

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028563.D
 Acq On : 10 Nov 2023 18:33
 Operator : MA/JU
 Sample : PB156718BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS718

Quant Time: Nov 10 23:28:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

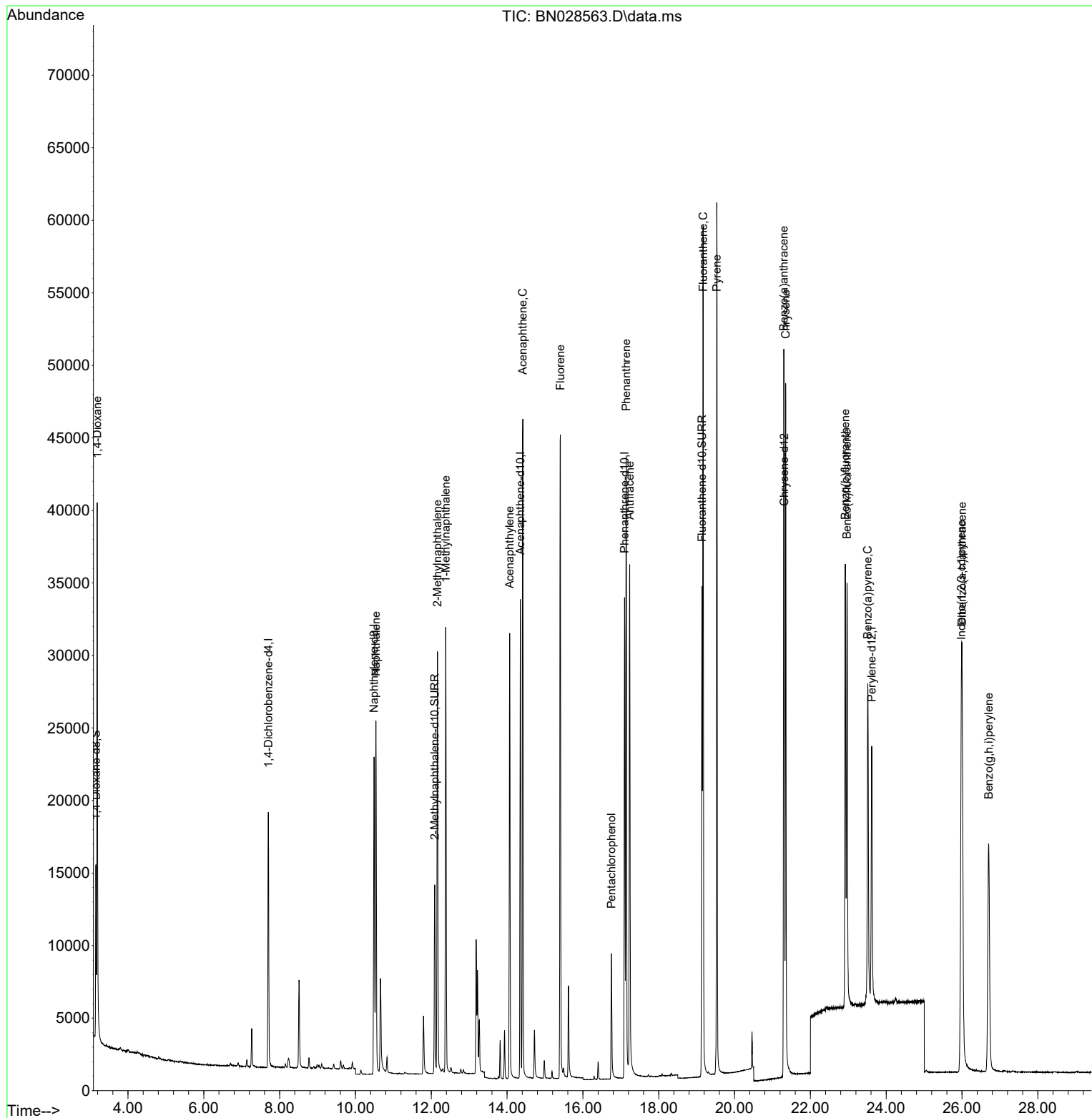
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	9411	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	29962	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	18031	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	38772	0.400	ng/ul	0.00
17) Chrysene-d12	21.314	240	24951	0.400	ng/ul	0.00
23) Perylene-d12	23.617	264	24078	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	7478	0.719	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	17138	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	37120	0.462	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.189	88	23362	2.032	ng/ul#	79
5) Naphthalene	10.540	128	32279	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	21238	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	21012	0.374	ng/ul	100
10) Acenaphthylene	14.067	152	34881	0.388	ng/ul	100
11) Acenaphthene	14.414	153	25505	0.385	ng/ul	100
12) Fluorene	15.404	166	28925	0.375	ng/ul	100
14) Pentachlorophenol	16.753	266	6119	0.658	ng/ul	100
15) Phenanthrene	17.141	178	45973	0.386	ng/ul	100
16) Anthracene	17.234	178	40734	0.373	ng/ul	100
19) Fluoranthene	19.169	202	49686	0.468	ng/ul	98
20) Pyrene	19.532	202	50348	0.458	ng/ul	98
21) Benzo(a)anthracene	21.296	228	39987	0.405	ng/ul	99
22) Chrysene	21.349	228	40041	0.415	ng/ul	99
24) Benzo(b)fluoranthene	22.921	252	38080	0.421	ng/ul	99
25) Benzo(k)fluoranthene	22.965	252	39342	0.416	ng/ul	99
26) Benzo(a)pyrene	23.515	252	35232	0.413	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.982	276	42941	0.454	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.002	278	34767	0.460	ng/ul	98
29) Benzo(g,h,i)perylene	26.703	276	35654	0.459	ng/ul	99

