

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013123\
 Data File : BN023857.D
 Acq On : 31 Jan 2023 12:28
 Operator : CG/JU
 Sample : 01311-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBQM3MS

Quant Time: Jan 31 13:12:22 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)

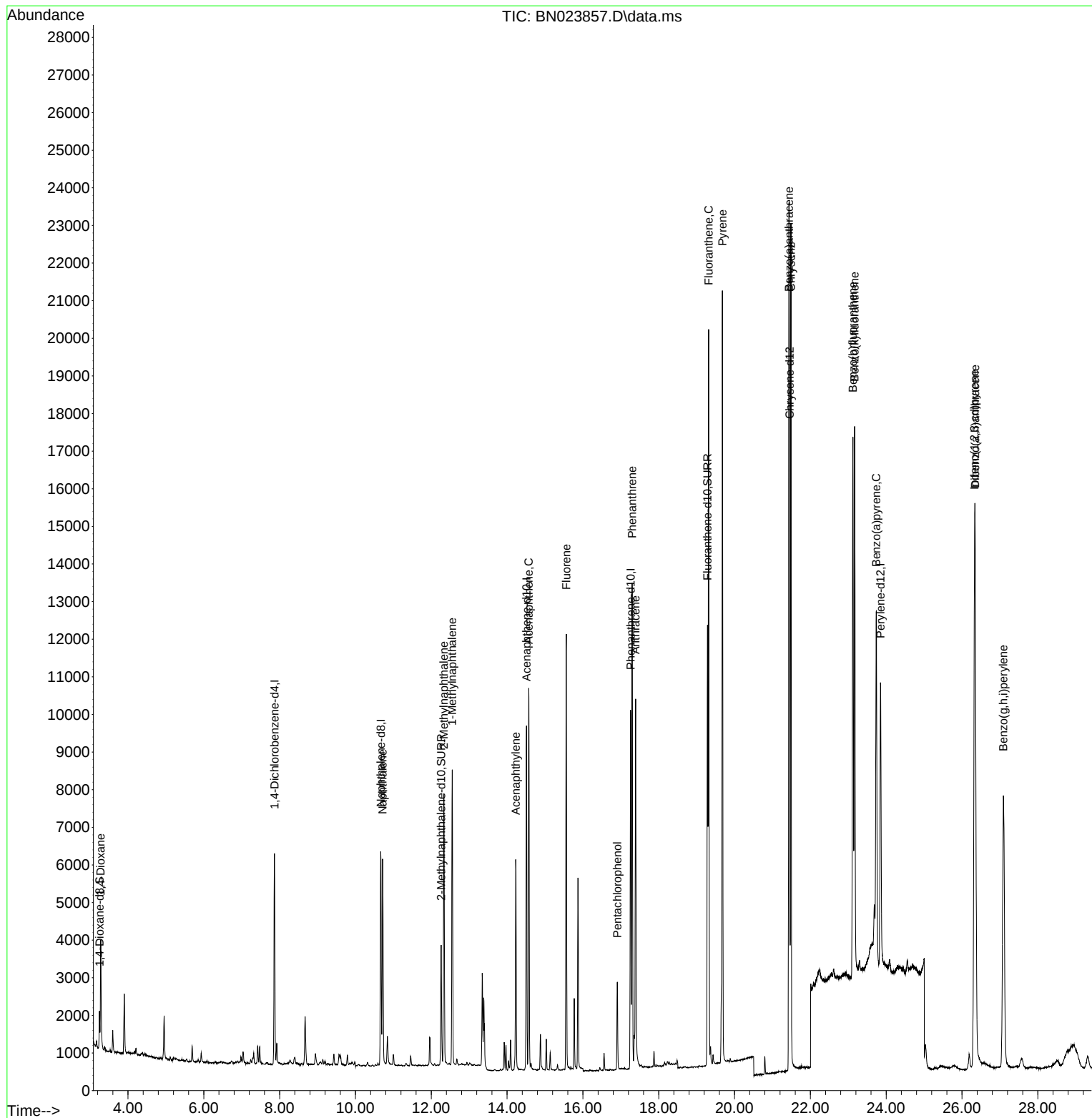
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	7660	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	4865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	11478	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	12079	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	10322	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.247	96	667	0.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	4053	0.338	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	13032	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	2081	0.635	ng/ul#	87
5) Naphthalene	10.716	128	7331	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	5014	0.368	ng/ul	99
8) 1-Methylnaphthalene	12.553	142	5173	0.371	ng/ul	99
10) Acenaphthylene	14.229	152	6274	0.337	ng/ul	99
11) Acenaphthene	14.571	153	5741	0.351	ng/ul	99
12) Fluorene	15.561	166	7148	0.361	ng/ul	100
14) Pentachlorophenol	16.909	266	1526	0.403	ng/ul	98
15) Phenanthrene	17.297	178	13237	0.387	ng/ul	100
16) Anthracene	17.390	178	10876	0.380	ng/ul	99
19) Fluoranthene	19.318	202	17085	0.425	ng/ul	100
20) Pyrene	19.680	202	17529	0.422	ng/ul	99
21) Benzo(a)anthracene	21.433	228	17149	0.418	ng/ul	100
22) Chrysene	21.486	228	18317	0.424	ng/ul	99
24) Benzo(b)fluoranthene	23.123	252	18647	0.409	ng/ul	98
25) Benzo(k)fluoranthene	23.166	252	18414	0.413	ng/ul	99
26) Benzo(a)pyrene	23.737	252	15803	0.416	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.330	276	20725	0.389	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.347	278	17092	0.401	ng/ul	100
29) Benzo(g,h,i)perylene	27.092	276	17691	0.403	ng/ul	99

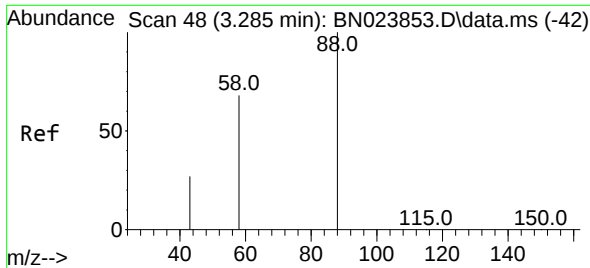
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 31 13:12:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

