

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023482.D
 Acq On : 26 Dec 2022 12:28
 Operator : CG/JU
 Sample : PB149683BS
 Misc :
 ALS Vial : 119 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS683

Quant Time: Dec 27 03:49:23 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)

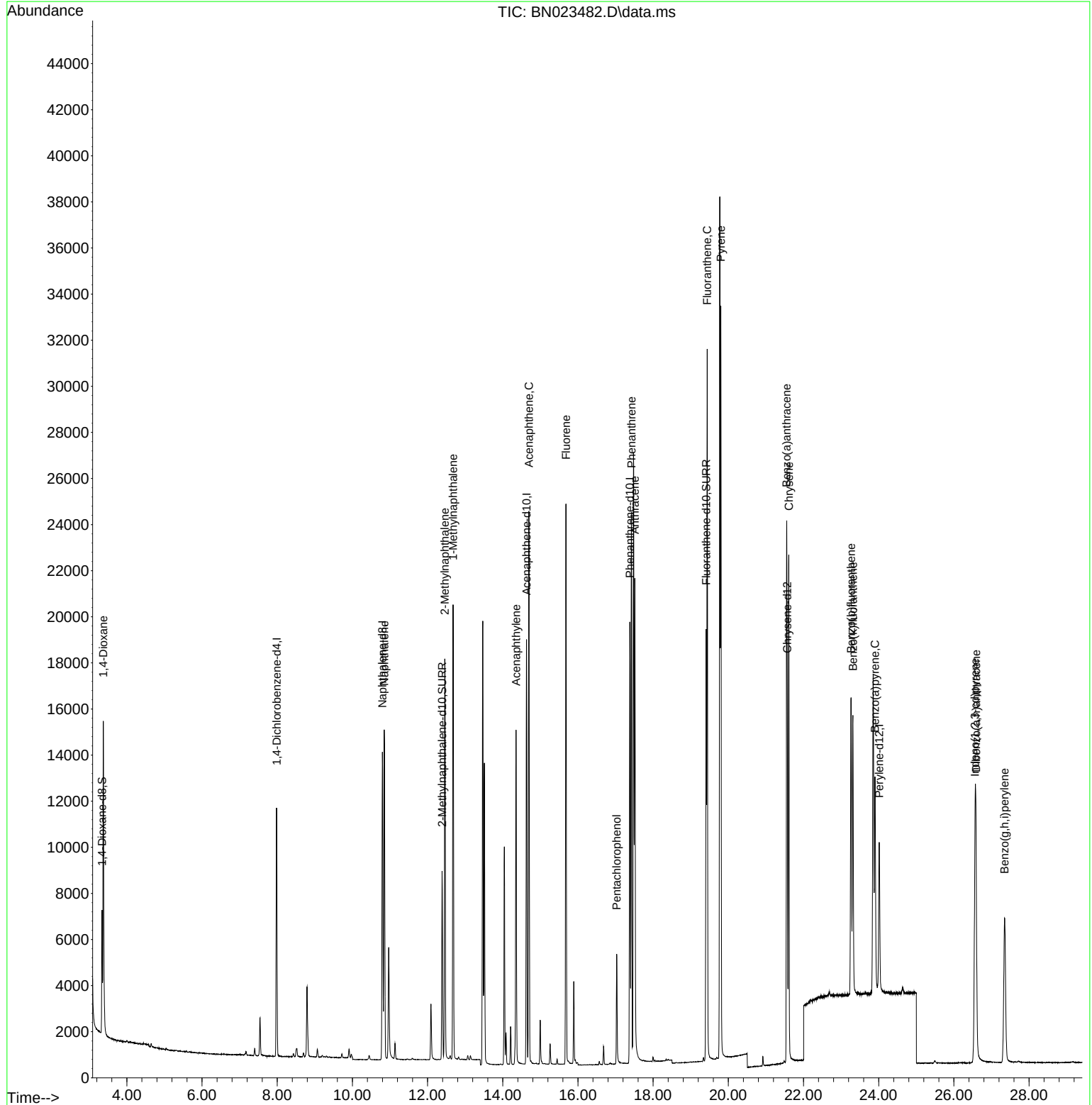
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	5435	0.400	ng/u1	0.00
4) Naphthalene-d8	10.797	136	17820	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.635	164	9898	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.380	188	20906	0.400	ng/u1	0.00
17) Chrysene-d12	21.569	240	11725	0.400	ng/u1	0.00
23) Perylene-d12	24.013	264	8946	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3494	0.592	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.387	152	10272	0.373	ng/u1	0.00
18) Fluoranthene-d10	19.410	212	19580	0.462	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.374	88	9485	1.570	ng/u1	91
5) Naphthalene	10.847	128	19170	0.366	ng/u1	100
7) 2-Methylnaphthalene	12.458	142	12176	0.364	ng/u1	100
8) 1-Methylnaphthalene	12.678	142	13039	0.378	ng/u1	100
10) Acenaphthylene	14.352	152	16167	0.369	ng/u1	100
11) Acenaphthene	14.695	153	13475	0.365	ng/u1	99
12) Fluorene	15.680	166	14902	0.359	ng/u1	100
14) Pentachlorophenol	17.030	266	3212	0.554	ng/u1	100
15) Phenanthrene	17.423	178	24329	0.357	ng/u1	100
16) Anthracene	17.511	178	22181	0.393	ng/u1	99
19) Fluoranthene	19.437	202	25601	0.450	ng/u1	100
20) Pyrene	19.800	202	26329	0.459	ng/u1	100
21) Benzo(a)anthracene	21.552	228	18457	0.404	ng/u1	100
22) Chrysene	21.607	228	18830	0.406	ng/u1	100
24) Benzo(b)fluoranthene	23.265	252	16918	0.366	ng/u1	98
25) Benzo(k)fluoranthene	23.312	252	16237	0.374	ng/u1	98
26) Benzo(a)pyrene	23.902	252	13539	0.370	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.561	276	17208	0.402	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.587	278	13598	0.410	ng/u1	99
29) Benzo(g,h,i)perylene	27.349	276	14592	0.419	ng/u1	99

