

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013123\
 Data File : BN023858.D
 Acq On : 31 Jan 2023 13:05
 Operator : CG/JU
 Sample : 01311-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBQM3MSD

Quant Time: Jan 31 13:33:59 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)

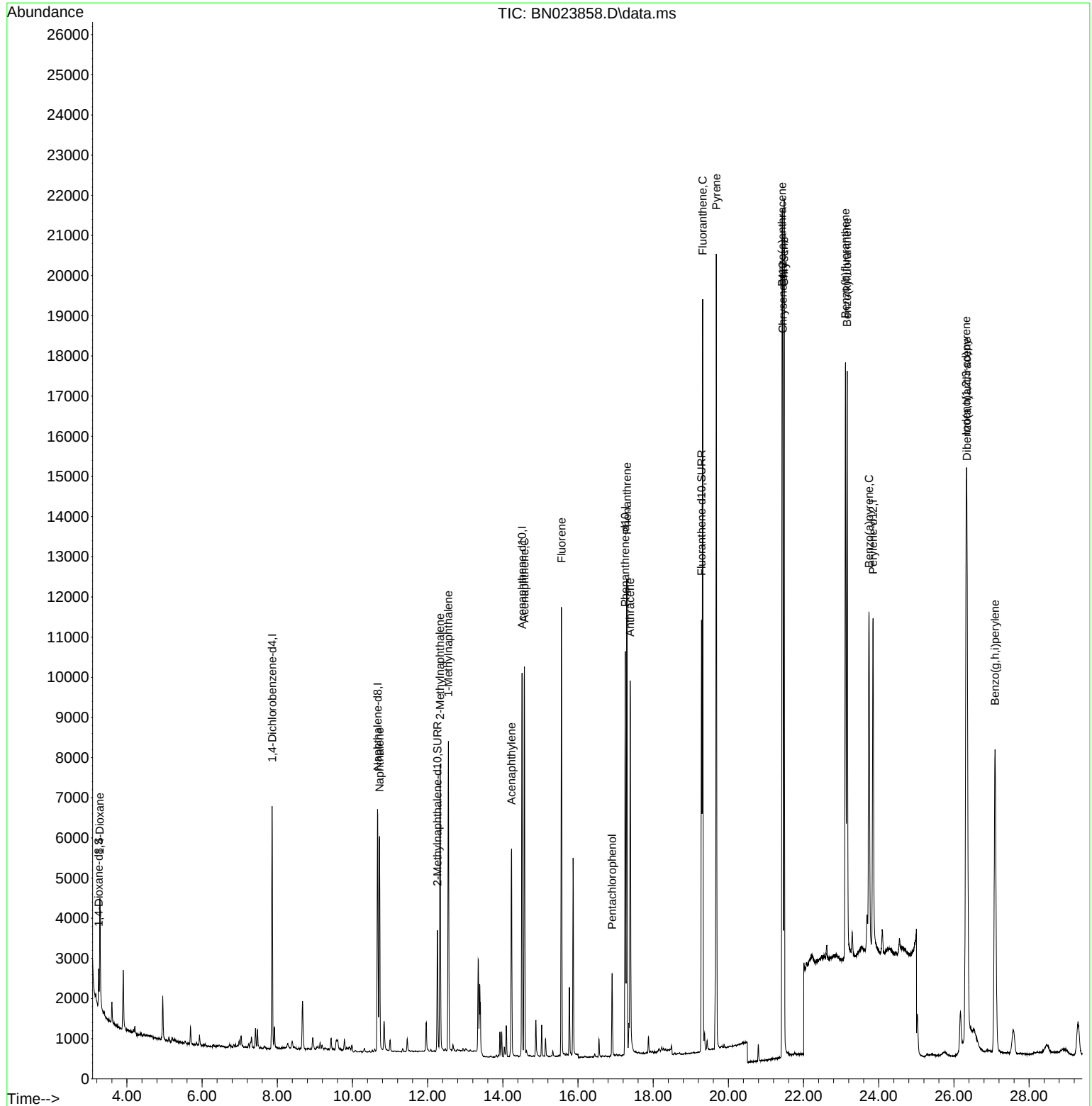
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	3070	0.400	ng/ul	0.00
4) Naphthalene-d8	10.671	136	8017	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.510	164	5028	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.258	188	11714	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	12445	0.400	ng/ul	0.00
23) Perylene-d12	23.850	264	10456	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	695	0.211	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.260	152	3890	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.284	212	12124	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	2058	0.590	ng/ul#	76
5) Naphthalene	10.720	128	7086	0.323	ng/ul	100
7) 2-Methylnaphthalene	12.332	142	4753	0.333	ng/ul	100
8) 1-Methylnaphthalene	12.552	142	4962	0.340	ng/ul	99
10) Acenaphthylene	14.232	152	5956	0.310	ng/ul	99
11) Acenaphthene	14.575	153	5404	0.319	ng/ul	98
12) Fluorene	15.560	166	6730	0.329	ng/ul	99
14) Pentachlorophenol	16.908	266	1329	0.344	ng/ul	98
15) Phenanthrene	17.300	178	12434	0.356	ng/ul	99
16) Anthracene	17.389	178	10229	0.350	ng/ul	99
19) Fluoranthene	19.317	202	15954	0.386	ng/ul	99
20) Pyrene	19.679	202	16442	0.384	ng/ul	99
21) Benzo(a)anthracene	21.429	228	16038	0.379	ng/ul	99
22) Chrysene	21.482	228	17278	0.388	ng/ul	99
24) Benzo(b)fluoranthene	23.116	252	18007	0.390	ng/ul	98
25) Benzo(k)fluoranthene	23.160	252	17831	0.395	ng/ul	99
26) Benzo(a)pyrene	23.741	252	14404	0.374	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.329	276	21144	0.392	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.346	278	17420	0.403	ng/ul#	93
29) Benzo(g,h,i)perylene	27.094	276	17986	0.405	ng/ul	99

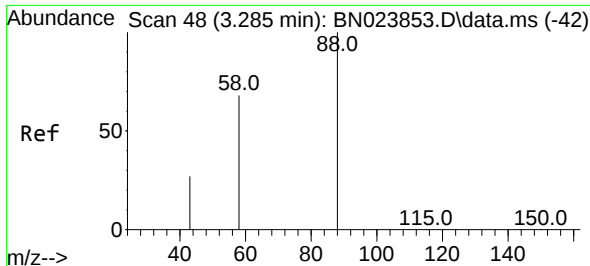
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jan 31 13:33:59 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