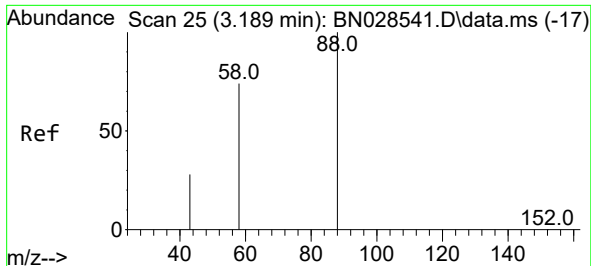
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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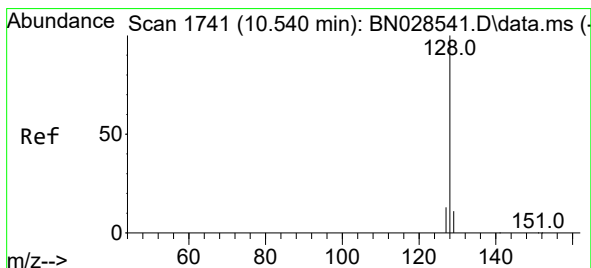
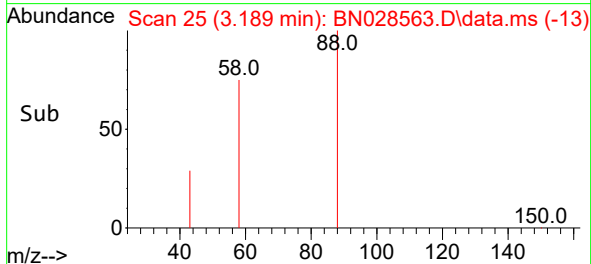
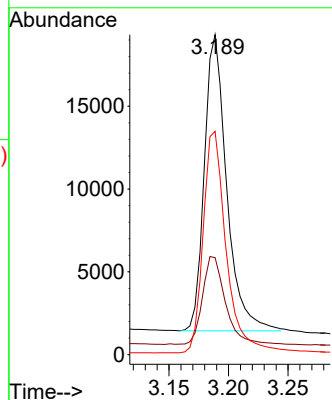
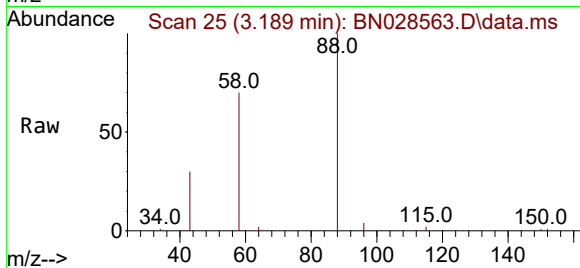




#2
1,4-Dioxane
Concen: 2.032 ng/ul
RT: 3.189 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

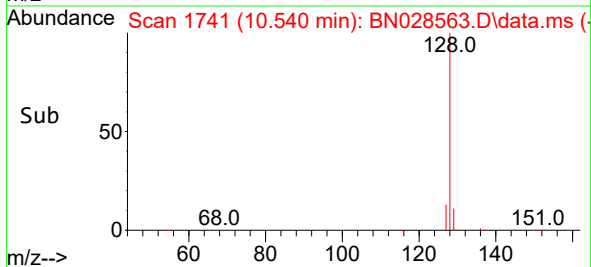
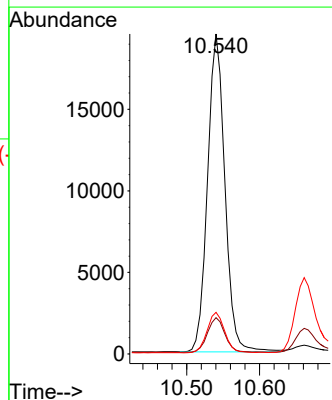
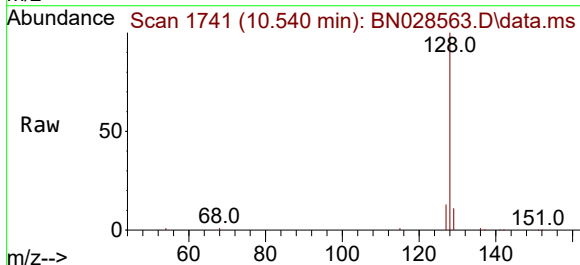
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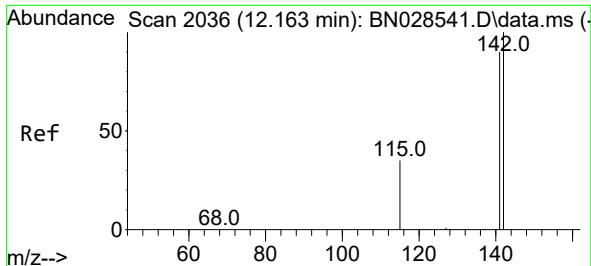
Tgt Ion: 88 Resp: 23362
Ion Ratio Lower Upper
88 100
43 30.4 32.9 49.3#
58 69.8 41.8 62.8#



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion: 128 Resp: 32279
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.7 16.1

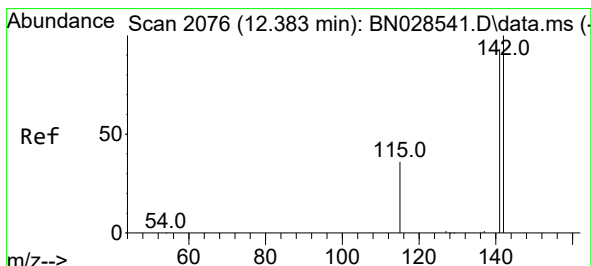
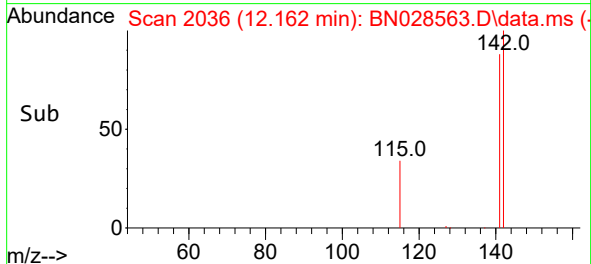
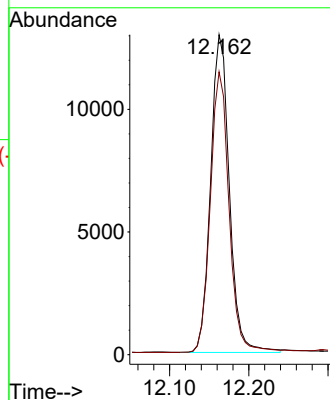
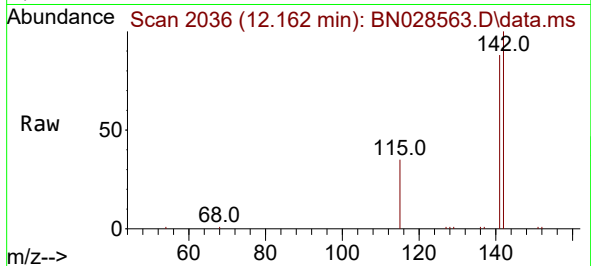




