

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
 Data File : BN027368.D
 Acq On : 05 Sep 2023 10:33
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4255

Quant Time: Sep 06 00:41:05 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

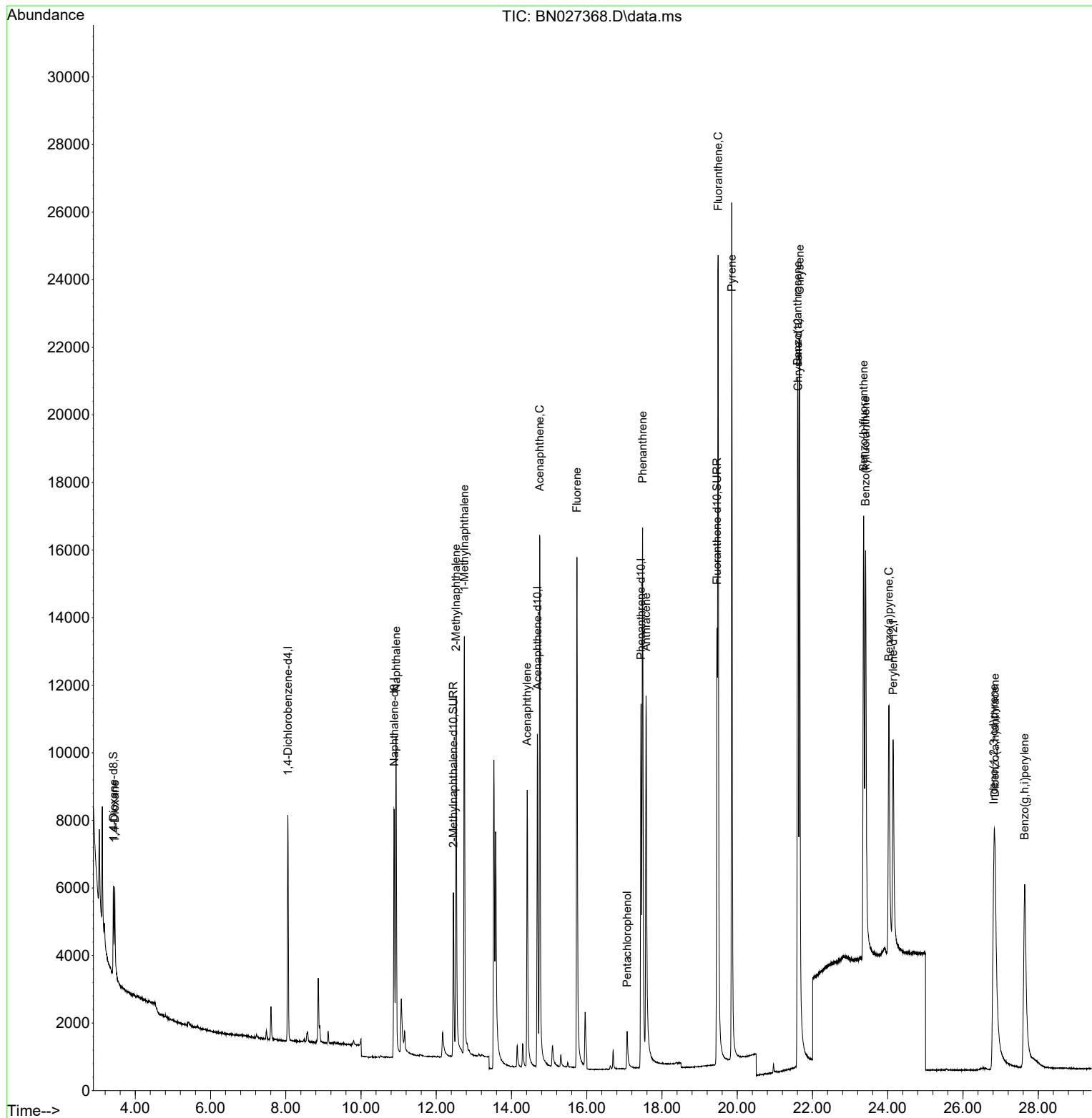
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3520	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	11275	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	6383	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.443	188	15405	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	13065	0.400	ng/ul	0.00
23) Perylene-d12	24.143	264	10897	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	1973	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	7270	0.425	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	18932	0.423	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.456	88	2115	0.446	ng/ul#	81
5) Naphthalene	10.933	128	14122	0.432	ng/ul	100
7) 2-Methylnaphthalene	12.527	142	8727	0.427	ng/ul	99
8) 1-Methylnaphthalene	12.747	142	9156	0.420	ng/ul	99
10) Acenaphthylene	14.416	152	12298	0.421	ng/ul	99
11) Acenaphthene	14.749	153	10780	0.429	ng/ul	100
12) Fluorene	15.739	166	12541	0.445	ng/ul	100
14) Pentachlorophenol	17.075	266	1207	0.402	ng/ul	98
15) Phenanthrene	17.485	178	21472	0.428	ng/ul	99
16) Anthracene	17.578	178	17038	0.427	ng/ul	100
19) Fluoranthene	19.492	202	25157	0.419	ng/ul	99
20) Pyrene	19.854	202	26075	0.426	ng/ul	99
21) Benzo(a)anthracene	21.603	228	18831	0.400	ng/ul	99
22) Chrysene	21.659	228	23270	0.424	ng/ul	100
24) Benzo(b)fluoranthene	23.360	252	21233	0.413	ng/ul	99
25) Benzo(k)fluoranthene	23.410	252	21636	0.430	ng/ul	99
26) Benzo(a)pyrene	24.029	252	16552	0.412	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.820	276	17896	0.401	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.850	278	13050	0.382	ng/ul	98
29) Benzo(g,h,i)perylene	27.639	276	17875	0.444	ng/ul	99

