

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013123\
 Data File : BN023868.D
 Acq On : 31 Jan 2023 19:16
 Operator : CG/JU
 Sample : PB150492BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS492

Quant Time: Feb 01 01:04:18 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 : Wed Feb 01 01:00:14 2023
 Response via : Initial Calibration

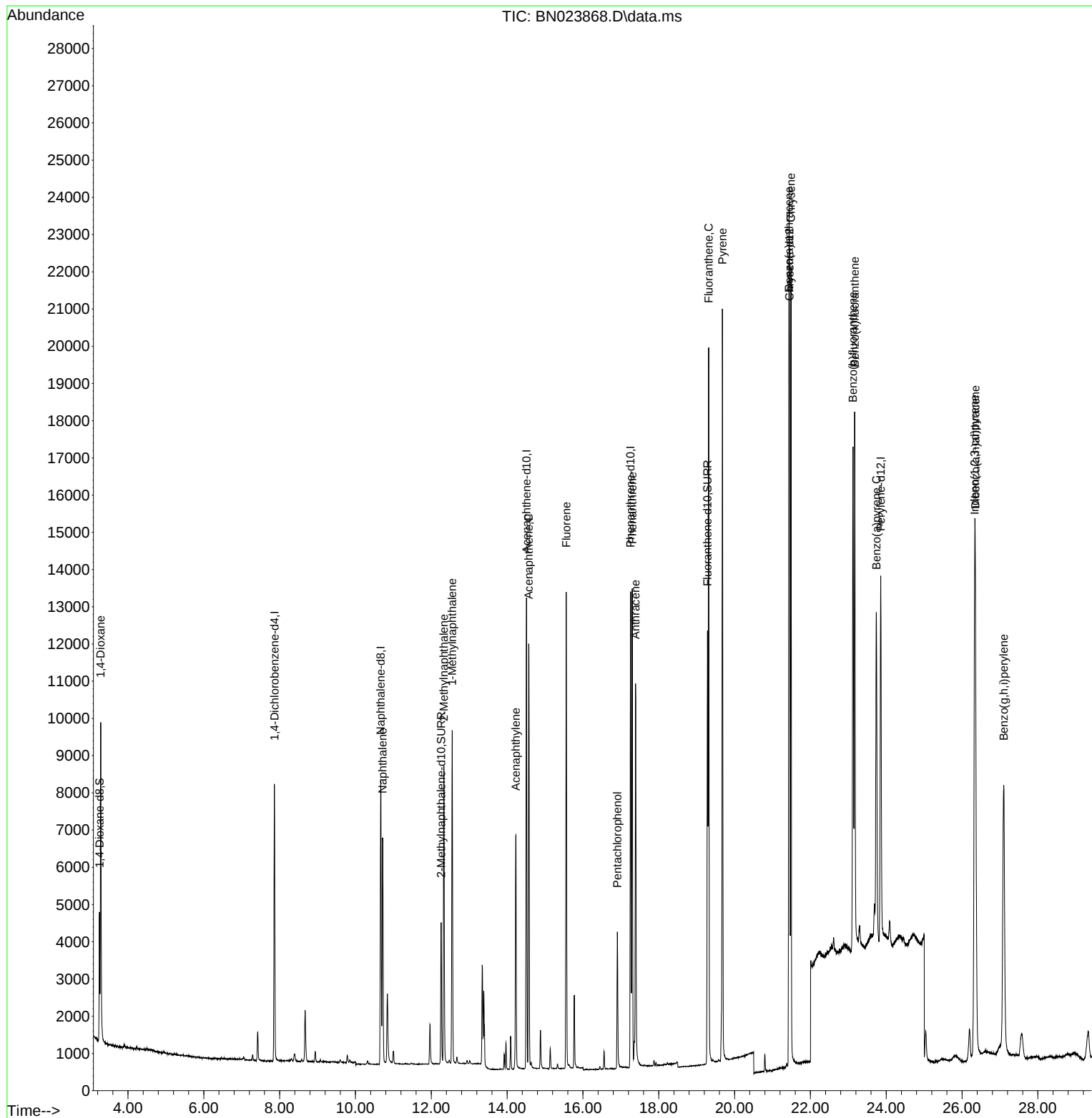
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	3770	0.400	ng/ul	0.00
4) Naphthalene-d8	10.665	136	10361	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.510	164	6618	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.258	188	15272	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	14912	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	13037	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	2288	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.260	152	4954	0.306	ng/ul	0.00
18) Fluoranthene-d10	19.284	212	13267	0.331	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	5933	1.386	ng/ul#	82
5) Naphthalene	10.715	128	8267	0.292	ng/ul	99
7) 2-Methylnaphthalene	12.332	142	5461	0.296	ng/ul	100
8) 1-Methylnaphthalene	12.552	142	5850	0.310	ng/ul	100
10) Acenaphthylene	14.232	152	7253	0.286	ng/ul	99
11) Acenaphthene	14.570	153	6513	0.292	ng/ul	99
12) Fluorene	15.560	166	7726	0.287	ng/ul	98
14) Pentachlorophenol	16.908	266	2462	0.489	ng/ul	99
15) Phenanthrene	17.300	178	13274	0.291	ng/ul	99
16) Anthracene	17.389	178	11396	0.299	ng/ul	99
19) Fluoranthene	19.317	202	16599	0.335	ng/ul	99
20) Pyrene	19.679	202	16832	0.328	ng/ul	99
21) Benzo(a)anthracene	21.435	228	16562	0.327	ng/ul	99
22) Chrysene	21.488	228	17312	0.325	ng/ul	99
24) Benzo(b)fluoranthene	23.124	252	17808	0.309	ng/ul	99
25) Benzo(k)fluoranthene	23.168	252	17834	0.317	ng/ul	99
26) Benzo(a)pyrene	23.741	252	14804	0.309	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.333	276	19778	0.294	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.349	278	16050	0.298	ng/ul	96
29) Benzo(g,h,i)perylene	27.101	276	16700	0.302	ng/ul	99

