

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025928.D
 Acq On : 22 Jun 2023 09:35
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4307

Quant Time: Jun 23 01:01:47 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

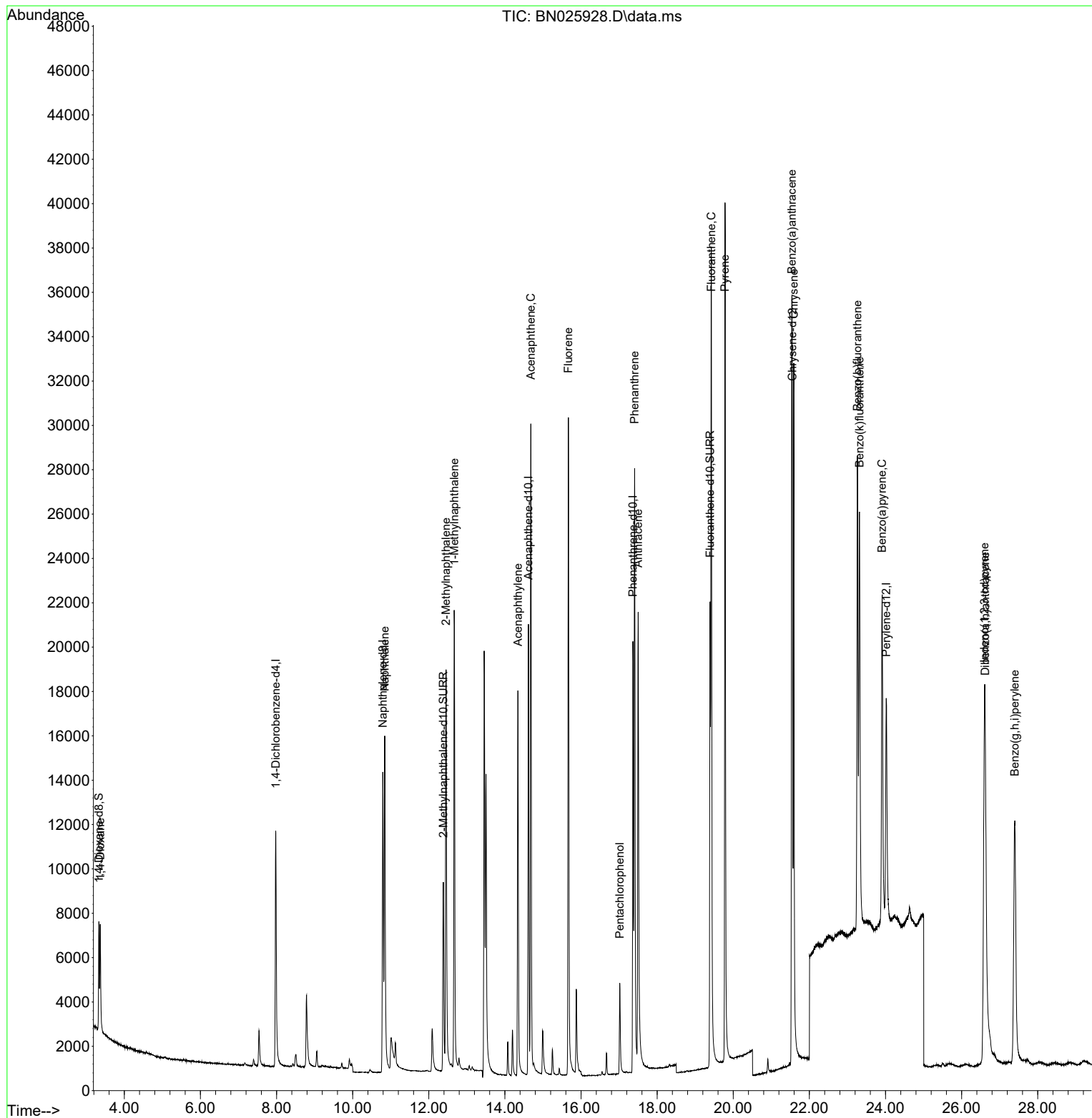
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7311	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	21219	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	12031	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.365	188	25054	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	18251	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	18228	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3416	0.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	12607	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.392	212	26234	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	3665	0.419	ng/ul	95
5) Naphthalene	10.842	128	24375	0.401	ng/ul	99
7) 2-Methylnaphthalene	12.453	142	15084	0.390	ng/ul	100
8) 1-Methylnaphthalene	12.668	142	15677	0.391	ng/ul	99
10) Acenaphthylene	14.340	152	22626	0.402	ng/ul	99
11) Acenaphthene	14.682	153	18902	0.410	ng/ul	100
12) Fluorene	15.668	166	21424	0.405	ng/ul	99
14) Pentachlorophenol	17.019	266	3200	0.356	ng/ul	100
15) Phenanthrene	17.407	178	33814	0.409	ng/ul	100
16) Anthracene	17.500	178	29424	0.400	ng/ul	99
19) Fluoranthene	19.425	202	37326	0.383	ng/ul	98
20) Pyrene	19.783	202	38857	0.383	ng/ul	100
21) Benzo(a)anthracene	21.536	228	29585	0.393	ng/ul	99
22) Chrysene	21.588	228	32093	0.410	ng/ul	100
24) Benzo(b)fluoranthene	23.260	252	31993	0.411	ng/ul	99
25) Benzo(k)fluoranthene	23.316	252	32236	0.413	ng/ul	99
26) Benzo(a)pyrene	23.909	252	27315	0.404	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.599	276	32966	0.447	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.619	278	24702	0.442	ng/ul	98
29) Benzo(g,h,i)perylene	27.397	276	29697	0.452	ng/ul	98