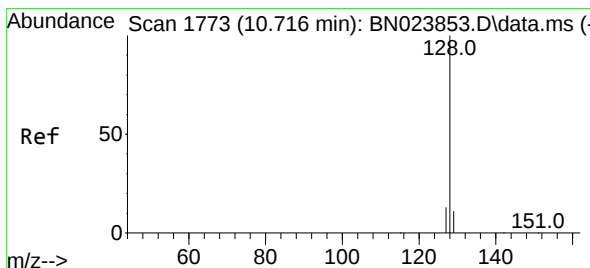
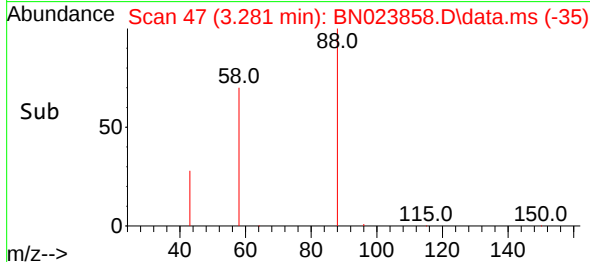
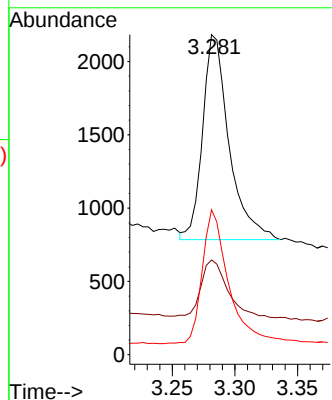
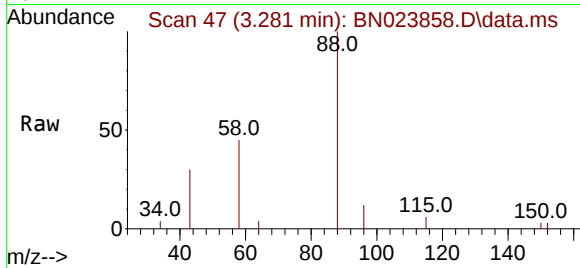




#2
1,4-Dioxane
Concen: 0.590 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

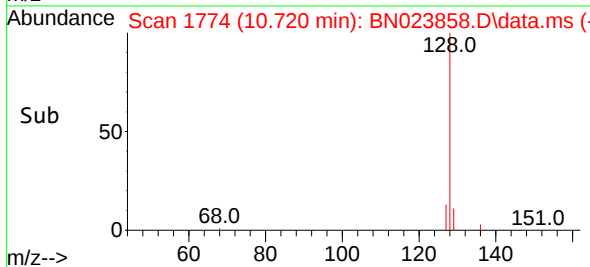
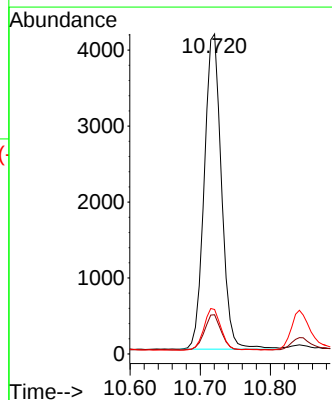
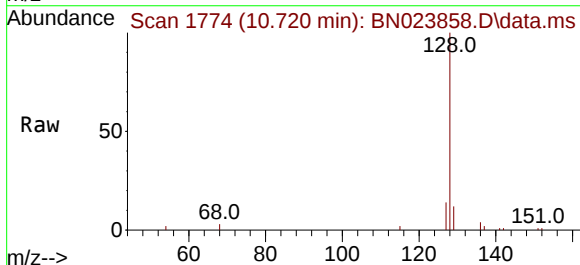
Instrument :
BNA_N
ClientSampleId :
GBQM3MSD

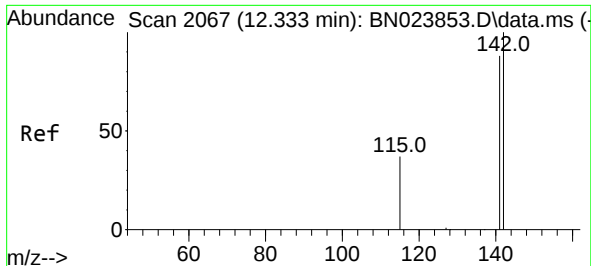
Tgt Ion: 88 Resp: 2058
Ion Ratio Lower Upper
88 100
43 29.6 41.9 62.9#
58 45.3 45.6 68.4#



#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.720 min Scan# 1774
Delta R.T. 0.004 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

Tgt Ion: 128 Resp: 7086
Ion Ratio Lower Upper
128 100
129 12.2 9.7 14.5
127 13.9 11.1 16.7

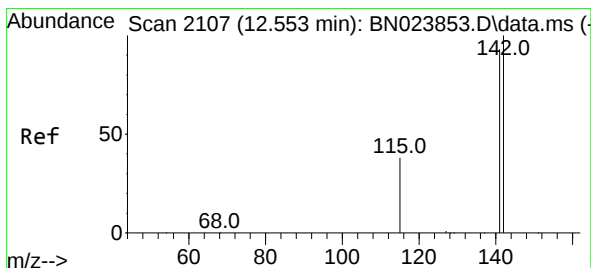
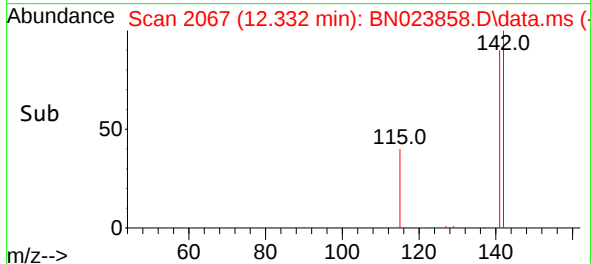
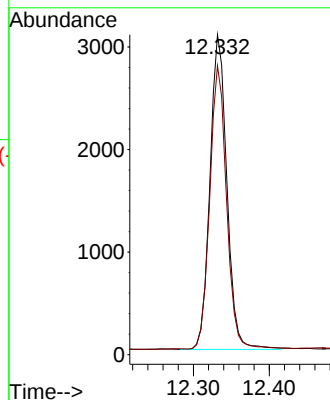
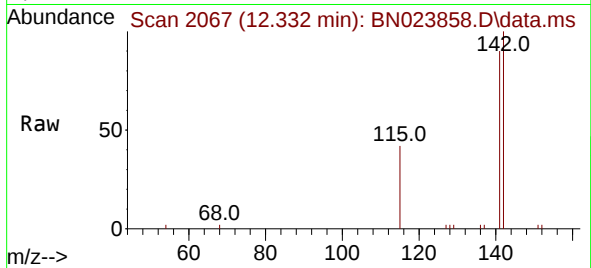




