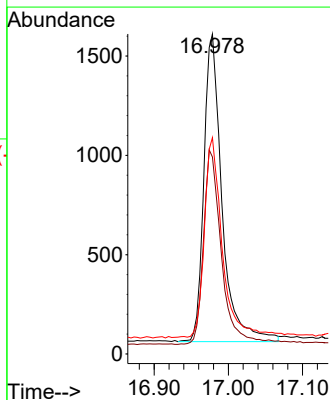
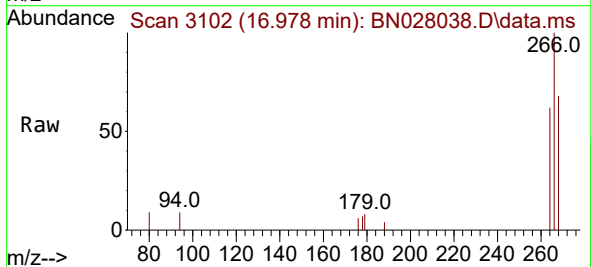
Instrument :
BNA_N
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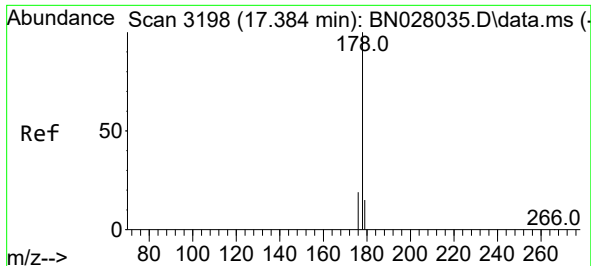
Tgt Ion:166 Resp: 9534
Ion Ratio Lower Upper
166 100
165 99.5 78.5 117.7
167 15.9 11.2 16.8



#14
Pentachlorophenol
Concen: 0.813 ng/ul
RT: 16.978 min Scan# 3102
Delta R.T. -0.008 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

Tgt Ion:266 Resp: 2633
Ion Ratio Lower Upper
266 100
264 62.1 49.6 74.4
268 64.1 52.2 78.4

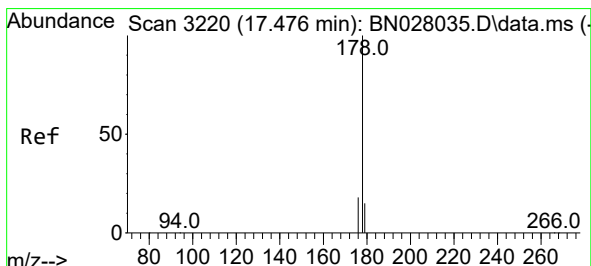
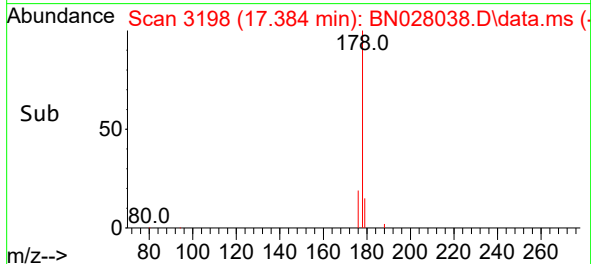
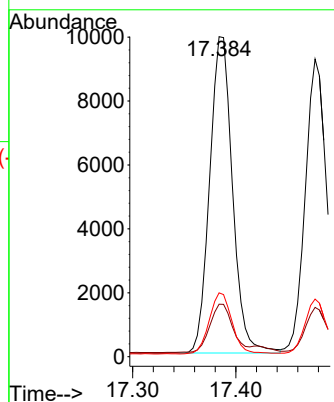
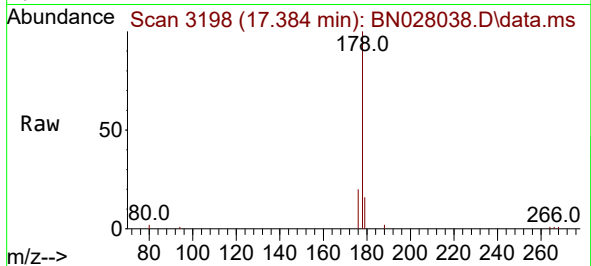




