

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023477.D
 Acq On : 26 Dec 2022 09:28
 Operator : CG/JU
 Sample : PB149717BS
 Misc :
 ALS Vial : 114 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS717

Quant Time: Dec 27 03:42:47 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)

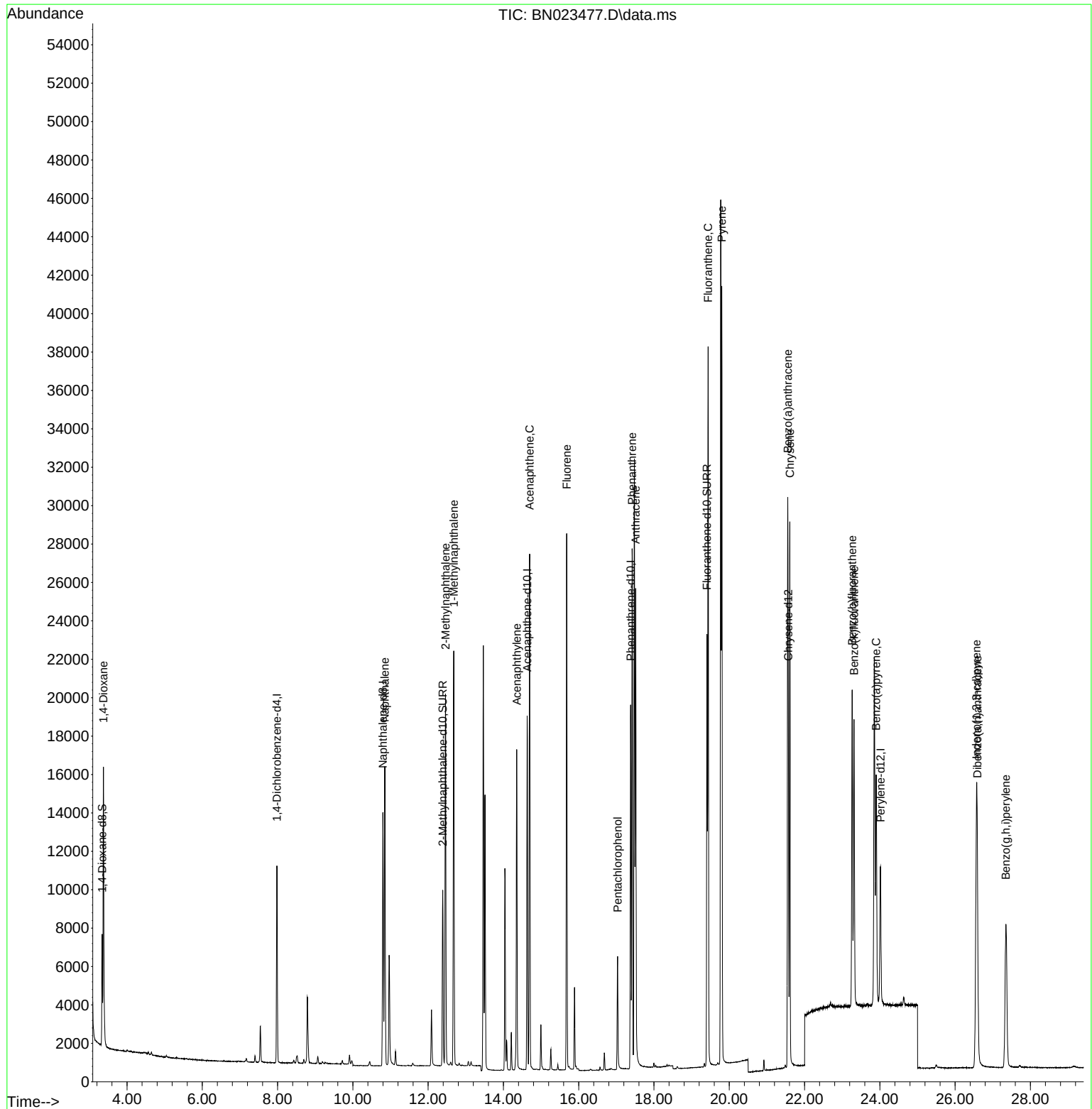
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	5099	0.400	ng/u1	0.00
4) Naphthalene-d8	10.799	136	17119	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.631	164	9839	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.382	188	21262	0.400	ng/u1	0.00
17) Chrysene-d12	21.569	240	13069	0.400	ng/u1	0.00
23) Perylene-d12	24.016	264	9919	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3784	0.683	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.388	152	11383	0.430	ng/u1	0.00
18) Fluoranthene-d10	19.406	212	23751	0.502	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.374	88	10185	1.797	ng/u1	90
5) Naphthalene	10.848	128	20723	0.412	ng/u1	99
7) 2-Methylnaphthalene	12.459	142	13395	0.417	ng/u1	99
8) 1-Methylnaphthalene	12.679	142	14358	0.434	ng/u1	100
10) Acenaphthylene	14.354	152	18649	0.428	ng/u1	100
11) Acenaphthene	14.696	153	15066	0.410	ng/u1	98
12) Fluorene	15.682	166	16903	0.409	ng/u1	99
14) Pentachlorophenol	17.031	266	3965	0.672	ng/u1	99
15) Phenanthrene	17.420	178	27919	0.403	ng/u1	99
16) Anthracene	17.513	178	26132	0.455	ng/u1	100
19) Fluoranthene	19.439	202	30608	0.483	ng/u1	100
20) Pyrene	19.801	202	31893	0.499	ng/u1	100
21) Benzo(a)anthracene	21.554	228	23850	0.469	ng/u1	99
22) Chrysene	21.607	228	23658	0.457	ng/u1	100
24) Benzo(b)fluoranthene	23.264	252	20869	0.407	ng/u1	99
25) Benzo(k)fluoranthene	23.314	252	20211	0.420	ng/u1	99
26) Benzo(a)pyrene	23.902	252	17362	0.427	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.567	276	20565	0.434	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.587	278	16221	0.441	ng/u1	100
29) Benzo(g,h,i)perylene	27.348	276	17205	0.445	ng/u1	99

