

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028152.D
 Acq On : 08 Oct 2023 10:45
 Operator : MA/JU
 Sample : PB155978BS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS978

Quant Time: Oct 09 00:47:27 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 : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

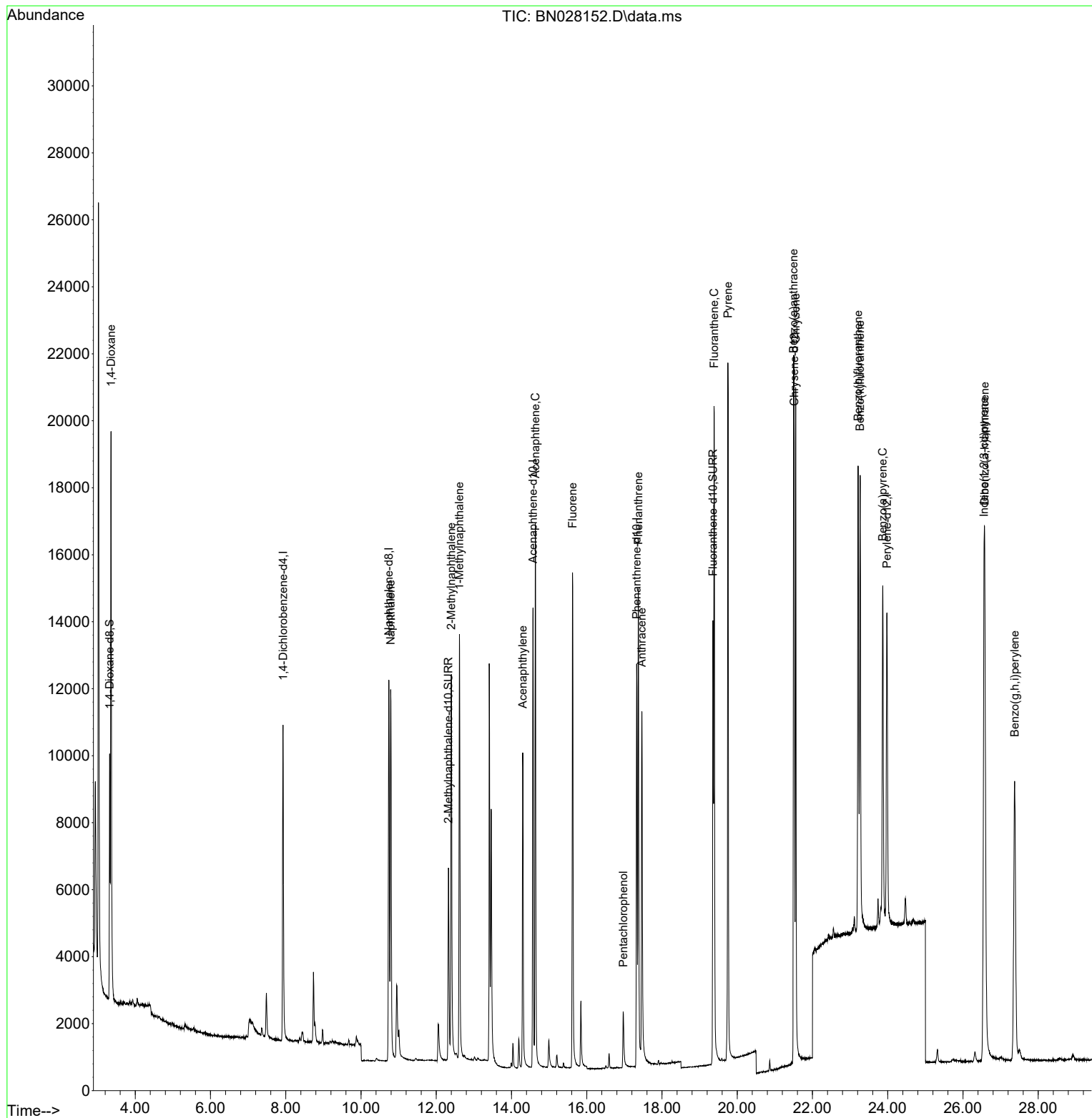
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	5568	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	16799	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.573	164	8082	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	15302	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	13419	0.400	ng/ul	0.00
23) Perylene-d12	23.980	264	14372	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	5167	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	8740	0.323	ng/ul	-0.01
18) Fluoranthene-d10	19.357	212	15454	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.355	88	12702	1.715	ng/ul#	86
5) Naphthalene	10.790	128	16373	0.343	ng/ul	99
7) 2-Methylnaphthalene	12.401	142	9492	0.315	ng/ul	99
8) 1-Methylnaphthalene	12.615	142	9761	0.313	ng/ul	99
10) Acenaphthylene	14.300	152	12023	0.328	ng/ul	99
11) Acenaphthene	14.633	153	10038	0.344	ng/ul	99
12) Fluorene	15.623	166	10705	0.330	ng/ul	100
14) Pentachlorophenol	16.970	266	1497	0.456	ng/ul	99
15) Phenanthrene	17.371	178	16191	0.355	ng/ul	99
16) Anthracene	17.464	178	13893	0.340	ng/ul	99
19) Fluoranthene	19.390	202	18165	0.355	ng/ul	99
20) Pyrene	19.752	202	18861	0.355	ng/ul	98
21) Benzo(a)anthracene	21.498	228	17335	0.354	ng/ul	99
22) Chrysene	21.554	228	18534	0.375	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	19463	0.365	ng/ul	99
25) Benzo(k)fluoranthene	23.266	252	20016	0.377	ng/ul	100
26) Benzo(a)pyrene	23.869	252	16893	0.372	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.559	276	23567	0.429	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.579	278	19159	0.428	ng/ul	99
29) Benzo(g,h,i)perylene	27.374	276	20121	0.448	ng/ul	98

