

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028558.D
 Acq On : 10 Nov 2023 15:33
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4307

Quant Time: Nov 10 23:27:36 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)

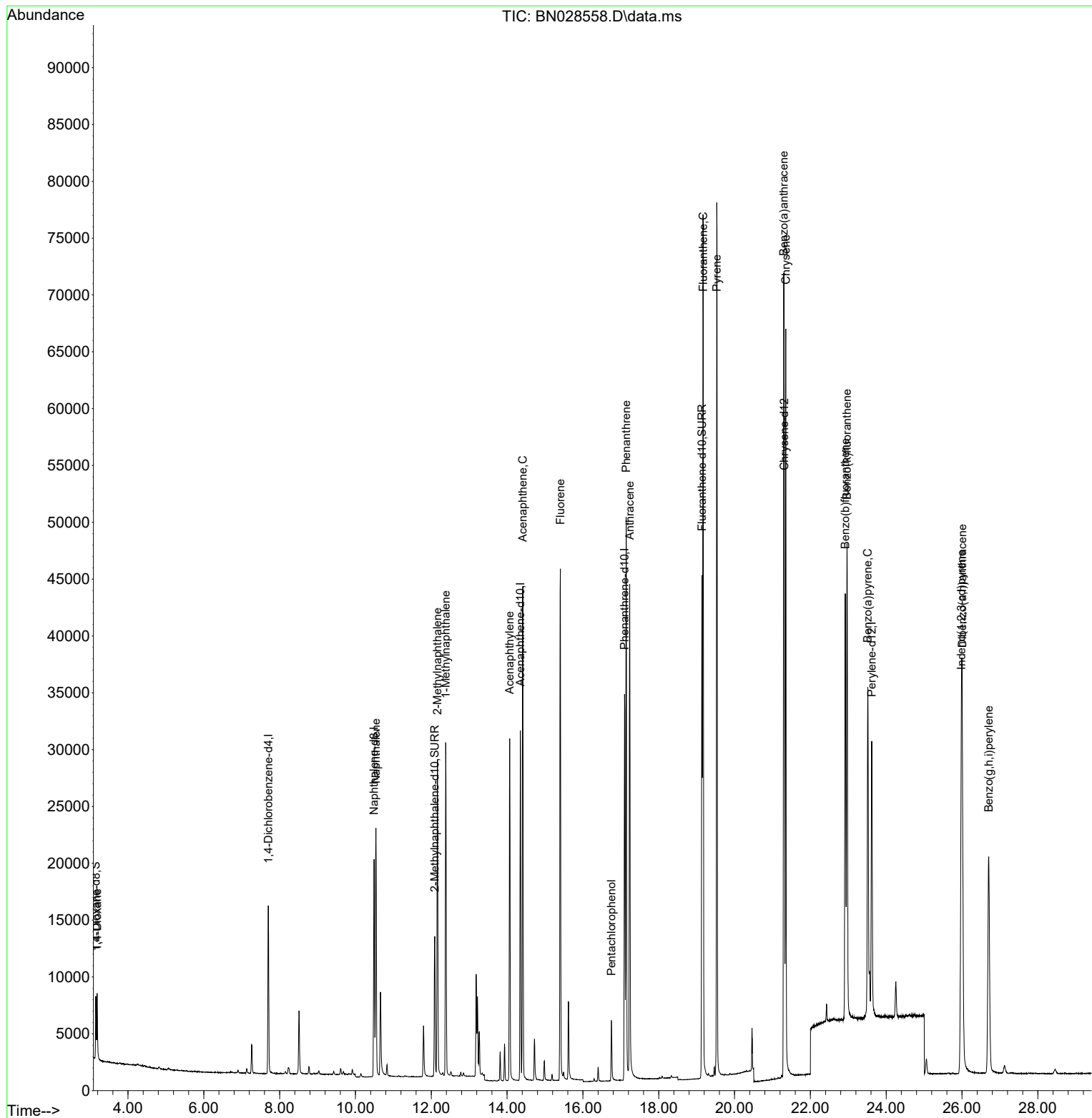
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	7818	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	25663	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.349	164	16398	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	40627	0.400	ng/ul	0.00
17) Chrysene-d12	21.314	240	35135	0.400	ng/ul	0.00
23) Perylene-d12	23.617	264	31678	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	3468	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	16345	0.423	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	49502	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.189	88	3673	0.385	ng/ul	92
5) Naphthalene	10.540	128	29599	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.163	142	19903	0.420	ng/ul	99
8) 1-Methylnaphthalene	12.383	142	20308	0.422	ng/ul	100
10) Acenaphthylene	14.067	152	34333	0.420	ng/ul	100
11) Acenaphthene	14.414	153	24589	0.408	ng/ul	99
12) Fluorene	15.404	166	28785	0.411	ng/ul	100
14) Pentachlorophenol	16.753	266	3717	0.381	ng/ul	99
15) Phenanthrene	17.141	178	51297	0.411	ng/ul	100
16) Anthracene	17.234	178	48521	0.424	ng/ul	100
19) Fluoranthene	19.169	202	64181	0.430	ng/ul	97
20) Pyrene	19.532	202	66419	0.429	ng/ul	99
21) Benzo(a)anthracene	21.296	228	56261	0.405	ng/ul	99
22) Chrysene	21.352	228	54353	0.400	ng/ul	99
24) Benzo(b)fluoranthene	22.921	252	48547	0.408	ng/ul	99
25) Benzo(k)fluoranthene	22.965	252	51781	0.416	ng/ul	97
26) Benzo(a)pyrene	23.515	252	44517	0.397	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.982	276	50930	0.409	ng/ul	98
28) Dibenzo(a,h)anthracene	26.005	278	41441	0.416	ng/ul	98
29) Benzo(g,h,i)perylene	26.706	276	40935	0.401	ng/ul	99