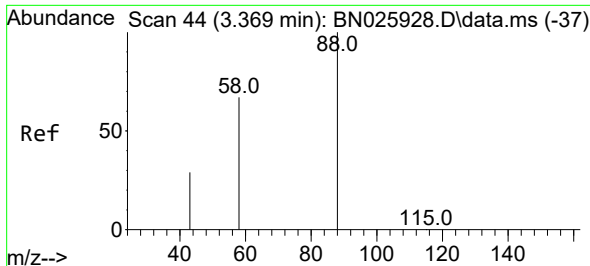
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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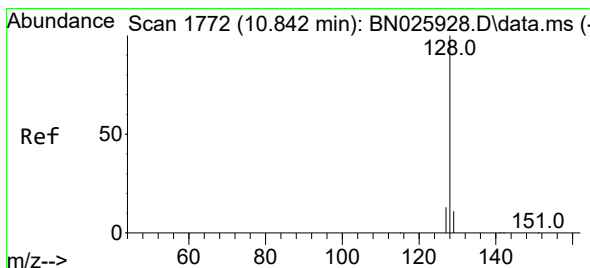
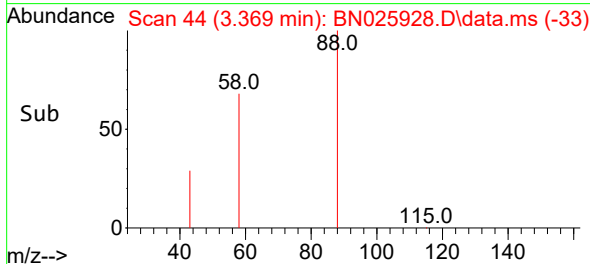
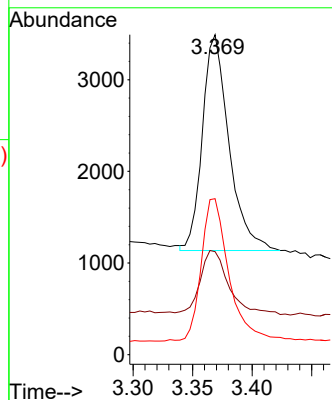
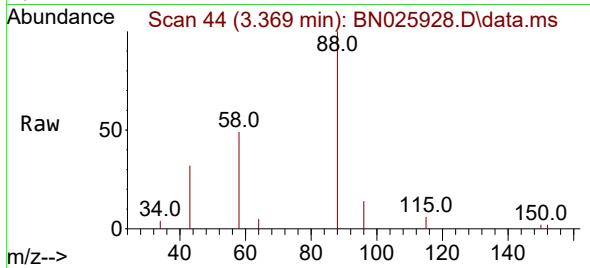




#2
1,4-Dioxane
Concen: 0.419 ng/ul
RT: 3.369 min Scan# 44
Delta R.T. -0.004 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

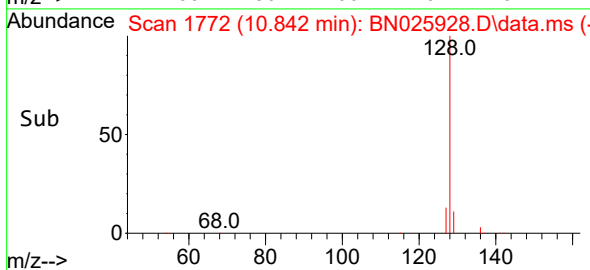
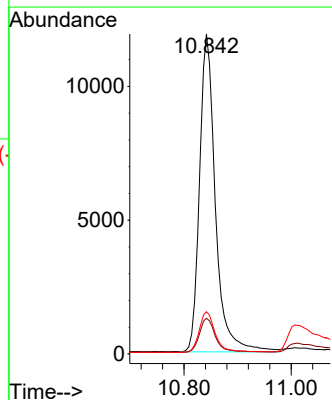
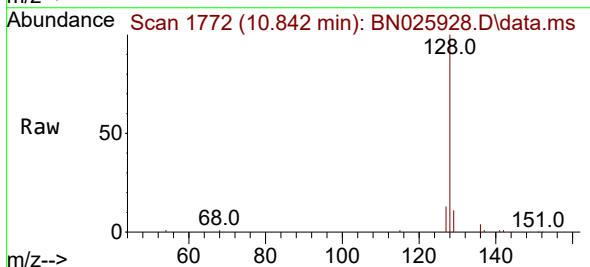
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

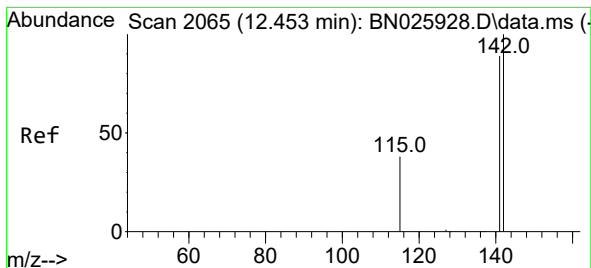
Tgt Ion: 88 Resp: 3665
Ion Ratio Lower Upper
88 100
43 32.2 29.5 44.3
58 48.7 37.4 56.2



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

Tgt Ion: 128 Resp: 24375
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.7 16.1

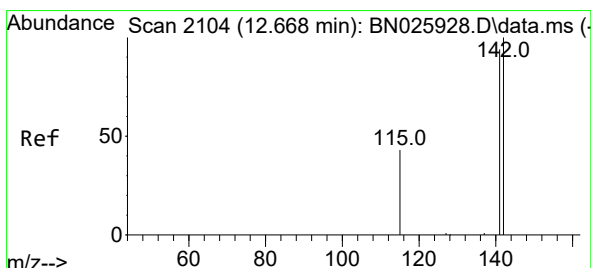
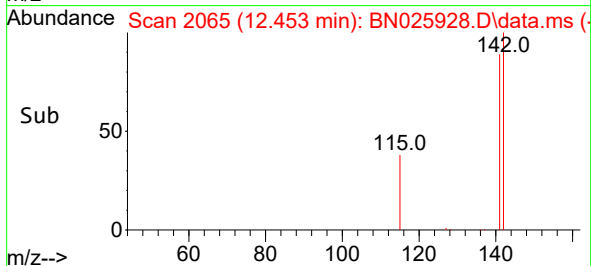
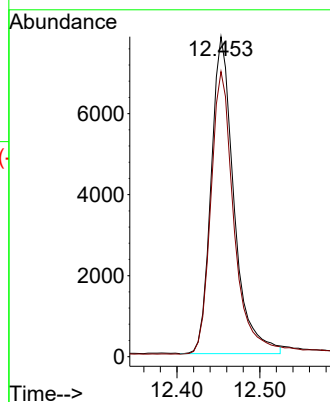
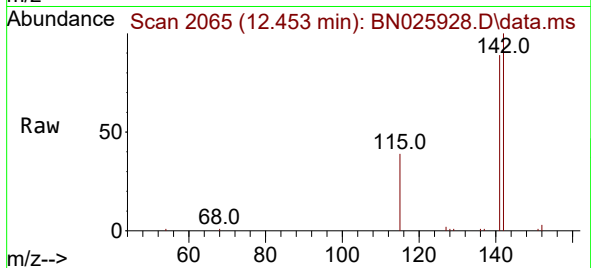




