

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
 Data File : BN023851.D
 Acq On : 30 Jan 2023 18:42
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV236

Quant Time: Jan 31 02:12:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 31 02:08:51 2023
 Response via : Initial Calibration

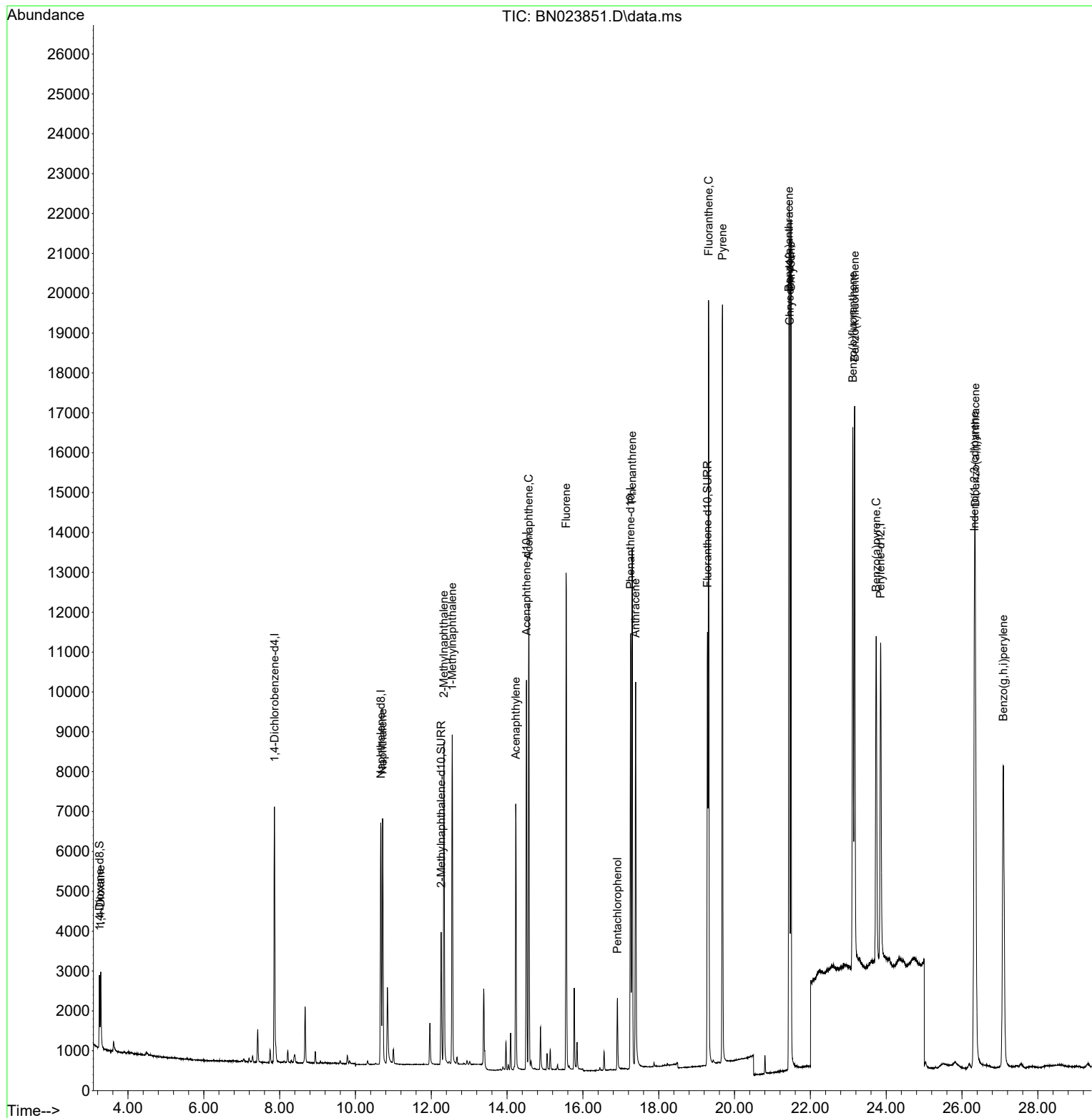
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	3224	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	8438	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.512	164	5357	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.256	188	12965	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	13831	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	11343	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	1222	0.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	4364	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	12509	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	1327	0.362	ng/ul	92
5) Naphthalene	10.716	128	8267	0.358	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	5630	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.553	142	5463	0.356	ng/ul	100
10) Acenaphthylene	14.230	152	7380	0.360	ng/ul	99
11) Acenaphthene	14.572	153	6461	0.358	ng/ul	98
12) Fluorene	15.557	166	7884	0.362	ng/ul	97
14) Pentachlorophenol	16.910	266	1218	0.285	ng/ul	98
15) Phenanthrene	17.298	178	13664	0.353	ng/ul	99
16) Anthracene	17.391	178	11177	0.346	ng/ul	99
19) Fluoranthene	19.314	202	16567	0.360	ng/ul	98
20) Pyrene	19.681	202	16804	0.353	ng/ul	99
21) Benzo(a)anthracene	21.436	228	16325	0.347	ng/ul	100
22) Chrysene	21.488	228	17563	0.355	ng/ul	99
24) Benzo(b)fluoranthene	23.119	252	18333	0.366	ng/ul	98
25) Benzo(k)fluoranthene	23.169	252	18554	0.379	ng/ul	100
26) Benzo(a)pyrene	23.736	252	14335	0.343	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.326	276	19343	0.330	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.350	278	16449	0.351	ng/ul	99
29) Benzo(g,h,i)perylene	27.088	276	17367	0.360	ng/ul	100

