

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013123\
 Data File : BN023880.D
 Acq On : 01 Feb 2023 02:38
 Operator : CG/JU
 Sample : PB150470BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS470

Quant Time: Feb 01 03:30:08 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)

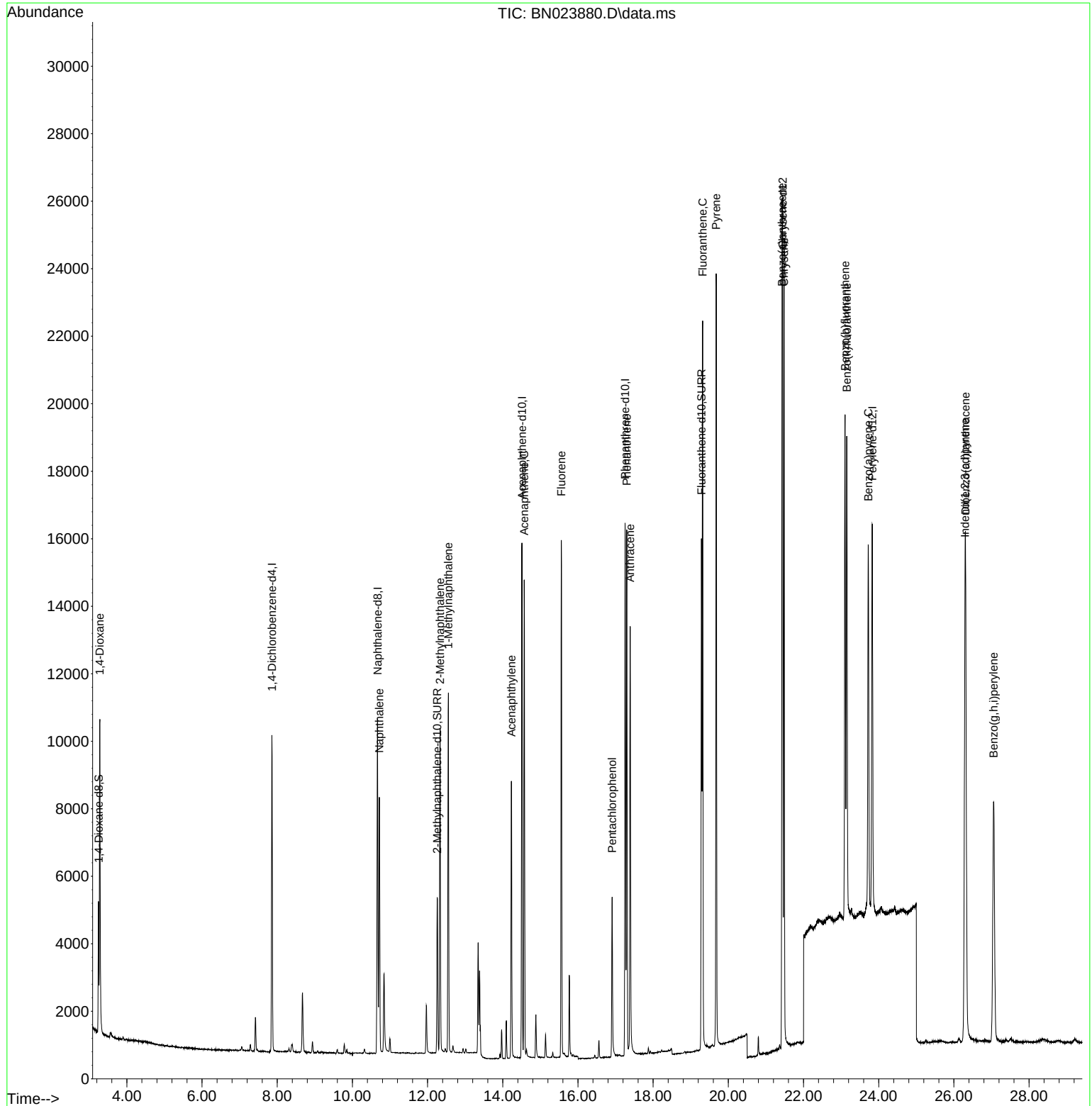
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	4622	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	12914	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	8300	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	19086	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	18110	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	15687	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	2511	0.507	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	6033	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	16308	0.335	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	6580	1.253	ng/ul#	81
5) Naphthalene	10.716	128	9942	0.281	ng/ul	99
7) 2-Methylnaphthalene	12.333	142	6575	0.286	ng/ul	99
8) 1-Methylnaphthalene	12.553	142	7073	0.301	ng/ul	100
10) Acenaphthylene	14.229	152	9307	0.293	ng/ul	99
11) Acenaphthene	14.571	153	7847	0.281	ng/ul	98
12) Fluorene	15.557	166	9321	0.276	ng/ul	97
14) Pentachlorophenol	16.909	266	3242	0.515	ng/ul	99
15) Phenanthrene	17.297	178	15772	0.277	ng/ul	99
16) Anthracene	17.390	178	13839	0.291	ng/ul	99
19) Fluoranthene	19.318	202	19200	0.319	ng/ul	99
20) Pyrene	19.676	202	19732	0.316	ng/ul	97
21) Benzo(a)anthracene	21.429	228	18996	0.309	ng/ul	99
22) Chrysene	21.481	228	19051	0.294	ng/ul	99
24) Benzo(b)fluoranthene	23.104	252	19248	0.278	ng/ul	97
25) Benzo(k)fluoranthene	23.150	252	18989	0.280	ng/ul	96
26) Benzo(a)pyrene	23.723	252	16255	0.282	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.295	276	19919	0.246	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.312	278	15962	0.246	ng/ul	96
29) Benzo(g,h,i)perylene	27.057	276	16475	0.247	ng/ul	98

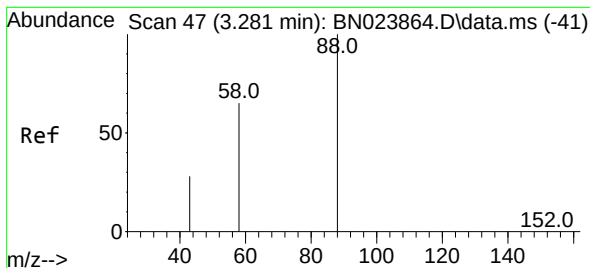
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 01 03:30:08 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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#2

