

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025024.D
 Acq On : 20 Apr 2023 05:58
 Operator : CG/JU
 Sample : SST0.897
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 20 07:47:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 07:43:17 2023
 Response via : Initial Calibration

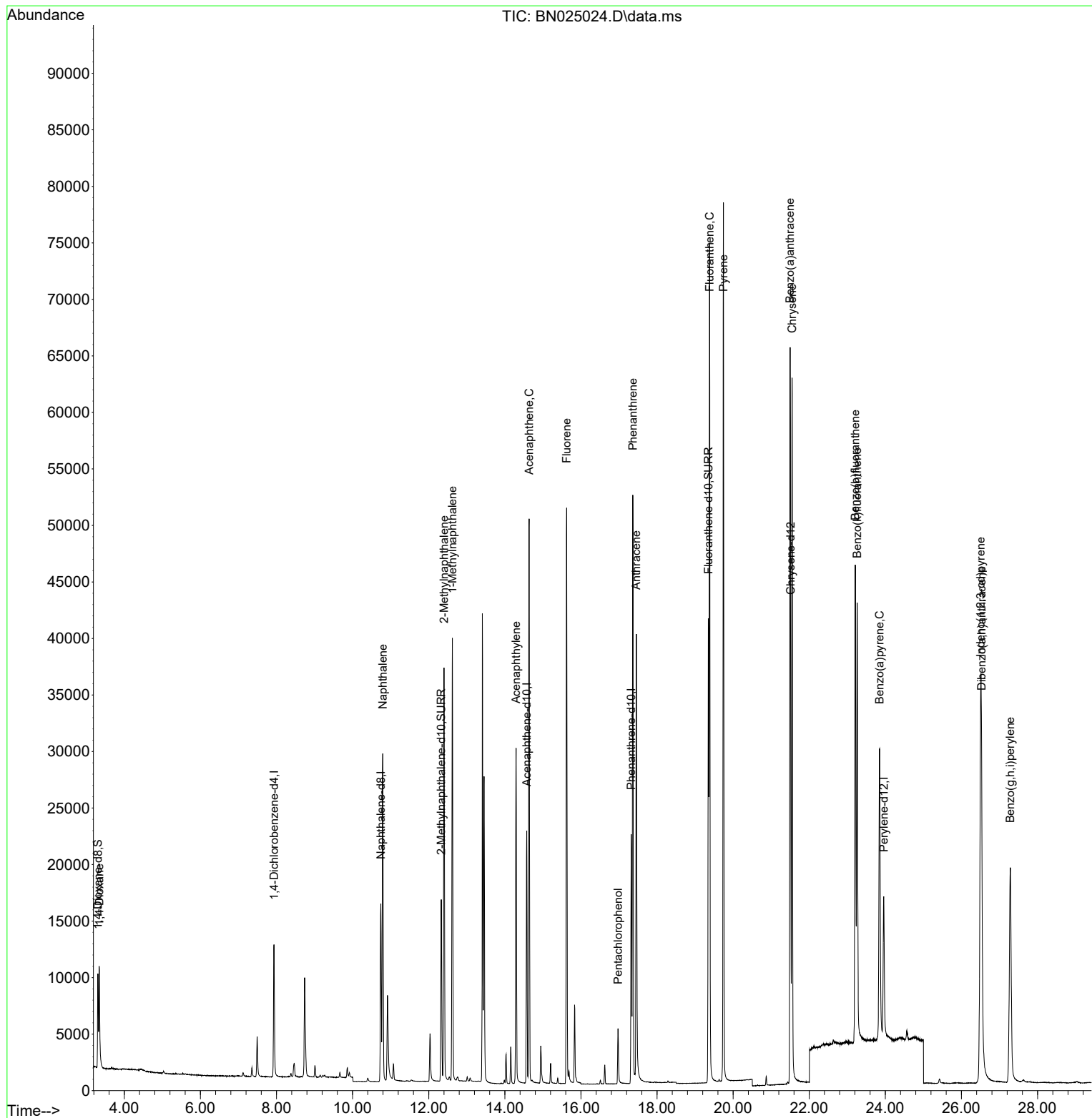
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6601	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	20500	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.574	164	11997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	25292	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	22868	0.400	ng/ul	0.00
23) Perylene-d12	23.957	264	17330	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	5232	0.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	20911	0.795	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	45537	0.802	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	5698	0.717	ng/ul	95
5) Naphthalene	10.791	128	40331	0.772	ng/ul	100
7) 2-Methylnaphthalene	12.402	142	25397	0.782	ng/ul	100
8) 1-Methylnaphthalene	12.622	142	26846	0.779	ng/ul	100
10) Acenaphthylene	14.297	152	34748	0.772	ng/ul	99
11) Acenaphthene	14.639	153	28952	0.751	ng/ul	98
12) Fluorene	15.625	166	32745	0.758	ng/ul	99
14) Pentachlorophenol	16.975	266	3623	0.672	ng/ul	99
15) Phenanthrene	17.363	178	54609	0.766	ng/ul	100
16) Anthracene	17.456	178	46266	0.781	ng/ul	99
19) Fluoranthene	19.381	202	63367	0.805	ng/ul	100
20) Pyrene	19.744	202	63931	0.792	ng/ul	99
21) Benzo(a)anthracene	21.496	228	53341	0.739	ng/ul	100
22) Chrysene	21.548	228	57698	0.738	ng/ul	99
24) Benzo(b)fluoranthene	23.209	252	56159	0.808	ng/ul	96
25) Benzo(k)fluoranthene	23.258	252	54301	0.801	ng/ul	96
26) Benzo(a)pyrene	23.849	252	45353	0.787	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.503	276	53553	0.787	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.526	278	42335	0.792	ng/ul	96
29) Benzo(g,h,i)perylene	27.284	276	44857	0.780	ng/ul	99