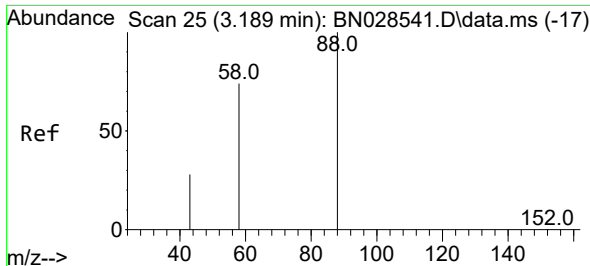
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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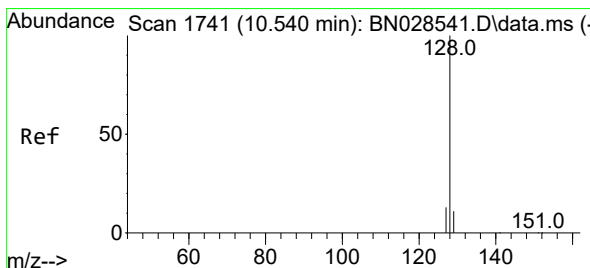
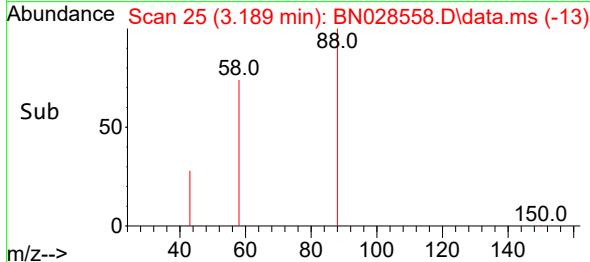
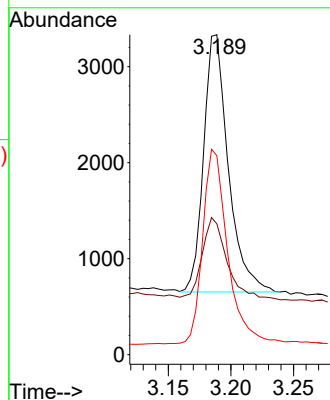
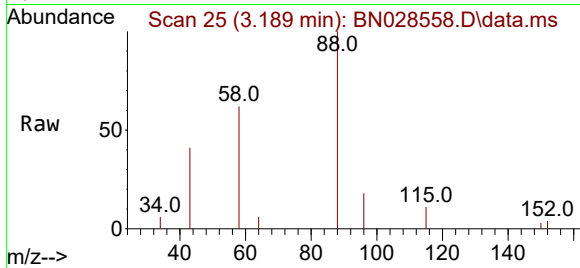




#2
1,4-Dioxane
Concen: 0.385 ng/ul
RT: 3.189 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

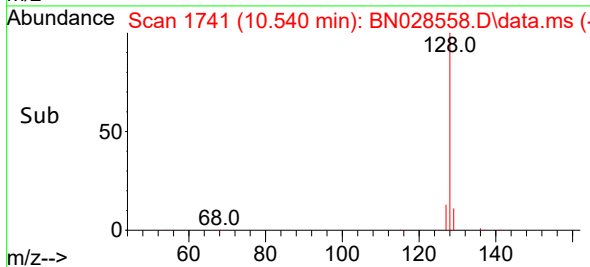
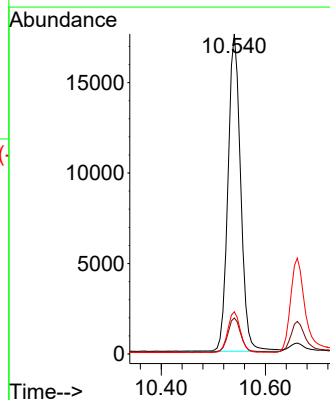
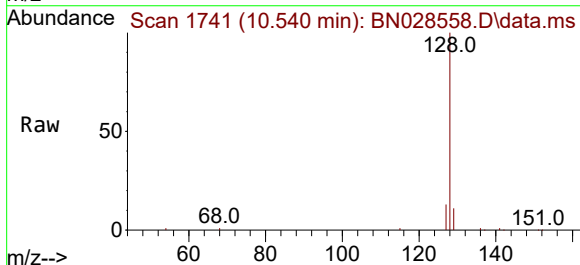
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

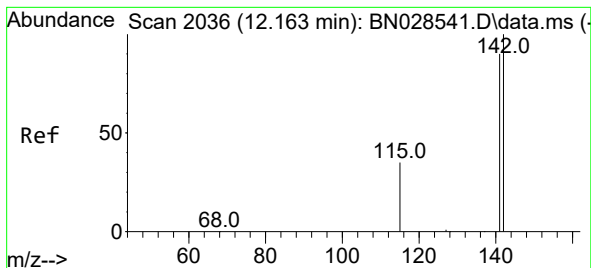
Tgt Ion: 88 Resp: 3673
Ion Ratio Lower Upper
88 100
43 40.9 32.9 49.3
58 62.2 41.8 62.8



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

Tgt Ion: 128 Resp: 29599
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.7 16.1

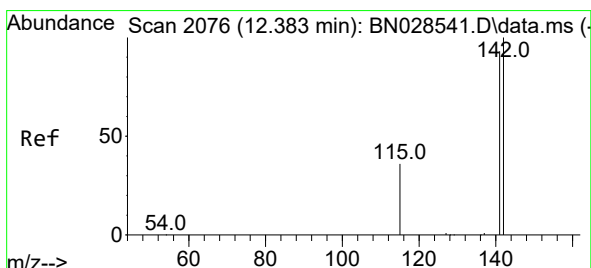
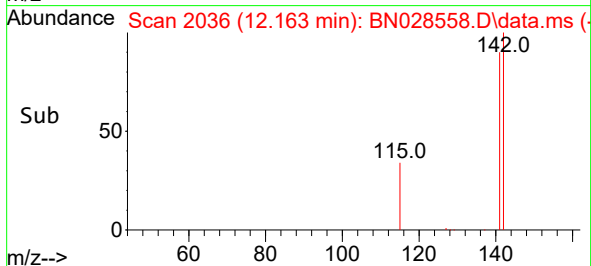
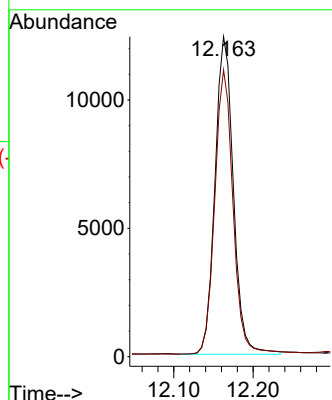
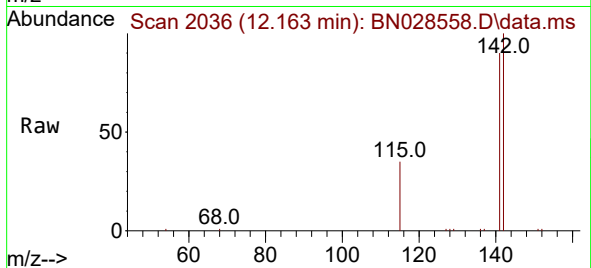