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. -0.001 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

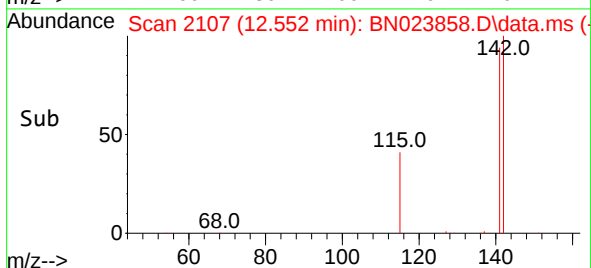
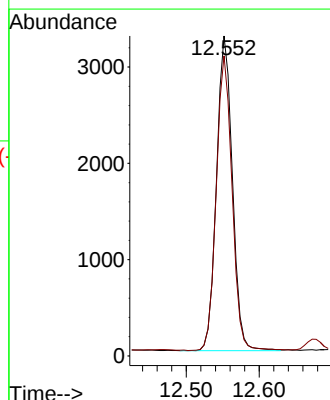
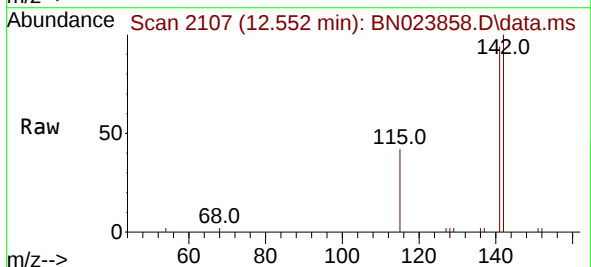
Instrument :
BNA_N
ClientSampleId :
GBQM3MSD

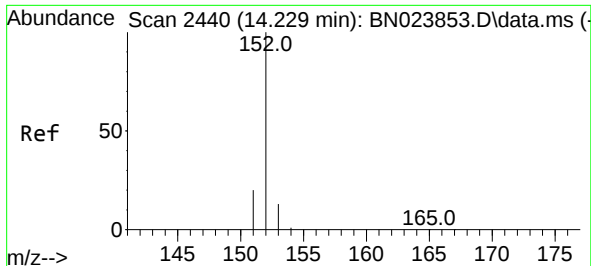
Tgt Ion:142 Resp: 4753
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.552 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

Tgt Ion:142 Resp: 4962
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1

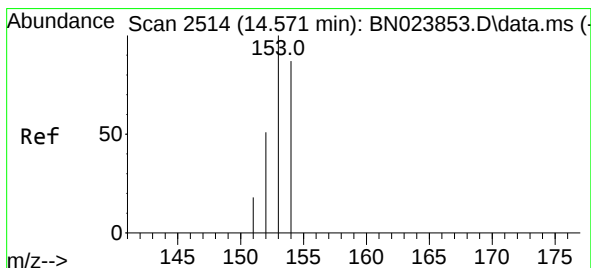
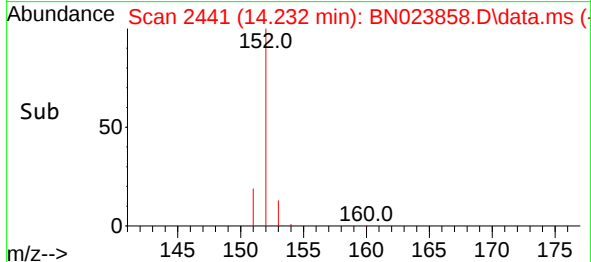
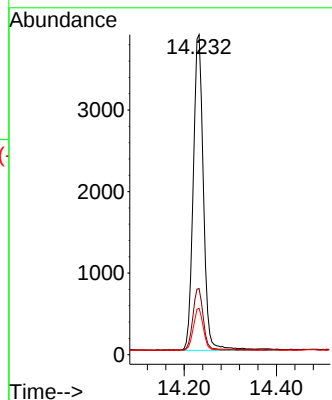
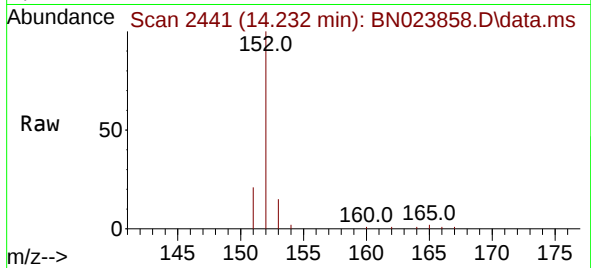




#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 14.232 min Scan# 2441
Delta R.T. 0.003 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

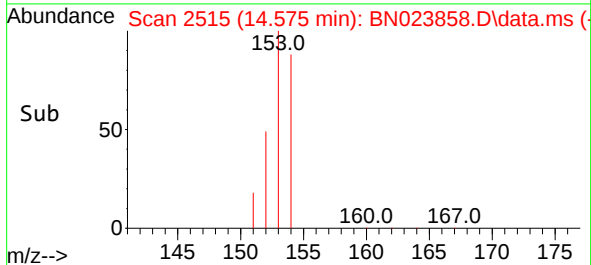
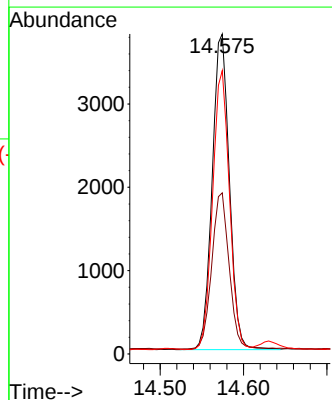
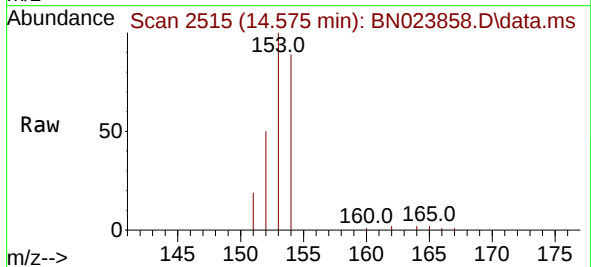
Instrument :
BNA_N
ClientSampleId :
GBQM3MSD