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.384 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

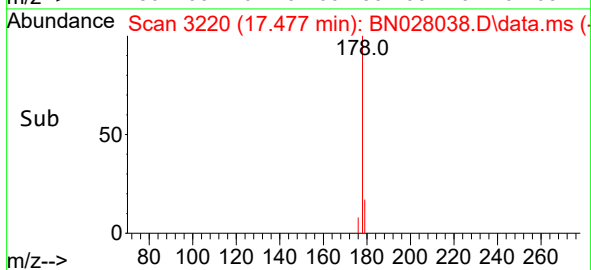
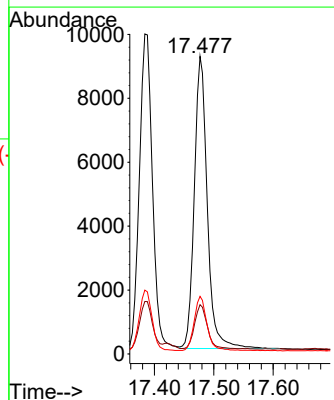
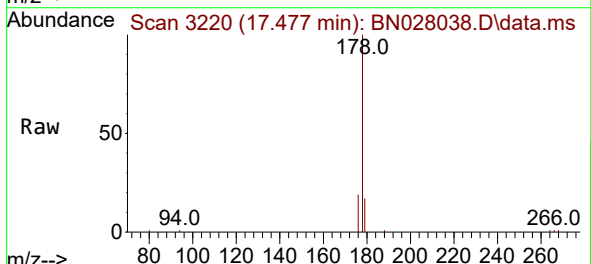
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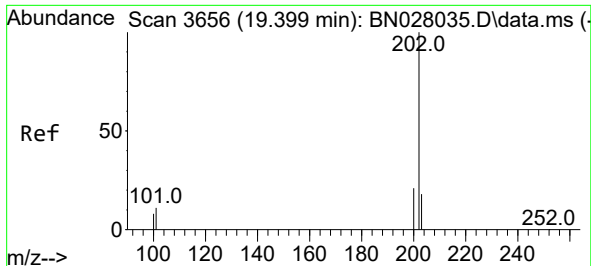
Tgt Ion:178 Resp: 15226
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.0 15.5 23.3



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.477 min Scan# 3220
Delta R.T. -0.004 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

Tgt Ion:178 Resp: 13881
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 19.4 15.0 22.6

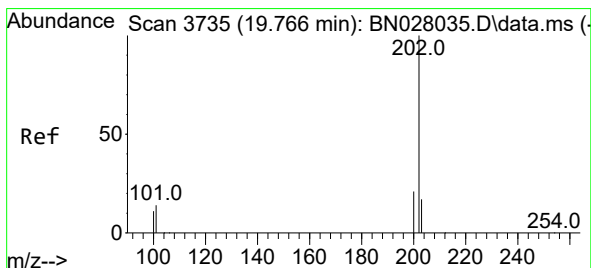
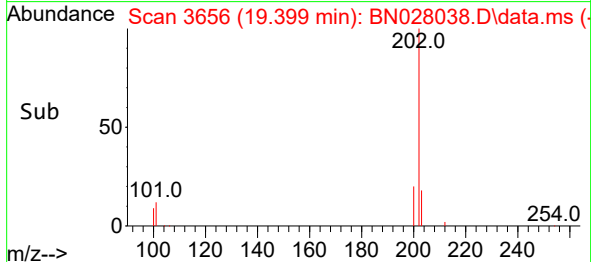
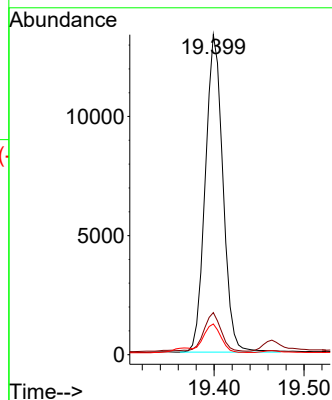
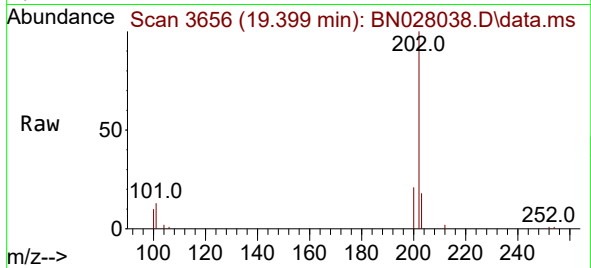