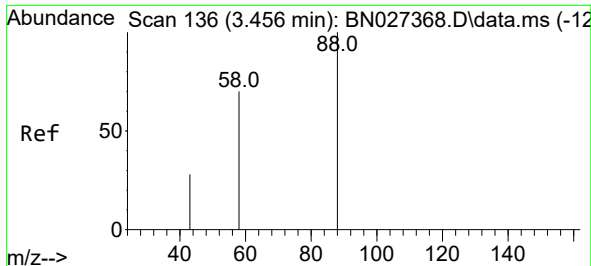
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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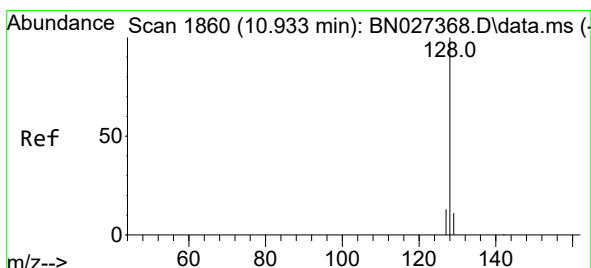
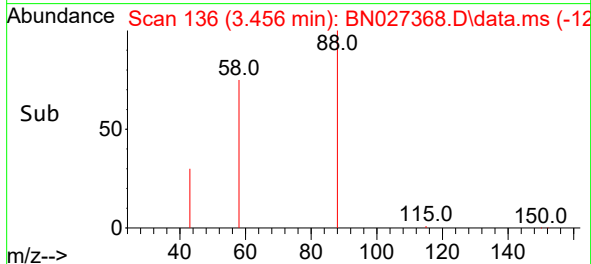
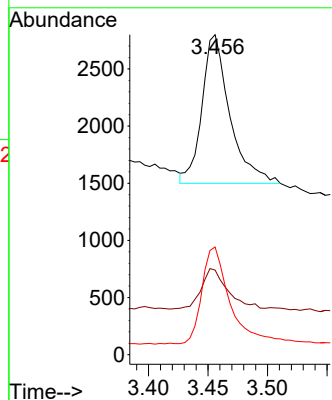
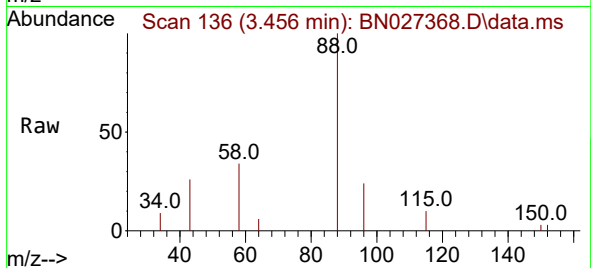




#2
1,4-Dioxane
Concen: 0.446 ng/ul
RT: 3.456 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

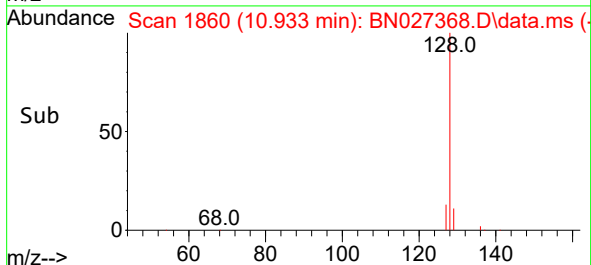
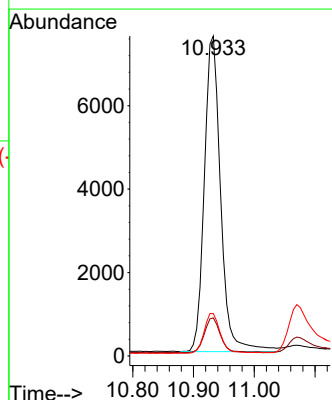
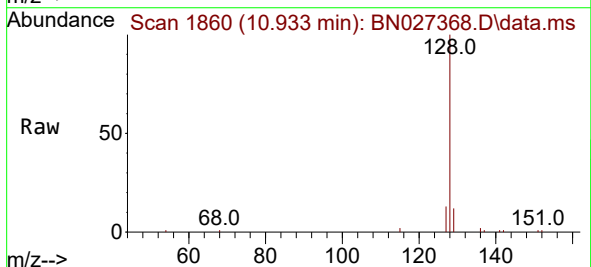
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

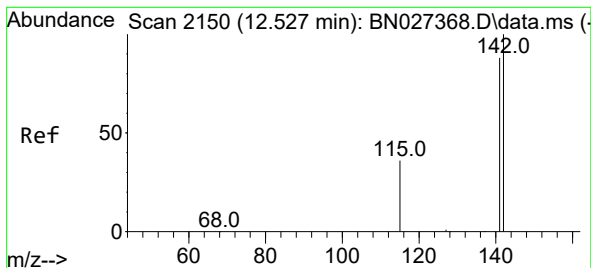
Tgt Ion: 88 Resp: 2115
Ion Ratio Lower Upper
88 100
43 26.5 26.8 40.2#
58 33.6 39.9 59.9#



#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

Tgt Ion:128 Resp: 14122
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.2 10.6 16.0

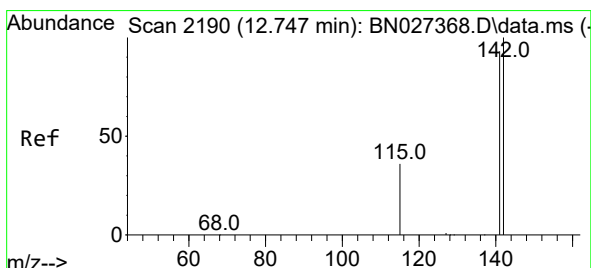
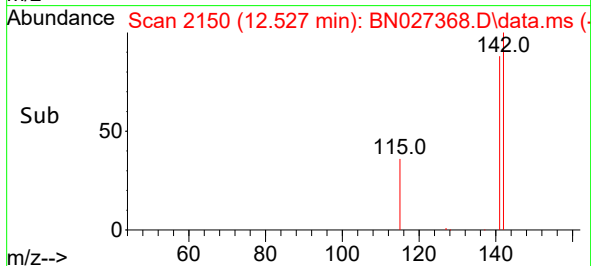
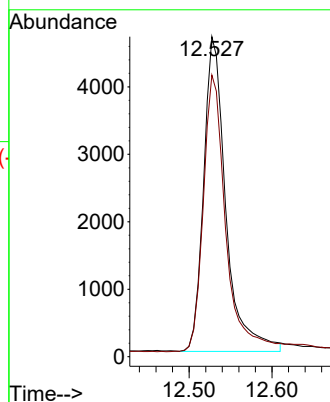
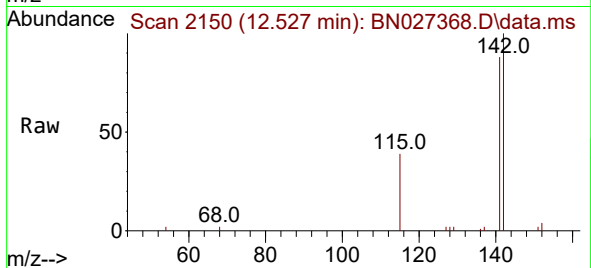