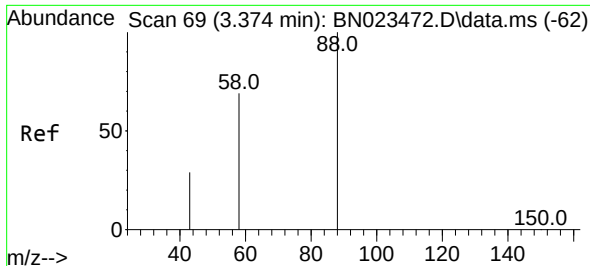
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 03:49:23 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
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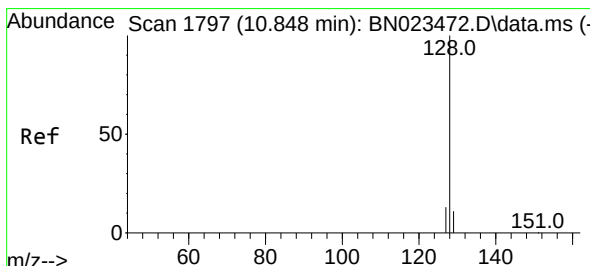
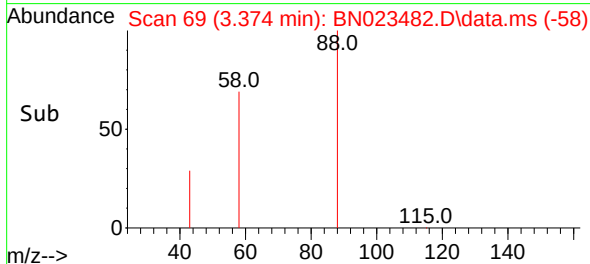
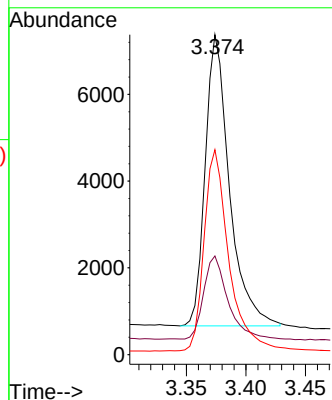
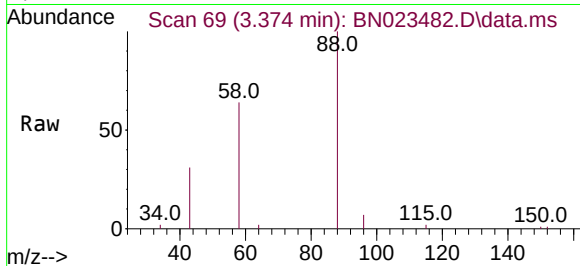




#2
1,4-Dioxane
Concen: 1.570 ng/ul
RT: 3.374 min Scan# 69
Delta R.T. -0.004 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

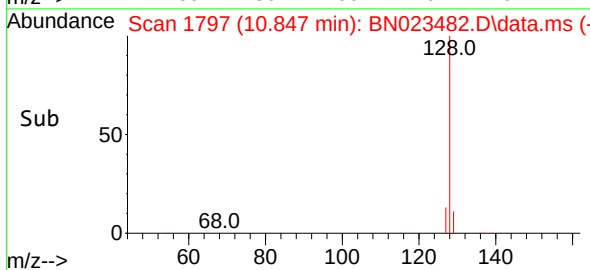
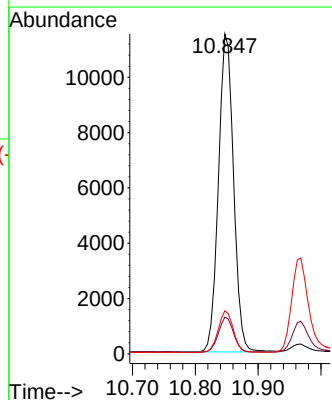
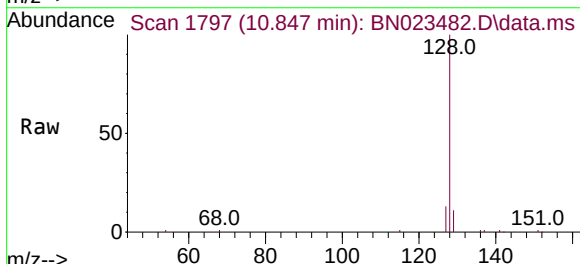
Instrument :
BNA_N
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SLCS683

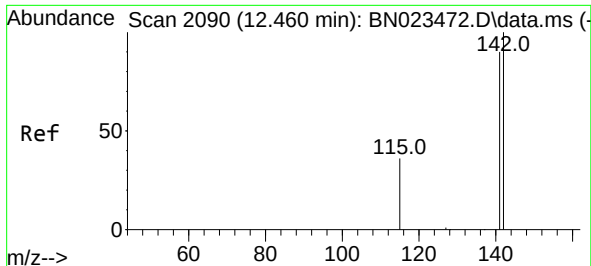
Tgt Ion: 88	Resp:	9485
Ion Ratio	Lower	Upper
88	100	
43	30.8	28.4 42.6
58	64.0	45.6 68.4



#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.847 min Scan# 1797
Delta R.T. -0.007 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion: 128	Resp:	19170
Ion Ratio	Lower	Upper
128	100	
129	11.5	9.0 13.4
127	13.5	10.7 16.1

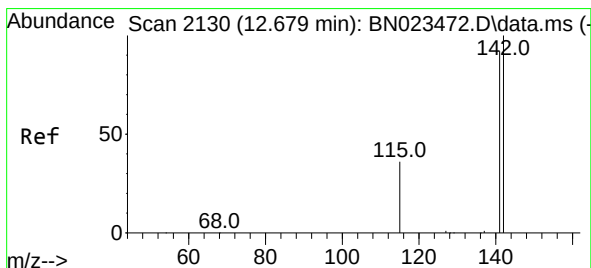
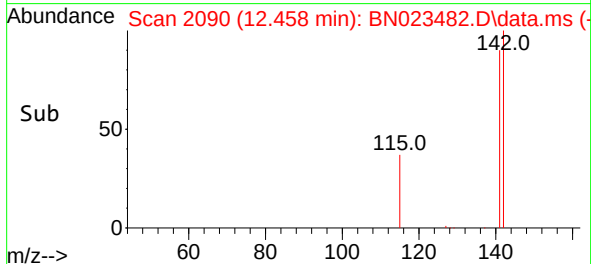
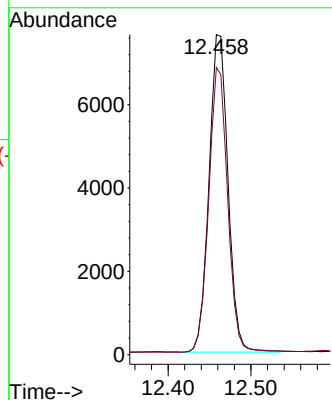
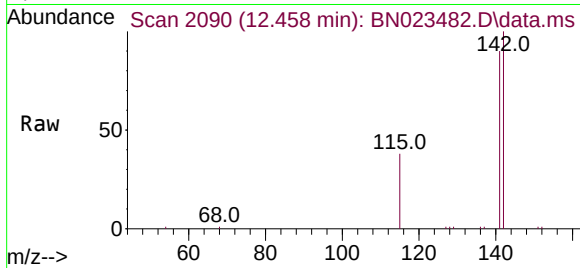




