

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027543.D
 Acq On : 10 Sep 2023 16:38
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4259

Quant Time: Sep 11 01:20:06 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 : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

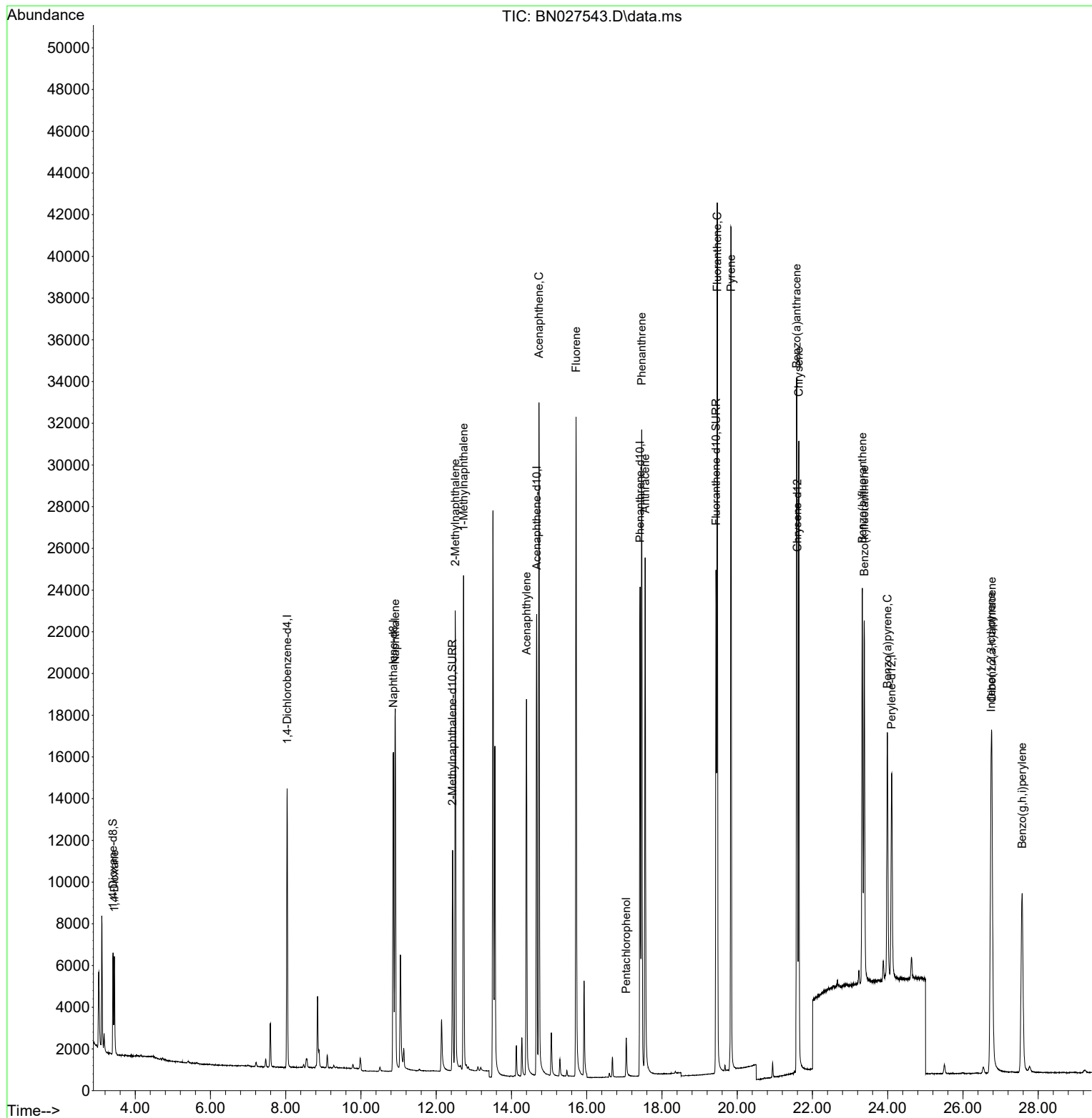
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	6869	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	22338	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.671	164	13154	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.418	188	28889	0.400	ng/ul	0.00
17) Chrysene-d12	21.598	240	18782	0.400	ng/ul	0.00
23) Perylene-d12	24.103	264	15732	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3280	0.359	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	13913	0.410	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	28126	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	3330	0.360	ng/ul#	90
5) Naphthalene	10.911	128	24998	0.386	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	16331	0.403	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	16751	0.388	ng/ul	99
10) Acenaphthylene	14.398	152	22800	0.379	ng/ul	99
11) Acenaphthene	14.731	153	19209	0.371	ng/ul	98
12) Fluorene	15.716	166	22049	0.380	ng/ul	99
14) Pentachlorophenol	17.050	266	1461	0.259	ng/ul	99
15) Phenanthrene	17.460	178	34996	0.372	ng/ul	99
16) Anthracene	17.553	178	29222	0.391	ng/ul	99
19) Fluoranthene	19.469	202	36514	0.423	ng/ul	99
20) Pyrene	19.836	202	36238	0.412	ng/ul	95
21) Benzo(a)anthracene	21.577	228	27490	0.406	ng/ul	100
22) Chrysene	21.636	228	28035	0.355	ng/ul	99
24) Benzo(b)fluoranthene	23.325	252	26100	0.351	ng/ul	97
25) Benzo(k)fluoranthene	23.378	252	24958	0.344	ng/ul	97
26) Benzo(a)pyrene	23.992	252	20879	0.360	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.747	276	25858	0.401	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.767	278	20713	0.420	ng/ul	96
29) Benzo(g,h,i)perylene	27.572	276	22183	0.381	ng/ul	97