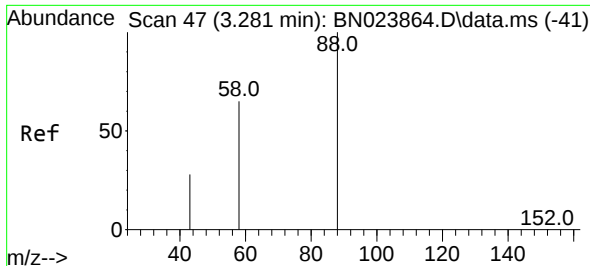
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 01 01:04:18 2023
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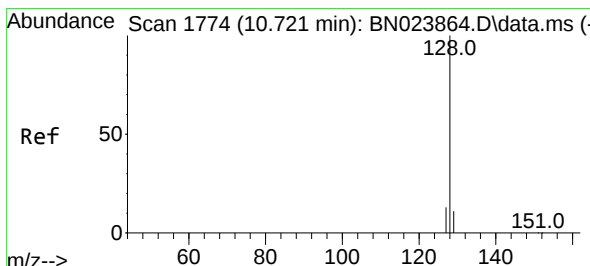
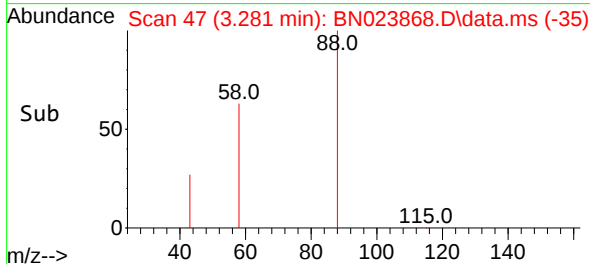
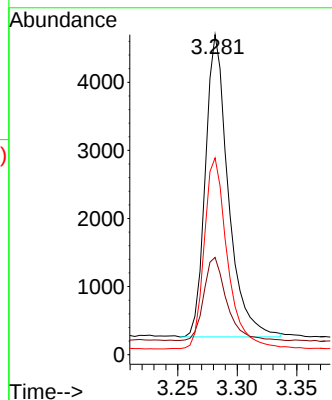
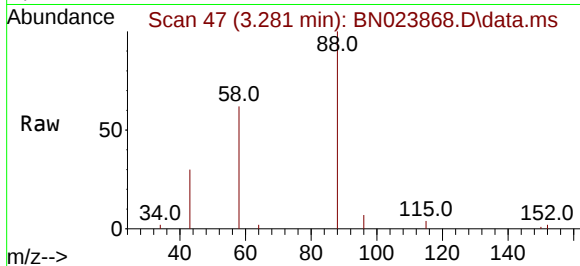




#2
1,4-Dioxane
Concen: 1.386 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

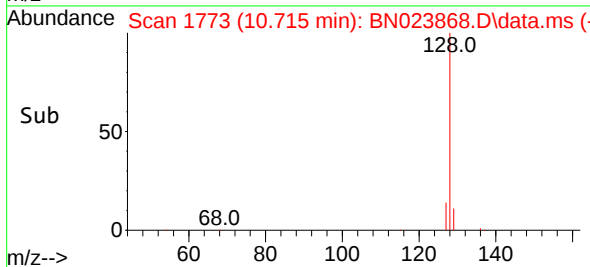
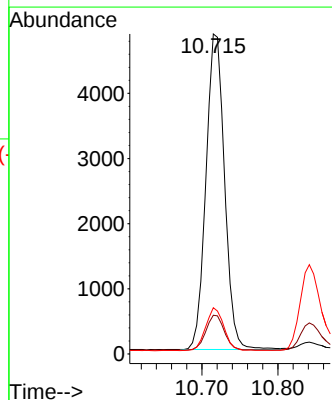
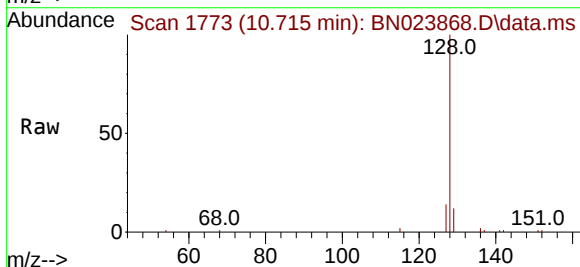
Instrument :
BNA_N
ClientSampleId :
SLCS492

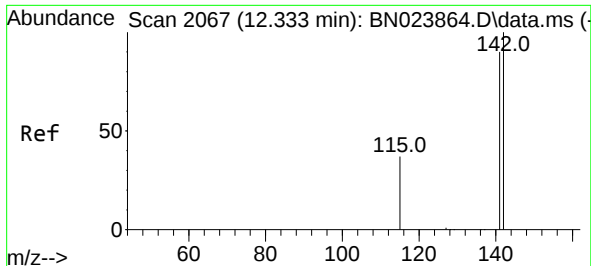
Tgt Ion: 88 Resp: 5933
Ion Ratio Lower Upper
88 100
43 30.4 41.9 62.9#
58 61.5 45.6 68.4



#5
Naphthalene
Concen: 0.292 ng/ul
RT: 10.715 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Tgt Ion: 128 Resp: 8267
Ion Ratio Lower Upper
128 100
129 12.1 9.7 14.5
127 14.5 11.1 16.7

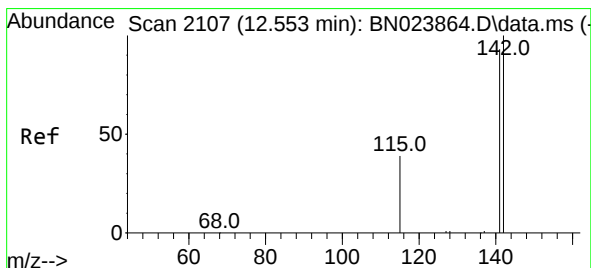
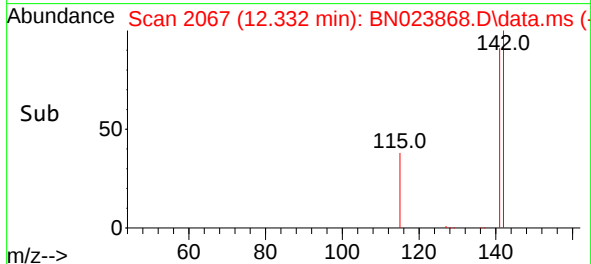
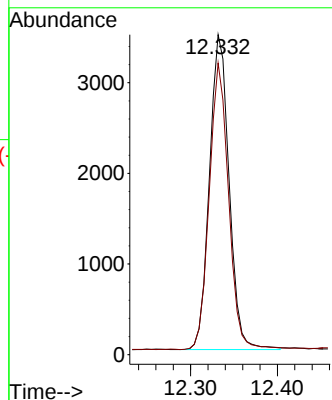
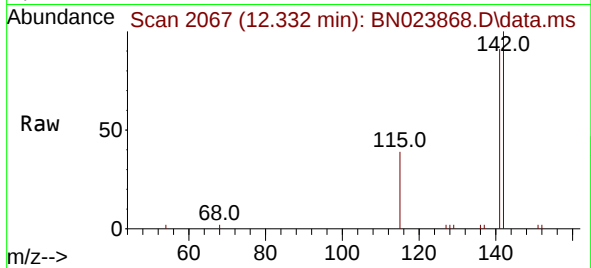