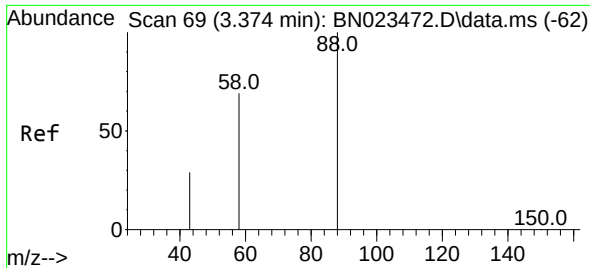
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 03:42:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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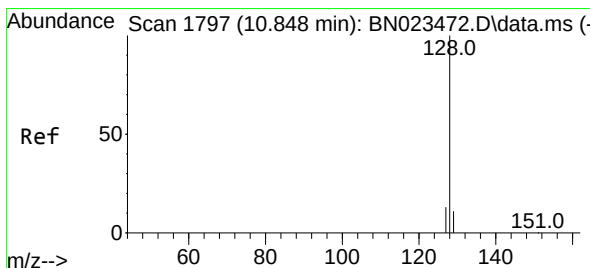
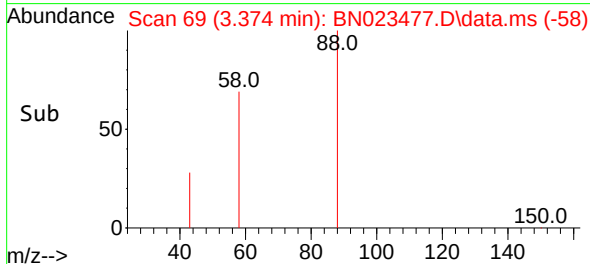
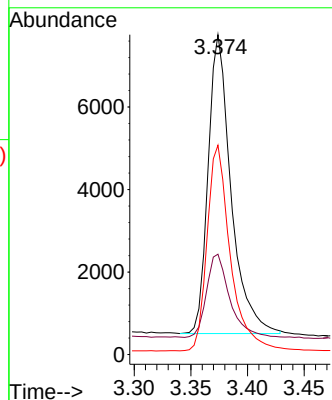
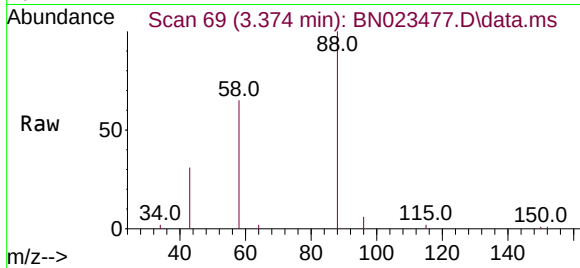




#2
1,4-Dioxane
Concen: 1.797 ng/ul
RT: 3.374 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

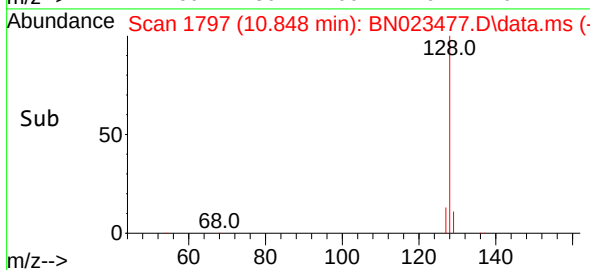
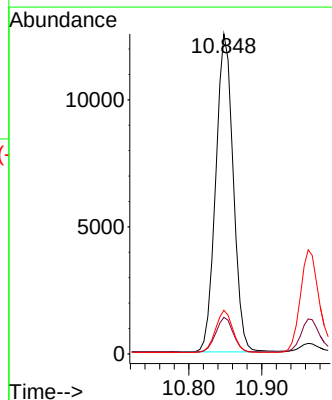
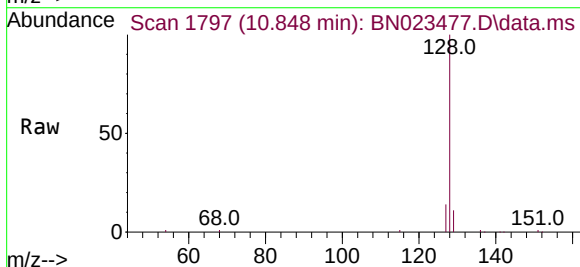
Instrument :
BNA_N
ClientSampleId :
SLCS717

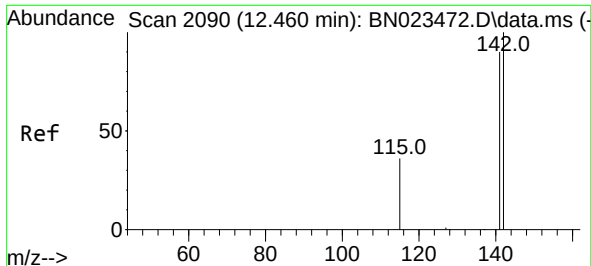
Tgt Ion: 88	Resp: 10185
Ion Ratio	Lower Upper
88 100	
43 31.4	28.4 42.6
58 65.4	45.6 68.4



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.848 min Scan# 1797
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Tgt Ion:128	Resp: 20723		
Ion Ratio	Lower	Upper	
128 100			
129 11.4	9.0	13.4	
127 13.6	10.7	16.1	

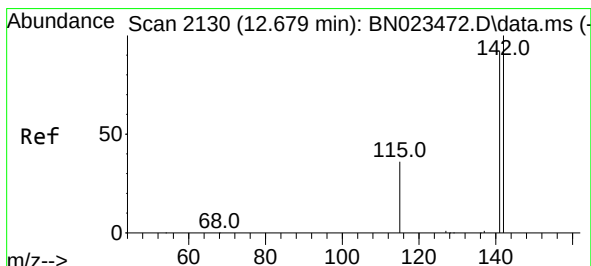
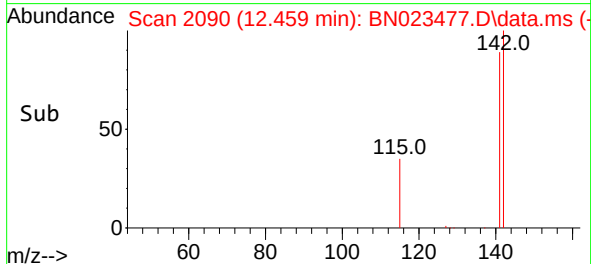
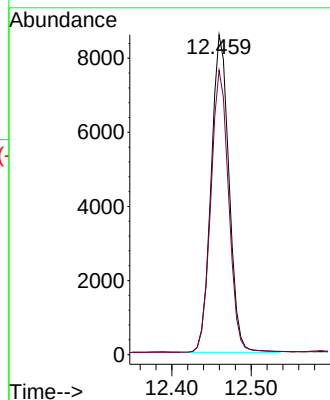
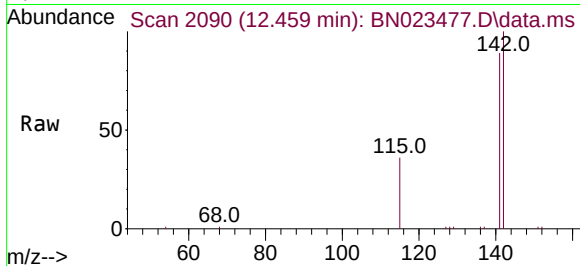




