

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023177.D
 Acq On : 13 Dec 2022 23:13
 Operator : CG/JU
 Sample : PB149499BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS499

Quant Time: Dec 14 00:00:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 23:52:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

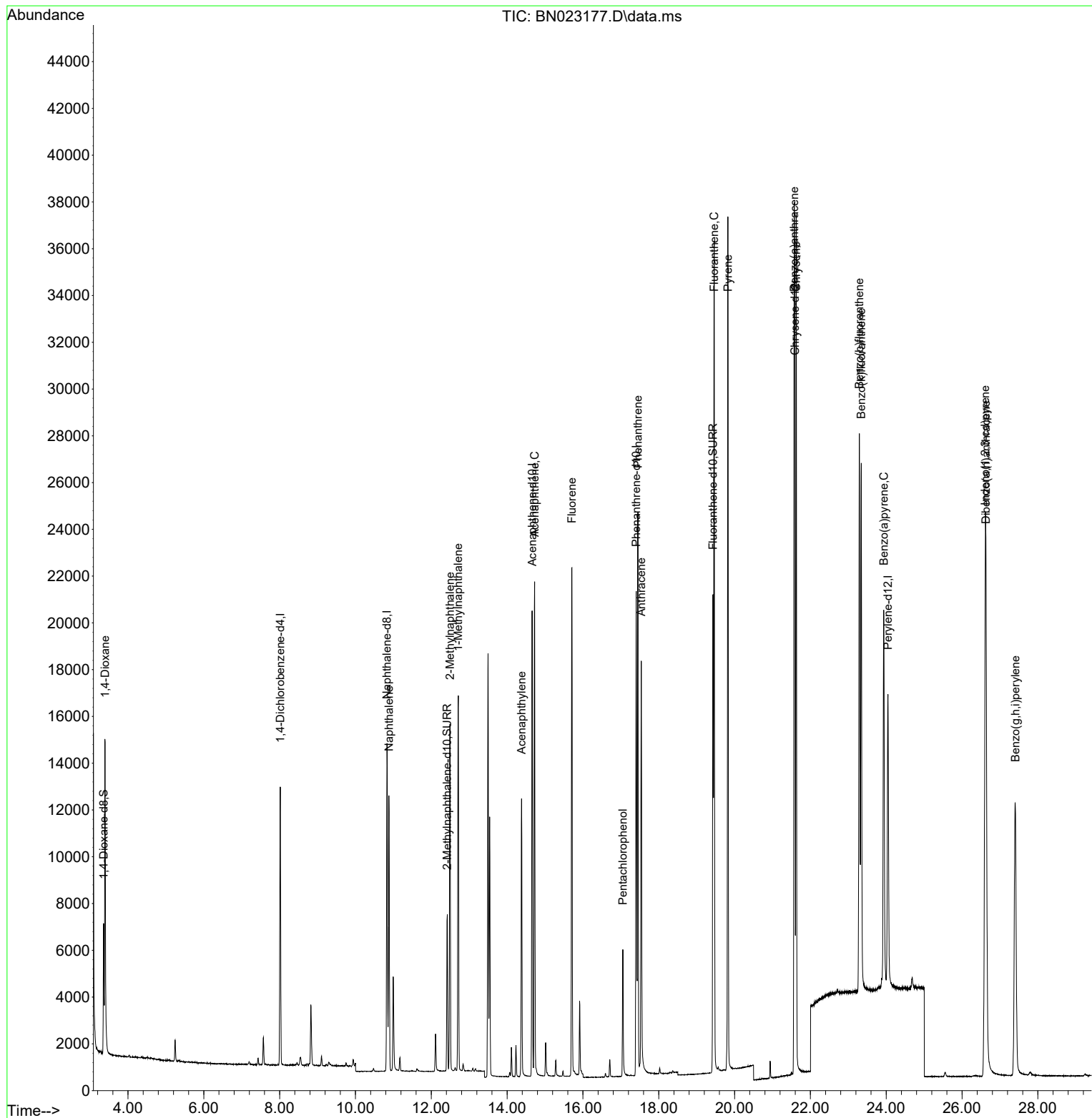
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	5846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	18169	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.659	164	10491	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	23929	0.400	ng/ul	0.00
17) Chrysene-d12	21.590	240	22449	0.400	ng/ul	0.00
23) Perylene-d12	24.045	264	17947	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	3744	0.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	8359	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.430	212	21340	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	9834	1.344	ng/ul	94
5) Naphthalene	10.881	128	15773	0.286	ng/ul	100
7) 2-Methylnaphthalene	12.493	142	10039	0.291	ng/ul	99
8) 1-Methylnaphthalene	12.713	142	10818	0.309	ng/ul	100
10) Acenaphthylene	14.382	152	13380	0.259	ng/ul	99
11) Acenaphthene	14.724	153	11776	0.288	ng/ul	98
12) Fluorene	15.709	166	13920	0.300	ng/ul	99
14) Pentachlorophenol	17.052	266	3678	0.735	ng/ul#	100
15) Phenanthrene	17.449	178	25190	0.307	ng/ul	99
16) Anthracene	17.538	178	20306	0.288	ng/ul	100
19) Fluoranthene	19.462	202	29686	0.256	ng/ul	100
20) Pyrene	19.825	202	30049	0.264	ng/ul	99
21) Benzo(a)anthracene	21.572	228	28676	0.334	ng/ul	100
22) Chrysene	21.625	228	31505	0.335	ng/ul	99
24) Benzo(b)fluoranthene	23.291	252	31583	0.347	ng/ul	96
25) Benzo(k)fluoranthene	23.340	252	30067	0.313	ng/ul	98
26) Benzo(a)pyrene	23.934	252	25476	0.368	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.614	276	32944	0.400	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.631	278	26000	0.398	ng/ul	99
29) Benzo(g,h,i)perylene	27.405	276	26853	0.374	ng/ul	99