#7
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

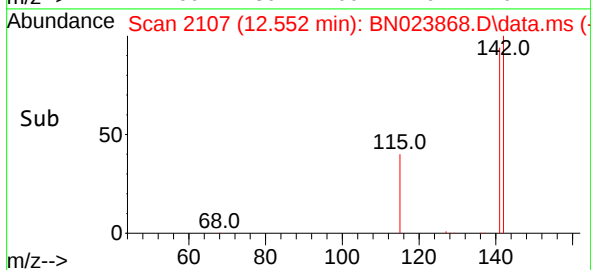
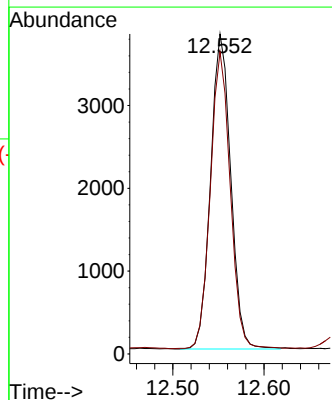
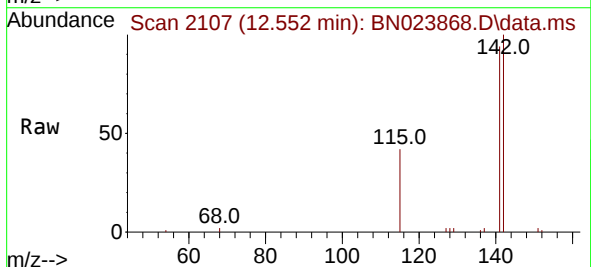
Instrument :
BNA_N
ClientSampleId :
SLCS492

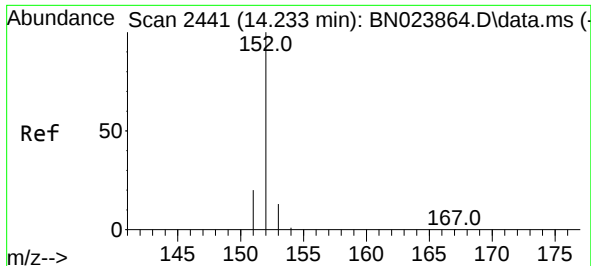
Tgt Ion:142 Resp: 5461
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.552 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Tgt Ion:142 Resp: 5850
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

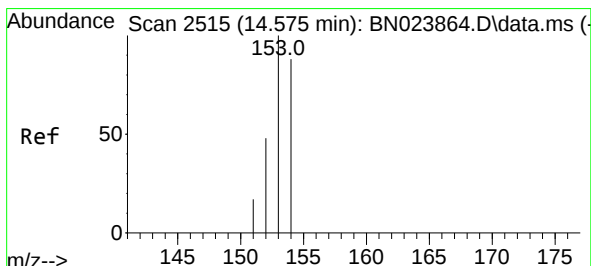
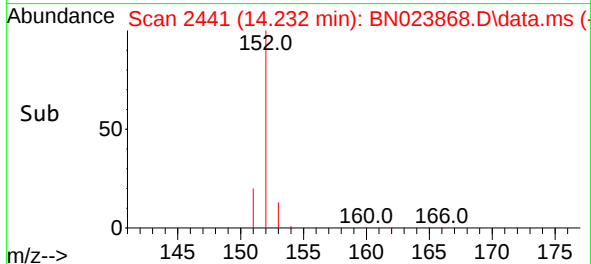
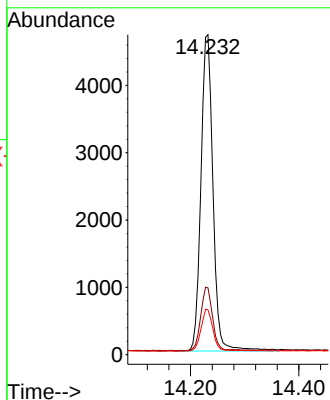
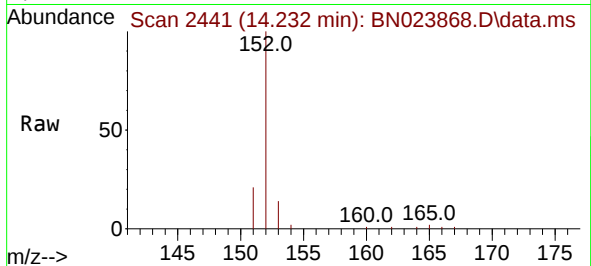




#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.232 min Scan# 2441
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

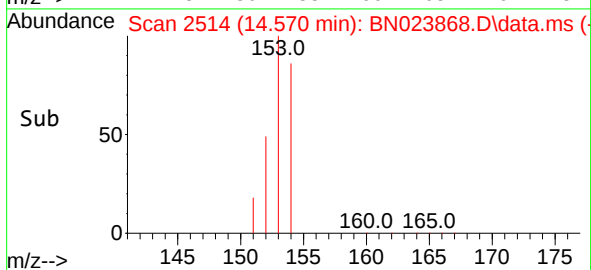
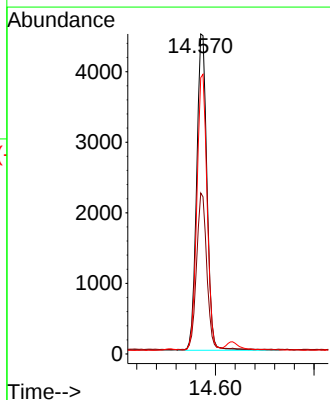
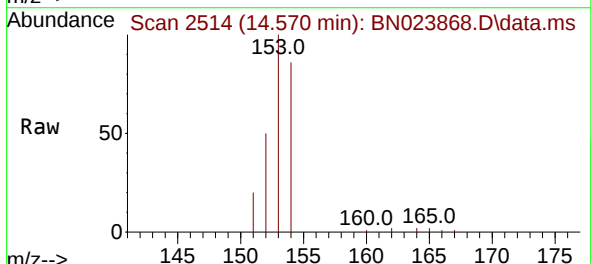
Instrument :
BNA_N
ClientSampleId :
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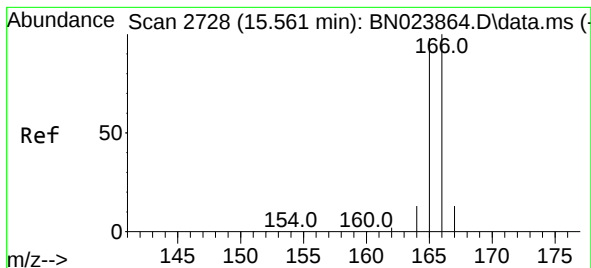
Tgt Ion:152 Resp: 7253
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.570 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Tgt Ion:153 Resp: 6513
Ion Ratio Lower Upper
153 100
152 50.3 39.6 59.4
154 86.3 68.8 103.2