#7
2-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.527 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

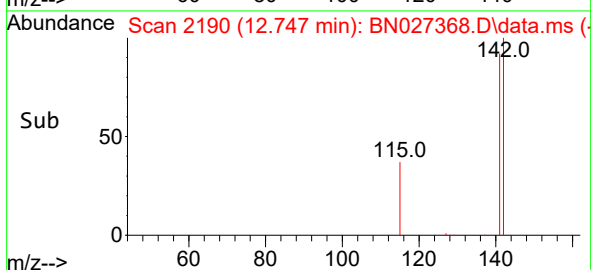
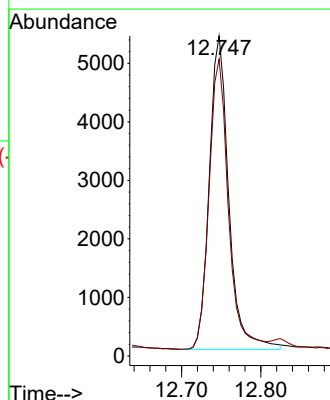
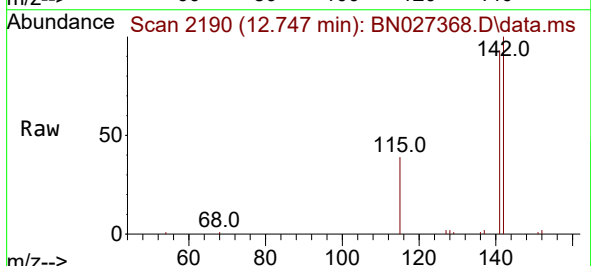
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

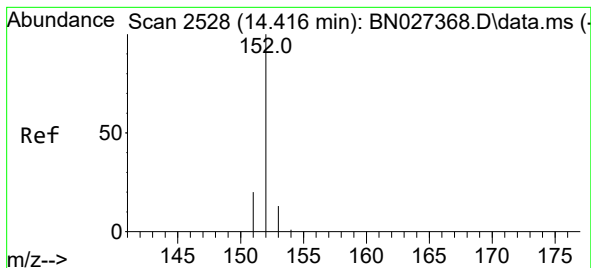
Tgt Ion:142 Resp: 8727
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.747 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

Tgt Ion:142 Resp: 9156
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4





#10

Acenaphthylene

Concen: 0.421 ng/ul

RT: 14.416 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027368.D

Acq: 05 Sep 2023 10:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4255

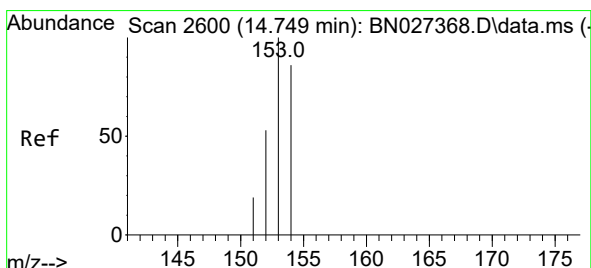
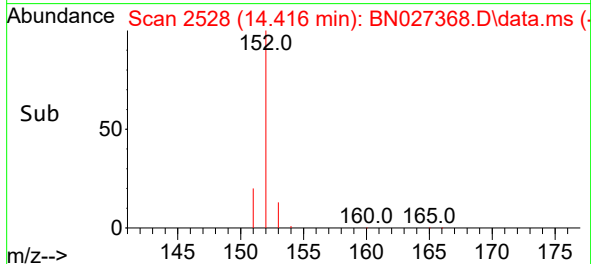
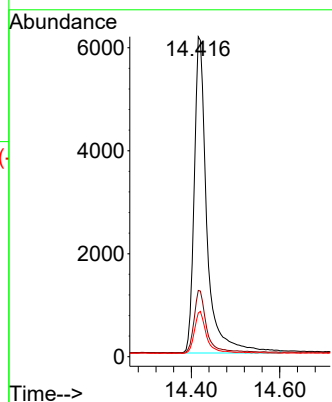
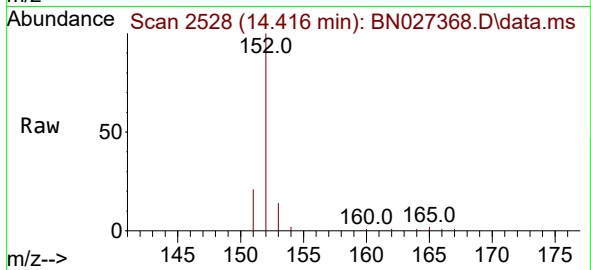
Tgt Ion:152 Resp: 12298

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.7 11.1 16.7



#11

Acenaphthene

Concen: 0.429 ng/ul

RT: 14.749 min Scan# 2600

Delta R.T. -0.000 min

Lab File: BN027368.D

Acq: 05 Sep 2023 10:33

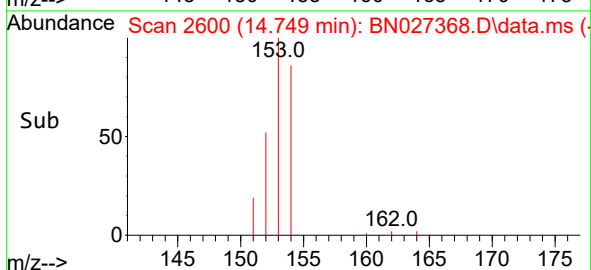
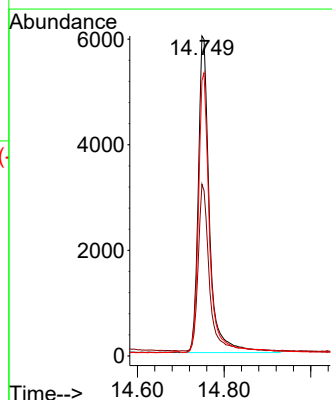
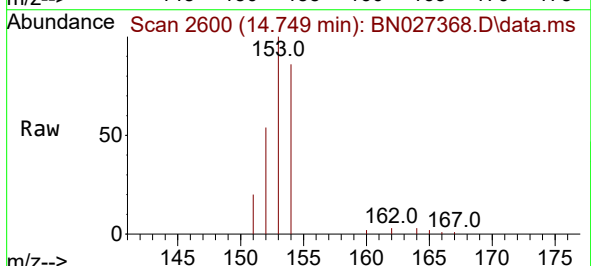
Tgt Ion:153 Resp: 10780