#7
2-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.163 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

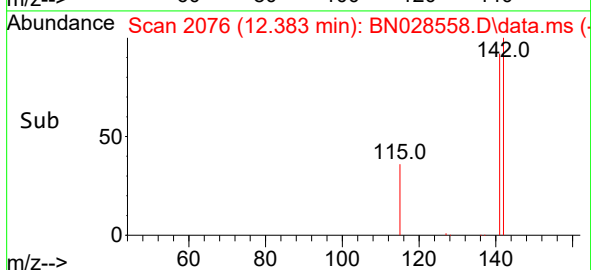
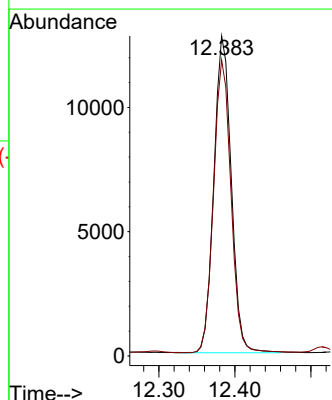
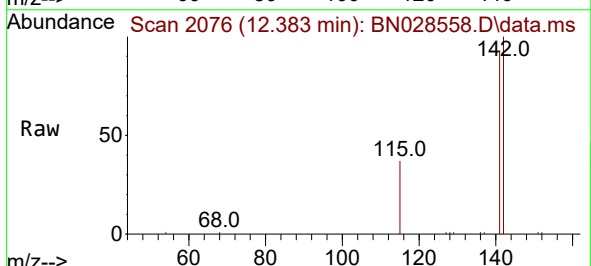
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

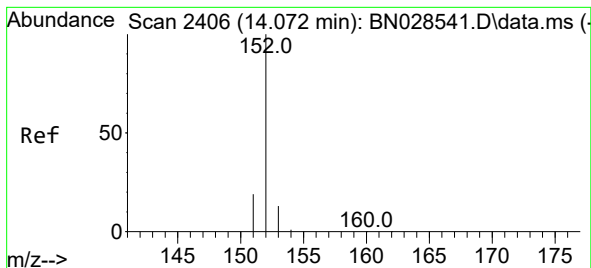
Tgt Ion:142 Resp: 19903
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.383 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

Tgt Ion:142 Resp: 20308
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1





#10

Acenaphthylene

Concen: 0.420 ng/ul

RT: 14.067 min Scan# 2406

Delta R.T. -0.003 min

Lab File: BN028558.D

Acq: 10 Nov 2023 15:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4307

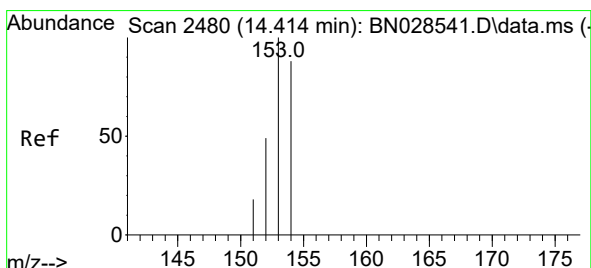
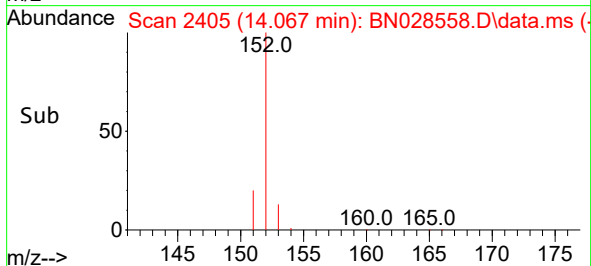
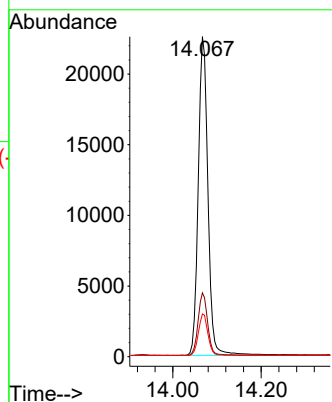
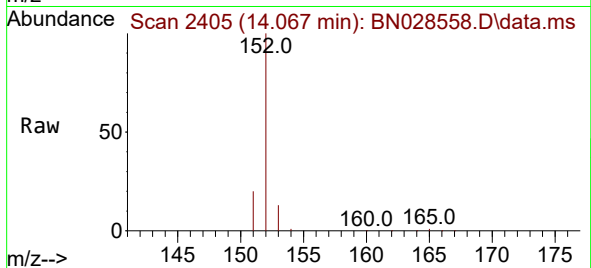
Tgt Ion:152 Resp: 34333

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.4 10.6 15.8



#11

Acenaphthene

Concen: 0.408 ng/ul

RT: 14.414 min Scan# 2480

Delta R.T. -0.003 min

Lab File: BN028558.D

Acq: 10 Nov 2023 15:33

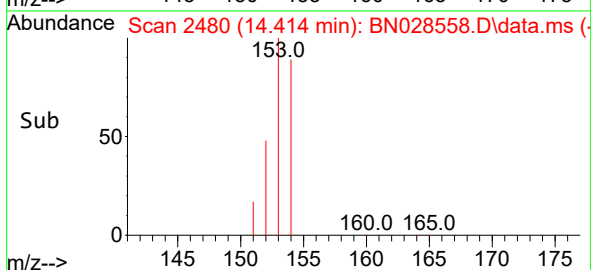
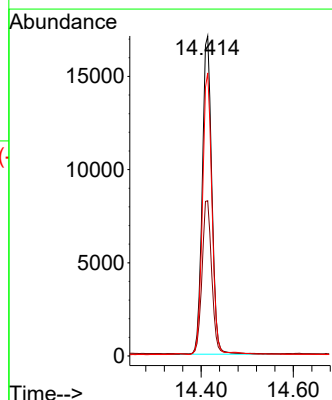
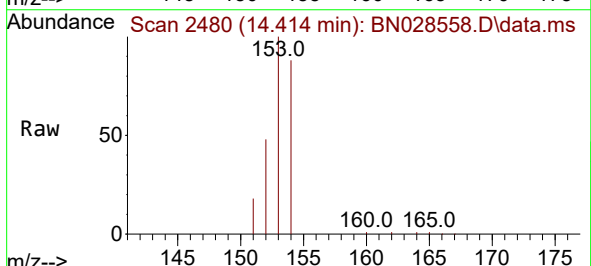
Tgt Ion:153 Resp: 24589