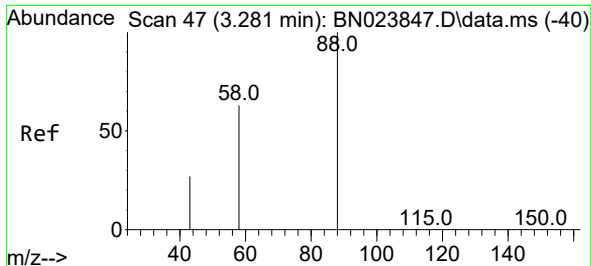
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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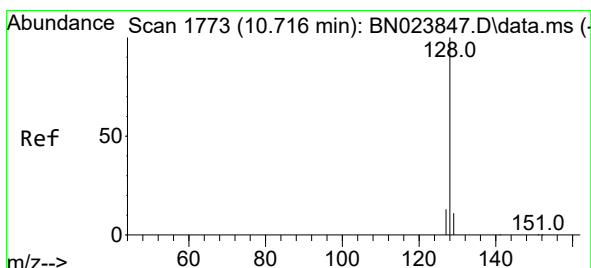
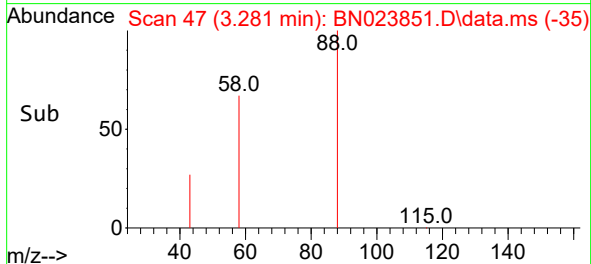
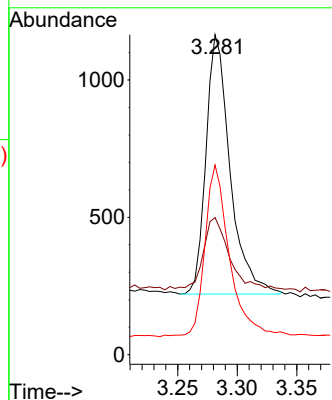
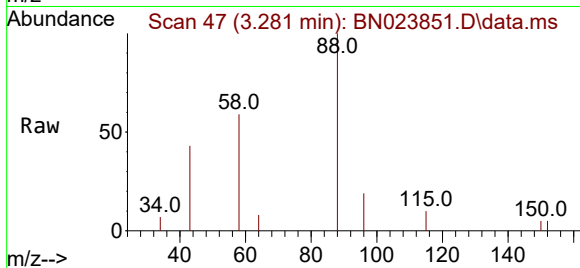




#2
1,4-Dioxane
Concen: 0.362 ng/ul
RT: 3.281 min Scan# 47
Delta R.T. -0.000 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

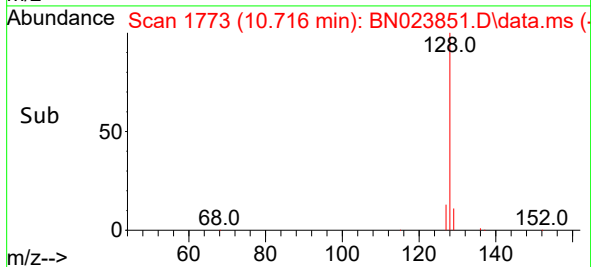
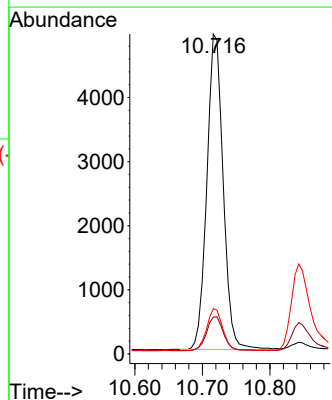
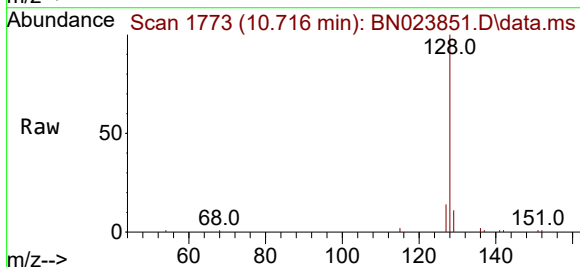
Instrument :
BNA_N
ClientSampleId :
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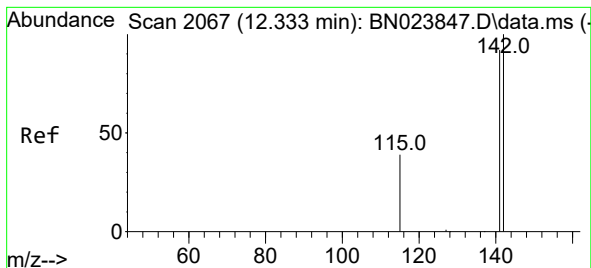
Tgt Ion: 88 Resp: 1327
Ion Ratio Lower Upper
88 100
43 42.8 41.9 62.9
58 59.2 45.6 68.4



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Tgt Ion: 128 Resp: 8267
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 14.1 11.1 16.7

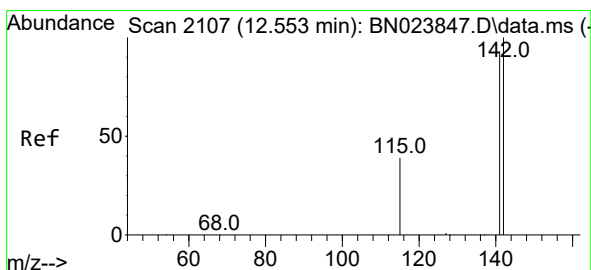
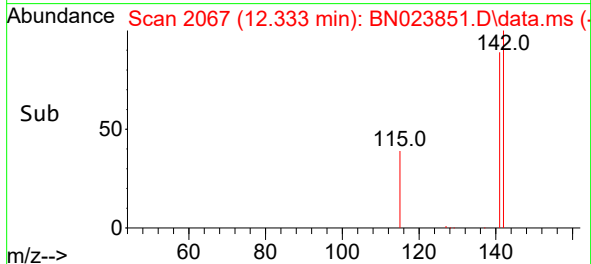
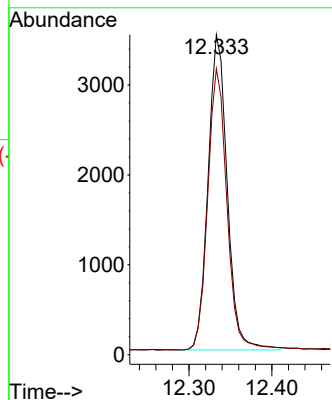
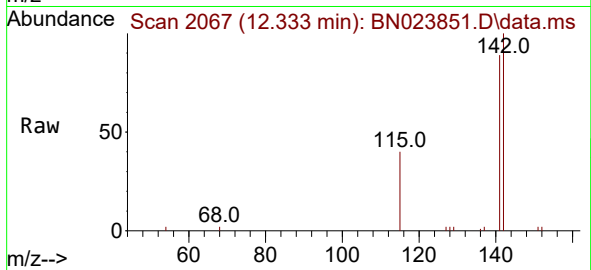