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

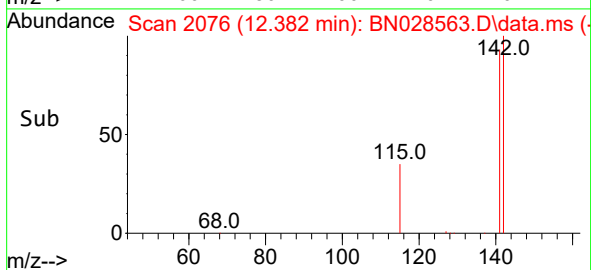
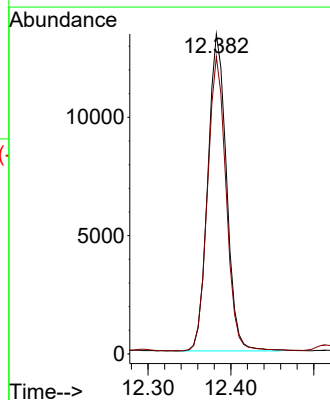
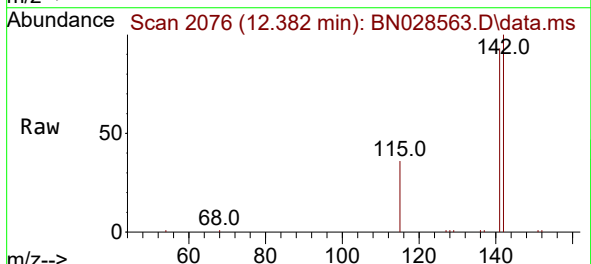
Instrument :
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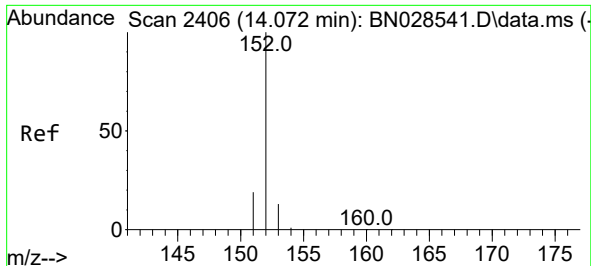
Tgt Ion:142 Resp: 21238
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:142 Resp: 21012
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1

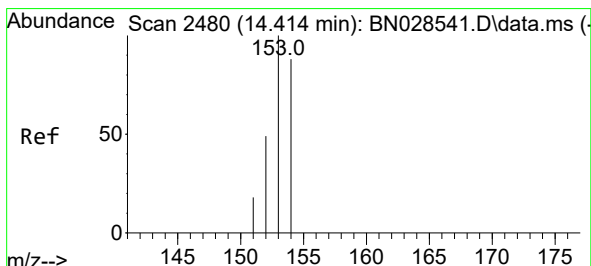
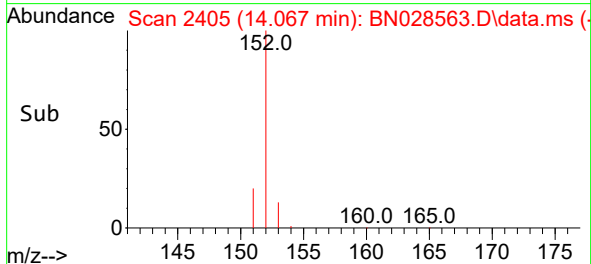
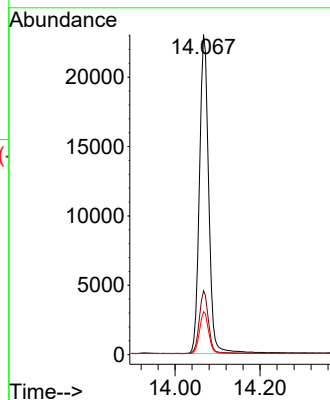
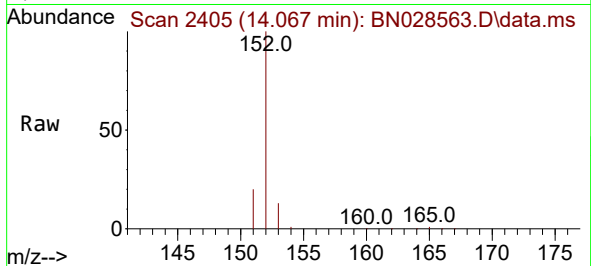




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.067 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

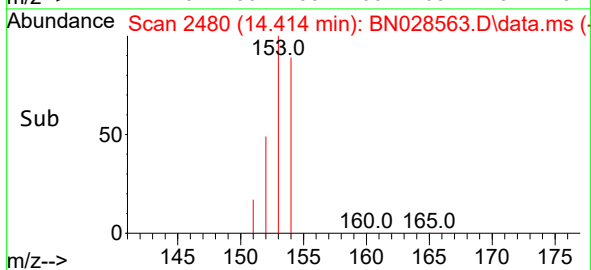
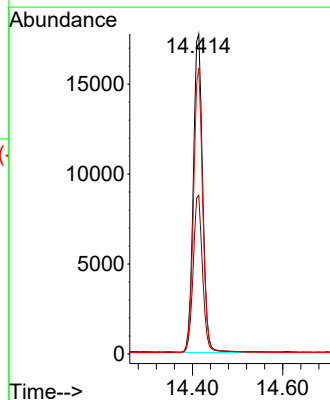
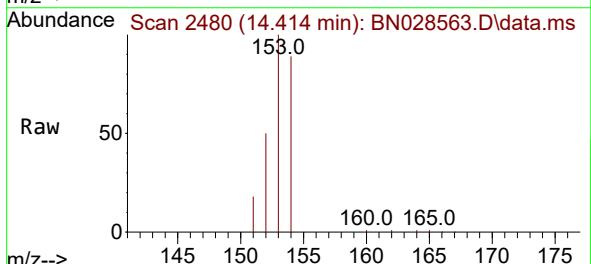
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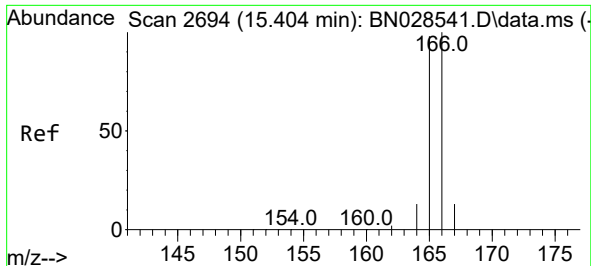
Tgt Ion:152 Resp: 34881
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.4 10.6 15.8