#19
Fluoranthene
Concen: 0.318 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

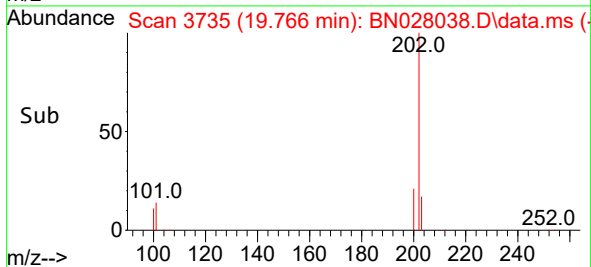
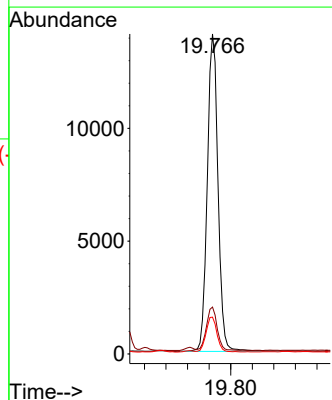
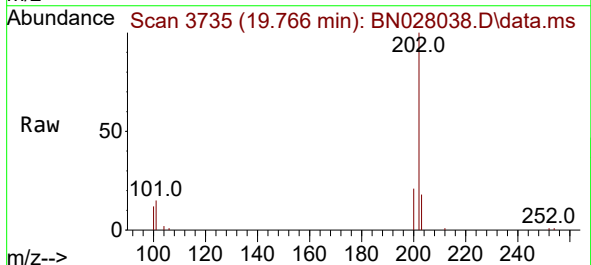
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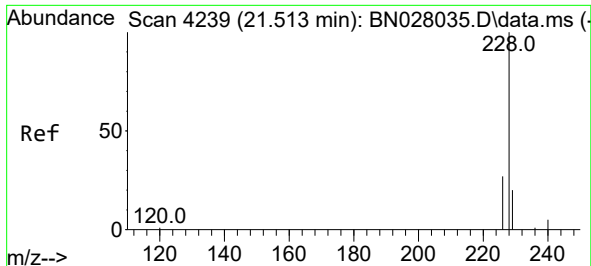
Tgt Ion:202 Resp: 18197
Ion Ratio Lower Upper
202 100
101 13.1 9.6 14.4
100 9.6 7.4 11.0



#20
Pyrene
Concen: 0.326 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. -0.004 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

Tgt Ion:202 Resp: 19338
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
100 11.5 9.1 13.7