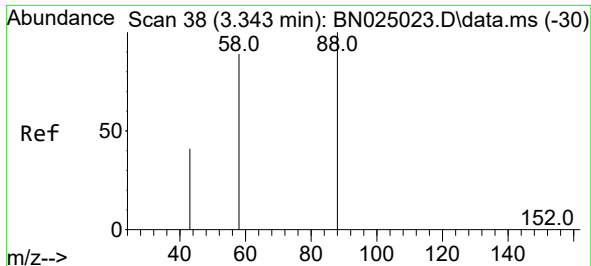
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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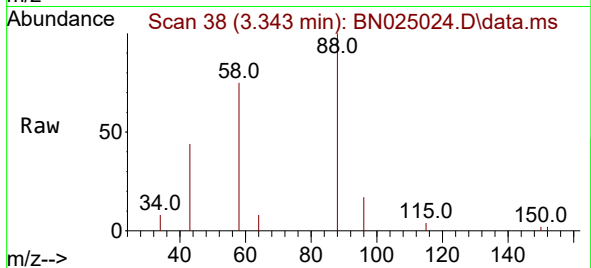
Quant Time: Apr 20 07:47:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 07:43:17 2023
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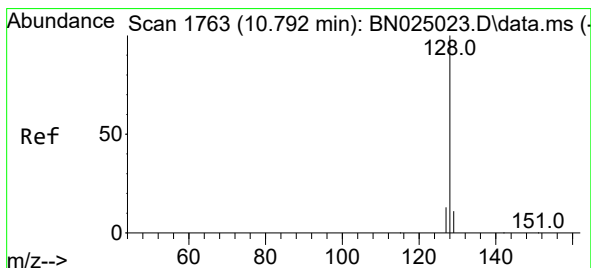
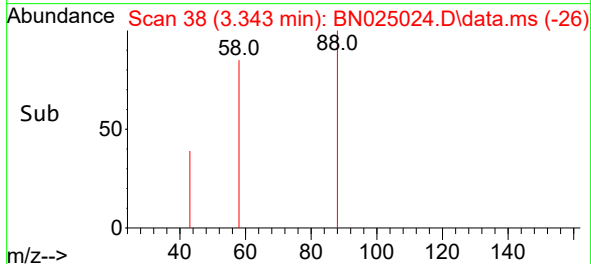
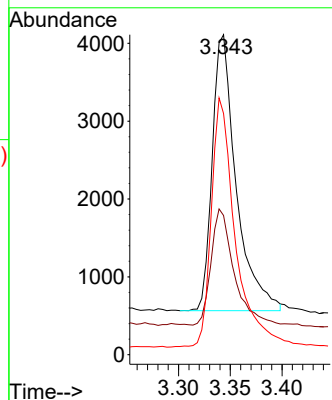
#2
1,4-Dioxane
Concen: 0.717 ng/ul
RT: 3.343 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Instrument :
BNA_N
ClientSampleId :



Tgt Ion: 88 Resp: 5698

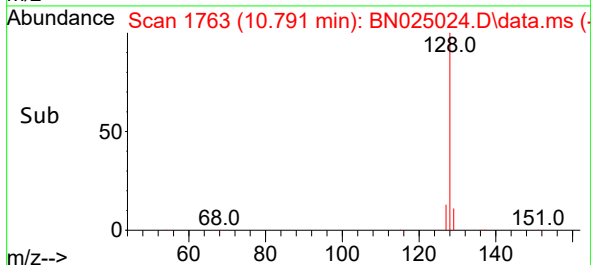
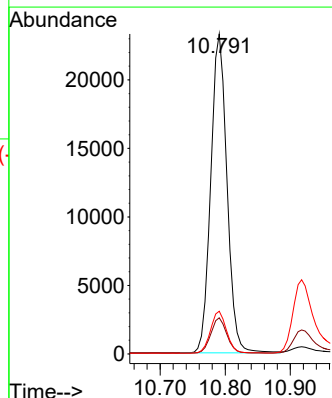
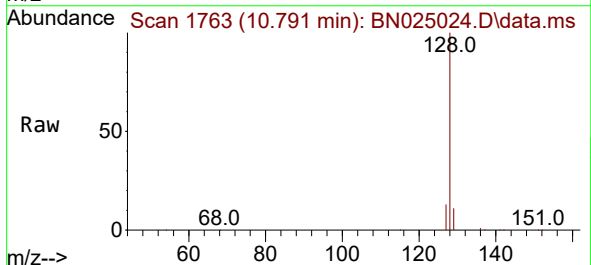
Ion	Ratio	Lower	Upper
88	100		
43	43.5	37.0	55.4
58	75.3	56.9	85.3

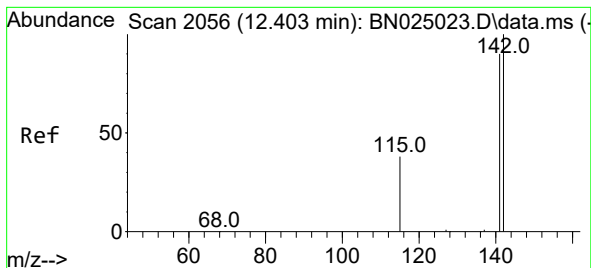


#5
Naphthalene
Concen: 0.772 ng/ul
RT: 10.791 min Scan# 1763
Delta R.T. -0.001 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Tgt Ion: 128 Resp: 40331

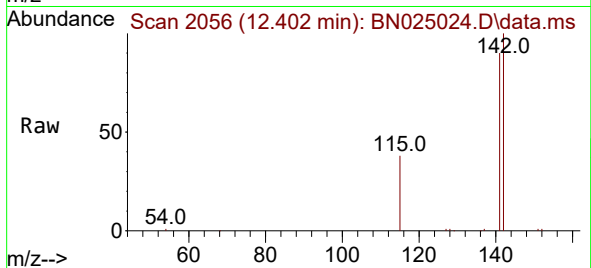
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	10.7	16.1



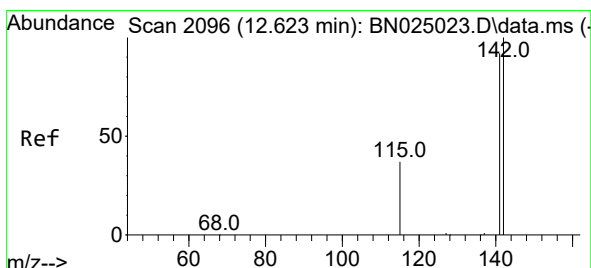
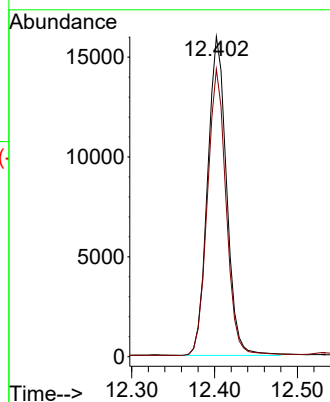
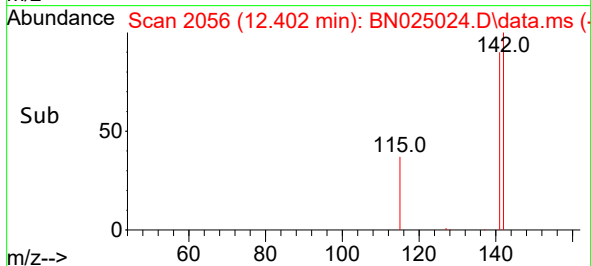