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

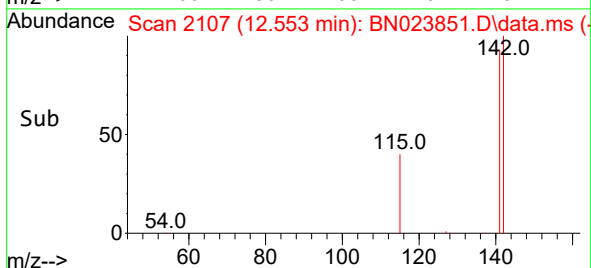
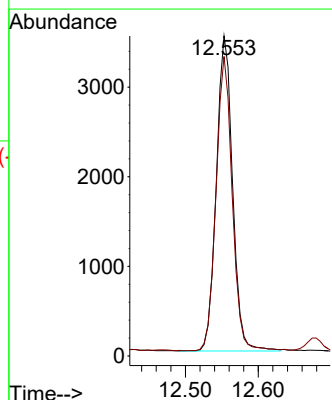
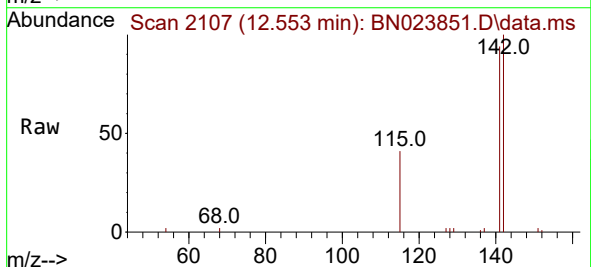
Instrument :
BNA_N
ClientSampleId :
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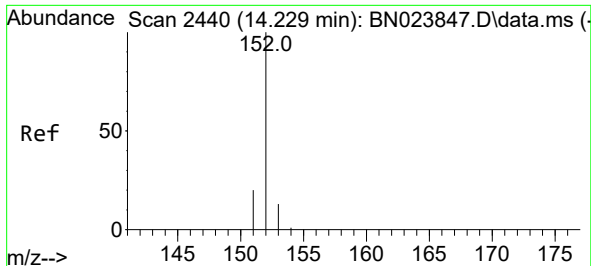
Tgt Ion:142 Resp: 5630
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Tgt Ion:142 Resp: 5463
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1





#10

Acenaphthylene

Concen: 0.360 ng/ul

RT: 14.230 min Scan# 2440

Delta R.T. 0.001 min

Lab File: BN023851.D

Acq: 30 Jan 2023 18:42

Instrument :

BNA_N

ClientSampleId :

SICV236

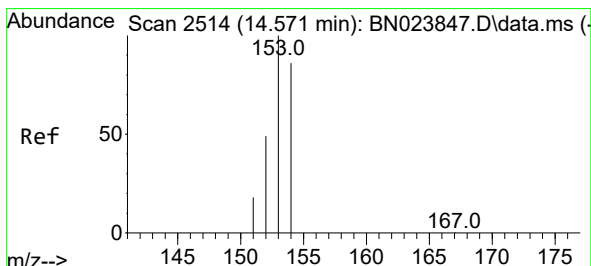
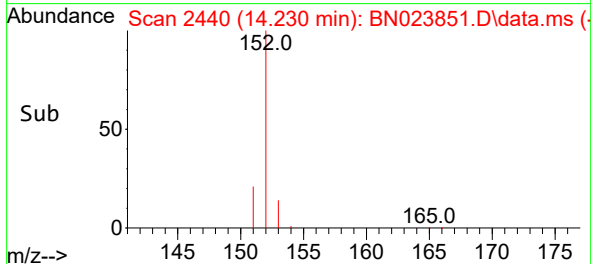
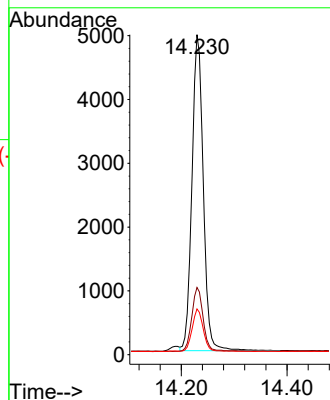
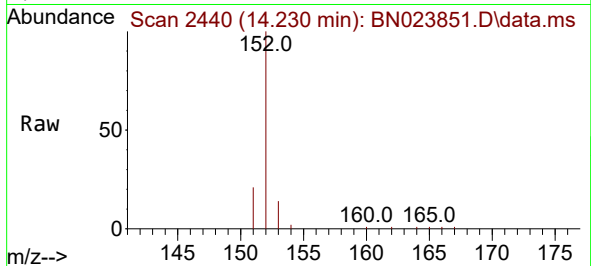
Tgt Ion:152 Resp: 7380

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

153 14.3 11.1 16.7



#11

Acenaphthene

Concen: 0.358 ng/ul

RT: 14.572 min Scan# 2514

Delta R.T. 0.001 min

Lab File: BN023851.D

Acq: 30 Jan 2023 18:42

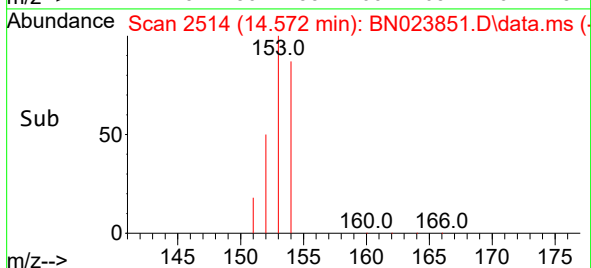
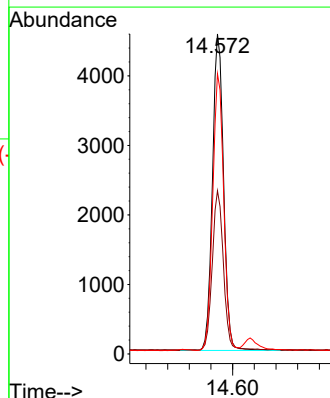
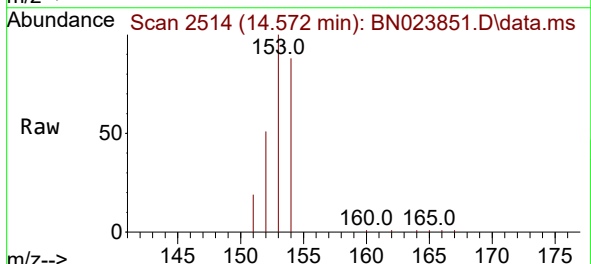
Tgt Ion:153 Resp: 6461