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:153 Resp: 25505
Ion Ratio Lower Upper
153 100
152 49.5 39.6 59.4
154 89.4 71.0 106.6

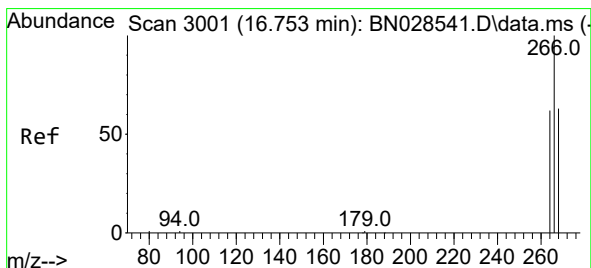
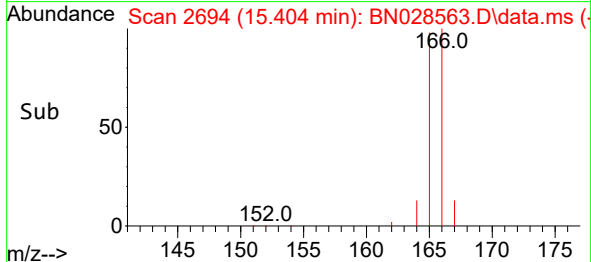
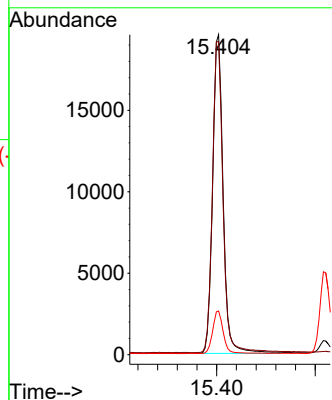
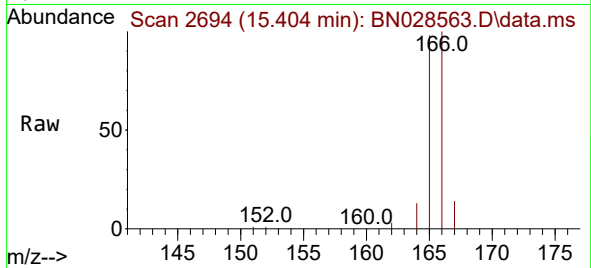




#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

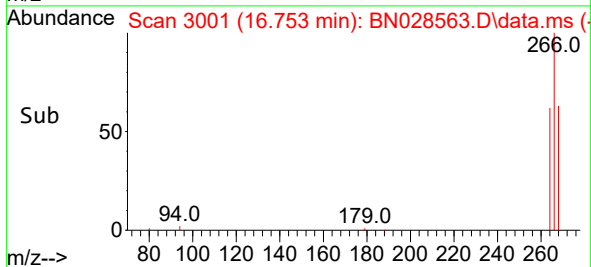
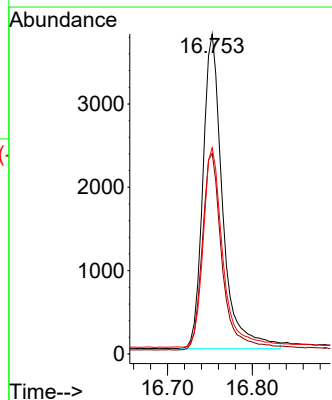
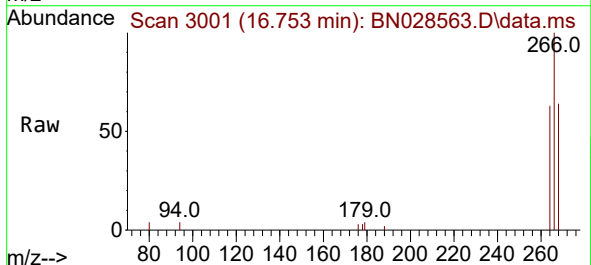
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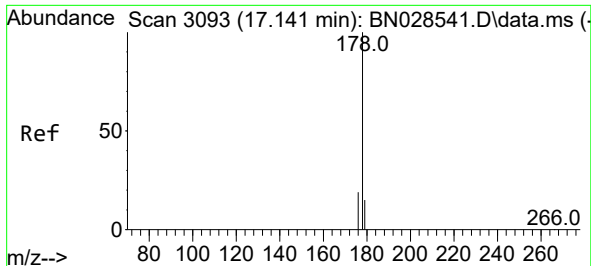
Tgt Ion:166 Resp: 28925
Ion Ratio Lower Upper
166 100
165 97.9 78.6 118.0
167 13.7 11.0 16.6



#14
Pentachlorophenol
Concen: 0.658 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:266 Resp: 6119
Ion Ratio Lower Upper
266 100
264 62.7 50.1 75.1
268 63.2 50.6 75.8

