

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042923\
 Data File : BN025199.D
 Acq On : 28 Apr 2023 19:47
 Operator : CG/JU
 Sample : PB152454BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS454

Quant Time: May 01 02:09:35 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

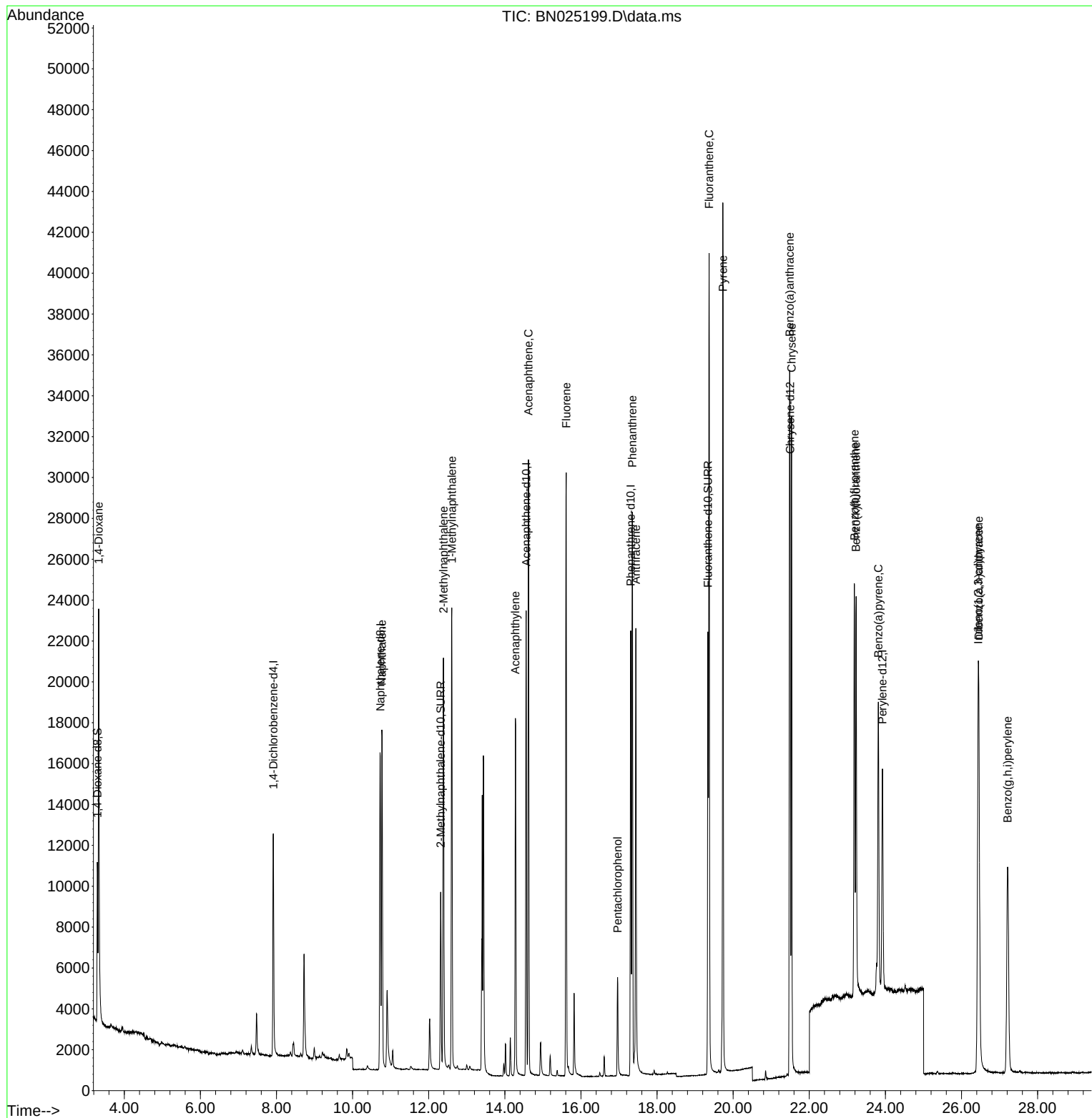
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	6293	0.400	ng/u1	0.00
4) Naphthalene-d8	10.726	136	21422	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.561	164	12678	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.309	188	26067	0.400	ng/u1	0.00
17) Chrysene-d12	21.496	240	18593	0.400	ng/u1	0.00
23) Perylene-d12	23.922	264	16223	0.400	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	4785	0.734	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.315	152	11818	0.430	ng/u1	0.00
18) Fluoranthene-d10	19.335	212	24356	0.497	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.326	88	12762	1.819	ng/u1	91
5) Naphthalene	10.770	128	23599	0.430	ng/u1	100
7) 2-Methylnaphthalene	12.387	142	15029	0.447	ng/u1	100
8) 1-Methylnaphthalene	12.607	142	15980	0.446	ng/u1	100
10) Acenaphthylene	14.279	152	20865	0.442	ng/u1	99
11) Acenaphthene	14.621	153	17196	0.432	ng/u1	99
12) Fluorene	15.611	166	19232	0.432	ng/u1	99
14) Pentachlorophenol	16.963	266	3629	0.709	ng/u1	99
15) Phenanthrene	17.351	178	30260	0.411	ng/u1	99
16) Anthracene	17.444	178	25855	0.430	ng/u1	100
19) Fluoranthene	19.367	202	34550	0.514	ng/u1	100
20) Pyrene	19.730	202	35213	0.510	ng/u1	100
21) Benzo(a)anthracene	21.482	228	26940	0.481	ng/u1	99
22) Chrysene	21.534	228	28381	0.464	ng/u1	99
24) Benzo(b)fluoranthene	23.186	252	26202	0.398	ng/u1	100
25) Benzo(k)fluoranthene	23.229	252	26051	0.411	ng/u1	99
26) Benzo(a)pyrene	23.814	252	22167	0.407	ng/u1	100
27) Indeno(1,2,3-cd)pyrene	26.436	276	27954	0.446	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.453	278	22082	0.451	ng/u1	98
29) Benzo(g,h,i)perylene	27.211	276	23662	0.444	ng/u1	99