1,4-Dioxane

Concen: 1.253 ng/ul

RT: 3.281 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN023880.D

Acq: 01 Feb 2023 02:38

Instrument :

BNA_N

ClientSampleId :

SLCS470

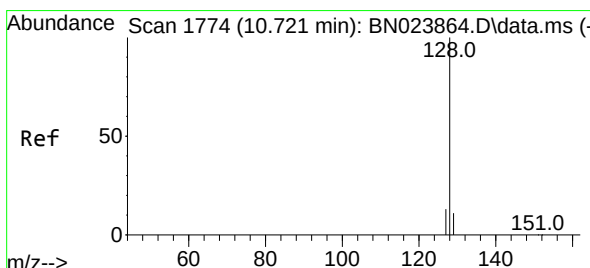
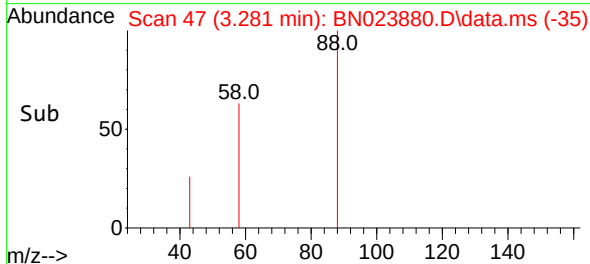
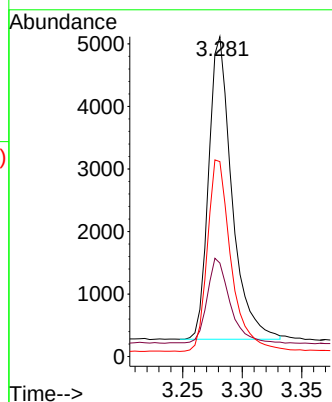
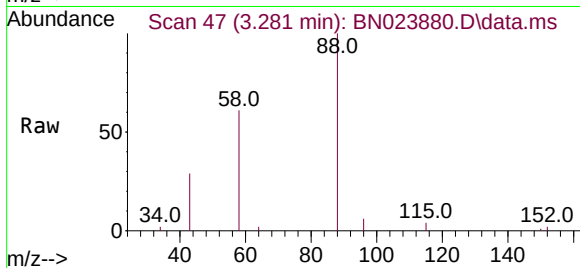
Tgt Ion: 88 Resp: 6580

Ion Ratio Lower Upper

88 100

43 29.2 41.9 62.9#

58 60.9 45.6 68.4



#5

Naphthalene

Concen: 0.281 ng/ul

RT: 10.716 min Scan# 1773

Delta R.T. -0.005 min

Lab File: BN023880.D

Acq: 01 Feb 2023 02:38

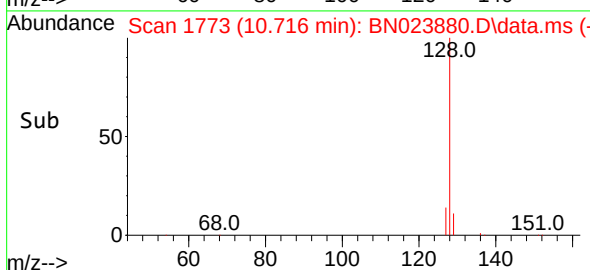
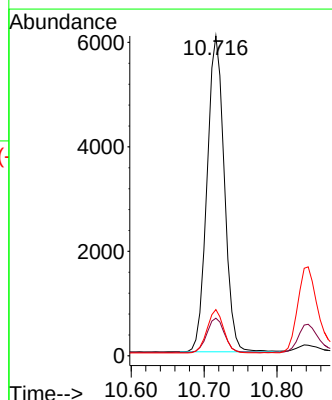
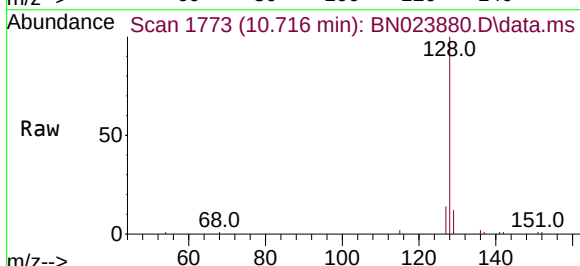
Tgt Ion: 128 Resp: 9942

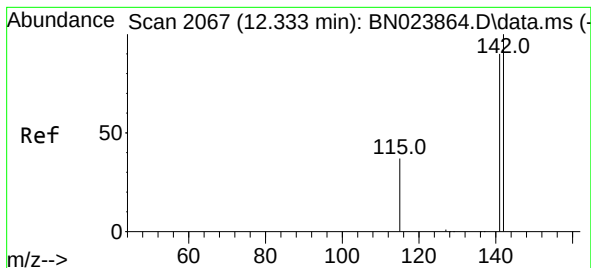
Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

127 14.5 11.1 16.7

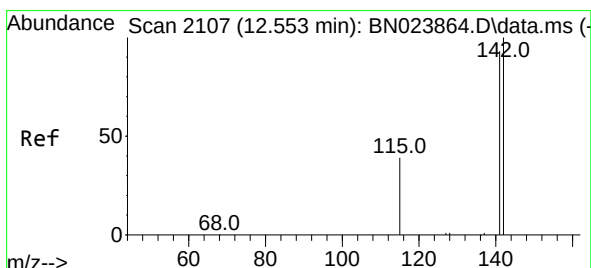
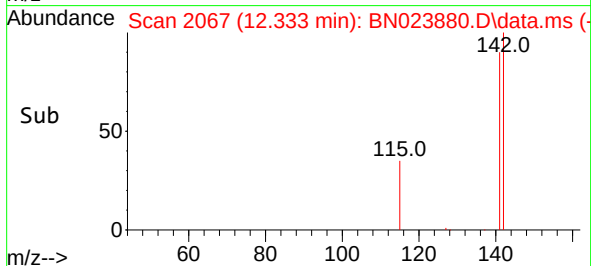
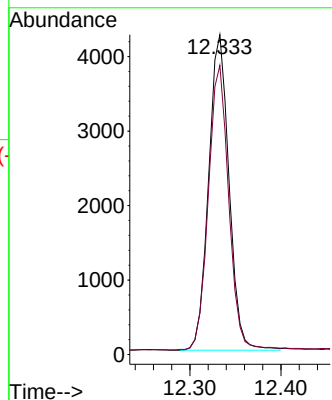
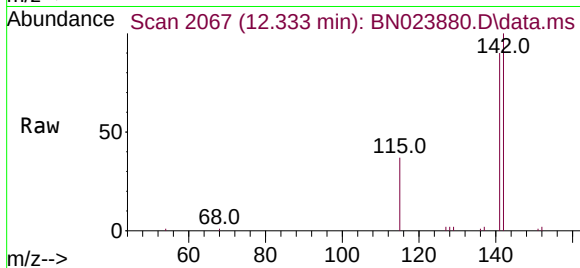




