

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023478.D
 Acq On : 26 Dec 2022 10:04
 Operator : CG/JU
 Sample : PB149719BS
 Misc :
 ALS Vial : 115 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS719

Quant Time: Dec 27 03:43:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

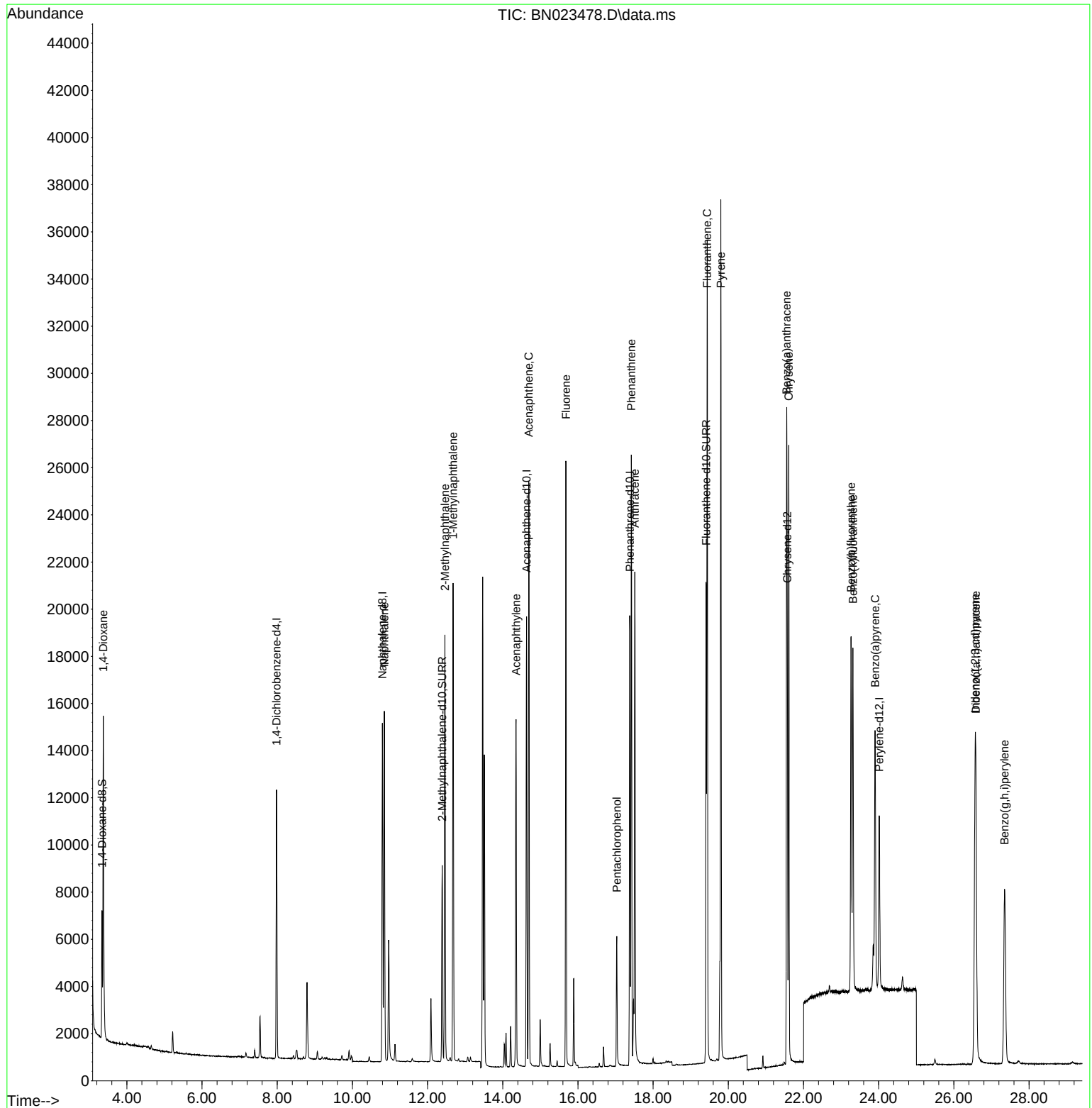
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.981	152	5654	0.400 ng/u1	0.00
4) Naphthalene-d8	10.799	136	18482	0.400 ng/u1	0.00
9) Acenaphthene-d10	14.632	164	10267	0.400 ng/u1	0.00
13) Phenanthrene-d10	17.378	188	21727	0.400 ng/u1	0.00
17) Chrysene-d12	21.570	240	13095	0.400 ng/u1	0.00
23) Perylene-d12	24.014	264	10219	0.400 ng/u1	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.340	96	3597	0.586 ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.388	152	10551	0.369 ng/u1	0.00
18) Fluoranthene-d10	19.412	212	21824	0.461 ng/u1	0.00
Target Compounds					
					Qvalue
2) 1,4-Dioxane	3.374	88	9616	1.530 ng/u1	90
5) Naphthalene	10.848	128	19640	0.362 ng/u1	100
7) 2-Methylnaphthalene	12.459	142	12508	0.360 ng/u1	99
8) 1-Methylnaphthalene	12.679	142	13456	0.376 ng/u1	99
10) Acenaphthylene	14.354	152	17092	0.376 ng/u1	100
11) Acenaphthene	14.692	153	14077	0.367 ng/u1	99
12) Fluorene	15.682	166	15962	0.370 ng/u1	98
14) Pentachlorophenol	17.032	266	3718	0.617 ng/u1	100
15) Phenanthrene	17.420	178	26641	0.377 ng/u1	99
16) Anthracene	17.513	178	22983	0.392 ng/u1	100
19) Fluoranthene	19.439	202	28854	0.454 ng/u1	100
20) Pyrene	19.802	202	28790	0.450 ng/u1	99
21) Benzo(a)anthracene	21.552	228	21858	0.429 ng/u1	100
22) Chrysene	21.608	228	21973	0.424 ng/u1	100
24) Benzo(b)fluoranthene	23.265	252	20182	0.382 ng/u1	97
25) Benzo(k)fluoranthene	23.315	252	18994	0.383 ng/u1	99
26) Benzo(a)pyrene	23.905	252	16410	0.392 ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.564	276	20139	0.412 ng/u1#	99
28) Dibenzo(a,h)anthracene	26.584	278	15879	0.419 ng/u1	99
29) Benzo(g,h,i)perylene	27.349	276	16742	0.421 ng/u1	99