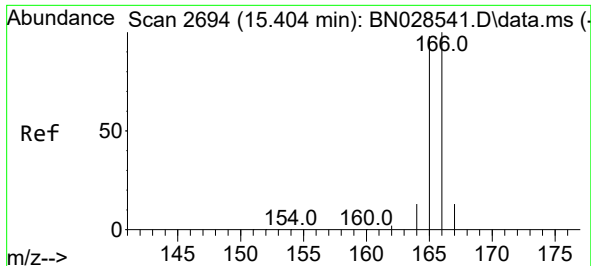
Ion Ratio Lower Upper

153 100

152 48.5 39.6 59.4

154 88.4 71.0 106.6

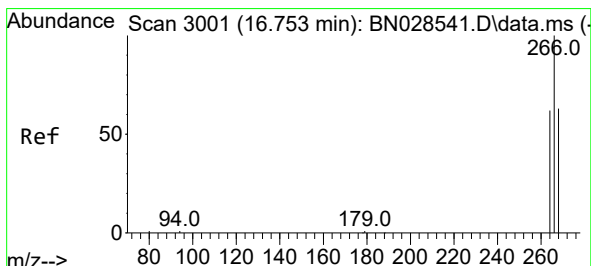
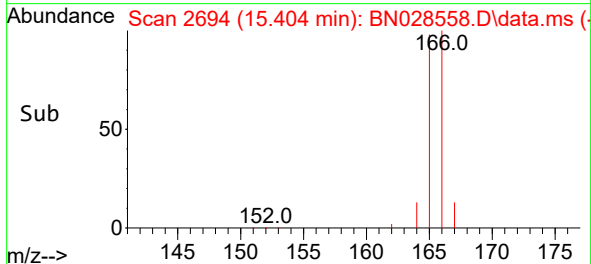
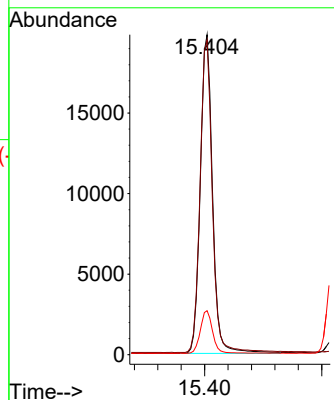
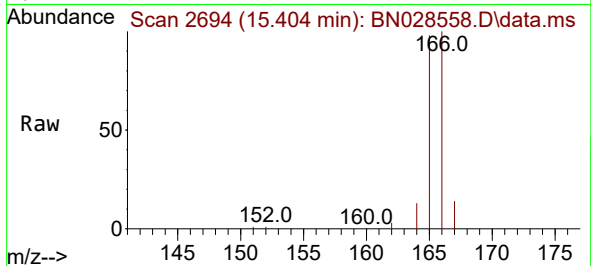




#12
Fluorene
Concen: 0.411 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.003 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

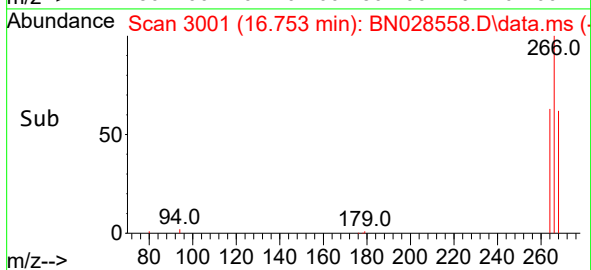
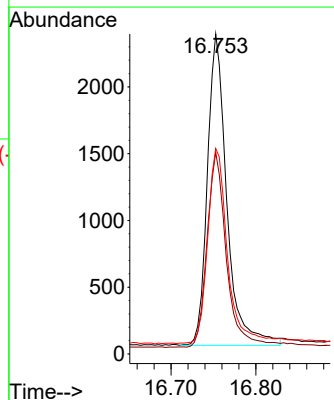
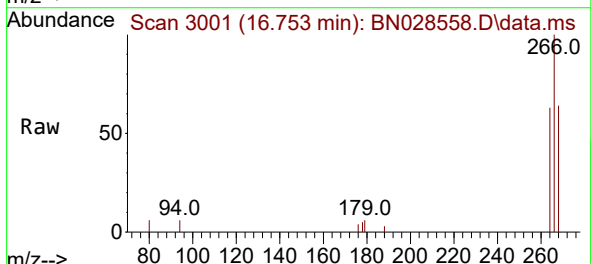
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

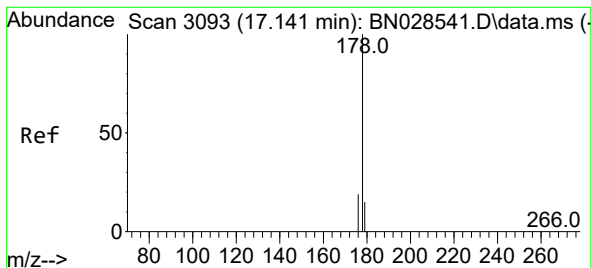
Tgt Ion:166 Resp: 28785
Ion Ratio Lower Upper
166 100
165 98.3 78.6 118.0
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.381 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

Tgt Ion:266 Resp: 3717
Ion Ratio Lower Upper
266 100
264 63.0 50.1 75.1
268 64.3 50.6 75.8