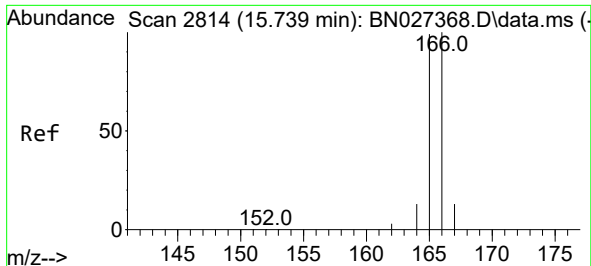
Ion Ratio Lower Upper

153 100

152 53.6 42.9 64.3

154 86.0 69.4 104.0

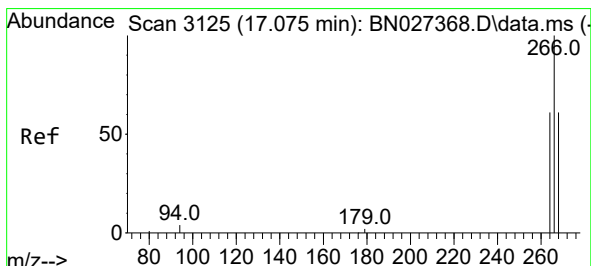
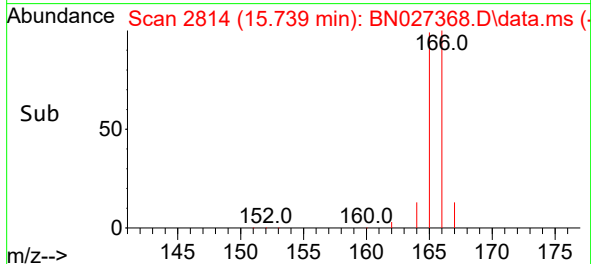
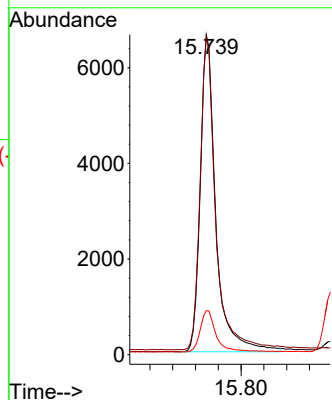
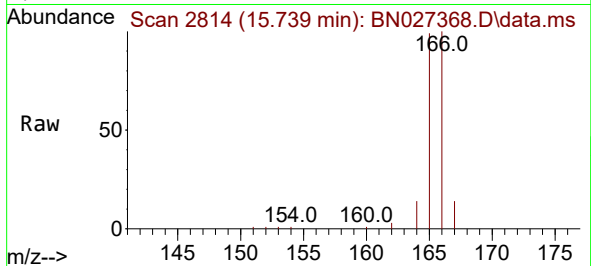




#12
Fluorene
Concen: 0.445 ng/ul
RT: 15.739 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

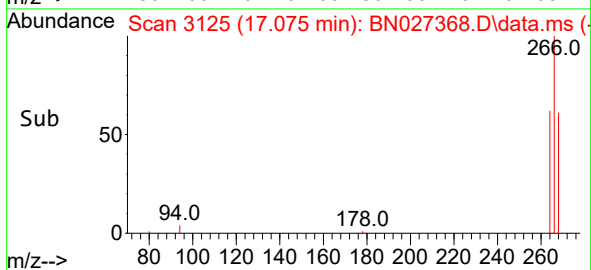
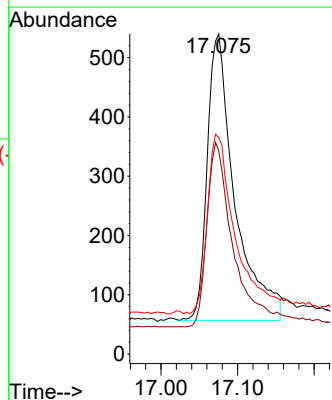
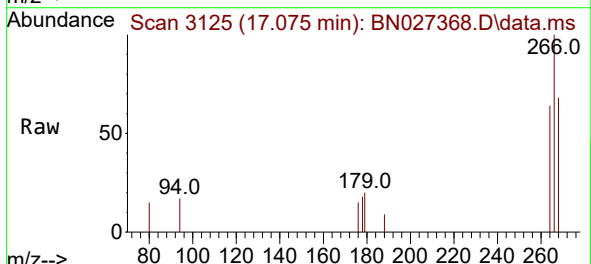
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

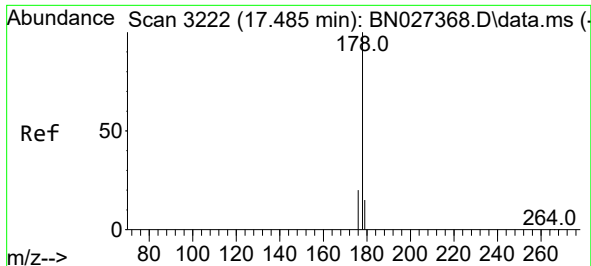
Tgt Ion:166 Resp: 12541
Ion Ratio Lower Upper
166 100
165 99.3 79.6 119.4
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.402 ng/ul
RT: 17.075 min Scan# 3125
Delta R.T. 0.008 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

Tgt Ion:266 Resp: 1207
Ion Ratio Lower Upper
266 100
264 61.5 50.4 75.6
268 63.8 51.9 77.9