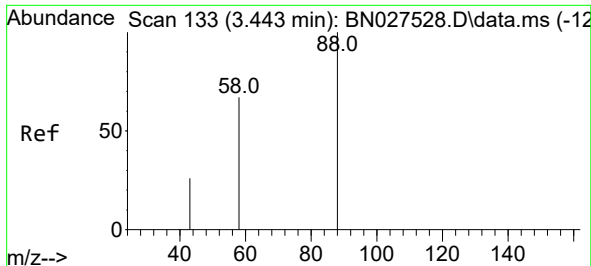
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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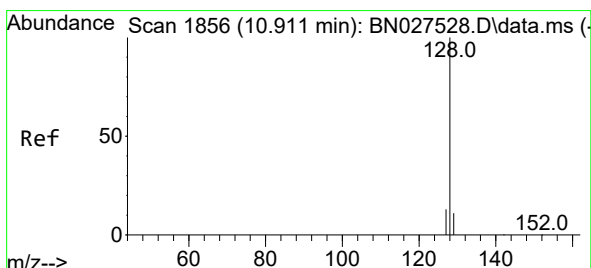
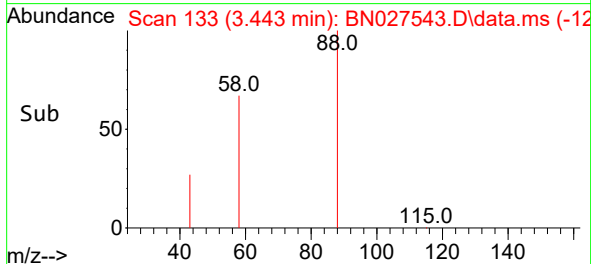
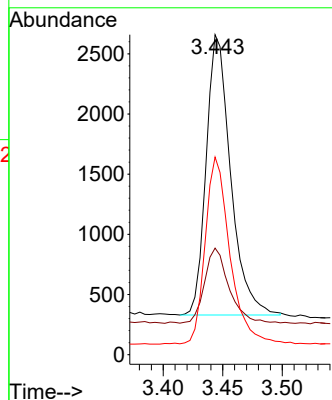
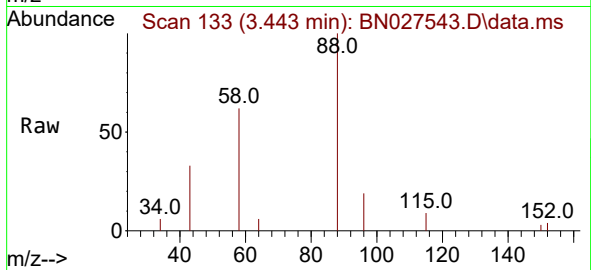




#2
1,4-Dioxane
Concen: 0.360 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

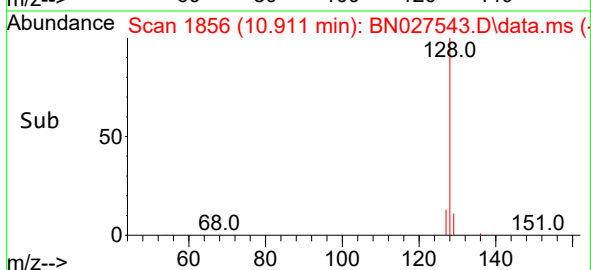
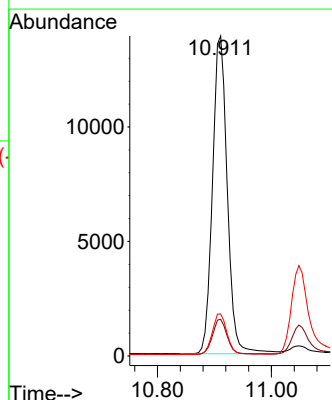
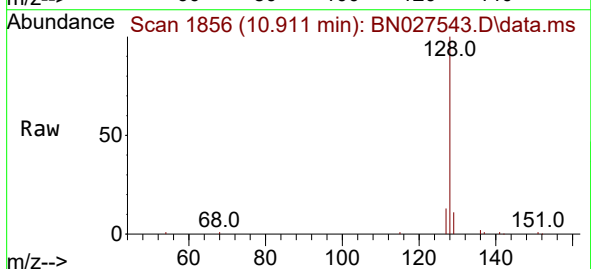
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

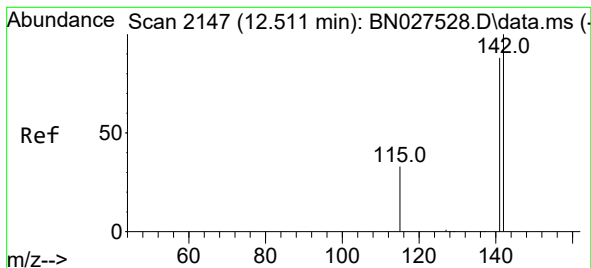
Tgt Ion: 88 Resp: 3330
Ion Ratio Lower Upper
88 100
43 33.3 26.8 40.2
58 61.8 39.9 59.9#



#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Tgt Ion:128 Resp: 24998
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.1 10.6 16.0

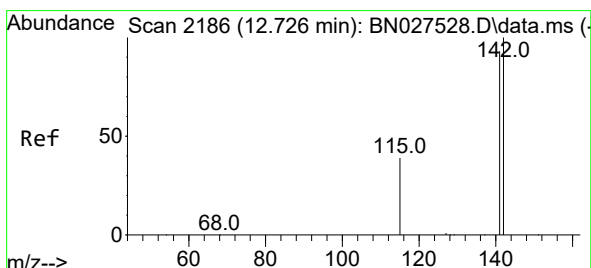
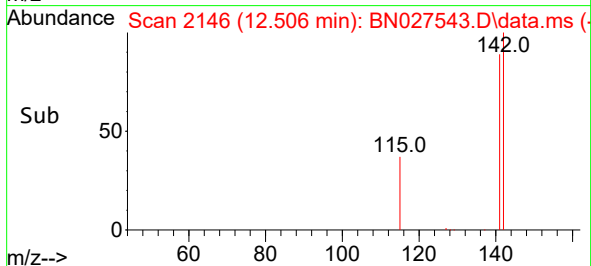
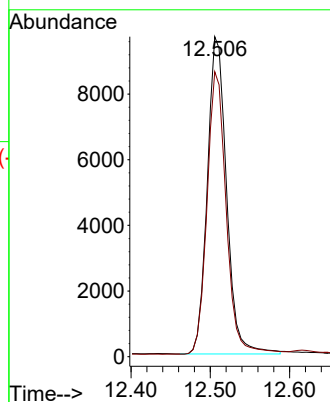
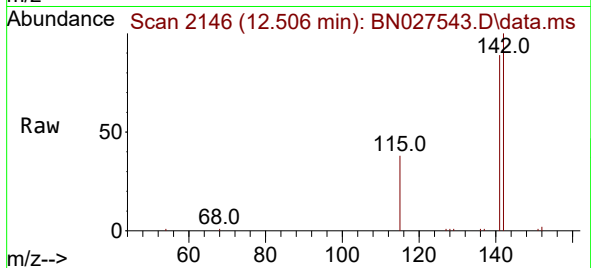