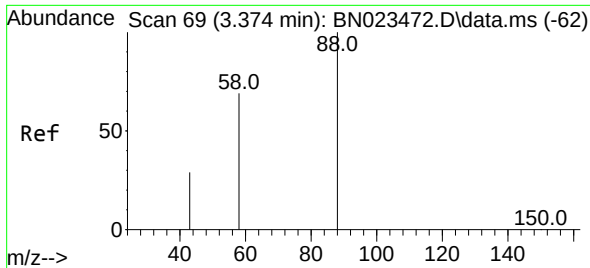
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 03:43:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
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QLast Update : Sun Dec 25 05:17:59 2022
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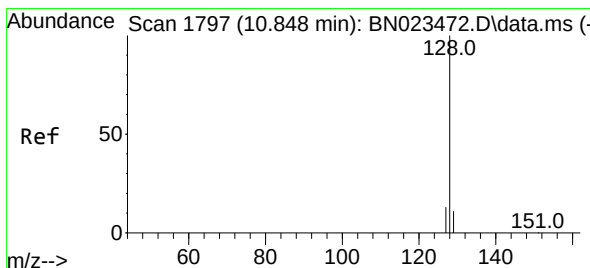
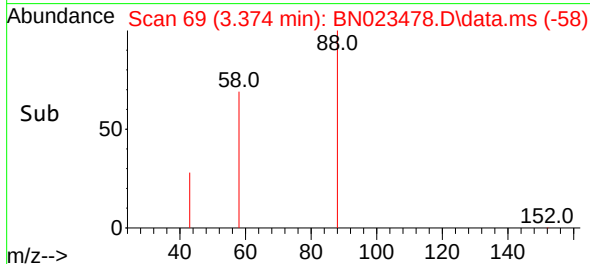
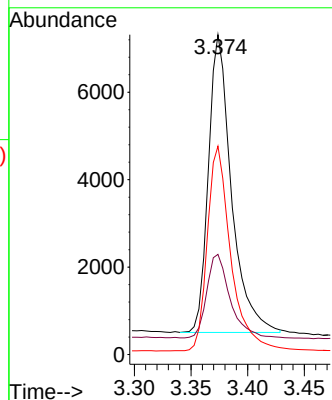
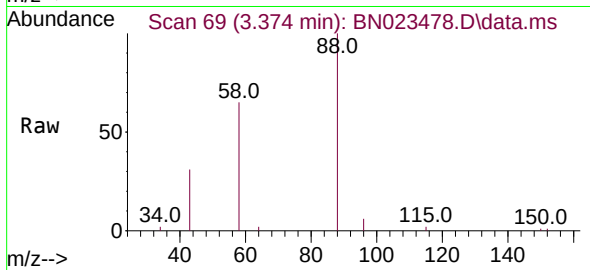




#2
1,4-Dioxane
Concen: 1.530 ng/ul
RT: 3.374 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

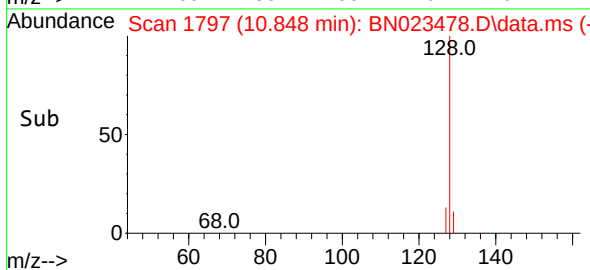
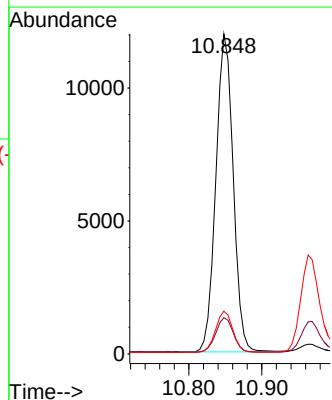
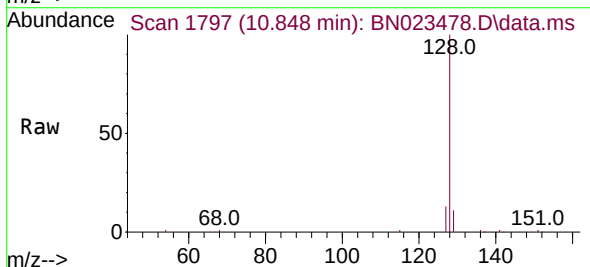
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BNA_N
ClientSampleId :
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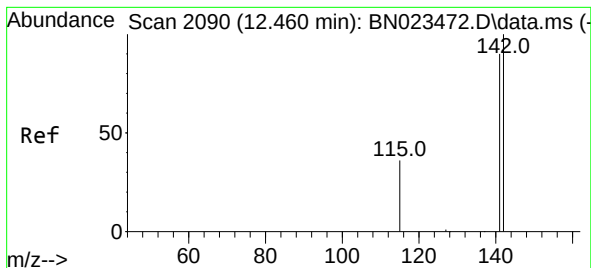
Tgt Ion: 88 Resp: 9616
Ion Ratio Lower Upper
88 100
43 31.3 28.4 42.6
58 65.1 45.6 68.4



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.848 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion: 128 Resp: 19640
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.7 16.1

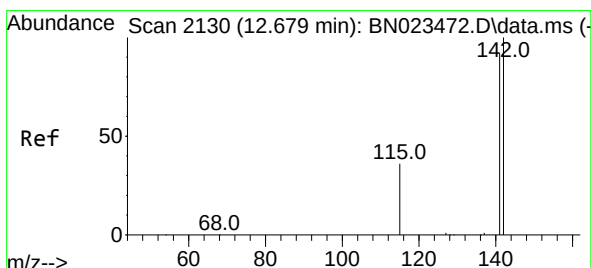
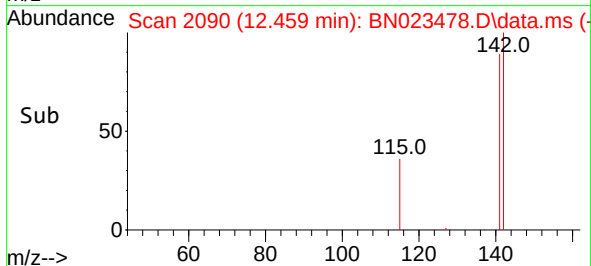
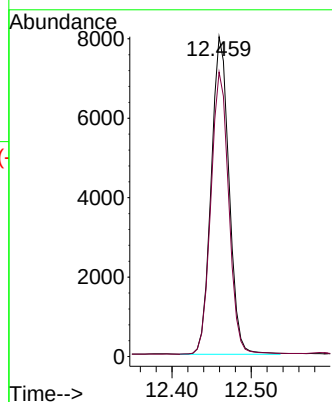
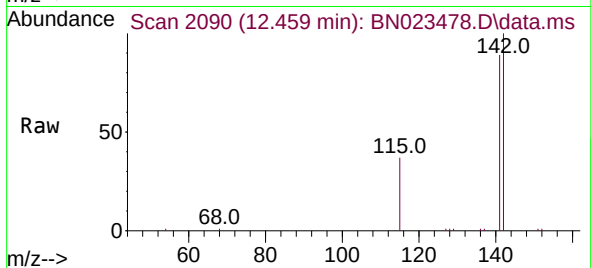