#7
2-Methylnaphthalene
Concen: 0.782 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

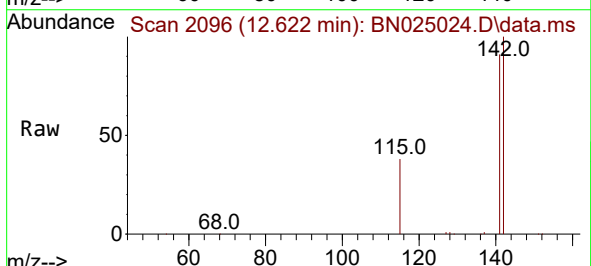
Instrument :
BNA_N
ClientSampleId :



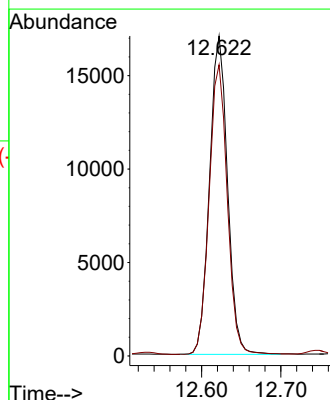
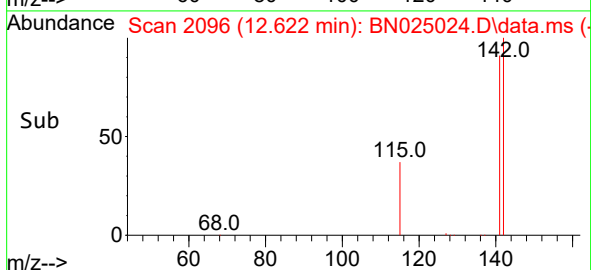
Tgt Ion:142 Resp: 25397
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0

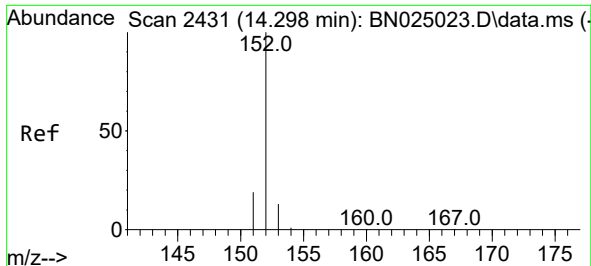


#8
1-Methylnaphthalene
Concen: 0.779 ng/ul
RT: 12.622 min Scan# 2096
Delta R.T. -0.001 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58



Tgt Ion:142 Resp: 26846
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6

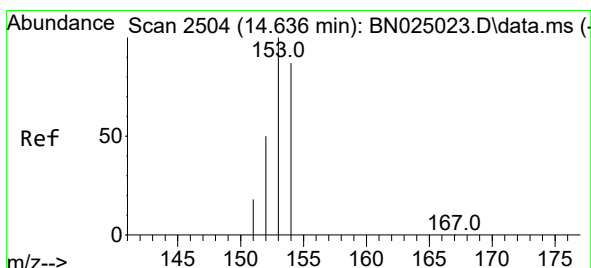
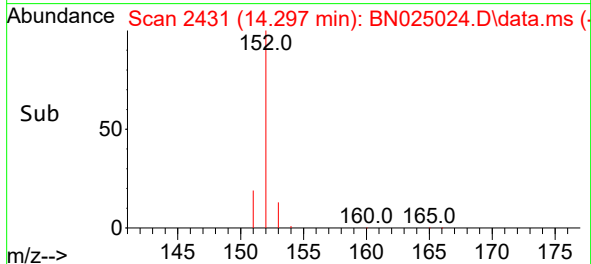
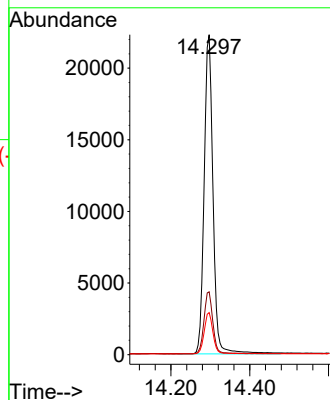
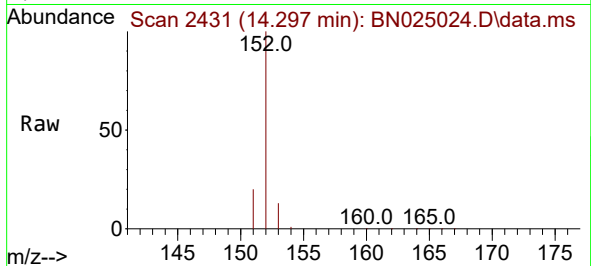




#10
Acenaphthylene
Concen: 0.772 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.001 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

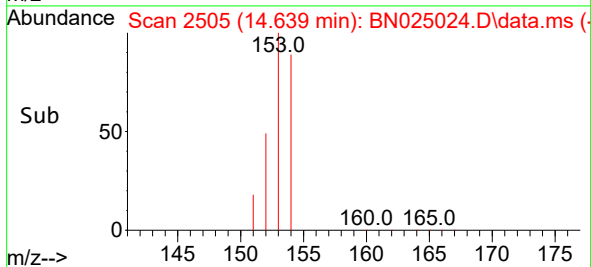
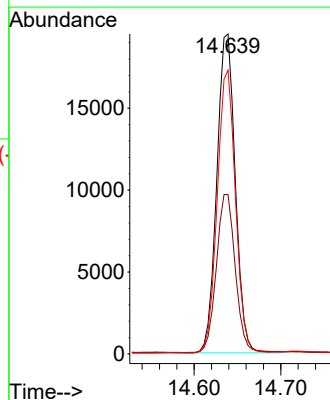
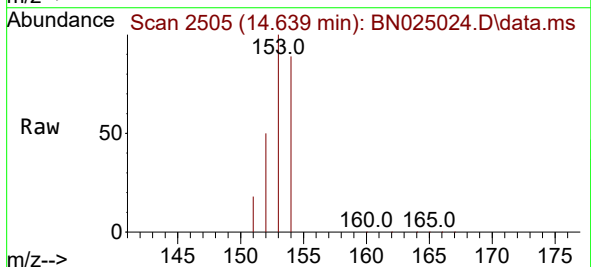
Instrument :
BNA_N
ClientSampleId :