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.017 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

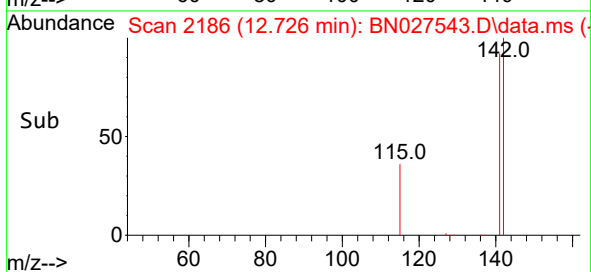
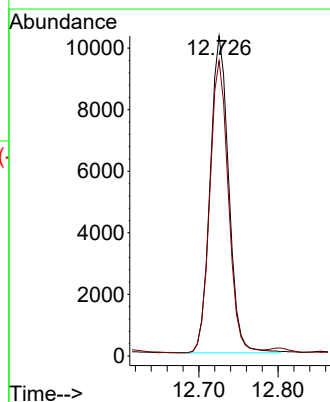
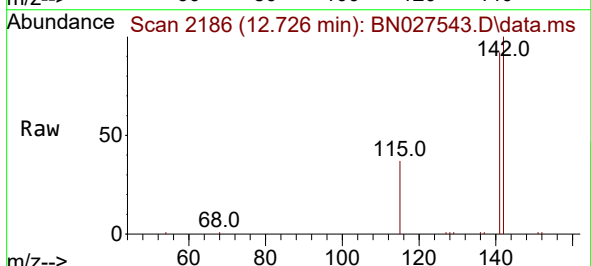
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

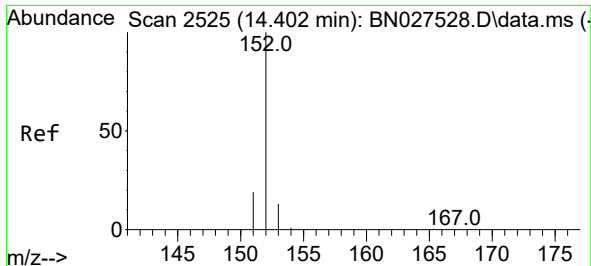
Tgt Ion:142 Resp: 16331
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Tgt Ion:142 Resp: 16751
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4

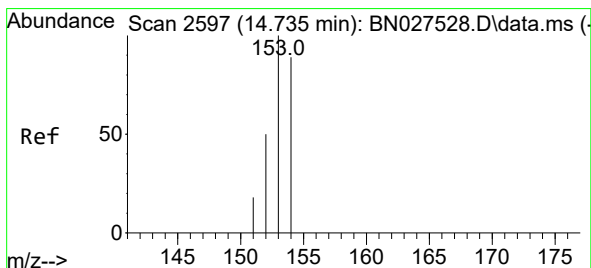
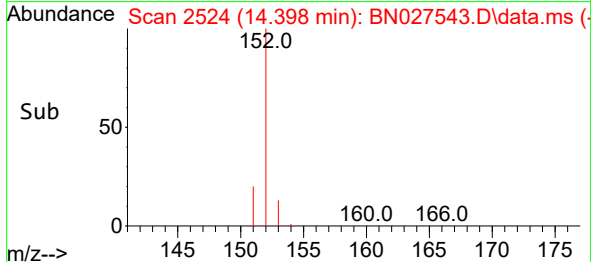
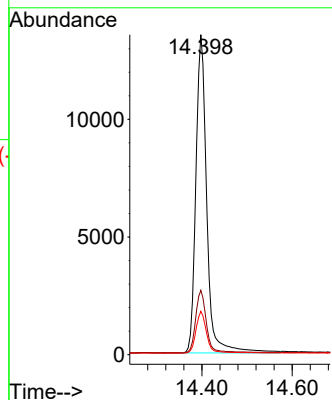
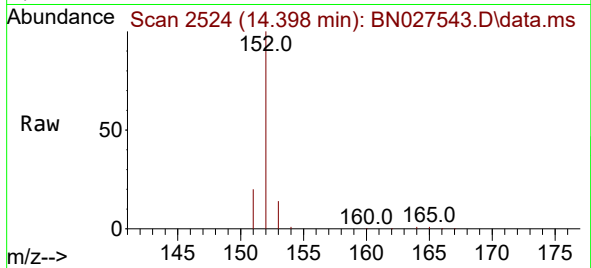




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.398 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

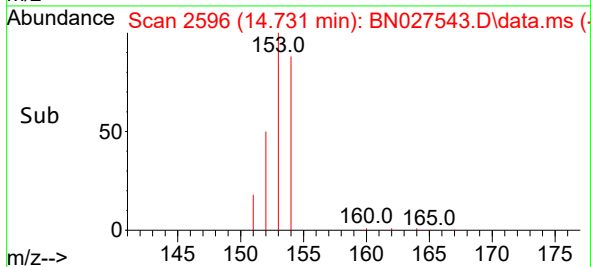
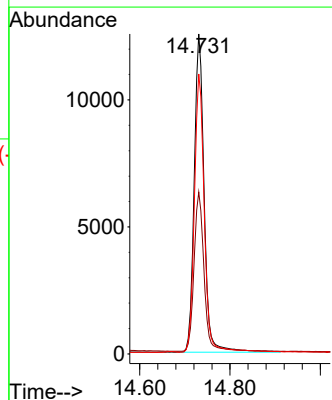
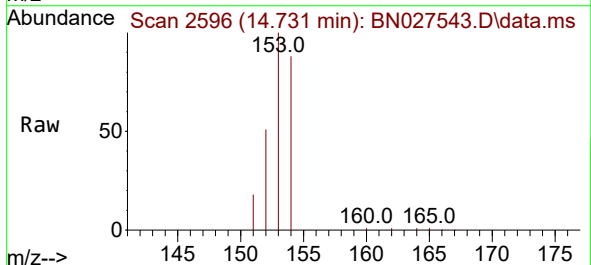
Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