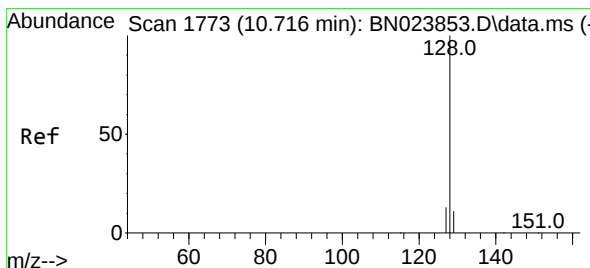
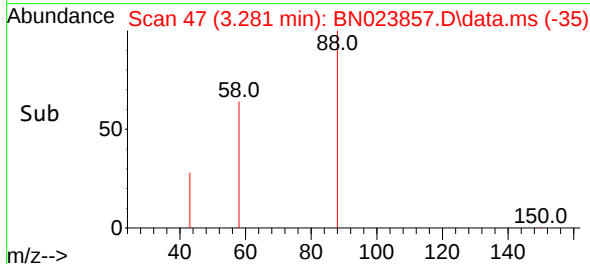
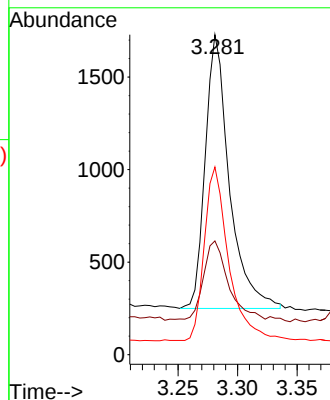
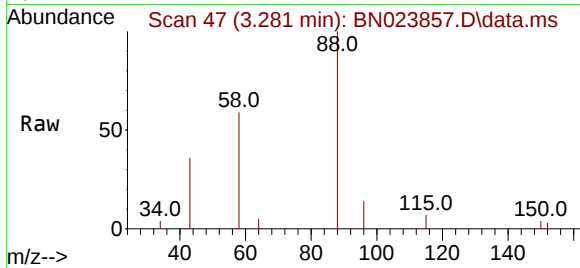




#2
1,4-Dioxane
Concen: 0.635 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

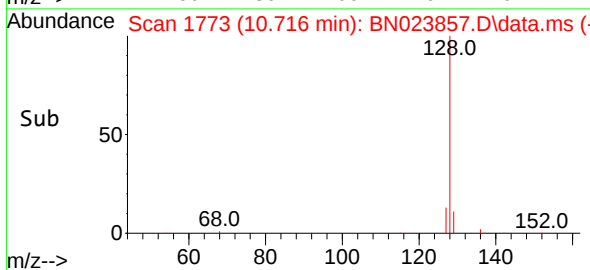
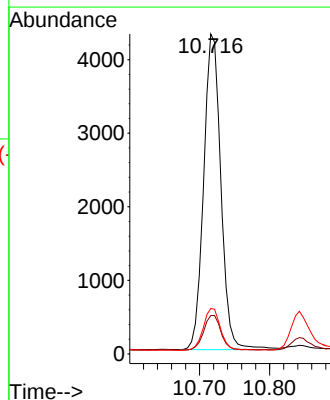
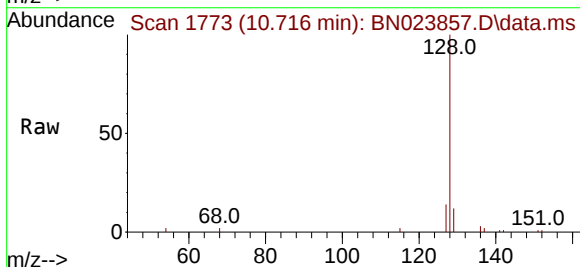
Instrument :
BNA_N
ClientSampleId :
GBQM3MS

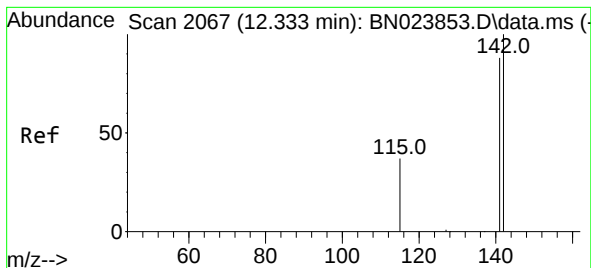
Tgt Ion: 88 Resp: 2081
Ion Ratio Lower Upper
88 100
43 35.6 41.9 62.9#
58 58.6 45.6 68.4



#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion: 128 Resp: 7331
Ion Ratio Lower Upper
128 100
129 12.0 9.7 14.5
127 14.2 11.1 16.7

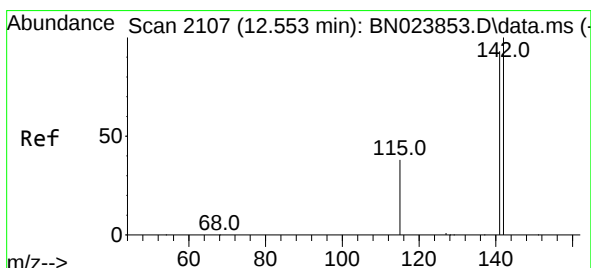
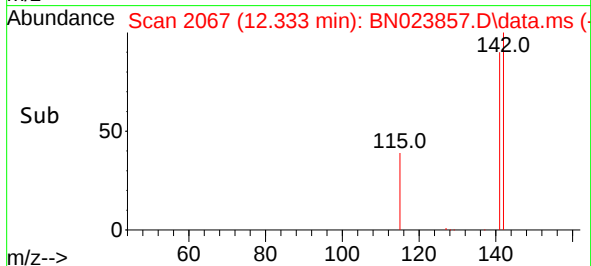
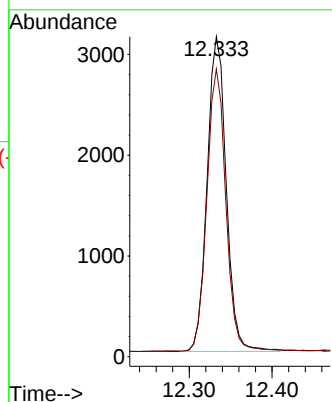
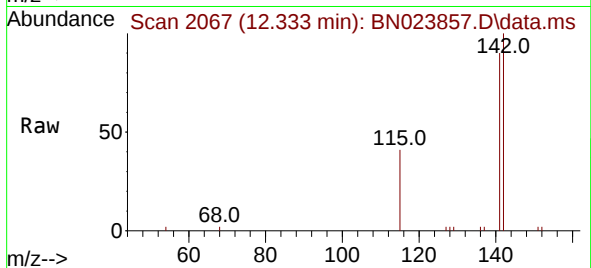