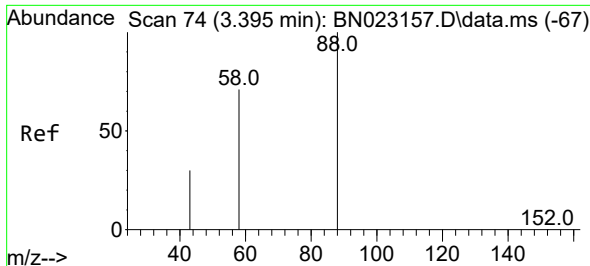
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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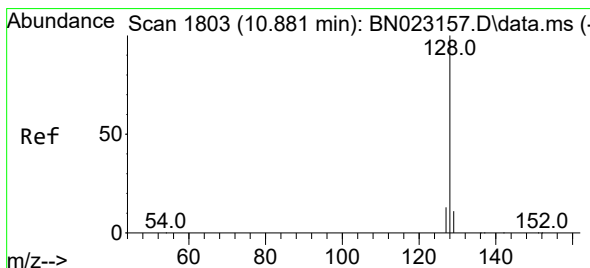
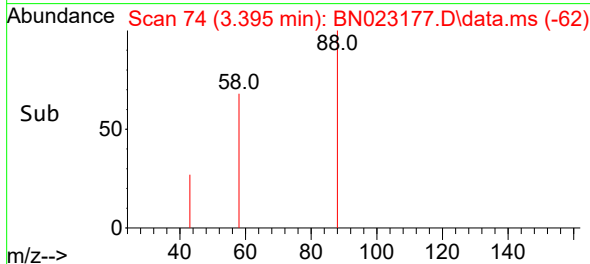
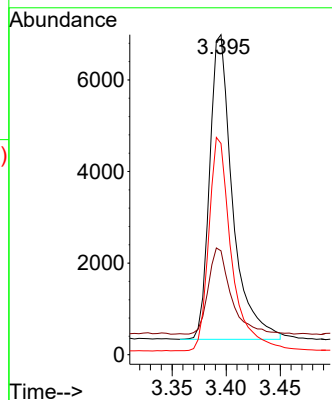
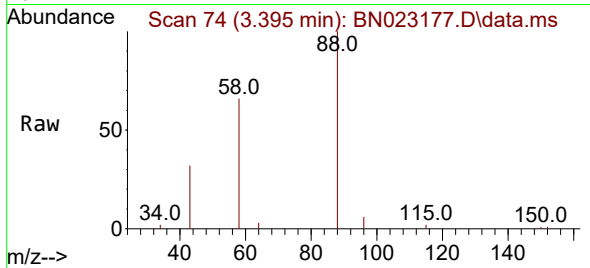




#2
1,4-Dioxane
Concen: 1.344 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

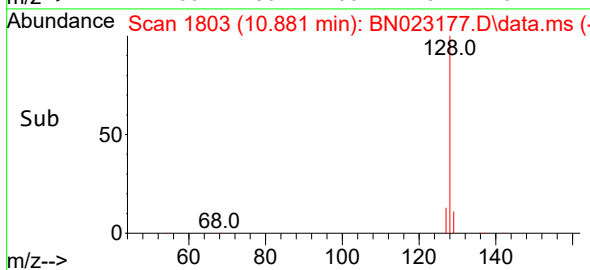
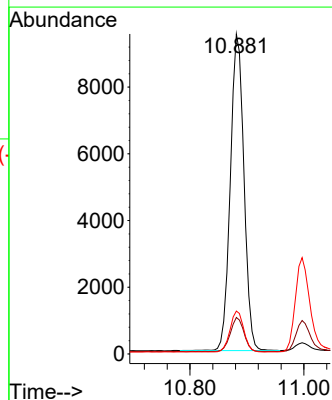
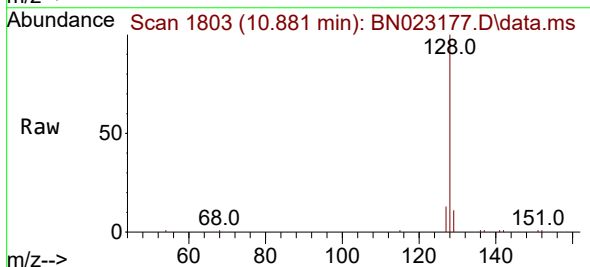
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BNA_N
ClientSampleId :
SLCS499

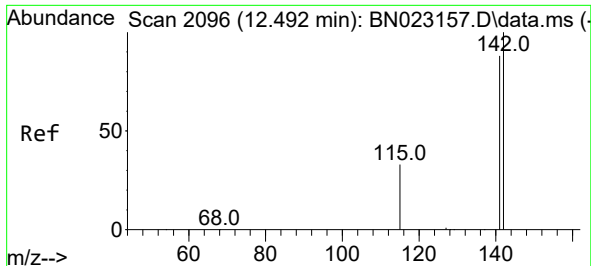
Tgt Ion: 88 Resp: 9834
Ion Ratio Lower Upper
88 100
43 32.5 26.2 39.4
58 66.0 47.6 71.4



#5
Naphthalene
Concen: 0.286 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Tgt Ion: 128 Resp: 15773
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.6 16.0

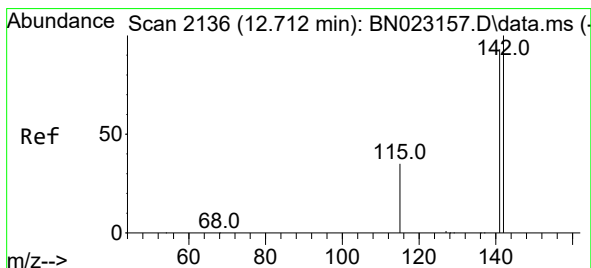
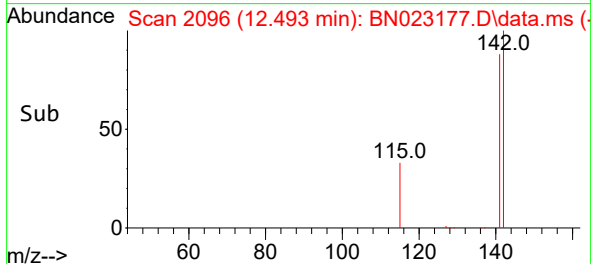
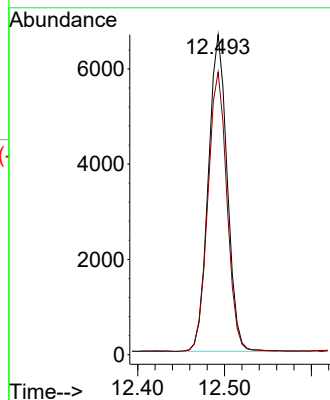
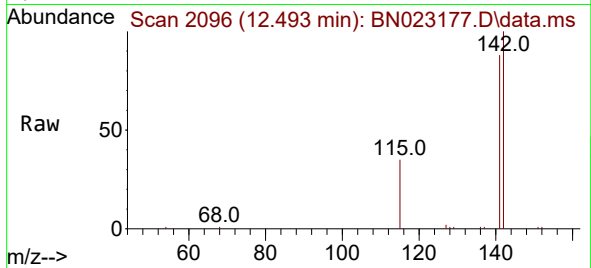