#15

Phenanthrene

Concen: 0.411 ng/ul

RT: 17.141 min Scan# 3093

Delta R.T. -0.003 min

Lab File: BN028558.D

Acq: 10 Nov 2023 15:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4307

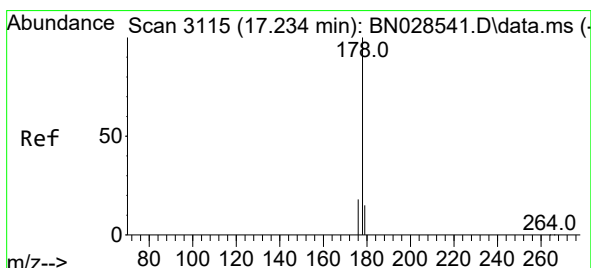
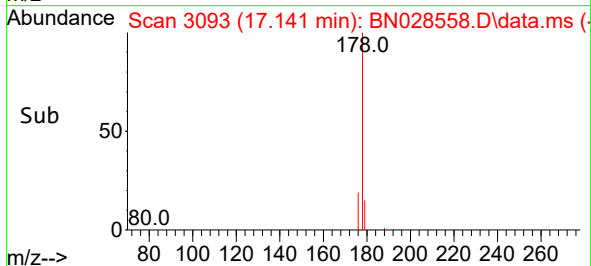
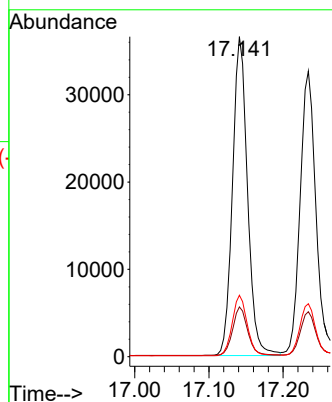
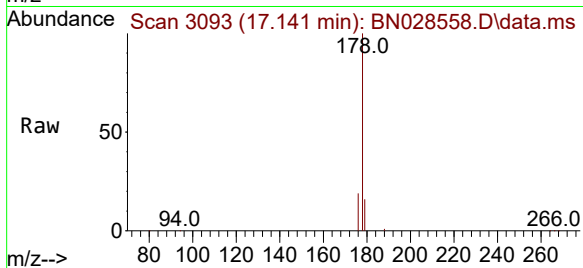
Tgt Ion:178 Resp: 51297

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.2 15.4 23.2



#16

Anthracene

Concen: 0.424 ng/ul

RT: 17.234 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BN028558.D

Acq: 10 Nov 2023 15:33

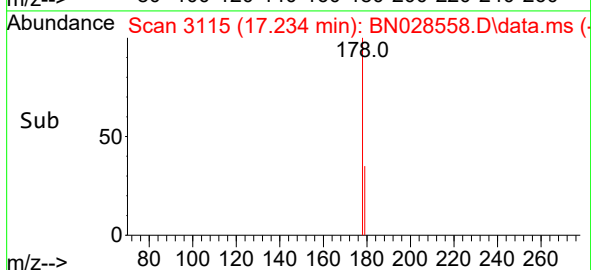
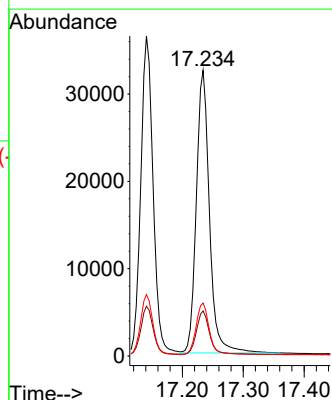
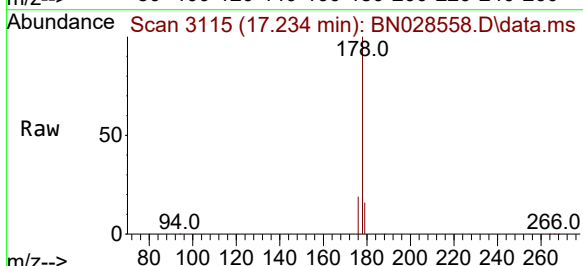
Tgt Ion:178 Resp: 48521

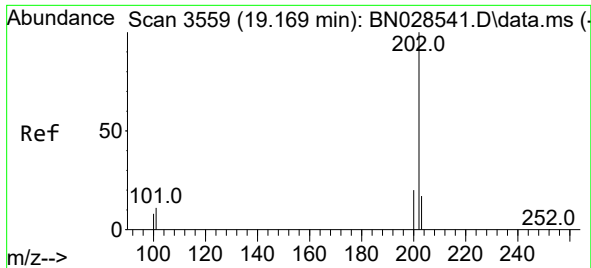
Ion Ratio Lower Upper

178 100

179 15.8 12.6 18.8

176 18.5 14.9 22.3

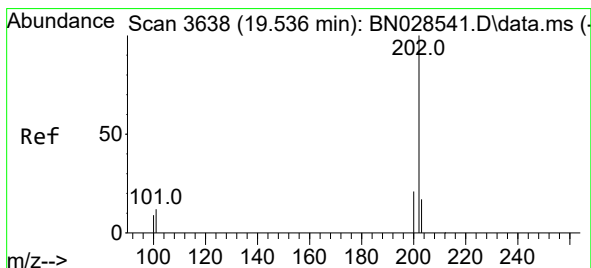
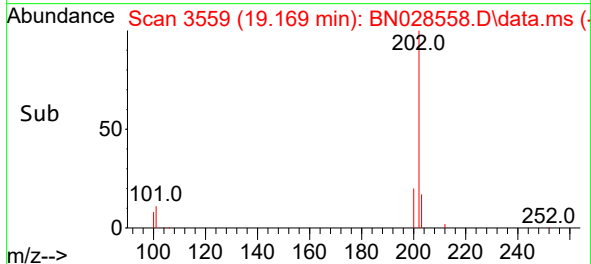
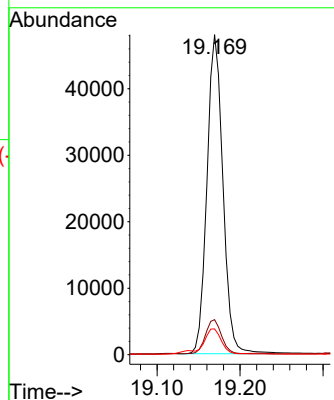
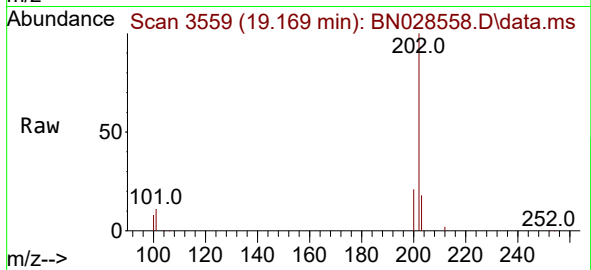