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

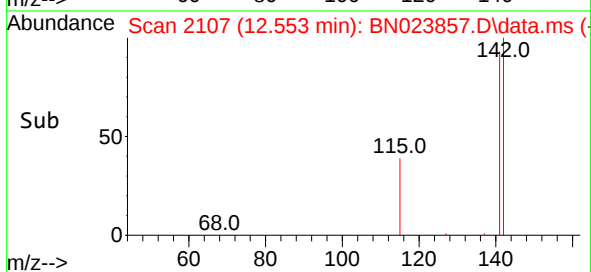
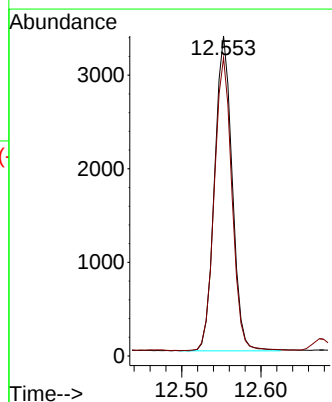
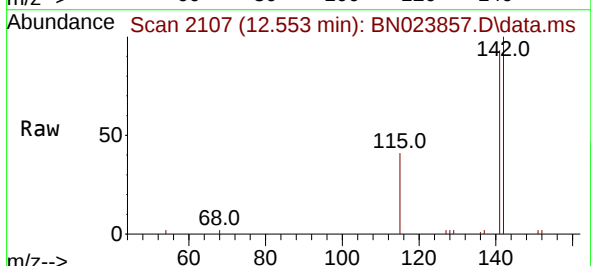
Instrument :
BNA_N
ClientSampleId :
GBQM3MS

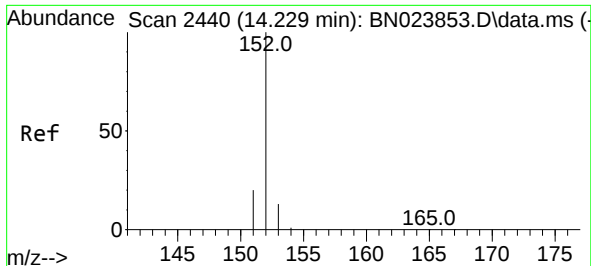
Tgt Ion:142 Resp: 5014
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion:142 Resp: 5173
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

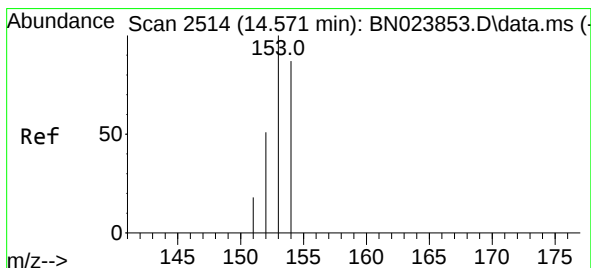
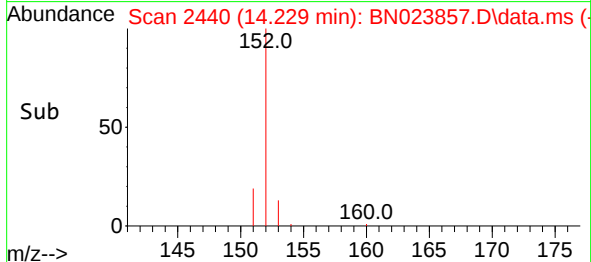
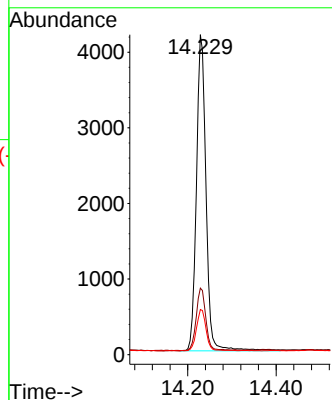
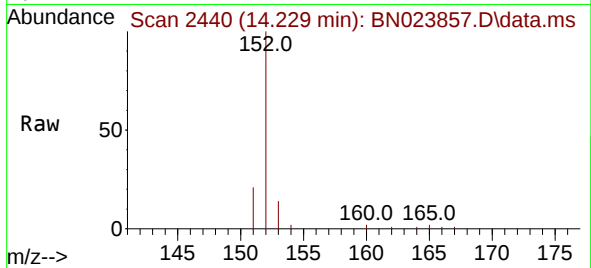




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.229 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

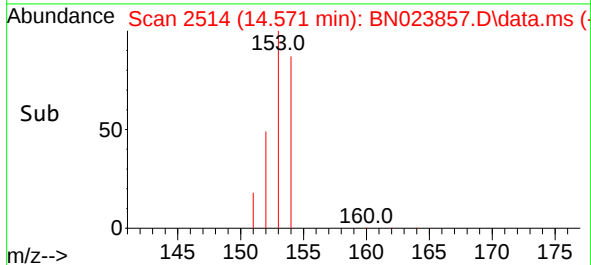
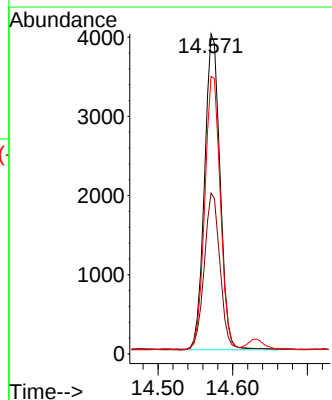
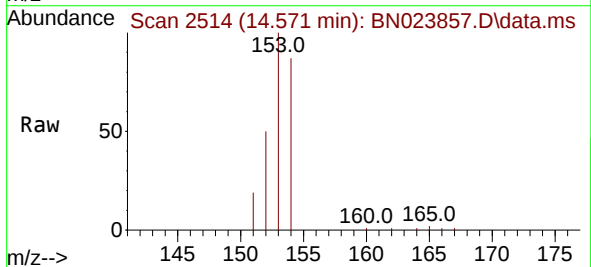
Instrument :
BNA_N
ClientSampleId :
GBQM3MS