#12

Fluorene

Concen: 0.287 ng/ul

RT: 15.560 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN023868.D

Acq: 31 Jan 2023 19:16

Instrument :

BNA_N

ClientSampleId :

SLCS492

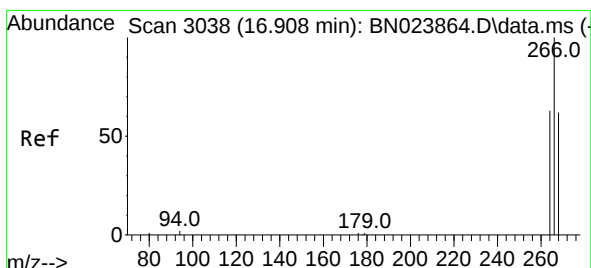
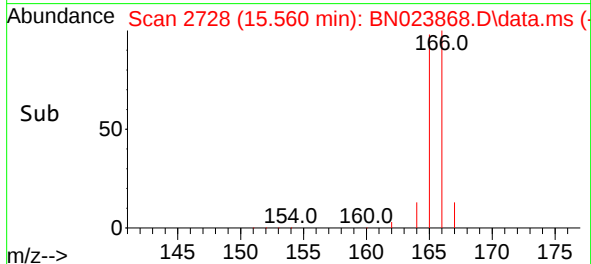
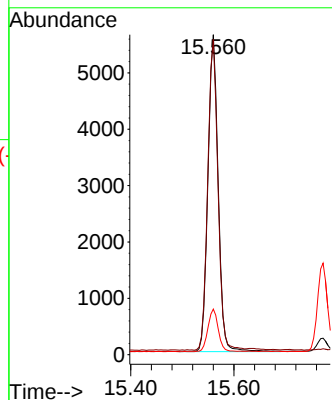
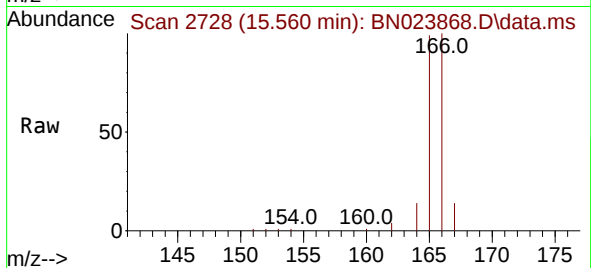
Tgt Ion:166 Resp: 7726

Ion Ratio Lower Upper

166 100

165 98.5 77.4 116.2

167 14.3 11.4 17.0



#14

Pentachlorophenol

Concen: 0.489 ng/ul

RT: 16.908 min Scan# 3038

Delta R.T. -0.001 min

Lab File: BN023868.D

Acq: 31 Jan 2023 19:16

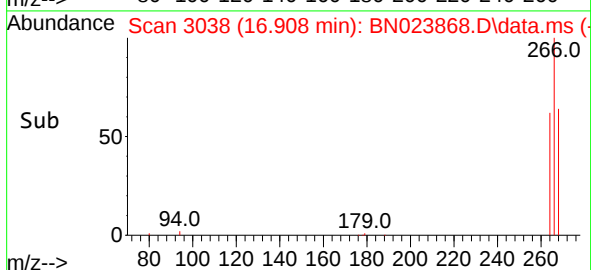
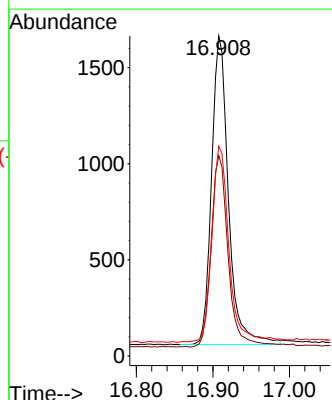
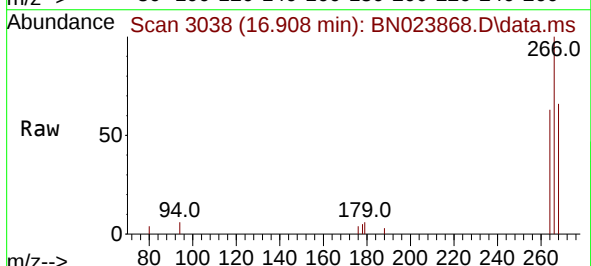
Tgt Ion:266 Resp: 2462