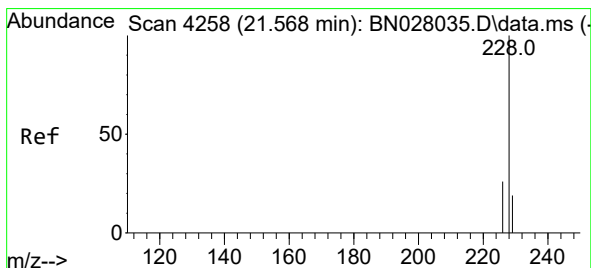
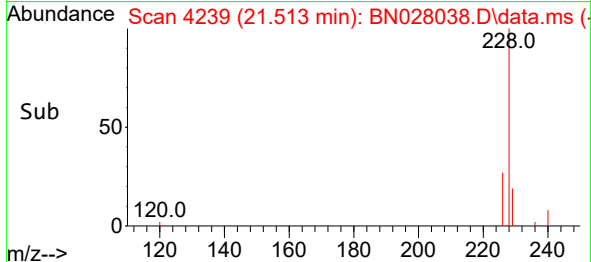
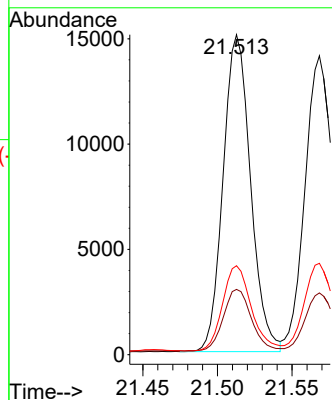
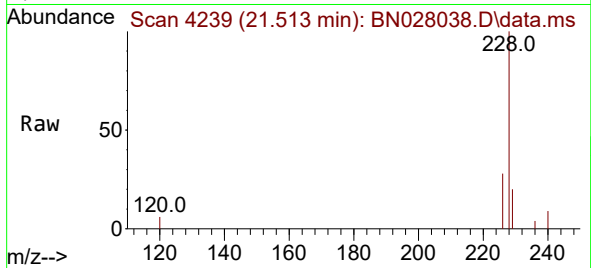




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.513 min Scan# 4239
Delta R.T. -0.006 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

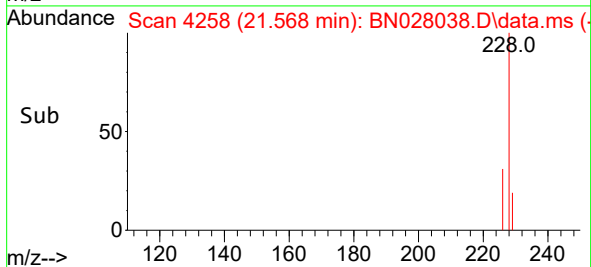
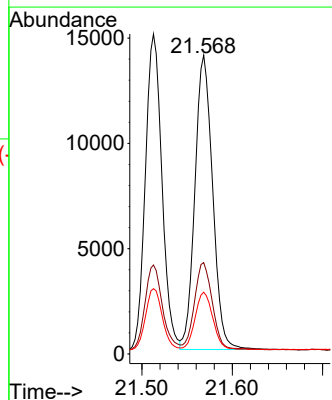
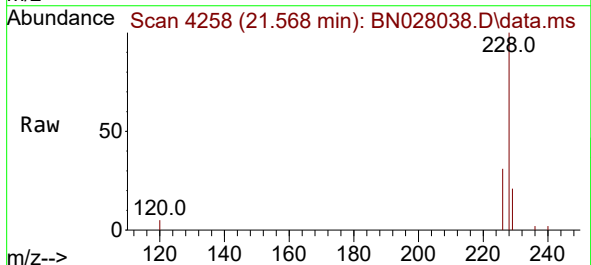
Instrument :
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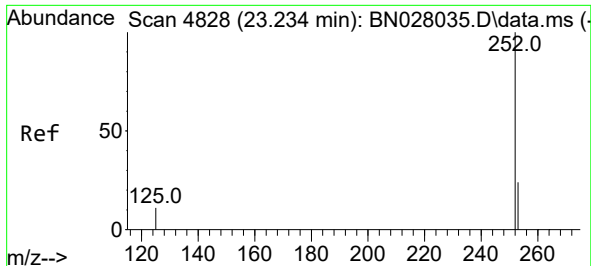
Tgt Ion:228 Resp: 19287
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.8 21.5 32.3



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.568 min Scan# 4258
Delta R.T. -0.006 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

Tgt Ion:228 Resp: 19033
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 20.6 16.0 24.0