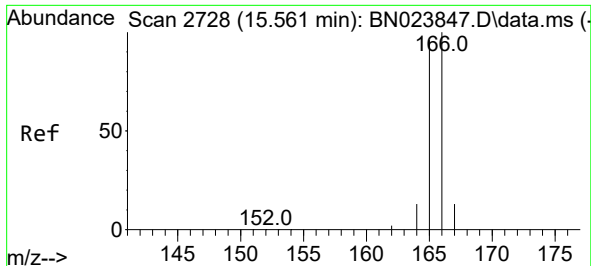
Ion Ratio Lower Upper

153 100

152 51.0 39.6 59.4

154 87.5 68.8 103.2

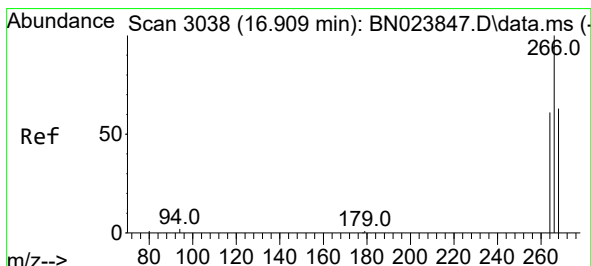
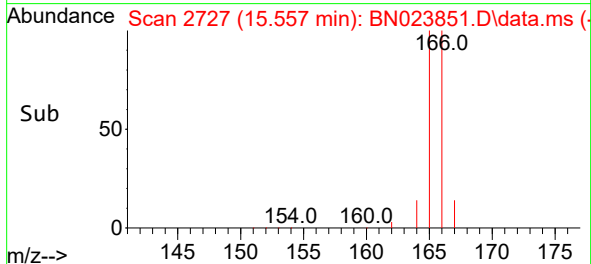
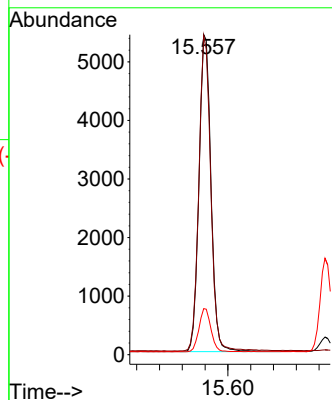
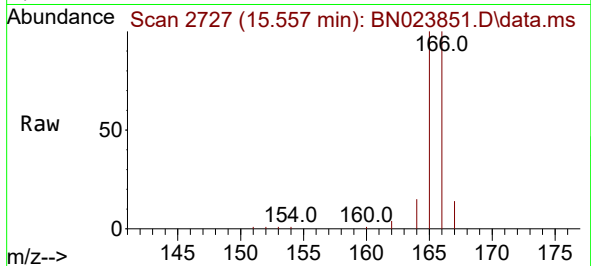




#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.557 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

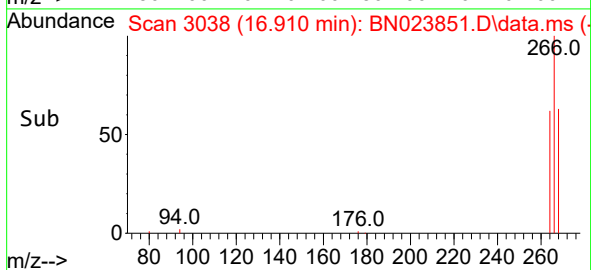
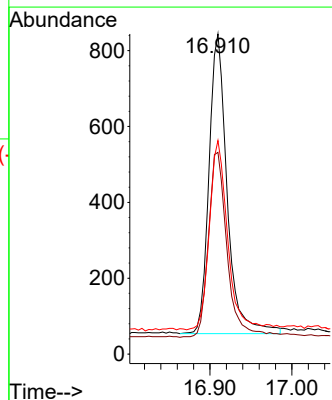
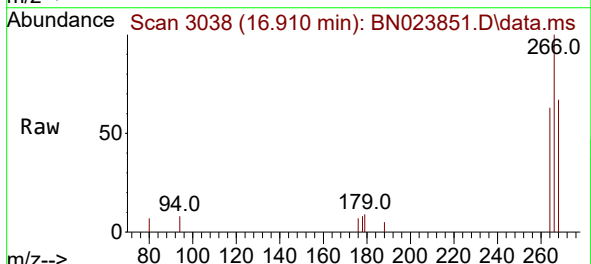
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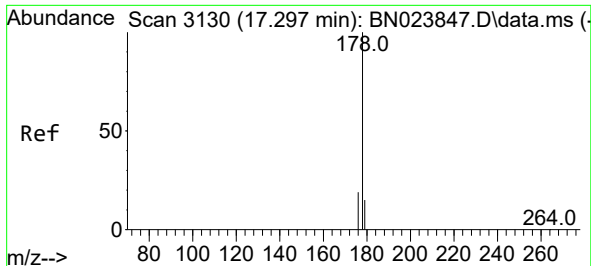
Tgt Ion:166 Resp: 7884
Ion Ratio Lower Upper
166 100
165 99.7 77.4 116.2
167 14.4 11.4 17.0



#14
Pentachlorophenol
Concen: 0.285 ng/ul
RT: 16.910 min Scan# 3038
Delta R.T. 0.001 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Tgt Ion:266 Resp: 1218
Ion Ratio Lower Upper
266 100
264 64.0 49.4 74.0
268 64.2 52.0 78.0