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

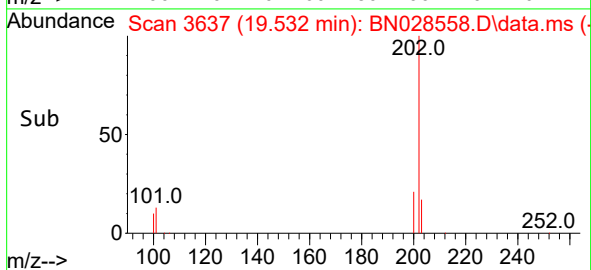
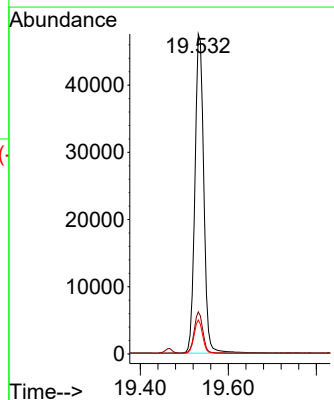
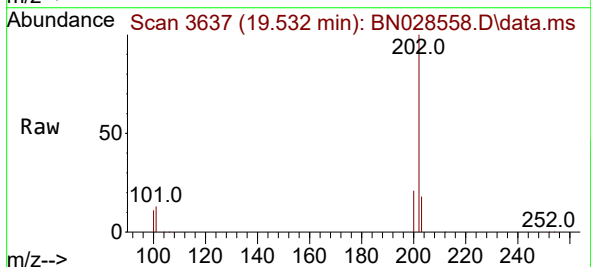
Instrument :
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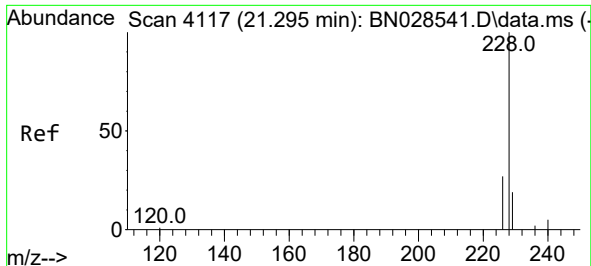
Tgt Ion:202 Resp: 64181
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.0 7.2 10.8



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.532 min Scan# 3637
Delta R.T. -0.008 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

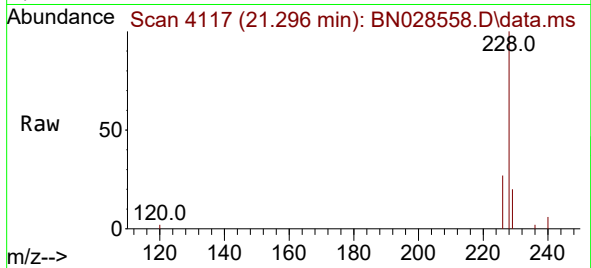
Tgt Ion:202 Resp: 66419
Ion Ratio Lower Upper
202 100
101 13.2 10.3 15.5
100 10.6 8.2 12.2



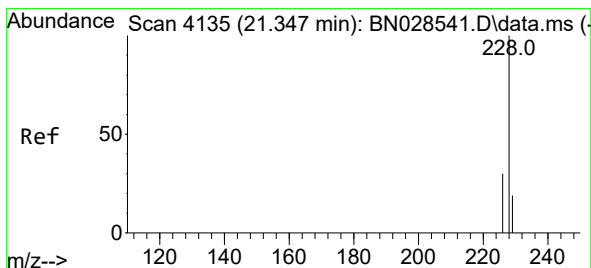
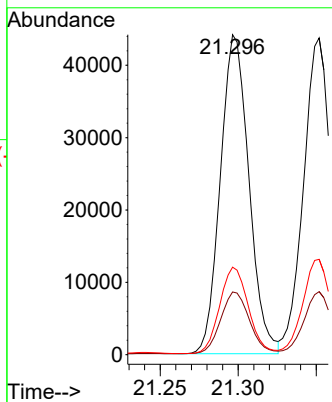
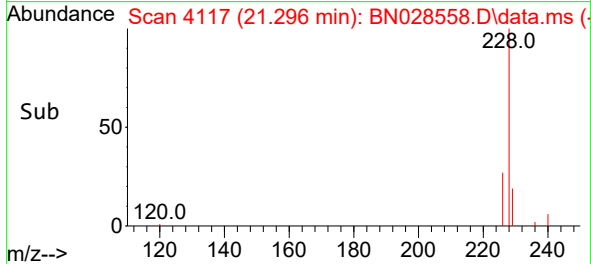


#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.296 min Scan# 4117
Delta R.T. -0.007 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

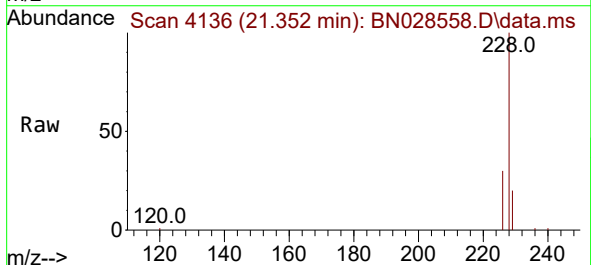
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307



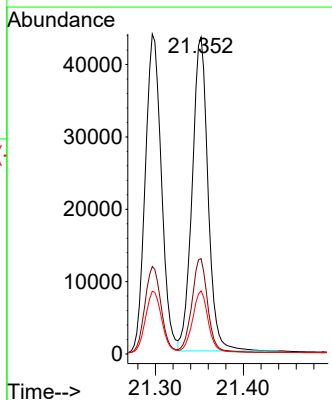
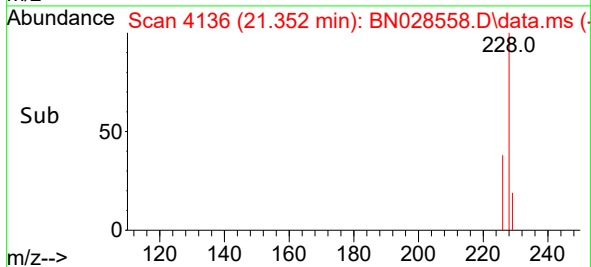
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Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.3 21.4 32.0