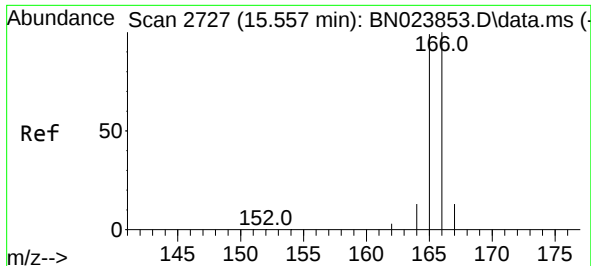
Tgt Ion:152 Resp: 5956
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.4
153 14.5 11.1 16.7



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.575 min Scan# 2515
Delta R.T. 0.003 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

Tgt Ion:153 Resp: 5404
Ion Ratio Lower Upper
153 100
152 50.4 39.6 59.4
154 88.6 68.8 103.2

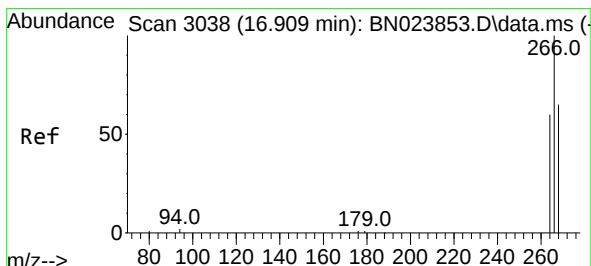
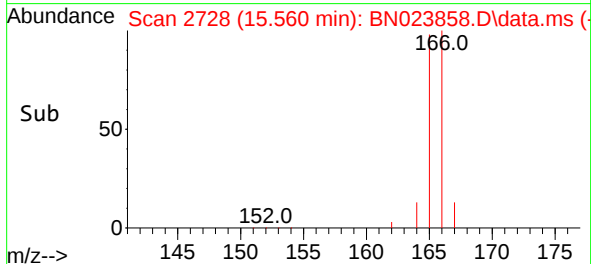
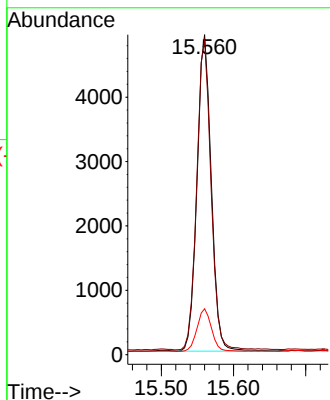
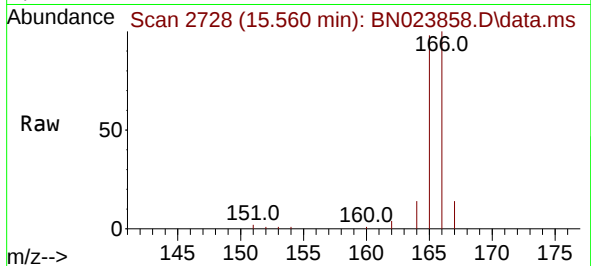




#12
 Fluorene
 Concen: 0.329 ng/ul
 RT: 15.560 min Scan# 2727
 Delta R.T. -0.001 min
 Lab File: BN023858.D
 Acq: 31 Jan 2023 13:05

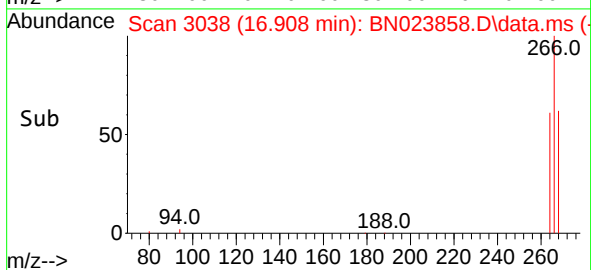
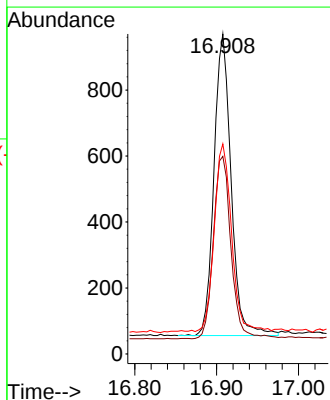
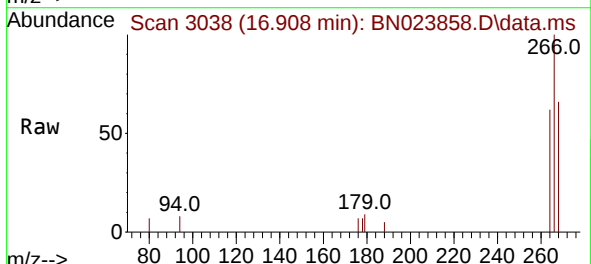
Instrument :
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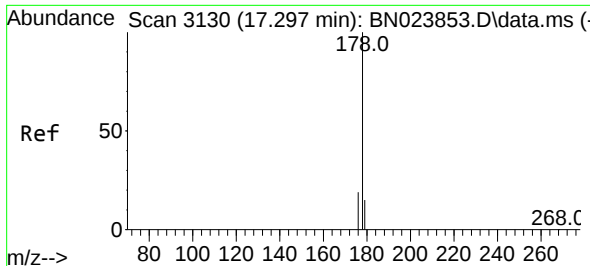
Tgt Ion:166 Resp: 6730
 Ion Ratio Lower Upper
 166 100
 165 98.3 77.4 116.2
 167 14.4 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.344 ng/ul
 RT: 16.908 min Scan# 3038
 Delta R.T. -0.001 min
 Lab File: BN023858.D
 Acq: 31 Jan 2023 13:05

Tgt Ion:266 Resp: 1329
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.4 74.0
 268 62.3 52.0 78.0