#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

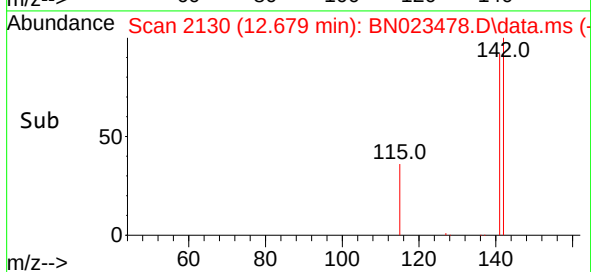
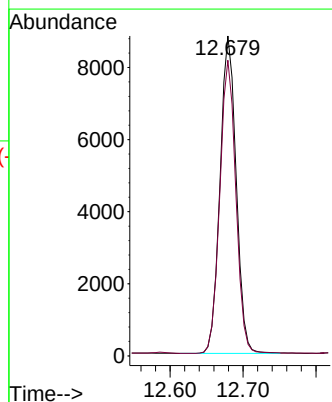
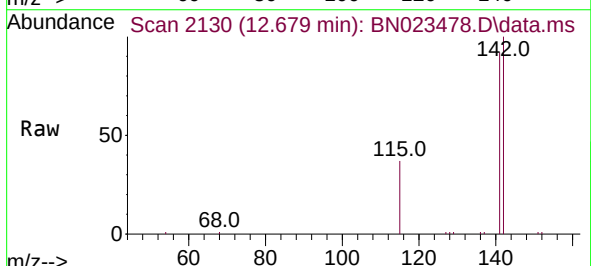
Instrument :
BNA_N
ClientSampleId :
SLCS719

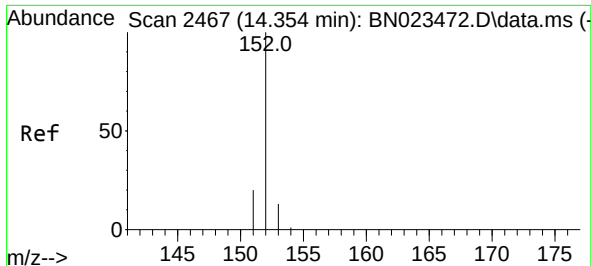
Tgt Ion:142 Resp: 12508
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.679 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion:142 Resp: 13456
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0

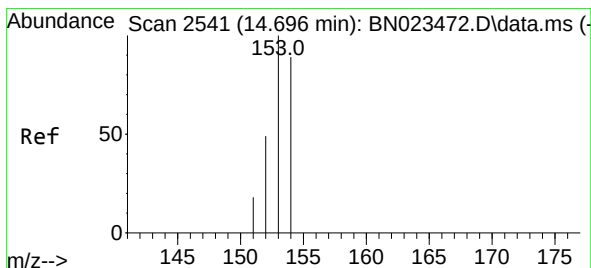
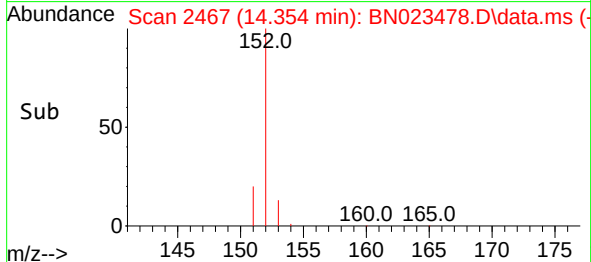
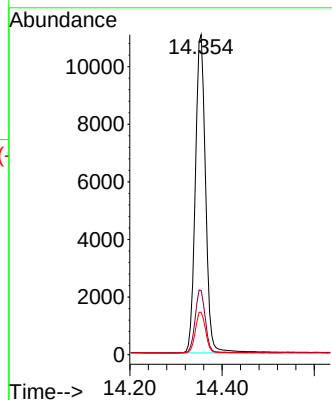
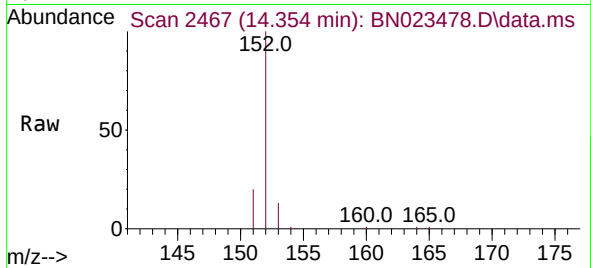




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.354 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