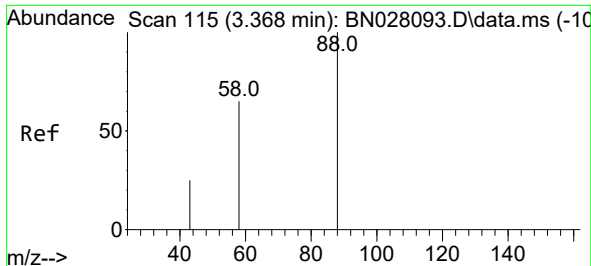
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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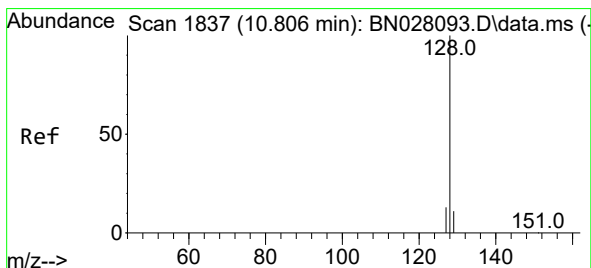
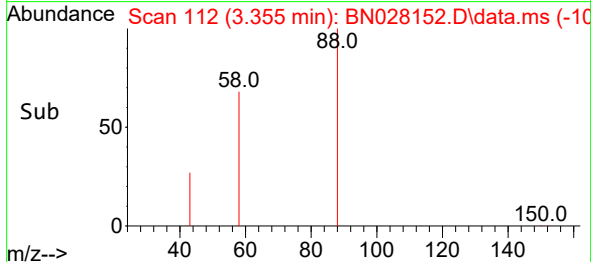
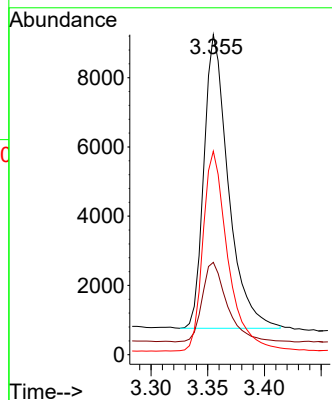
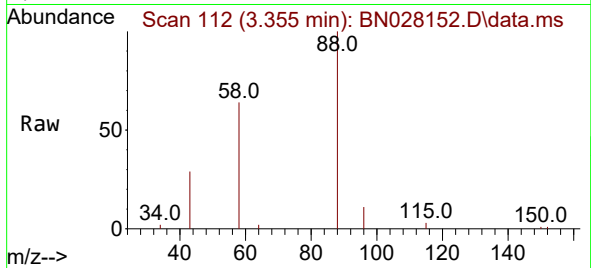




#2
1,4-Dioxane
Concen: 1.715 ng/ul
RT: 3.355 min Scan# 115
Delta R.T. -0.009 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

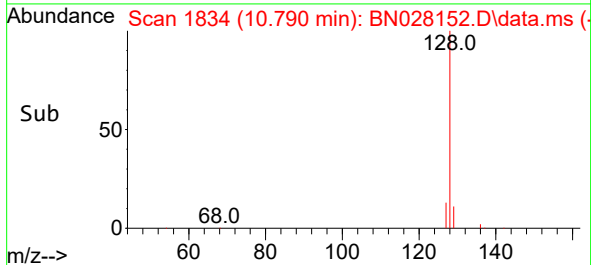
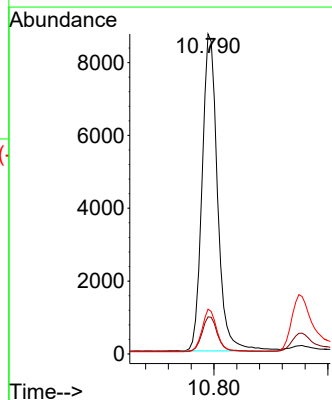
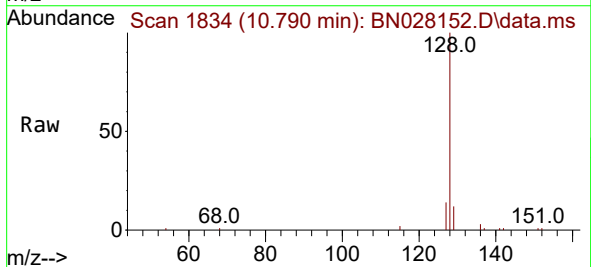
Instrument :
BNA_N
ClientSampleId :
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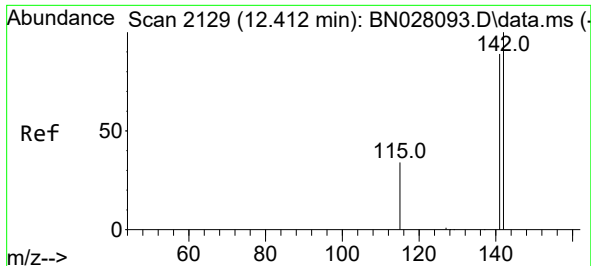
Tgt Ion: 88 Resp: 12702
Ion Ratio Lower Upper
88 100
43 28.9 33.4 50.2#
58 63.6 45.7 68.5



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.790 min Scan# 1834
Delta R.T. -0.017 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

Tgt Ion:128 Resp: 16373
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.0 11.0 16.4

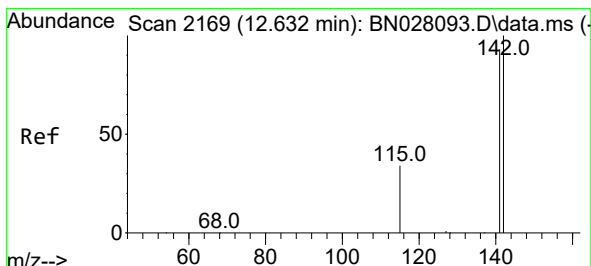
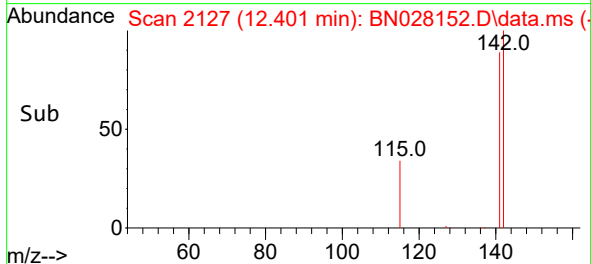
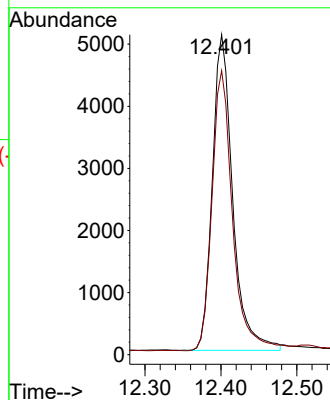
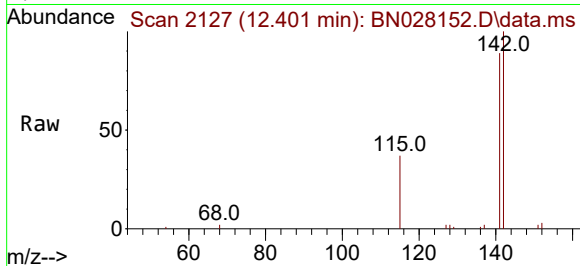