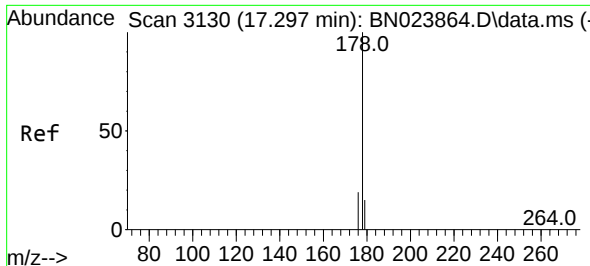
Ion Ratio Lower Upper

266 100

264 62.6 49.4 74.0

268 64.9 52.0 78.0

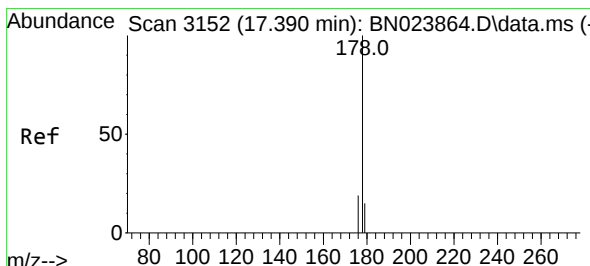
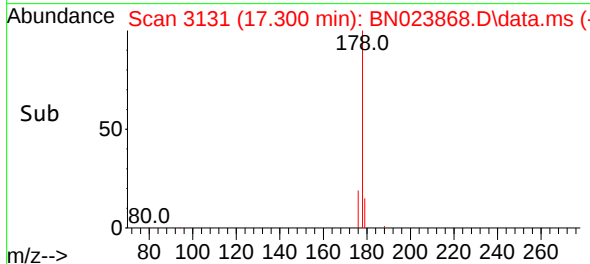
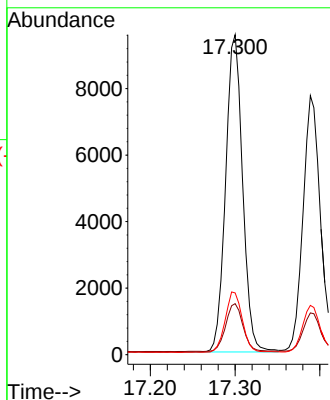
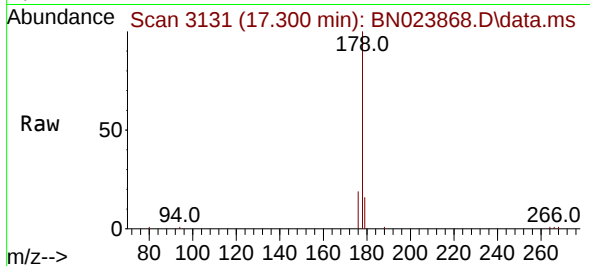




#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.300 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

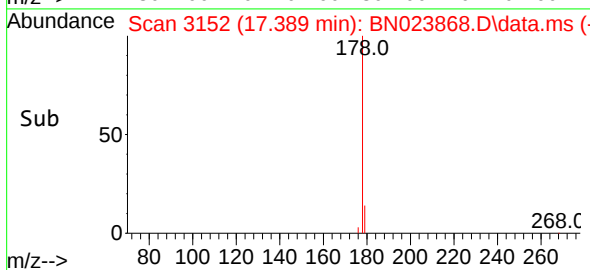
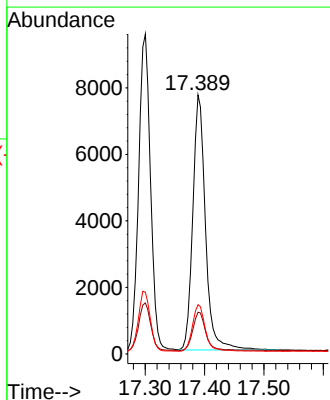
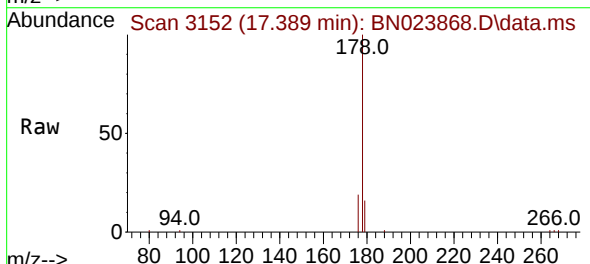
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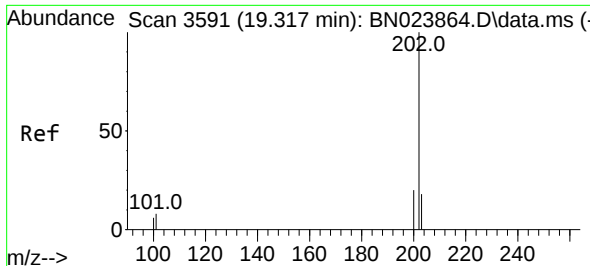
Tgt Ion:178 Resp: 13274
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.3 15.7 23.5



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.389 min Scan# 3152
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Tgt Ion:178 Resp: 11396
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.0
176 19.0 15.4 23.2

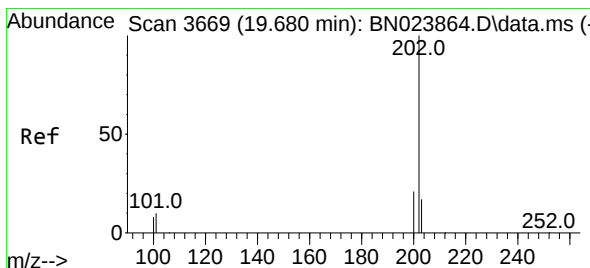
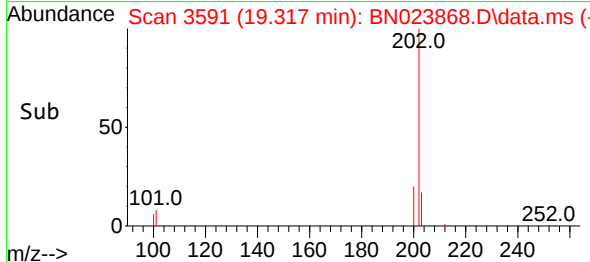
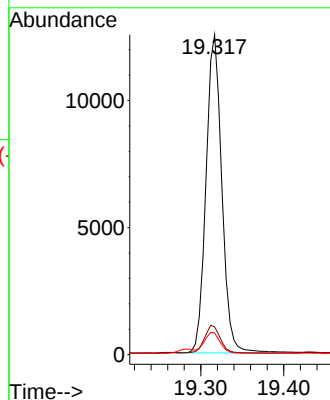
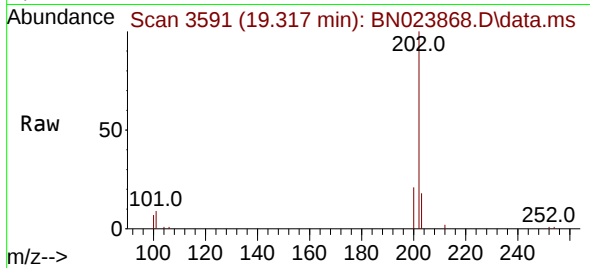