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

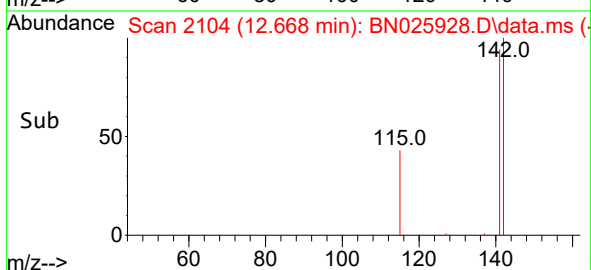
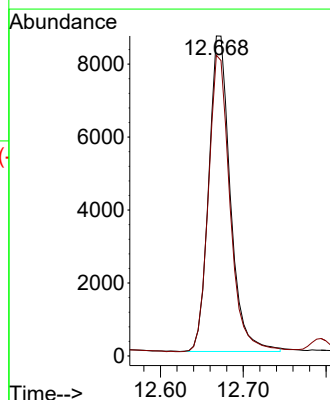
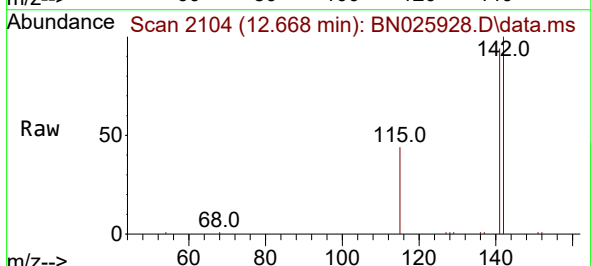
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

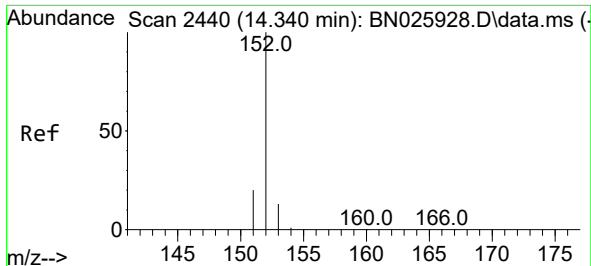
Tgt Ion:142 Resp: 15084
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.668 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

Tgt Ion:142 Resp: 15677
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4

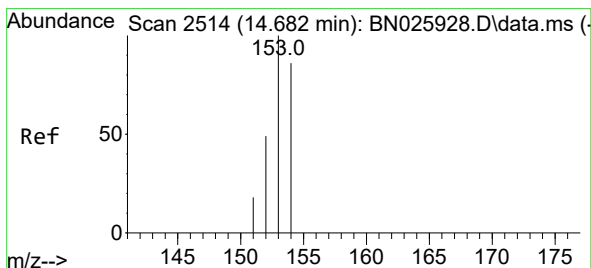
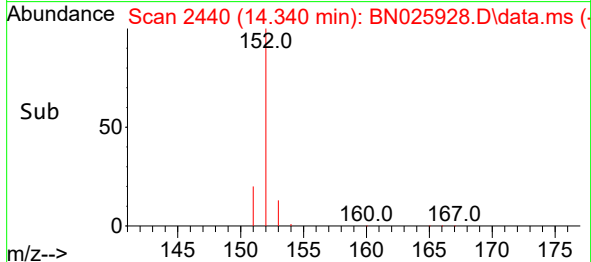
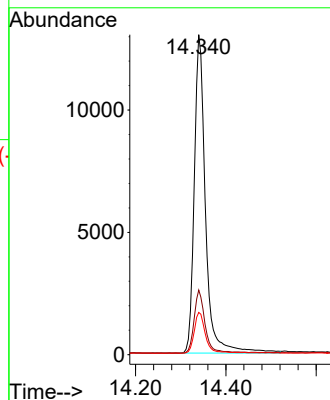
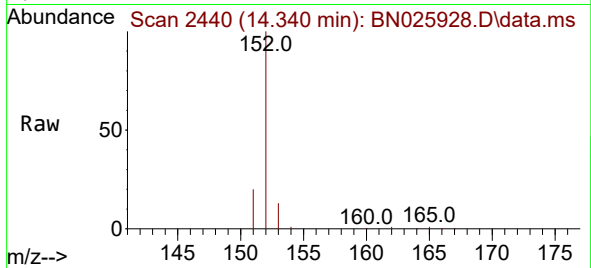




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

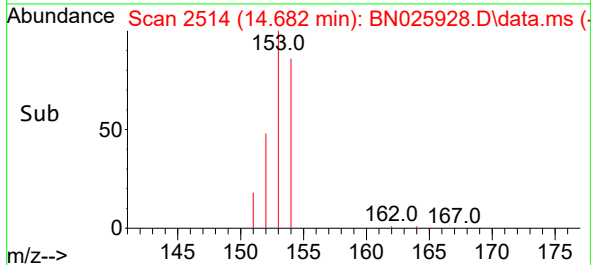
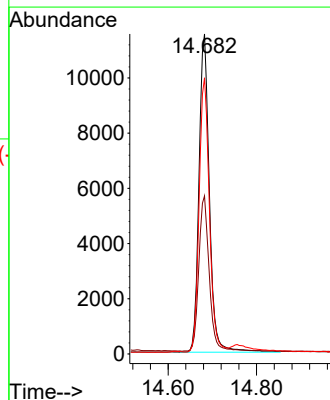
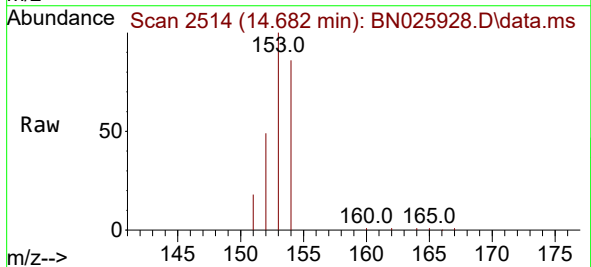
Instrument :
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ClientSampleId :
SSTD0.4307