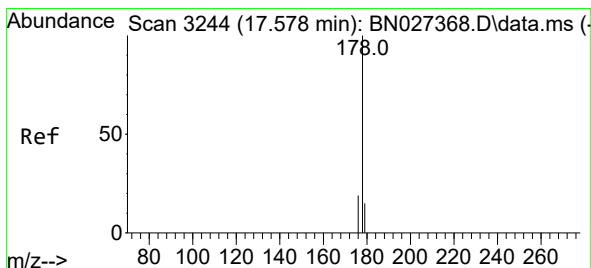
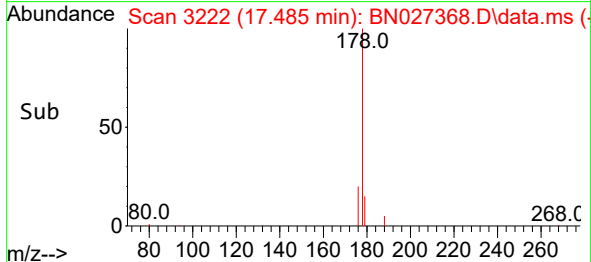
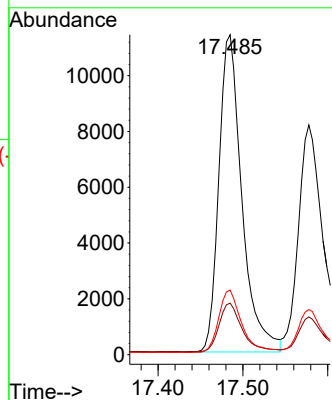
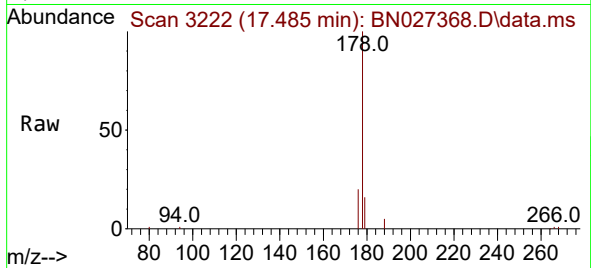




#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.485 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

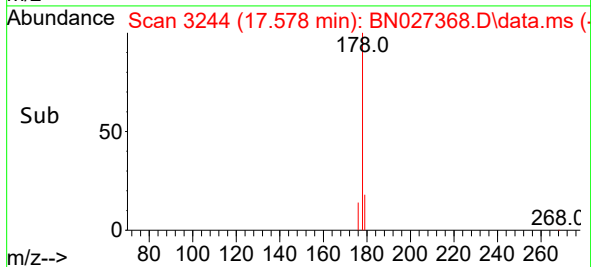
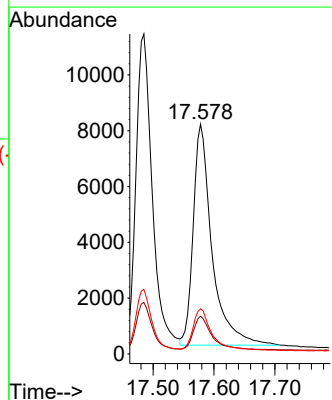
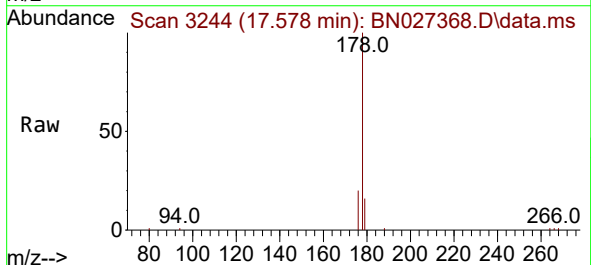
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

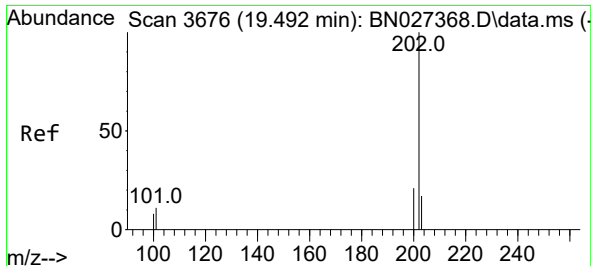
Tgt Ion:178 Resp: 21472
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.2 15.8 23.8



#16
Anthracene
Concen: 0.427 ng/ul
RT: 17.578 min Scan# 3244
Delta R.T. 0.004 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

Tgt Ion:178 Resp: 17038
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.6 15.6 23.4

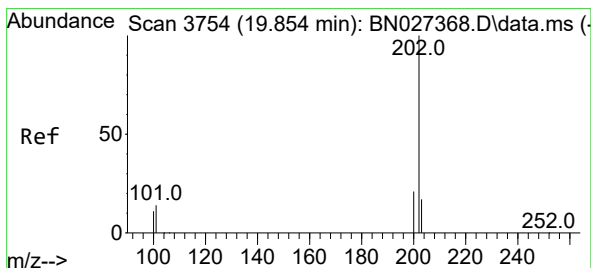
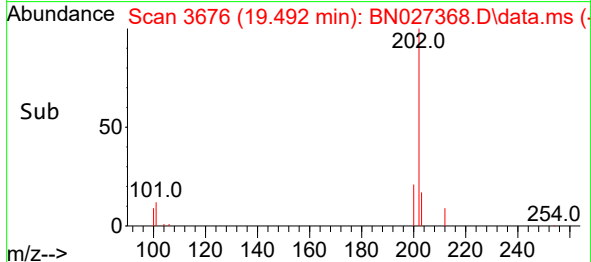
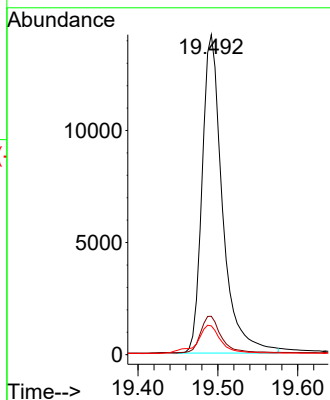
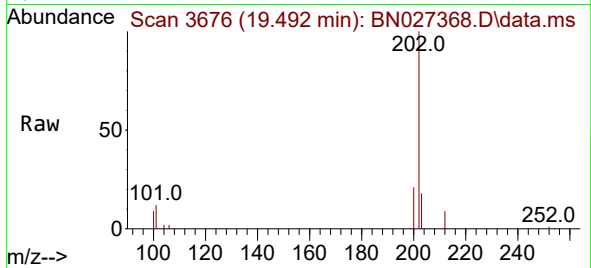




#19
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.492 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