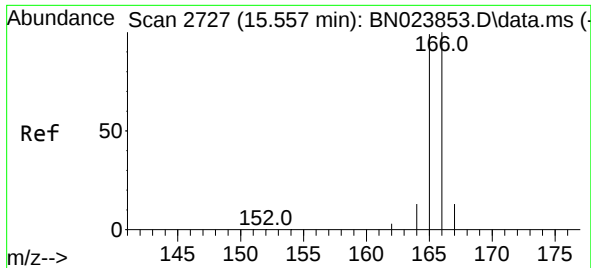
Tgt Ion:152 Resp: 6274
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.4
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion:153 Resp: 5741
Ion Ratio Lower Upper
153 100
152 50.2 39.6 59.4
154 86.7 68.8 103.2

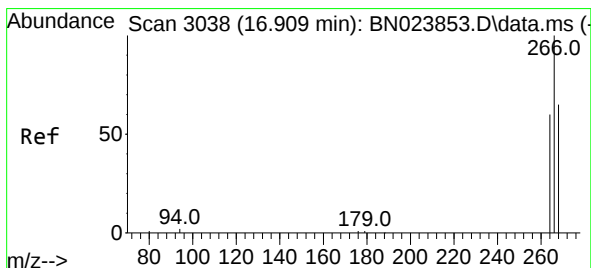
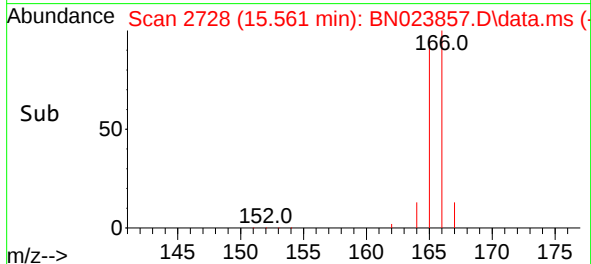
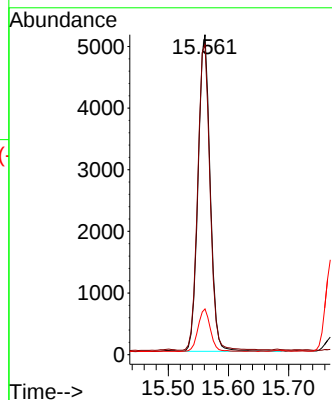
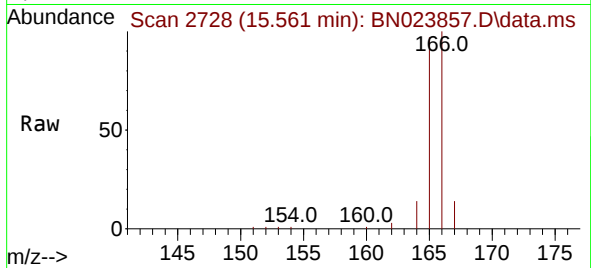




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.561 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

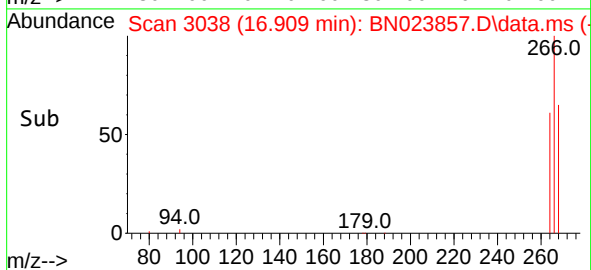
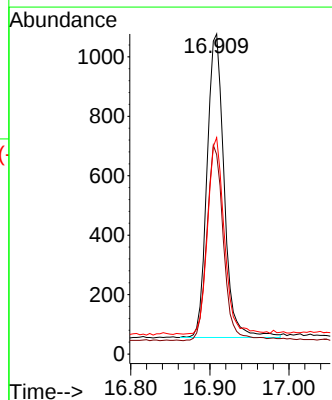
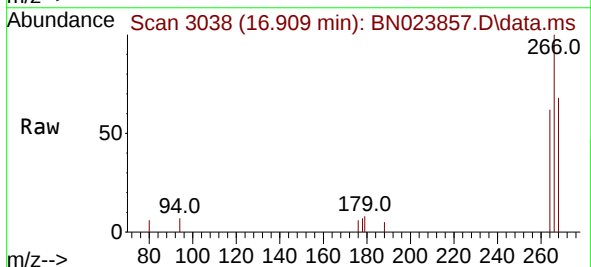
Instrument :
BNA_N
ClientSampleId :
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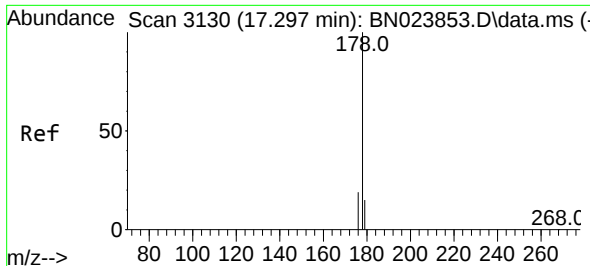
Tgt Ion:166 Resp: 7148
Ion Ratio Lower Upper
166 100
165 96.8 77.4 116.2
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.403 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion:266 Resp: 1526
Ion Ratio Lower Upper
266 100
264 63.4 49.4 74.0
268 63.0 52.0 78.0