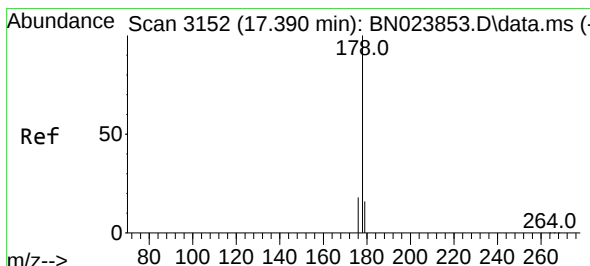
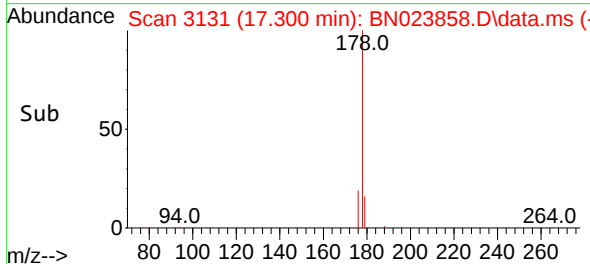
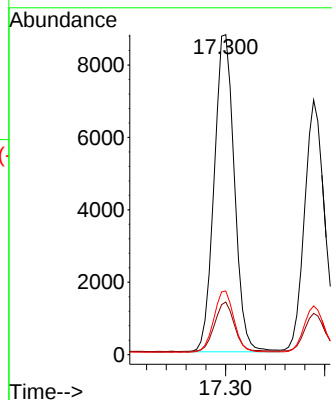
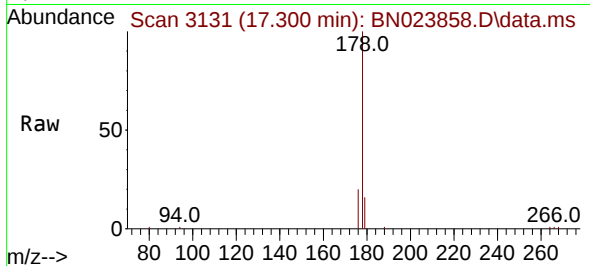




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.300 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

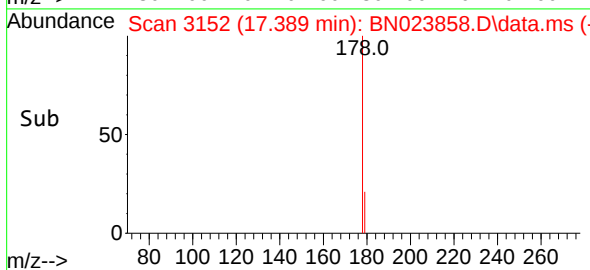
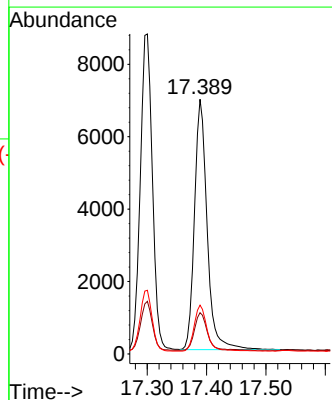
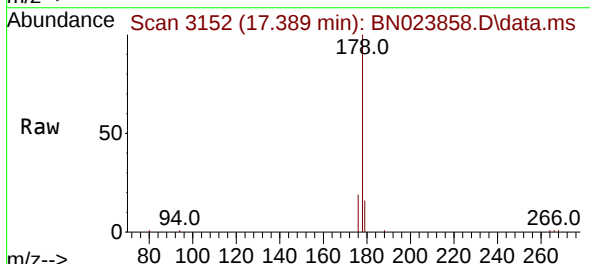
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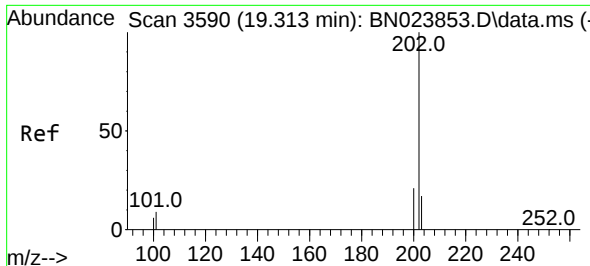
Tgt Ion:178 Resp: 12434
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.389 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

Tgt Ion:178 Resp: 10229
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 19.2 15.4 23.2

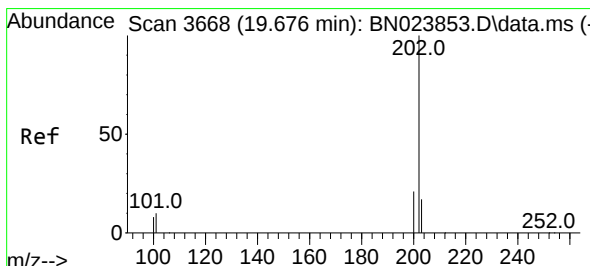
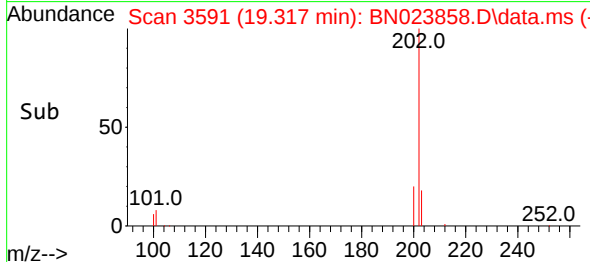
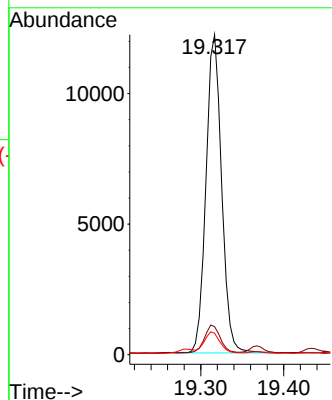
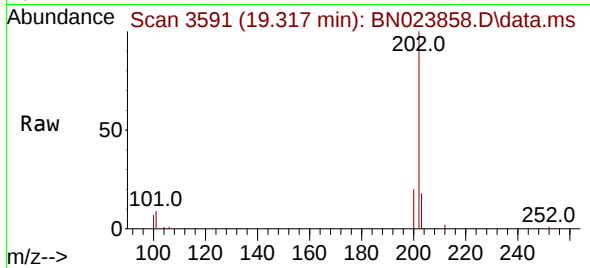




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.317 min Scan# 3591
Delta R.T. -0.001 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