#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

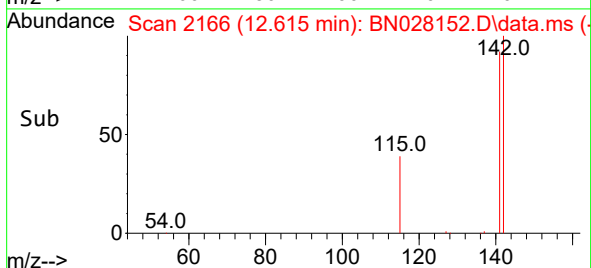
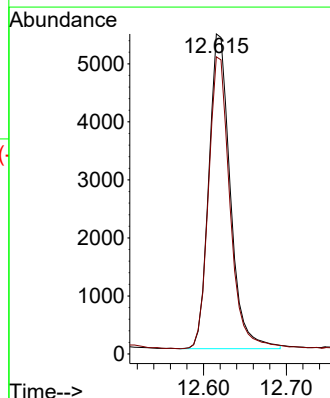
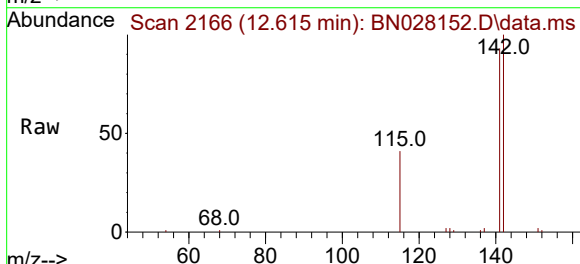
Instrument :
BNA_N
ClientSampleId :
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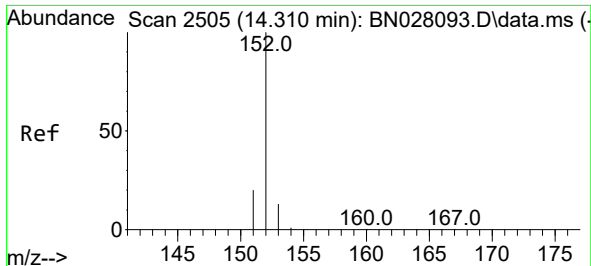
Tgt Ion:142 Resp: 9492
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.615 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

Tgt Ion:142 Resp: 9761
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6

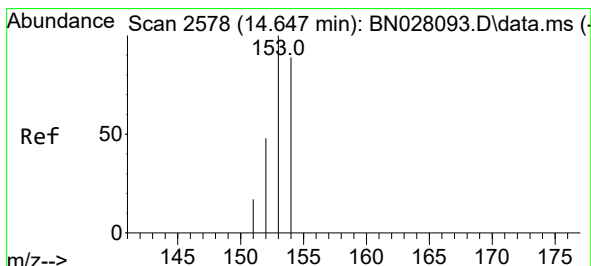
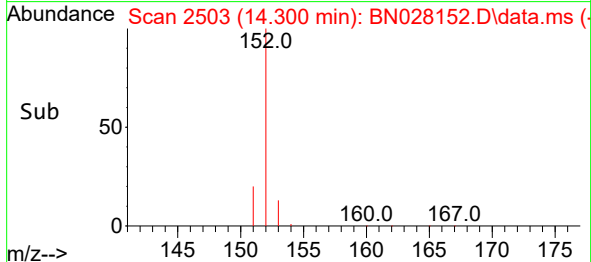
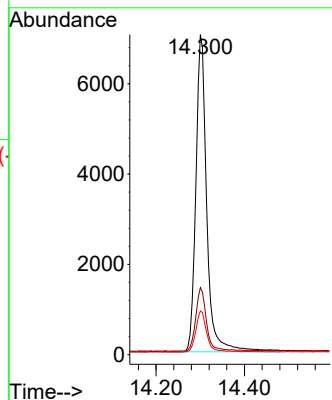
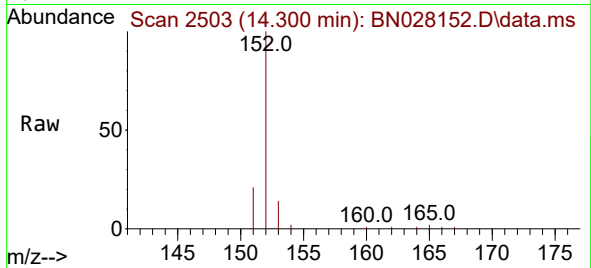




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.300 min Scan# 2503
Delta R.T. -0.009 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

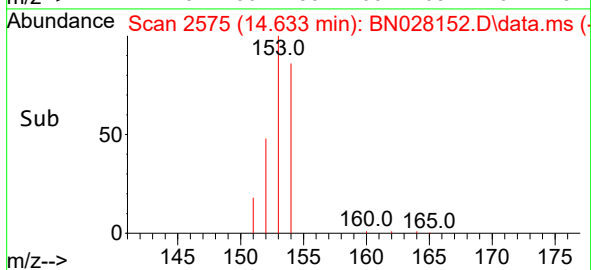
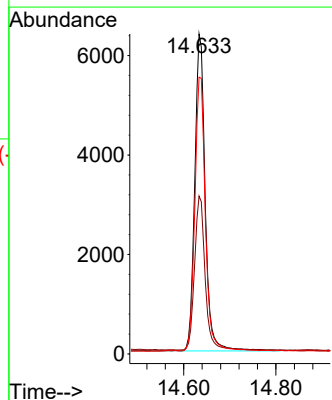
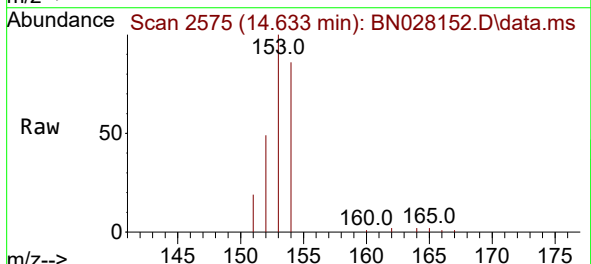
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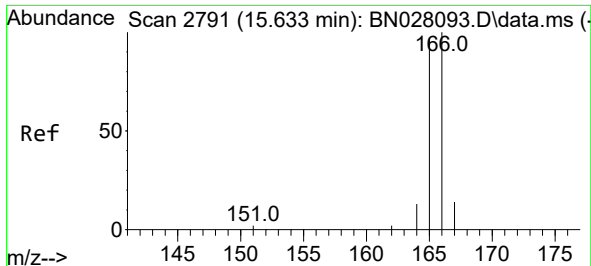
Tgt Ion:152 Resp: 12023
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.633 min Scan# 2575
Delta R.T. -0.009 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