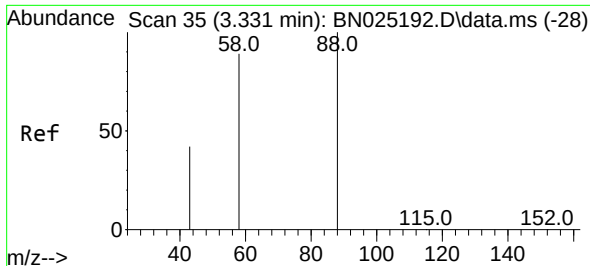
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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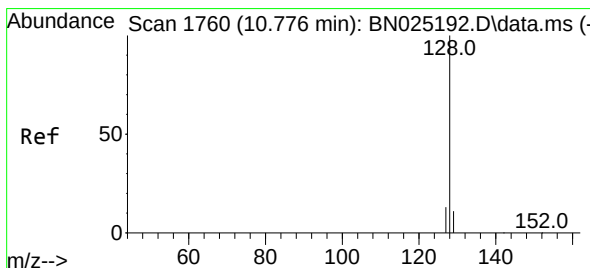
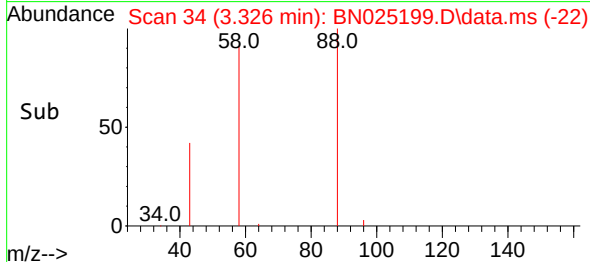
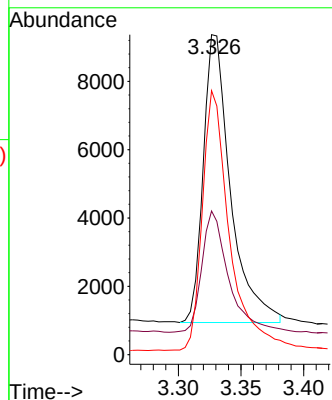
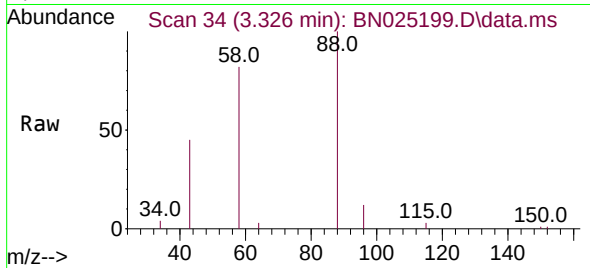




#2
1,4-Dioxane
Concen: 1.819 ng/ul
RT: 3.326 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

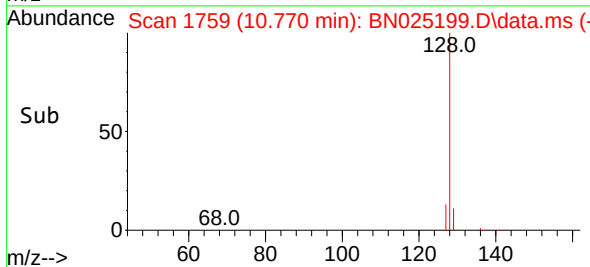
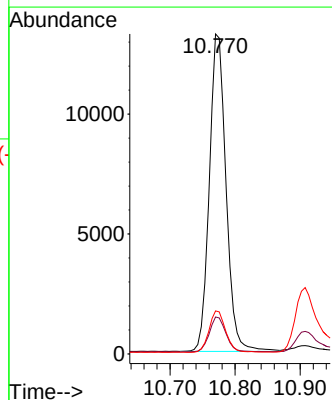
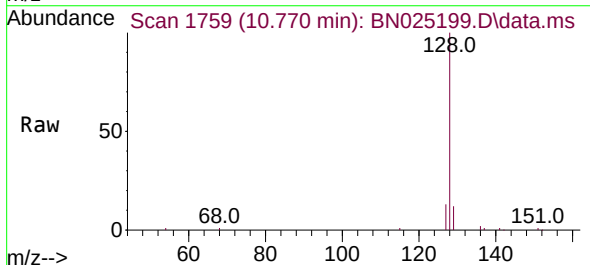
Instrument :
BNA_N
ClientSampleId :
SLCS454

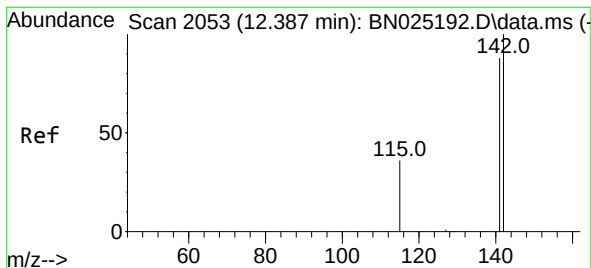
Tgt Ion: 88 Resp: 12762
Ion Ratio Lower Upper
88 100
43 44.9 37.0 55.4
58 82.5 56.9 85.3



#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.004 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

Tgt Ion: 128 Resp: 23599
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.4 10.7 16.1

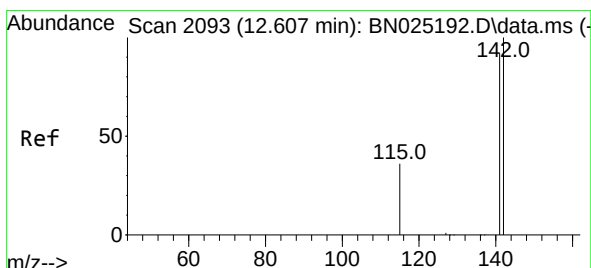
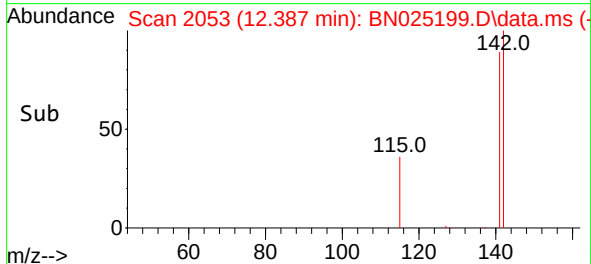
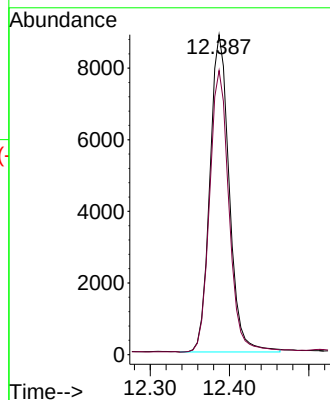
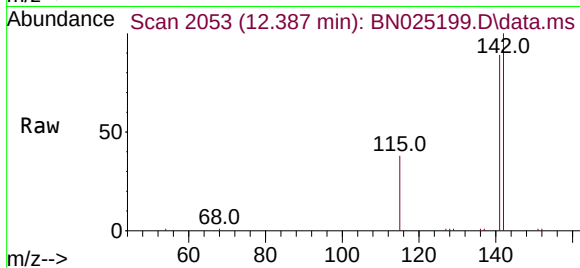