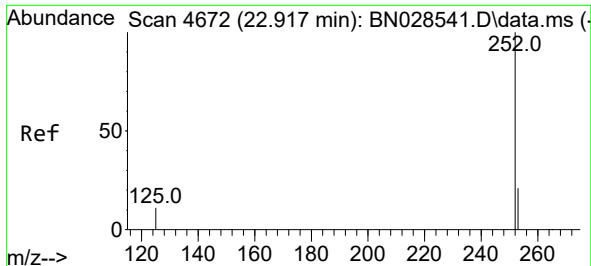


#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.352 min Scan# 4136
Delta R.T. -0.004 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33



Tgt Ion:228 Resp: 54353
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.9 15.4 23.2

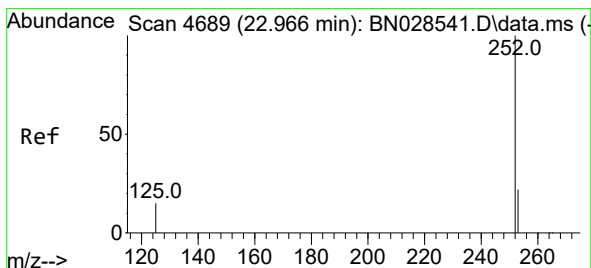
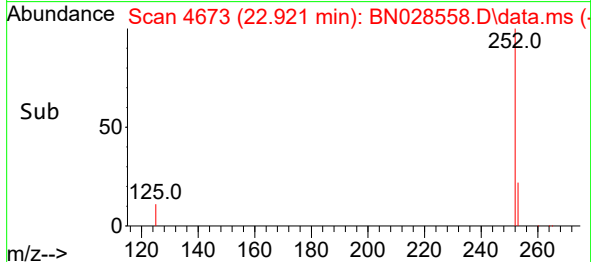
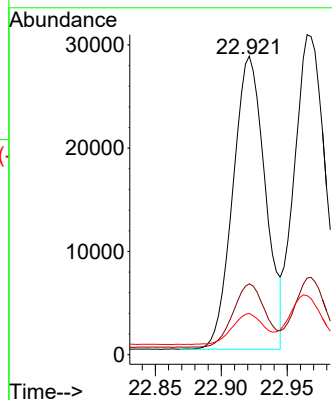
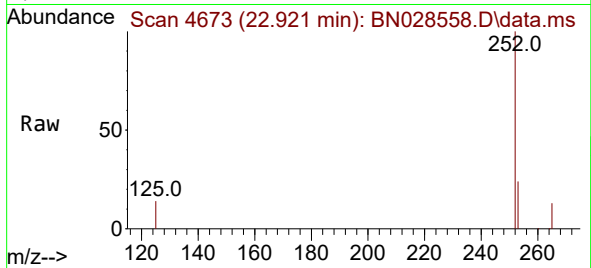




#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 22.921 min Scan# 4673
Delta R.T. -0.007 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

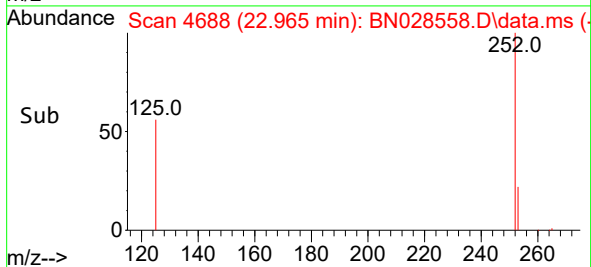
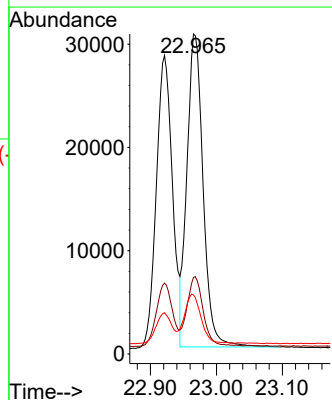
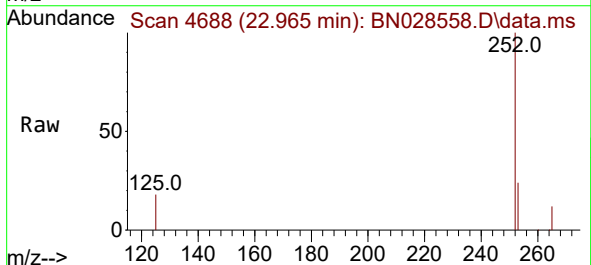
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

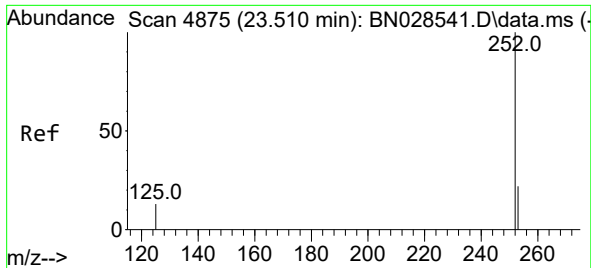
Tgt Ion:252 Resp: 48547
Ion Ratio Lower Upper
252 100
253 23.7 0.0 46.6
125 13.8 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 22.965 min Scan# 4688
Delta R.T. -0.010 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

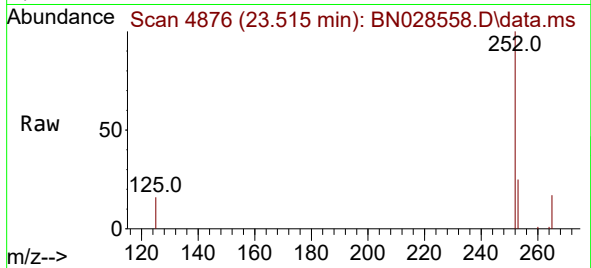
Tgt Ion:252 Resp: 51781
Ion Ratio Lower Upper
252 100
253 23.9 18.6 28.0
125 18.4 12.7 19.1