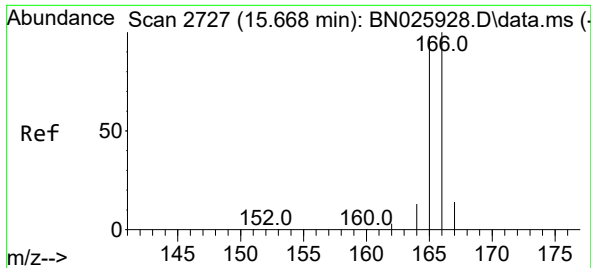
Tgt Ion:152 Resp: 22626
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.682 min Scan# 2514
Delta R.T. 0.001 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

Tgt Ion:153 Resp: 18902
Ion Ratio Lower Upper
153 100
152 49.4 39.4 59.0
154 86.3 68.9 103.3

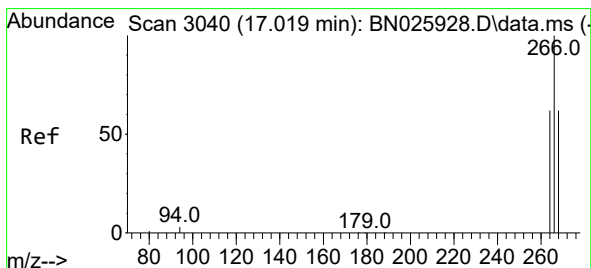
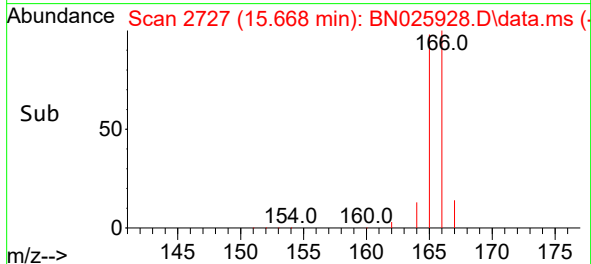
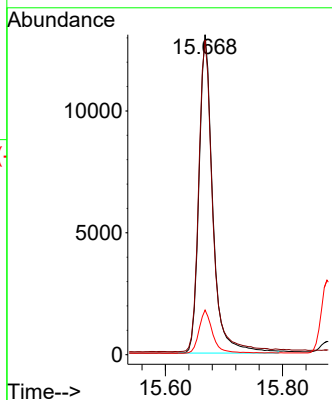
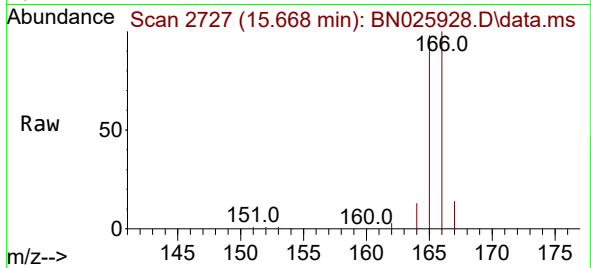




#12
 Fluorene
 Concen: 0.405 ng/ul
 RT: 15.668 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BN025928.D
 Acq: 22 Jun 2023 09:35

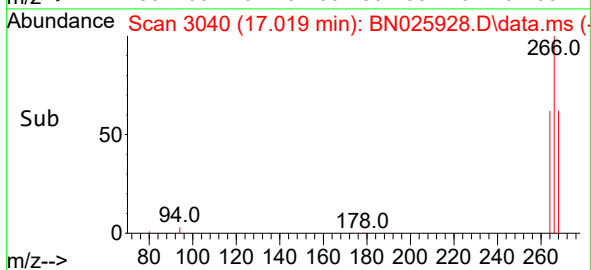
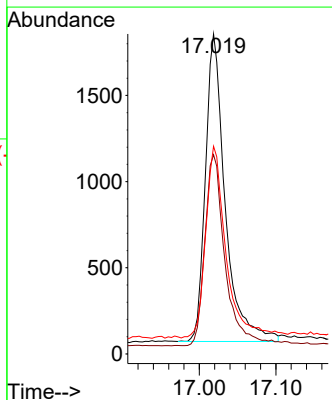
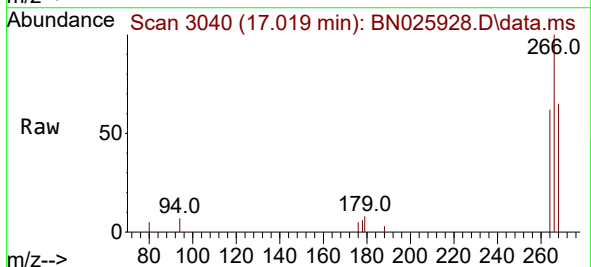
Instrument :
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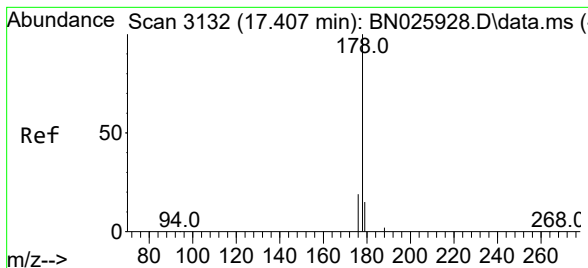
Tgt Ion:166 Resp: 21424
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.9 119.9
 167 13.9 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.356 ng/ul
 RT: 17.019 min Scan# 3040
 Delta R.T. 0.001 min
 Lab File: BN025928.D
 Acq: 22 Jun 2023 09:35

Tgt Ion:266 Resp: 3200
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.5 75.7
 268 64.5 51.6 77.4