#7
2-Methylnaphthalene
Concen: 0.447 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.001 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

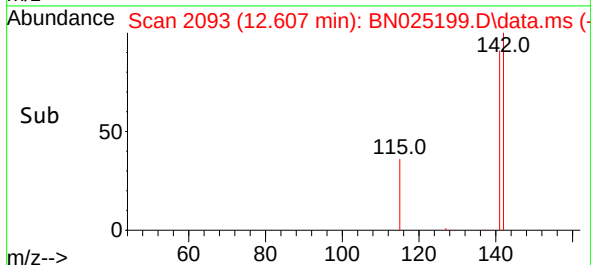
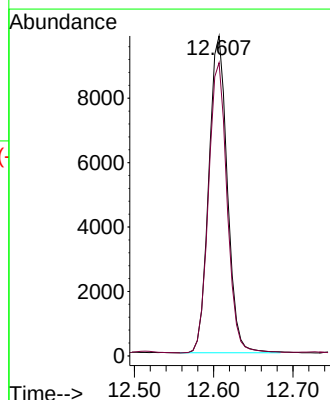
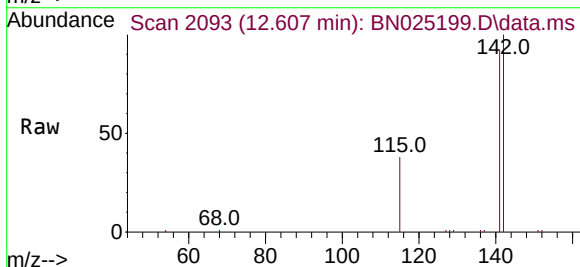
Instrument :
BNA_N
ClientSampleId :
SLCS454

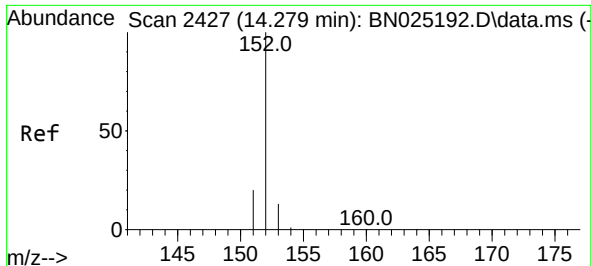
Tgt Ion:142 Resp: 15029
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

Tgt Ion:142 Resp: 15980
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6

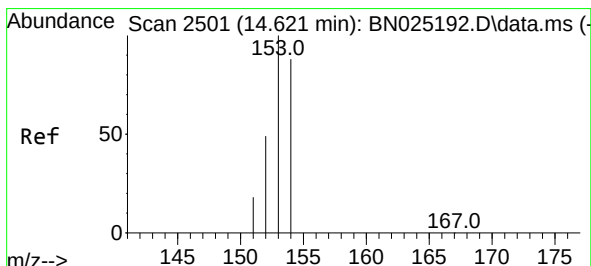
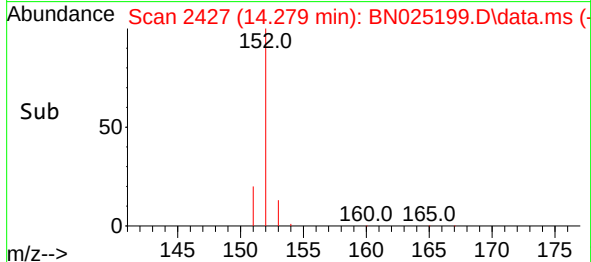
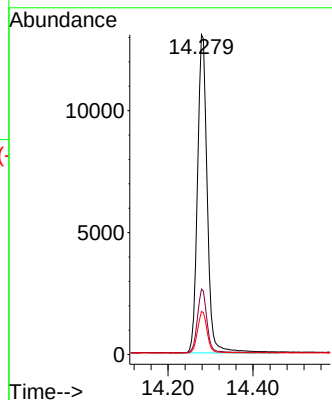
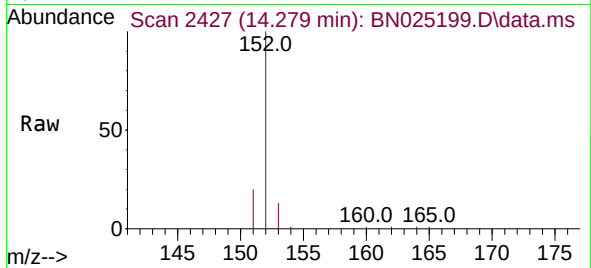




#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

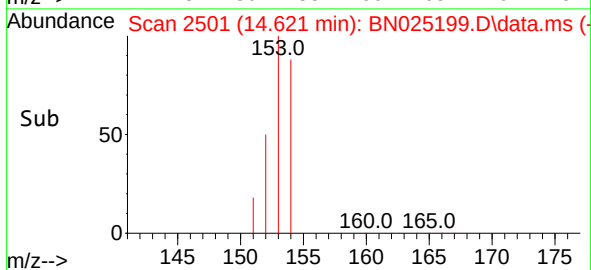
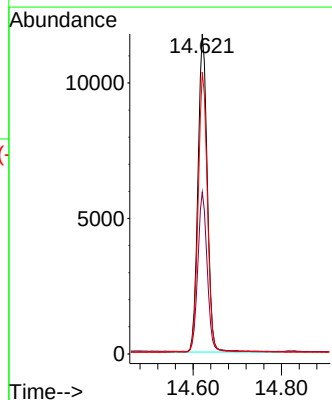
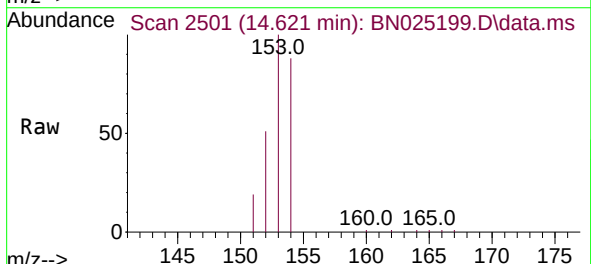
Instrument :
BNA_N
ClientSampleId :
SLCS454