#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

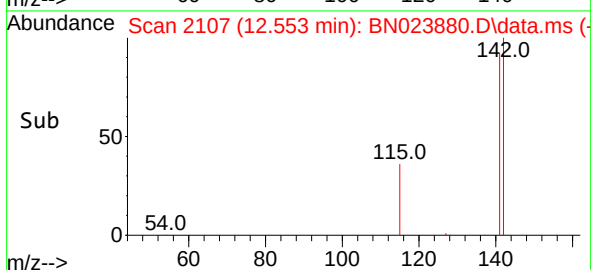
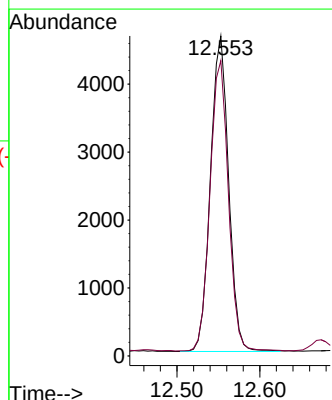
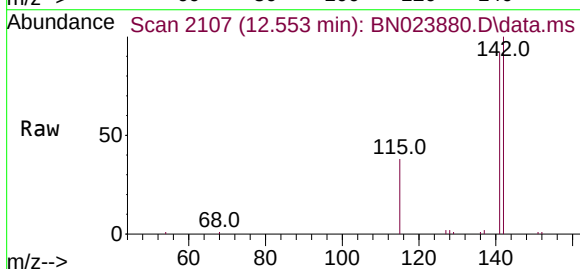
Instrument :
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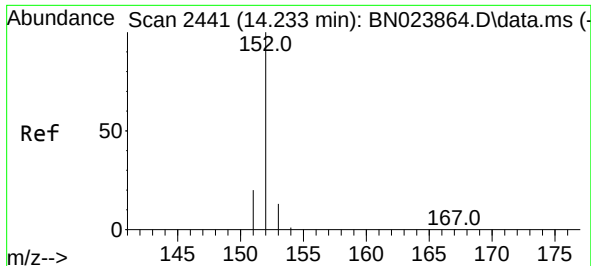
Tgt Ion:142 Resp: 6575
Ion Ratio Lower Upper
142 100
141 90.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Tgt Ion:142 Resp: 7073
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

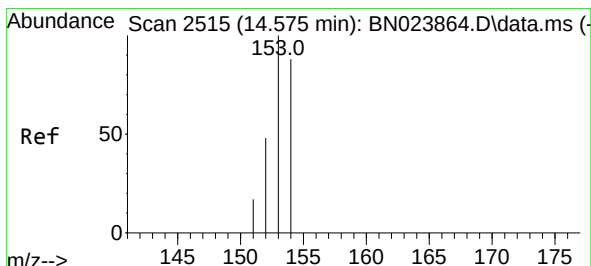
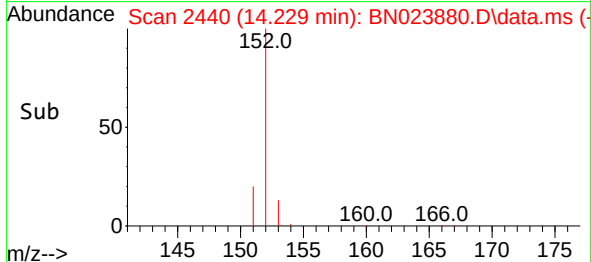
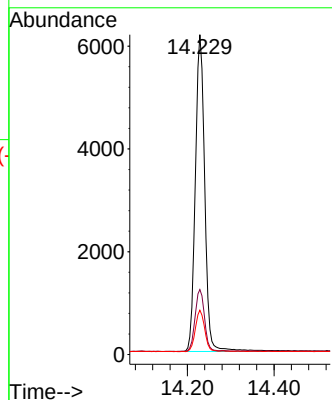
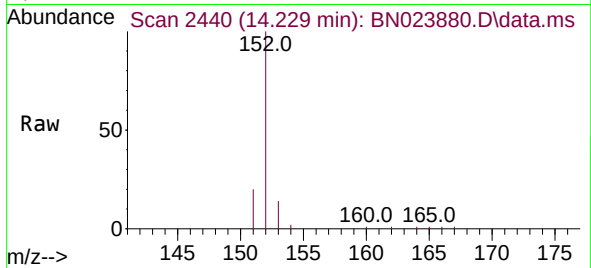




#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.229 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

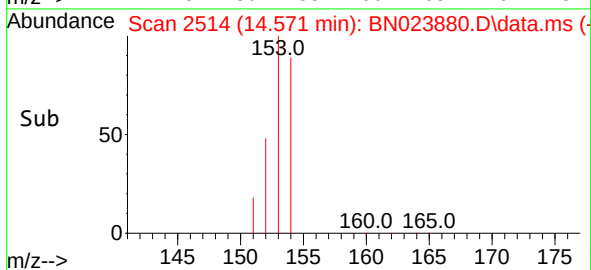
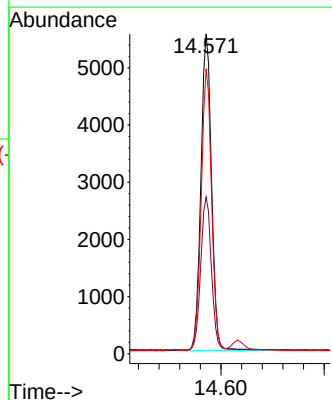
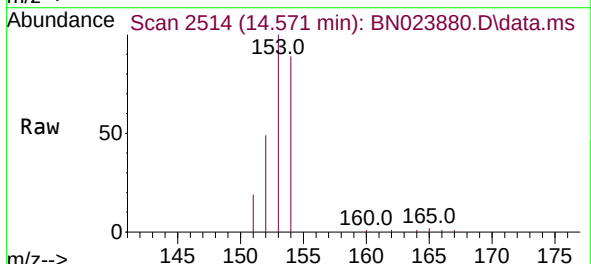
Instrument :
BNA_N
ClientSampleId :
SLCS470