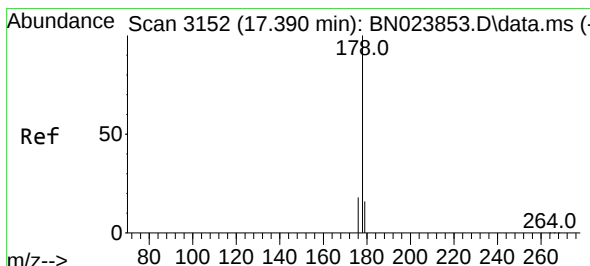
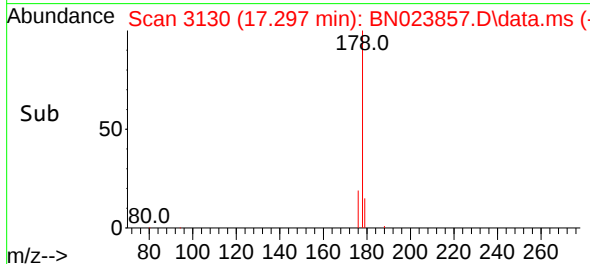
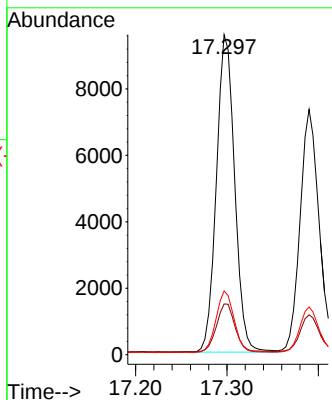
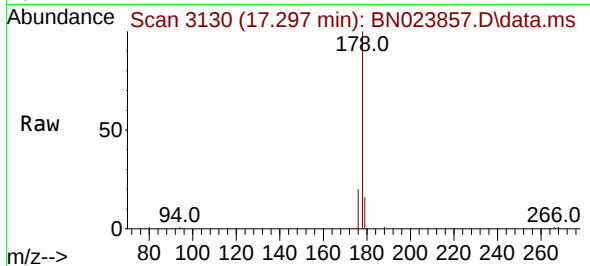




#15
Phenanthrene
Concen: 0.387 ng/u1
RT: 17.297 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

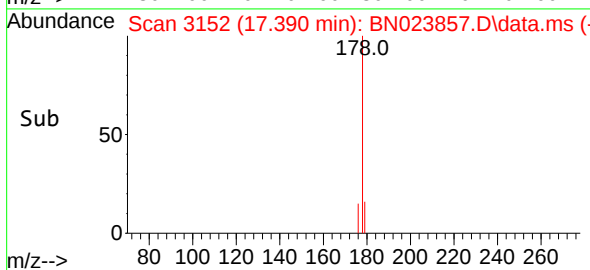
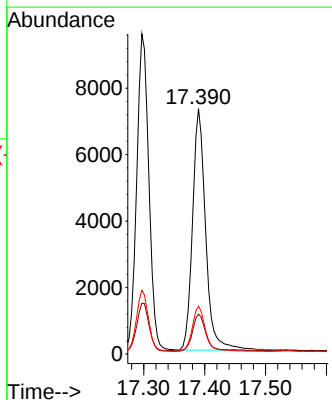
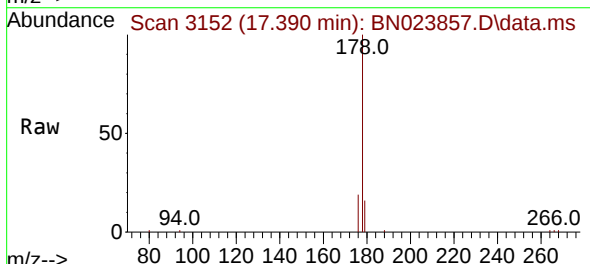
Instrument :
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ClientSampleId :
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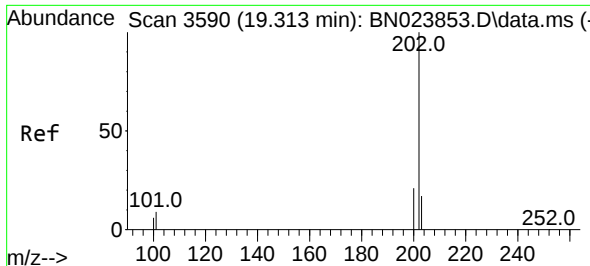
Tgt Ion:	178	Resp:	13237
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	19.9	15.7	23.5



#16
Anthracene
Concen: 0.380 ng/u1
RT: 17.390 min Scan# 3152
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion:	178	Resp:	10876
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.4	20.0
176	19.4	15.4	23.2

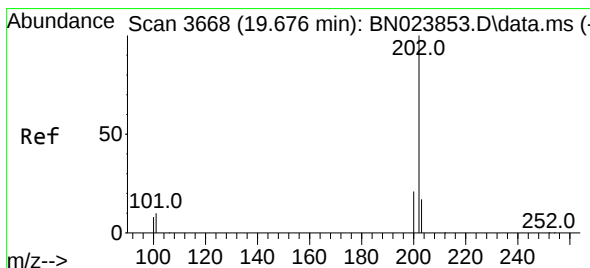
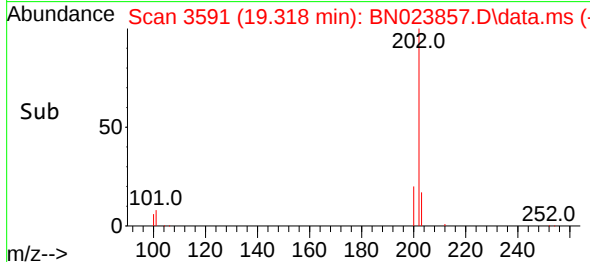
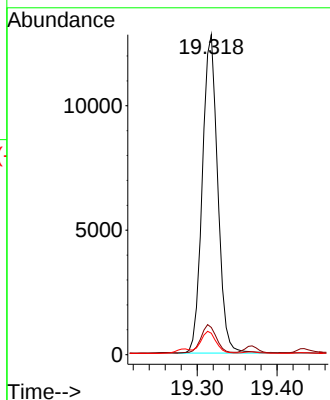
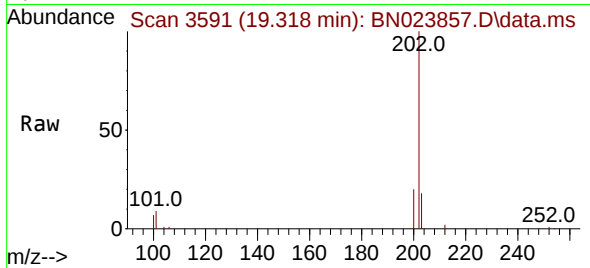




#19
Fluoranthene
Concen: 0.425 ng/ul
RT: 19.318 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