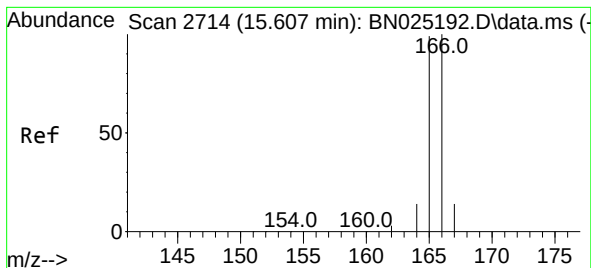
Tgt Ion:152 Resp: 20865
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.001 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

Tgt Ion:153 Resp: 17196
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 88.1 69.4 104.2





#12

Fluorene

Concen: 0.432 ng/ul

RT: 15.611 min Scan# 2715

Delta R.T. 0.001 min

Lab File: BN025199.D

Acq: 28 Apr 2023 19:47

Instrument :

BNA_N

ClientSampleId :

SLCS454

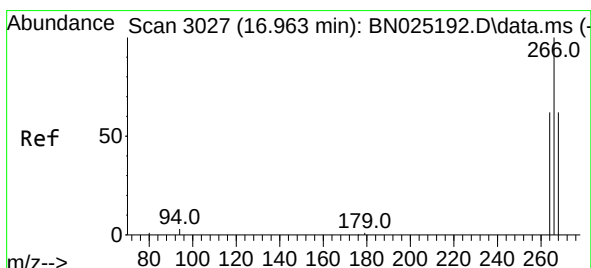
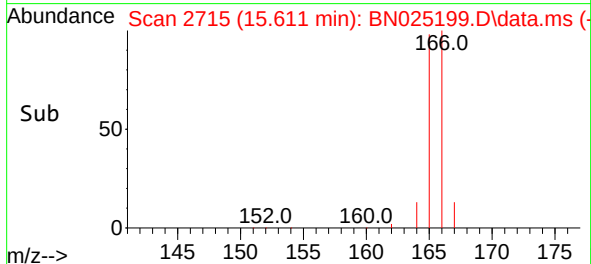
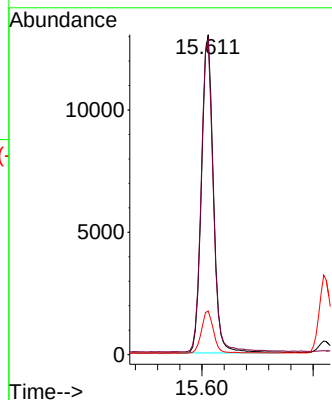
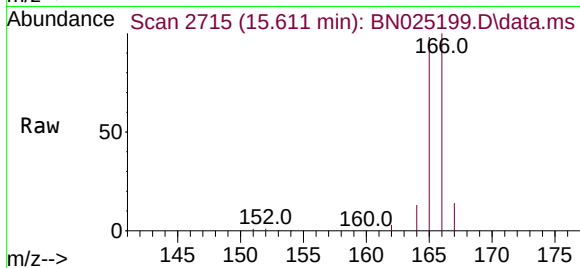
Tgt Ion:166 Resp: 19232

Ion Ratio Lower Upper

166 100

165 98.5 78.1 117.1

167 13.6 11.0 16.6



#14

Pentachlorophenol

Concen: 0.709 ng/ul

RT: 16.963 min Scan# 3027

Delta R.T. -0.004 min

Lab File: BN025199.D

Acq: 28 Apr 2023 19:47

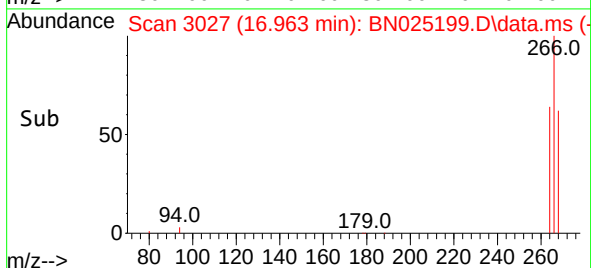
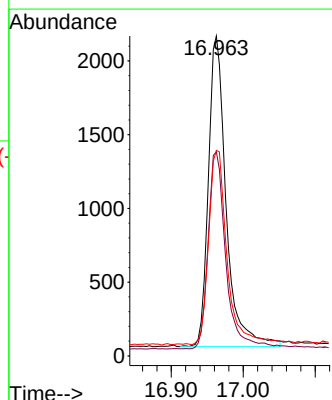
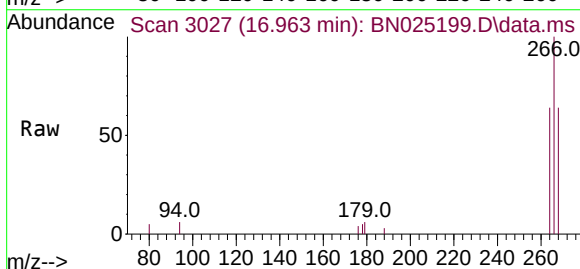
Tgt Ion:266 Resp: 3629

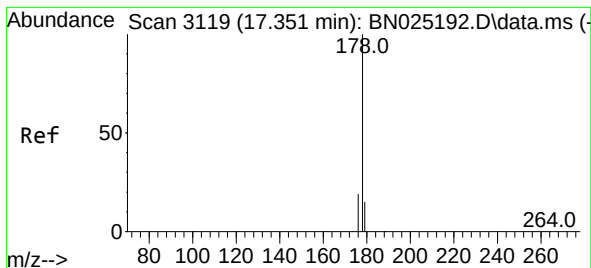
Ion Ratio Lower Upper

266 100

264 63.3 49.6 74.4

268 64.8 51.3 76.9





#15

Phenanthrene

Concen: 0.411 ng/ul

RT: 17.351 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BN025199.D

Acq: 28 Apr 2023 19:47

Instrument :

BNA_N

ClientSampleId :