#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.493 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

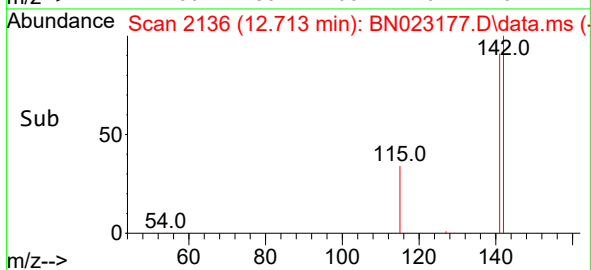
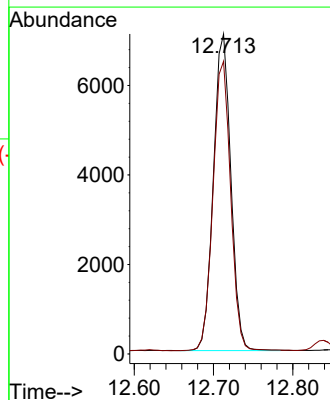
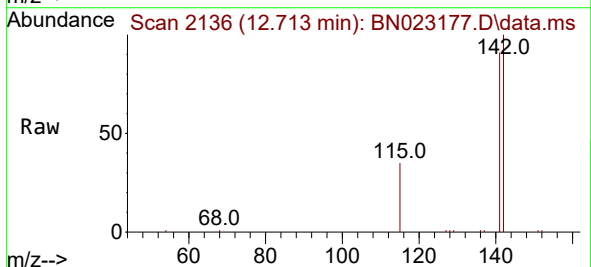
Instrument :
BNA_N
ClientSampleId :
SLCS499

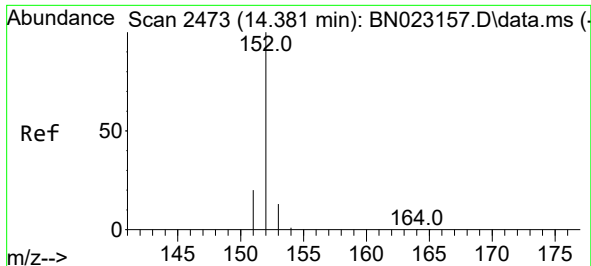
Tgt Ion:142 Resp: 10039
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.713 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Tgt Ion:142 Resp: 10818
Ion Ratio Lower Upper
142 100
141 92.4 73.8 110.6

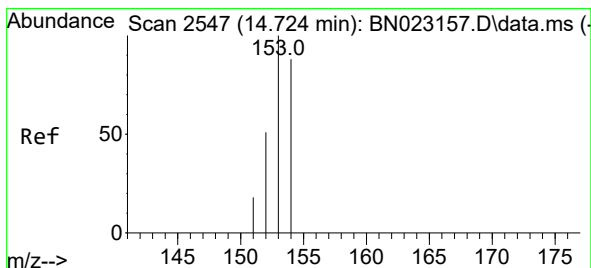
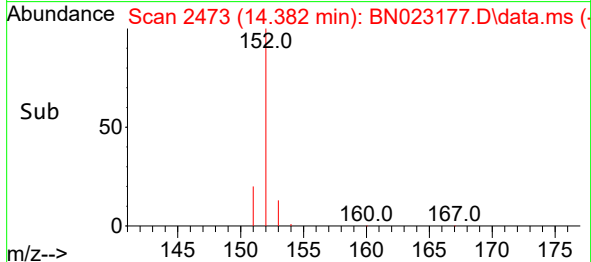
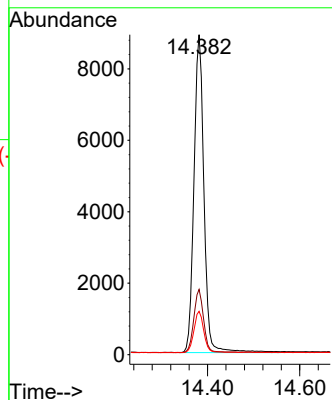
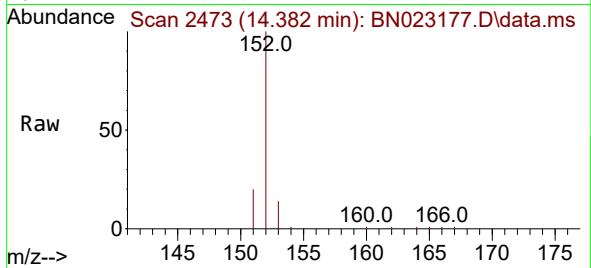




#10
Acenaphthylene
Concen: 0.259 ng/ul
RT: 14.382 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

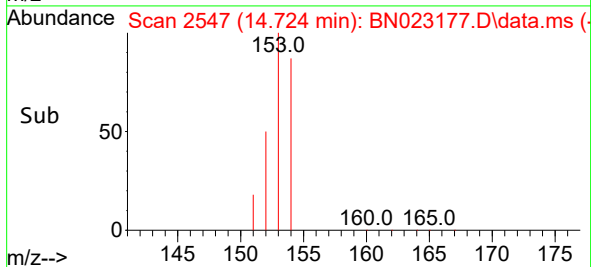
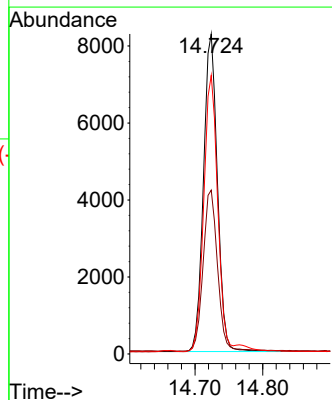
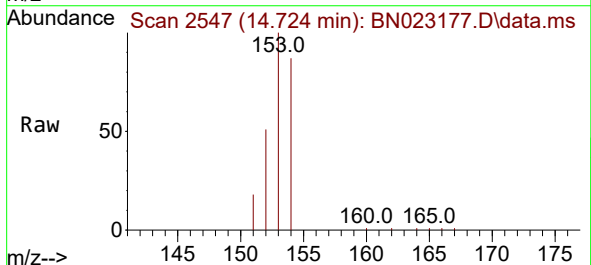
Instrument :
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ClientSampleId :
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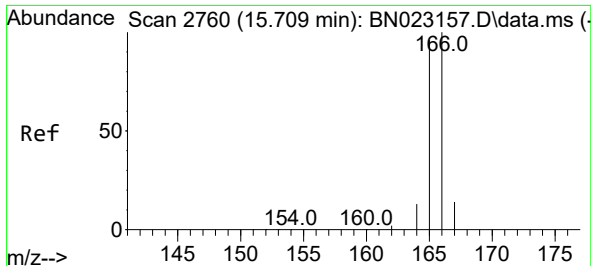
Tgt Ion:152 Resp: 13380
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.5 10.5 15.7