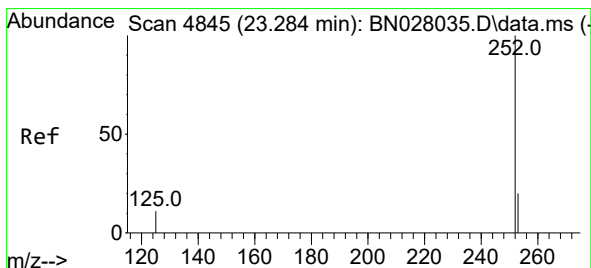
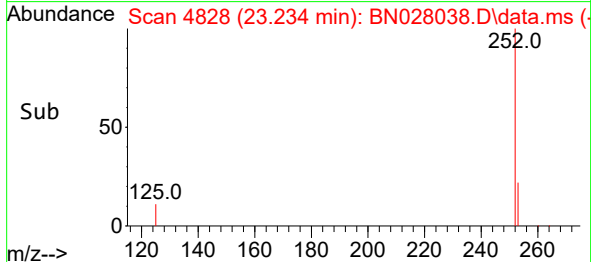
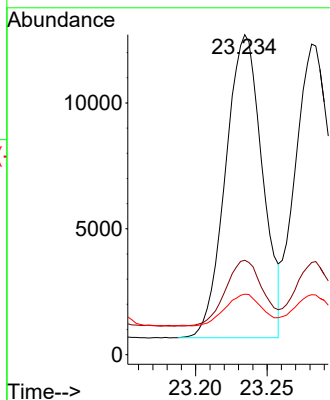
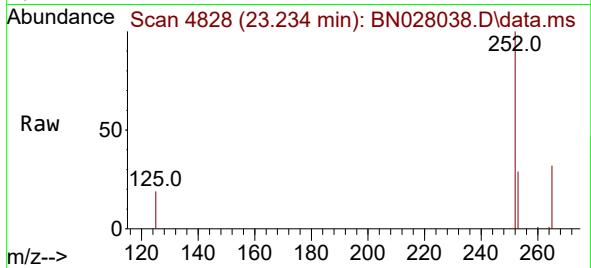




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 23.234 min Scan# 4828
Delta R.T. -0.006 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

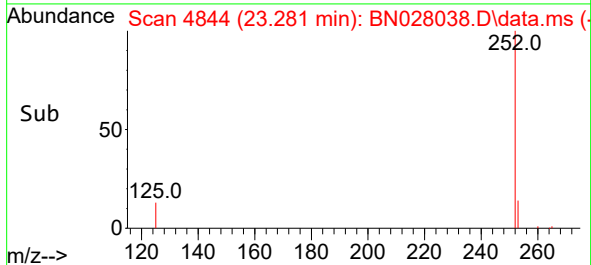
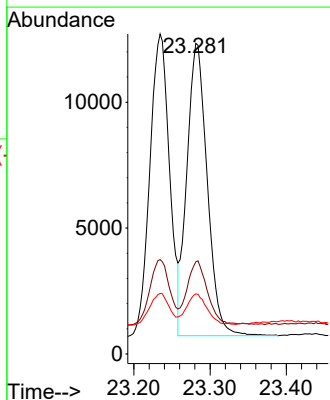
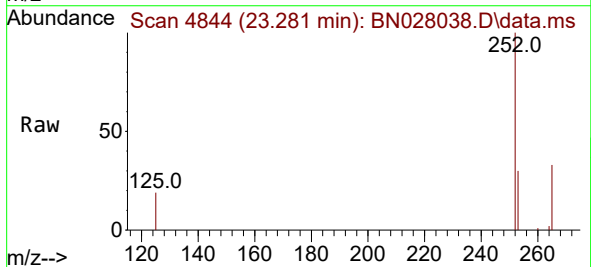
Instrument :
BNA_N
ClientSampleId :
SLCS830

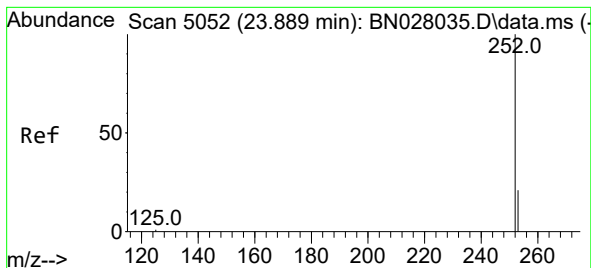
Tgt Ion:252 Resp: 21596
Ion Ratio Lower Upper
252 100
253 29.5 0.0 54.0
125 18.9 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.281 min Scan# 4844
Delta R.T. -0.009 min
Lab File: BN028038.D
Acq: 04 Oct 2023 16:55