SLCS454

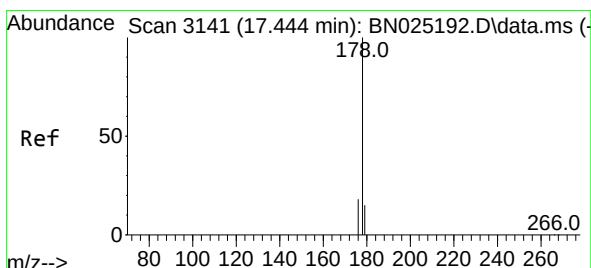
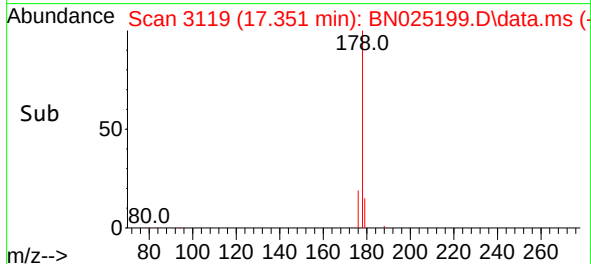
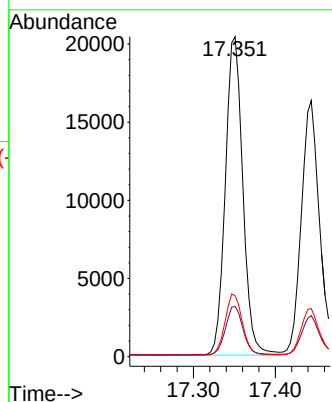
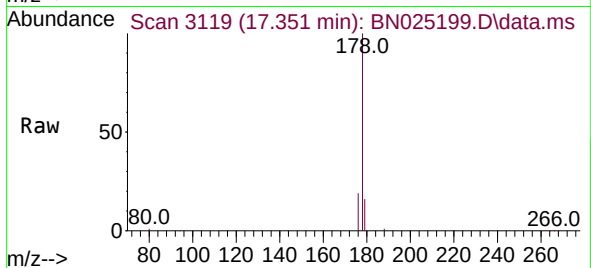
Tgt Ion:178 Resp: 30260

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

176 19.1 15.6 23.4



#16

Anthracene

Concen: 0.430 ng/ul

RT: 17.444 min Scan# 3141

Delta R.T. 0.001 min

Lab File: BN025199.D

Acq: 28 Apr 2023 19:47

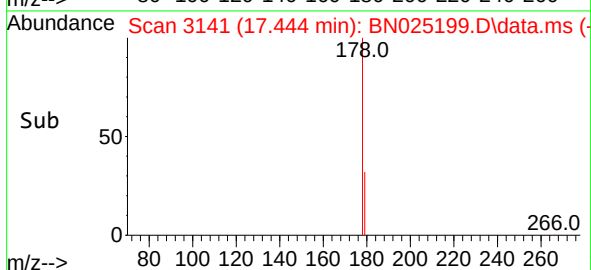
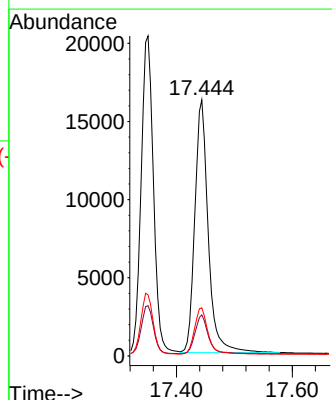
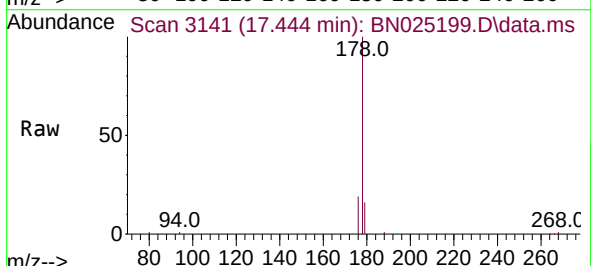
Tgt Ion:178 Resp: 25855

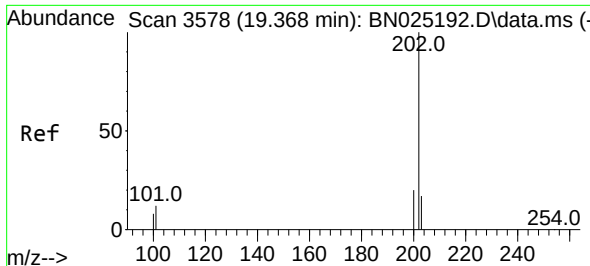
Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 18.8 15.3 22.9

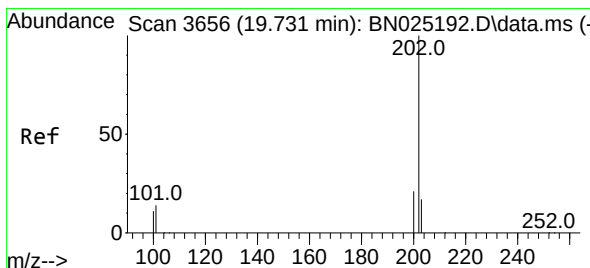
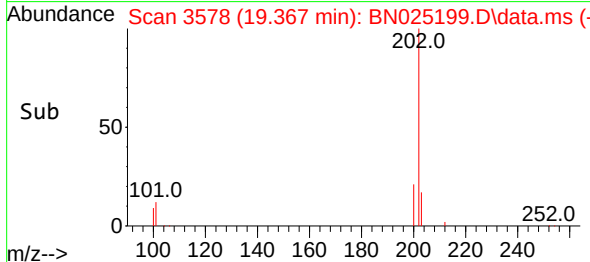
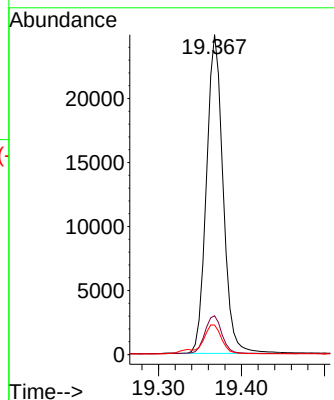
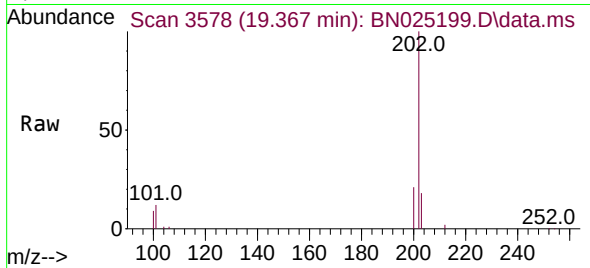