#11
Acenaphthene
Concen: 0.288 ng/ul
RT: 14.724 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Tgt Ion:153 Resp: 11776
Ion Ratio Lower Upper
153 100
152 51.2 41.8 62.8
154 87.0 71.3 106.9

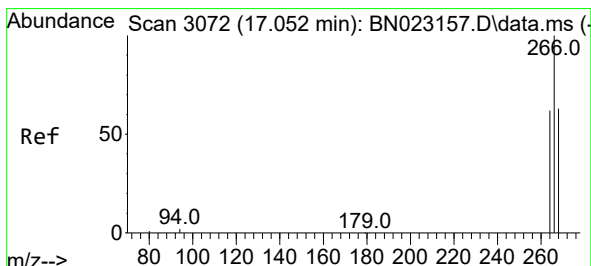
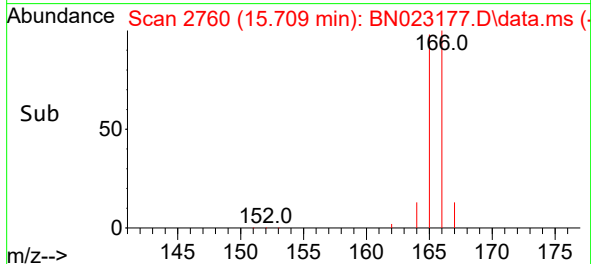
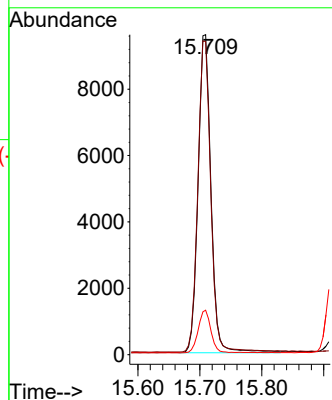
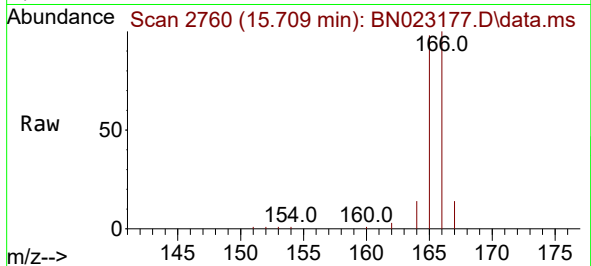




#12
 Fluorene
 Concen: 0.300 ng/ul
 RT: 15.709 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN023177.D
 Acq: 13 Dec 2022 23:13

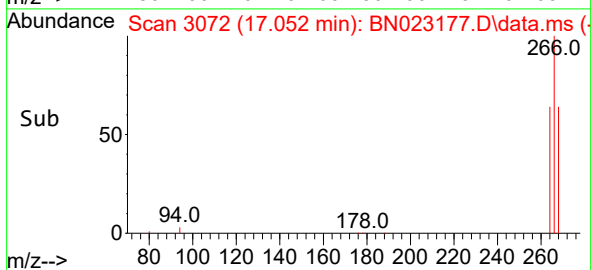
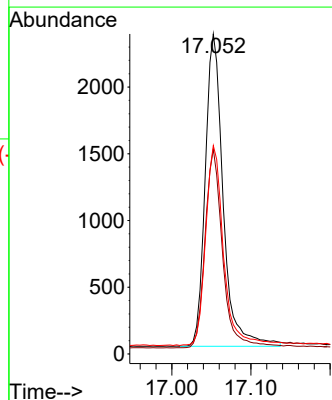
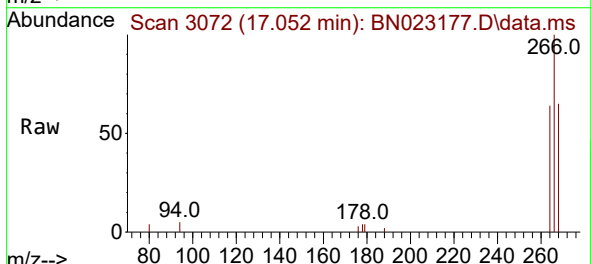
Instrument :
 BNA_N
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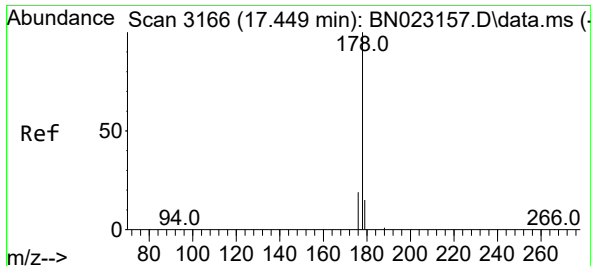
Tgt Ion:166 Resp: 13920
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.7 118.1
 167 13.9 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.735 ng/ul
 RT: 17.052 min Scan# 3072
 Delta R.T. 0.000 min
 Lab File: BN023177.D
 Acq: 13 Dec 2022 23:13

Tgt Ion:266 Resp: 3678
 Ion Ratio Lower Upper
 266 100
 264 62.4 0.0 0.0#
 268 64.1 0.0 0.0#