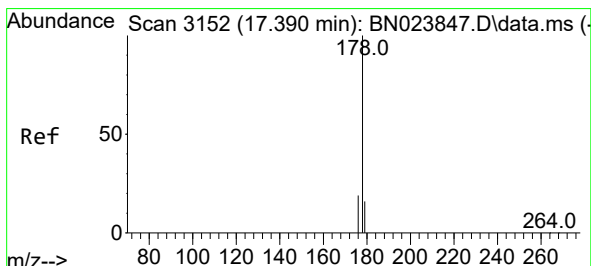
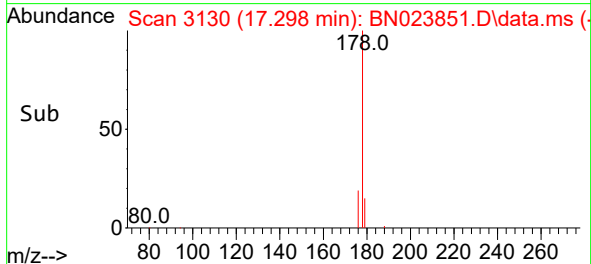
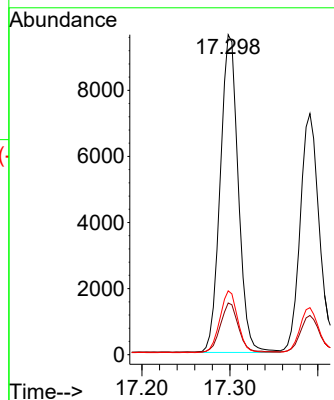
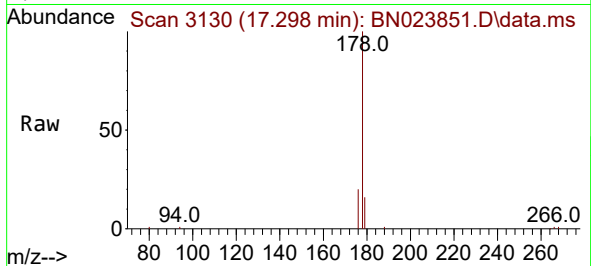




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.298 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

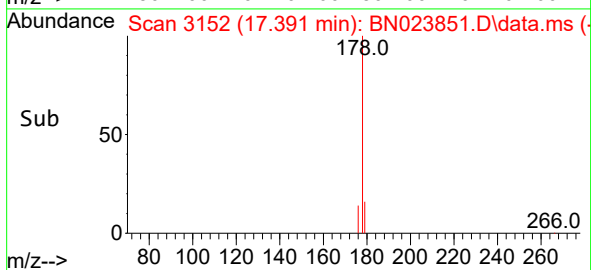
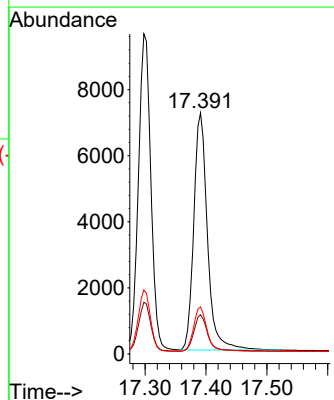
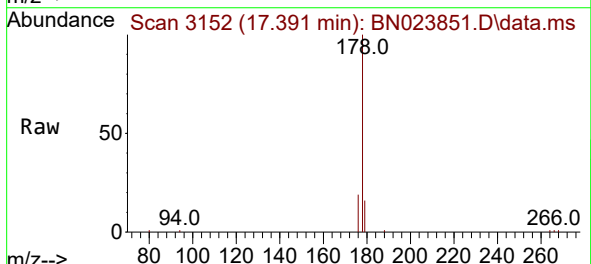
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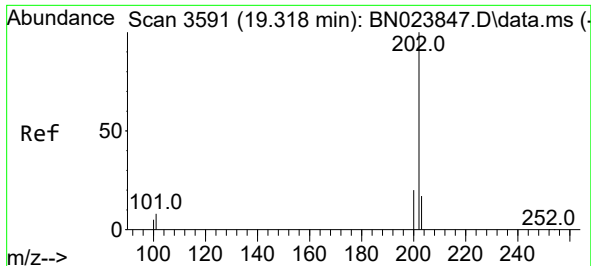
Tgt Ion:178 Resp: 13664
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.391 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Tgt Ion:178 Resp: 11177
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 19.5 15.4 23.2

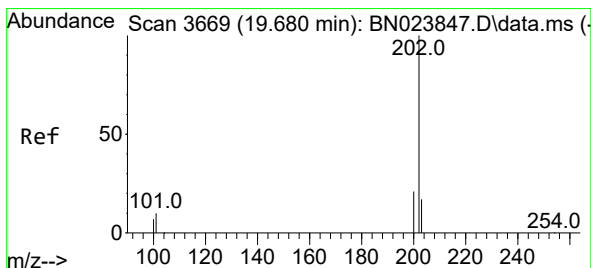
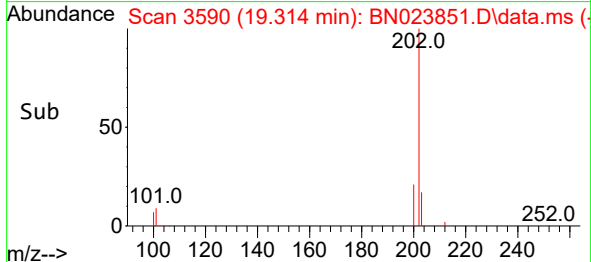
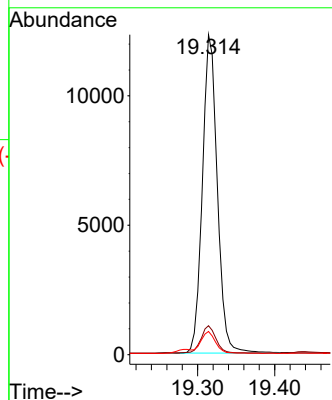
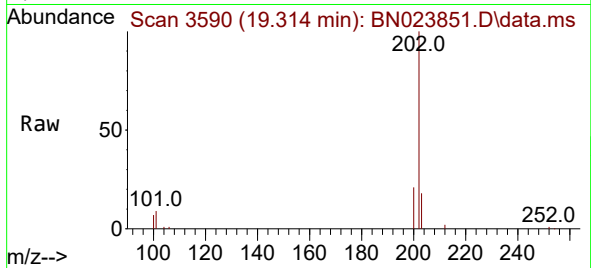




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.314 min Scan# 3590
Delta R.T. -0.004 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