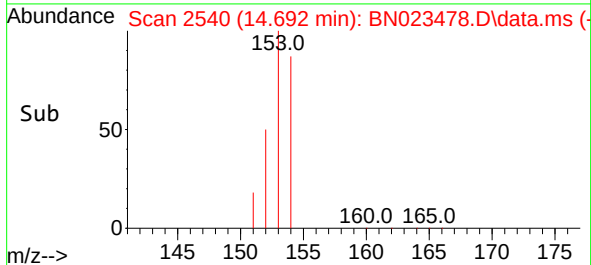
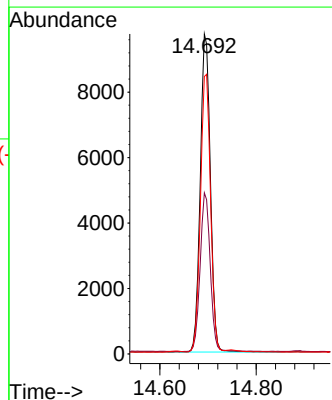
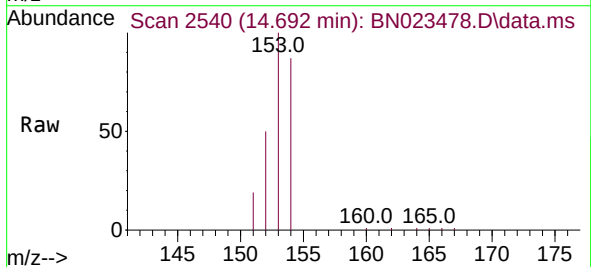
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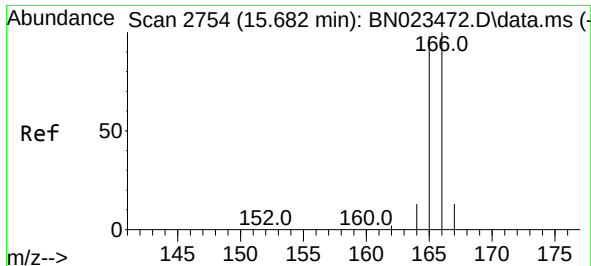
Tgt Ion:152 Resp: 17092
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.692 min Scan# 2540
Delta R.T. -0.008 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion:153 Resp: 14077
Ion Ratio Lower Upper
153 100
152 50.3 41.0 61.4
154 86.7 69.5 104.3

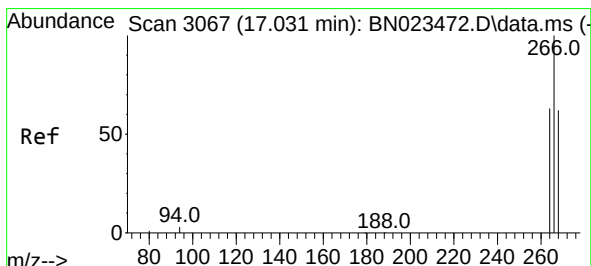
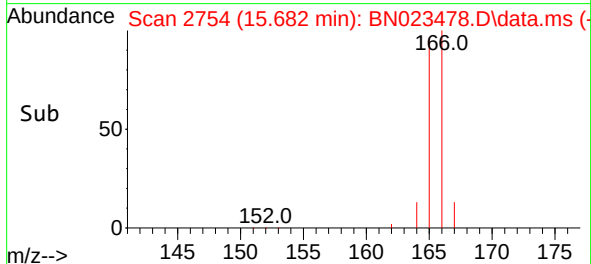
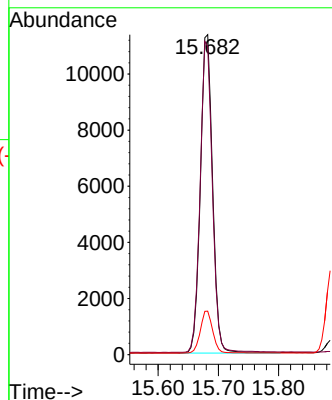
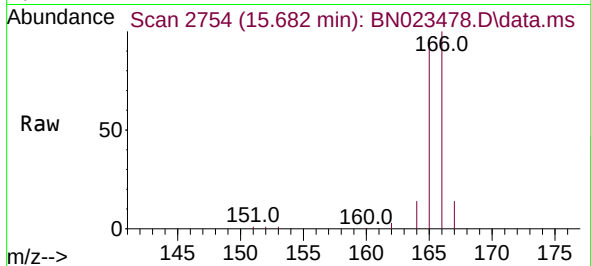




#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.682 min Scan# 2754
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

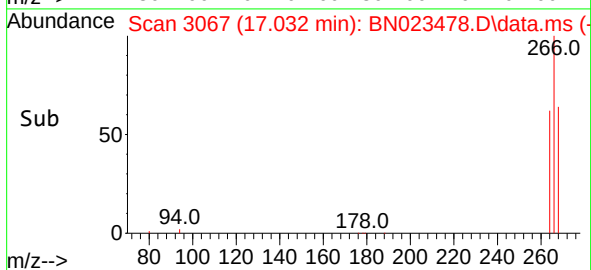
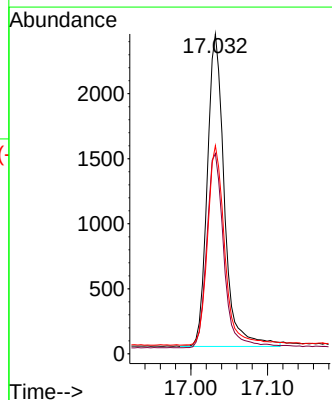
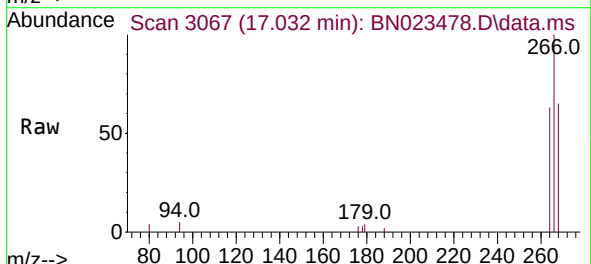
Instrument :
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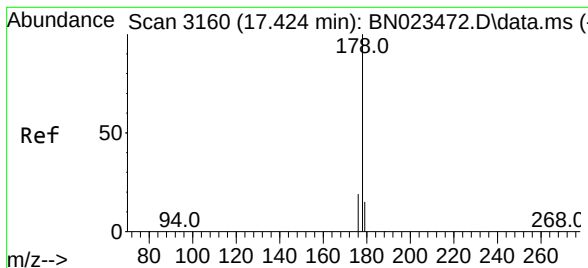
Tgt Ion:166 Resp: 15962
Ion Ratio Lower Upper
166 100
165 96.3 79.1 118.7
167 13.6 11.0 16.4



#14
Pentachlorophenol
Concen: 0.617 ng/ul
RT: 17.032 min Scan# 3067
Delta R.T. -0.008 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion:266 Resp: 3718
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.6
268 64.2 51.4 77.0





#15

Phenanthrene

Concen: 0.377 ng/ul

RT: 17.420 min Scan# 31

Delta R.T. -0.008 min

Lab File: BN023478.D

Acq: 26 Dec 2022 10:04

Instrument :