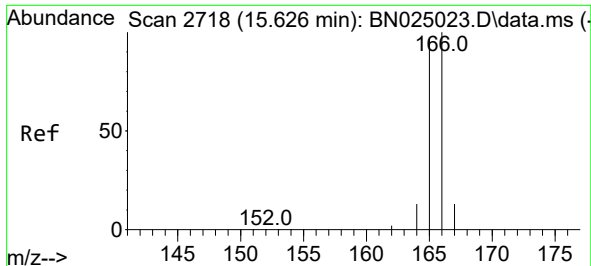
Tgt Ion:152 Resp: 34748
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.1 10.8 16.2



#11
Acenaphthene
Concen: 0.751 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. 0.003 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

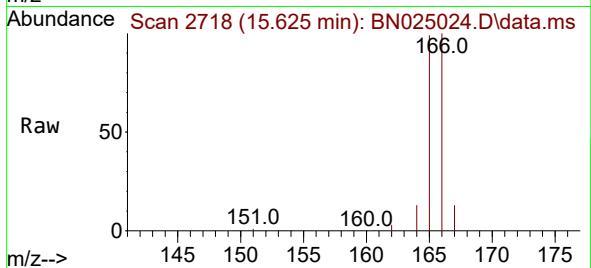
Tgt Ion:153 Resp: 28952
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 88.7 69.4 104.2



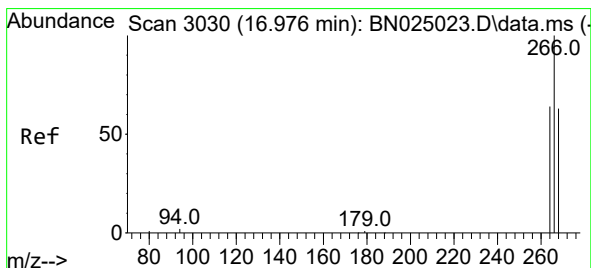
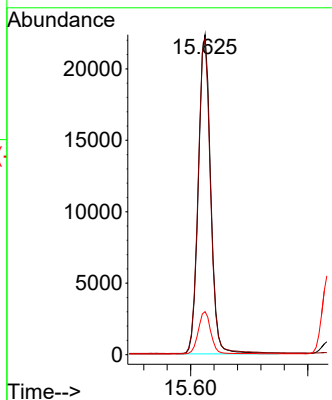
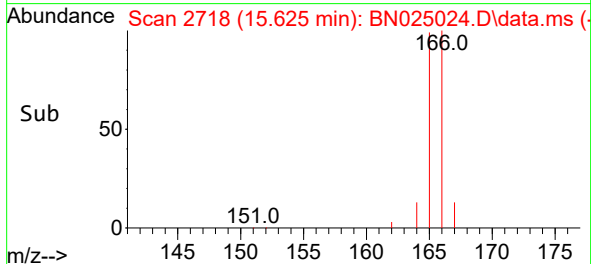


#12
Fluorene
Concen: 0.758 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.001 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Instrument :
BNA_N
ClientSampleId :

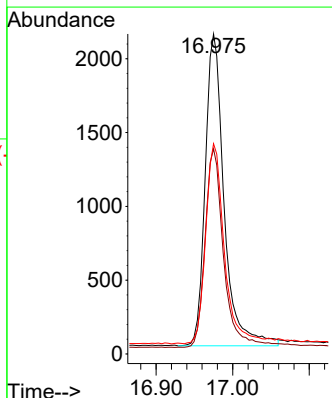
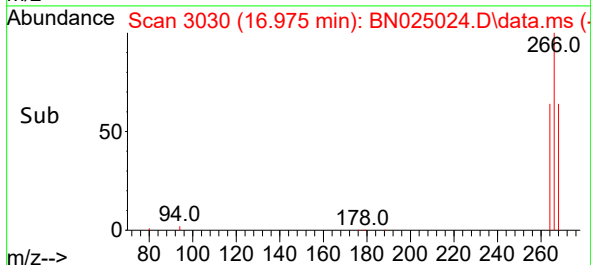
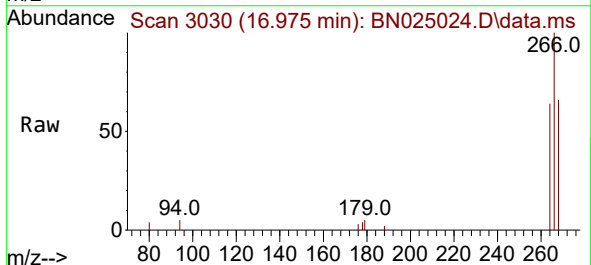


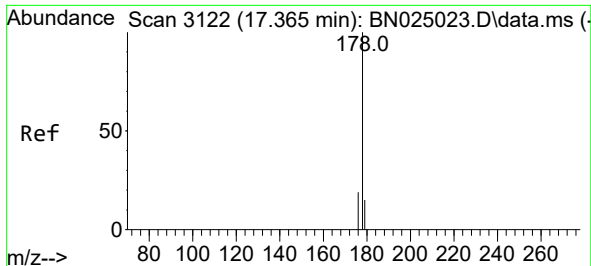
Tgt Ion:166 Resp: 32745
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 13.5 11.0 16.6



#14
Pentachlorophenol
Concen: 0.672 ng/ul
RT: 16.975 min Scan# 3030
Delta R.T. -0.001 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Tgt Ion:266 Resp: 3623
Ion Ratio Lower Upper
266 100
264 62.7 49.6 74.4
268 64.0 51.3 76.9