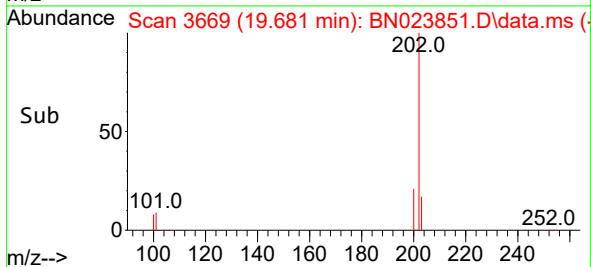
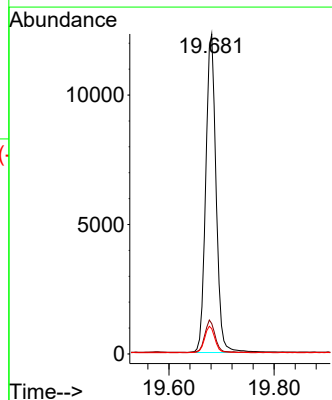
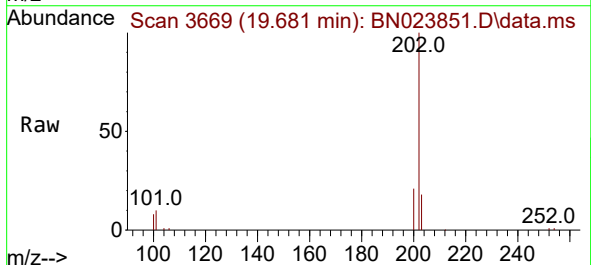
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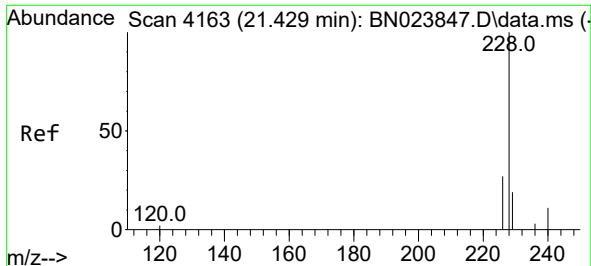
Tgt Ion:202 Resp: 16567
Ion Ratio Lower Upper
202 100
101 9.0 6.8 10.2
100 7.3 5.2 7.8



#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.681 min Scan# 3669
Delta R.T. 0.001 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Tgt Ion:202 Resp: 16804
Ion Ratio Lower Upper
202 100
101 9.5 8.1 12.1
100 7.9 6.2 9.4

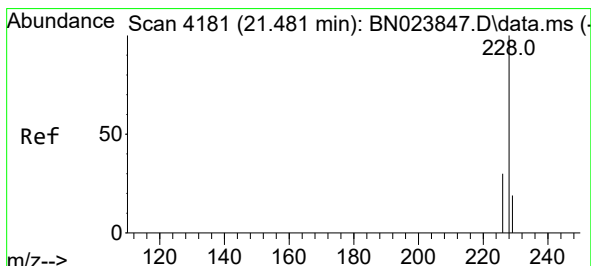
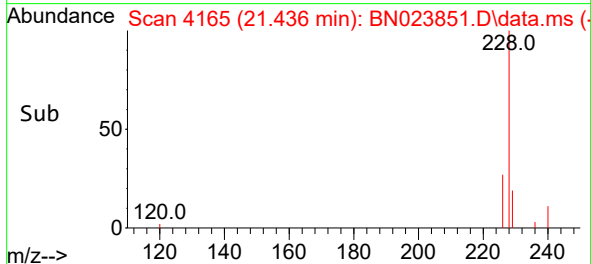
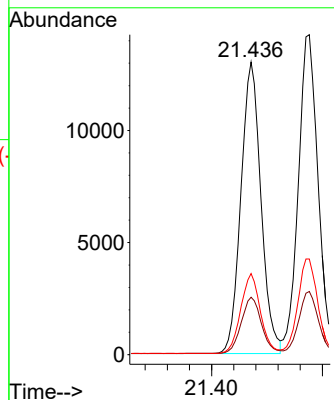
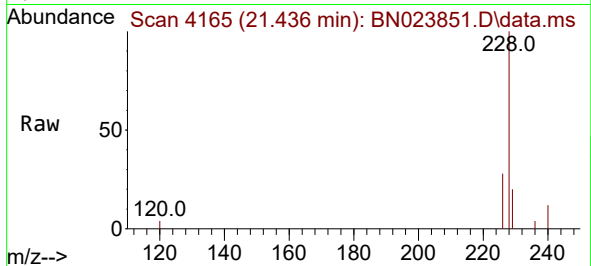




#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.436 min Scan# 4163
Delta R.T. 0.007 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

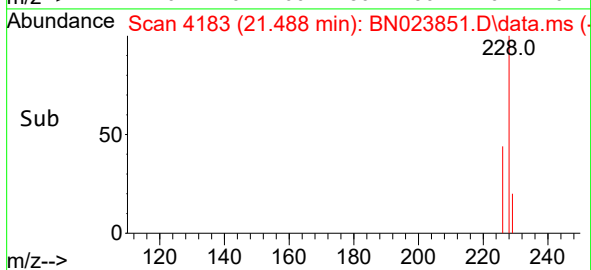
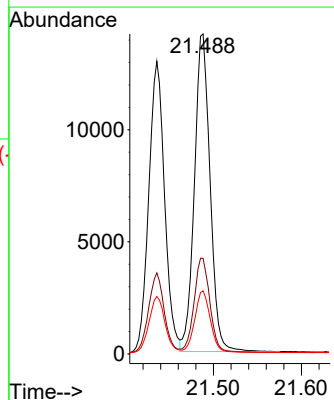
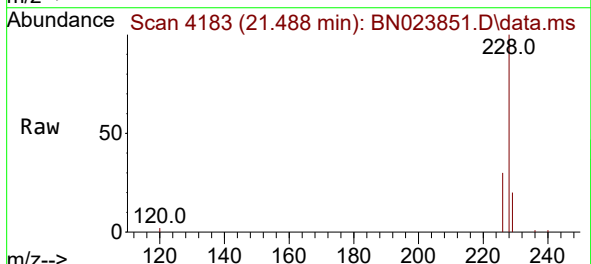
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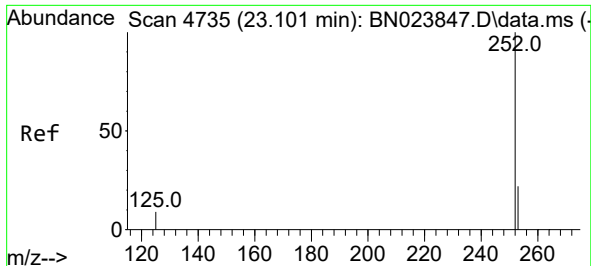
Tgt Ion:228 Resp: 16325
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.7 22.0 33.0