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.458 min Scan# 2090
Delta R.T. -0.007 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

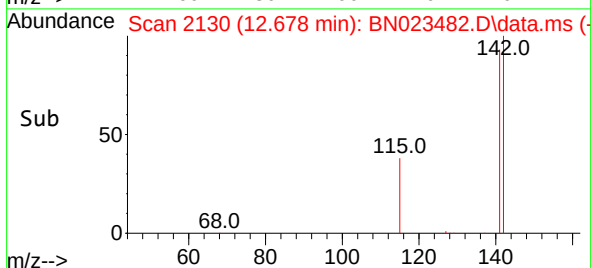
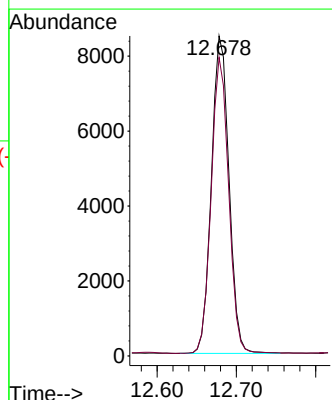
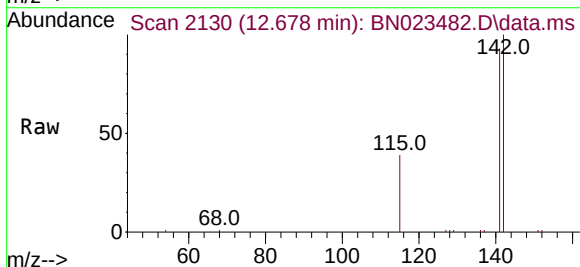
Instrument :
BNA_N
ClientSampleId :
SLCS683

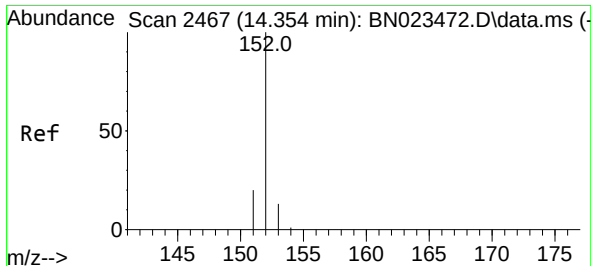
Tgt Ion:142 Resp: 12176
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.678 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion:142 Resp: 13039
Ion Ratio Lower Upper
142 100
141 92.7 74.0 111.0

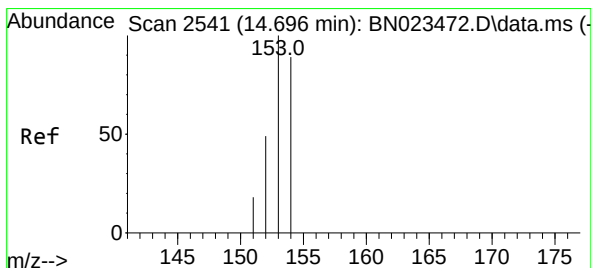
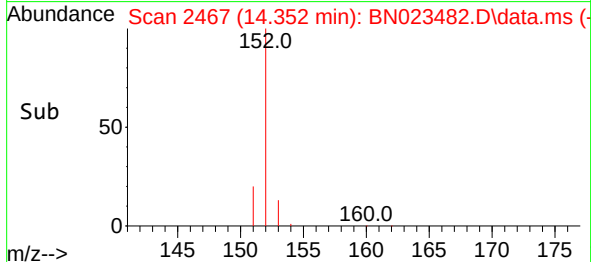
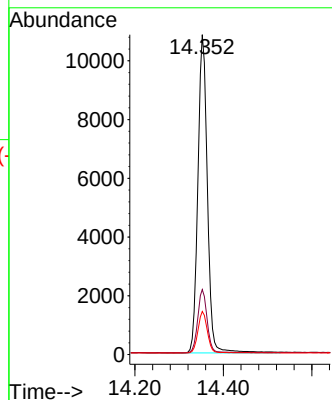
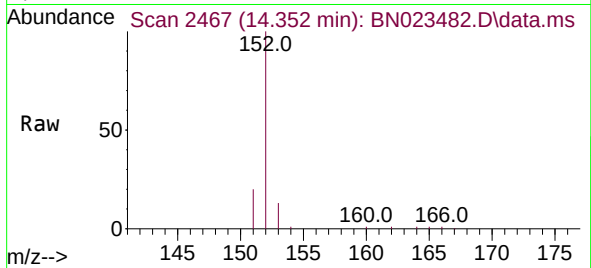




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.352 min Scan# 2467
Delta R.T. -0.006 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

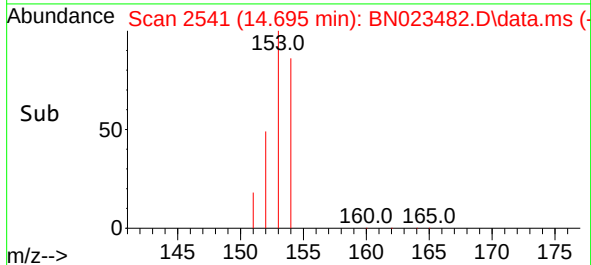
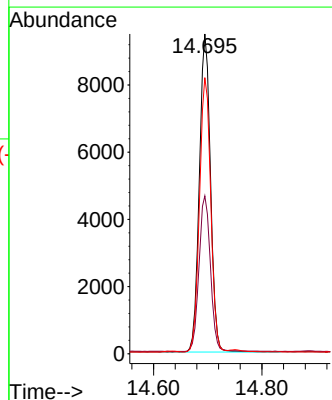
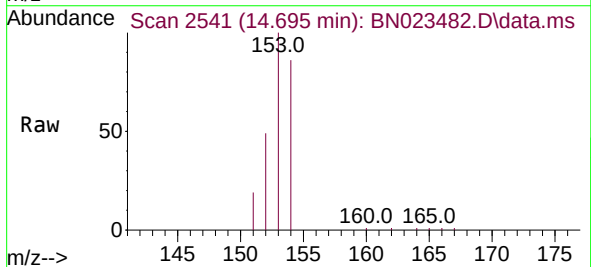
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BNA_N
ClientSampleId :
SLCS683