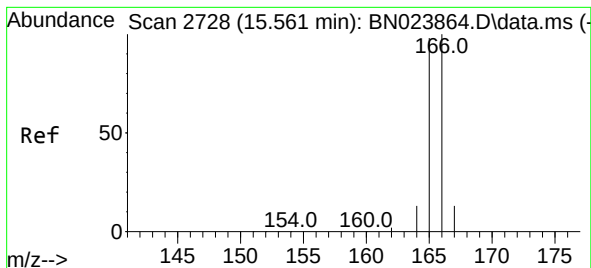
Tgt Ion:152 Resp: 9307
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.4
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.281 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. -0.004 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Tgt Ion:153 Resp: 7847
Ion Ratio Lower Upper
153 100
152 49.0 39.6 59.4
154 89.1 68.8 103.2





#12

Fluorene

Concen: 0.276 ng/ul

RT: 15.557 min Scan# 2727

Delta R.T. -0.004 min

Lab File: BN023880.D

Acq: 01 Feb 2023 02:38

Instrument :

BNA_N

ClientSampleId :

SLCS470

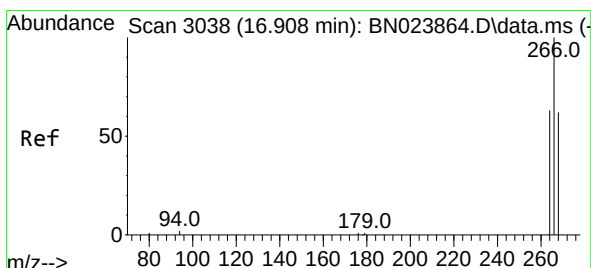
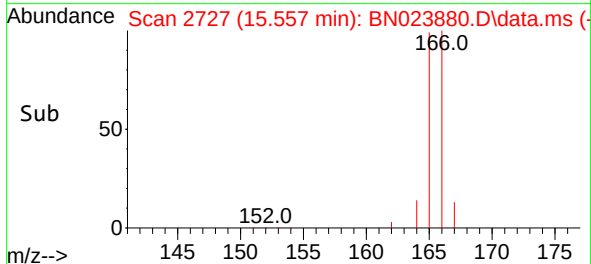
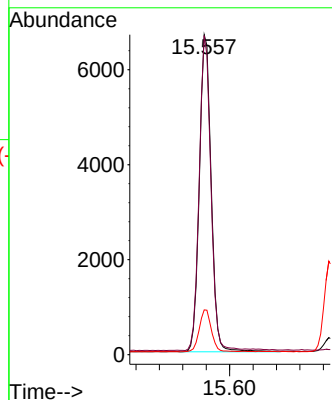
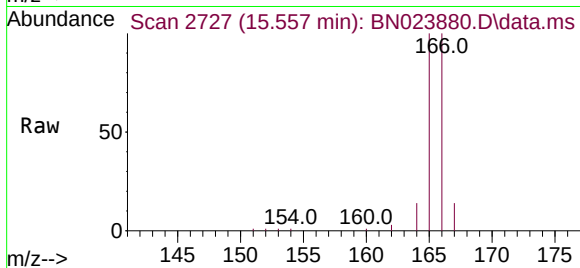
Tgt Ion:166 Resp: 9321

Ion Ratio Lower Upper

166 100

165 99.7 77.4 116.2

167 14.0 11.4 17.0



#14

Pentachlorophenol

Concen: 0.515 ng/ul

RT: 16.909 min Scan# 3038

Delta R.T. 0.000 min

Lab File: BN023880.D

Acq: 01 Feb 2023 02:38

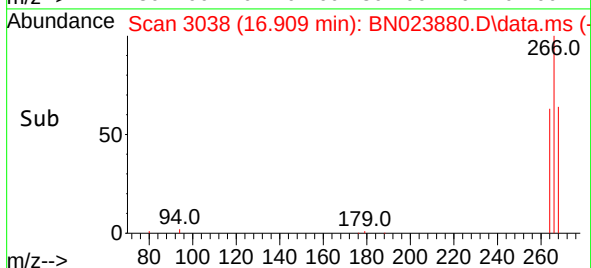
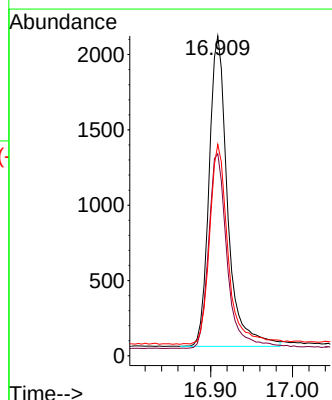
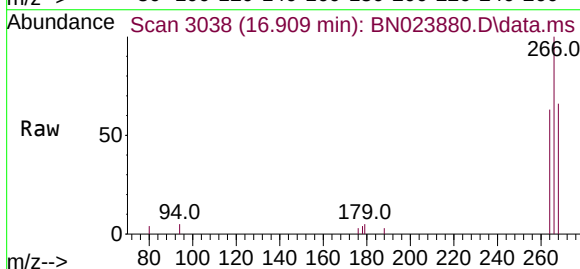
Tgt Ion:266 Resp: 3242