BNA_N

ClientSampleId :

SLCS719

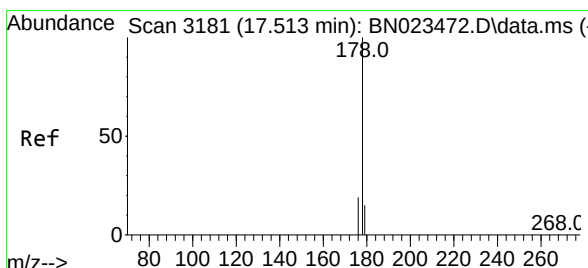
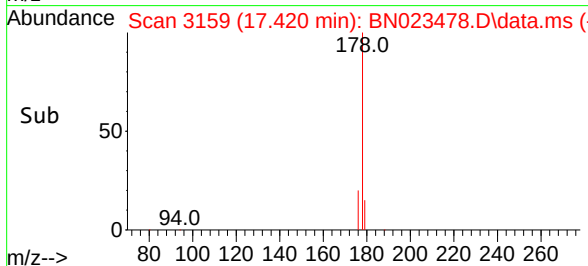
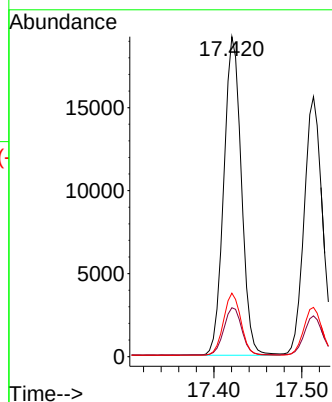
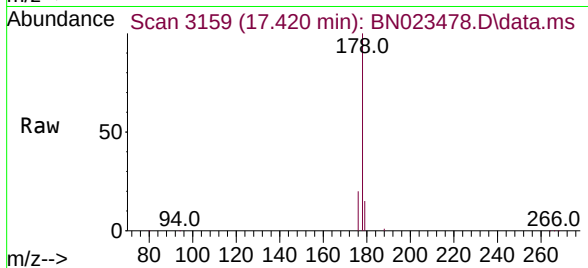
Tgt Ion:178 Resp: 26641

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.8 15.7 23.5



#16

Anthracene

Concen: 0.392 ng/ul

RT: 17.513 min Scan# 3181

Delta R.T. -0.008 min

Lab File: BN023478.D

Acq: 26 Dec 2022 10:04

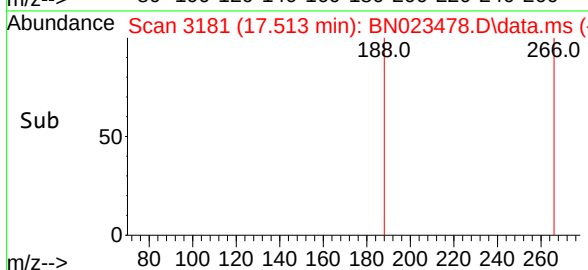
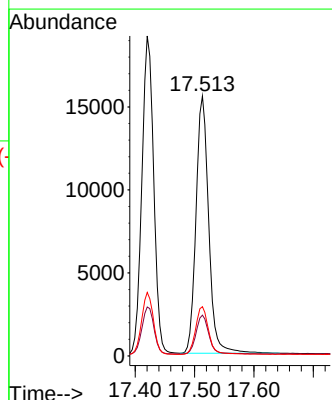
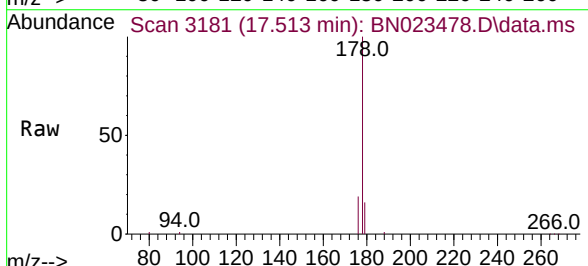
Tgt Ion:178 Resp: 22983

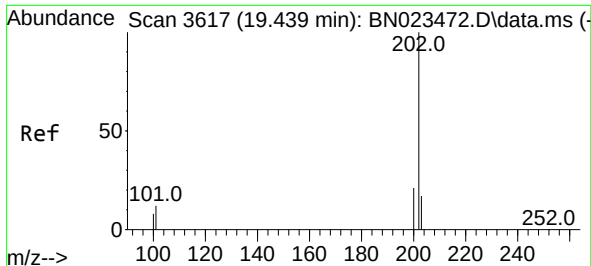
Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 18.9 15.4 23.0

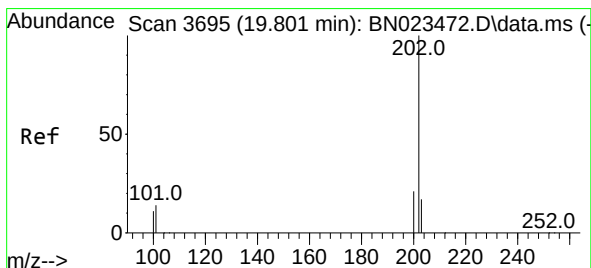
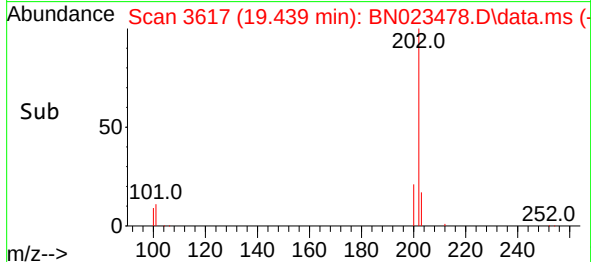
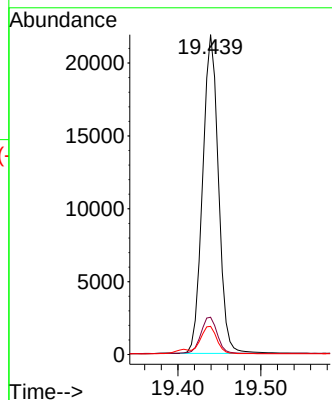
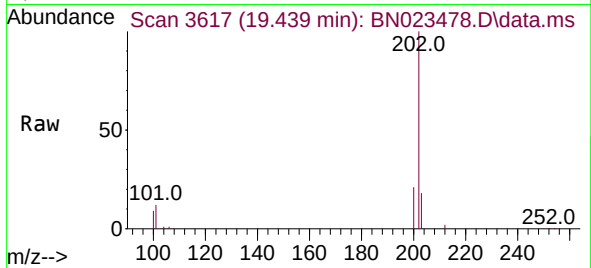