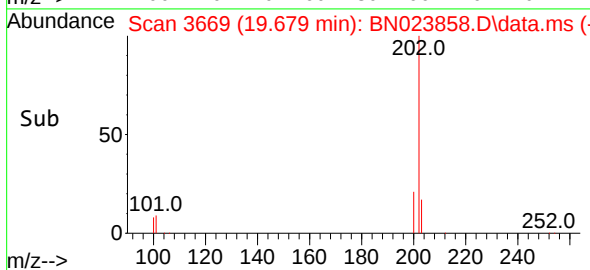
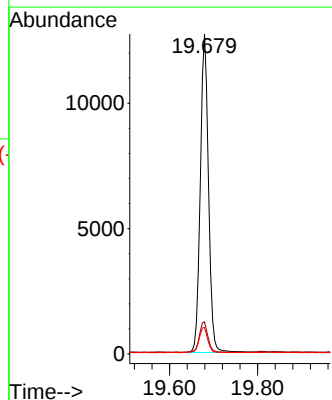
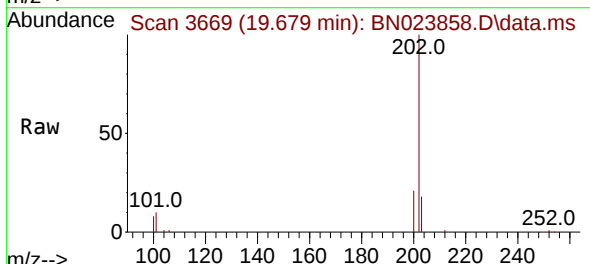
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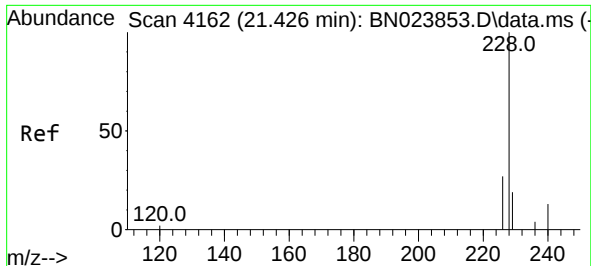
Tgt Ion:202 Resp: 15954
Ion Ratio Lower Upper
202 100
101 8.7 6.8 10.2
100 6.7 5.2 7.8



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.679 min Scan# 3669
Delta R.T. -0.001 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

Tgt Ion:202 Resp: 16442
Ion Ratio Lower Upper
202 100
101 10.1 8.1 12.1
100 8.2 6.2 9.4

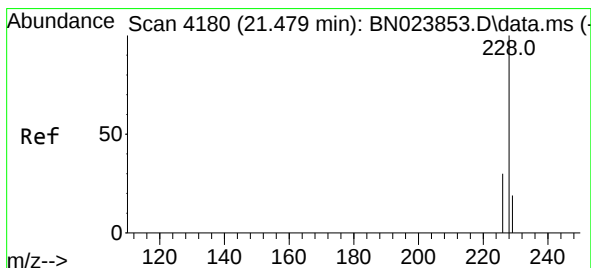
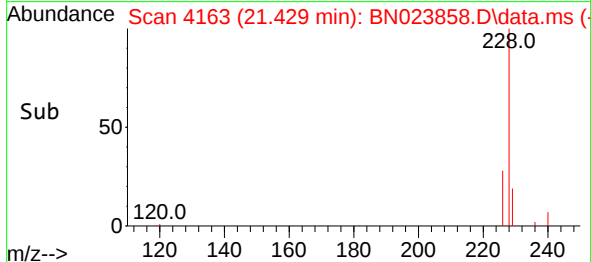
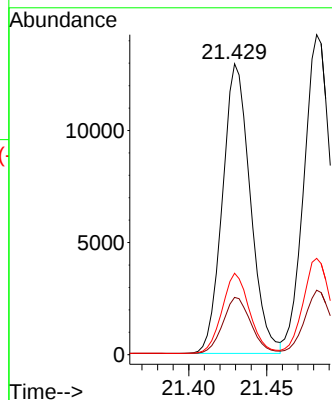
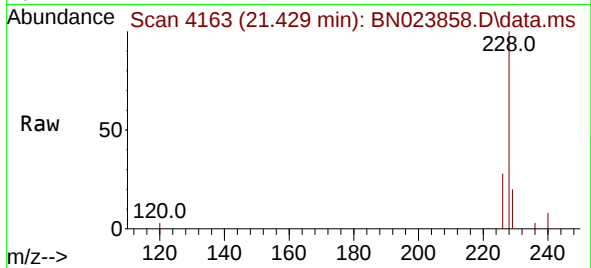




#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. 0.000 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

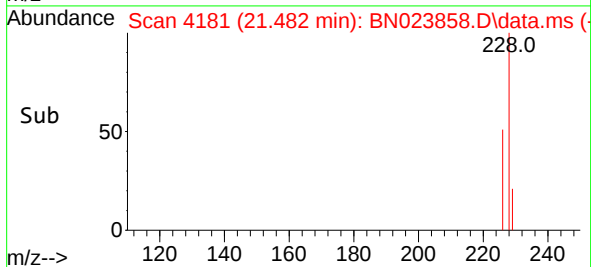
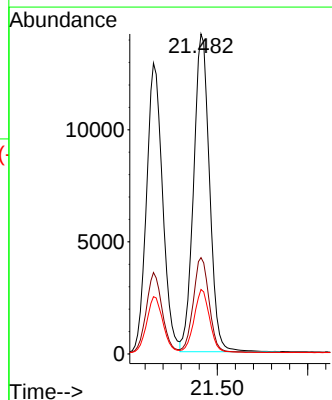
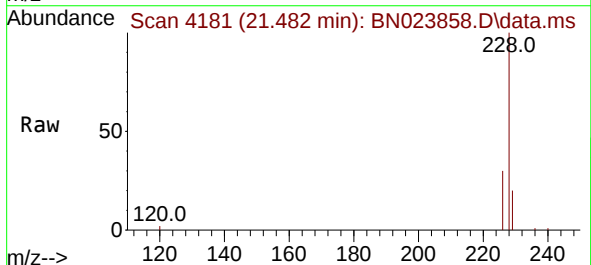
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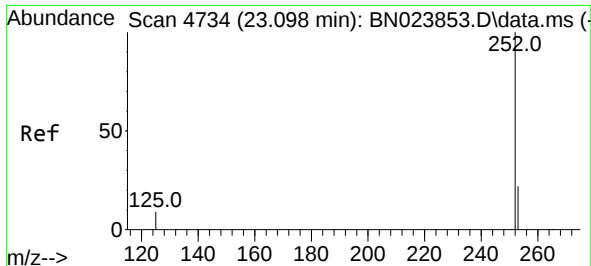
Tgt Ion:228 Resp: 16038
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 28.0 22.0 33.0



