

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023307.D
 Acq On : 21 Dec 2022 10:10
 Operator : CG/JU
 Sample : SST0.259
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 21 11:56:35 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 : Wed Dec 21 11:52:04 2022
 Response via : Initial Calibration

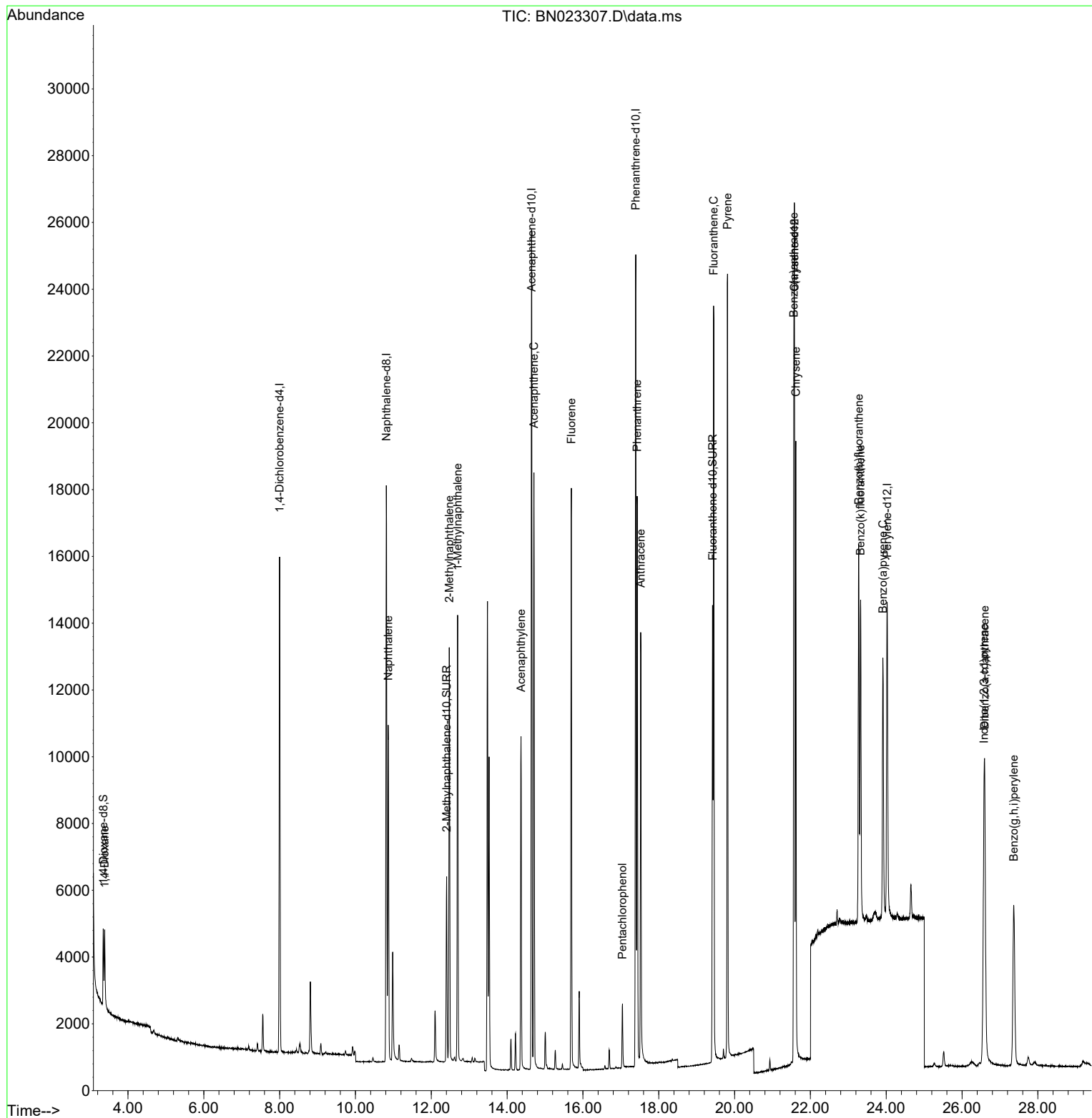
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	22823	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	13128	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.393	188	27726	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	20253	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	14126	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	1674	0.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	7052	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	14642	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	1687	0.201	ng/ul#	87
5) Naphthalene	10.863	128	13480	0.202	ng/ul	99
7) 2-Methylnaphthalene	12.475	142	8580	0.203	ng/ul	100
8) 1-Methylnaphthalene	12.695	142	8871	0.202	ng/ul	100
10) Acenaphthylene	14.366	152	11362	0.200	ng/ul	99
11) Acenaphthene	14.709	153	9856	0.202	ng/ul	99
12) Fluorene	15.694	166	10843	0.201	ng/ul	98
14) Pentachlorophenol	17.043	266	1304	0.189	ng/ul	99
15) Phenanthrene	17.431	178	17997	0.202	ng/ul	99
16) Anthracene	17.524	178	14357	0.200	ng/ul	99
19) Fluoranthene	19.451	202	19242	0.194	ng/ul	99
20) Pyrene	19.814	202	19781	0.195	ng/ul	98
21) Benzo(a)anthracene	21.561	228	15928	0.199	ng/ul	100
22) Chrysene	21.616	228	15856	0.193	ng/ul	100
24) Benzo(b)fluoranthene	23.277	252	14649	0.201	ng/ul	90
25) Benzo(k)fluoranthene	23.323	252	13318	0.198	ng/ul#	91
26) Benzo(a)pyrene	23.914	252	11680	0.202	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.577	276	13501	0.200	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.597	278	10405	0.200	ng/ul	96
29) Benzo(g,h,i)perylene	27.366	276	11028	0.199	ng/ul	97