#15

Phenanthrene

Concen: 0.409 ng/u1

RT: 17.407 min Scan# 3132

Delta R.T. 0.001 min

Lab File: BN025928.D

Acq: 22 Jun 2023 09:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.4307

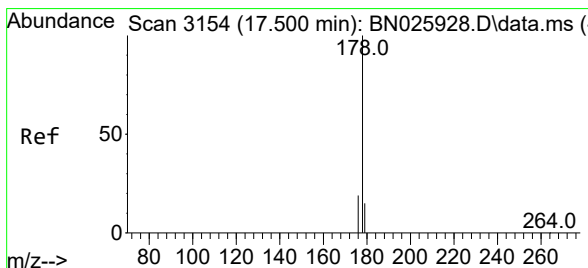
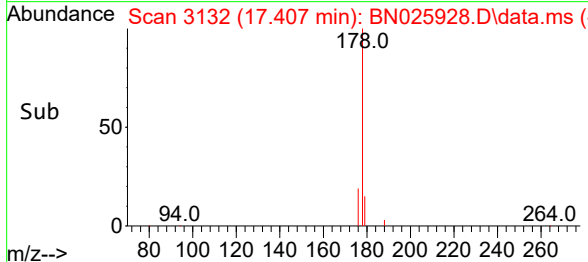
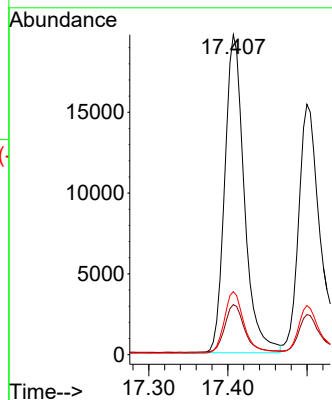
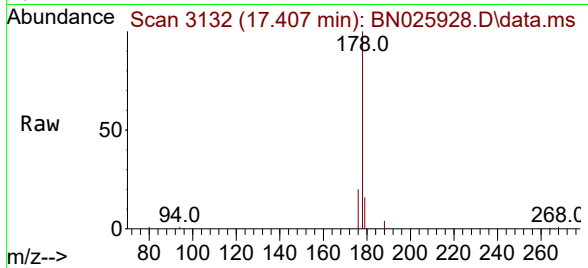
Tgt Ion:178 Resp: 33814

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

176 19.7 15.8 23.6



#16

Anthracene

Concen: 0.400 ng/u1

RT: 17.500 min Scan# 3154

Delta R.T. 0.001 min

Lab File: BN025928.D

Acq: 22 Jun 2023 09:35

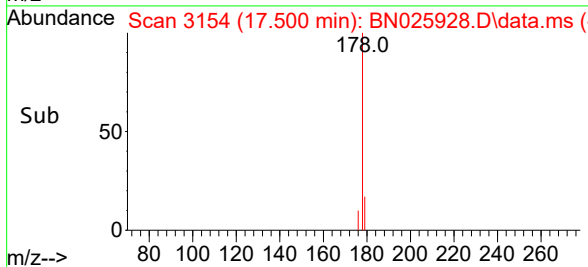
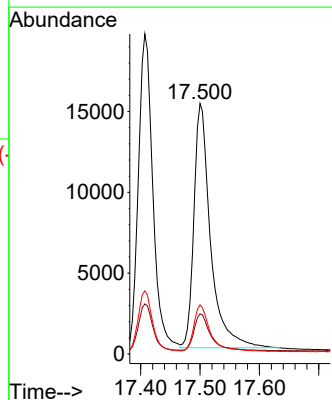
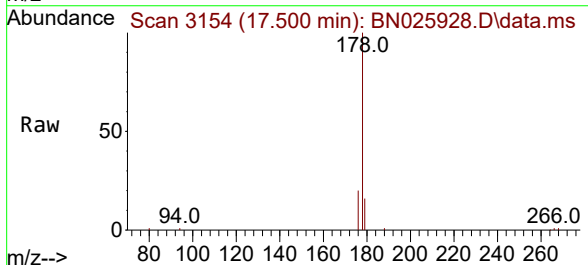
Tgt Ion:178 Resp: 29424

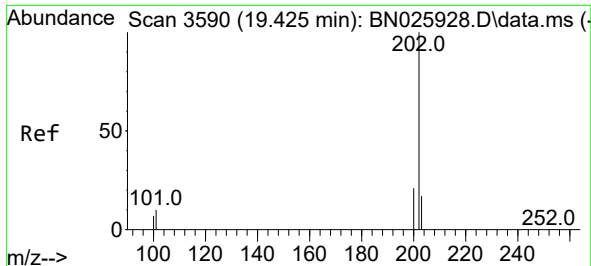
Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 19.6 15.1 22.7

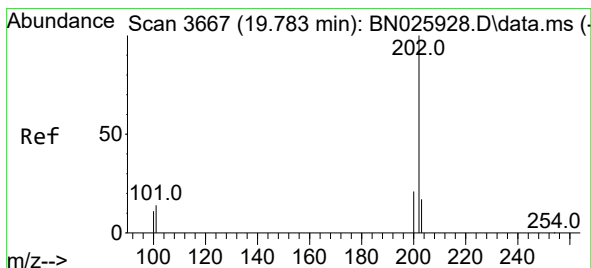
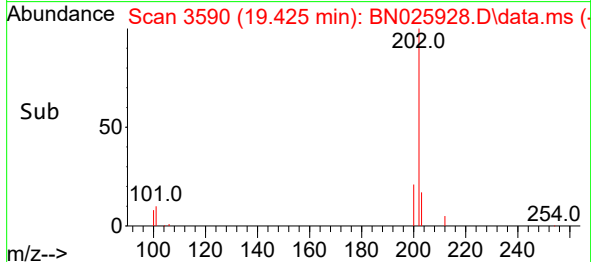
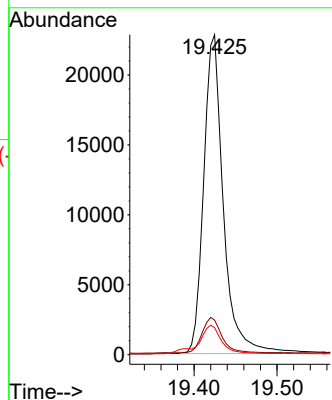
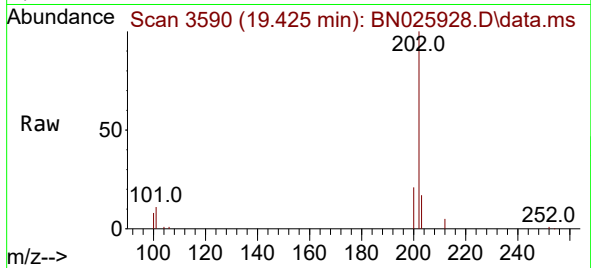




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.425 min Scan# 3590
Delta R.T. 0.006 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