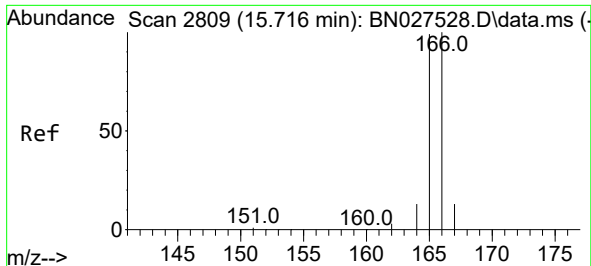
Tgt Ion:152 Resp: 22800
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Tgt Ion:153 Resp: 19209
Ion Ratio Lower Upper
153 100
152 50.6 42.9 64.3
154 87.5 69.4 104.0

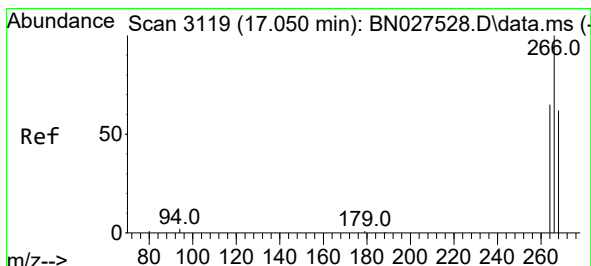
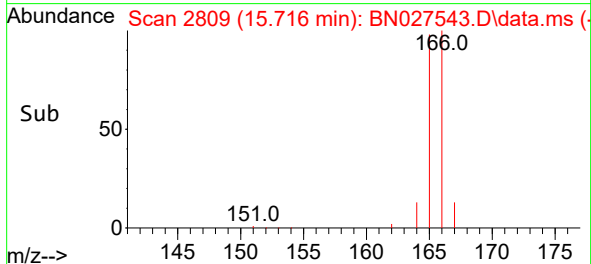
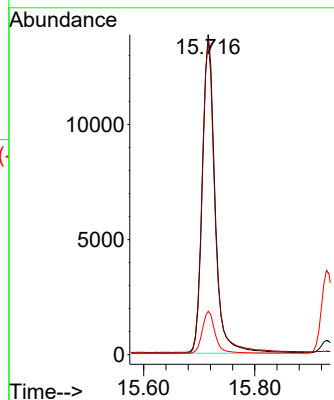
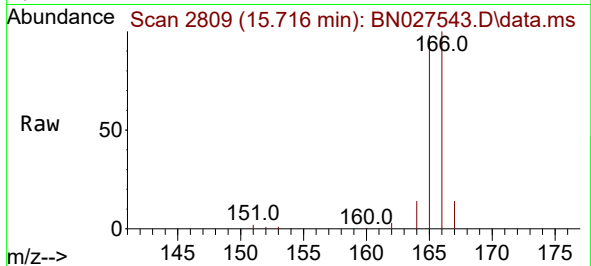




#12
 Fluorene
 Concen: 0.380 ng/ul
 RT: 15.716 min Scan# 2809
 Delta R.T. -0.009 min
 Lab File: BN027543.D
 Acq: 10 Sep 2023 16:38

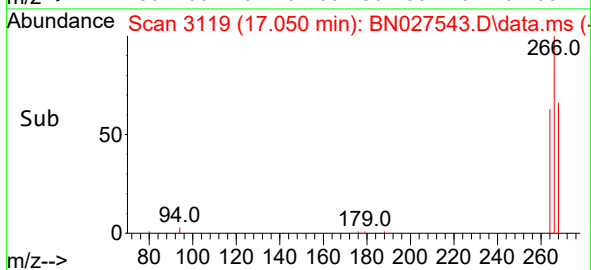
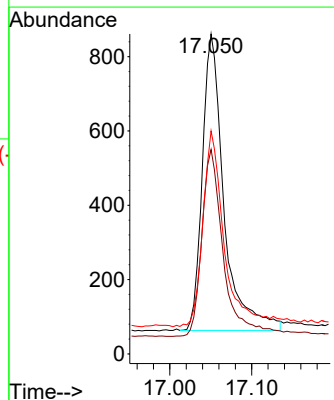
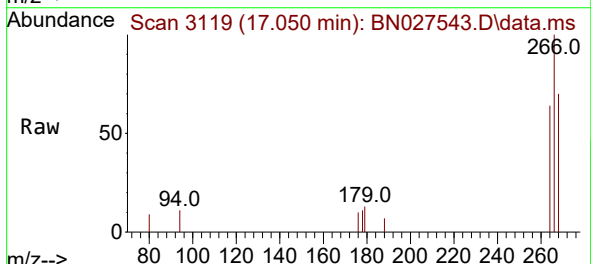
Instrument :
 BNA_N
 ClientSampleId :
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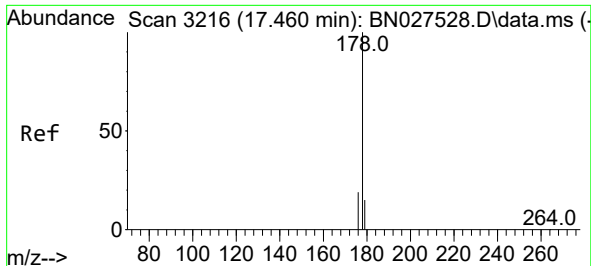
Tgt Ion:166 Resp: 22049
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.6 119.4
 167 13.6 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.259 ng/ul
 RT: 17.050 min Scan# 3119
 Delta R.T. -0.009 min
 Lab File: BN027543.D
 Acq: 10 Sep 2023 16:38

Tgt Ion:266 Resp: 1461
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.4 75.6
 268 66.3 51.9 77.9