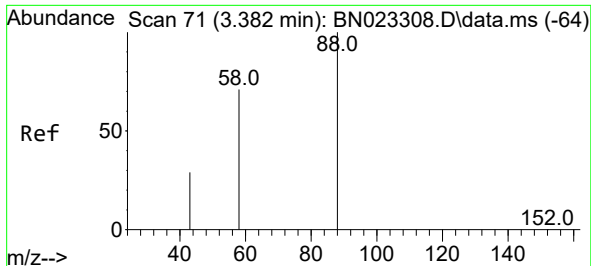
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023307.D
Acq On : 21 Dec 2022 10:10
Operator : CG/JU
Sample : SST0.259
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 21 11:56:35 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 : Wed Dec 21 11:52:04 2022
Response via : Initial Calibration

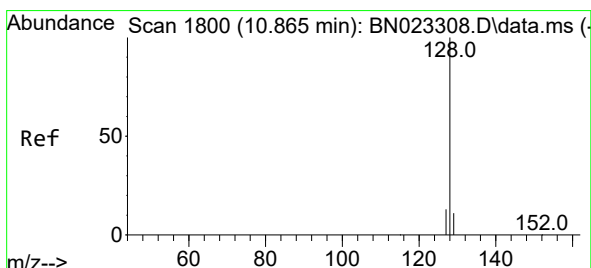
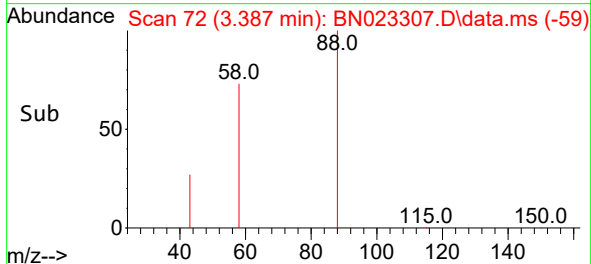
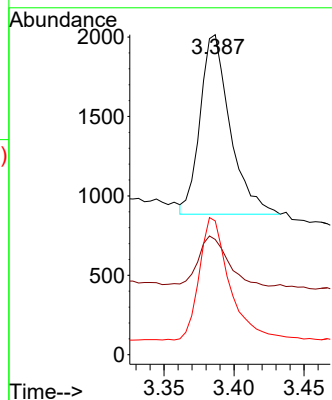
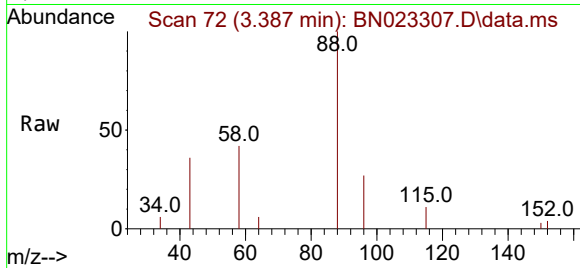