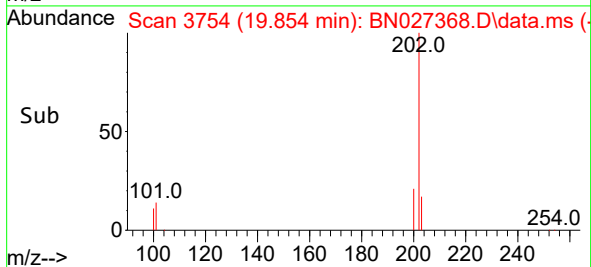
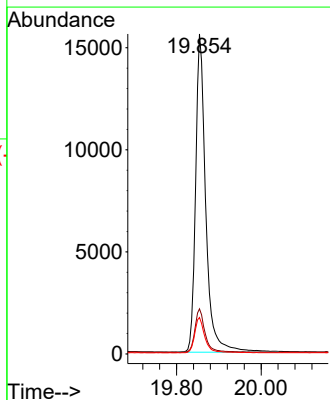
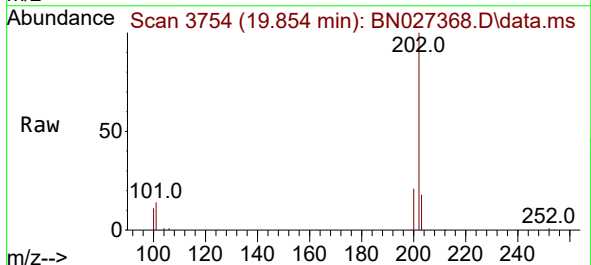
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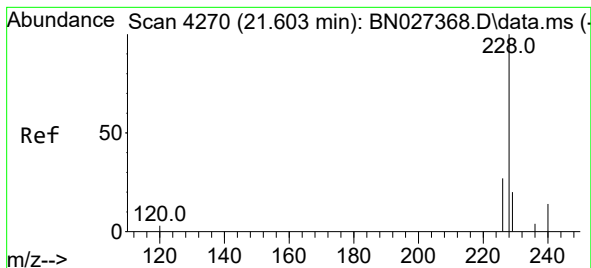
Tgt Ion:202 Resp: 25157
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.0
100 9.0 6.9 10.3



#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.854 min Scan# 3754
Delta R.T. 0.005 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

Tgt Ion:202 Resp: 26075
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.4 9.4 14.2





#21

Benzo(a)anthracene

Concen: 0.400 ng/ul

RT: 21.603 min Scan# 4270

Delta R.T. 0.012 min

Lab File: BN027368.D

Acq: 05 Sep 2023 10:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4255

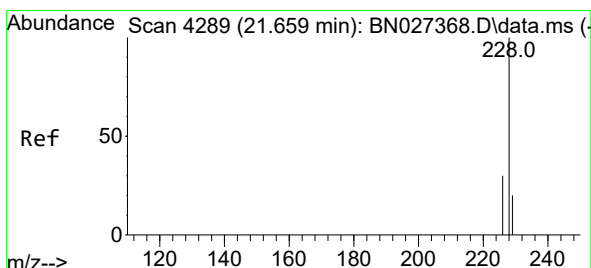
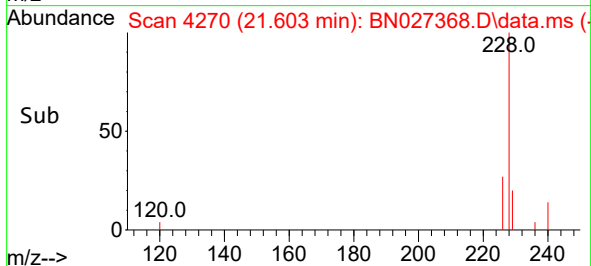
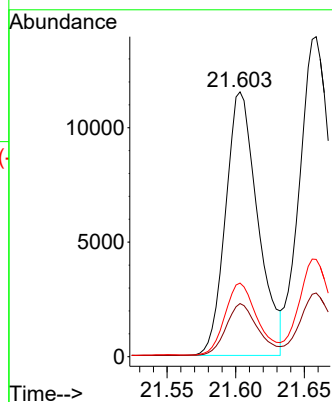
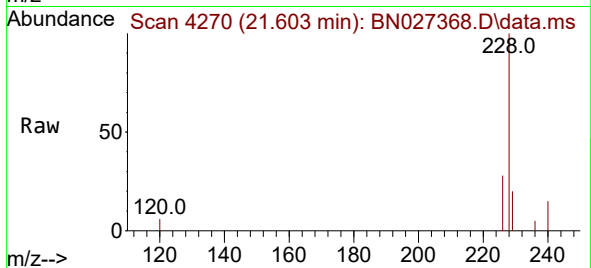
Tgt Ion:228 Resp: 18831

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 27.8 22.0 33.0



#22

Chrysene

Concen: 0.424 ng/ul

RT: 21.659 min Scan# 4289

Delta R.T. 0.012 min

Lab File: BN027368.D

Acq: 05 Sep 2023 10:33

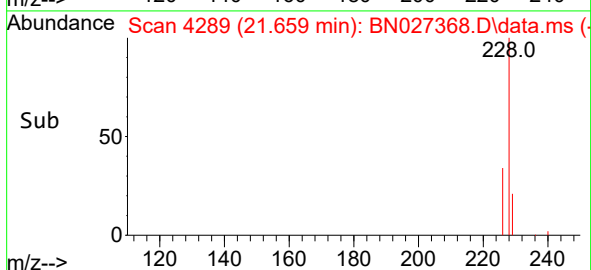
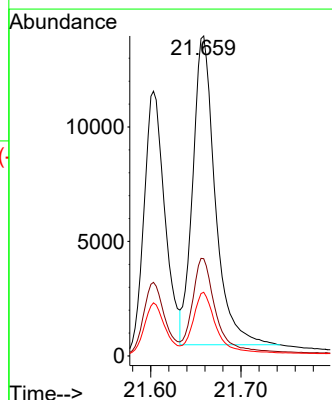
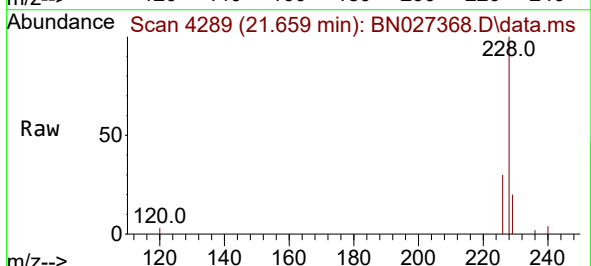
Tgt Ion:228 Resp: 23270