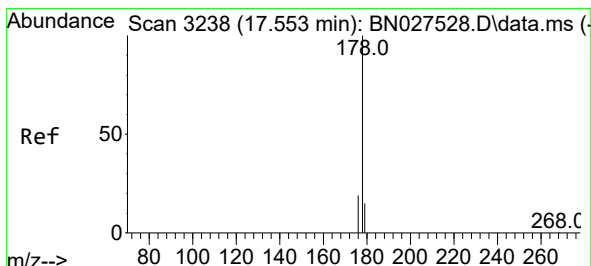
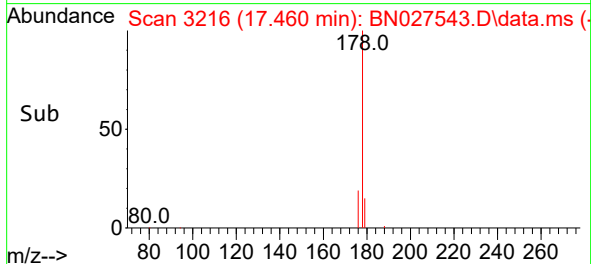
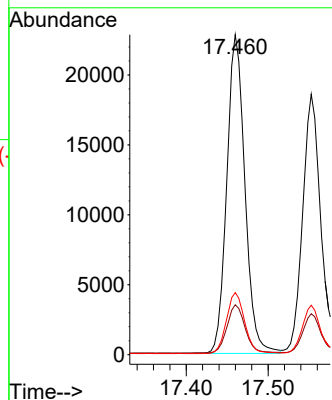
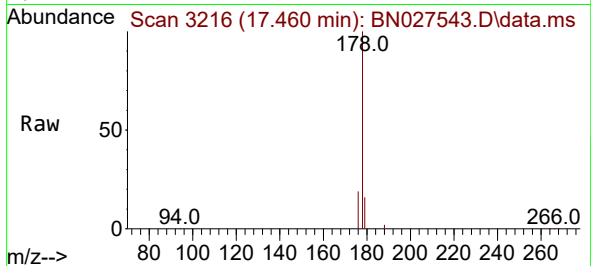




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.460 min Scan# 3216
Delta R.T. -0.009 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

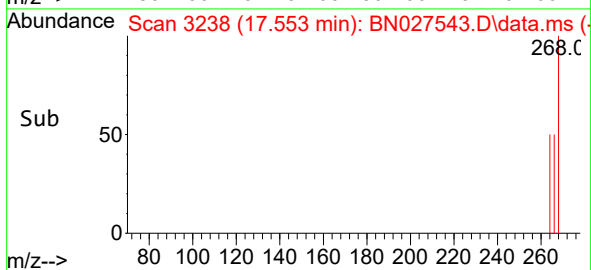
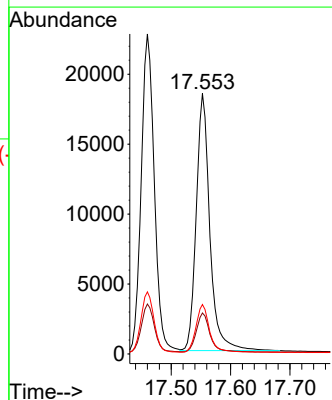
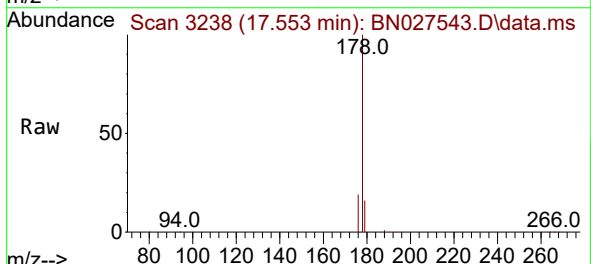
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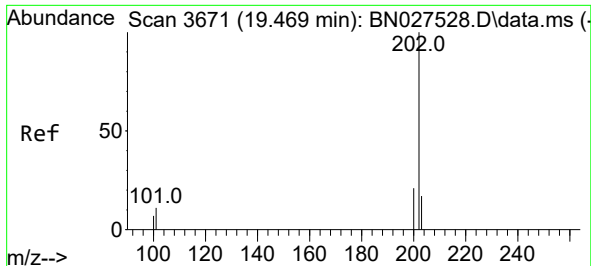
Tgt Ion:178 Resp: 34996
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.8 23.8



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.553 min Scan# 3238
Delta R.T. -0.008 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Tgt Ion:178 Resp: 29222
Ion Ratio Lower Upper
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179 15.8 13.0 19.6
176 19.0 15.6 23.4

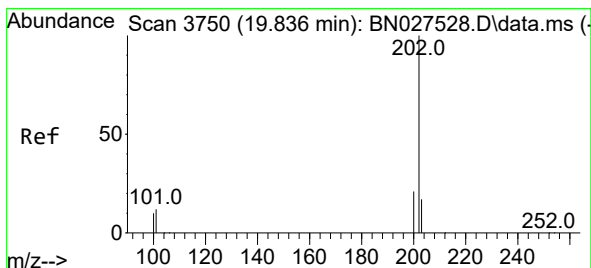
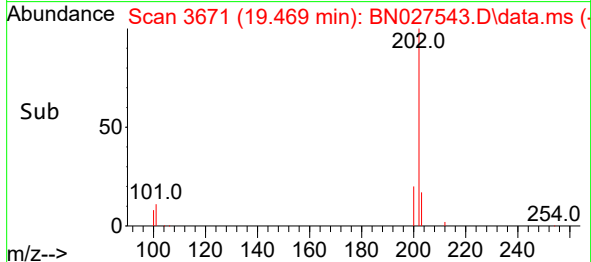
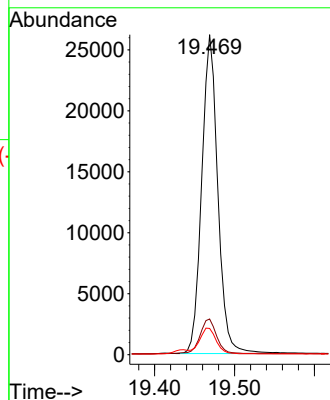
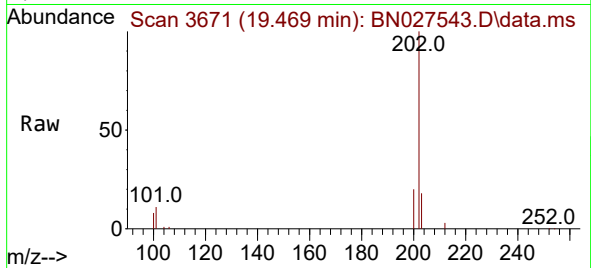




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.469 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