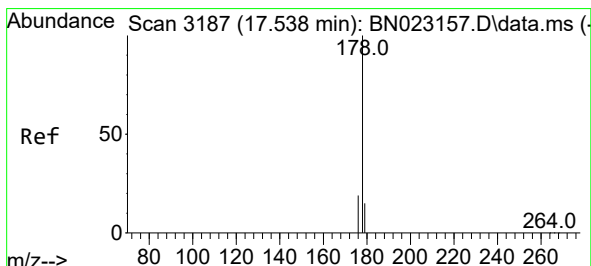
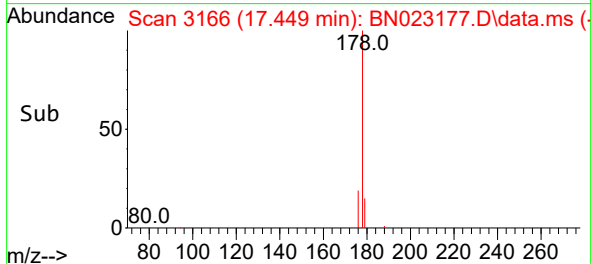
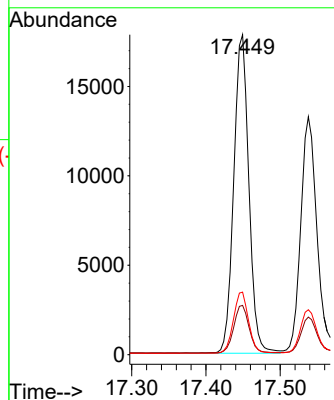
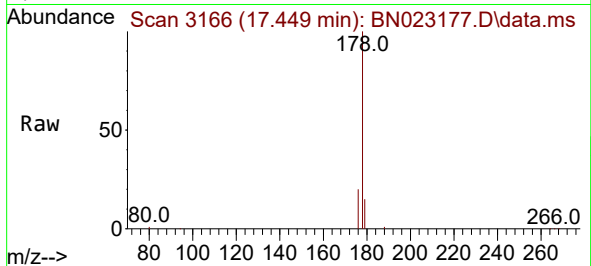




#15
Phenanthrene
Concen: 0.307 ng/ul
RT: 17.449 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

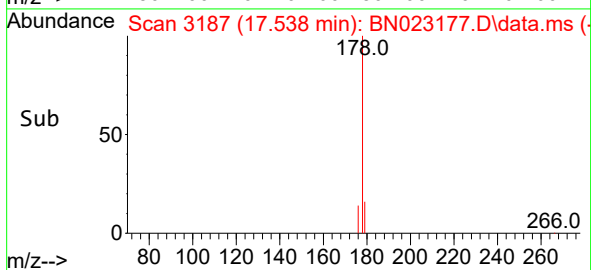
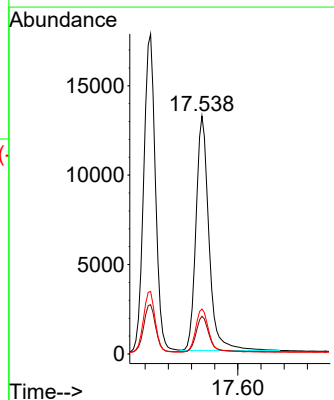
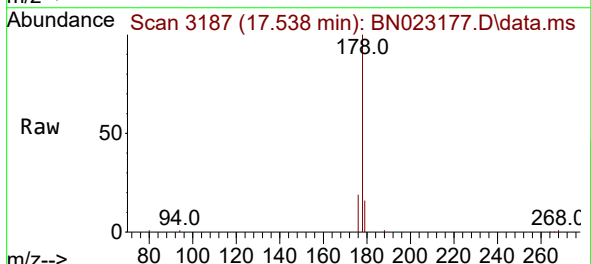
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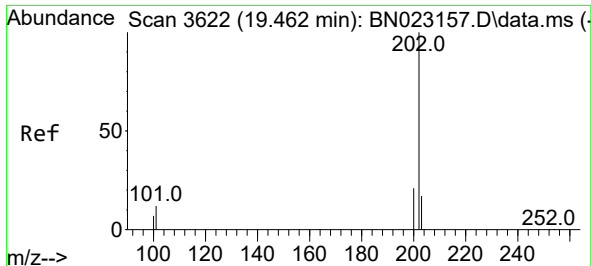
Tgt Ion:178 Resp: 25190
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.5 15.9 23.9



#16
Anthracene
Concen: 0.288 ng/ul
RT: 17.538 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Tgt Ion:178 Resp: 20306
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.9 15.3 22.9

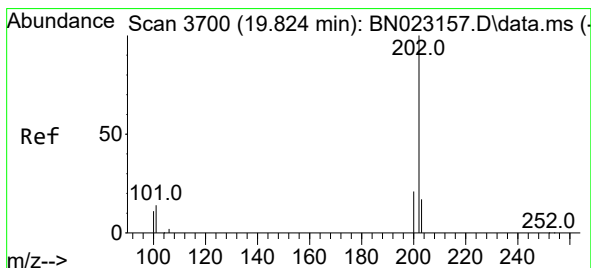
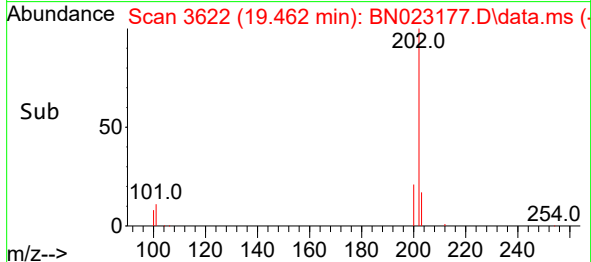
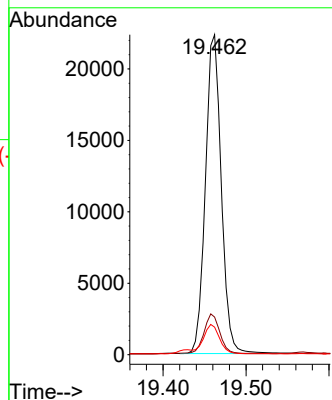
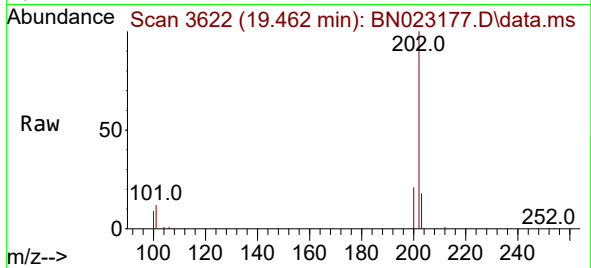




#19
Fluoranthene
Concen: 0.256 ng/ul
RT: 19.462 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