Tgt Ion:252 Resp: 21584
Ion Ratio Lower Upper
252 100
253 29.7 21.8 32.8
125 19.3 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.345 ng/ul

RT: 23.889 min Scan# 5052

Delta R.T. -0.006 min

Lab File: BN028038.D

Acq: 04 Oct 2023 16:55

Instrument :

BNA_N

ClientSampleId :

SLCS830

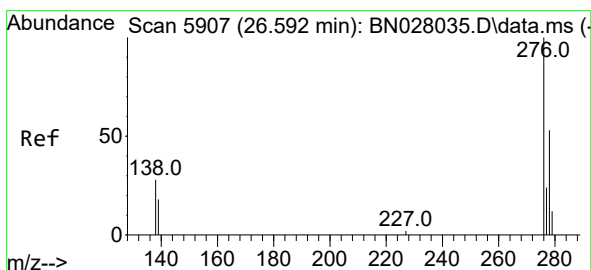
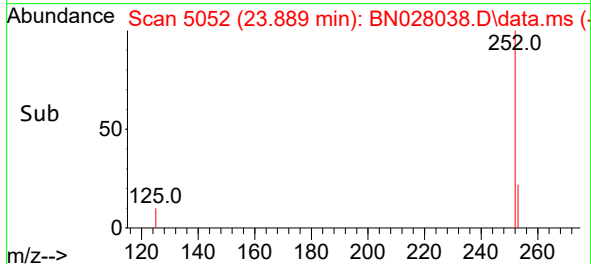
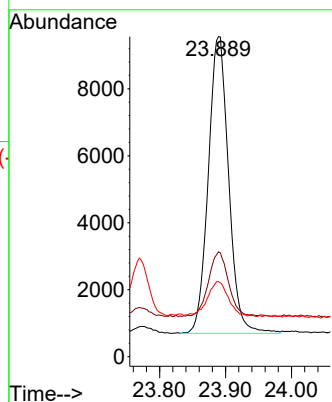
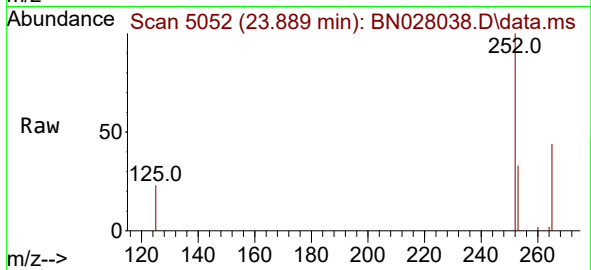
Tgt Ion:252 Resp: 18998

Ion Ratio Lower Upper

252 100

253 32.7 23.4 35.2

125 23.5 15.3 22.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.397 ng/ul

RT: 26.596 min Scan# 5908

Delta R.T. -0.007 min

Lab File: BN028038.D

Acq: 04 Oct 2023 16:55

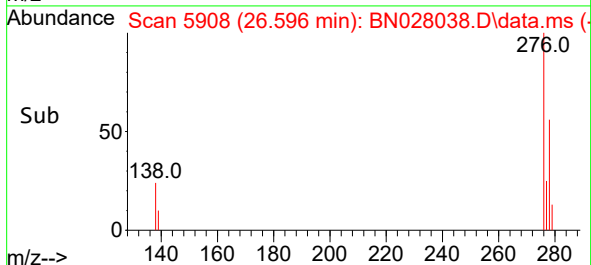
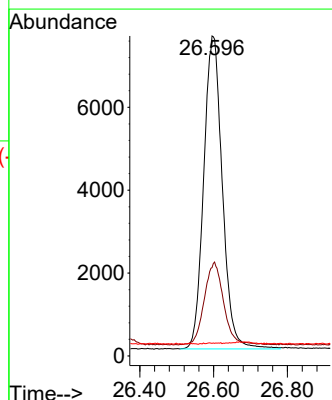
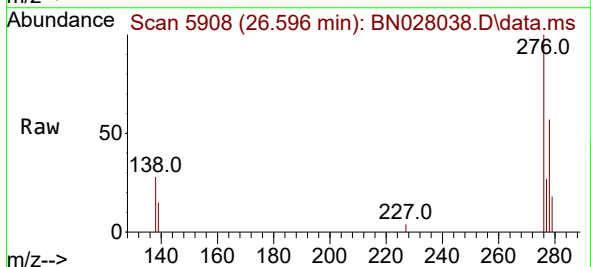
Tgt Ion:276 Resp: 26447