Tgt Ion:153 Resp: 10038
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 86.5 70.2 105.4

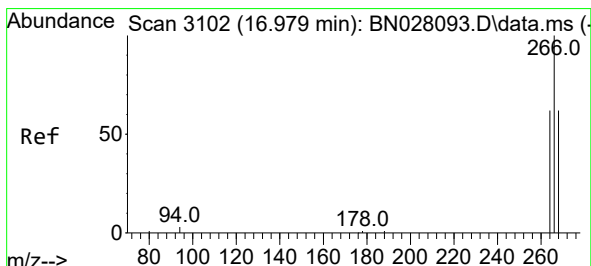
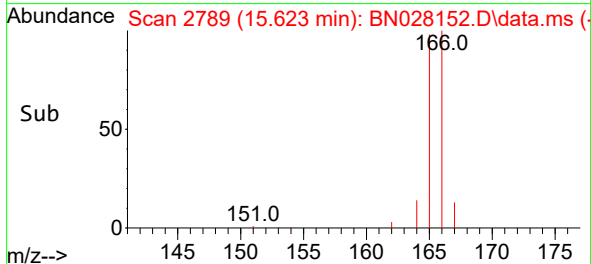
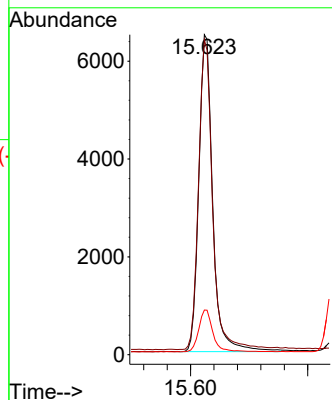
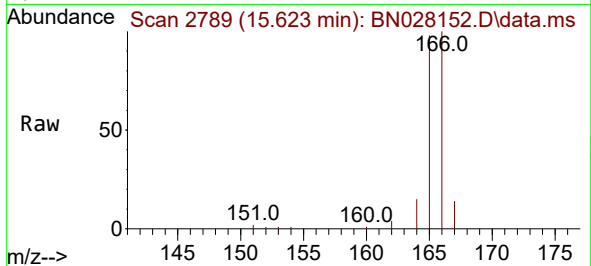




#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

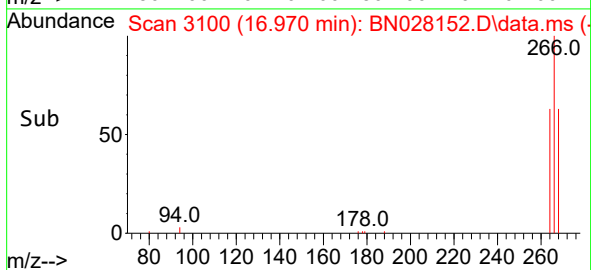
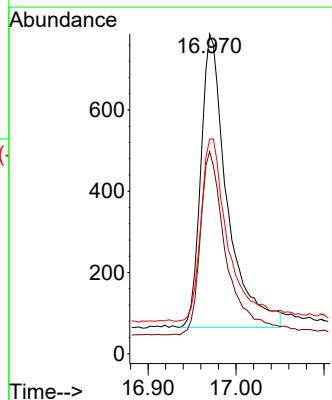
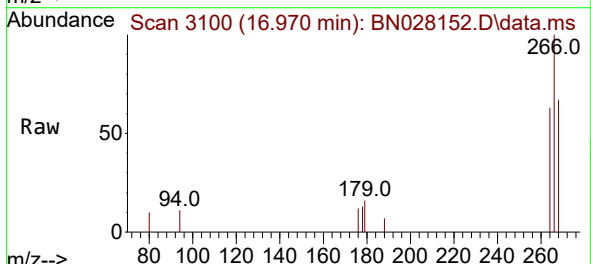
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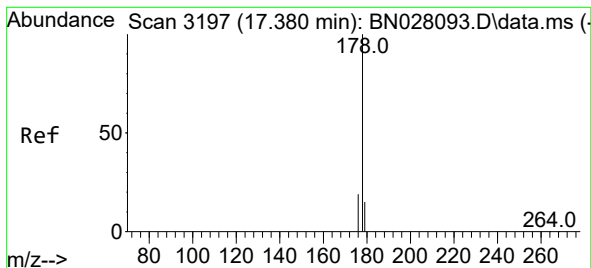
Tgt Ion:166 Resp: 10705
Ion Ratio Lower Upper
166 100
165 98.5 78.5 117.7
167 14.0 11.2 16.8



#14
Pentachlorophenol
Concen: 0.456 ng/ul
RT: 16.970 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

Tgt Ion:266 Resp: 1497
Ion Ratio Lower Upper
266 100
264 62.1 49.6 74.4
268 64.3 52.2 78.4





#15

Phenanthrene

Concen: 0.355 ng/ul

RT: 17.371 min Scan# 3195

Delta R.T. -0.004 min

Lab File: BN028152.D

Acq: 08 Oct 2023 10:45

Instrument :

BNA_N

ClientSampleId :