#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

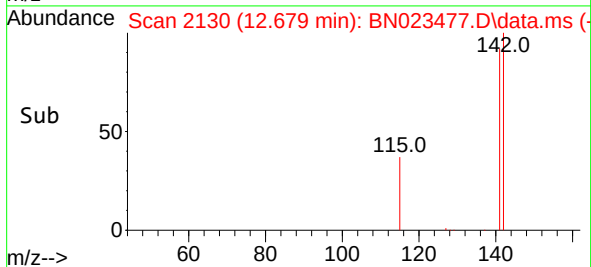
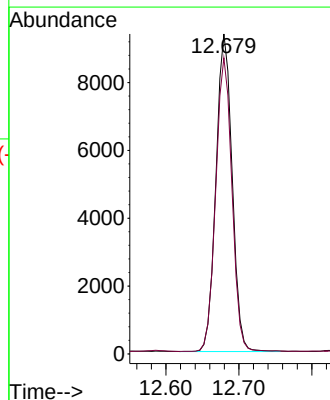
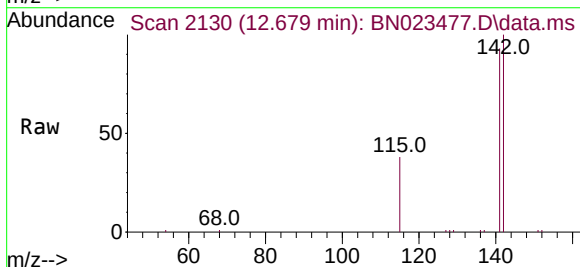
Instrument :
BNA_N
ClientSampleId :
SLCS717

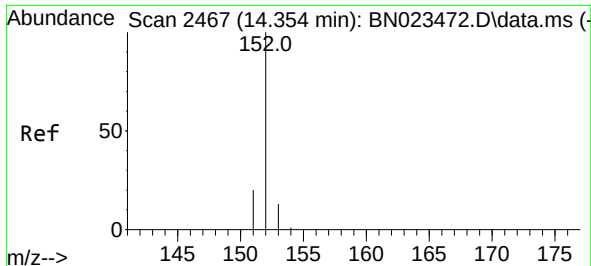
Tgt Ion:142 Resp: 13395
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.679 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Tgt Ion:142 Resp: 14358
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0

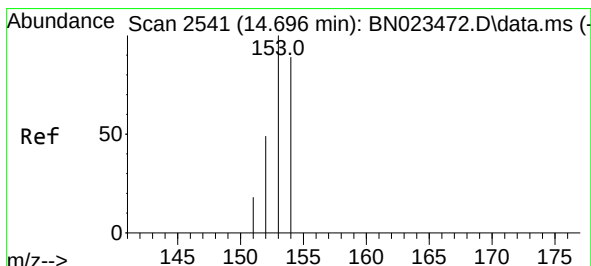
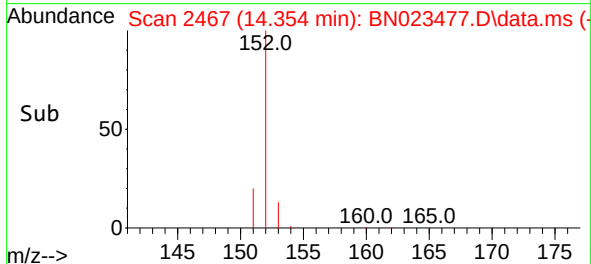
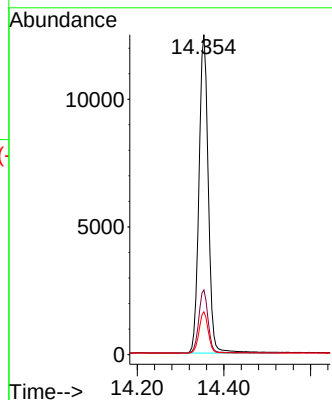
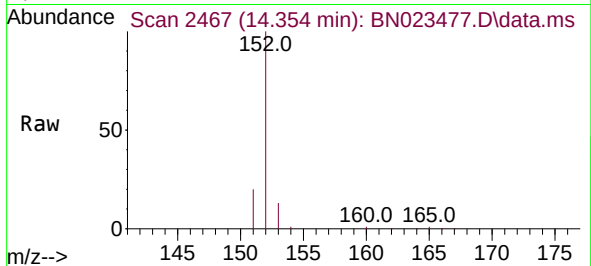




#10
Acenaphthylene
Concen: 0.428 ng/ul
RT: 14.354 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

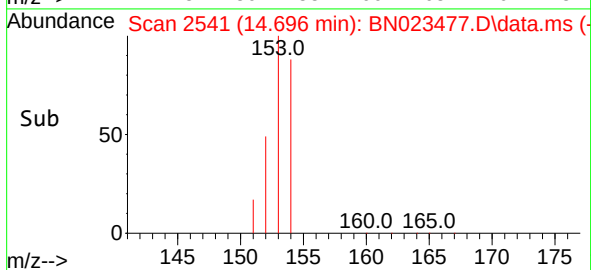
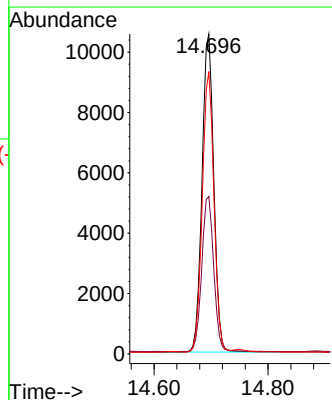
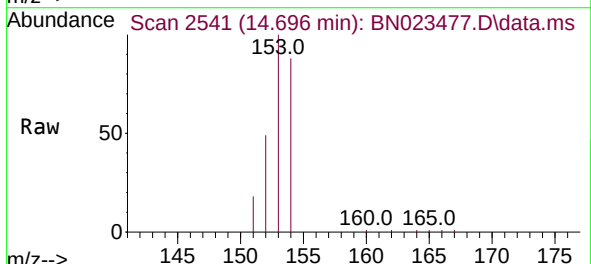
Instrument :
BNA_N
ClientSampleId :
SLCS717