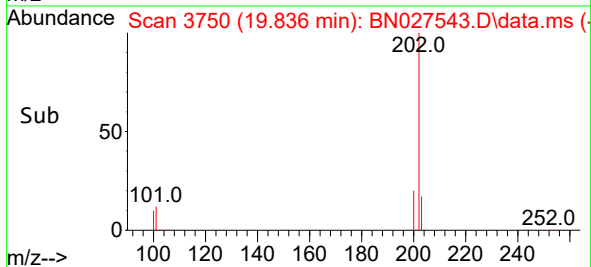
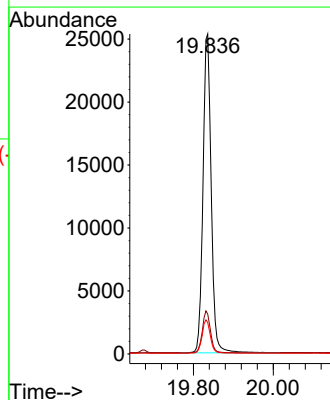
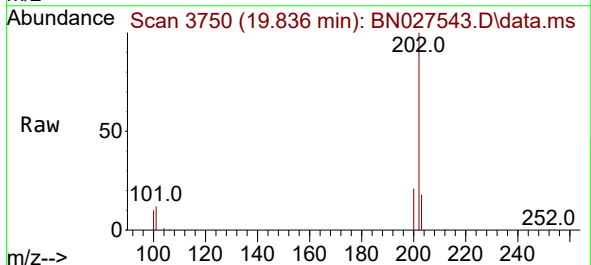
Instrument :
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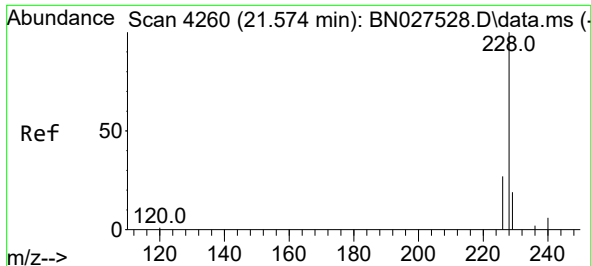
Tgt Ion:202 Resp: 36514
Ion Ratio Lower Upper
202 100
101 11.1 9.4 14.0
100 8.2 6.9 10.3



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

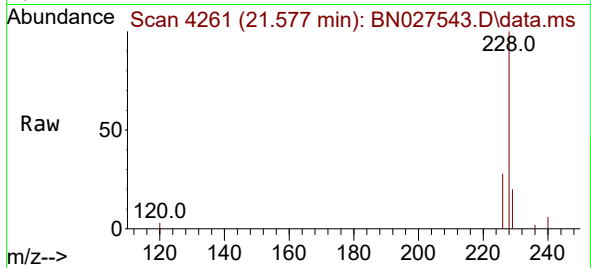
Tgt Ion:202 Resp: 36238
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.2
100 9.8 9.4 14.2



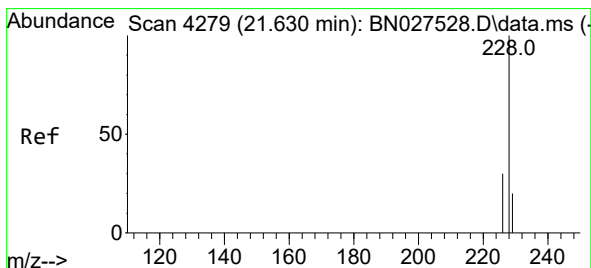
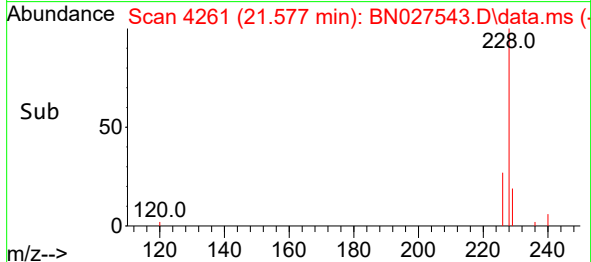
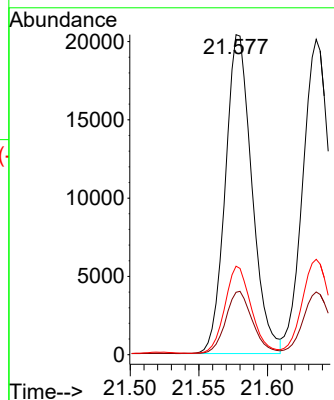


#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.577 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Instrument :
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ClientSampleId :
SSTD0.4259

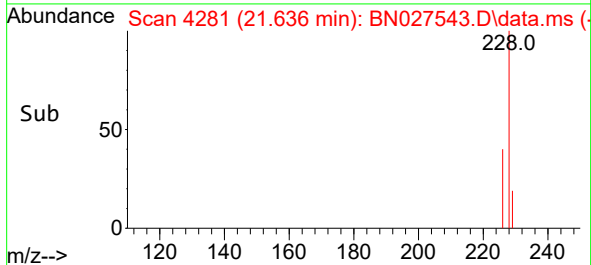
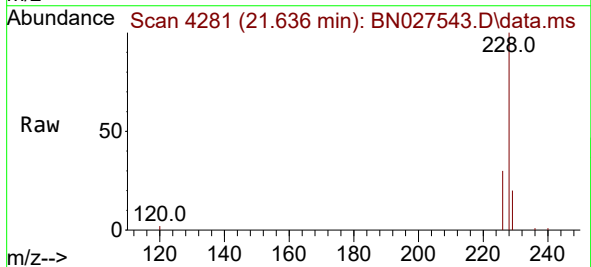
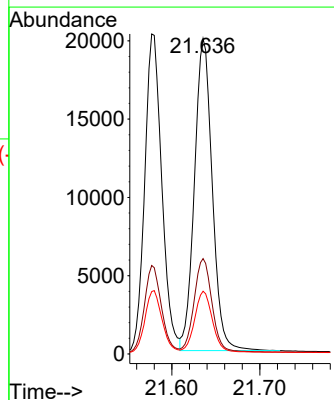


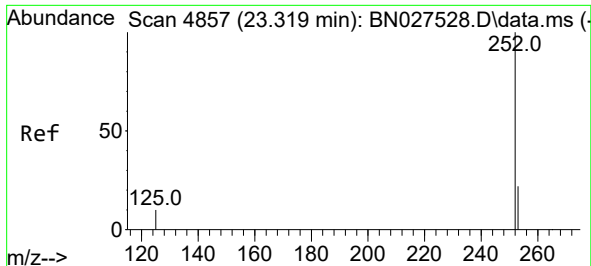
Tgt Ion:228 Resp: 27490
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.7 22.0 33.0