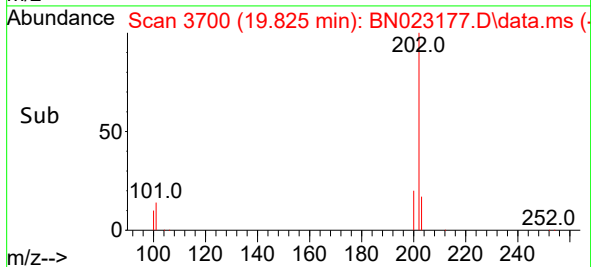
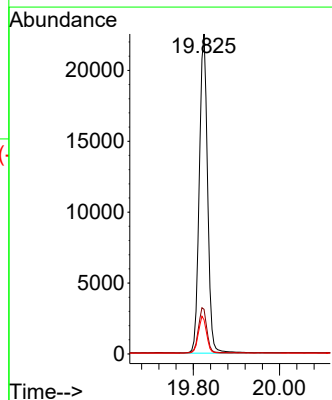
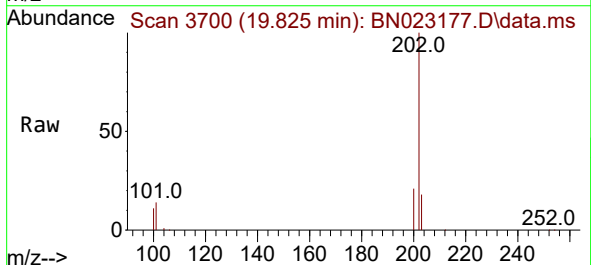
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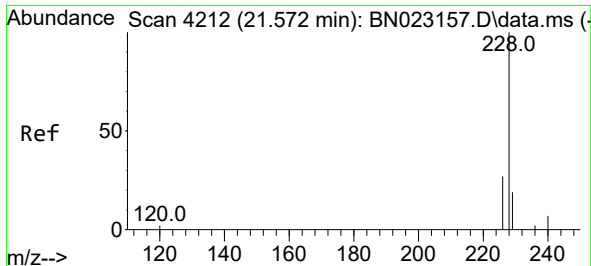
Tgt Ion:202 Resp: 29686
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 8.6 6.9 10.3



#20
Pyrene
Concen: 0.264 ng/ul
RT: 19.825 min Scan# 3700
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Tgt Ion:202 Resp: 30049
Ion Ratio Lower Upper
202 100
101 13.9 10.6 16.0
100 10.6 8.2 12.4

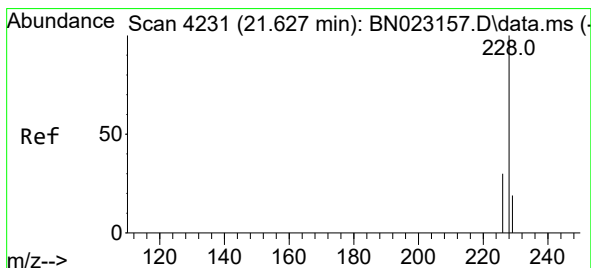
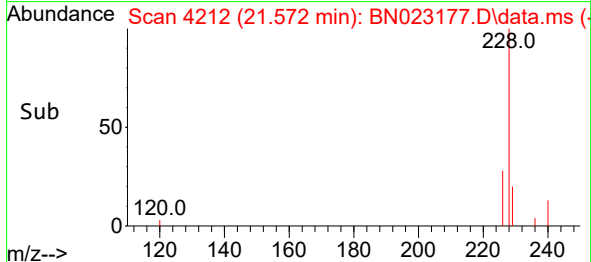
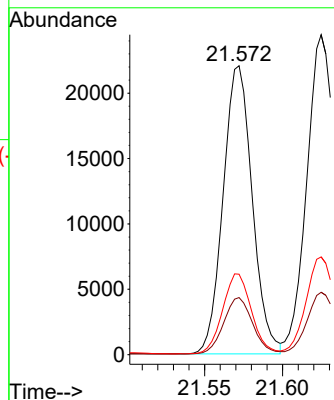
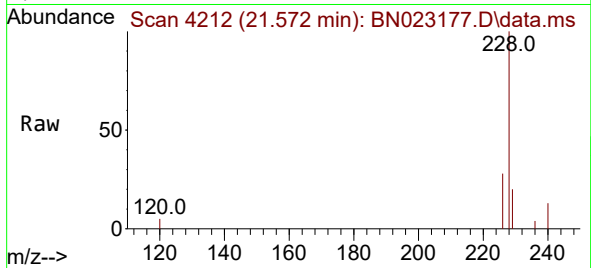




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.572 min Scan# 4212
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

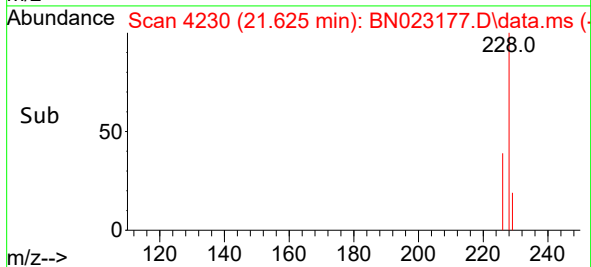
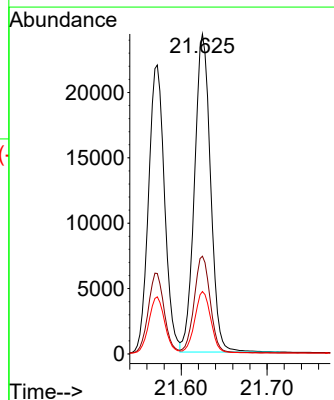
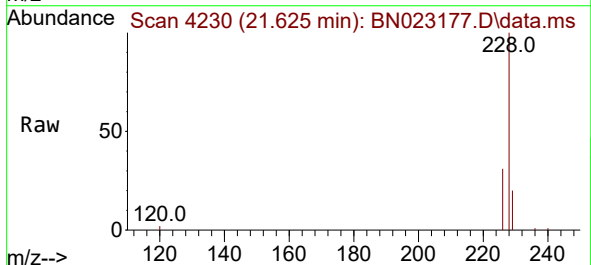
Instrument :
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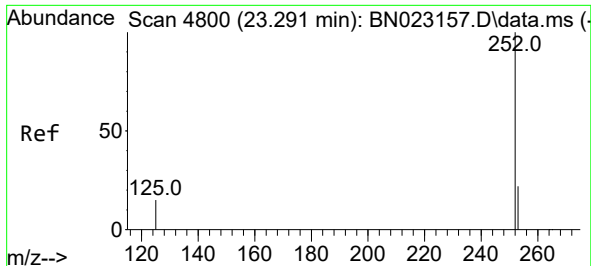
Tgt Ion:228 Resp: 28676
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.9 22.2 33.4