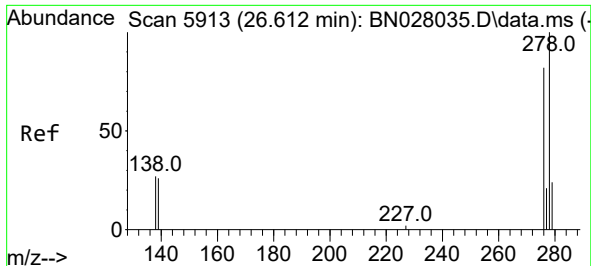
Ion Ratio Lower Upper

276 100

138 27.4 21.6 32.4

227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.399 ng/ul

RT: 26.616 min Scan# 5913

Delta R.T. -0.003 min

Lab File: BN028038.D

Acq: 04 Oct 2023 16:55

Instrument :

BNA_N

ClientSampleId :

SLCS830

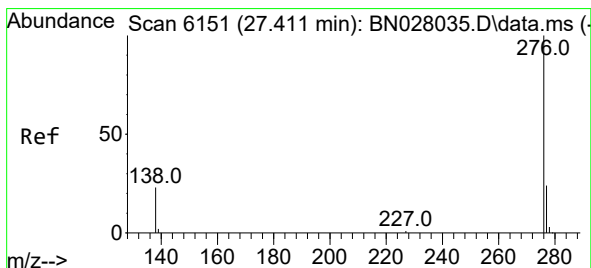
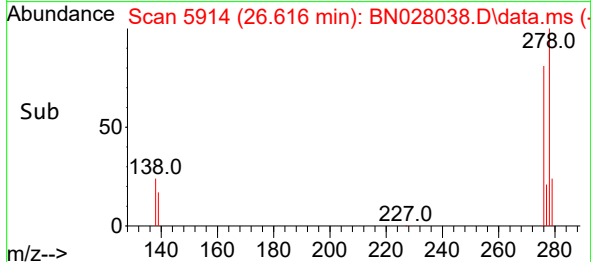
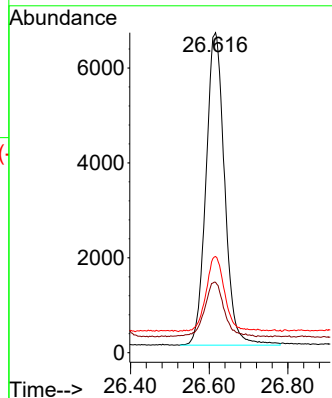
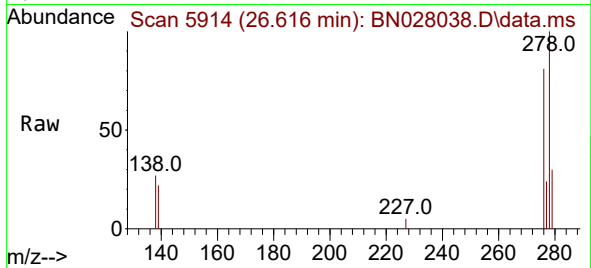
Tgt Ion:278 Resp: 21592

Ion Ratio Lower Upper

278 100

139 22.0 15.9 23.9

279 30.1 22.8 34.2



#29

Benzo(g,h,i)perylene

Concen: 0.408 ng/ul

RT: 27.407 min Scan# 6150

Delta R.T. -0.013 min

Lab File: BN028038.D

Acq: 04 Oct 2023 16:55

Tgt Ion:276 Resp: 22219

Ion Ratio Lower Upper

276 100

138 27.9 19.8 29.6

277 26.5 20.6 31.0