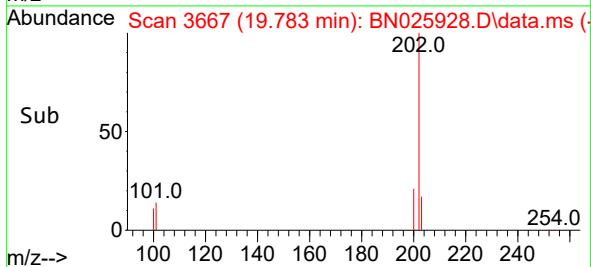
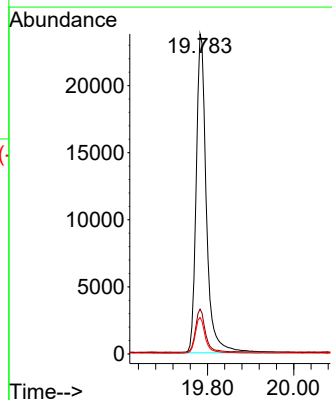
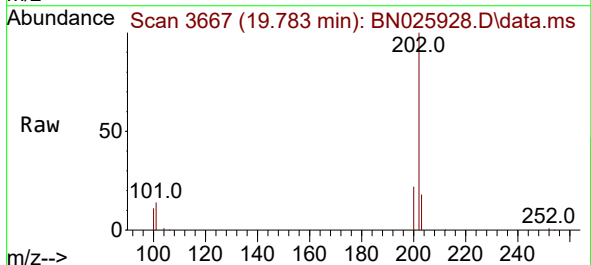
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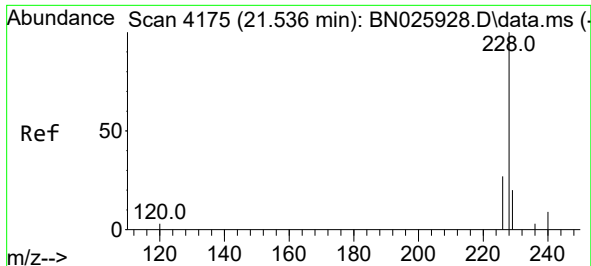
Tgt Ion:202 Resp: 37326
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.4 7.3 10.9



#20
Pyrene
Concen: 0.383 ng/ul
RT: 19.783 min Scan# 3667
Delta R.T. 0.001 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

Tgt Ion:202 Resp: 38857
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.0
100 11.4 9.1 13.7

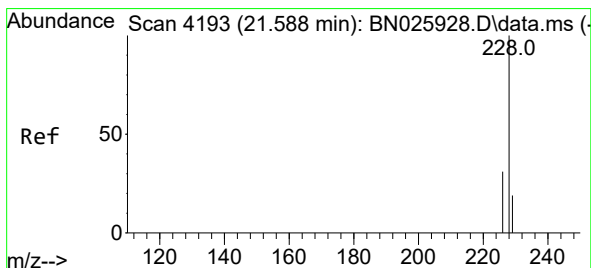
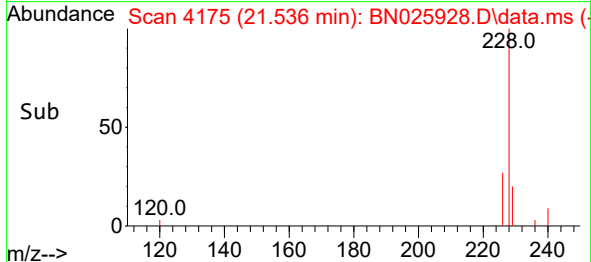
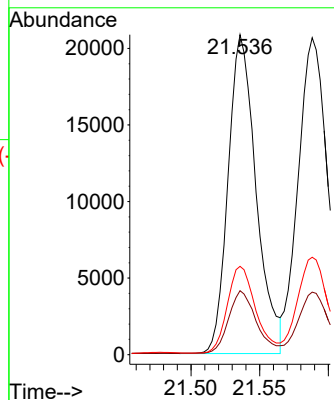
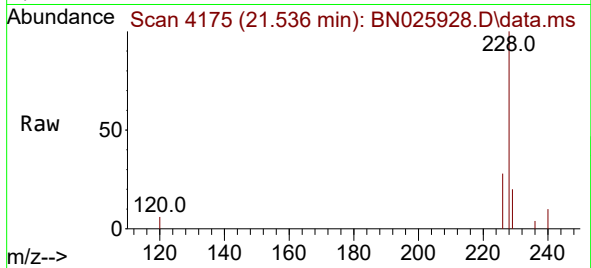




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.536 min Scan# 4175
Delta R.T. 0.004 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

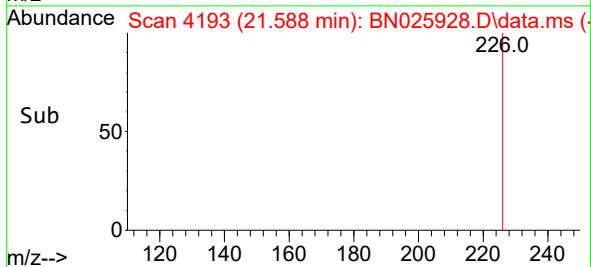
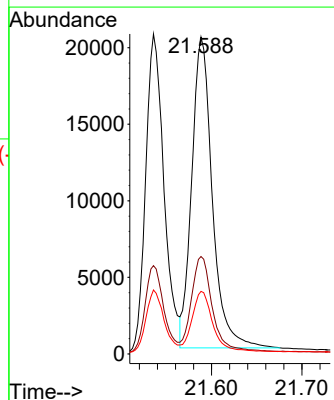
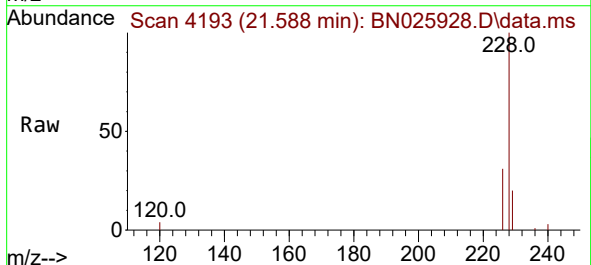
Instrument :
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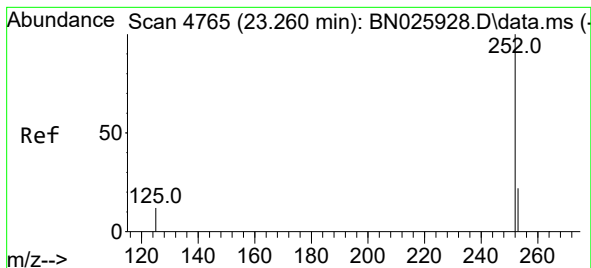
Tgt Ion:228 Resp: 29585
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.588 min Scan# 4193
Delta R.T. 0.004 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