#19
Fluoranthene
Concen: 0.514 ng/ul
RT: 19.367 min Scan# 3578
Delta R.T. -0.004 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

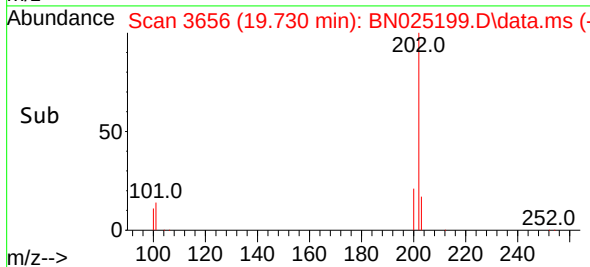
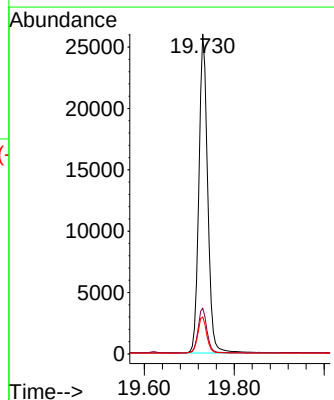
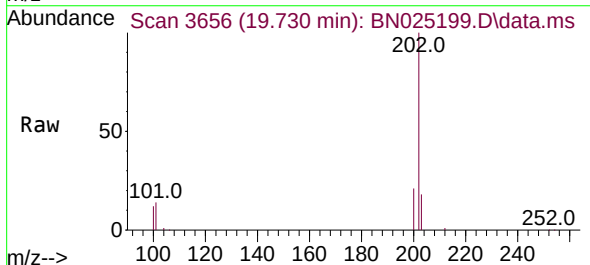
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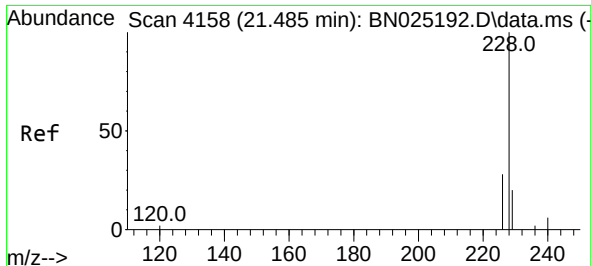
Tgt Ion:202 Resp: 34550
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.510 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

Tgt Ion:202 Resp: 35213
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.5 9.2 13.8

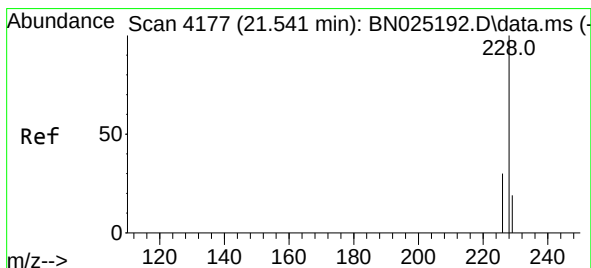
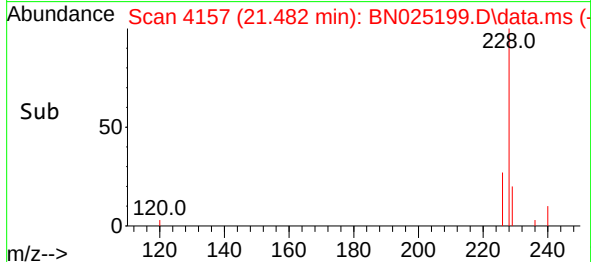
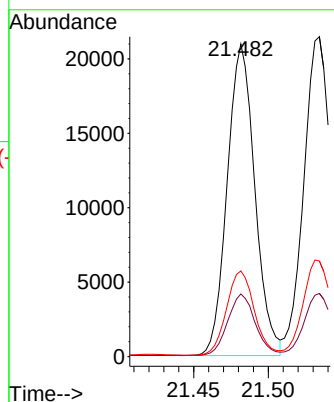
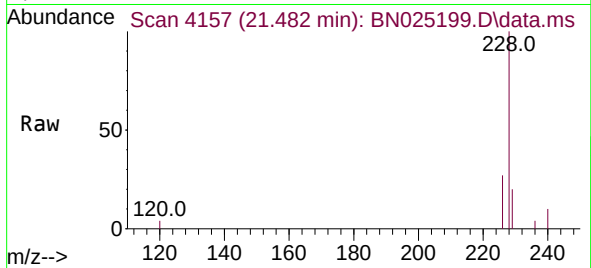




#21
Benzo(a)anthracene
Concen: 0.481 ng/ul
RT: 21.482 min Scan# 4158
Delta R.T. -0.008 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

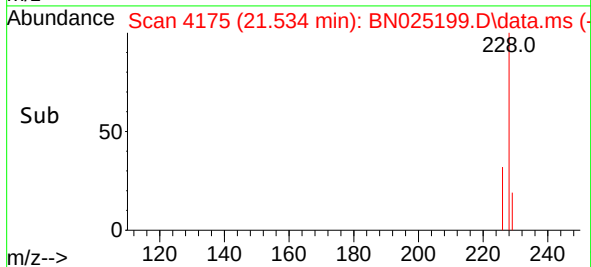
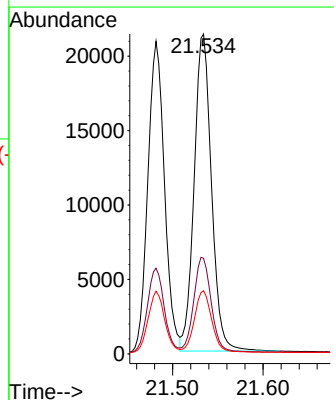
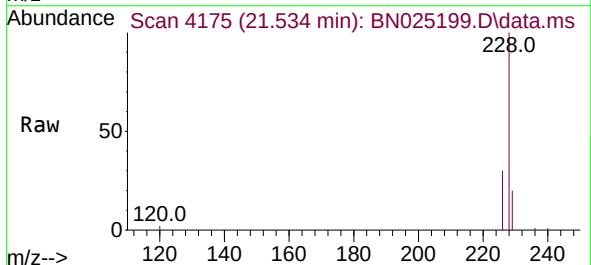
Instrument :
BNA_N
ClientSampleId :
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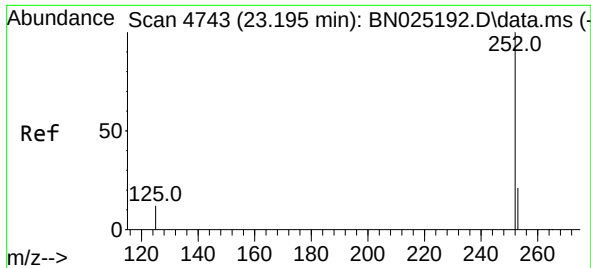
Tgt Ion:228 Resp: 26940
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.464 ng/ul
RT: 21.534 min Scan# 4175
Delta R.T. -0.008 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