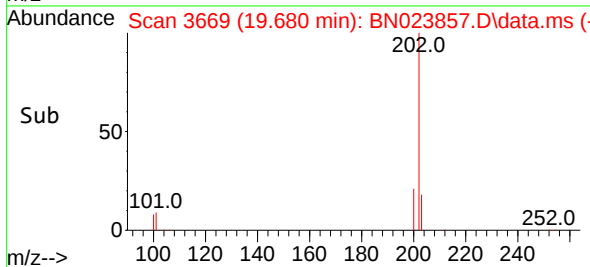
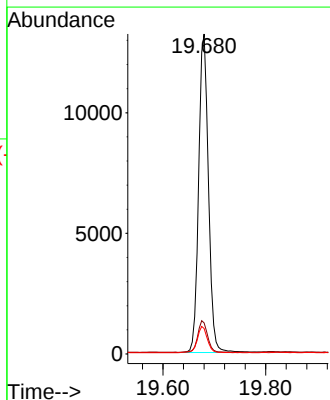
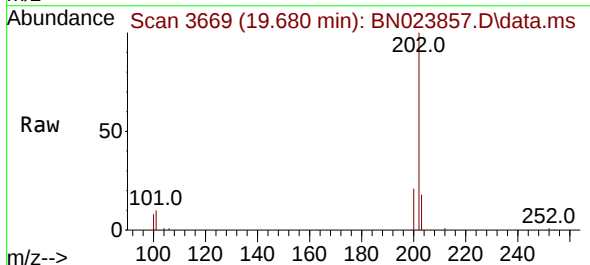
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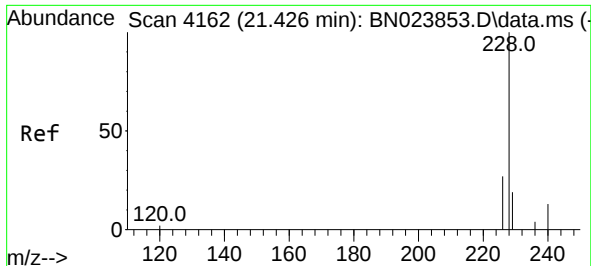
Tgt Ion:202 Resp: 17085
Ion Ratio Lower Upper
202 100
101 8.5 6.8 10.2
100 6.7 5.2 7.8



#20
Pyrene
Concen: 0.422 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion:202 Resp: 17529
Ion Ratio Lower Upper
202 100
101 9.7 8.1 12.1
100 7.9 6.2 9.4

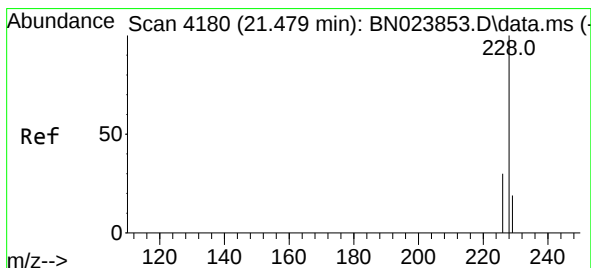
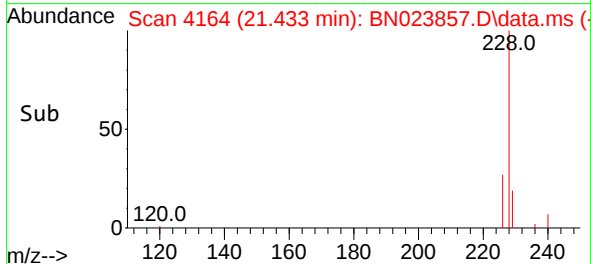
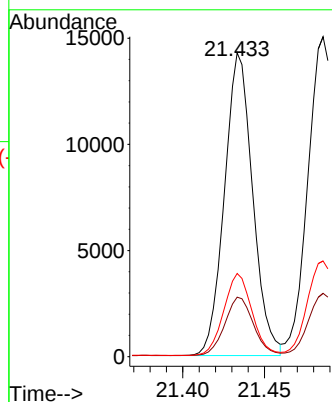
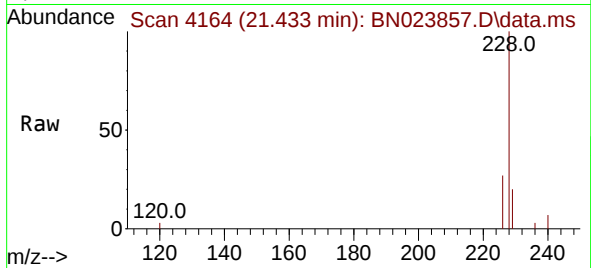




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.433 min Scan# 4164
Delta R.T. 0.004 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

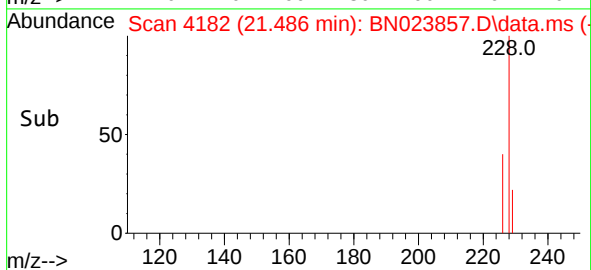
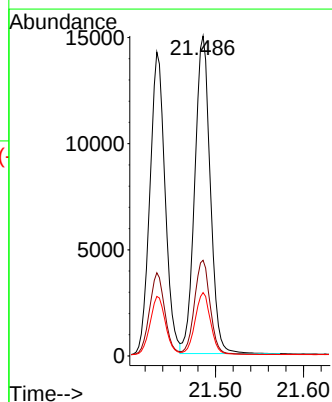
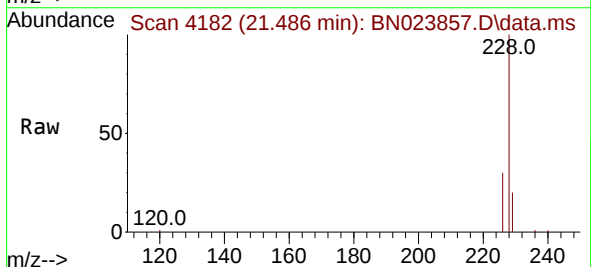
Instrument :
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ClientSampleId :
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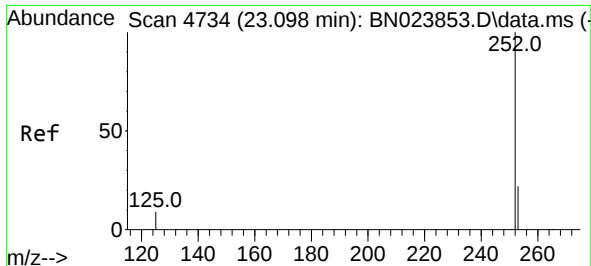
Tgt Ion:228 Resp: 17149
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.486 min Scan# 4182
Delta R.T. 0.004 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion:228 Resp: 18317
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.8 15.5 23.3