Tgt Ion:228 Resp: 32093
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.411 ng/ul

RT: 23.260 min Scan# 4765

Delta R.T. 0.004 min

Lab File: BN025928.D

Acq: 22 Jun 2023 09:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.4307

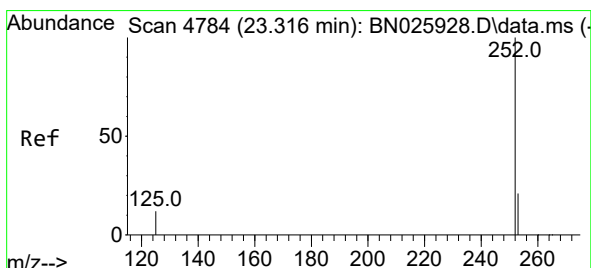
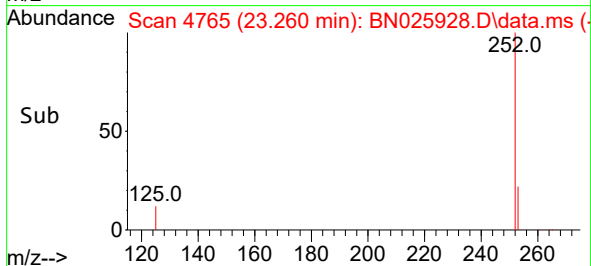
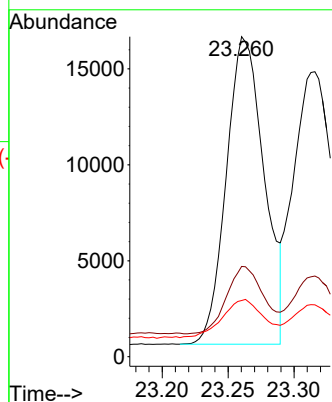
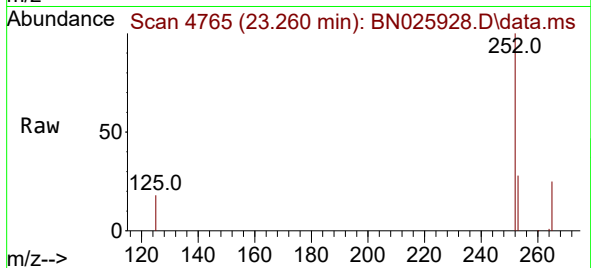
Tgt Ion:252 Resp: 31993

Ion Ratio Lower Upper

252 100

253 28.2 0.0 55.6

125 17.5 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.413 ng/ul

RT: 23.316 min Scan# 4784

Delta R.T. 0.007 min

Lab File: BN025928.D

Acq: 22 Jun 2023 09:35

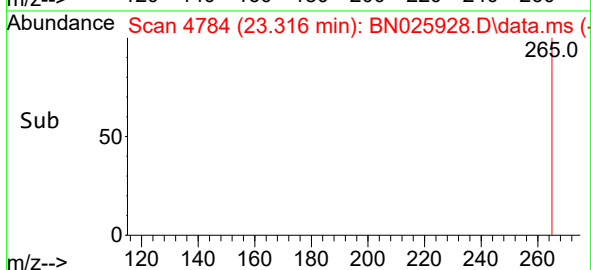
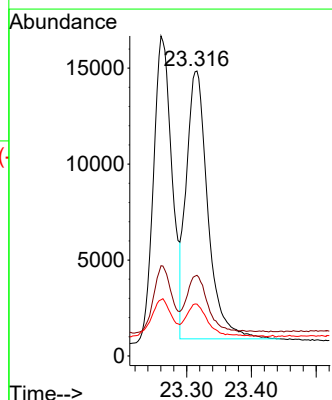
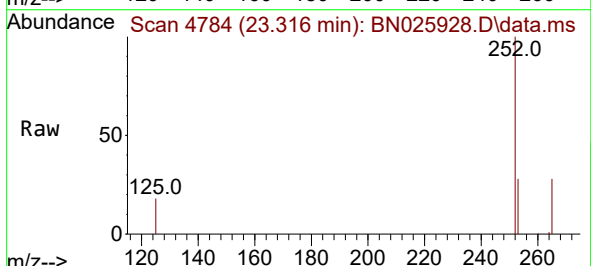
Tgt Ion:252 Resp: 32236

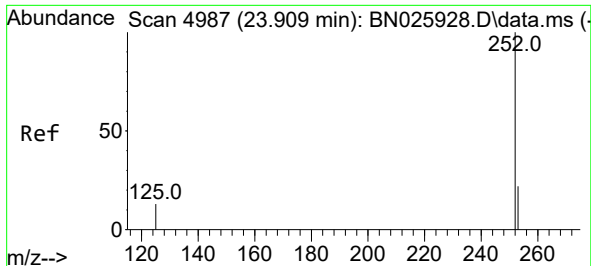
Ion Ratio Lower Upper

252 100

253 28.3 23.2 34.8

125 18.2 15.0 22.4

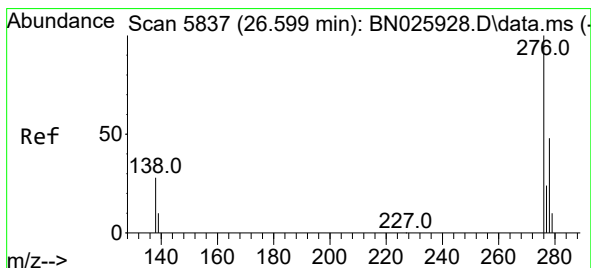
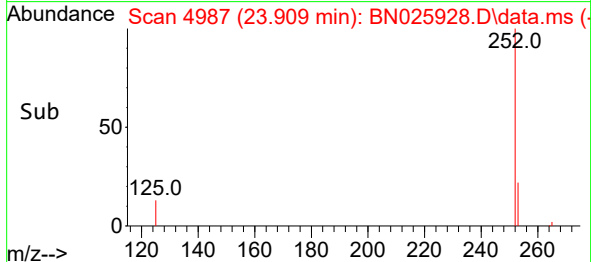
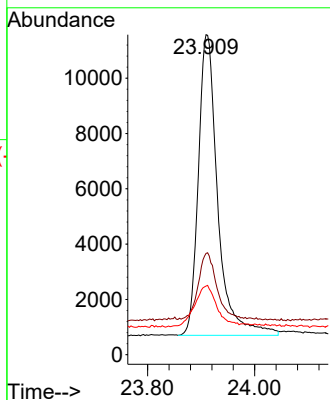
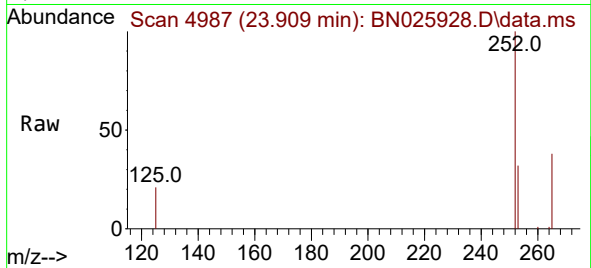