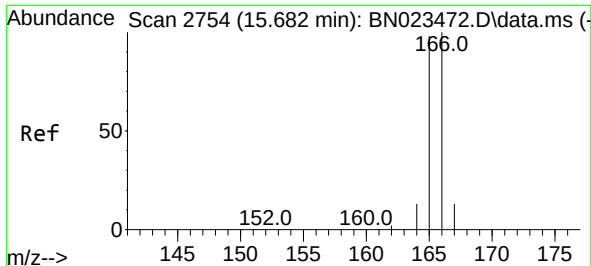
Tgt Ion:152 Resp: 18649
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.410 ng/ul
RT: 14.696 min Scan# 2541
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Tgt Ion:153 Resp: 15066
Ion Ratio Lower Upper
153 100
152 49.2 41.0 61.4
154 88.2 69.5 104.3

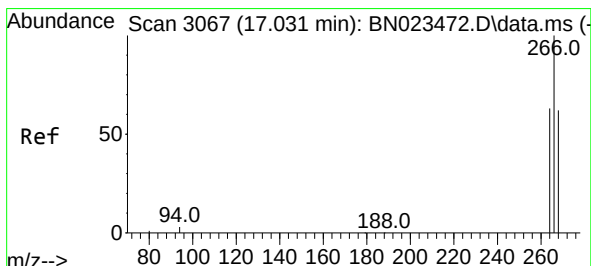
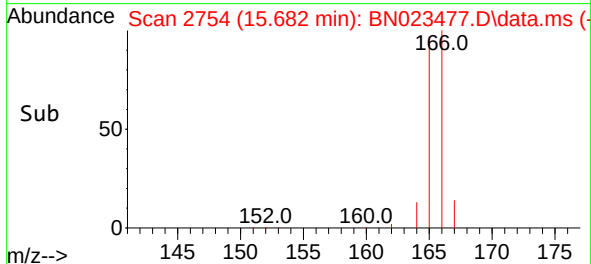
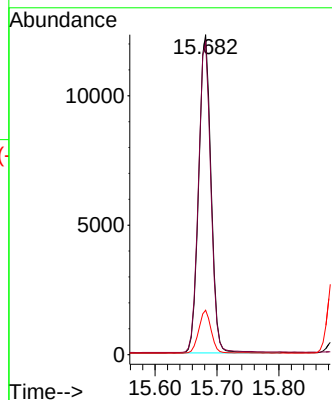
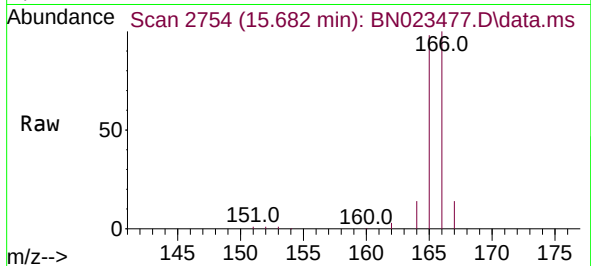




#12
Fluorene
Concen: 0.409 ng/ul
RT: 15.682 min Scan# 2754
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

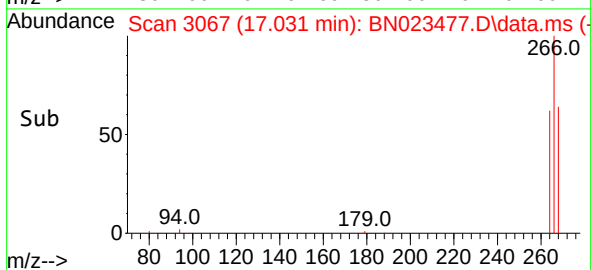
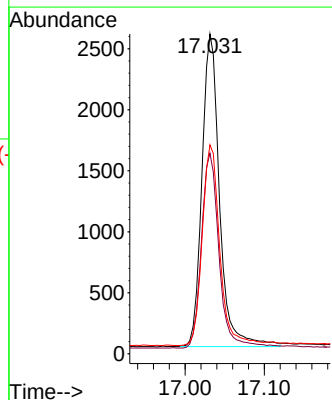
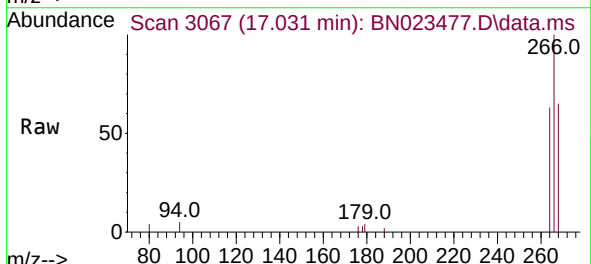
Instrument :
BNA_N
ClientSampleId :
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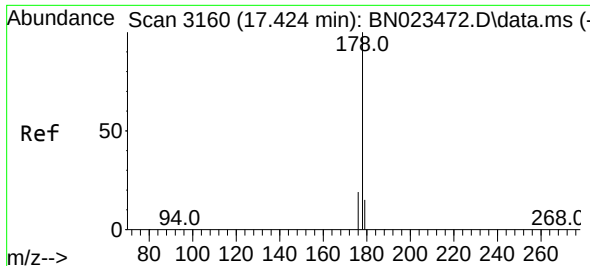
Tgt Ion:166 Resp: 16903
Ion Ratio Lower Upper
166 100
165 97.6 79.1 118.7
167 13.9 11.0 16.4



#14
Pentachlorophenol
Concen: 0.672 ng/ul
RT: 17.031 min Scan# 3067
Delta R.T. -0.008 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Tgt Ion:266 Resp: 3965
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.6
268 64.7 51.4 77.0