#2
1,4-Dioxane
Concen: 0.201 ng/ul
RT: 3.387 min Scan# 71
Delta R.T. 0.004 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

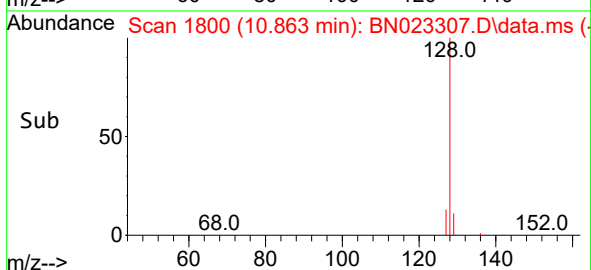
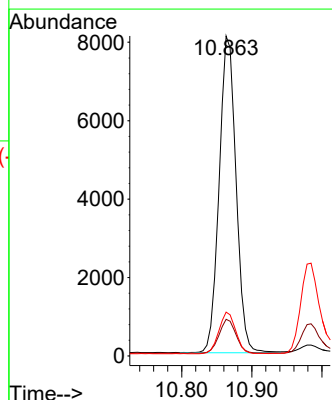
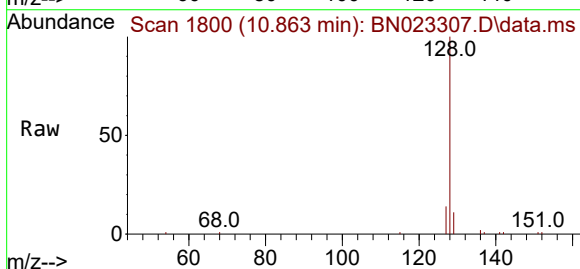
Instrument :
BNA_N
ClientSampleId :

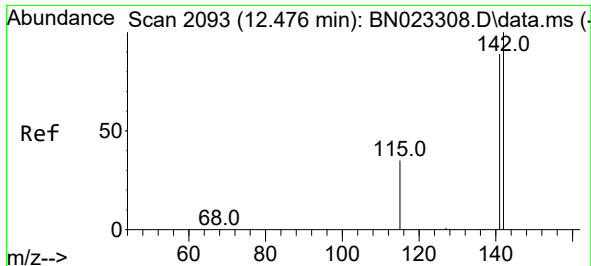
Tgt Ion: 88 Resp: 1687
Ion Ratio Lower Upper
88 100
43 36.0 28.4 42.6
58 41.8 45.6 68.4#



#5
Naphthalene
Concen: 0.202 ng/ul
RT: 10.863 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

Tgt Ion: 128 Resp: 13480
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.7 10.7 16.1

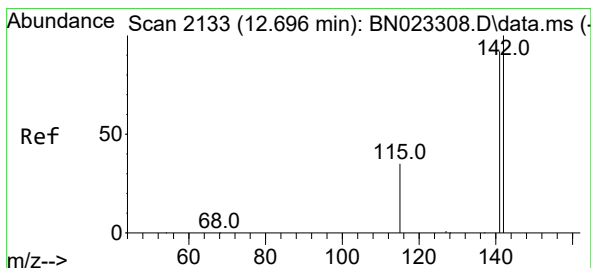
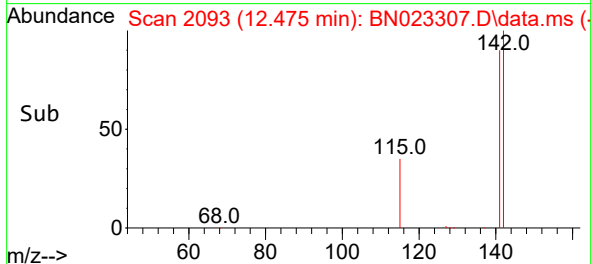
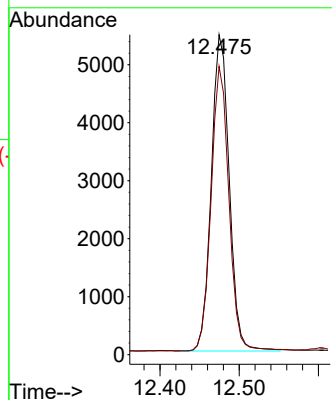
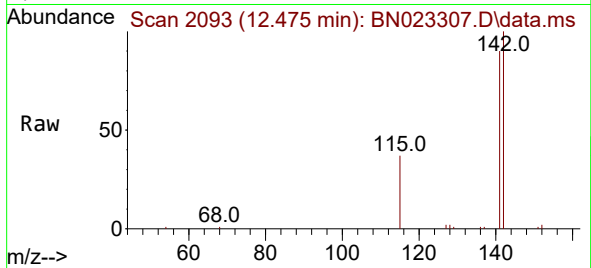