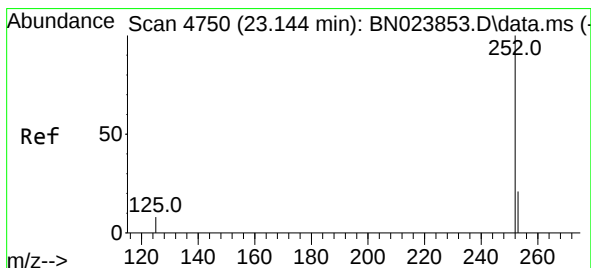
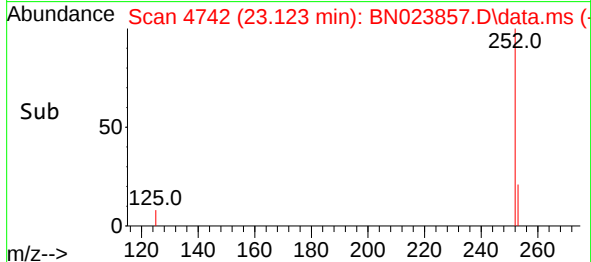
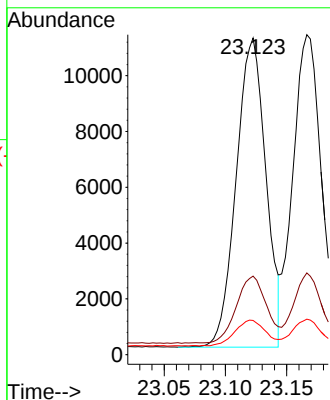
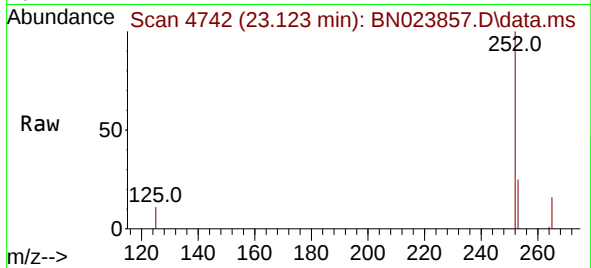




#24
Benzo(b)fluoranthene
Concen: 0.409 ng/ul
RT: 23.123 min Scan# 4742
Delta R.T. 0.022 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

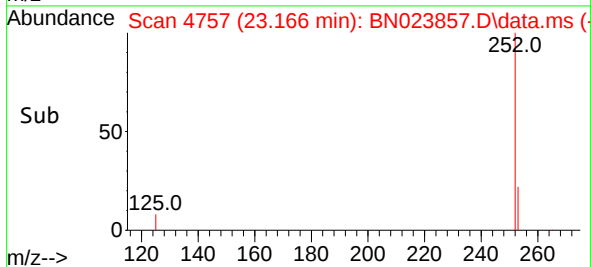
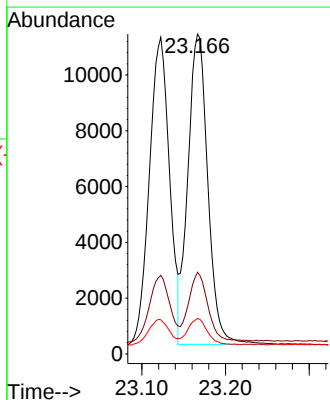
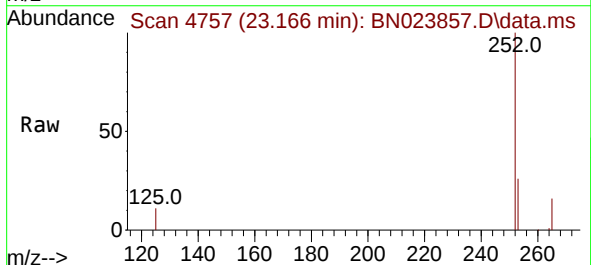
Instrument :
BNA_N
ClientSampleId :
GBQM3MS

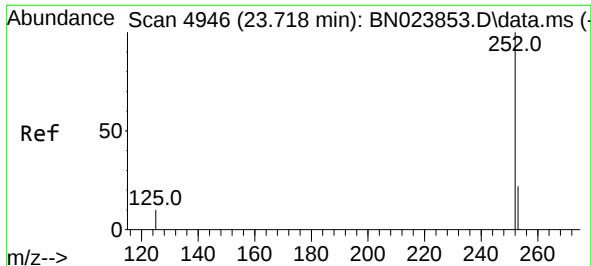
Tgt Ion:252 Resp: 18647
Ion Ratio Lower Upper
252 100
253 24.8 0.0 51.8
125 10.8 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 23.166 min Scan# 4757
Delta R.T. 0.019 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion:252 Resp: 18414
Ion Ratio Lower Upper
252 100
253 25.6 20.2 30.2
125 11.1 9.0 13.4

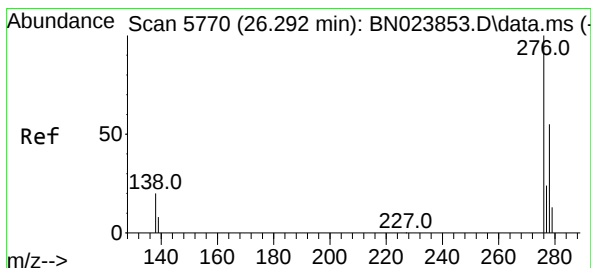
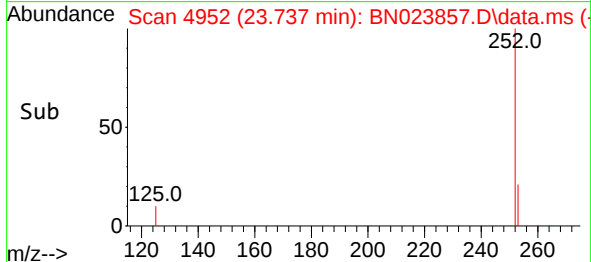
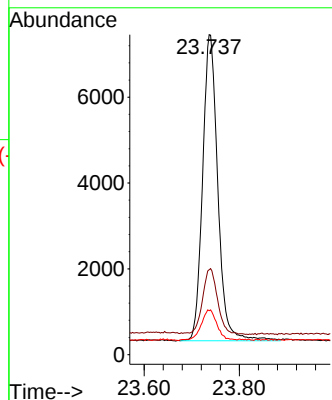
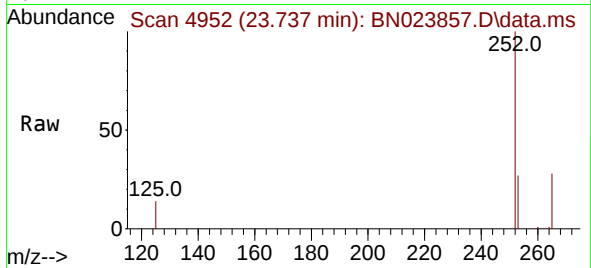