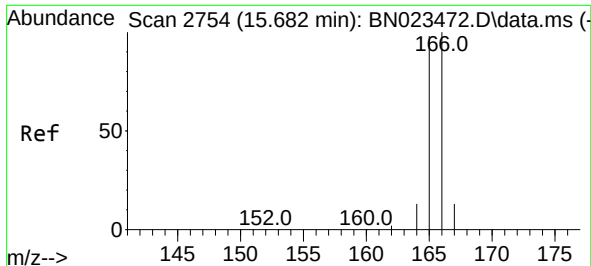
Tgt Ion:152 Resp: 16167
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.695 min Scan# 2541
Delta R.T. -0.006 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion:153 Resp: 13475
Ion Ratio Lower Upper
153 100
152 49.4 41.0 61.4
154 86.3 69.5 104.3

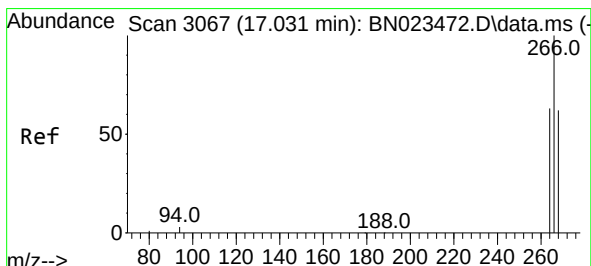
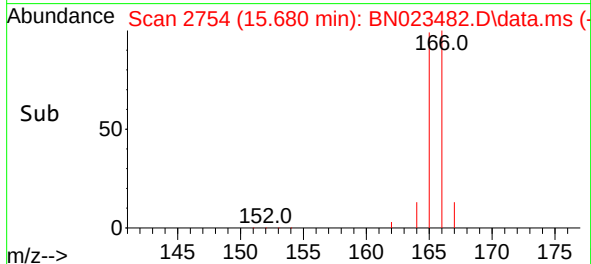
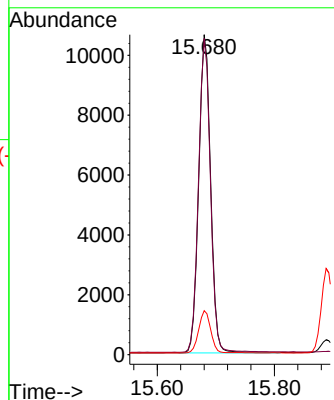
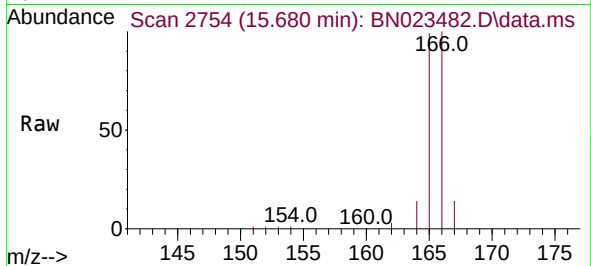




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

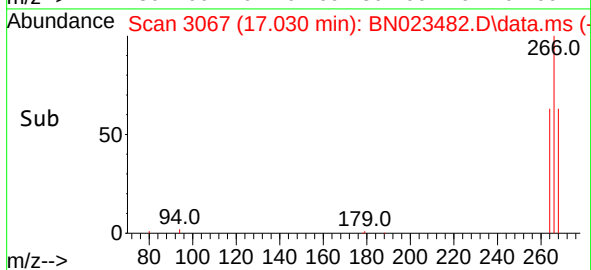
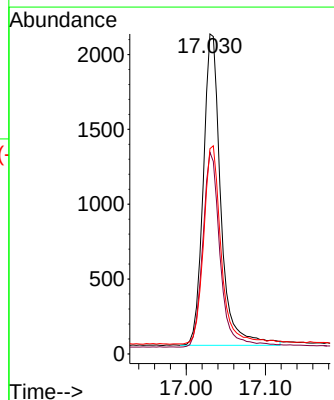
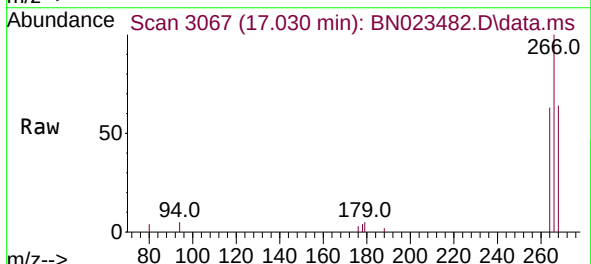
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BNA_N
ClientSampleId :
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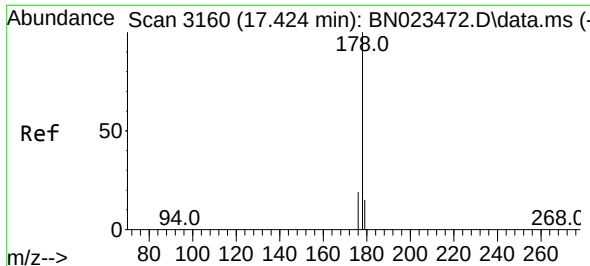
Tgt Ion:166 Resp: 14902
Ion Ratio Lower Upper
166 100
165 98.8 79.1 118.7
167 13.7 11.0 16.4



#14
Pentachlorophenol
Concen: 0.554 ng/ul
RT: 17.030 min Scan# 3067
Delta R.T. -0.010 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion:266 Resp: 3212
Ion Ratio Lower Upper
266 100
264 62.1 49.8 74.6
268 64.2 51.4 77.0