#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.475 min Scan# 2093
Delta R.T. -0.001 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

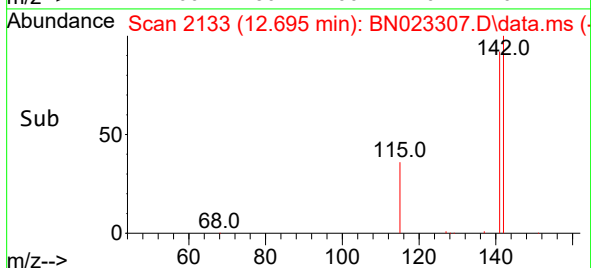
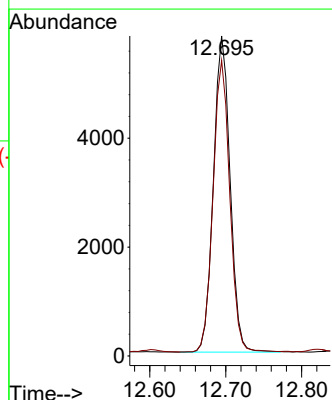
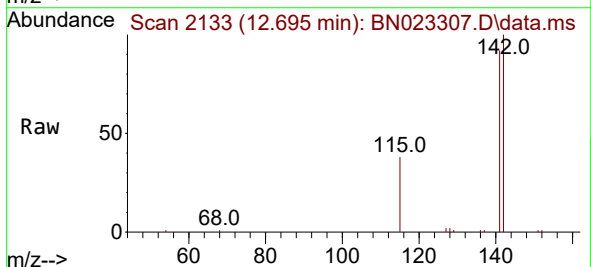
Instrument :
BNA_N
ClientSampleId :

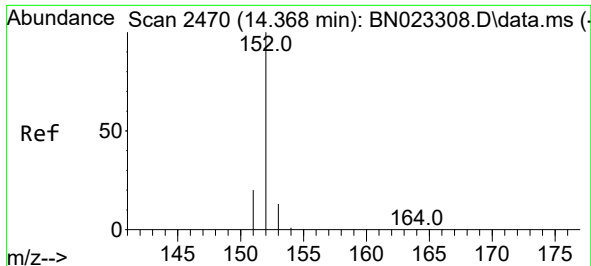
Tgt Ion:142 Resp: 8580
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.695 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

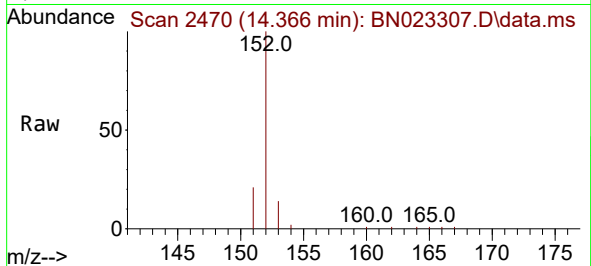
Tgt Ion:142 Resp: 8871
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0



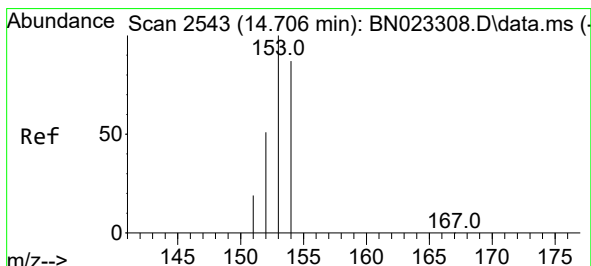
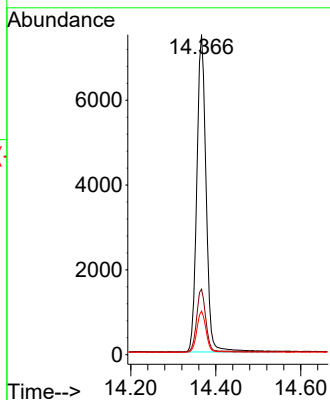
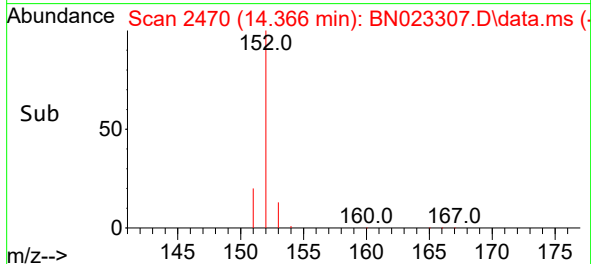