#19
Fluoranthene
Concen: 0.454 ng/ul
RT: 19.439 min Scan# 3617
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

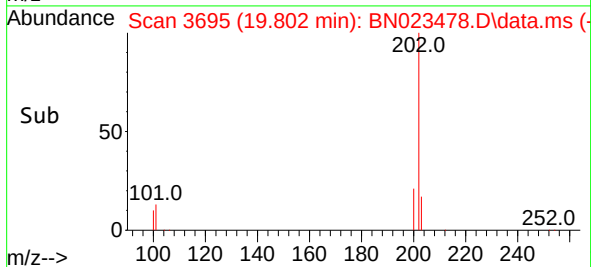
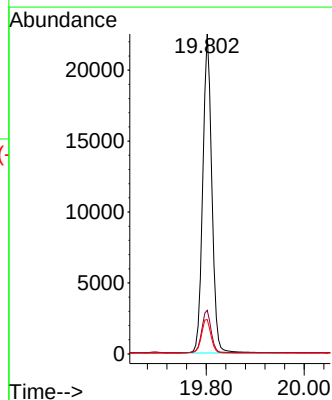
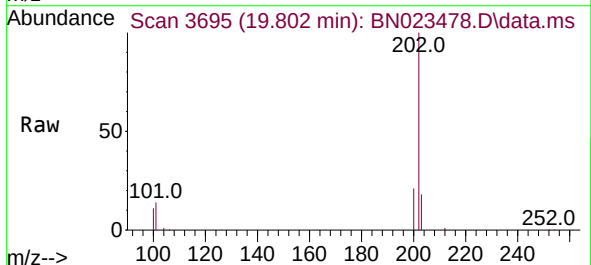
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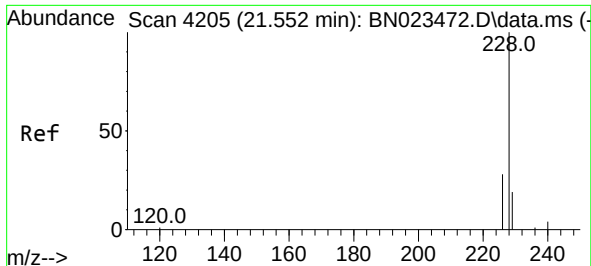
Tgt Ion:202 Resp: 28854
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 8.8 7.0 10.6



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.802 min Scan# 3695
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion:202 Resp: 28790
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.7 9.0 13.4

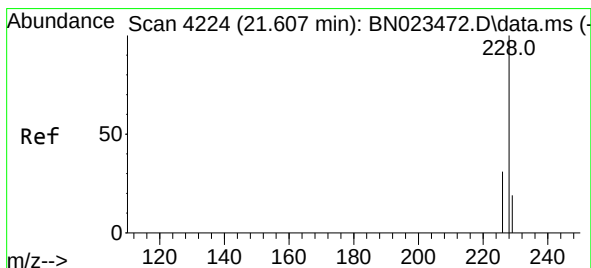
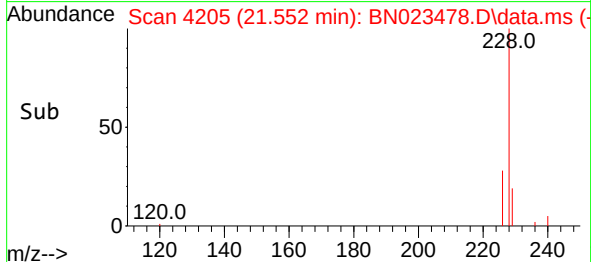
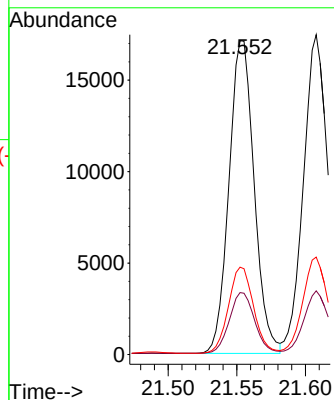
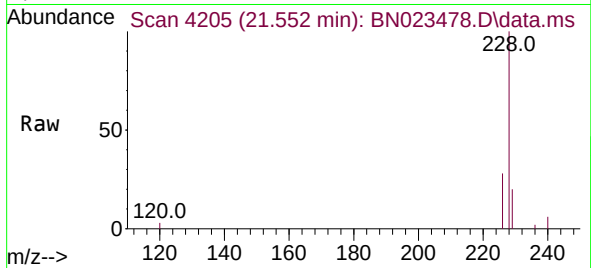




#21
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.552 min Scan# 4205
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

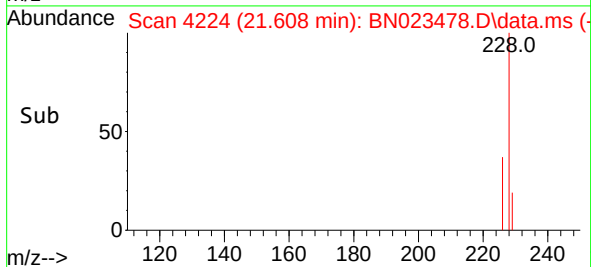
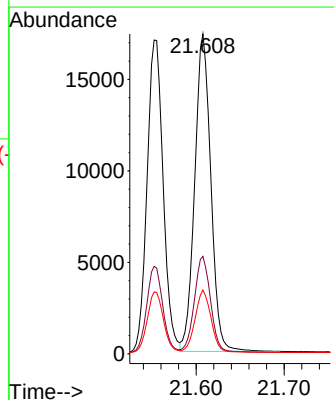
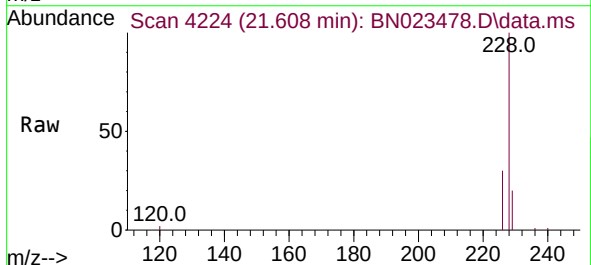
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BNA_N
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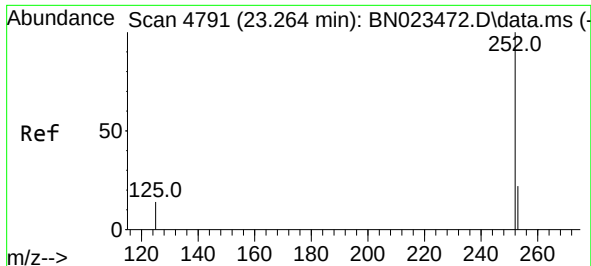
Tgt Ion:228 Resp: 21858
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.608 min Scan# 4224
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion:228 Resp: 21973
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 19.9 15.8 23.6