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.488 min Scan# 4183
Delta R.T. 0.007 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Tgt Ion:228 Resp: 17563
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.7 15.5 23.3

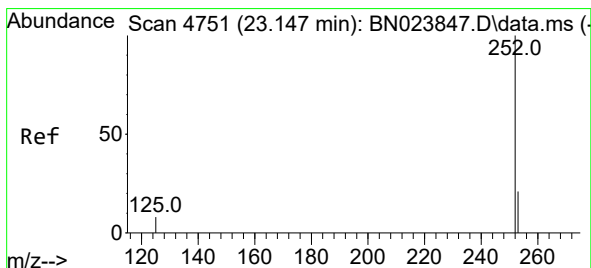
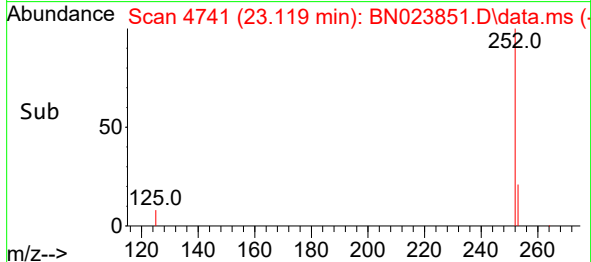
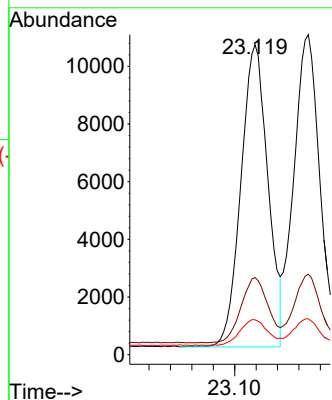
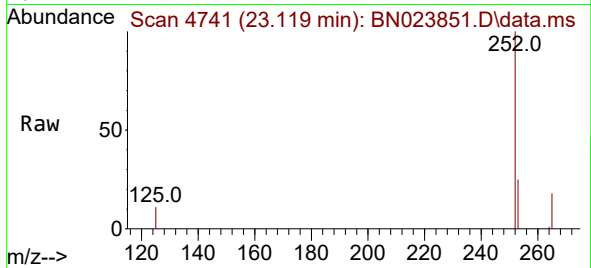




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.119 min Scan# 4735
Delta R.T. 0.018 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

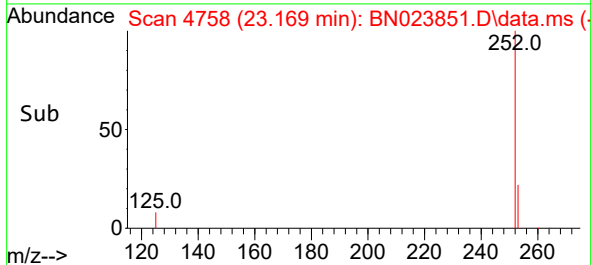
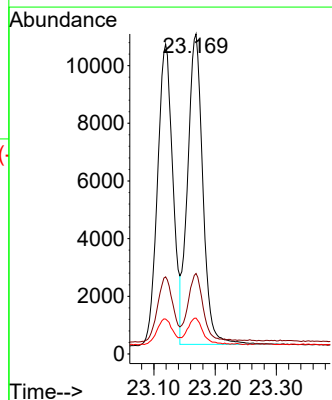
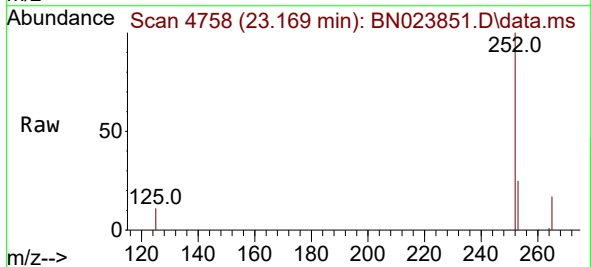
Instrument :
BNA_N
ClientSampleId :
SICV236

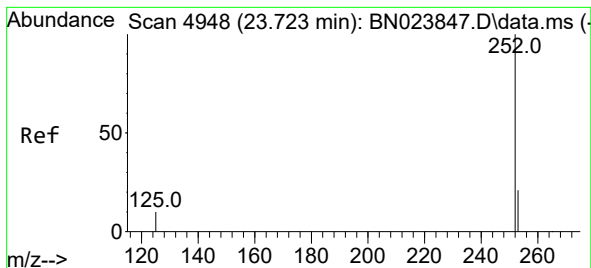
Tgt Ion:252 Resp: 18333
Ion Ratio Lower Upper
252 100
253 24.9 0.0 51.8
125 11.2 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.169 min Scan# 4758
Delta R.T. 0.021 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Tgt Ion:252 Resp: 18554
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.2
125 11.2 9.0 13.4





#26

Benzo(a)pyrene

Concen: 0.343 ng/ul

RT: 23.736 min Scan# 4948

Delta R.T. 0.013 min

Lab File: BN023851.D

Acq: 30 Jan 2023 18:42

Instrument :

BNA_N

ClientSampleId :