SLCS978

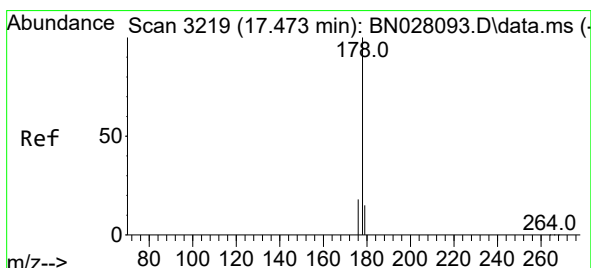
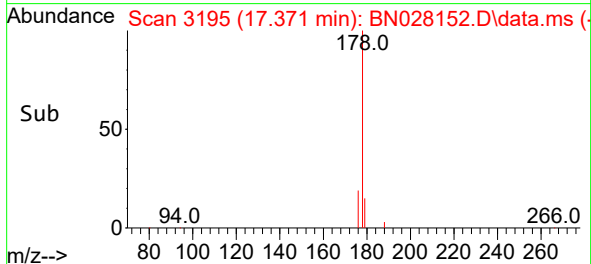
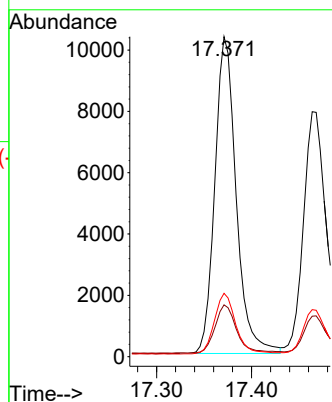
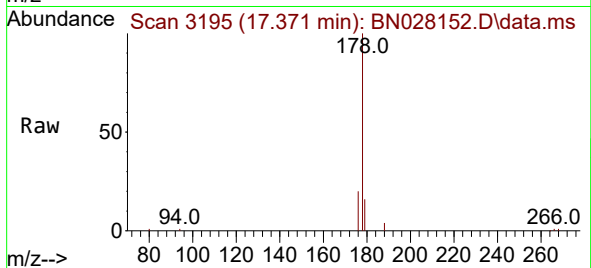
Tgt Ion:178 Resp: 16191

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.8 15.5 23.3



#16

Anthracene

Concen: 0.340 ng/ul

RT: 17.464 min Scan# 3217

Delta R.T. -0.004 min

Lab File: BN028152.D

Acq: 08 Oct 2023 10:45

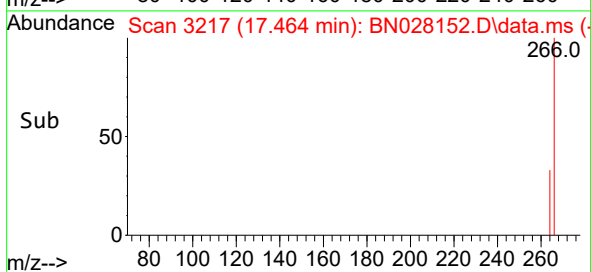
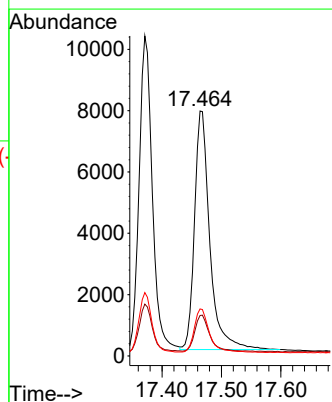
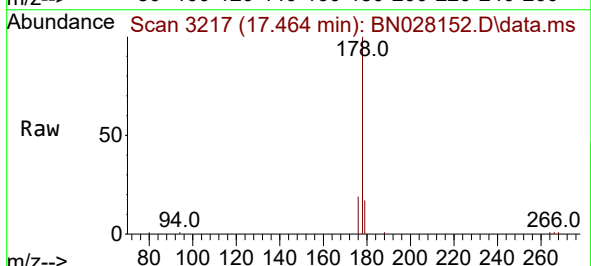
Tgt Ion:178 Resp: 13893

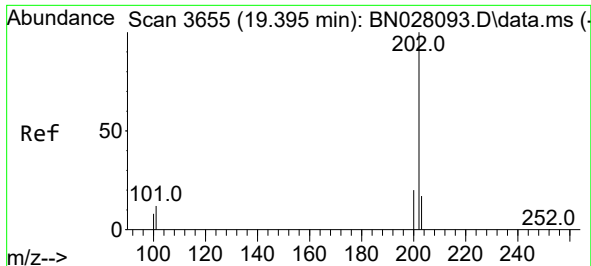
Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

176 19.2 15.0 22.6

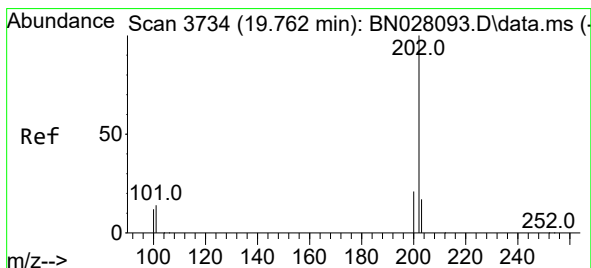
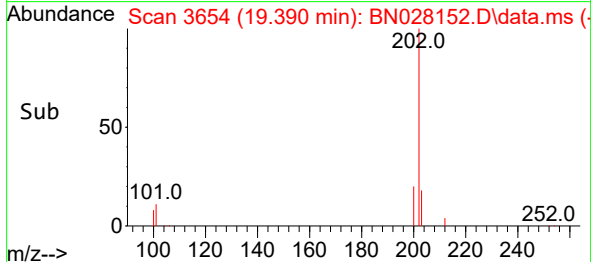
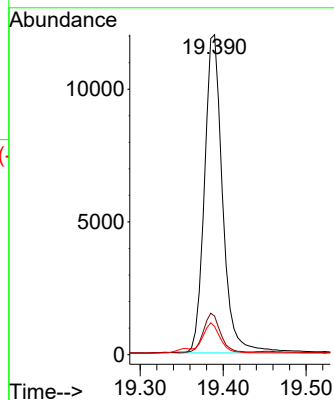
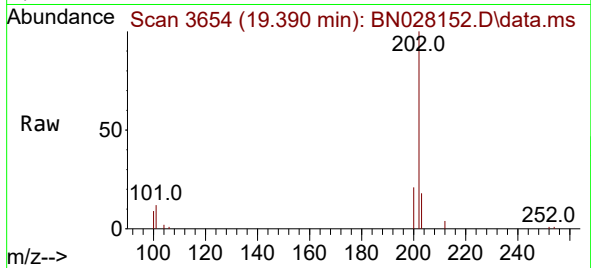




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.390 min Scan# 3655
Delta R.T. -0.000 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