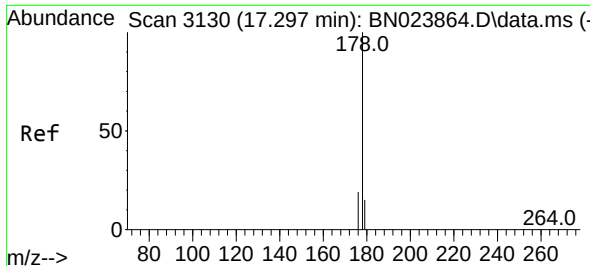
Ion Ratio Lower Upper

266 100

264 63.4 49.4 74.0

268 64.4 52.0 78.0

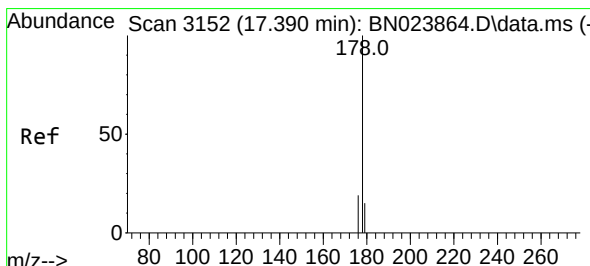
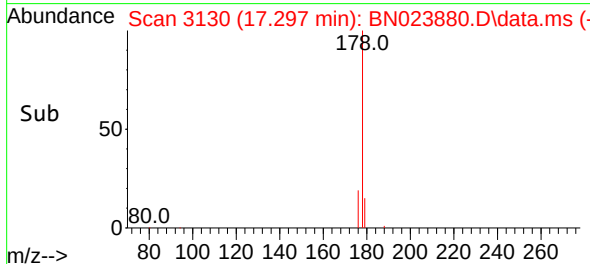
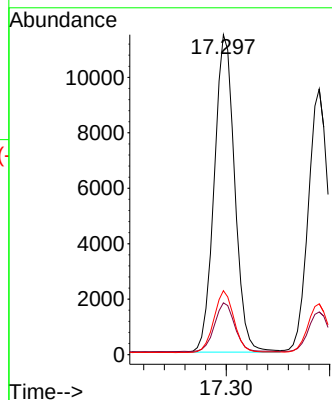
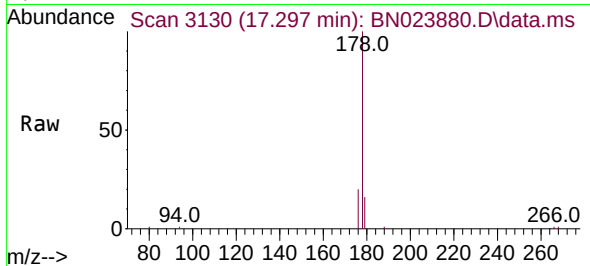




#15
Phenanthrene
Concen: 0.277 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

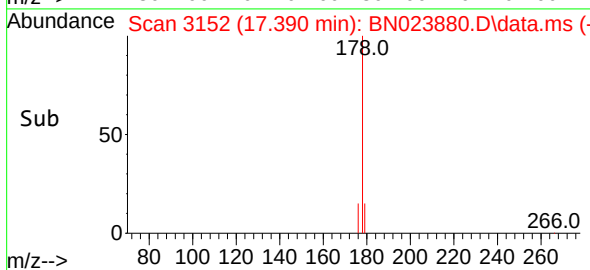
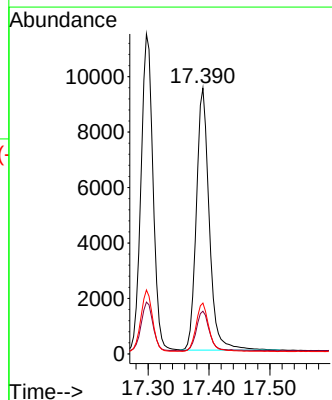
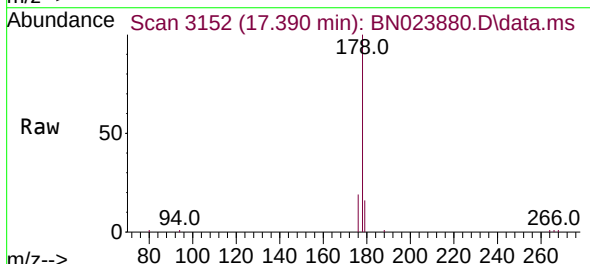
Instrument :
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ClientSampleId :
SLCS470

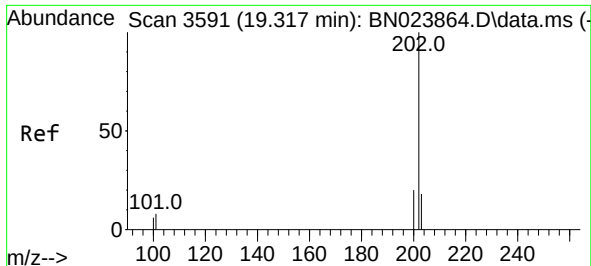
Tgt Ion:178 Resp: 15772
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.291 ng/ul
RT: 17.390 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Tgt Ion:178 Resp: 13839
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.0
176 19.1 15.4 23.2

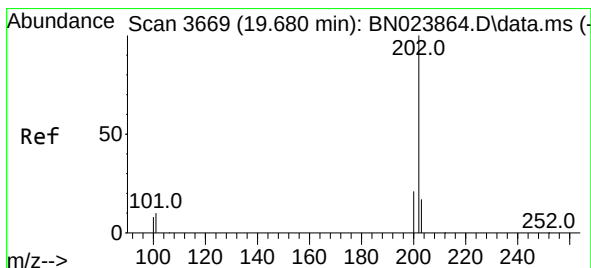
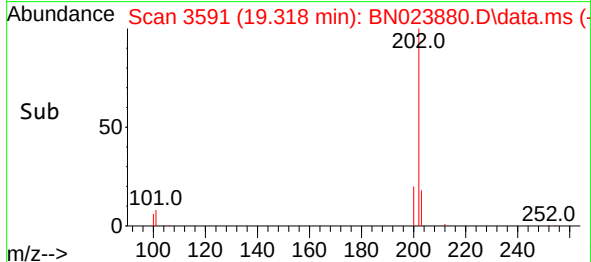
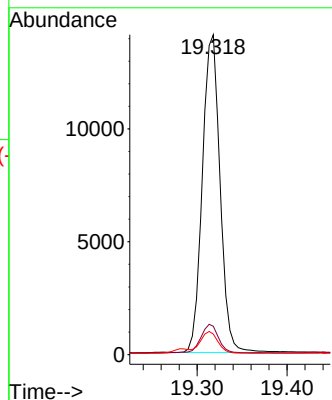
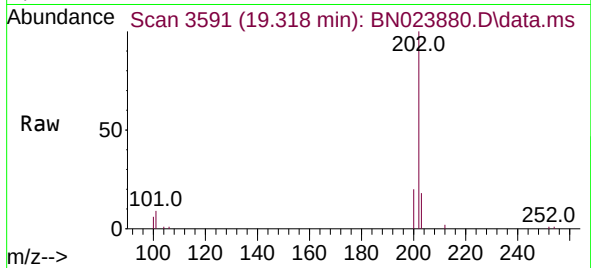




#19
Fluoranthene
Concen: 0.319 ng/ul
RT: 19.318 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