Tgt Ion:228 Resp: 28381
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.7 15.8 23.6

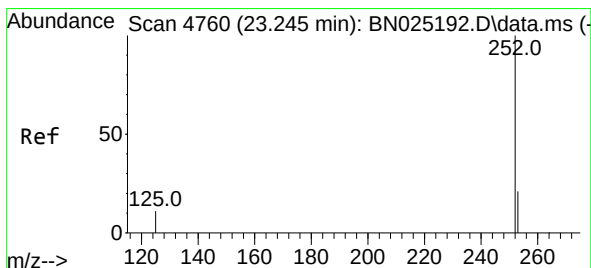
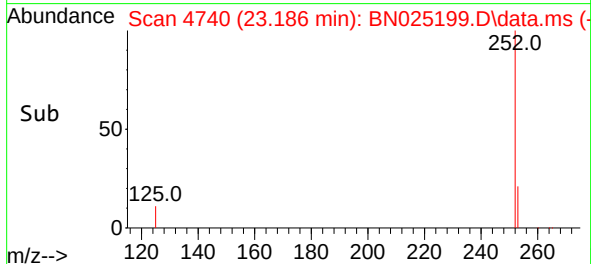
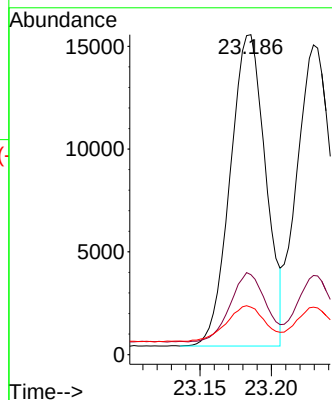
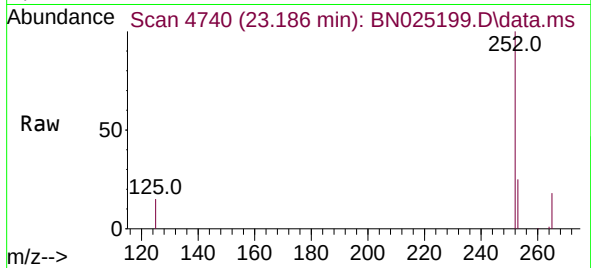




#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.186 min Scan# 4743
Delta R.T. -0.014 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

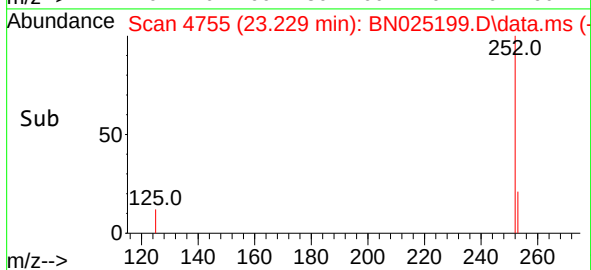
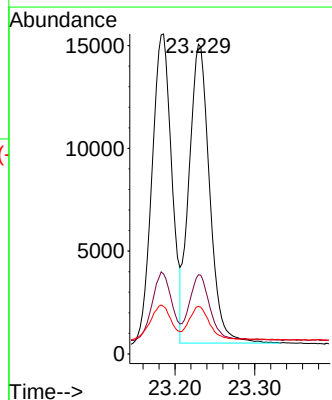
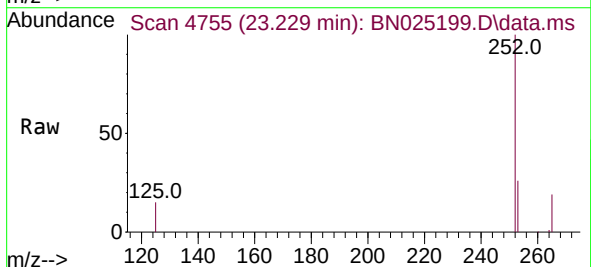
Instrument :
BNA_N
ClientSampleId :
SLCS454

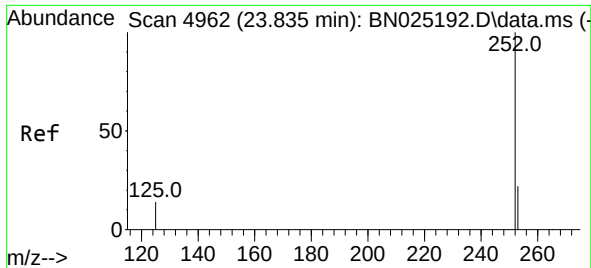
Tgt Ion:252 Resp: 26202
Ion Ratio Lower Upper
252 100
253 25.0 0.0 50.2
125 14.8 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul
RT: 23.229 min Scan# 4755
Delta R.T. -0.017 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

Tgt Ion:252 Resp: 26051
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.4
125 15.3 11.8 17.8

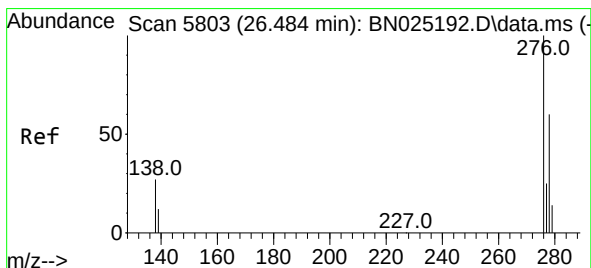
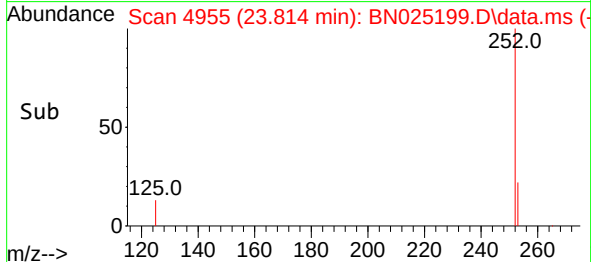
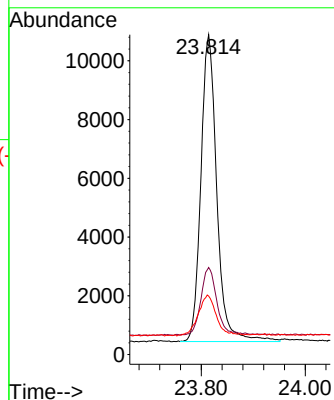
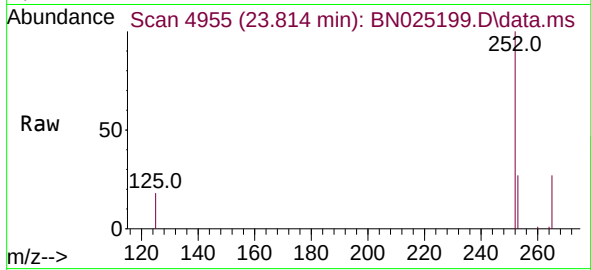