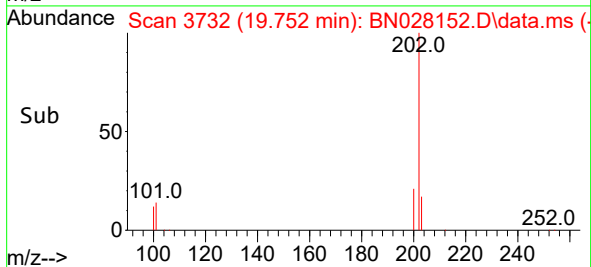
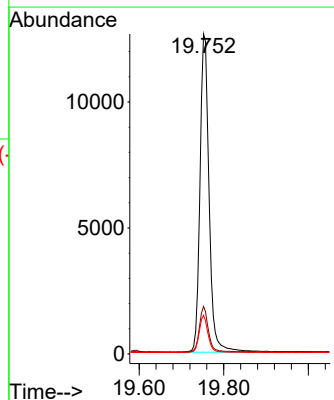
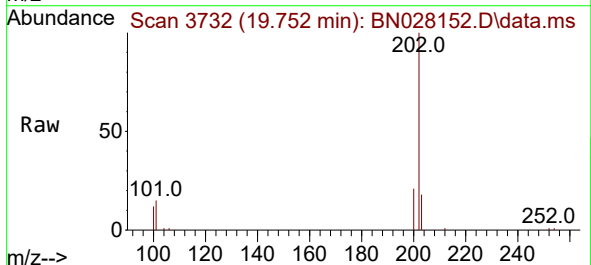
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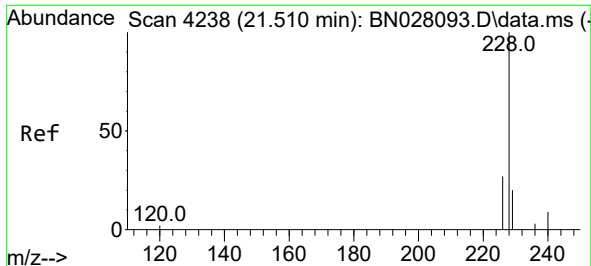
Tgt Ion:202 Resp: 18165
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
100 8.8 7.4 11.0



#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.752 min Scan# 3732
Delta R.T. -0.005 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

Tgt Ion:202 Resp: 18861
Ion Ratio Lower Upper
202 100
101 14.9 11.2 16.8
100 12.1 9.1 13.7

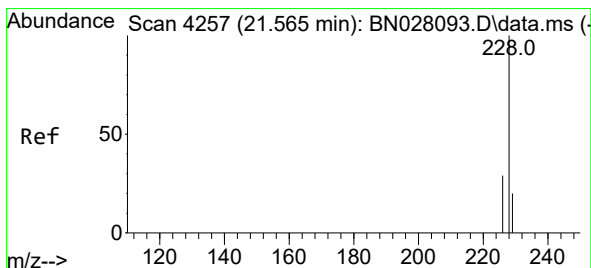
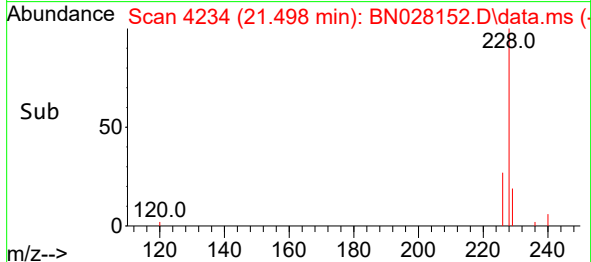
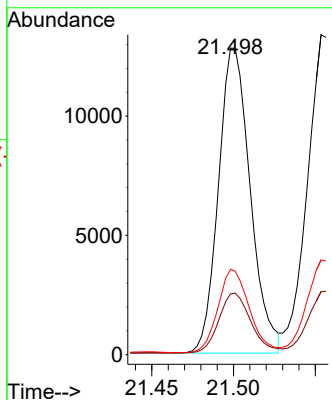
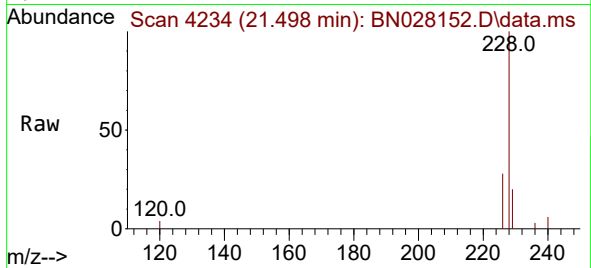




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.498 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

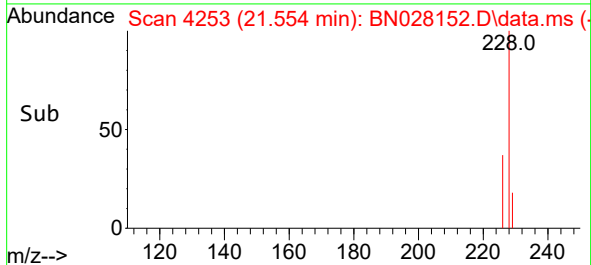
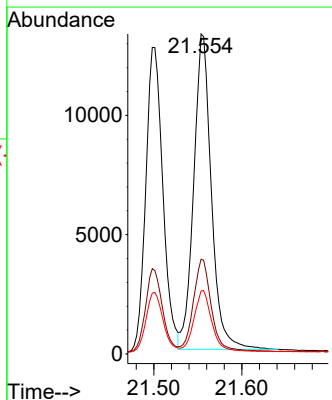
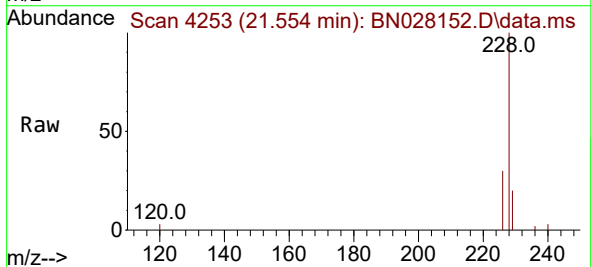
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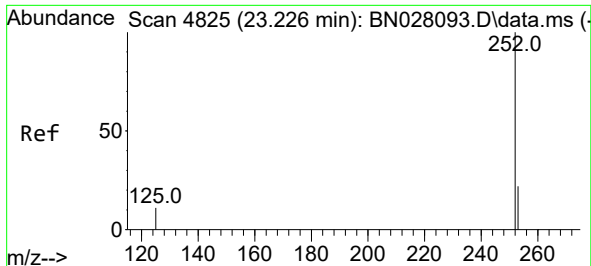
Tgt Ion:228 Resp: 17335
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.8 21.5 32.3