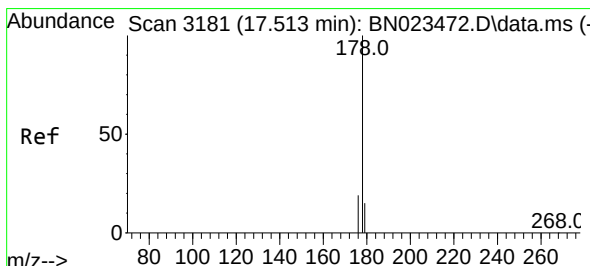
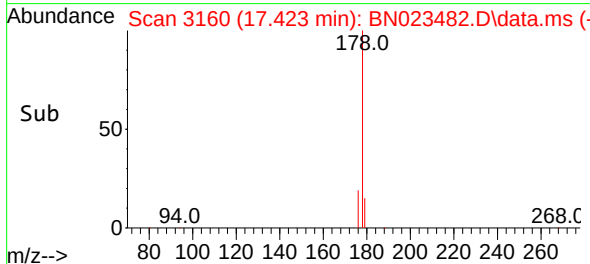
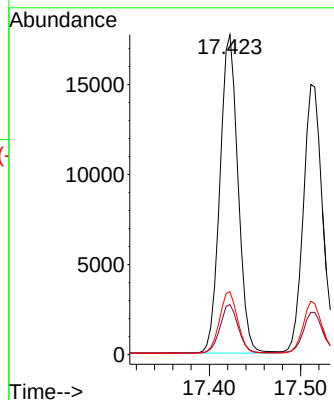
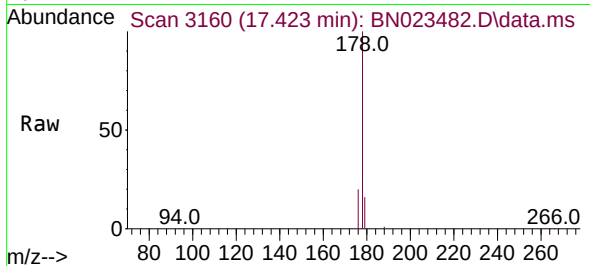




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.005 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

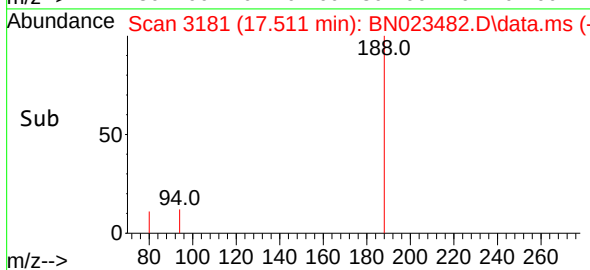
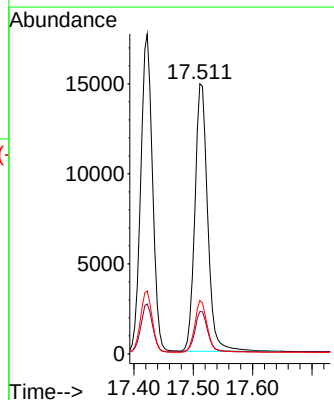
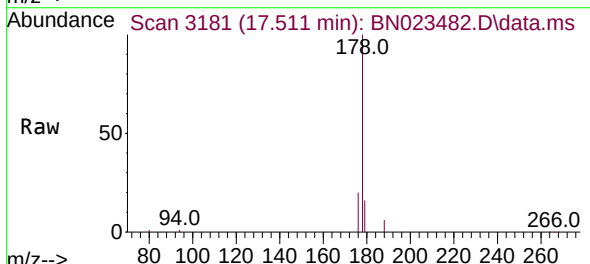
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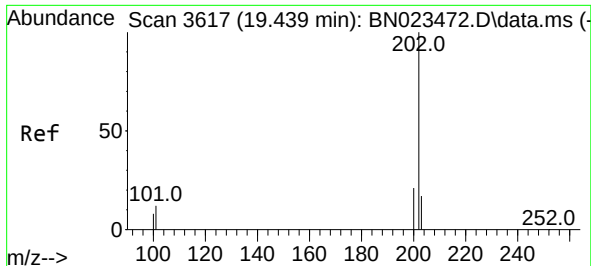
Tgt Ion:178 Resp: 24329
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.511 min Scan# 3181
Delta R.T. -0.010 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion:178 Resp: 22181
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.8 15.4 23.0

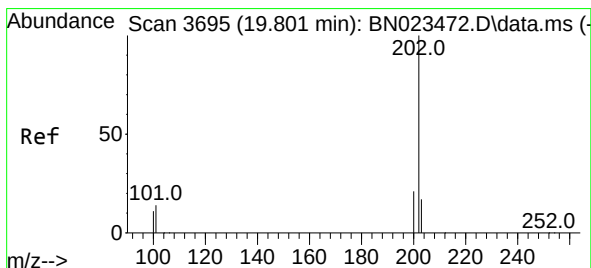
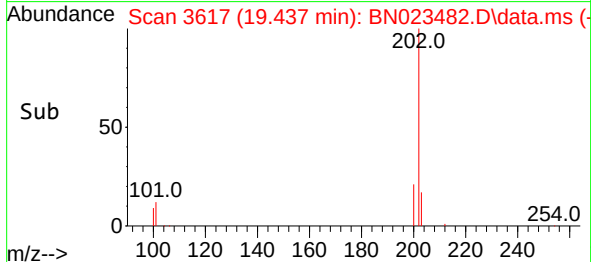
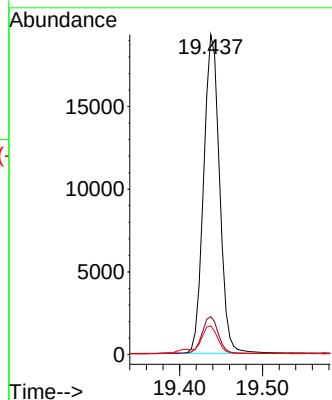
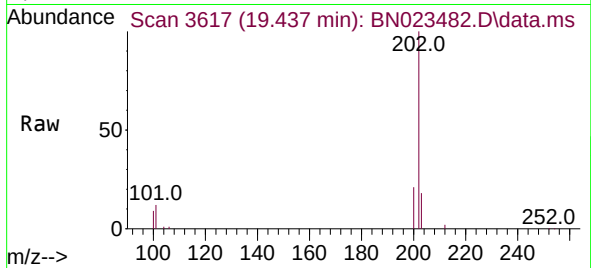