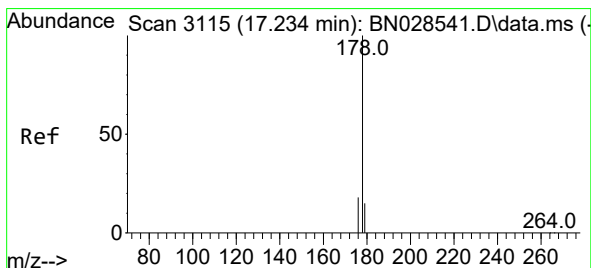
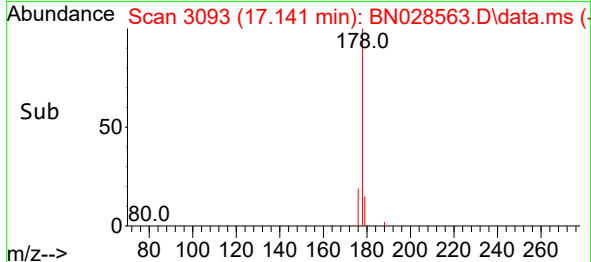
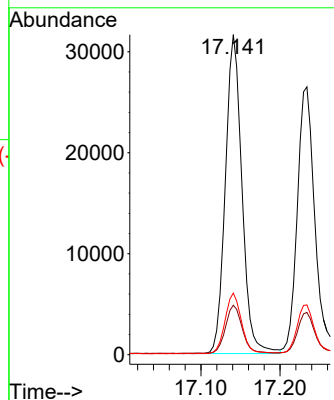
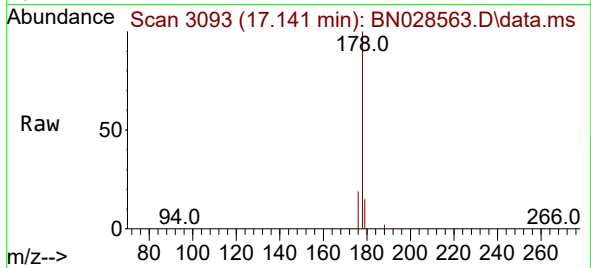




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

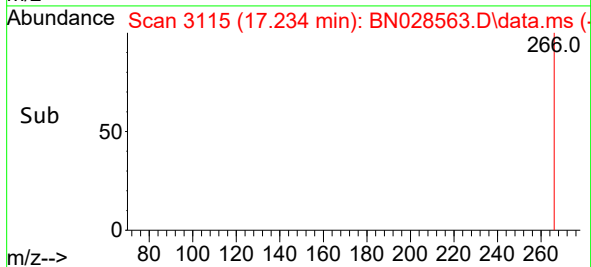
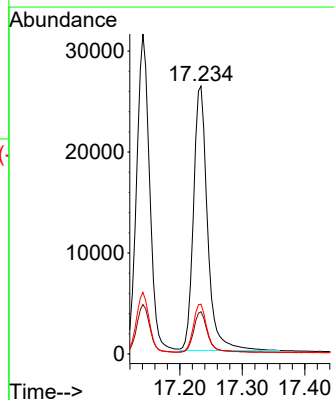
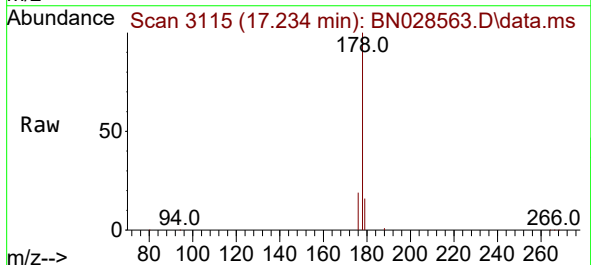
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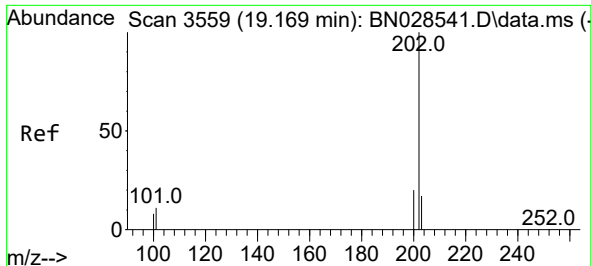
Tgt Ion:178 Resp: 45973
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:178 Resp: 40734
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.6 14.9 22.3

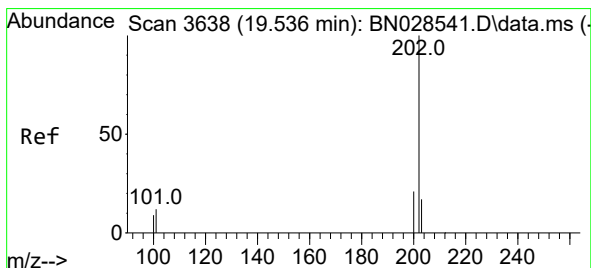
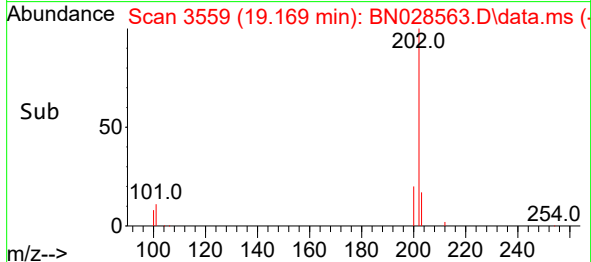
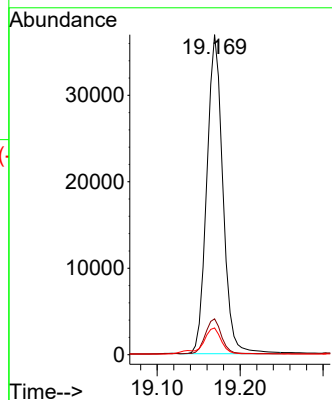
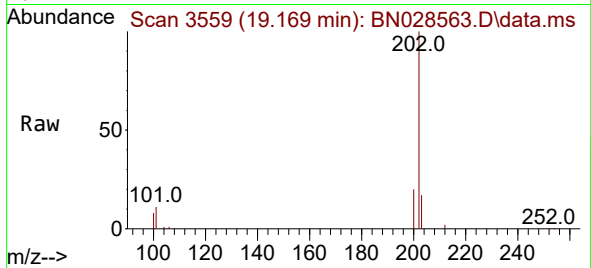




#19
Fluoranthene
Concen: 0.468 ng/ul
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