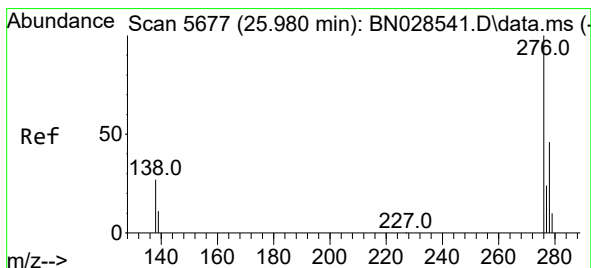
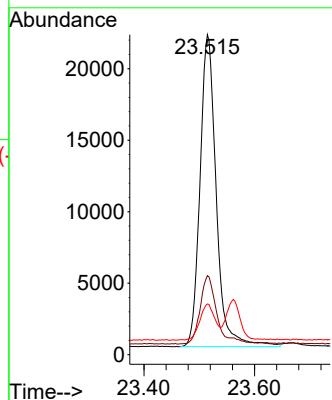
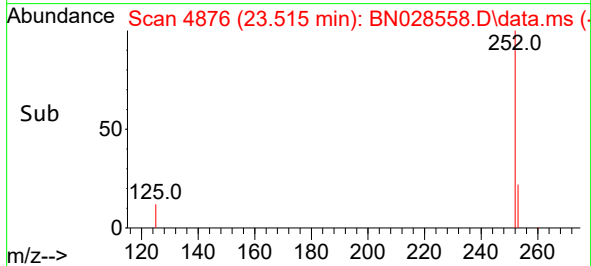


#26
Benzo(a)pyrene
Concen: 0.397 ng/ul
RT: 23.515 min Scan# 4875
Delta R.T. -0.010 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

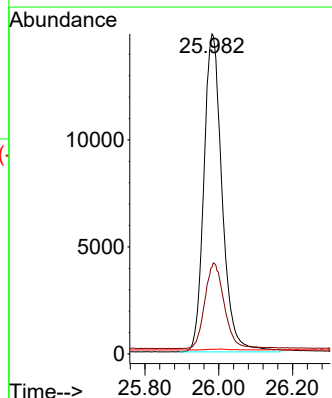
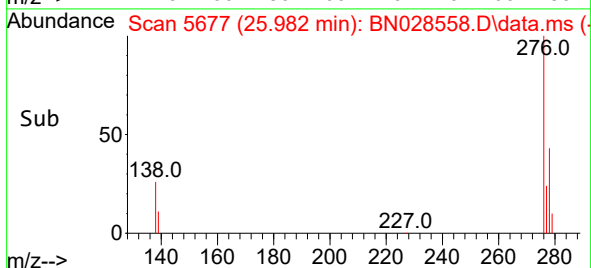
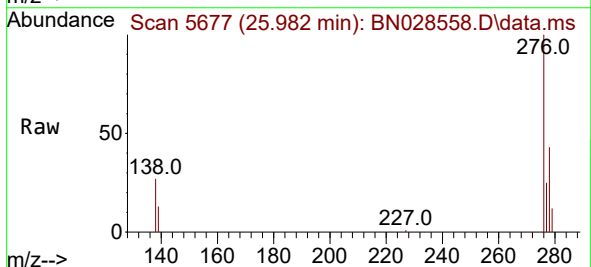


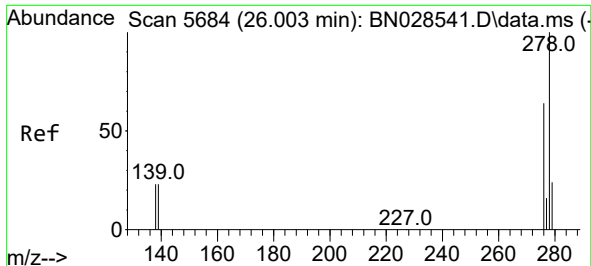
Tgt Ion:252 Resp: 44517
Ion Ratio Lower Upper
252 100
253 24.7 19.0 28.6
125 15.8 13.2 19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 25.982 min Scan# 5677
Delta R.T. -0.012 min
Lab File: BN028558.D
Acq: 10 Nov 2023 15:33

Tgt Ion:276 Resp: 50930
Ion Ratio Lower Upper
276 100
138 28.5 23.8 35.6
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.416 ng/ul

RT: 26.005 min Scan# 5

Delta R.T. -0.012 min

Lab File: BN028558.D

Acq: 10 Nov 2023 15:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4307

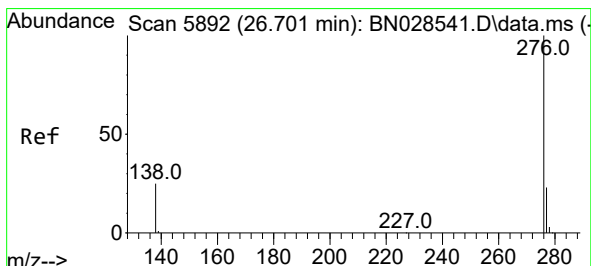
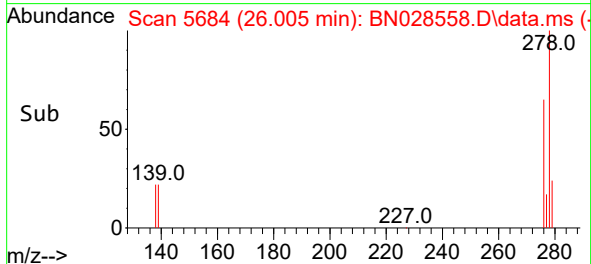
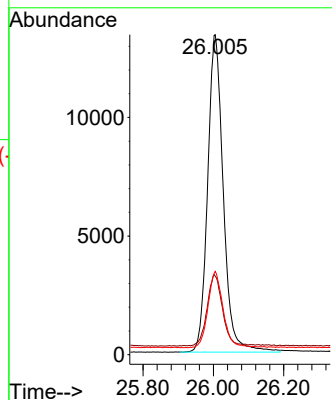
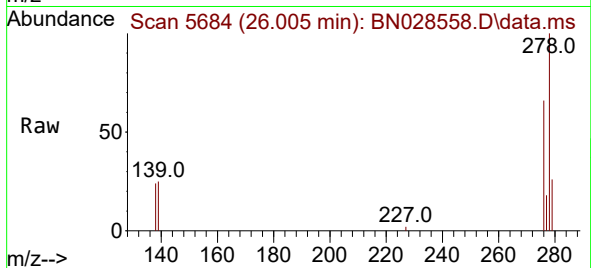
Tgt Ion:278 Resp: 41441

Ion Ratio Lower Upper

278 100

139 24.6 18.2 27.4

279 26.0 20.7 31.1



#29

Benzo(g,h,i)perylene

Concen: 0.401 ng/ul

RT: 26.706 min Scan# 5893

Delta R.T. -0.012 min

Lab File: BN028558.D

Acq: 10 Nov 2023 15:33

Tgt Ion:276 Resp: 40935

Ion Ratio Lower Upper

276 100

138 25.1 20.5 30.7

277 24.6 19.4 29.0