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.636 min Scan# 4281
Delta R.T. -0.000 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

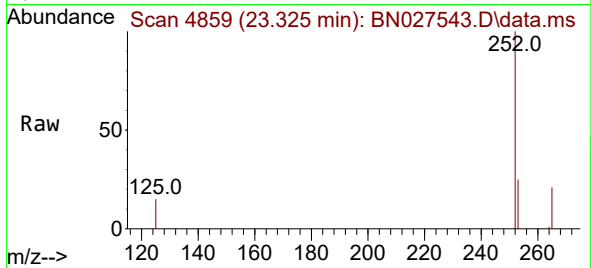
Tgt Ion:228 Resp: 28035
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.9 15.6 23.4



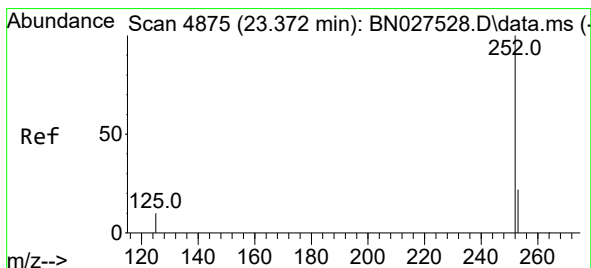
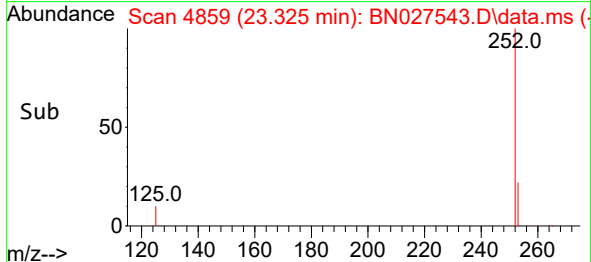
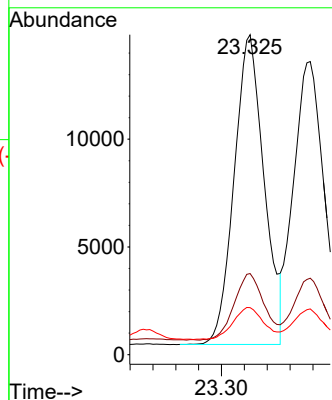


#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.325 min Scan# 4859
Delta R.T. -0.003 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

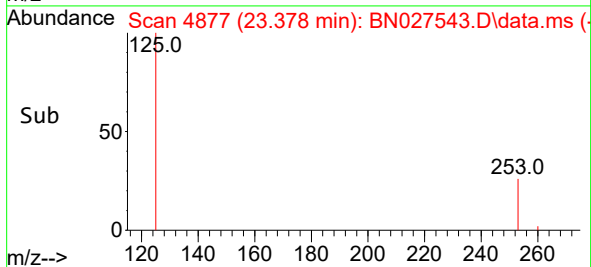
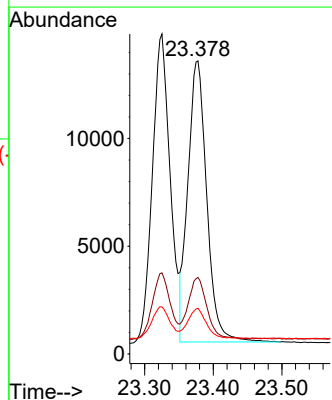
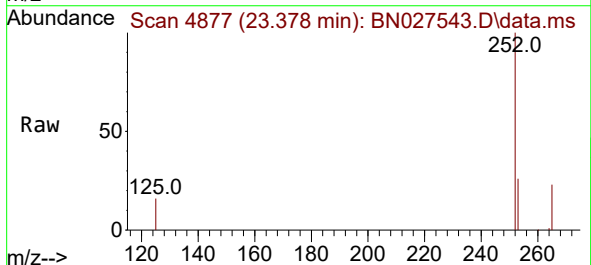


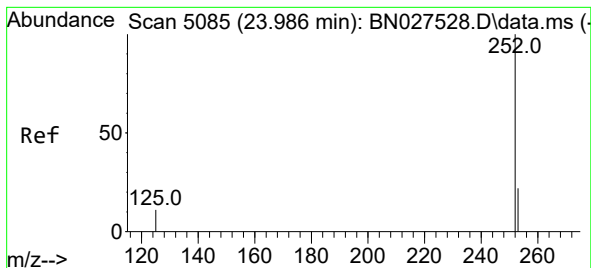
Tgt Ion:252 Resp: 26100
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.6
125 14.7 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.378 min Scan# 4877
Delta R.T. -0.000 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Tgt Ion:252 Resp: 24958
Ion Ratio Lower Upper
252 100
253 26.1 19.9 29.9
125 15.6 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 23.992 min Scan# 5085

Delta R.T. -0.003 min

Lab File: BN027543.D

Acq: 10 Sep 2023 16:38

Instrument :

BNA_N

ClientSampleId :