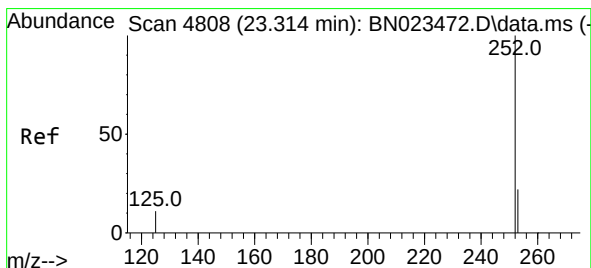
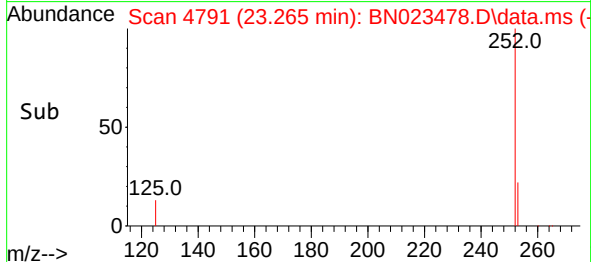
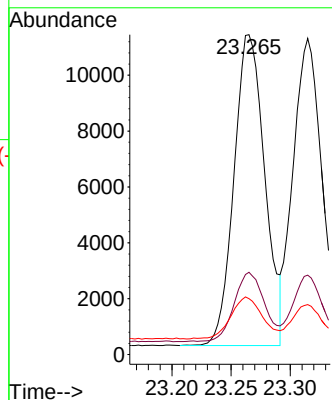
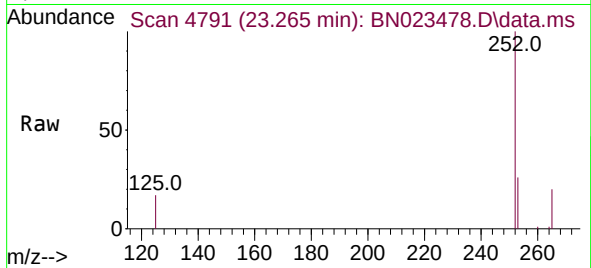




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.265 min Scan# 4791
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

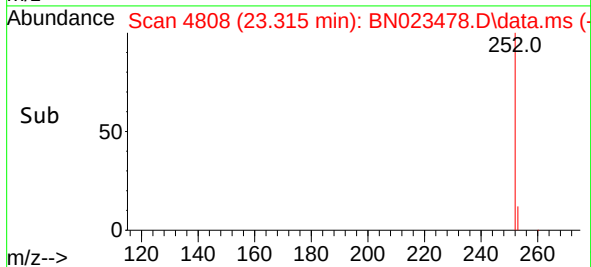
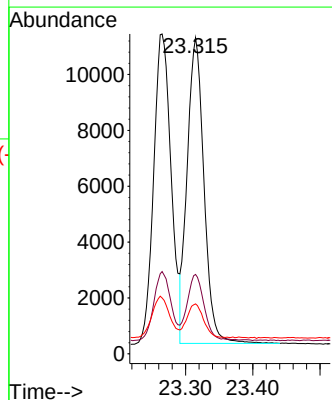
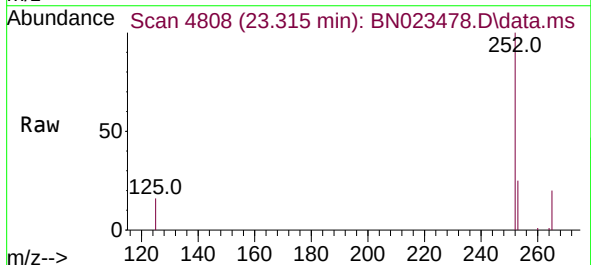
Instrument :
BNA_N
ClientSampleId :
SLCS719

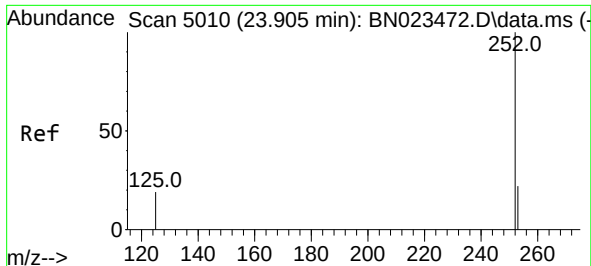
Tgt Ion:252 Resp: 20182
Ion Ratio Lower Upper
252 100
253 25.7 0.0 49.2
125 17.5 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.315 min Scan# 4808
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion:252 Resp: 18994
Ion Ratio Lower Upper
252 100
253 25.1 19.8 29.6
125 15.8 12.6 18.8