#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.737 min Scan# 4946
Delta R.T. 0.013 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

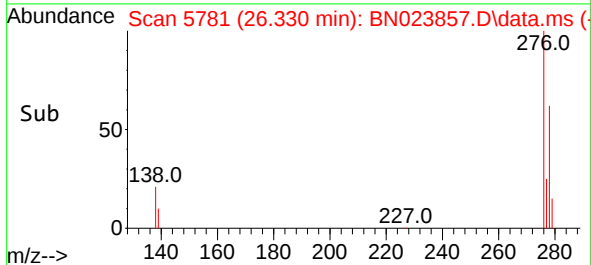
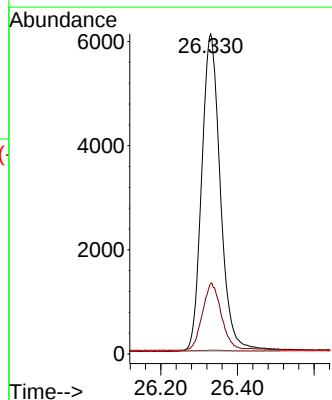
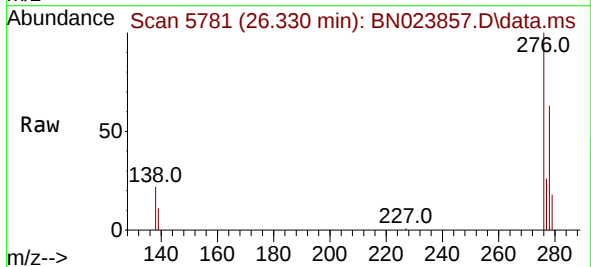
Instrument :
BNA_N
ClientSampleId :
GBQM3MS

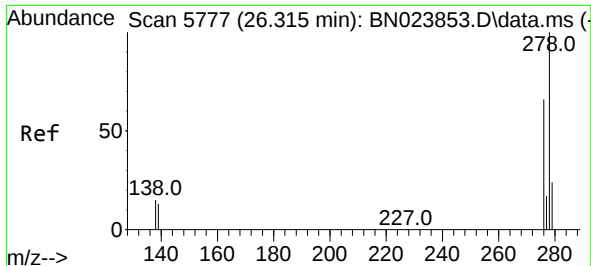
Tgt Ion:252 Resp: 15803
Ion Ratio Lower Upper
252 100
253 26.5 21.5 32.3
125 13.7 11.2 16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. 0.032 min
Lab File: BN023857.D
Acq: 31 Jan 2023 12:28

Tgt Ion:276 Resp: 20725
Ion Ratio Lower Upper
276 100
138 22.0 17.0 25.6
227 0.2 0.2 0.4

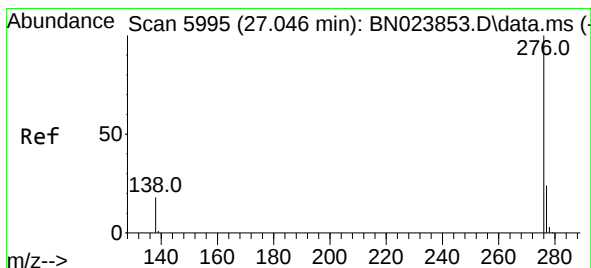
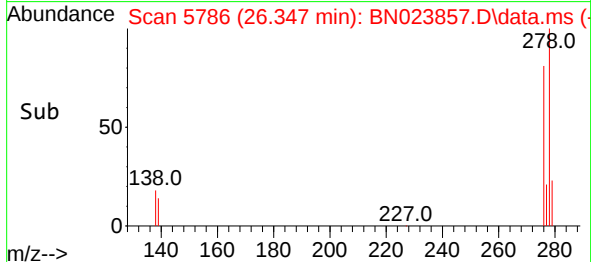
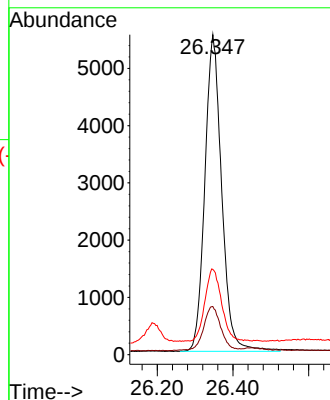
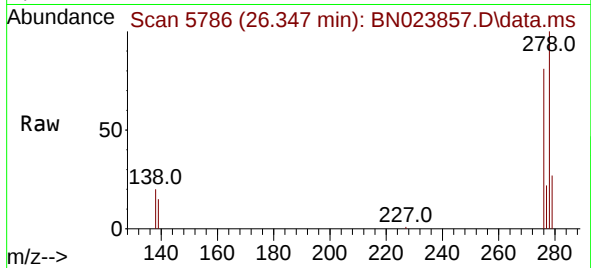




#28
 Dibenzo(a,h)anthracene
 Concen: 0.401 ng/ul
 RT: 26.347 min Scan# 51
 Delta R.T. 0.032 min
 Lab File: BN023857.D
 Acq: 31 Jan 2023 12:28

Instrument :
 BNA_N
 ClientSampleId :
 GBQM3MS

Tgt Ion:278 Resp: 17092
 Ion Ratio Lower Upper
 278 100
 139 15.0 12.3 18.5
 279 26.7 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.403 ng/ul
 RT: 27.092 min Scan# 6008
 Delta R.T. 0.038 min
 Lab File: BN023857.D
 Acq: 31 Jan 2023 12:28

Tgt Ion:276 Resp: 17691
 Ion Ratio Lower Upper
 276 100
 138 19.5 15.3 22.9
 277 24.7 19.9 29.9