#19
Fluoranthene
Concen: 0.450 ng/ul
RT: 19.437 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

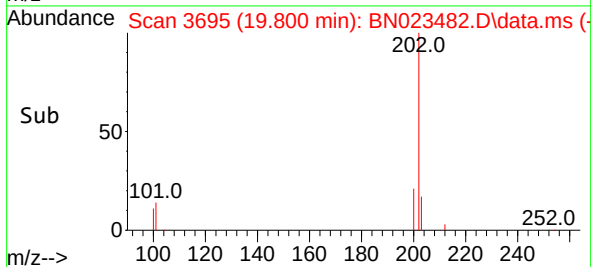
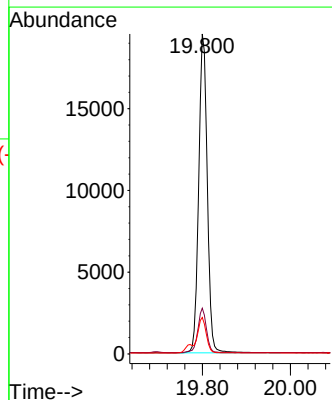
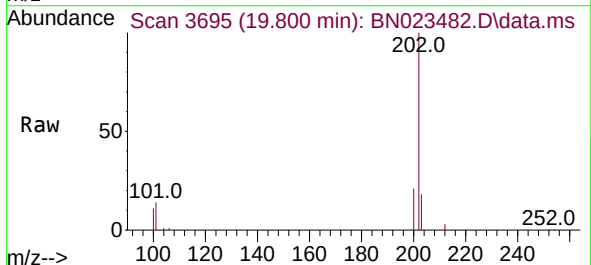
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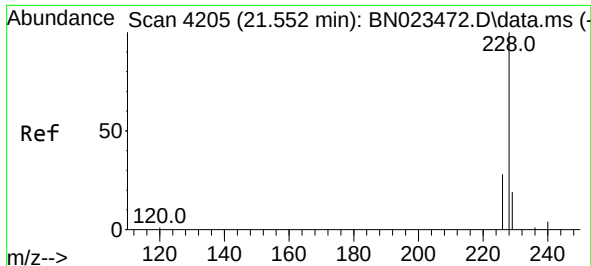
Tgt Ion:202 Resp: 25601
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.459 ng/ul
RT: 19.800 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion:202 Resp: 26329
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.4 9.0 13.4

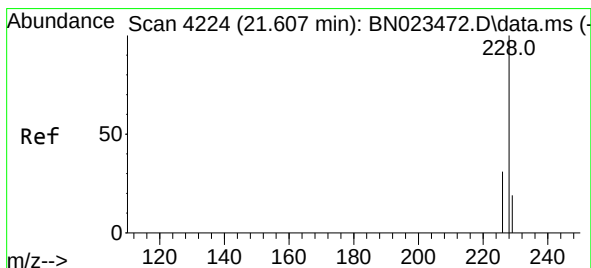
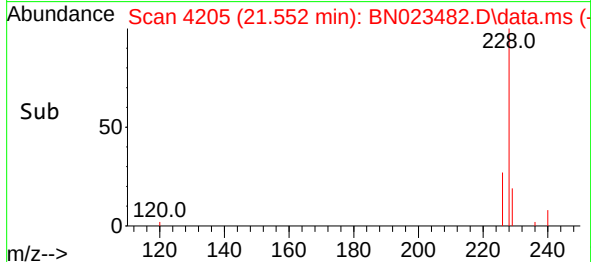
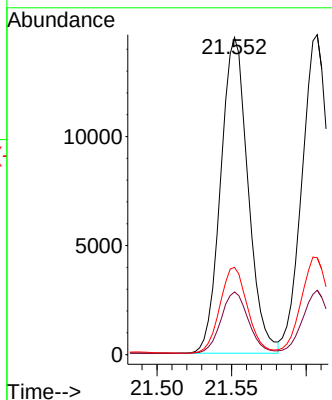
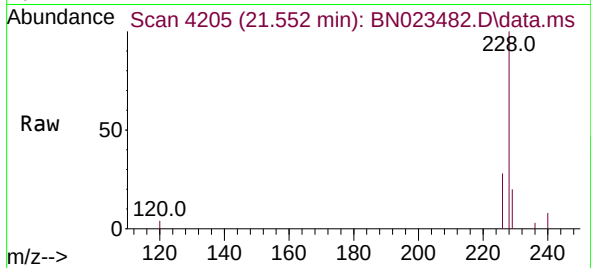




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.552 min Scan# 4205
Delta R.T. -0.004 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

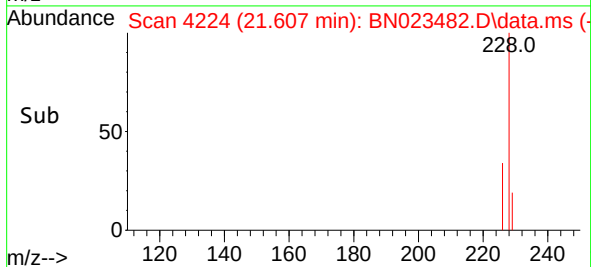
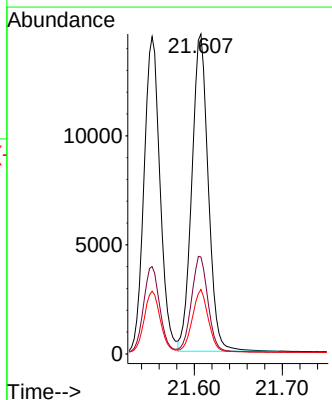
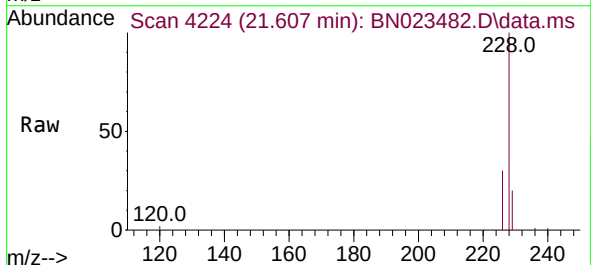
Instrument :
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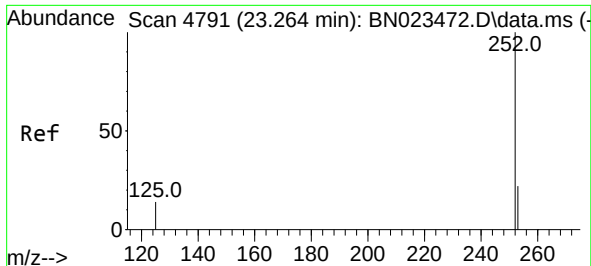
Tgt Ion:228 Resp: 18457
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.607 min Scan# 4224
Delta R.T. -0.004 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion:228 Resp: 18830
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.1 15.8 23.6