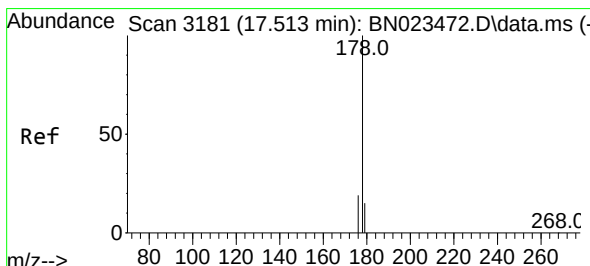
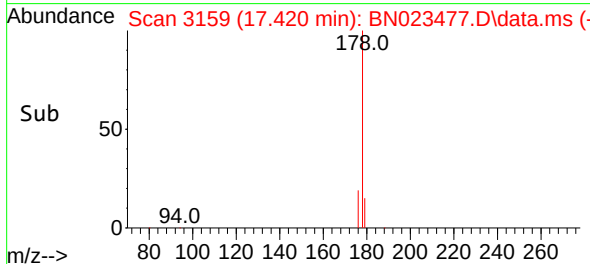
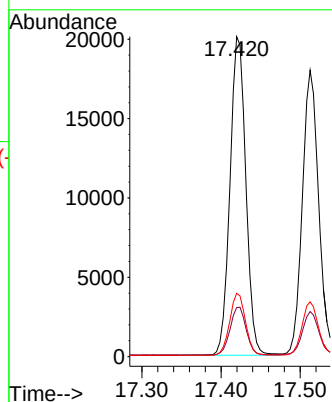
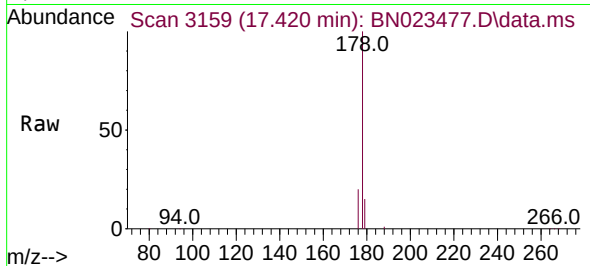




#15
Phenanthrene
Concen: 0.403 ng/ul
RT: 17.420 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

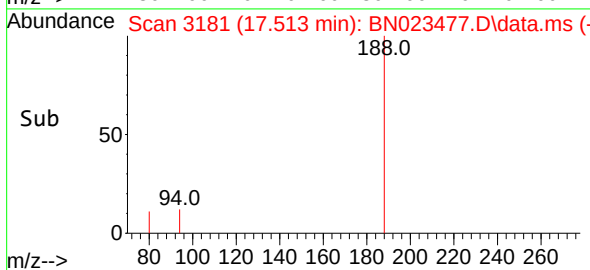
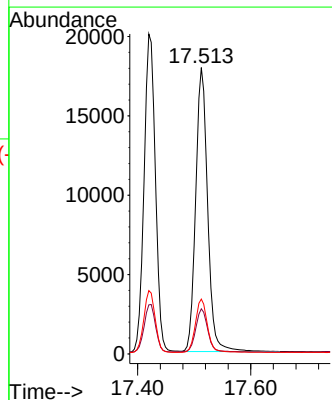
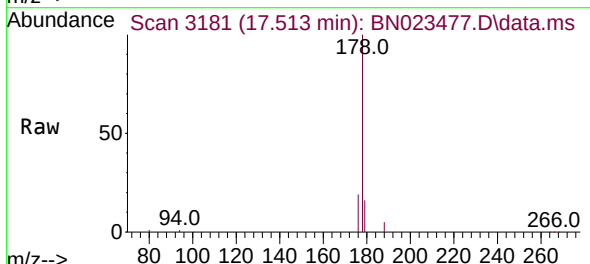
Instrument :
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ClientSampleId :
SLCS717

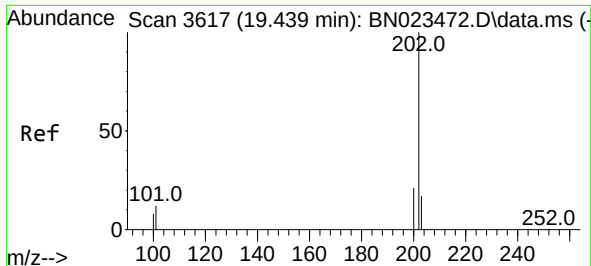
Tgt Ion:178 Resp: 27919
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.8 15.7 23.5



#16
Anthracene
Concen: 0.455 ng/ul
RT: 17.513 min Scan# 3181
Delta R.T. -0.008 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Tgt Ion:178 Resp: 26132
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.1 15.4 23.0





#19

Fluoranthene

Concen: 0.483 ng/ul

RT: 19.439 min Scan# 3617

Delta R.T. -0.005 min

Lab File: BN023477.D

Acq: 26 Dec 2022 09:28

Instrument :

BNA_N

ClientSampleId :

SLCS717

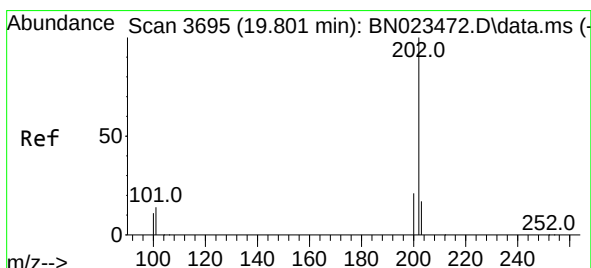
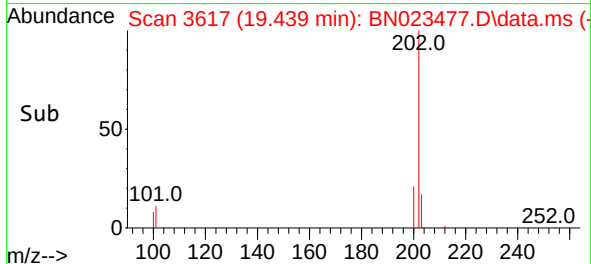
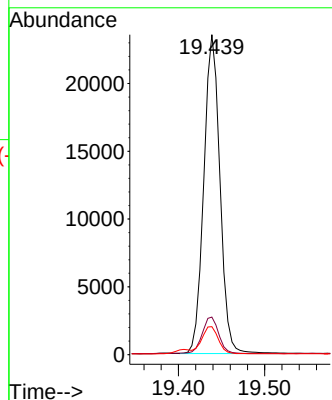
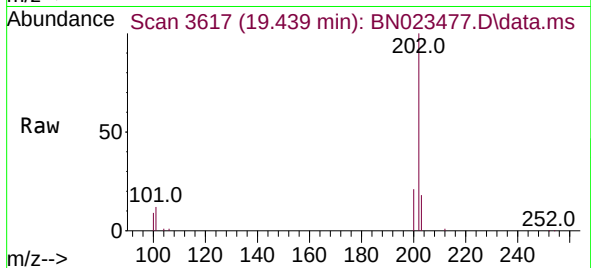
Tgt Ion:202 Resp: 30608