#10
Acenaphthylene
Concen: 0.200 ng/ul
RT: 14.366 min Scan# 2470
Delta R.T. -0.002 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

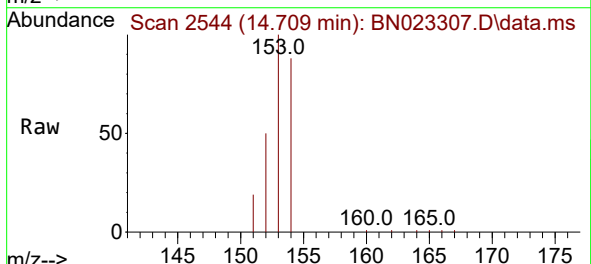
Instrument :
BNA_N
ClientSampleId :



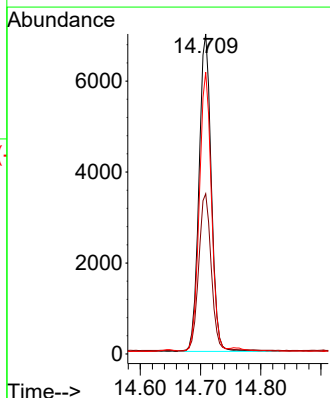
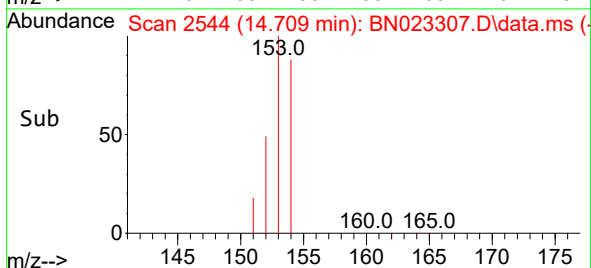
Tgt Ion:152 Resp: 11362
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.6 10.9 16.3

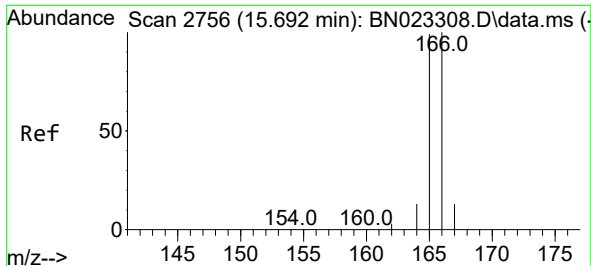


#11
Acenaphthene
Concen: 0.202 ng/ul
RT: 14.709 min Scan# 2544
Delta R.T. 0.003 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10



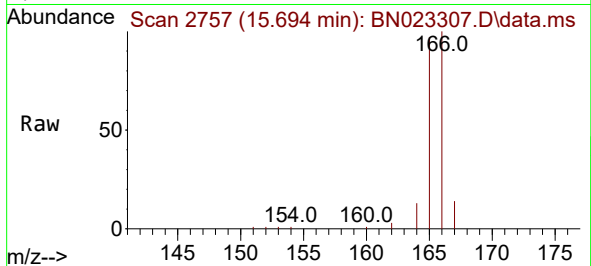
Tgt Ion:153 Resp: 9856
Ion Ratio Lower Upper
153 100
152 50.0 41.0 61.4
154 88.0 69.5 104.3