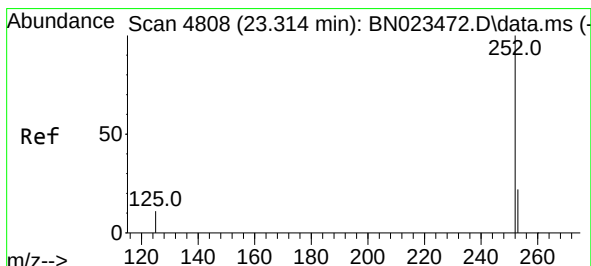
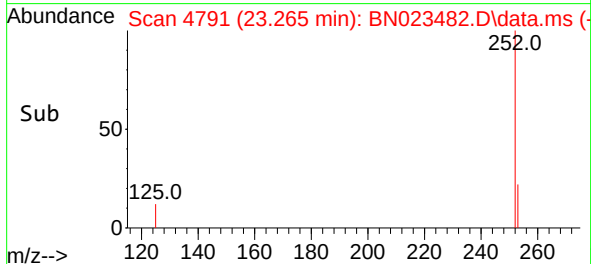
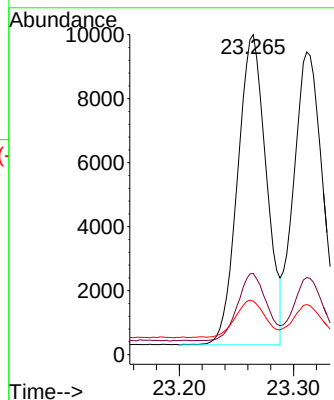
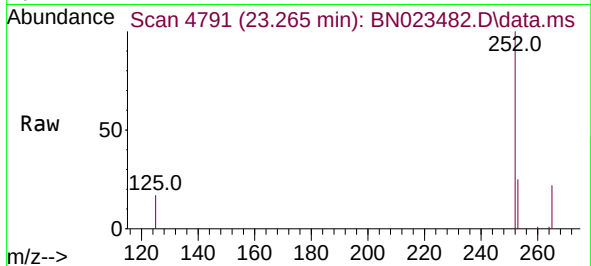




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.265 min Scan# 4791
Delta R.T. -0.004 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

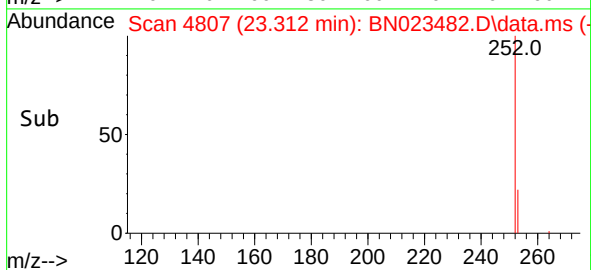
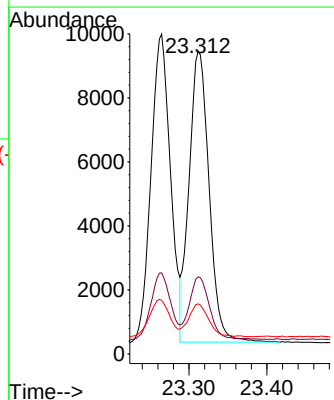
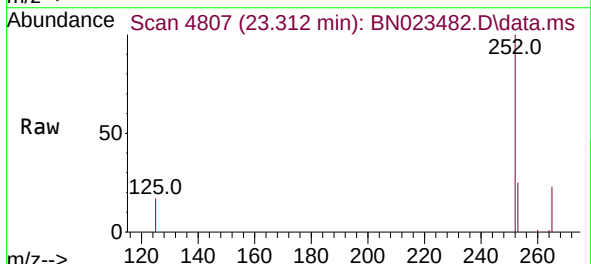
Instrument :
BNA_N
ClientSampleId :
SLCS683

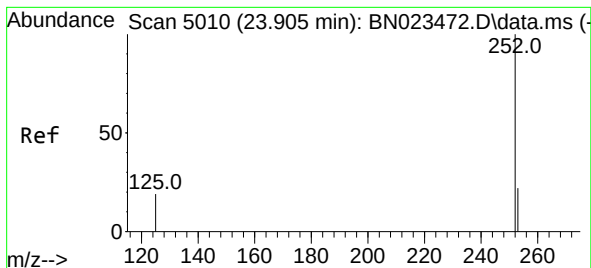
Tgt Ion:252 Resp: 16918
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.2
125 16.7 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 23.312 min Scan# 4807
Delta R.T. -0.007 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion:252 Resp: 16237
Ion Ratio Lower Upper
252 100
253 25.5 19.8 29.6
125 16.5 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.370 ng/ul

RT: 23.902 min Scan# 5010

Delta R.T. -0.007 min

Lab File: BN023482.D

Acq: 26 Dec 2022 12:28

Instrument :

BNA_N

ClientSampleId :