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

Tgt Ion:228 Resp: 18534
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.7 16.0 24.0

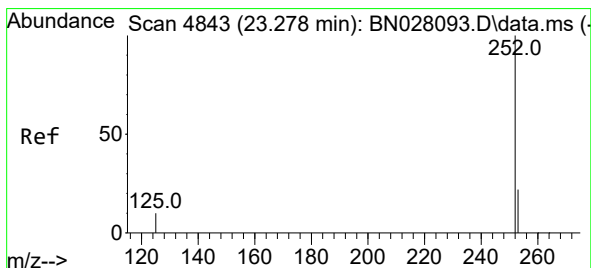
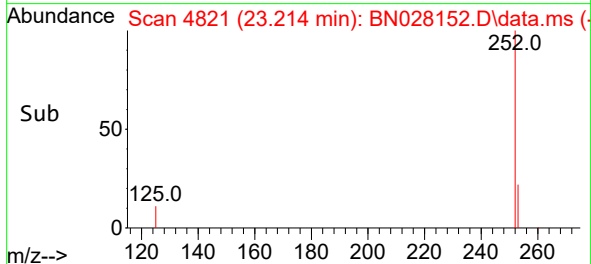
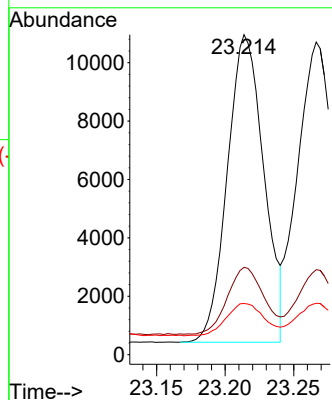
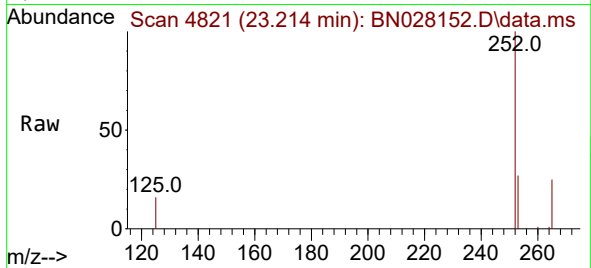




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.214 min Scan# 4821
Delta R.T. -0.003 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

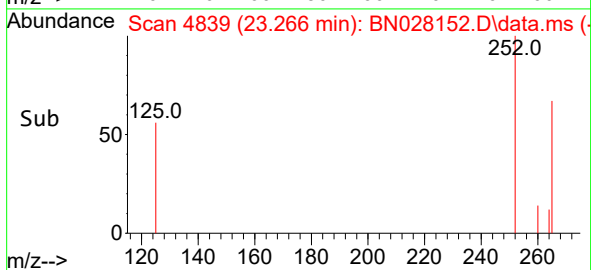
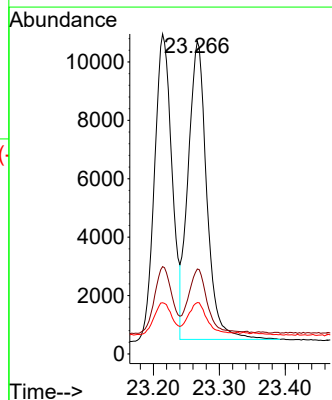
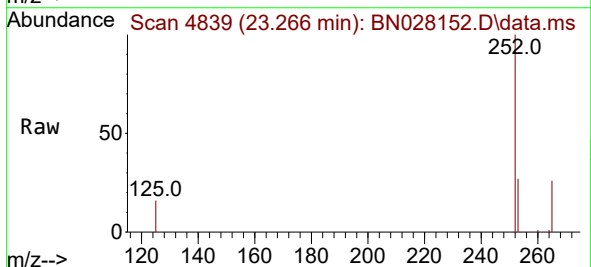
Instrument :
BNA_N
ClientSampleId :
SLCS978

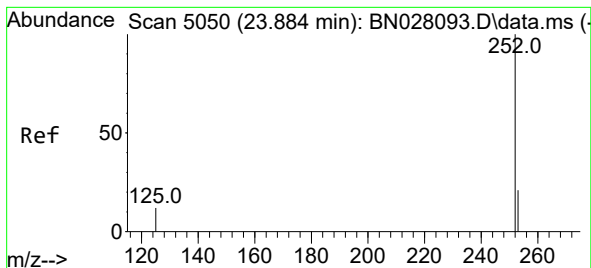
Tgt Ion:252 Resp: 19463
Ion Ratio Lower Upper
252 100
253 27.3 0.0 54.0
125 16.0 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 23.266 min Scan# 4839
Delta R.T. -0.000 min
Lab File: BN028152.D
Acq: 08 Oct 2023 10:45

Tgt Ion:252 Resp: 20016
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.8
125 16.4 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.372 ng/ul

RT: 23.869 min Scan# 5050

Delta R.T. -0.000 min

Lab File: BN028152.D

Acq: 08 Oct 2023 10:45

Instrument :

BNA_N

ClientSampleId :

SLCS978

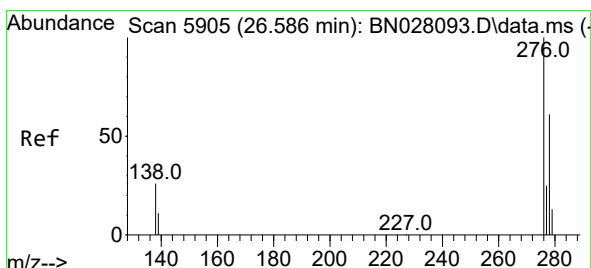
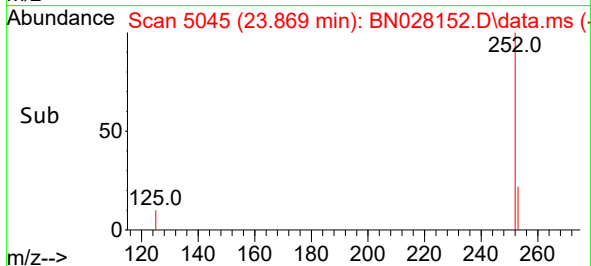
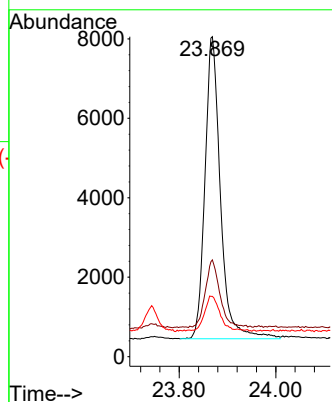
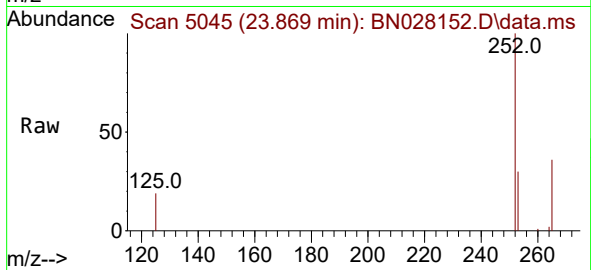
Tgt Ion:252 Resp: 16893