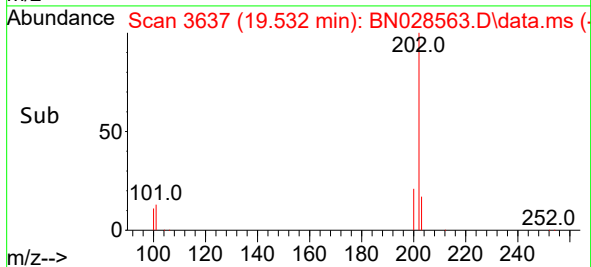
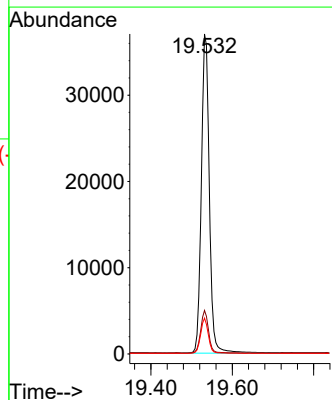
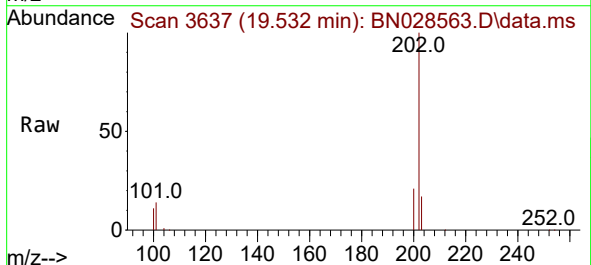
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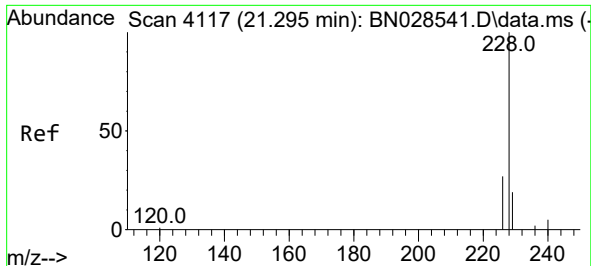
Tgt Ion:202 Resp: 49686
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.4 7.2 10.8



#20
Pyrene
Concen: 0.458 ng/ul
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:202 Resp: 50348
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 11.2 8.2 12.2

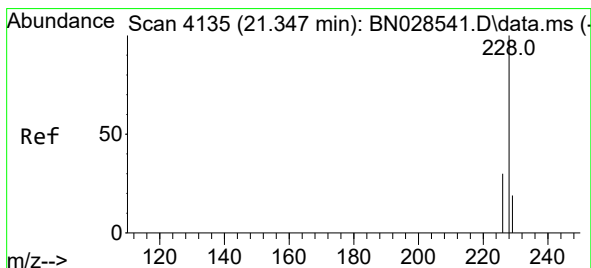
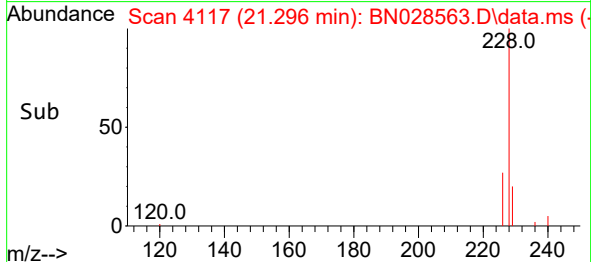
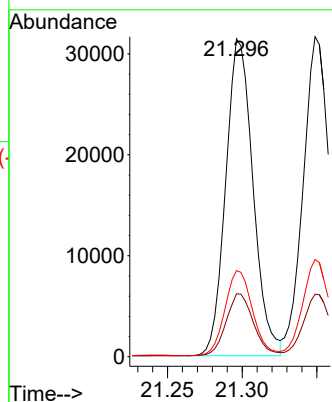
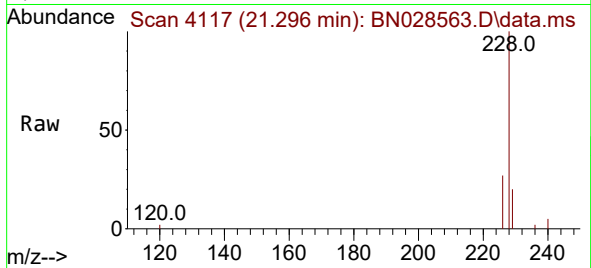




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.296 min Scan# 4117
Delta R.T. -0.007 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

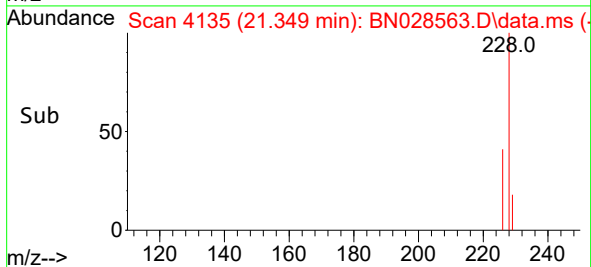
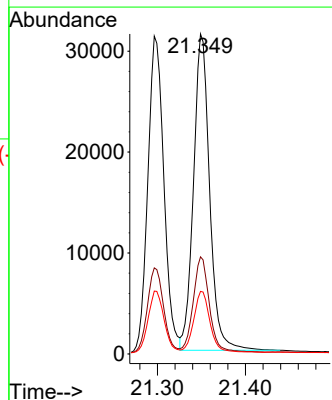
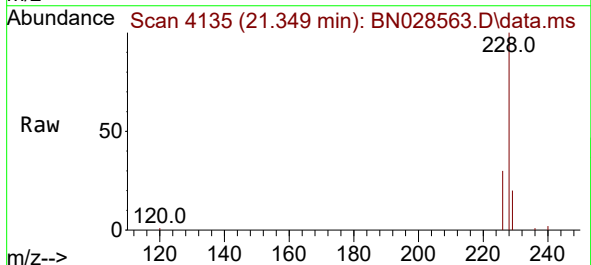
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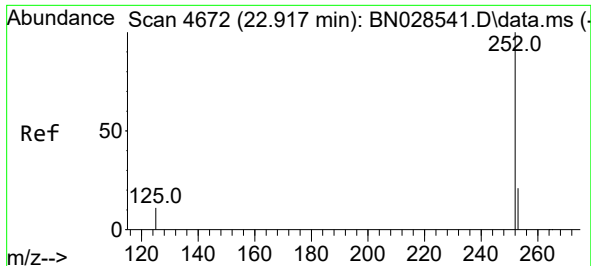
Tgt Ion:228 Resp: 39987
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.1 21.4 32.0



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.349 min Scan# 4135
Delta R.T. -0.007 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:228 Resp: 40041
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.8
229 19.5 15.4 23.2