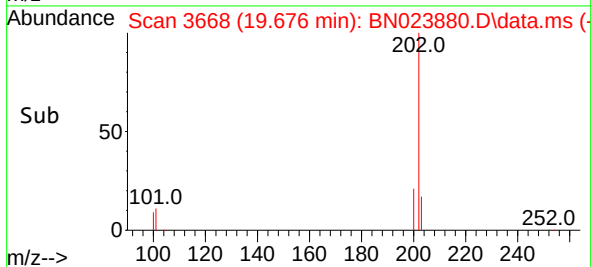
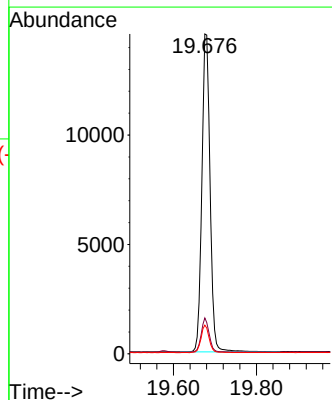
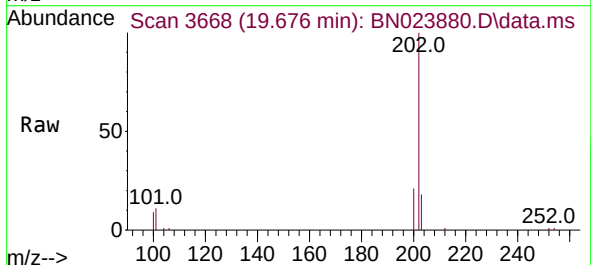
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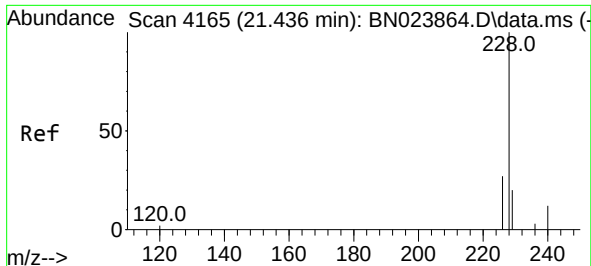
Tgt Ion:202 Resp: 19200
Ion Ratio Lower Upper
202 100
101 8.9 6.8 10.2
100 6.4 5.2 7.8



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.676 min Scan# 3668
Delta R.T. -0.004 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Tgt Ion:202 Resp: 19732
Ion Ratio Lower Upper
202 100
101 11.2 8.1 12.1
100 9.0 6.2 9.4

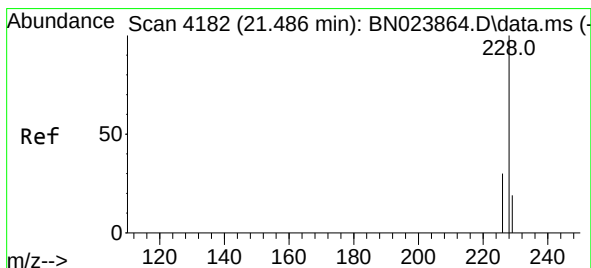
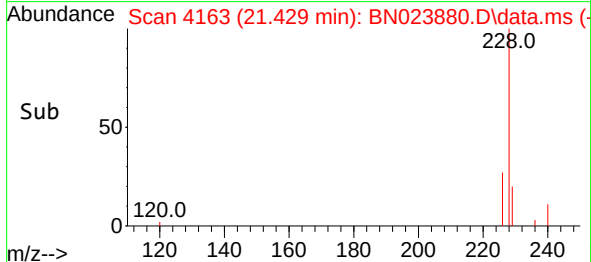
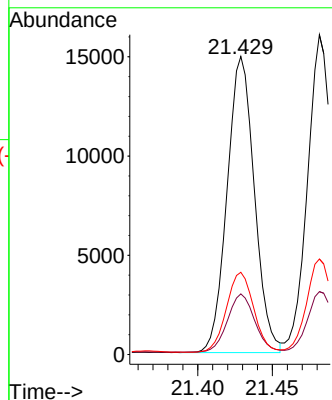
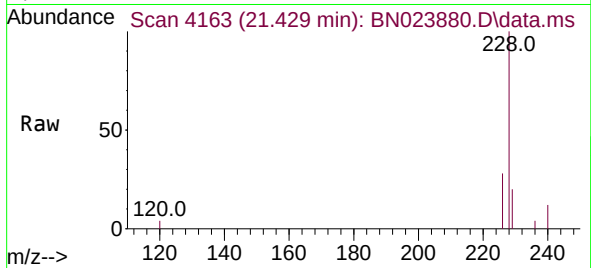




#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.007 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

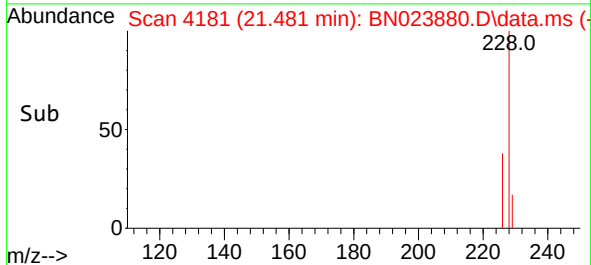
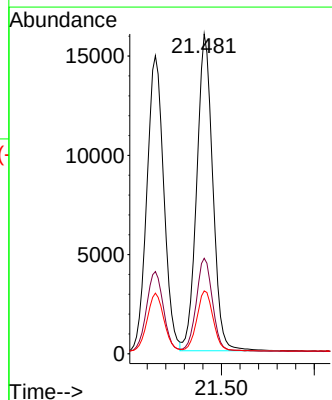
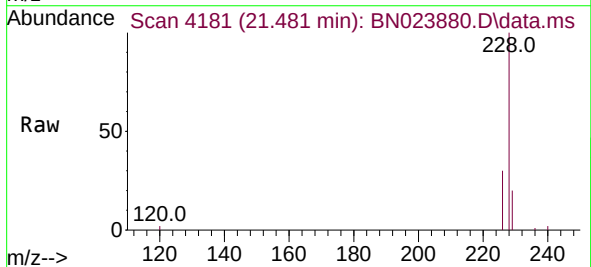
Instrument :
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ClientSampleId :
SLCS470