Ion Ratio Lower Upper

202 100

101 11.7 9.4 14.2

100 8.7 7.0 10.6



#20

Pyrene

Concen: 0.499 ng/ul

RT: 19.801 min Scan# 3695

Delta R.T. -0.005 min

Lab File: BN023477.D

Acq: 26 Dec 2022 09:28

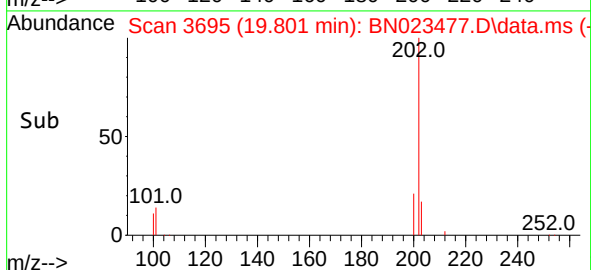
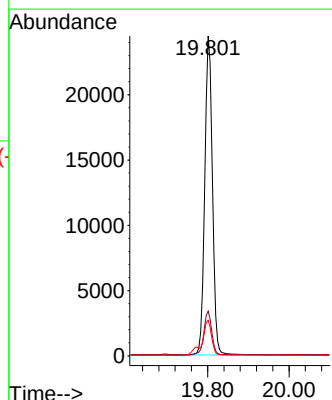
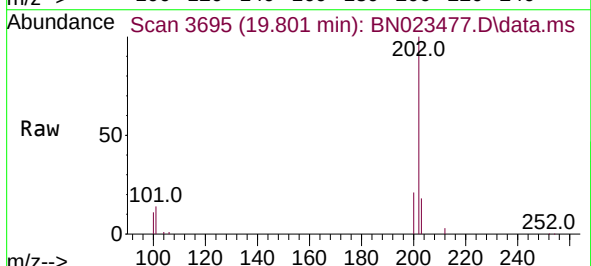
Tgt Ion:202 Resp: 31893

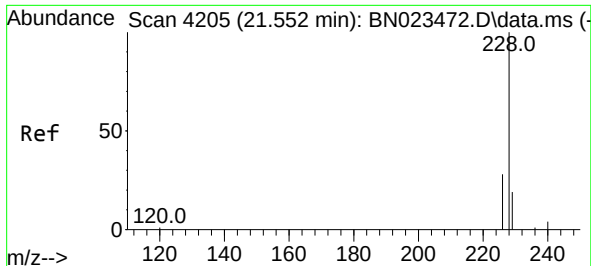
Ion Ratio Lower Upper

202 100

101 14.0 11.3 16.9

100 11.1 9.0 13.4

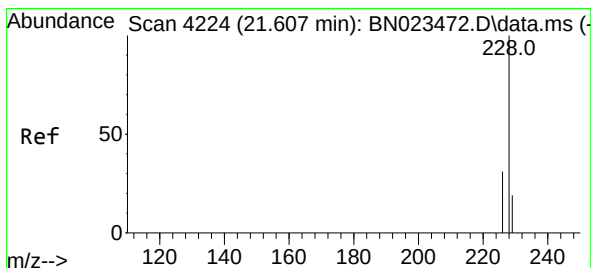
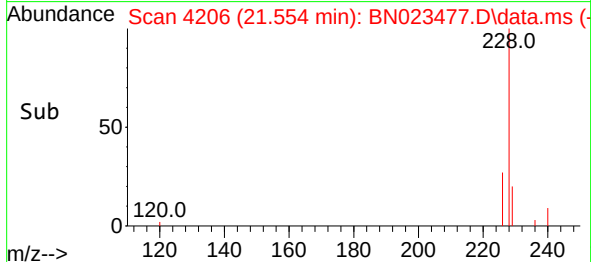
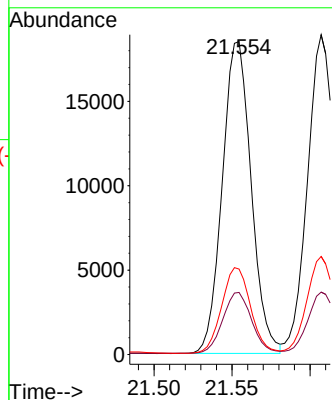
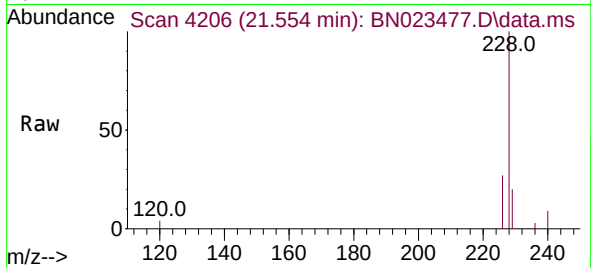




#21
Benzo(a)anthracene
Concen: 0.469 ng/ul
RT: 21.554 min Scan# 4206
Delta R.T. -0.002 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

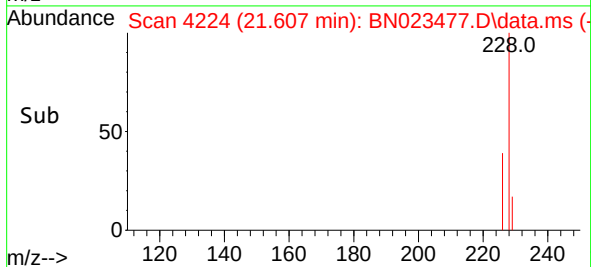
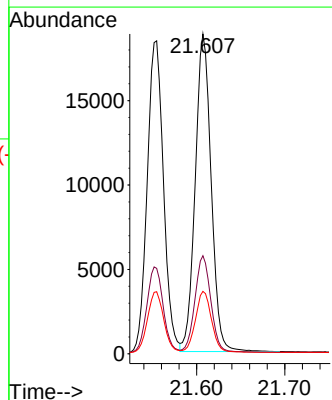
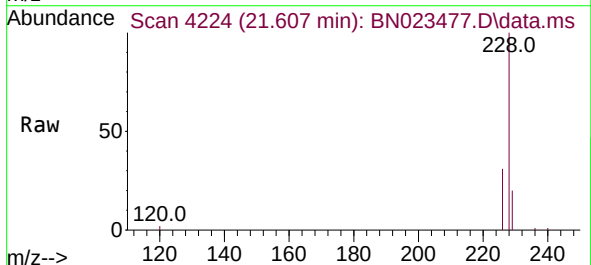
Instrument :
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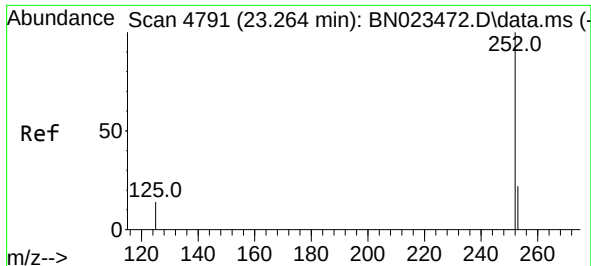
Tgt Ion:228 Resp: 23850
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.607 min Scan# 4224
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Tgt Ion:228 Resp: 23658
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.5 15.8 23.6