#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.317 min Scan# 3591
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

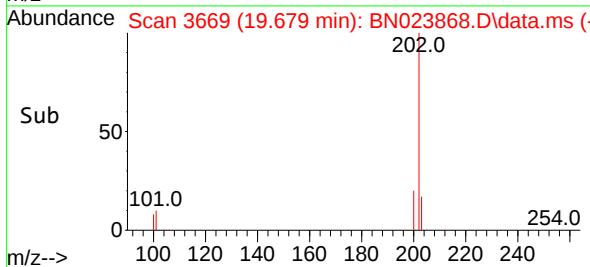
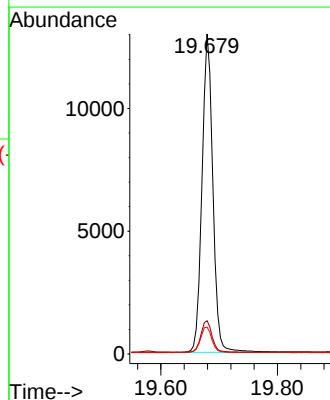
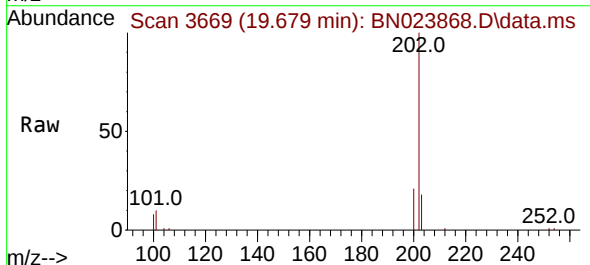
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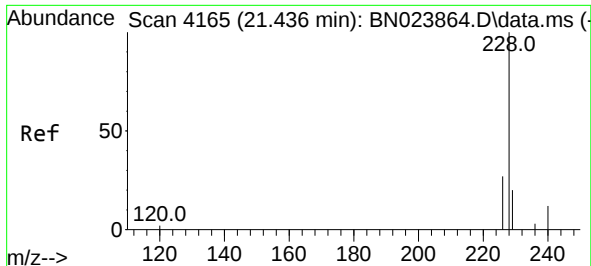
Tgt Ion:202 Resp: 16599
Ion Ratio Lower Upper
202 100
101 8.7 6.8 10.2
100 6.8 5.2 7.8



#20
Pyrene
Concen: 0.328 ng/ul
RT: 19.679 min Scan# 3669
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Tgt Ion:202 Resp: 16832
Ion Ratio Lower Upper
202 100
101 10.4 8.1 12.1
100 8.4 6.2 9.4

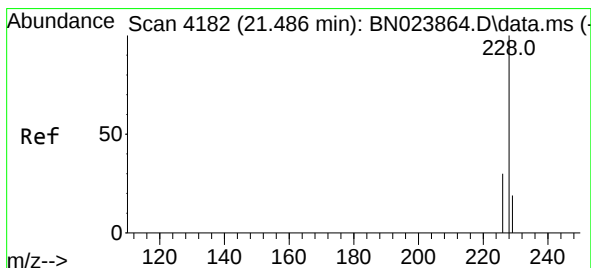
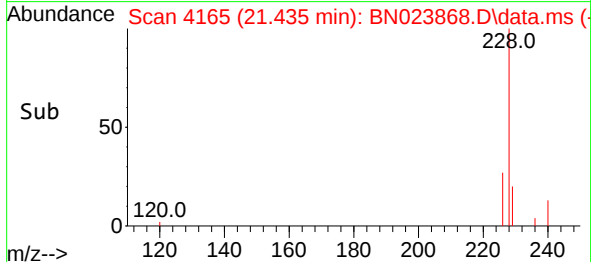
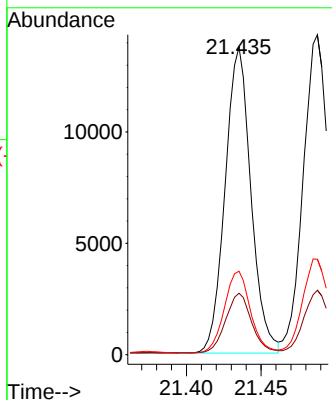
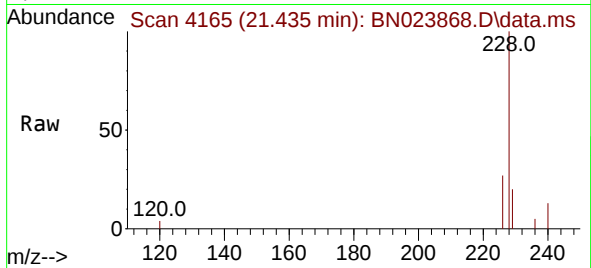




#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

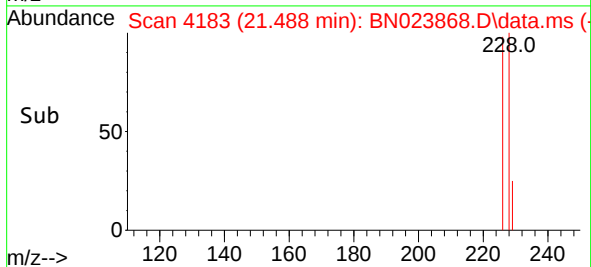
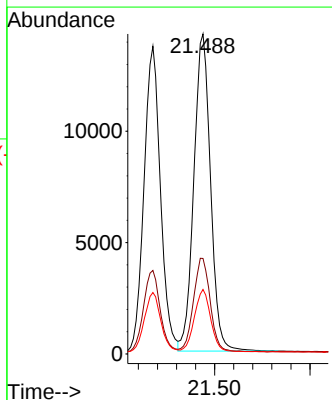
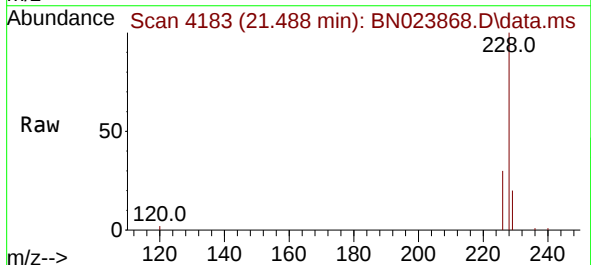
Instrument :
BNA_N
ClientSampleId :
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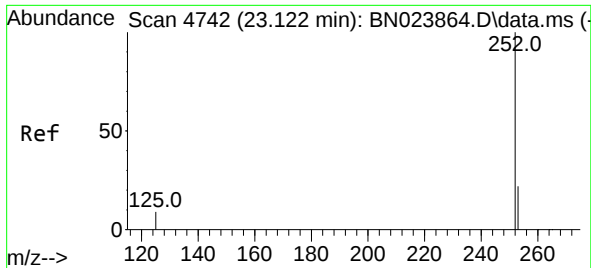
Tgt Ion:228 Resp: 16562
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.488 min Scan# 4183
Delta R.T. 0.002 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Tgt Ion:228 Resp: 17312
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 20.1 15.5 23.3