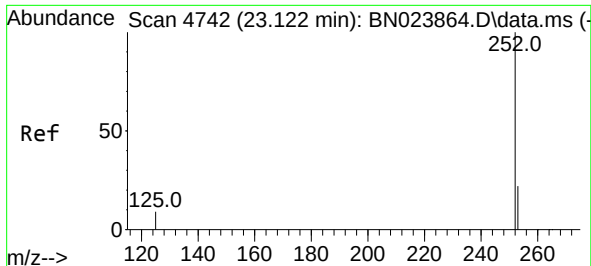
Tgt Ion:228 Resp: 18996
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 27.6 22.0 33.0



#22
Chrysene
Concen: 0.294 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Tgt Ion:228 Resp: 19051
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 19.7 15.5 23.3

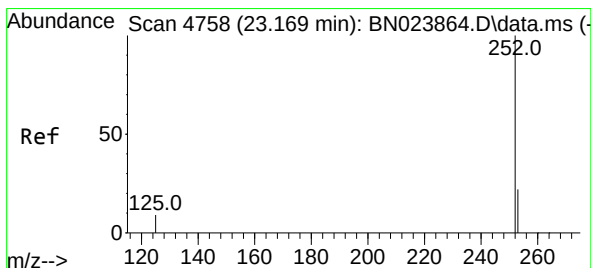
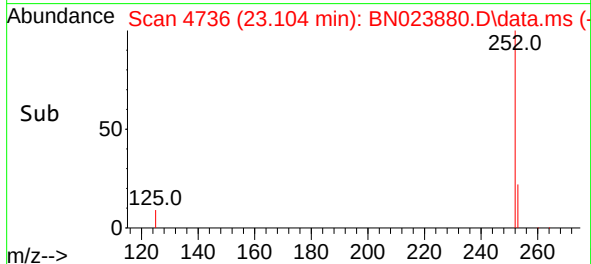
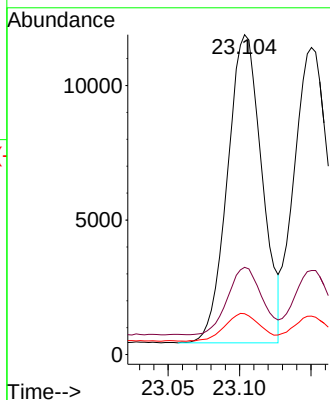
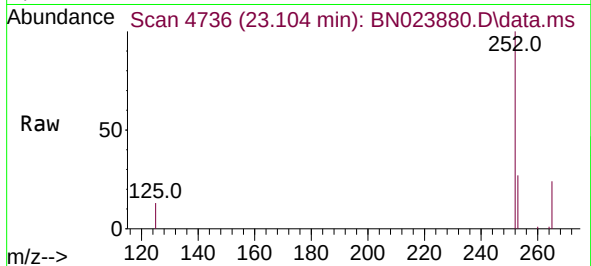




#24
Benzo(b)fluoranthene
Concen: 0.278 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.019 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

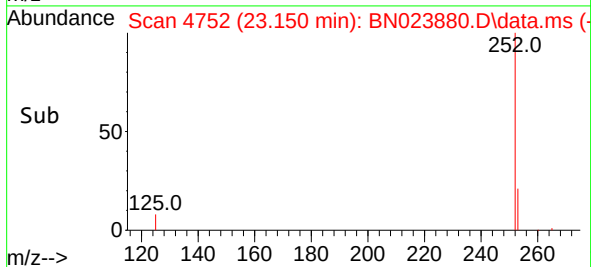
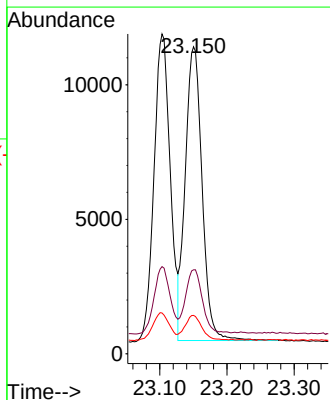
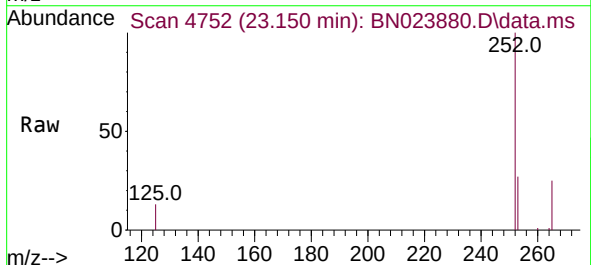
Instrument :
BNA_N
ClientSampleId :
SLCS470

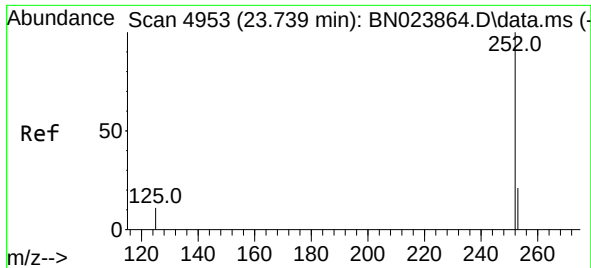
Tgt Ion:252 Resp: 19248
Ion Ratio Lower Upper
252 100
253 27.3 0.0 51.8
125 12.8 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.280 ng/ul
RT: 23.150 min Scan# 4752
Delta R.T. -0.019 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Tgt Ion:252 Resp: 18989
Ion Ratio Lower Upper
252 100
253 27.4 20.2 30.2
125 12.5 9.0 13.4

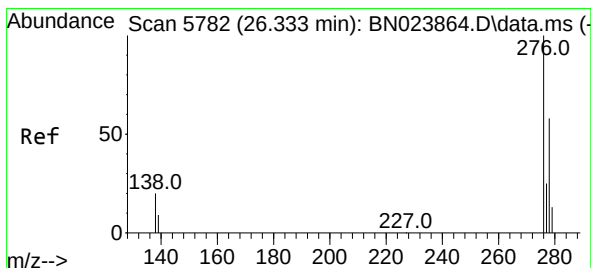
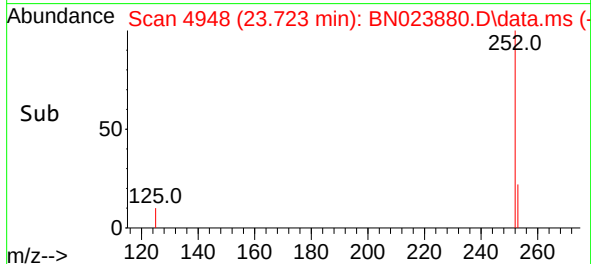
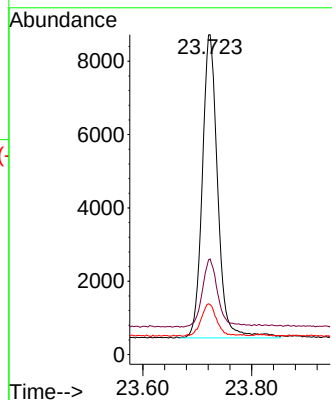
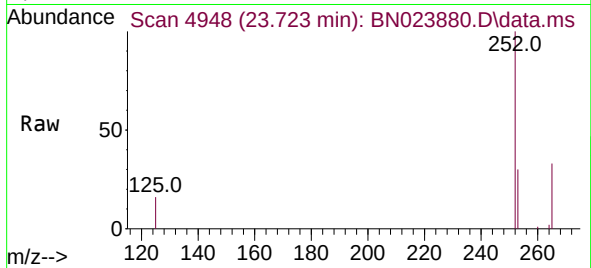