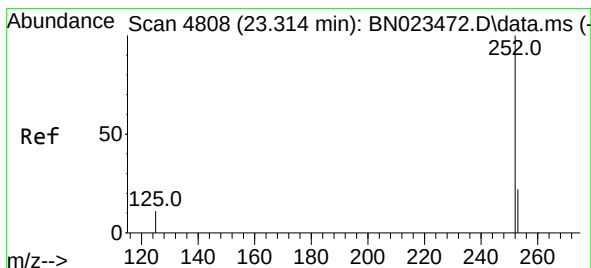
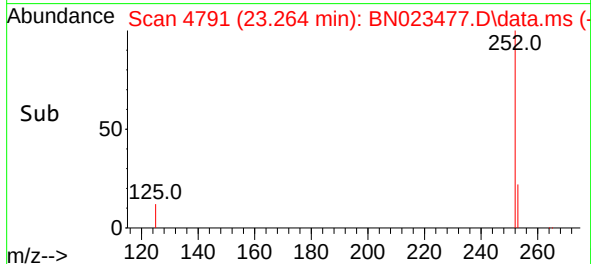
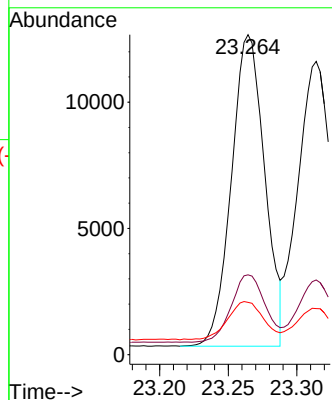
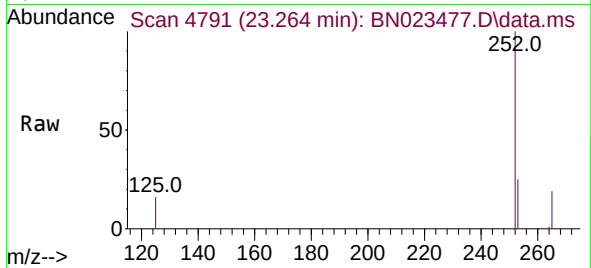




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 23.264 min Scan# 4791
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

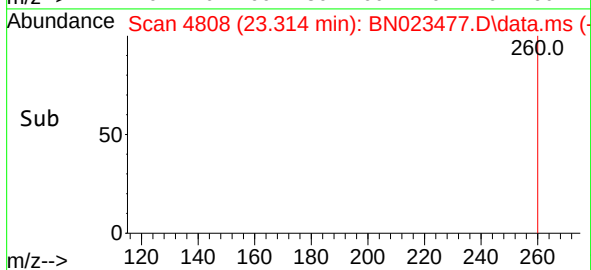
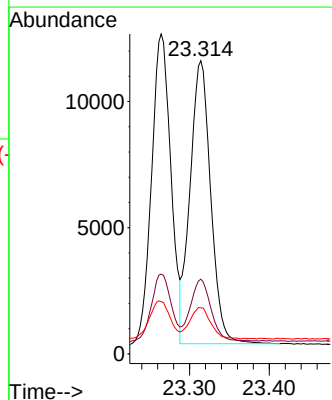
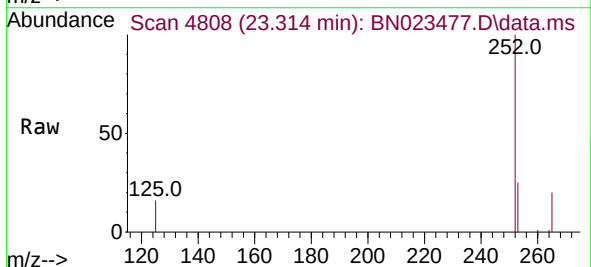
Instrument :
BNA_N
ClientSampleId :
SLCS717

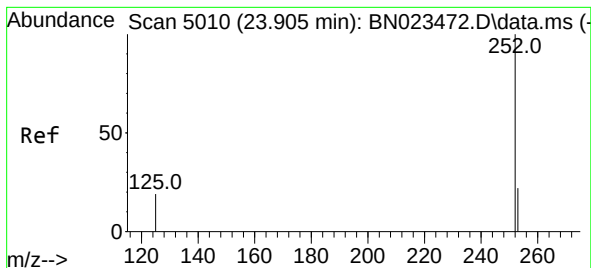
Tgt Ion:252 Resp: 20869
Ion Ratio Lower Upper
252 100
253 24.9 0.0 49.2
125 16.3 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.314 min Scan# 4808
Delta R.T. -0.005 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Tgt Ion:252 Resp: 20211
Ion Ratio Lower Upper
252 100
253 25.5 19.8 29.6
125 15.7 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.427 ng/ul

RT: 23.902 min Scan# 5010

Delta R.T. -0.007 min

Lab File: BN023477.D

Acq: 26 Dec 2022 09:28

Instrument :

BNA_N

ClientSampleId :