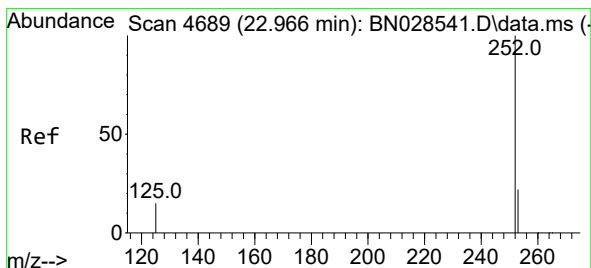
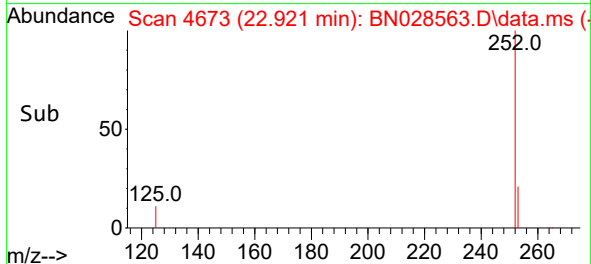
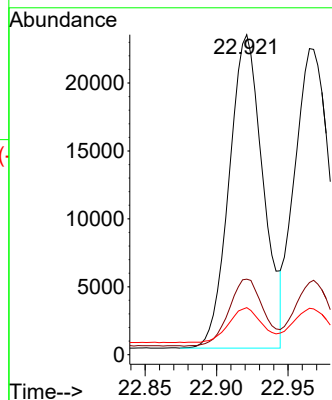
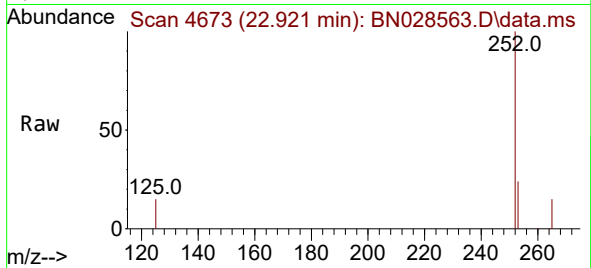




#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 22.921 min Scan# 4673
Delta R.T. -0.007 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

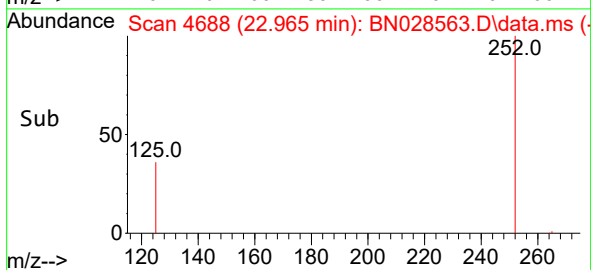
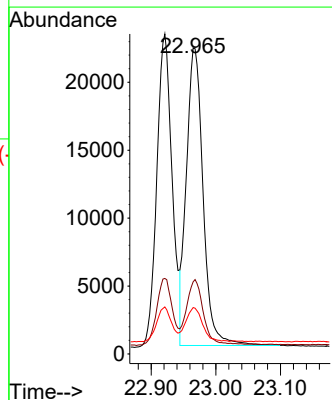
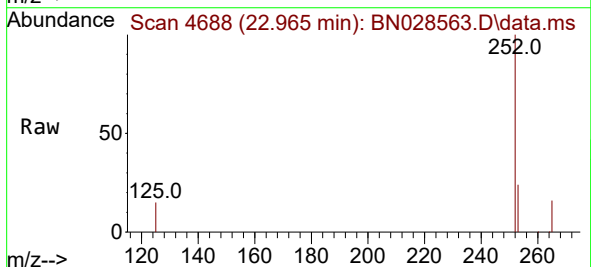
Instrument :
BNA_N
ClientSampleId :
SLCS718

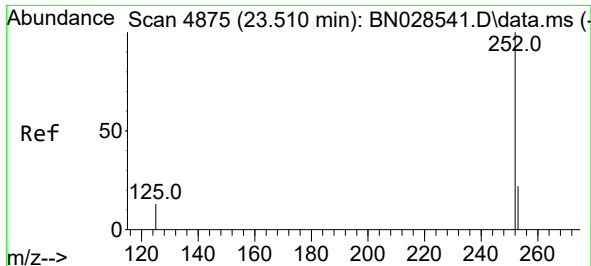
Tgt Ion:252 Resp: 38080
Ion Ratio Lower Upper
252 100
253 23.6 0.0 46.6
125 14.7 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 22.965 min Scan# 4688
Delta R.T. -0.010 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

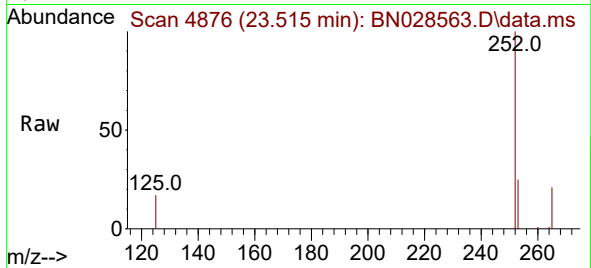
Tgt Ion:252 Resp: 39342
Ion Ratio Lower Upper
252 100
253 23.6 18.6 28.0
125 15.1 12.7 19.1



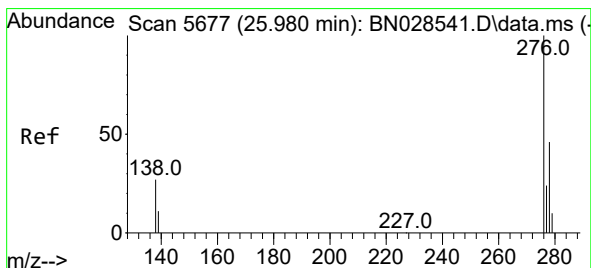
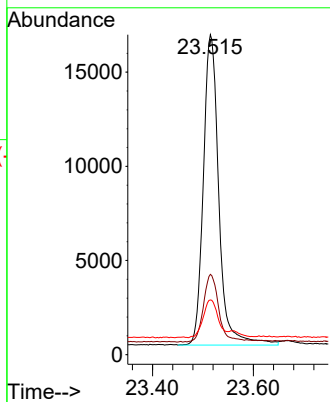
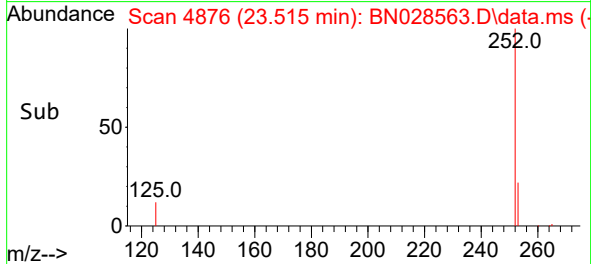