Ion Ratio Lower Upper

252 100

253 30.3 23.4 35.2

125 18.8 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.429 ng/ul

RT: 26.559 min Scan# 5897

Delta R.T. -0.006 min

Lab File: BN028152.D

Acq: 08 Oct 2023 10:45

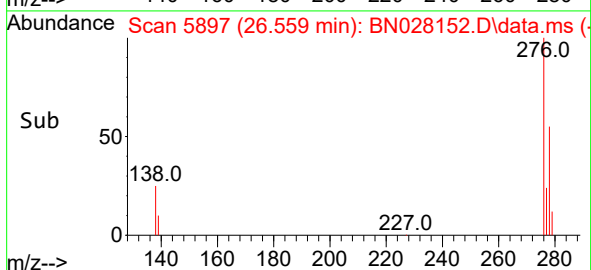
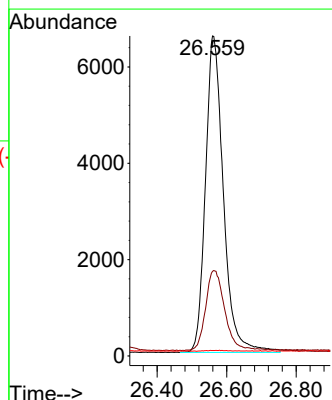
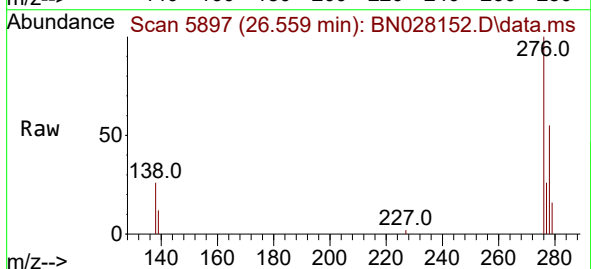
Tgt Ion:276 Resp: 23567

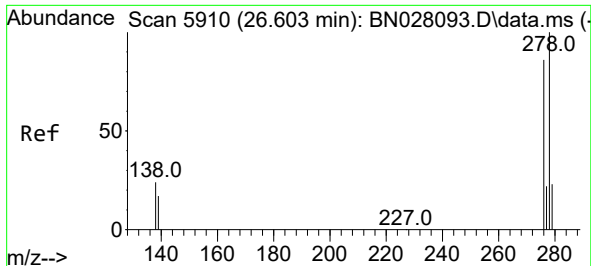
Ion Ratio Lower Upper

276 100

138 27.0 21.6 32.4

227 0.0 0.2 0.2#

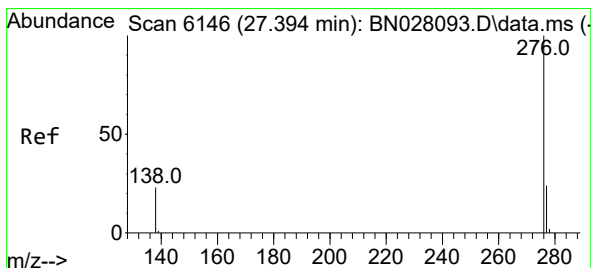
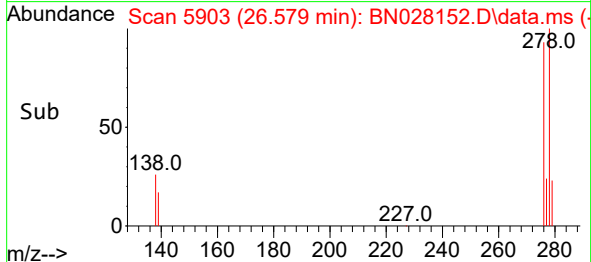
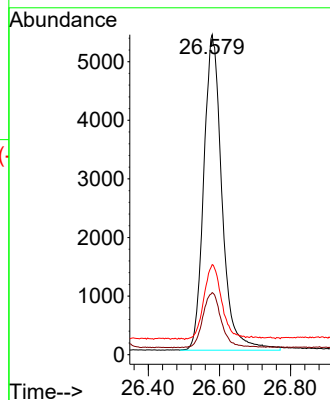
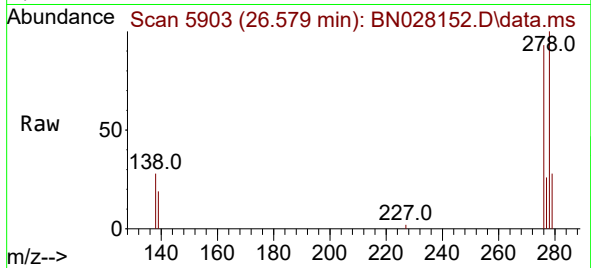




#28
 Dibenzo(a,h)anthracene
 Concen: 0.428 ng/ul
 RT: 26.579 min Scan# 5910
 Delta R.T. -0.003 min
 Lab File: BN028152.D
 Acq: 08 Oct 2023 10:45

Instrument :
 BNA_N
 ClientSampleId :
 SLCS978

Tgt Ion:278 Resp: 19159
 Ion Ratio Lower Upper
 278 100
 139 19.4 15.9 23.9
 279 28.1 22.8 34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.448 ng/ul
 RT: 27.374 min Scan# 6140
 Delta R.T. -0.003 min
 Lab File: BN028152.D
 Acq: 08 Oct 2023 10:45

Tgt Ion:276 Resp: 20121
 Ion Ratio Lower Upper
 276 100
 138 25.6 19.8 29.6
 277 24.9 20.6 31.0