SLCS717

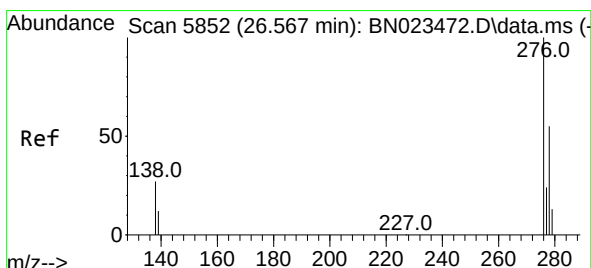
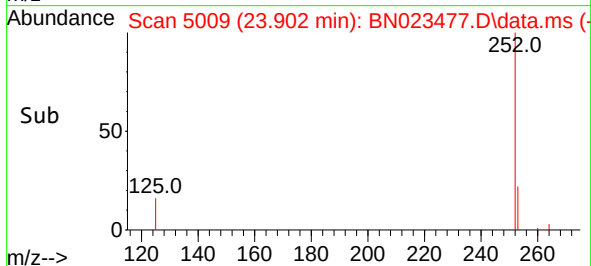
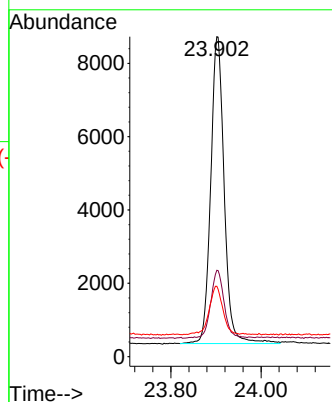
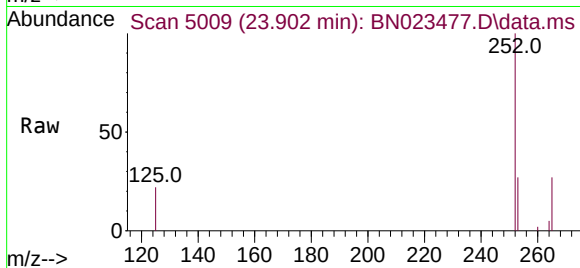
Tgt Ion:252 Resp: 17362

Ion Ratio Lower Upper

252 100

253 27.0 21.4 32.2

125 22.0 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.434 ng/ul

RT: 26.567 min Scan# 5852

Delta R.T. -0.008 min

Lab File: BN023477.D

Acq: 26 Dec 2022 09:28

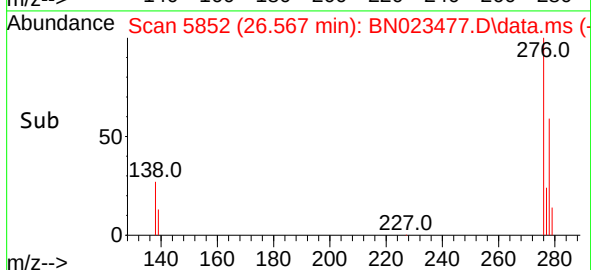
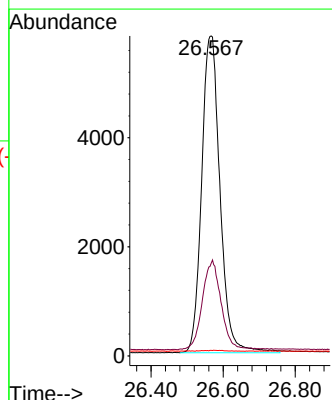
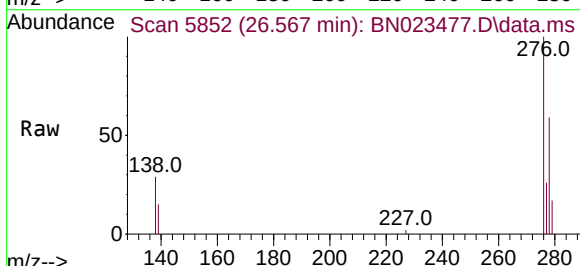
Tgt Ion:276 Resp: 20565

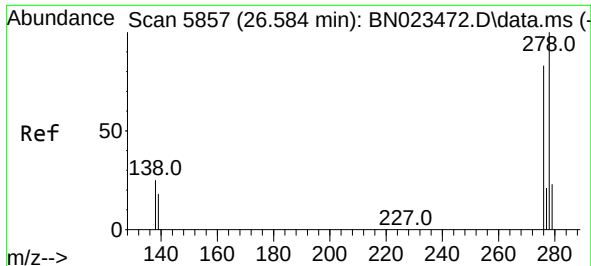
Ion Ratio Lower Upper

276 100

138 29.0 23.4 35.2

227 0.2 0.0 0.0

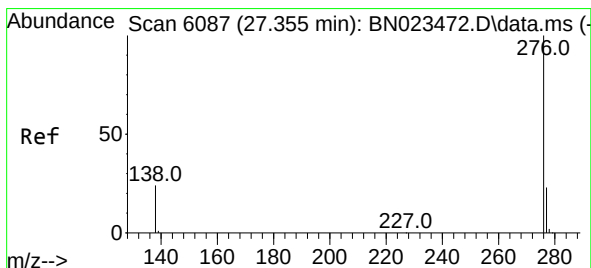
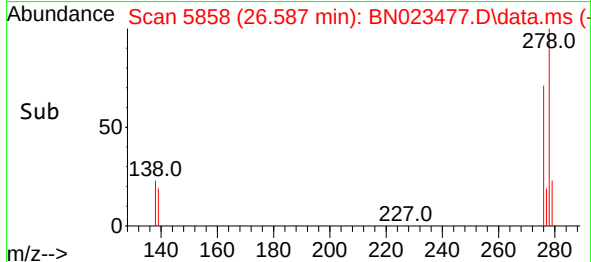
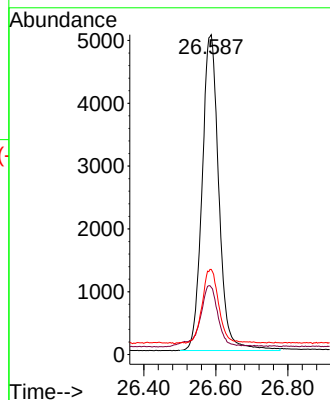
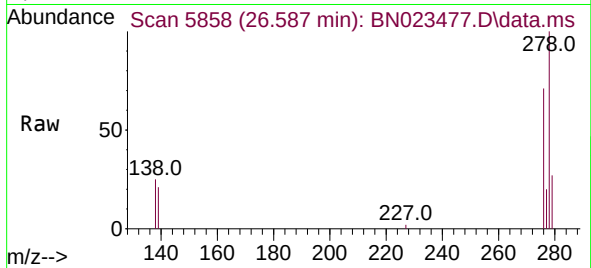




#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.587 min Scan# 5857
Delta R.T. -0.012 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Instrument :
BNA_N
ClientSampleId :
SLCS717

Tgt Ion:278 Resp: 16221
Ion Ratio Lower Upper
278 100
139 21.0 16.6 24.8
279 26.6 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.445 ng/ul
RT: 27.348 min Scan# 6085
Delta R.T. -0.018 min
Lab File: BN023477.D
Acq: 26 Dec 2022 09:28

Tgt Ion:276 Resp: 17205
Ion Ratio Lower Upper
276 100
138 26.3 20.3 30.5
277 25.2 19.7 29.5