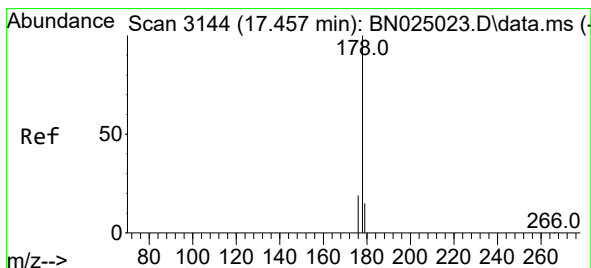
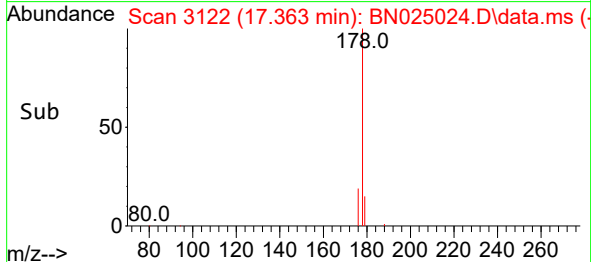
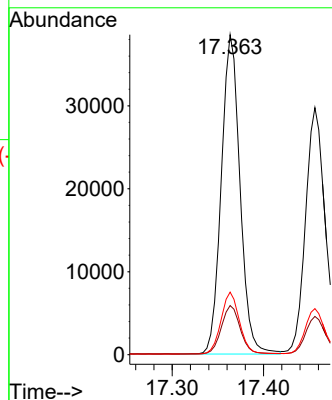
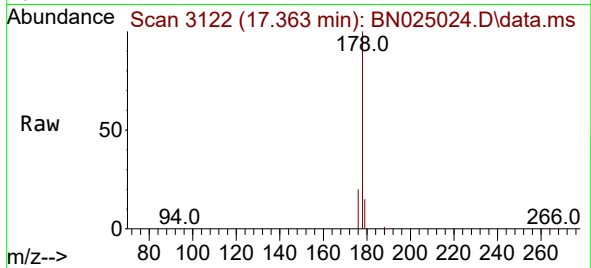




#15
Phenanthrene
Concen: 0.766 ng/ul
RT: 17.363 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

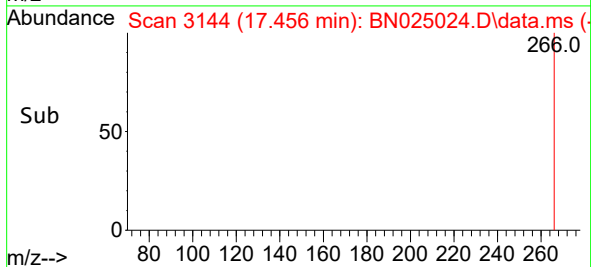
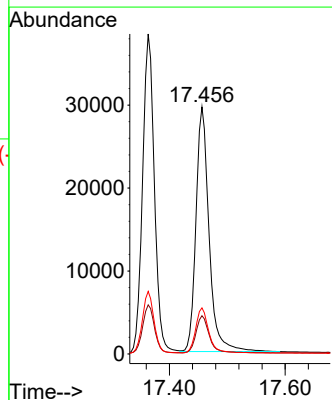
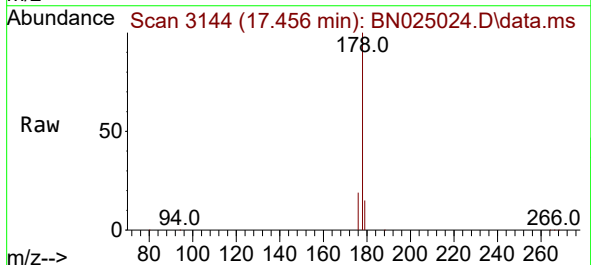
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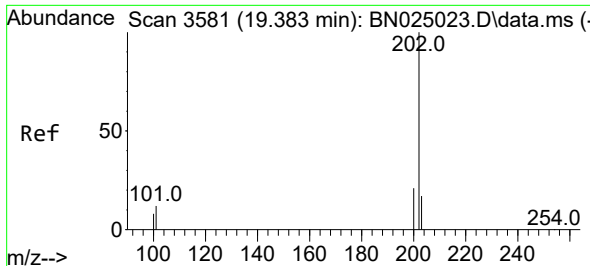
Tgt Ion:178 Resp: 54609
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.781 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Tgt Ion:178 Resp: 46266
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.7 15.3 22.9





#19

Fluoranthene

Concen: 0.805 ng/u1

RT: 19.381 min Scan# 3581

Delta R.T. -0.002 min

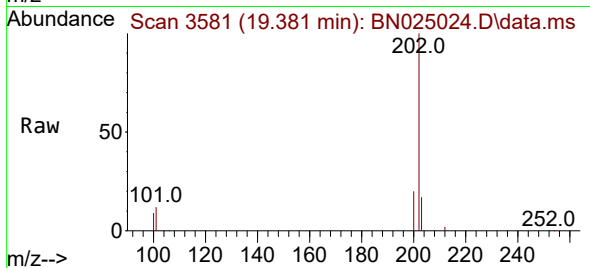
Lab File: BN025024.D

Acq: 20 Apr 2023 05:58

Instrument :

BNA_N

ClientSampleId :



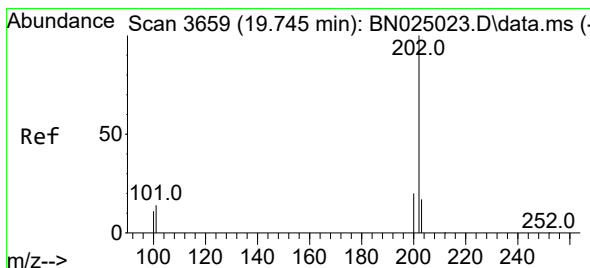
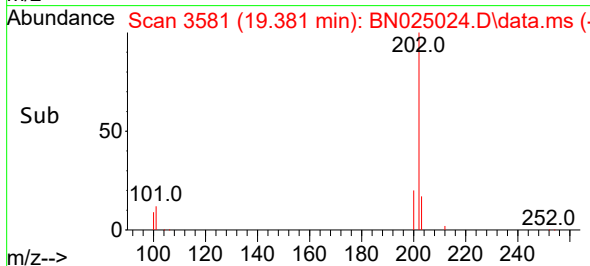
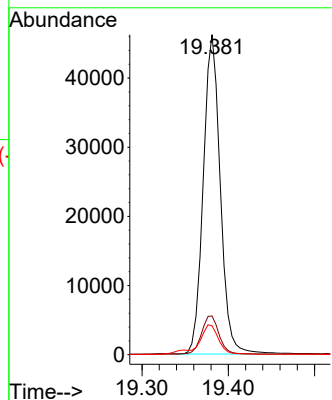
Tgt Ion:202 Resp: 63367