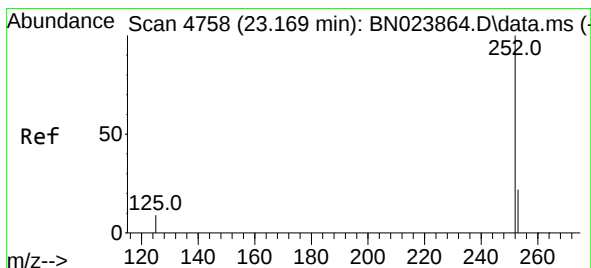
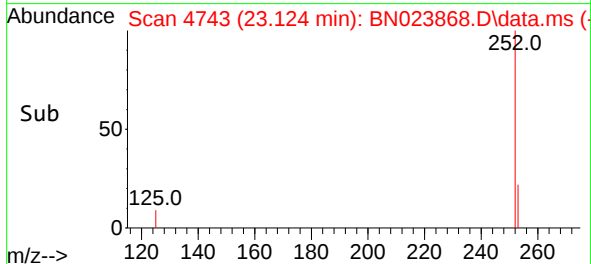
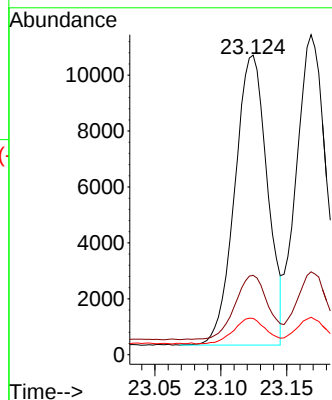
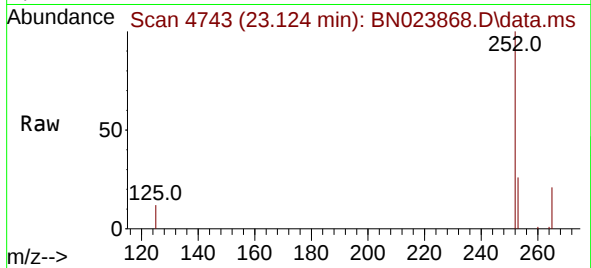




#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.124 min Scan# 4742
Delta R.T. 0.002 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

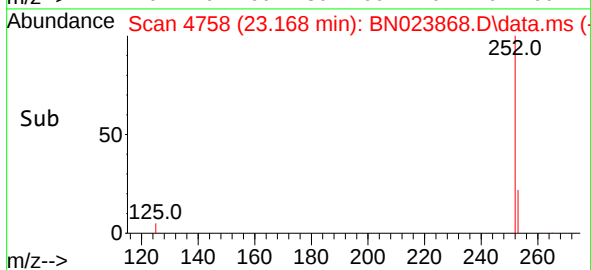
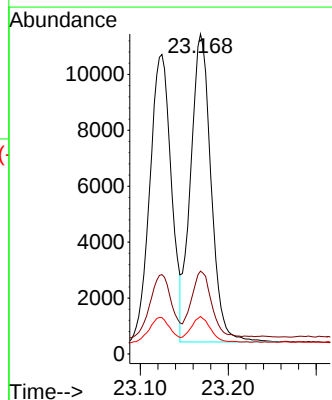
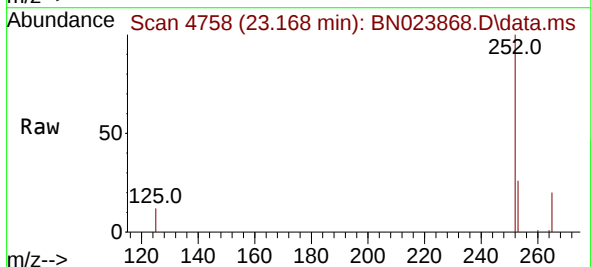
Instrument :
BNA_N
ClientSampleId :
SLCS492

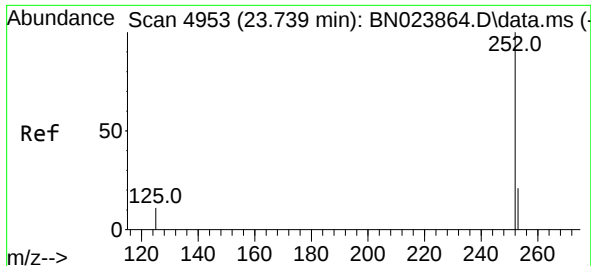
Tgt Ion:252 Resp: 17808
Ion Ratio Lower Upper
252 100
253 26.5 0.0 51.8
125 12.1 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

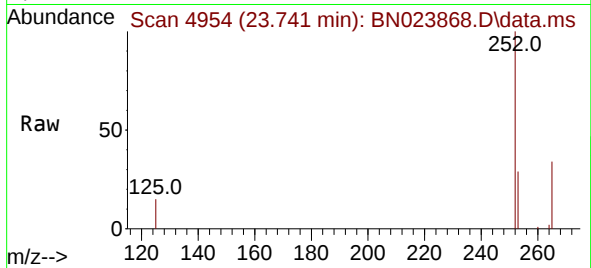
Tgt Ion:252 Resp: 17834
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.2
125 11.7 9.0 13.4