#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.814 min Scan# 4962
Delta R.T. -0.029 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

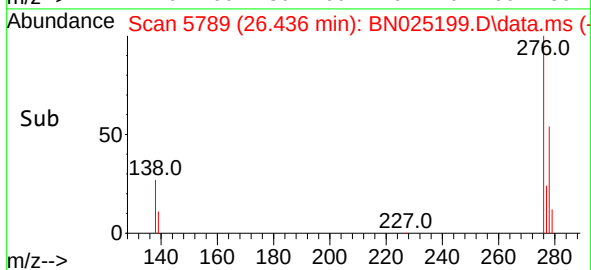
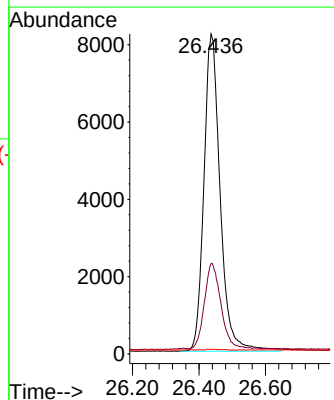
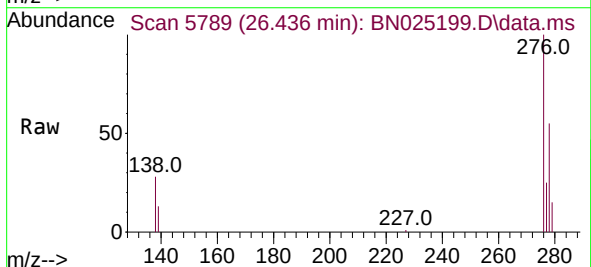
Instrument :
BNA_N
ClientSampleId :
SLCS454

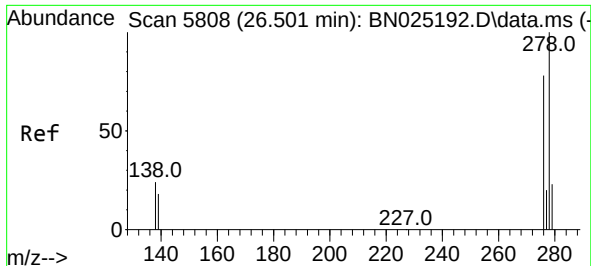
Tgt Ion:252	Resp:	22167
Ion Ratio	Lower	Upper
252	100	
253	27.2	21.4 32.2
125	18.3	14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng/ul
RT: 26.436 min Scan# 5789
Delta R.T. -0.046 min
Lab File: BN025199.D
Acq: 28 Apr 2023 19:47

Tgt Ion:276	Resp:	27954
Ion Ratio	Lower	Upper
276	100	
138	27.1	21.9 32.9
227	0.3	0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.451 ng/ul

RT: 26.453 min Scan# 51

Delta R.T. -0.053 min

Lab File: BN025199.D

Acq: 28 Apr 2023 19:47

Instrument :

BNA_N

ClientSampleId :

SLCS454

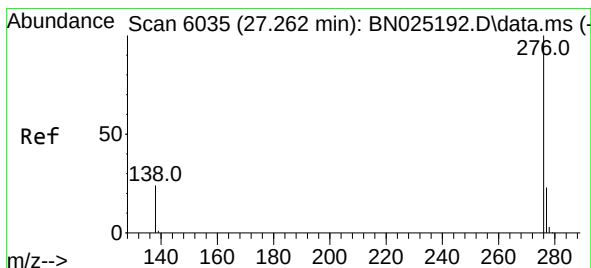
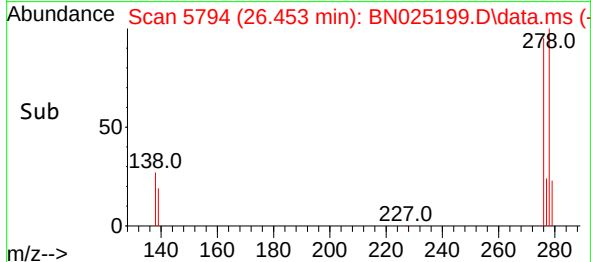
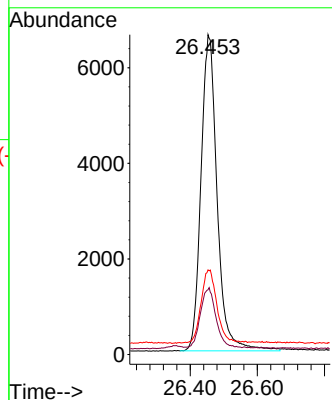
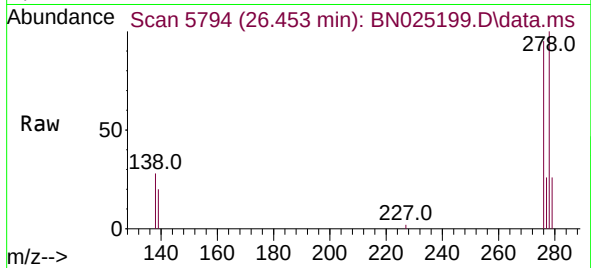
Tgt Ion:278 Resp: 22082

Ion Ratio Lower Upper

278 100

139 20.3 17.0 25.6

279 26.5 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.444 ng/ul

RT: 27.211 min Scan# 6020

Delta R.T. -0.050 min

Lab File: BN025199.D

Acq: 28 Apr 2023 19:47

Tgt Ion:276 Resp: 23662

Ion Ratio Lower Upper

276 100

138 25.3 20.3 30.5

277 25.1 19.8 29.6