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

100 9.0 7.3 10.9



#20

Pyrene

Concen: 0.792 ng/u1

RT: 19.744 min Scan# 3659

Delta R.T. -0.002 min

Lab File: BN025024.D

Acq: 20 Apr 2023 05:58

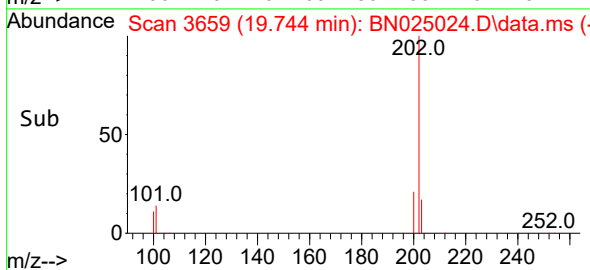
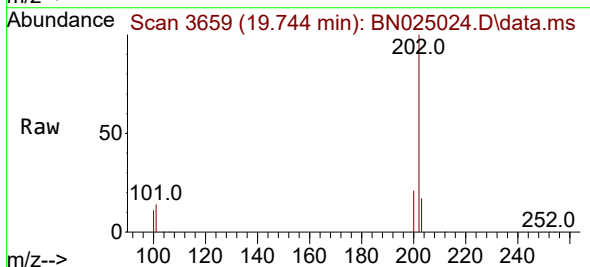
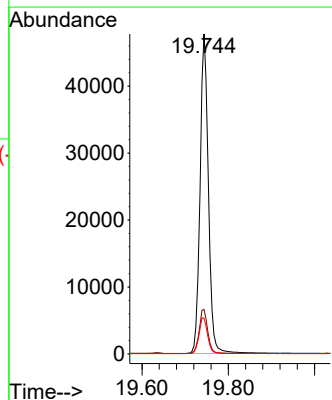
Tgt Ion:202 Resp: 63931

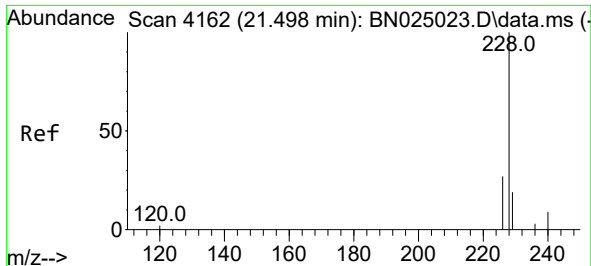
Ion Ratio Lower Upper

202 100

101 13.9 11.3 16.9

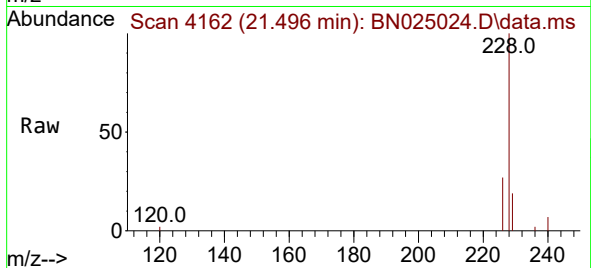
100 11.2 9.2 13.8



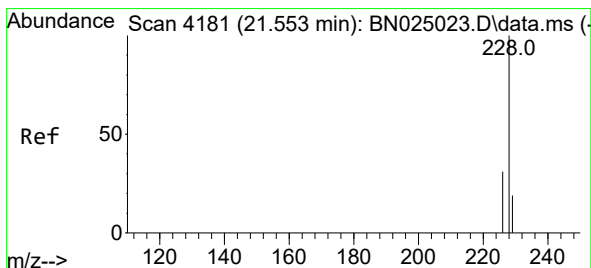
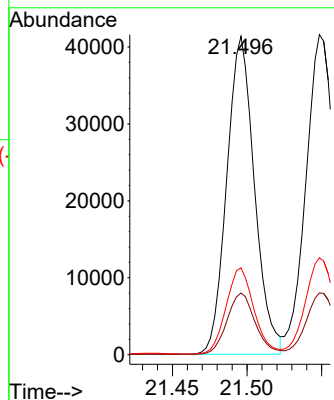
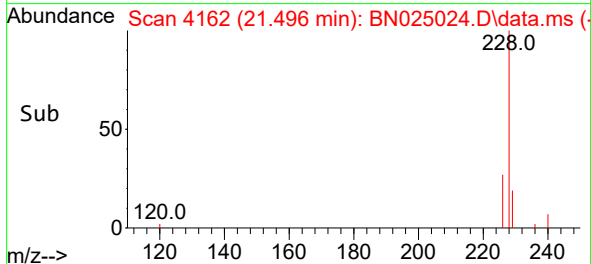


#21
Benzo(a)anthracene
Concen: 0.739 ng/ul
RT: 21.496 min Scan# 4162
Delta R.T. -0.002 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Instrument :
BNA_N
ClientSampleId :

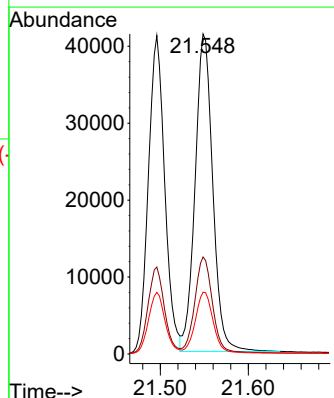
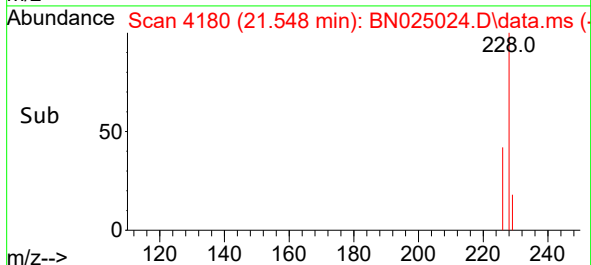
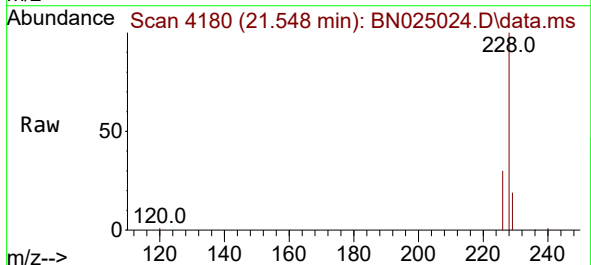