#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.909 min Scan# 4987
Delta R.T. 0.001 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

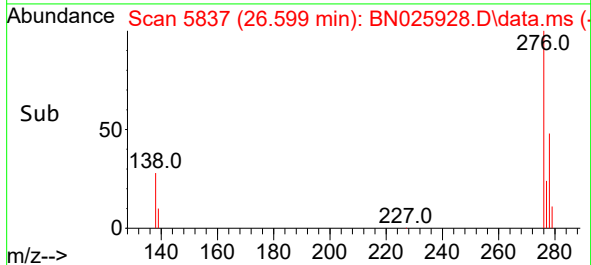
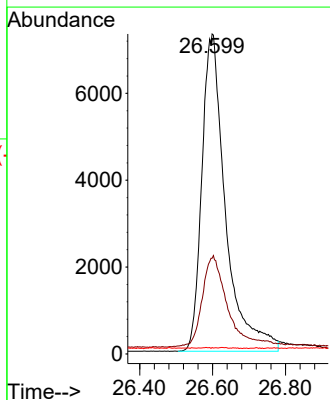
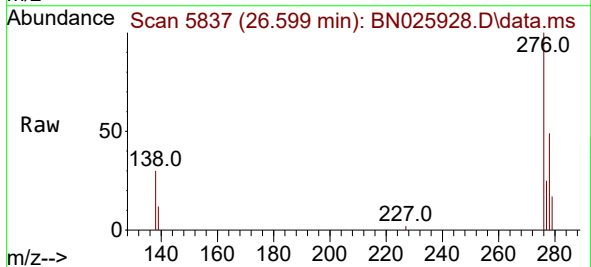
Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

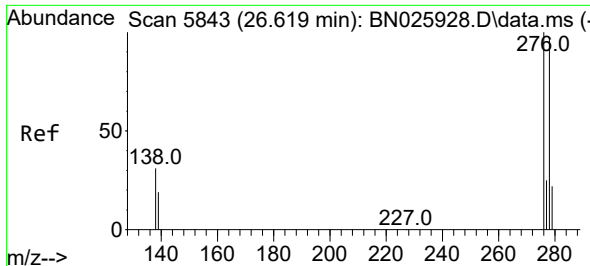
Tgt Ion:252 Resp: 27315
Ion Ratio Lower Upper
252 100
253 31.7 26.0 39.0
125 21.5 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 26.599 min Scan# 5837
Delta R.T. 0.004 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

Tgt Ion:276 Resp: 32966
Ion Ratio Lower Upper
276 100
138 30.9 24.5 36.7
227 0.0 0.0 0.0#

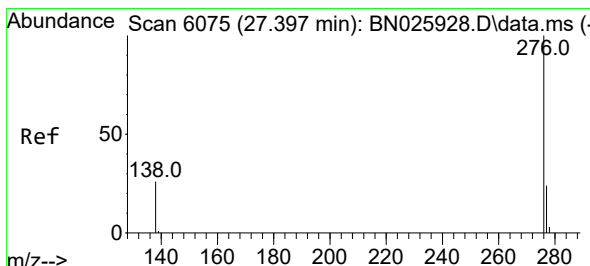
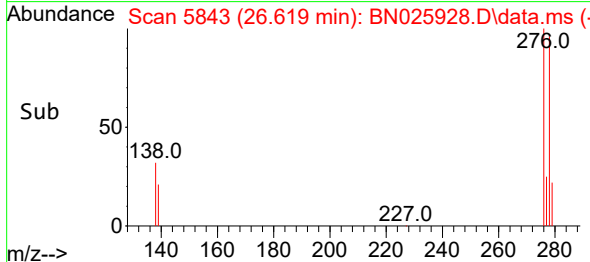
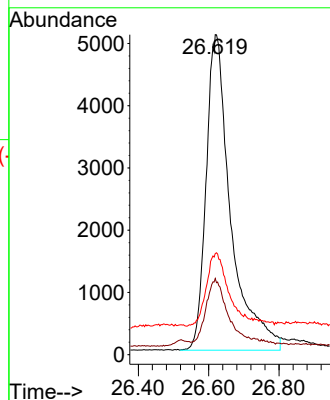
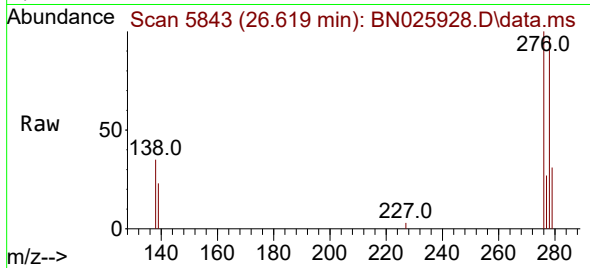




#28
Dibenzo(a,h)anthracene
Concen: 0.442 ng/ul
RT: 26.619 min Scan# 5843
Delta R.T. -0.002 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

Instrument :
BNA_N
ClientSampleId :
SSTD0.4307

Tgt Ion:278 Resp: 24702
Ion Ratio Lower Upper
278 100
139 23.8 19.0 28.4
279 31.6 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 27.397 min Scan# 6075
Delta R.T. 0.011 min
Lab File: BN025928.D
Acq: 22 Jun 2023 09:35

Tgt Ion:276 Resp: 29697
Ion Ratio Lower Upper
276 100
138 27.6 23.4 35.0
277 25.4 20.0 30.0