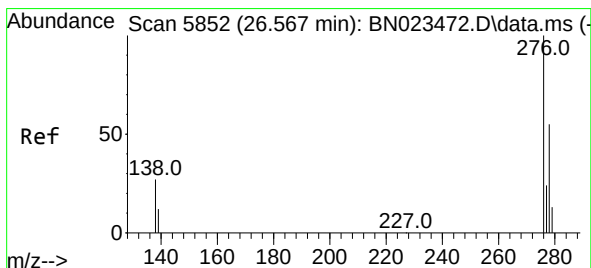
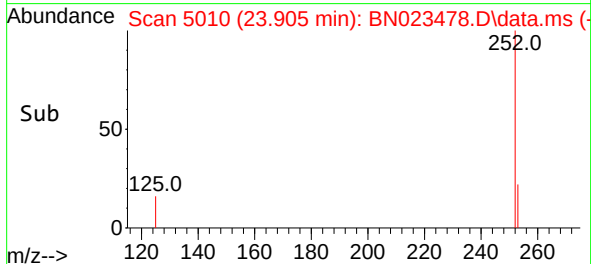
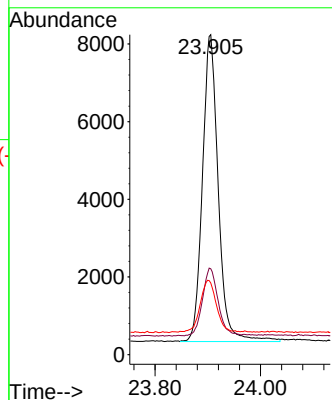
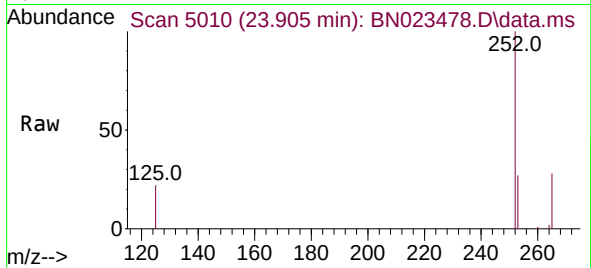




#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.905 min Scan# 5010
Delta R.T. -0.004 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

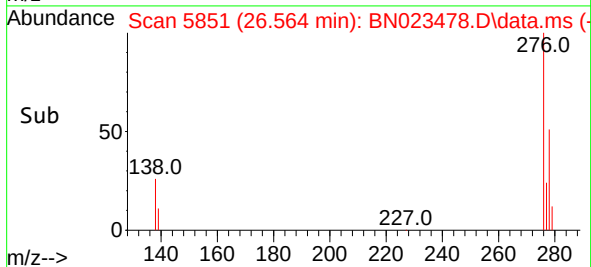
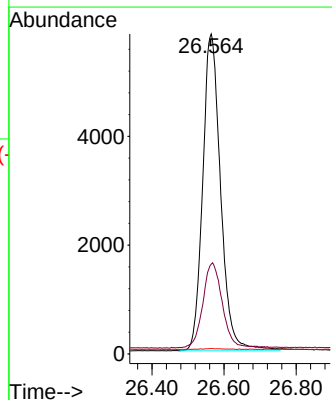
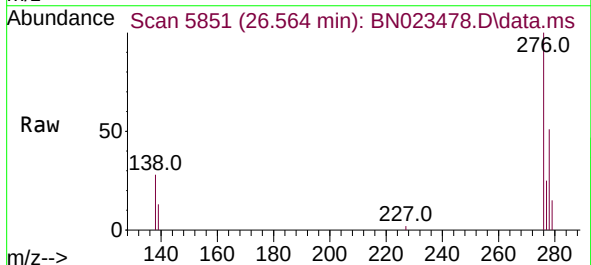
Instrument :
BNA_N
ClientSampleId :
SLCS719

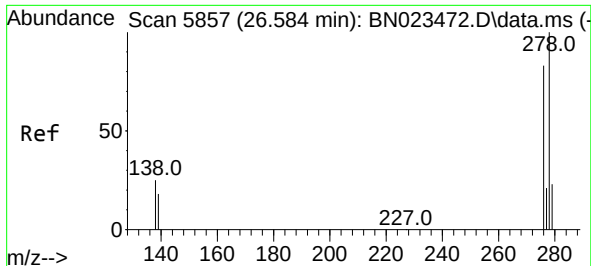
Tgt Ion:	252	Resp:	16410
Ion Ratio	Lower	Upper	
252	100		
253	26.9	21.4	32.2
125	22.4	16.2	24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 26.564 min Scan# 5851
Delta R.T. -0.011 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion:	276	Resp:	20139
Ion Ratio	Lower	Upper	
276	100		
138	28.9	23.4	35.2
227	0.3	0.0	0.0

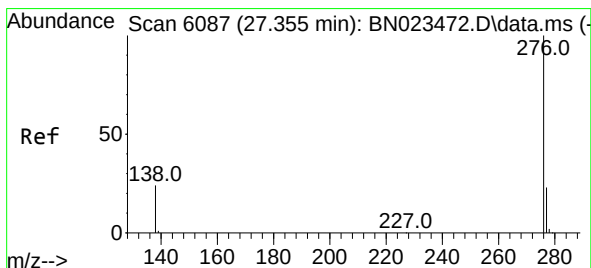
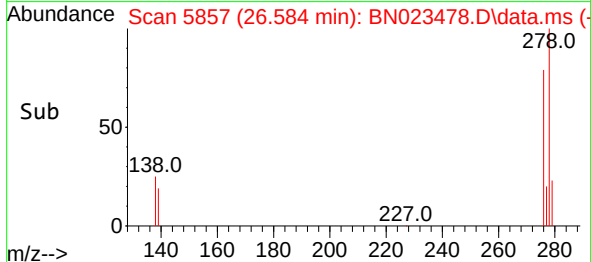
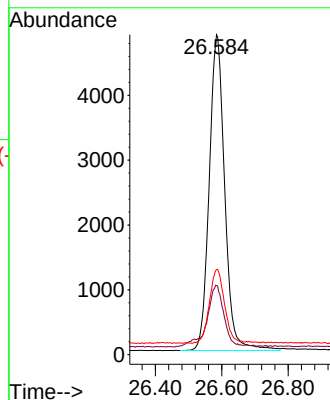
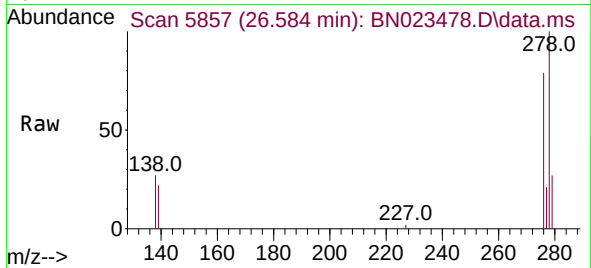




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. -0.014 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS719

Tgt Ion:278 Resp: 15879
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 26.6 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 27.349 min Scan# 6085
Delta R.T. -0.018 min
Lab File: BN023478.D
Acq: 26 Dec 2022 10:04

Tgt Ion:276 Resp: 16742
Ion Ratio Lower Upper
276 100
138 26.5 20.3 30.5
277 25.0 19.7 29.5