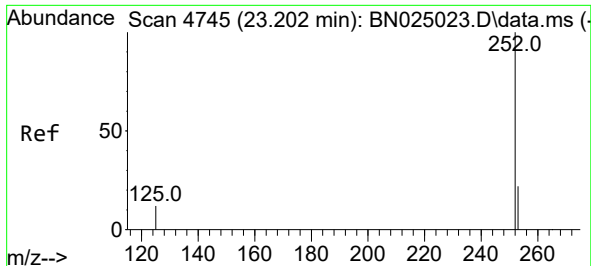
Tgt Ion:228 Resp: 53341
Ion Ratio Lower Upper
228 100
229 19.3 15.6 23.4
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.738 ng/ul
RT: 21.548 min Scan# 4180
Delta R.T. -0.005 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

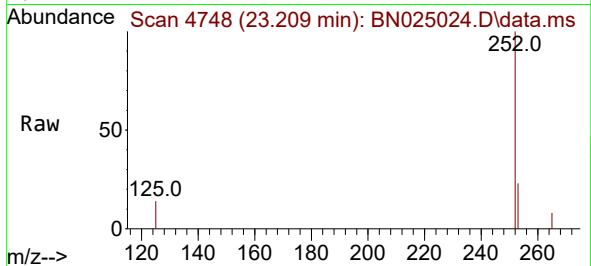
Tgt Ion:228 Resp: 57698
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.3 15.8 23.6



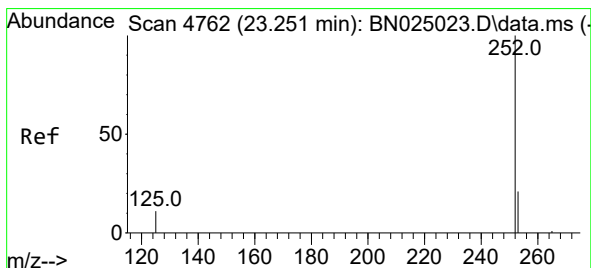
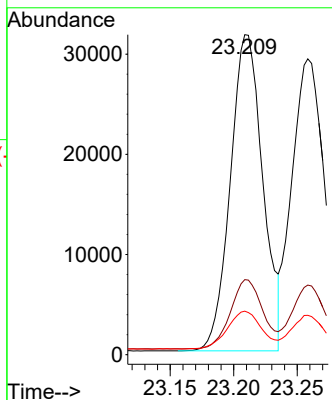


#24
Benzo(b)fluoranthene
Concen: 0.808 ng/ul
RT: 23.209 min Scan# 4745
Delta R.T. 0.007 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Instrument :
BNA_N
ClientSampleId :

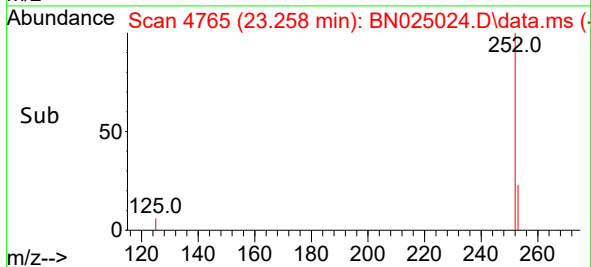
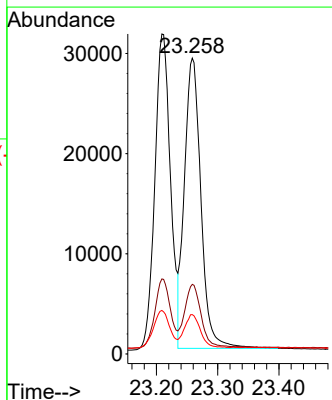
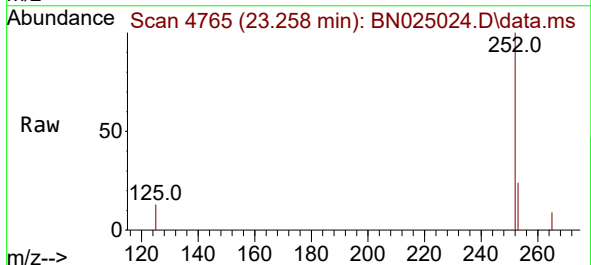


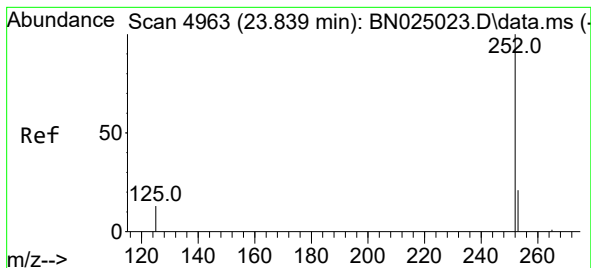
Tgt Ion:252 Resp: 56159
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 13.6 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.801 ng/ul
RT: 23.258 min Scan# 4765
Delta R.T. 0.007 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Tgt Ion:252 Resp: 54301
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.4
125 13.3 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.787 ng/ul

RT: 23.849 min Scan# 4963

Delta R.T. 0.010 min

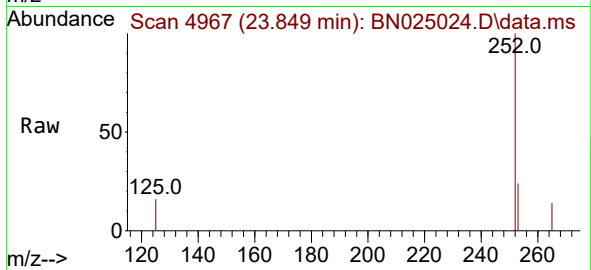
Lab File: BN025024.D

Acq: 20 Apr 2023 05:58

Instrument :

BN025024.D

ClientSampleId :