#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.625 min Scan# 4230
Delta R.T. -0.003 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Tgt Ion:228 Resp: 31505
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.5 15.8 23.8

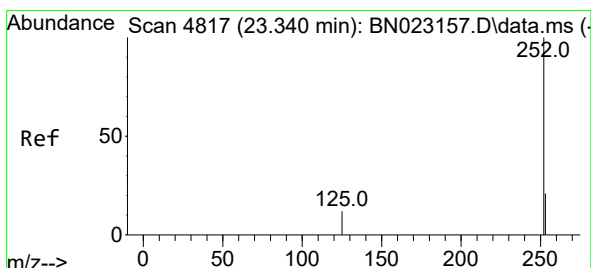
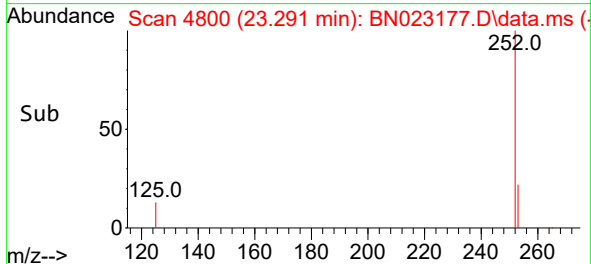
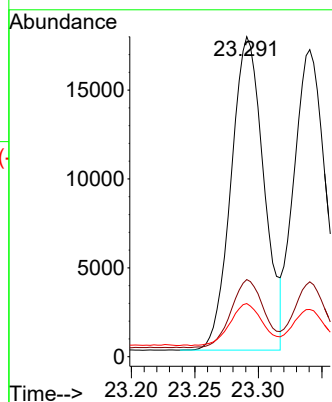
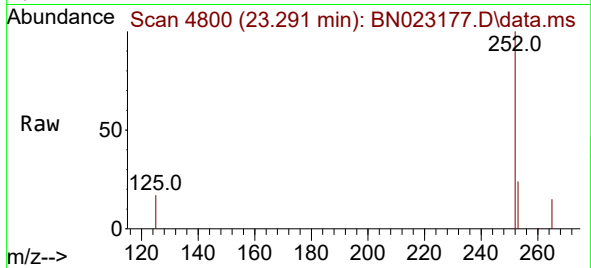




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.291 min Scan# 4800
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

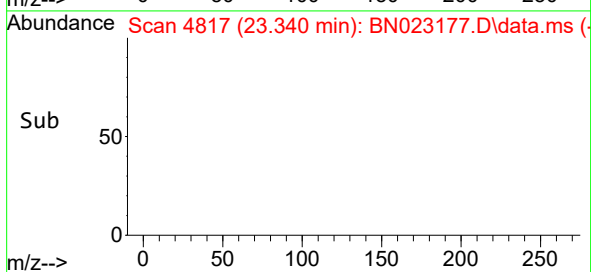
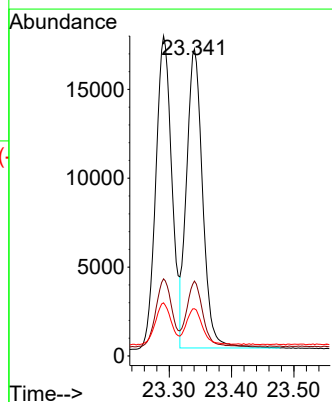
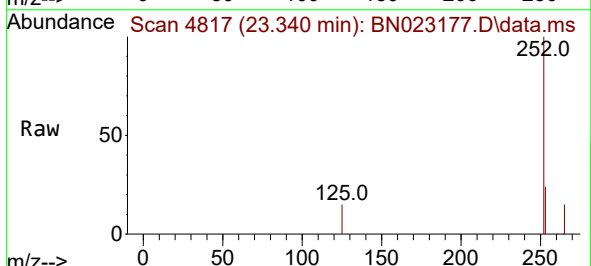
Instrument :
BNA_N
ClientSampleId :
SLCS499

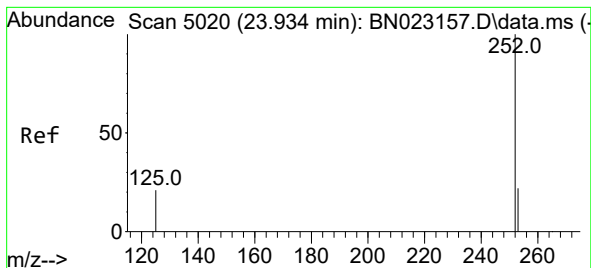
Tgt Ion:252 Resp: 31583
Ion Ratio Lower Upper
252 100
253 24.1 0.0 46.0
125 16.6 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 23.340 min Scan# 4817
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Tgt Ion:252 Resp: 30067
Ion Ratio Lower Upper
252 100
253 24.4 18.7 28.1
125 15.4 11.3 16.9





#26

Benzo(a)pyrene

Concen: 0.368 ng/ul

RT: 23.934 min Scan# 5020

Delta R.T. 0.000 min

Lab File: BN023177.D

Acq: 13 Dec 2022 23:13

Instrument :

BNA_N

ClientSampleId :