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

Tgt Ion:228 Resp: 17278
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 20.2 15.5 23.3

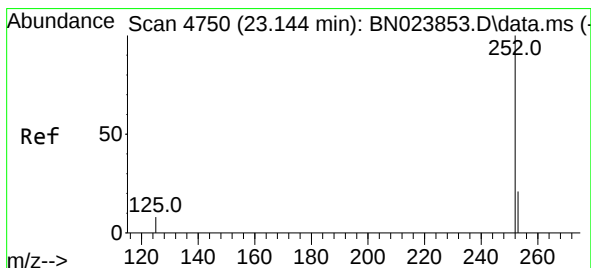
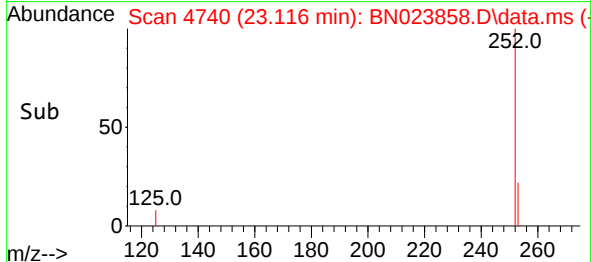
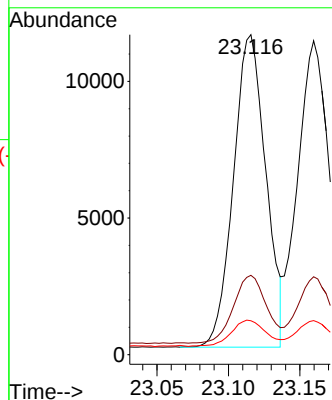
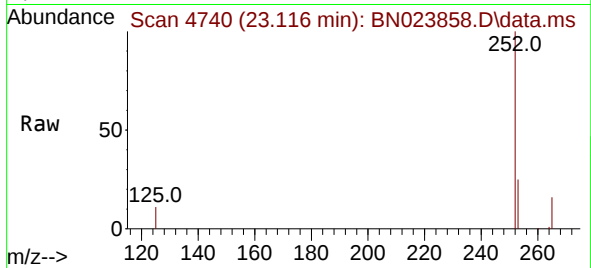




#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 23.116 min Scan# 4734
Delta R.T. 0.015 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

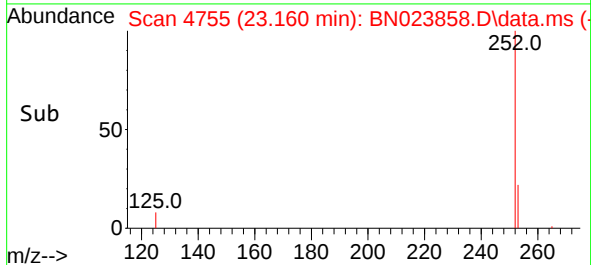
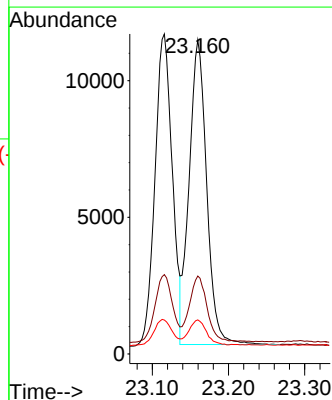
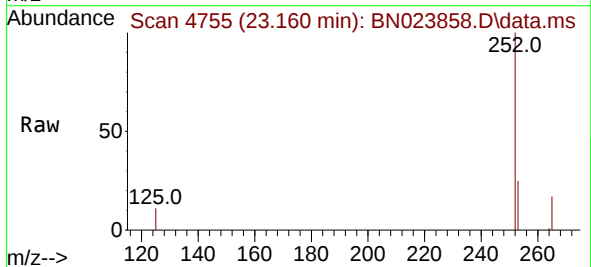
Instrument :
BNA_N
ClientSampleId :
GBQM3MSD

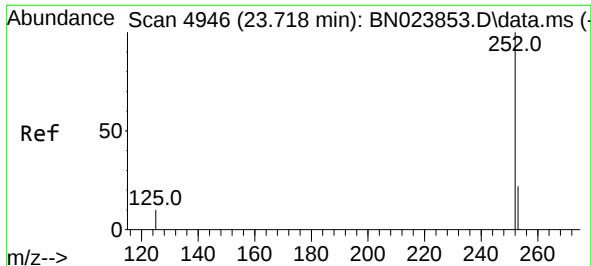
Tgt Ion:252 Resp: 18007
Ion Ratio Lower Upper
252 100
253 24.8 0.0 51.8
125 10.6 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 23.160 min Scan# 4755
Delta R.T. 0.012 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

Tgt Ion:252 Resp: 17831
Ion Ratio Lower Upper
252 100
253 24.8 20.2 30.2
125 10.8 9.0 13.4

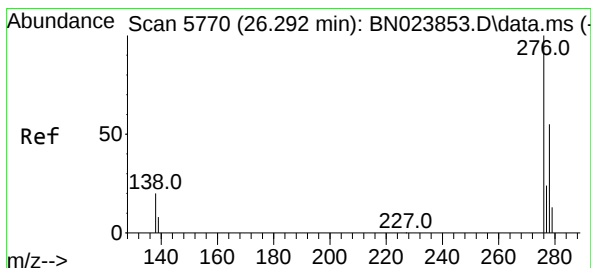
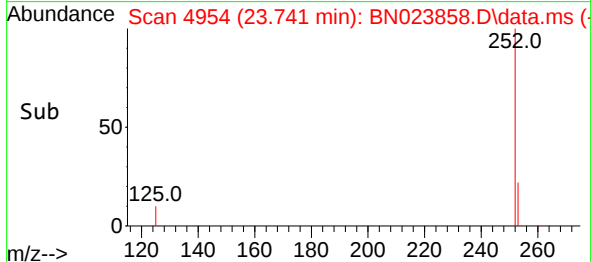
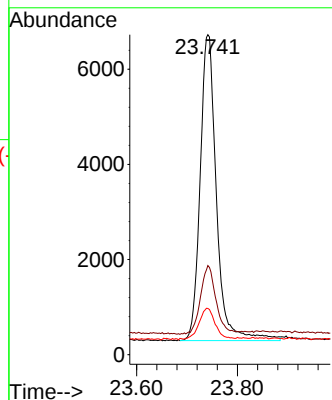
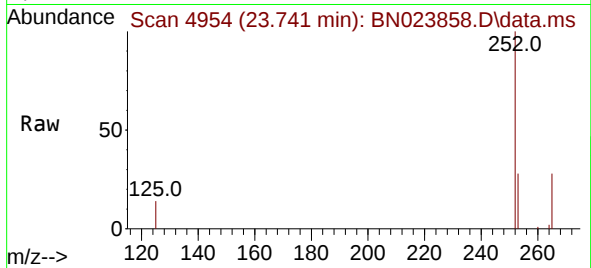