#26
Benzo(a)pyrene
Concen: 0.282 ng/ul
RT: 23.723 min Scan# 4953
Delta R.T. -0.016 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

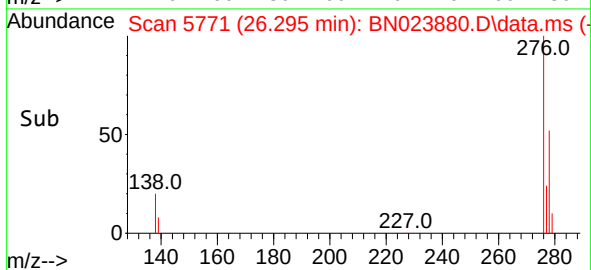
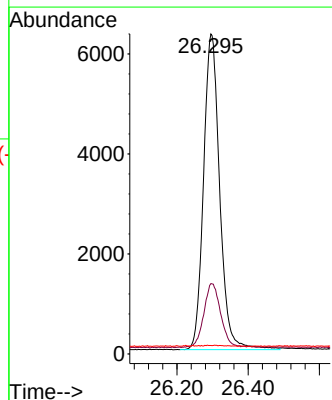
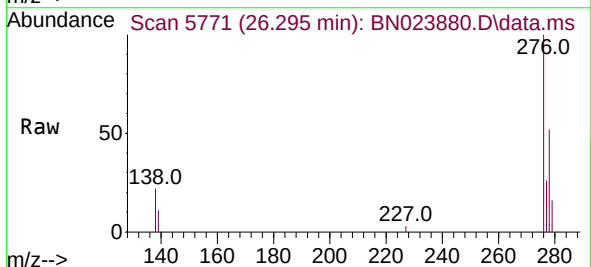
Instrument :
BNA_N
ClientSampleId :
SLCS470

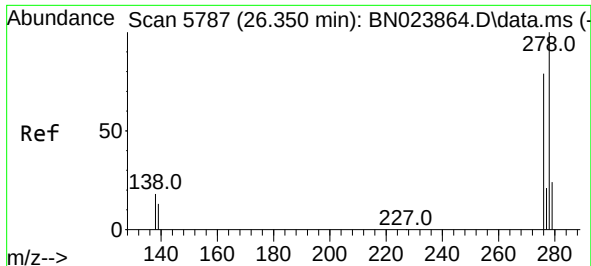
Tgt Ion:252	Resp:	16255
Ion Ratio	Lower	Upper
252	100	
253	29.9	21.5 32.3
125	15.6	11.2 16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 26.295 min Scan# 5771
Delta R.T. -0.038 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Tgt Ion:276	Resp:	19919
Ion Ratio	Lower	Upper
276	100	
138	21.1	17.0 25.6
227	0.1	0.2 0.4

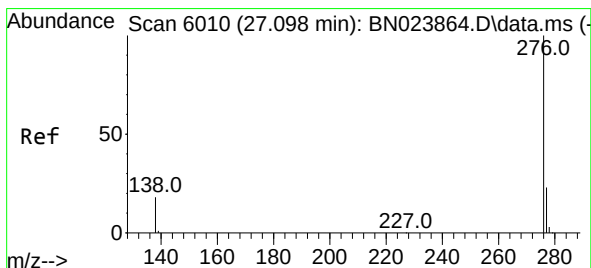
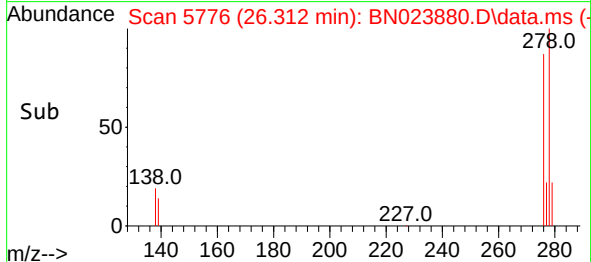
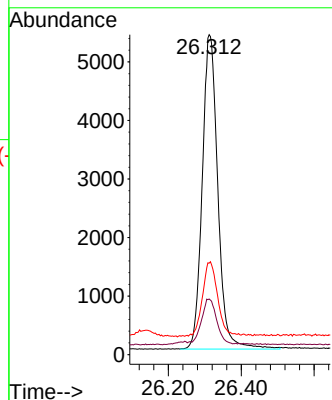
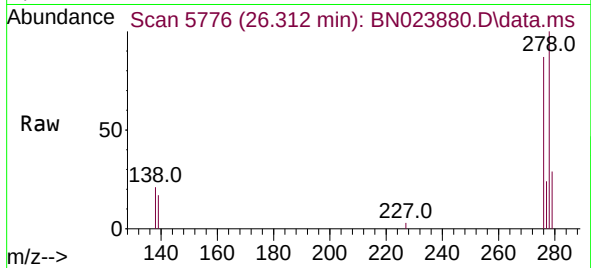




#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 26.312 min Scan# 51
Delta R.T. -0.038 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Instrument :
BNA_N
ClientSampleId :
SLCS470

Tgt Ion:278 Resp: 15962
Ion Ratio Lower Upper
278 100
139 17.4 12.3 18.5
279 28.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.057 min Scan# 5998
Delta R.T. -0.042 min
Lab File: BN023880.D
Acq: 01 Feb 2023 02:38

Tgt Ion:276 Resp: 16475
Ion Ratio Lower Upper
276 100
138 20.6 15.3 22.9
277 25.2 19.9 29.9