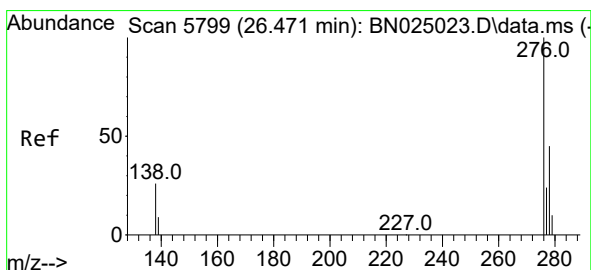
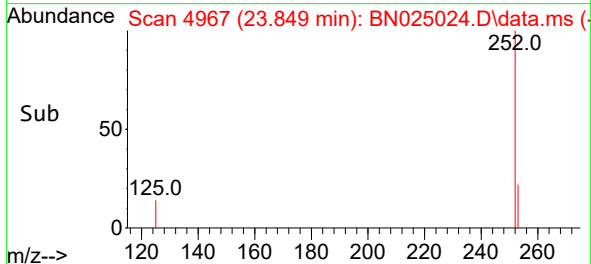
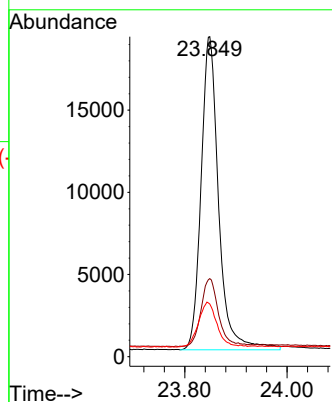
Tgt Ion:252 Resp: 45353

Ion Ratio Lower Upper

252 100

253 24.4 21.4 32.2

125 16.5 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.787 ng/ul

RT: 26.503 min Scan# 5809

Delta R.T. 0.032 min

Lab File: BN025024.D

Acq: 20 Apr 2023 05:58

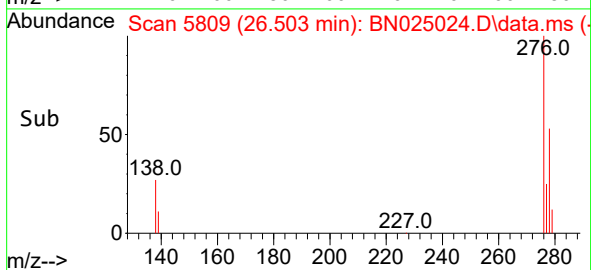
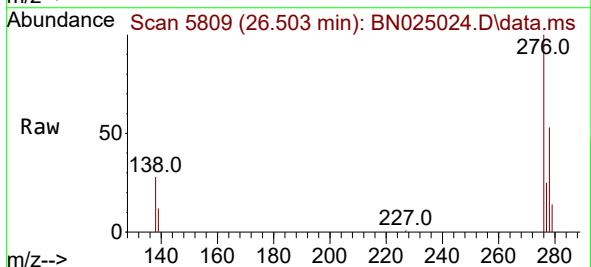
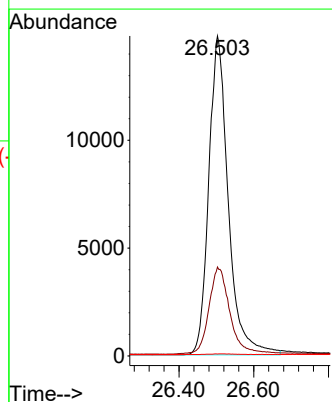
Tgt Ion:276 Resp: 53553

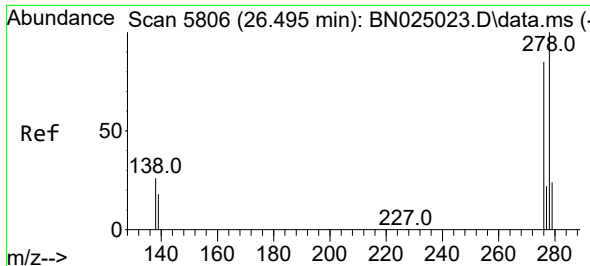
Ion Ratio Lower Upper

276 100

138 29.4 21.9 32.9

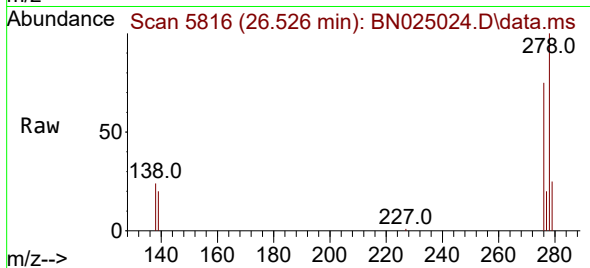
227 0.1 0.1 0.1#



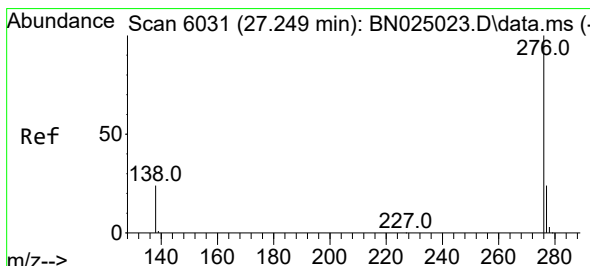
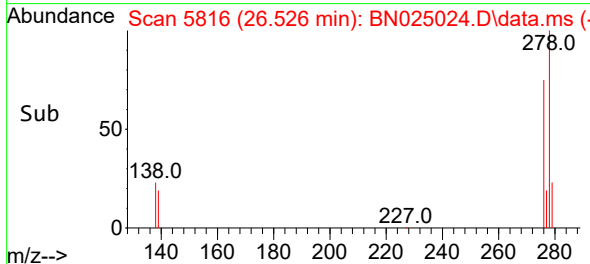
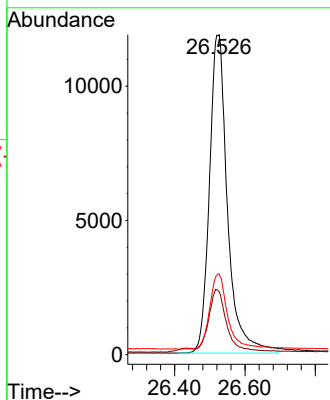


#28
Dibenzo(a,h)anthracene
Concen: 0.792 ng/ul
RT: 26.526 min Scan# 5816
Delta R.T. 0.032 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 42335
Ion Ratio Lower Upper
278 100
139 19.6 17.0 25.6
279 25.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.780 ng/ul
RT: 27.284 min Scan# 6042
Delta R.T. 0.035 min
Lab File: BN025024.D
Acq: 20 Apr 2023 05:58

Tgt Ion:276 Resp: 44857
Ion Ratio Lower Upper
276 100
138 25.8 20.3 30.5
277 24.0 19.8 29.6