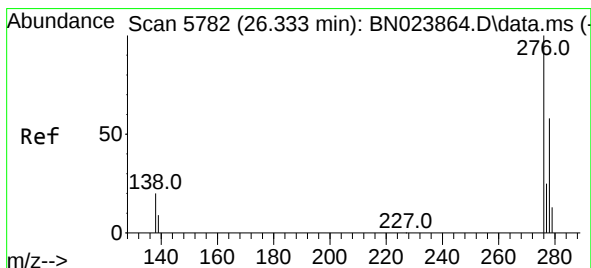
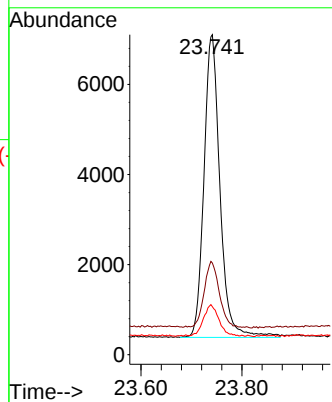
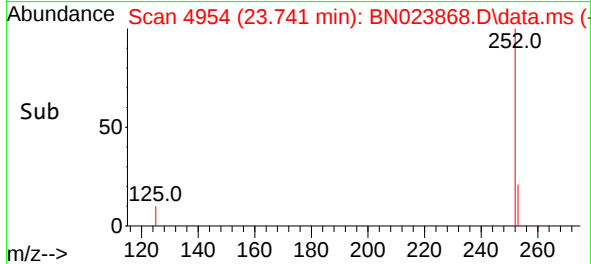


#26
Benzo(a)pyrene
Concen: 0.309 ng/ul
RT: 23.741 min Scan# 4954
Delta R.T. 0.002 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Instrument :
BNA_N
ClientSampleId :
SLCS492

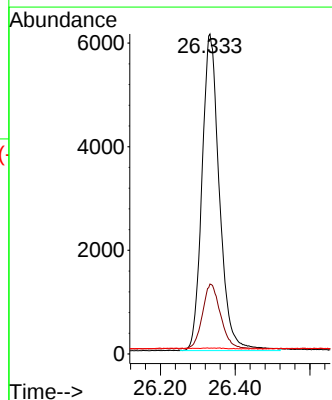
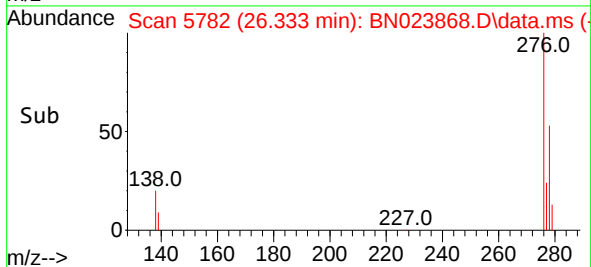
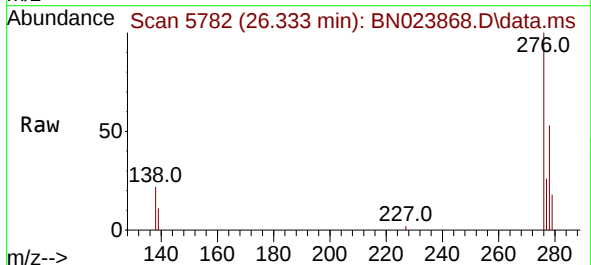


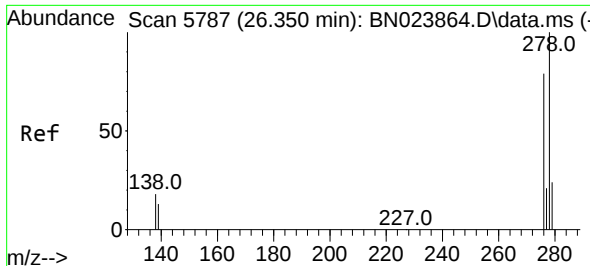
Tgt Ion:252 Resp: 14804
Ion Ratio Lower Upper
252 100
253 28.7 21.5 32.3
125 15.0 11.2 16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Tgt Ion:276 Resp: 19778
Ion Ratio Lower Upper
276 100
138 21.7 17.0 25.6
227 0.1 0.2 0.4

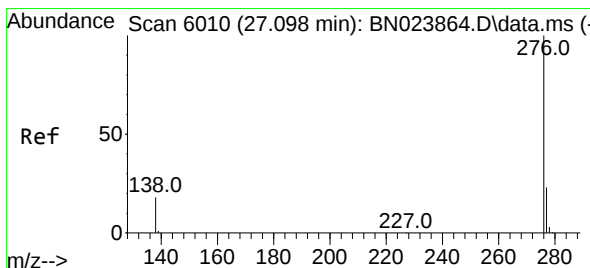
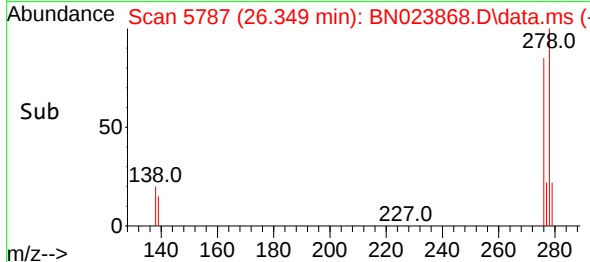
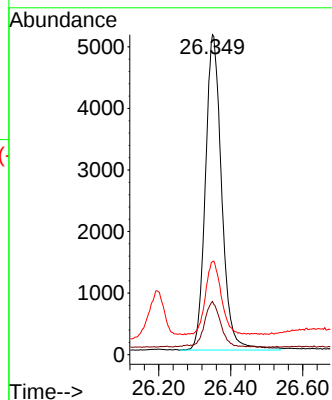
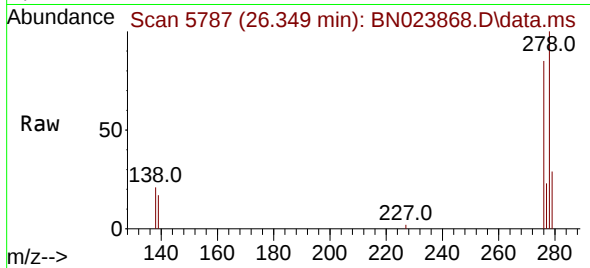




#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.349 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Instrument :
BNA_N
ClientSampleId :
SLCS492

Tgt Ion:278 Resp: 16050
Ion Ratio Lower Upper
278 100
139 16.6 12.3 18.5
279 29.1 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.101 min Scan# 6011
Delta R.T. 0.002 min
Lab File: BN023868.D
Acq: 31 Jan 2023 19:16

Tgt Ion:276 Resp: 16700
Ion Ratio Lower Upper
276 100
138 19.9 15.3 22.9
277 25.4 19.9 29.9