#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.515 min Scan# 4876
Delta R.T. -0.010 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Instrument :
BNA_N
ClientSampleId :
SLCS718

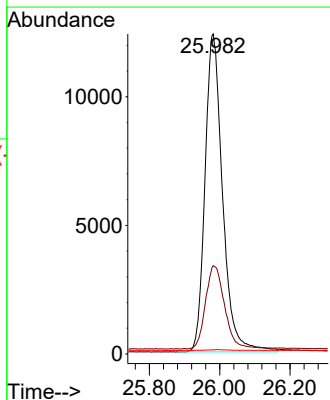
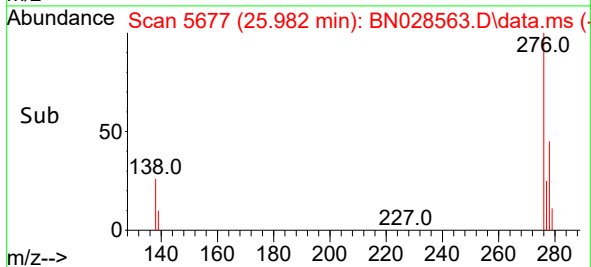
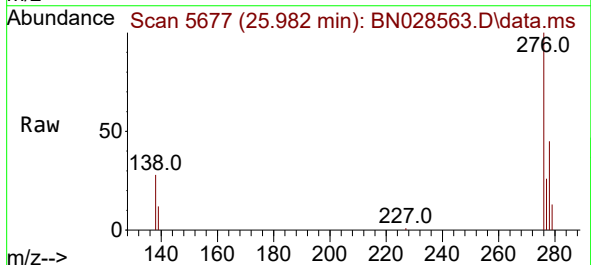


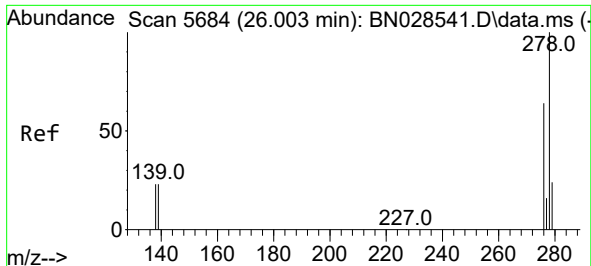
Tgt Ion:252 Resp: 35232
Ion Ratio Lower Upper
252 100
253 25.1 19.0 28.6
125 17.1 13.2 19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng/ul
RT: 25.982 min Scan# 5677
Delta R.T. -0.012 min
Lab File: BN028563.D
Acq: 10 Nov 2023 18:33

Tgt Ion:276 Resp: 42941
Ion Ratio Lower Upper
276 100
138 28.5 23.8 35.6
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.460 ng/ul

RT: 26.002 min Scan# 5

Delta R.T. -0.015 min

Lab File: BN028563.D

Acq: 10 Nov 2023 18:33

Instrument :

BNA_N

ClientSampleId :

SLCS718

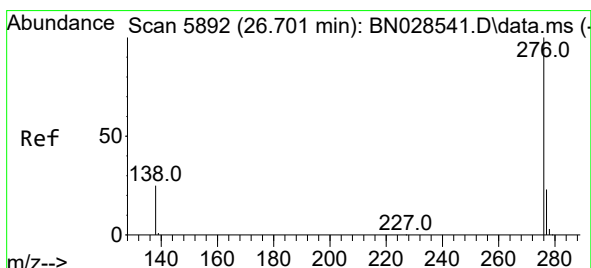
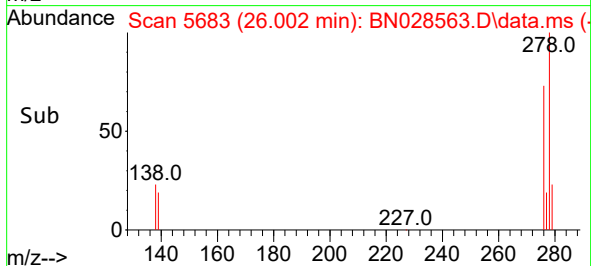
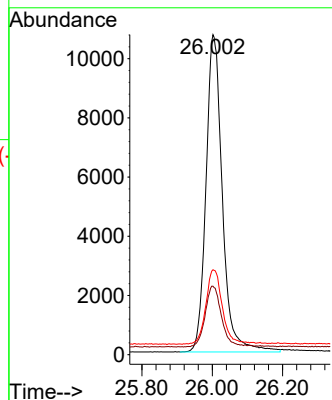
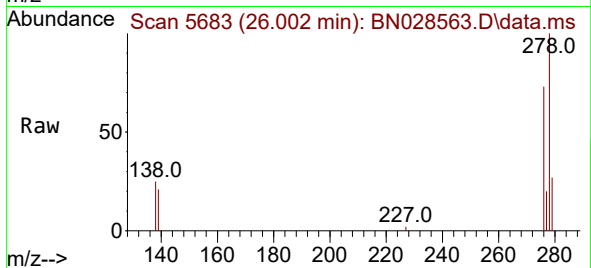
Tgt Ion:278 Resp: 34767

Ion Ratio Lower Upper

278 100

139 21.4 18.2 27.4

279 26.6 20.7 31.1



#29

Benzo(g,h,i)perylene

Concen: 0.459 ng/ul

RT: 26.703 min Scan# 5892

Delta R.T. -0.015 min

Lab File: BN028563.D

Acq: 10 Nov 2023 18:33

Tgt Ion:276 Resp: 35654

Ion Ratio Lower Upper

276 100

138 26.3 20.5 30.7

277 24.9 19.4 29.0