SICV236

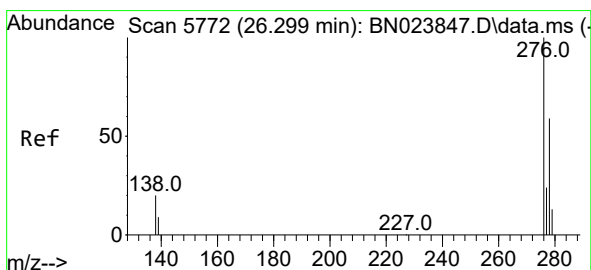
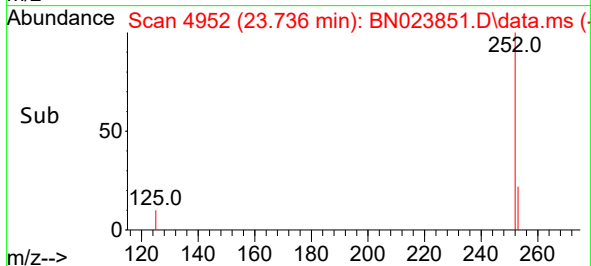
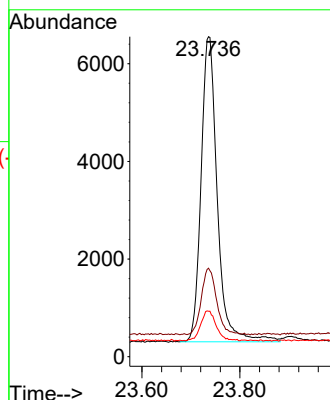
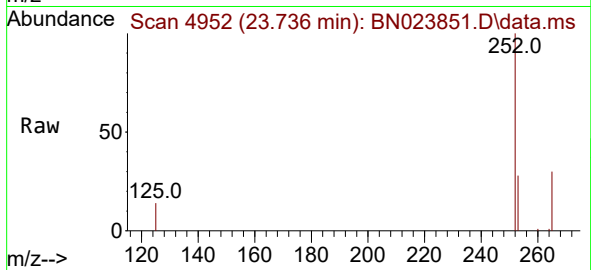
Tgt Ion:252 Resp: 14335

Ion Ratio Lower Upper

252 100

253 27.6 21.5 32.3

125 14.2 11.2 16.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.330 ng/ul

RT: 26.326 min Scan# 5780

Delta R.T. 0.028 min

Lab File: BN023851.D

Acq: 30 Jan 2023 18:42

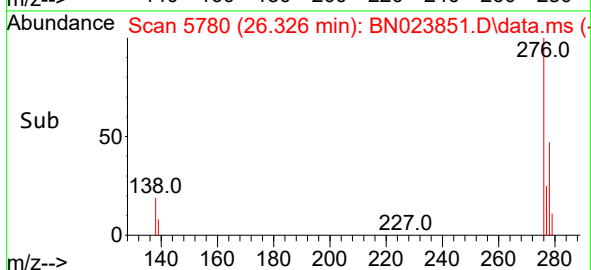
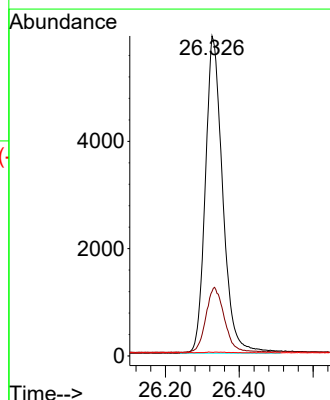
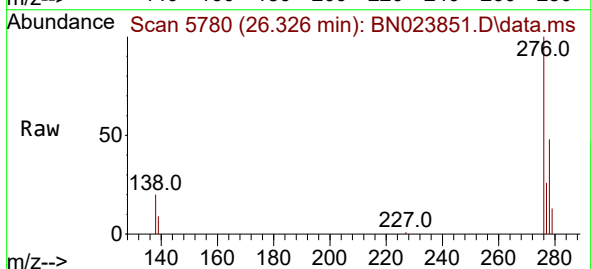
Tgt Ion:276 Resp: 19343

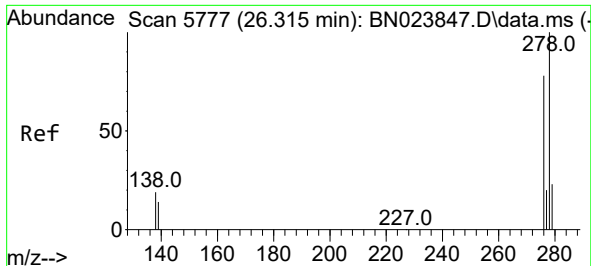
Ion Ratio Lower Upper

276 100

138 21.7 17.0 25.6

227 0.1 0.2 0.4



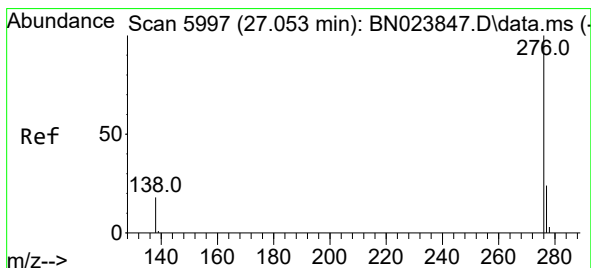
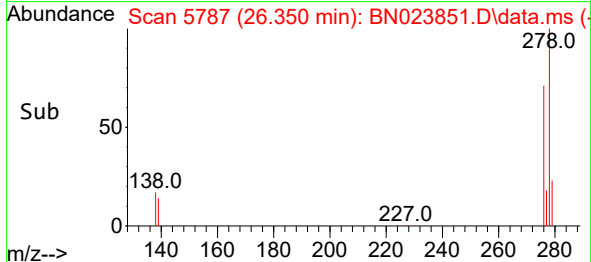
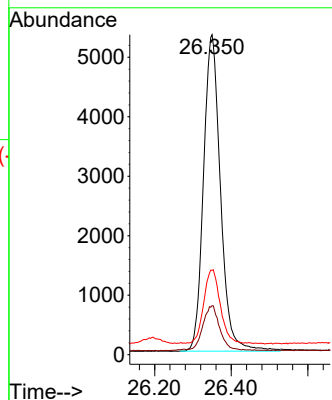
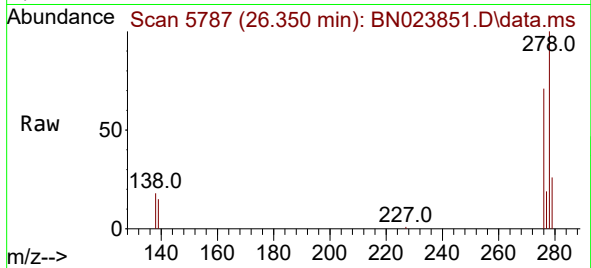


#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. 0.034 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Instrument :
BNA_N
ClientSampleId :
SICV236

Tgt Ion:278 Resp: 16449

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	26.3	21.4	32.0



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 27.088 min Scan# 6007
Delta R.T. 0.034 min
Lab File: BN023851.D
Acq: 30 Jan 2023 18:42

Tgt Ion:276 Resp: 17367

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.3	22.9
277	25.0	19.9	29.9