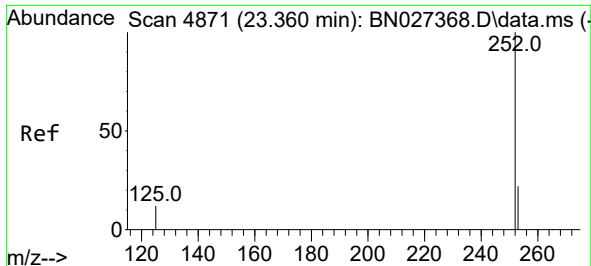
Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 15.6 23.4

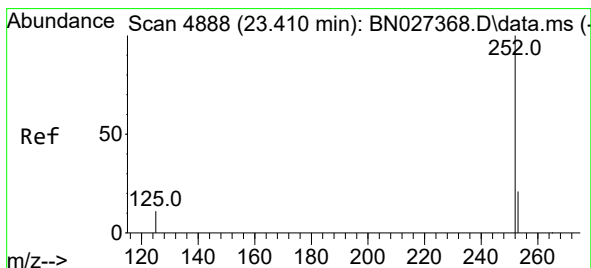
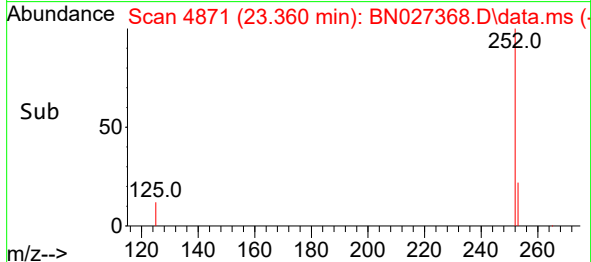
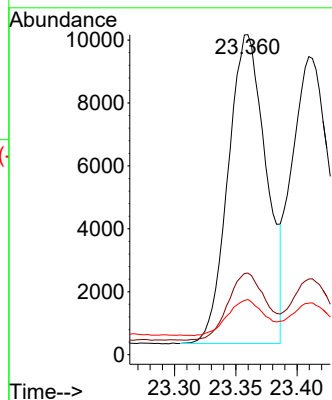
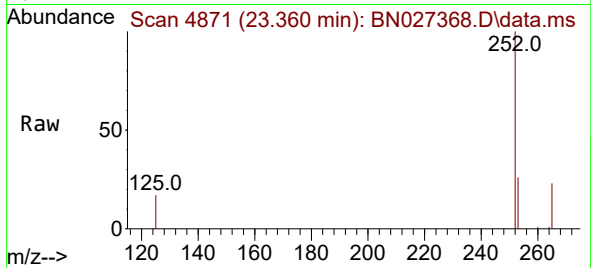




#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 23.360 min Scan# 4871
Delta R.T. 0.015 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

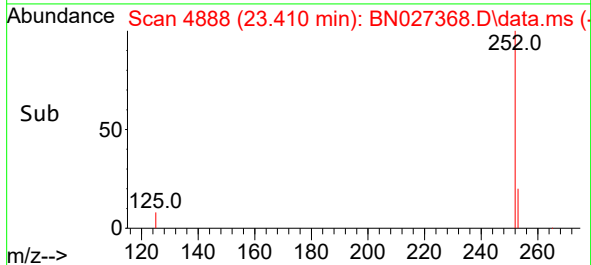
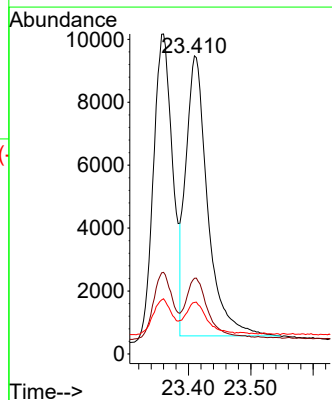
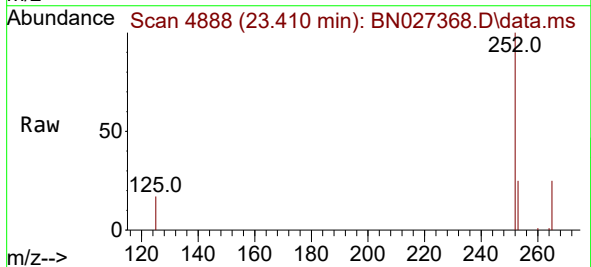
Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

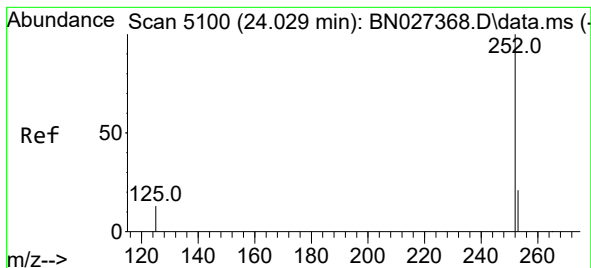
Tgt Ion:252 Resp: 21233
Ion Ratio Lower Upper
252 100
253 25.5 0.0 49.6
125 17.3 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.410 min Scan# 4888
Delta R.T. 0.012 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

Tgt Ion:252 Resp: 21636
Ion Ratio Lower Upper
252 100
253 25.4 19.9 29.9
125 17.3 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.412 ng/ul