SLCS683

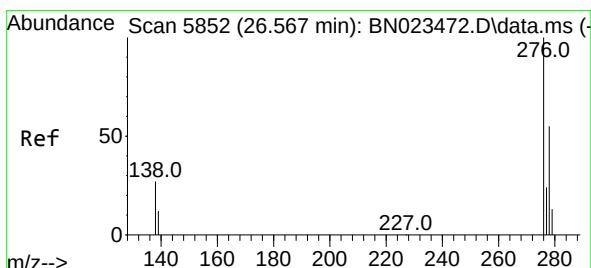
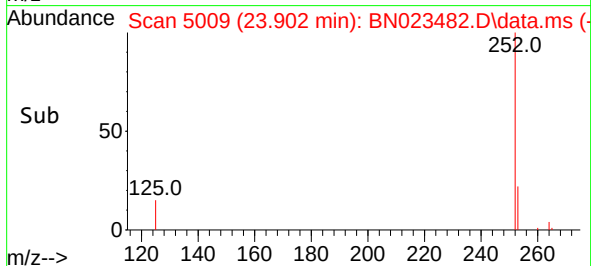
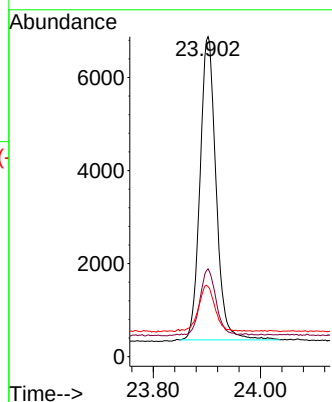
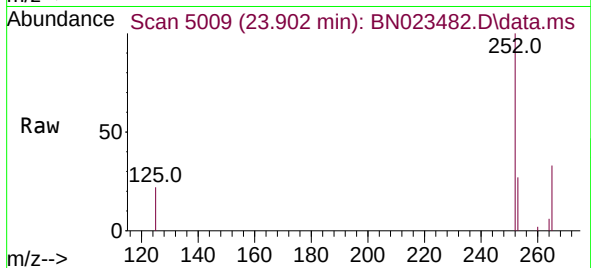
Tgt Ion:252 Resp: 13539

Ion Ratio Lower Upper

252 100

253 27.4 21.4 32.2

125 21.9 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.402 ng/ul

RT: 26.561 min Scan# 5850

Delta R.T. -0.015 min

Lab File: BN023482.D

Acq: 26 Dec 2022 12:28

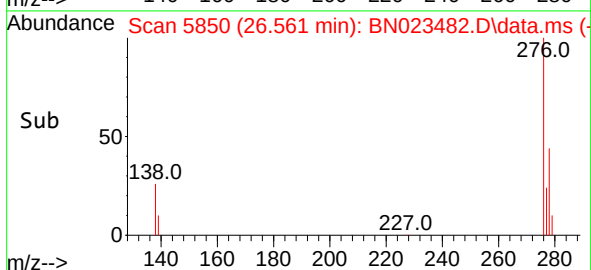
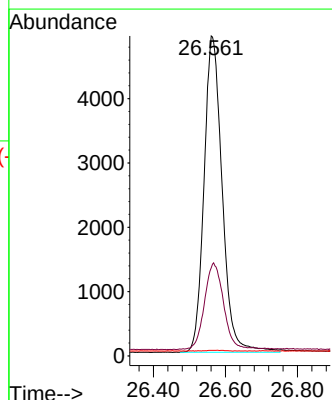
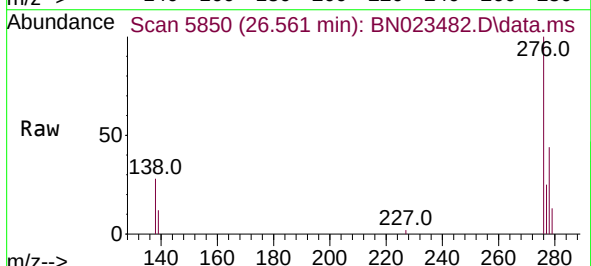
Tgt Ion:276 Resp: 17208

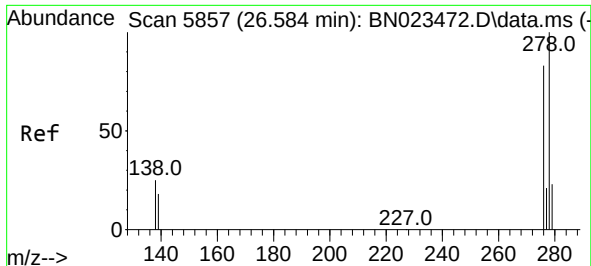
Ion Ratio Lower Upper

276 100

138 29.1 23.4 35.2

227 0.3 0.0 0.0#

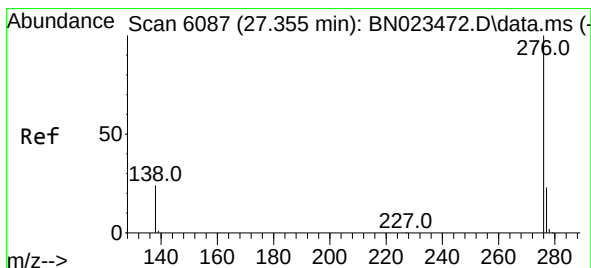
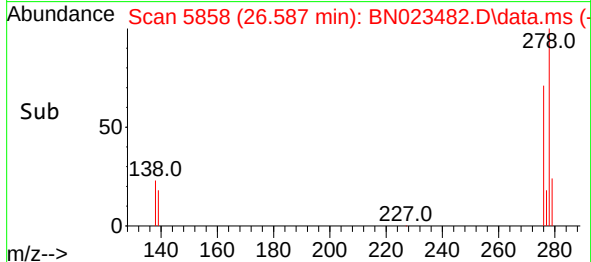
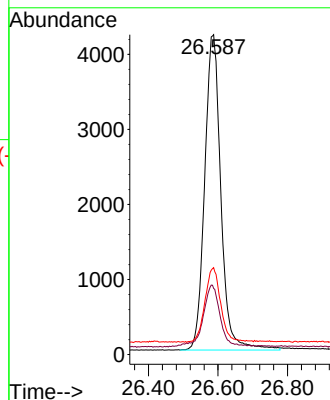
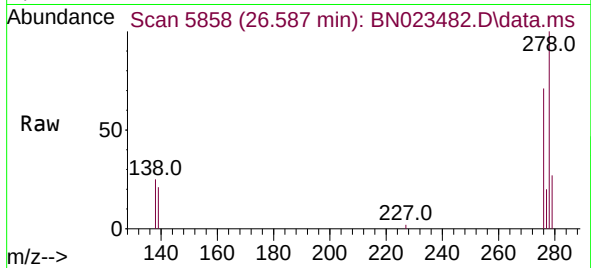




#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.587 min Scan# 5857
Delta R.T. -0.011 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Instrument :
BNA_N
ClientSampleId :
SLCS683

Tgt Ion:278 Resp: 13598
Ion Ratio Lower Upper
278 100
139 20.7 16.6 24.8
279 27.2 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 27.349 min Scan# 6085
Delta R.T. -0.018 min
Lab File: BN023482.D
Acq: 26 Dec 2022 12:28

Tgt Ion:276 Resp: 14592
Ion Ratio Lower Upper
276 100
138 26.4 20.3 30.5
277 24.4 19.7 29.5