SSTD0.4259

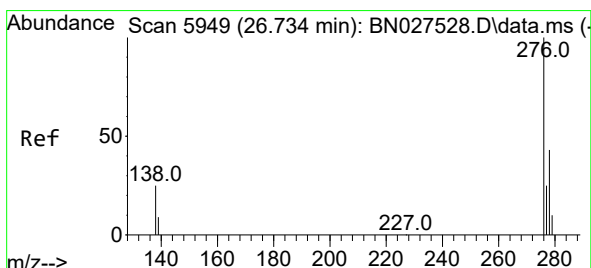
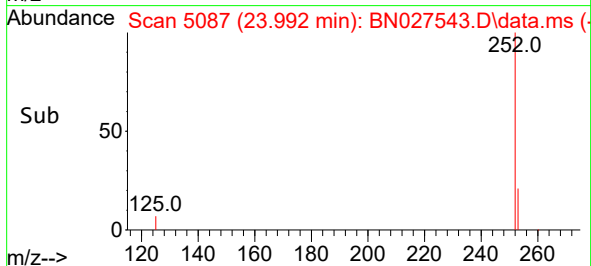
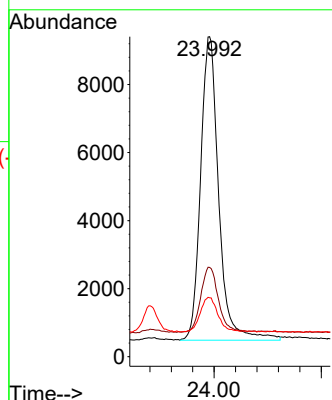
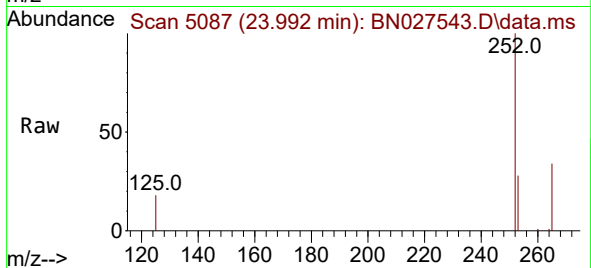
Tgt Ion:252 Resp: 20879

Ion Ratio Lower Upper

252 100

253 27.9 22.4 33.6

125 18.4 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng/ul

RT: 26.747 min Scan# 5953

Delta R.T. -0.007 min

Lab File: BN027543.D

Acq: 10 Sep 2023 16:38

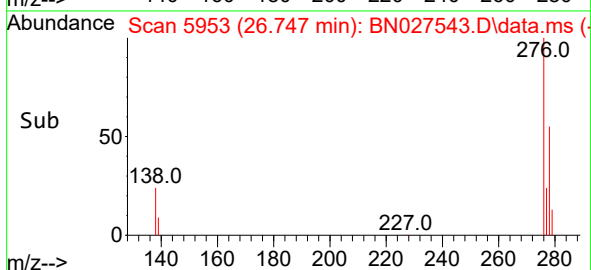
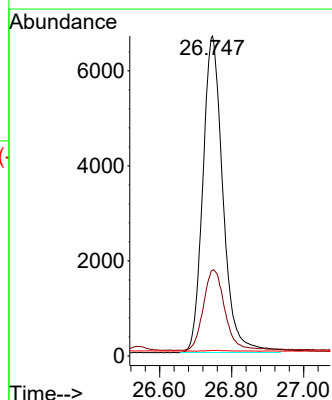
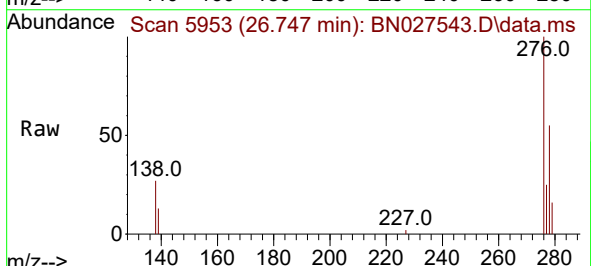
Tgt Ion:276 Resp: 25858

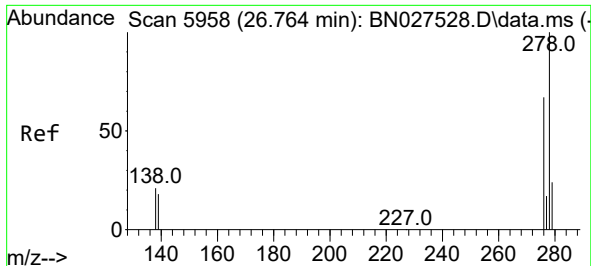
Ion Ratio Lower Upper

276 100

138 27.2 23.9 35.9

227 0.2 0.1 0.1#

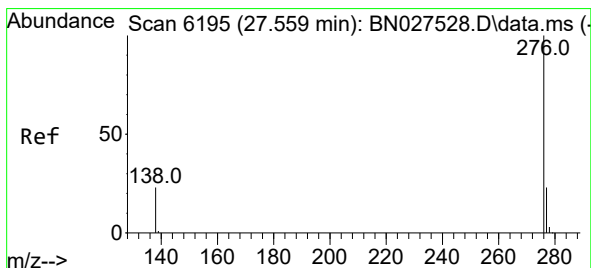
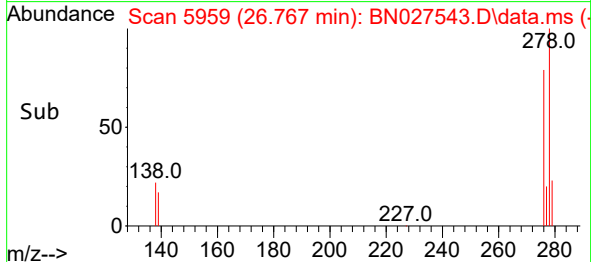
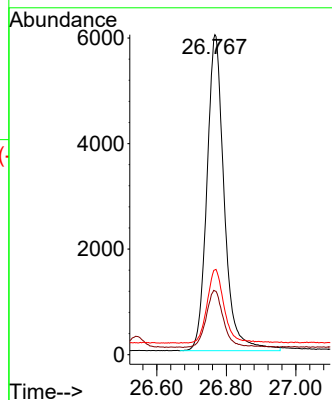
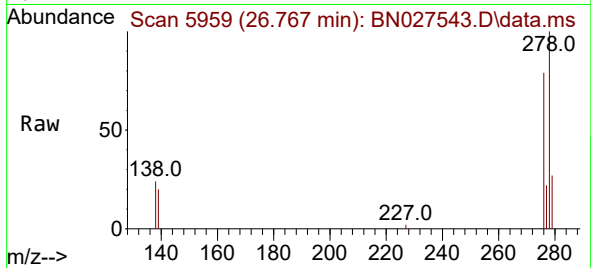




#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.767 min Scan# 5958
Delta R.T. -0.011 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4259

Tgt Ion:278 Resp: 20713
Ion Ratio Lower Upper
278 100
139 19.9 18.0 27.0
279 26.5 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.572 min Scan# 6199
Delta R.T. -0.011 min
Lab File: BN027543.D
Acq: 10 Sep 2023 16:38

Tgt Ion:276 Resp: 22183
Ion Ratio Lower Upper
276 100
138 24.9 22.1 33.1
277 25.2 20.2 30.4