RT: 24.029 min Scan# 5100

Delta R.T. 0.012 min

Lab File: BN027368.D

Acq: 05 Sep 2023 10:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4255

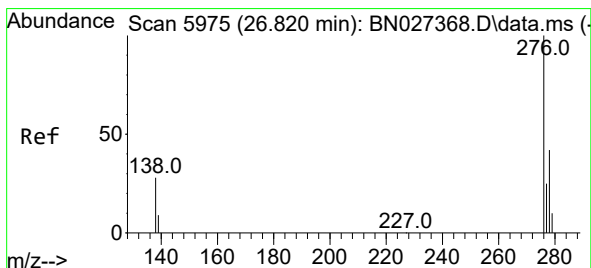
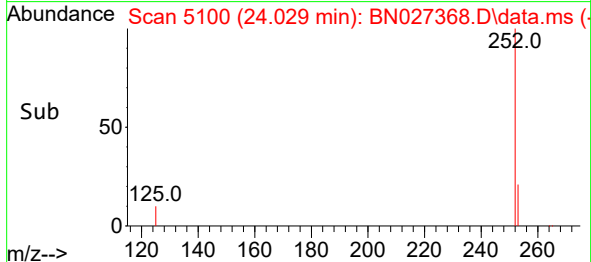
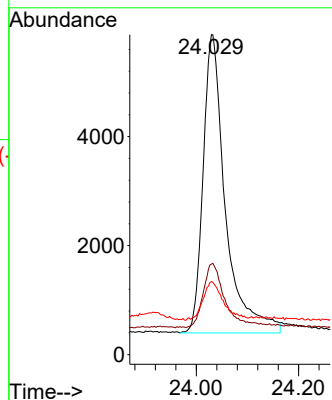
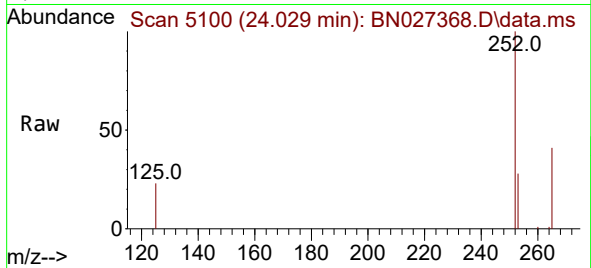
Tgt Ion:252 Resp: 16552

Ion Ratio Lower Upper

252 100

253 28.3 22.4 33.6

125 22.8 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng/ul

RT: 26.820 min Scan# 5975

Delta R.T. 0.020 min

Lab File: BN027368.D

Acq: 05 Sep 2023 10:33

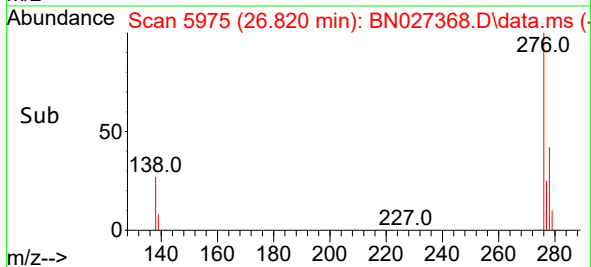
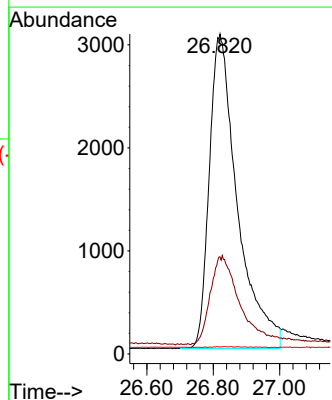
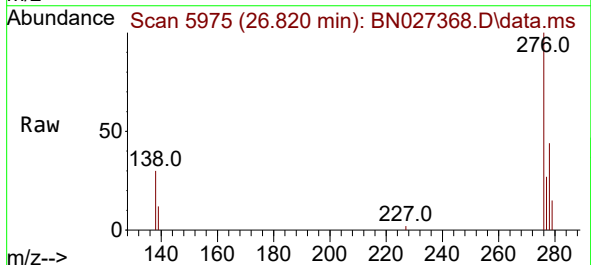
Tgt Ion:276 Resp: 17896

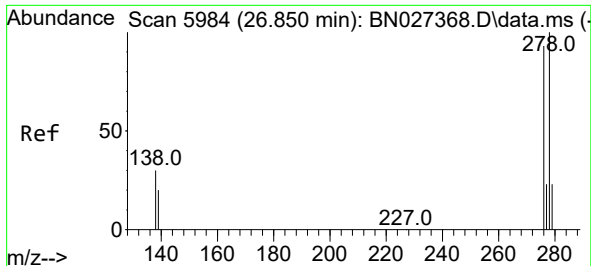
Ion Ratio Lower Upper

276 100

138 29.7 23.9 35.9

227 0.1 0.1 0.1#

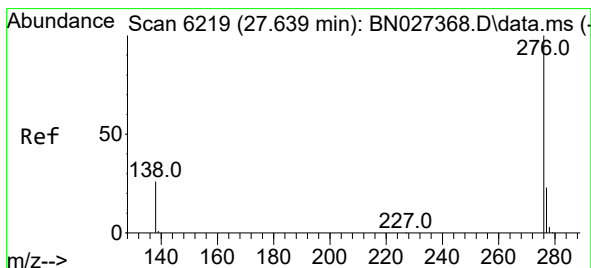
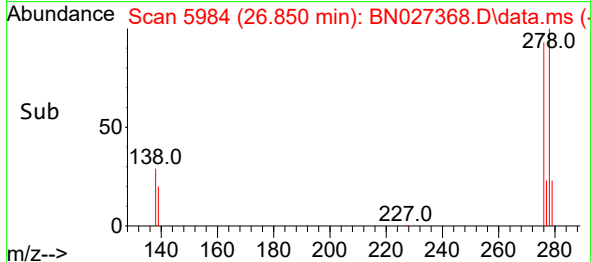
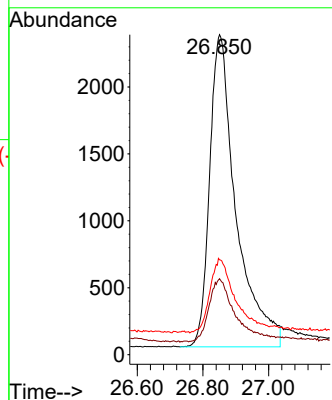
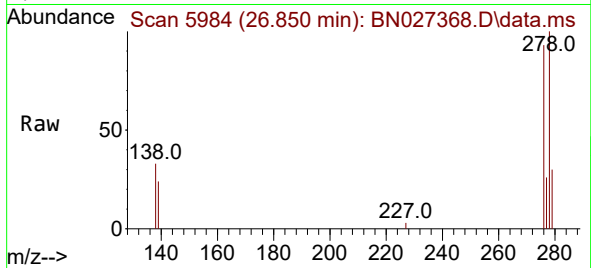




#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.850 min Scan# 5984
Delta R.T. 0.017 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.4255

Tgt Ion:278 Resp: 13050
Ion Ratio Lower Upper
278 100
139 23.8 18.0 27.0
279 29.7 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 27.639 min Scan# 6219
Delta R.T. 0.010 min
Lab File: BN027368.D
Acq: 05 Sep 2023 10:33

Tgt Ion:276 Resp: 17875
Ion Ratio Lower Upper
276 100
138 27.9 22.1 33.1
277 24.9 20.2 30.4