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.741 min Scan# 4946
Delta R.T. 0.018 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

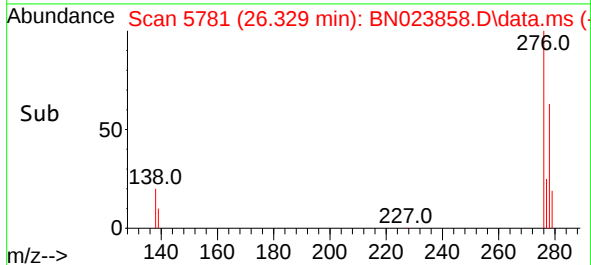
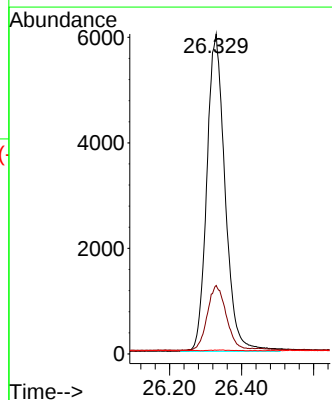
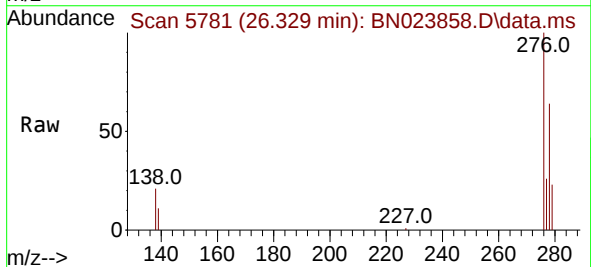
Instrument :
BNA_N
ClientSampleId :
GBQM3MSD

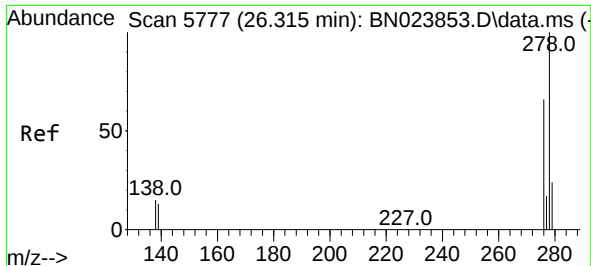
Tgt Ion:252 Resp: 14404
Ion Ratio Lower Upper
252 100
253 27.9 21.5 32.3
125 14.5 11.2 16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. 0.031 min
Lab File: BN023858.D
Acq: 31 Jan 2023 13:05

Tgt Ion:276 Resp: 21144
Ion Ratio Lower Upper
276 100
138 21.4 17.0 25.6
227 0.0 0.2 0.4

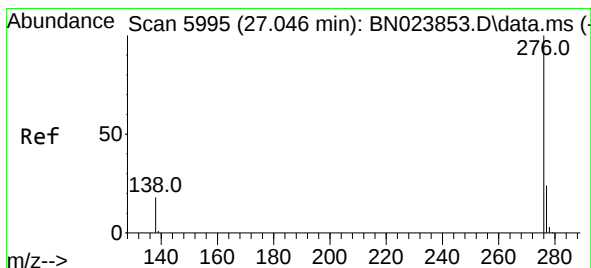
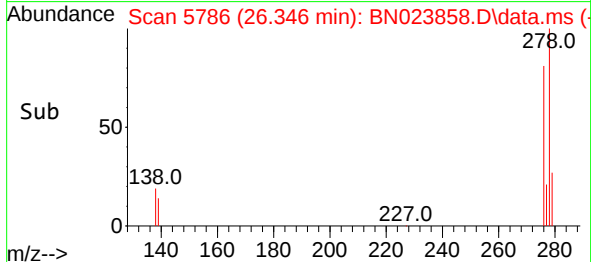
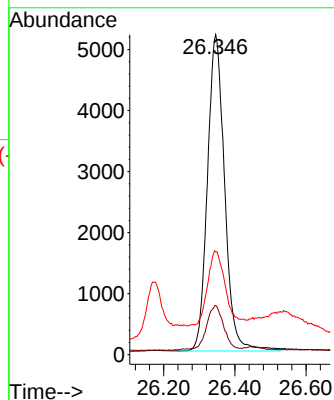
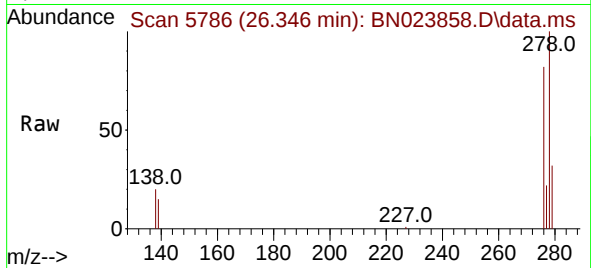




#28
 Dibenzo(a,h)anthracene
 Concen: 0.403 ng/ul
 RT: 26.346 min Scan# 51
 Delta R.T. 0.031 min
 Lab File: BN023858.D
 Acq: 31 Jan 2023 13:05

Instrument :
 BNA_N
 ClientSampleId :
 GBQM3MSD

Tgt Ion:278 Resp: 17420
 Ion Ratio Lower Upper
 278 100
 139 15.4 12.3 18.5
 279 32.1 21.4 32.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.405 ng/ul
 RT: 27.094 min Scan# 6009
 Delta R.T. 0.041 min
 Lab File: BN023858.D
 Acq: 31 Jan 2023 13:05

Tgt Ion:276 Resp: 17986
 Ion Ratio Lower Upper
 276 100
 138 19.6 15.3 22.9
 277 24.8 19.9 29.9