SLCS499

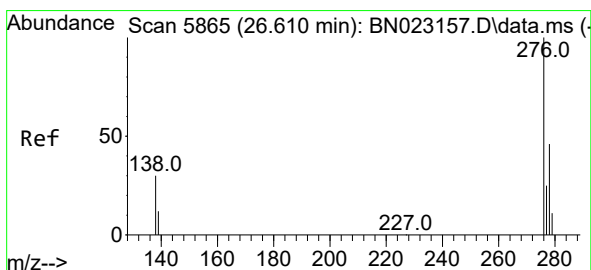
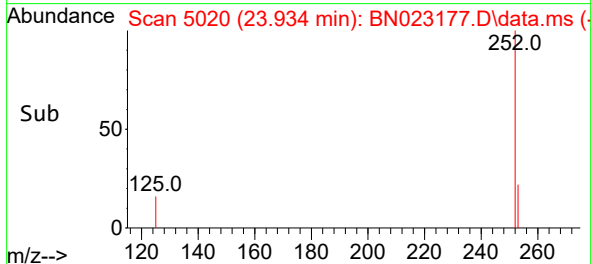
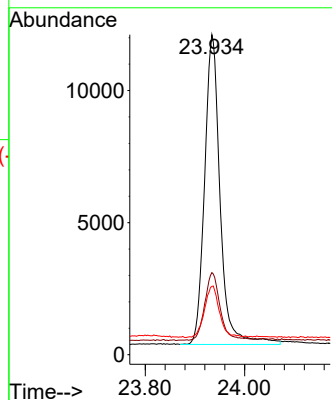
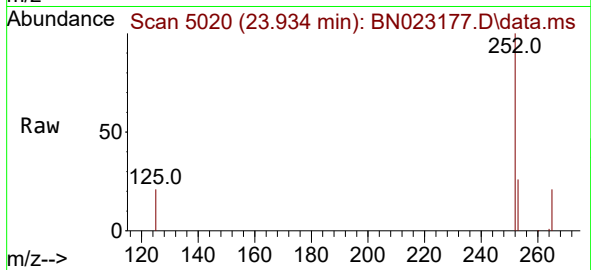
Tgt Ion:252 Resp: 25476

Ion Ratio Lower Upper

252 100

253 25.6 19.7 29.5

125 21.4 13.7 20.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.400 ng/ul

RT: 26.614 min Scan# 5866

Delta R.T. 0.004 min

Lab File: BN023177.D

Acq: 13 Dec 2022 23:13

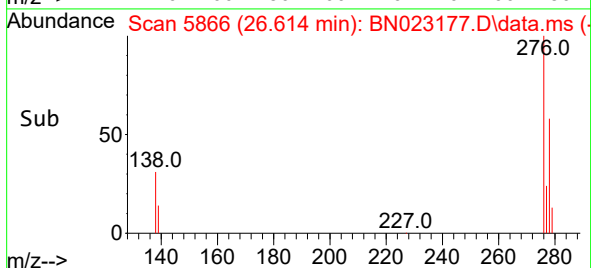
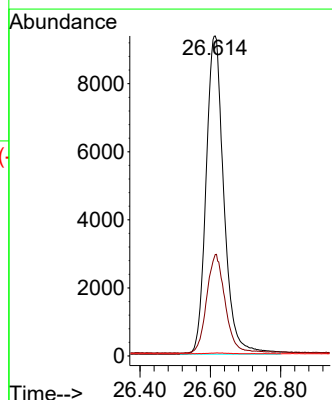
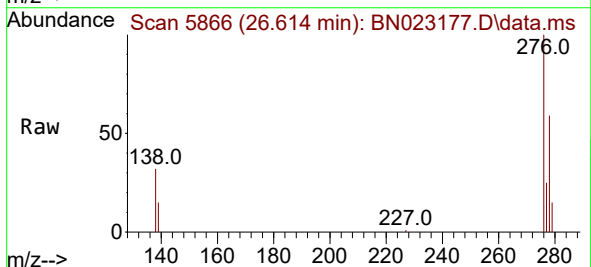
Tgt Ion:276 Resp: 32944

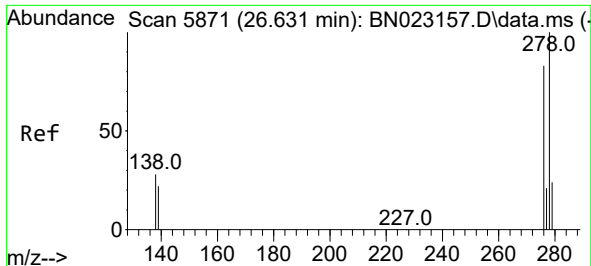
Ion Ratio Lower Upper

276 100

138 32.3 0.0 0.0#

227 0.3 0.0 0.0#

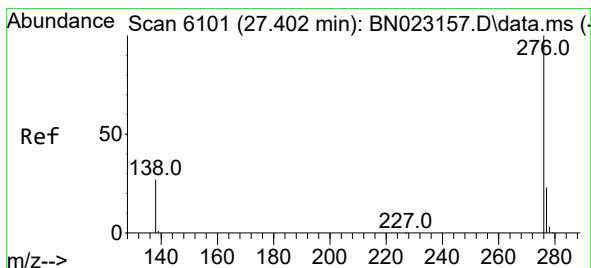
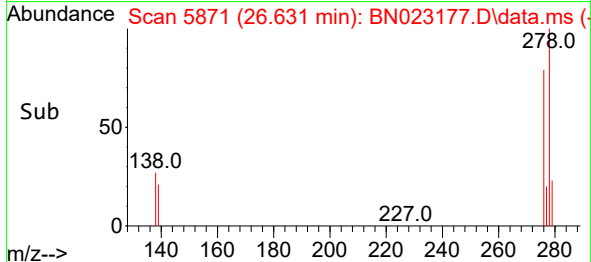
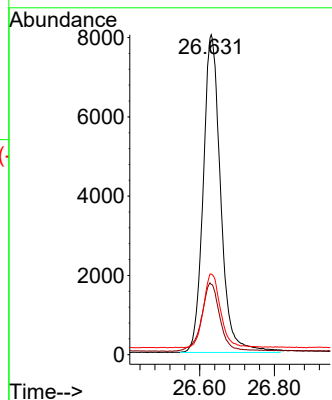
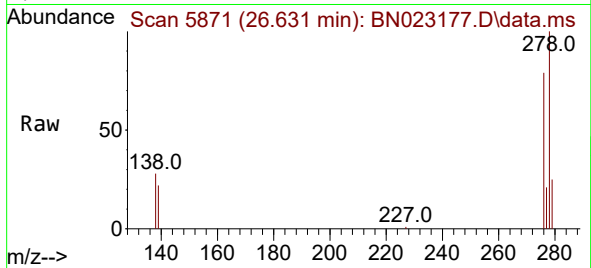




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.631 min Scan# 5871
Delta R.T. 0.000 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Instrument :
BNA_N
ClientSampleId :
SLCS499

Tgt Ion:278 Resp: 26000
Ion Ratio Lower Upper
278 100
139 21.9 18.3 27.5
279 25.2 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 27.405 min Scan# 6102
Delta R.T. 0.004 min
Lab File: BN023177.D
Acq: 13 Dec 2022 23:13

Tgt Ion:276 Resp: 26853
Ion Ratio Lower Upper
276 100
138 28.0 22.1 33.1
277 23.8 19.4 29.2