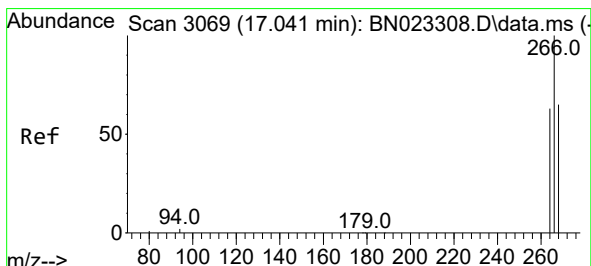
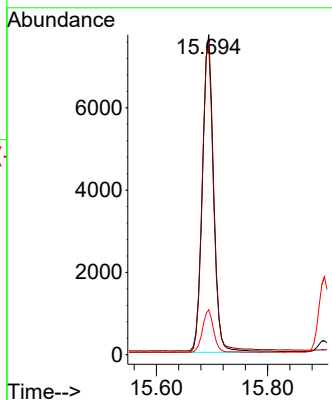
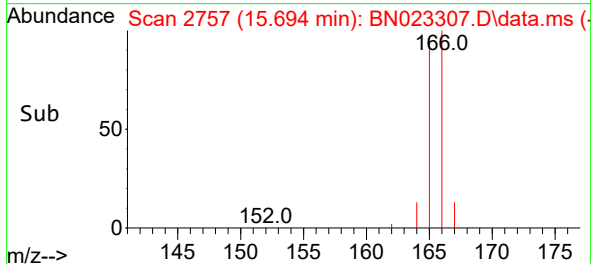


#12
Fluorene
Concen: 0.201 ng/ul
RT: 15.694 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

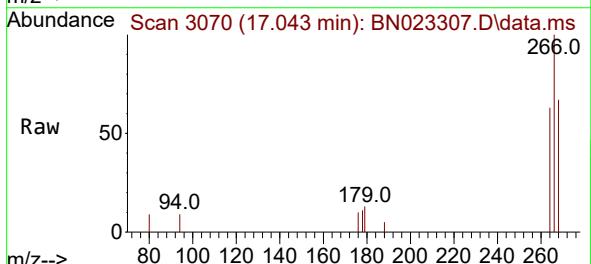
Instrument :
BNA_N
ClientSampleId :



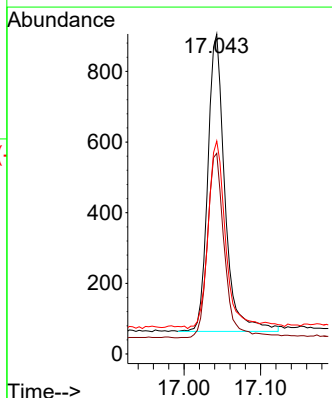
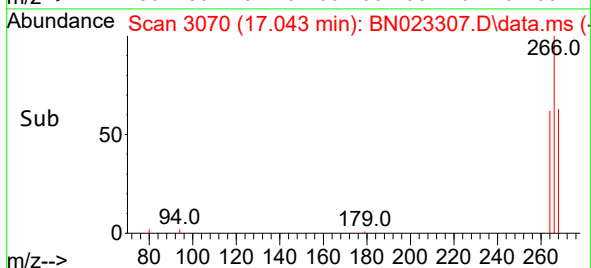
Tgt Ion:166 Resp: 10843
Ion Ratio Lower Upper
166 100
165 96.8 79.1 118.7
167 14.1 11.0 16.4

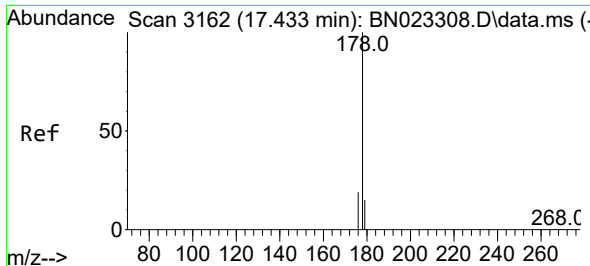


#14
Pentachlorophenol
Concen: 0.189 ng/ul
RT: 17.043 min Scan# 3070
Delta R.T. 0.002 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10



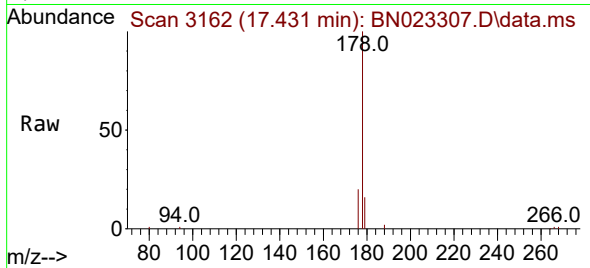
Tgt Ion:266 Resp: 1304
Ion Ratio Lower Upper
266 100
264 62.0 49.8 74.6
268 65.9 51.4 77.0



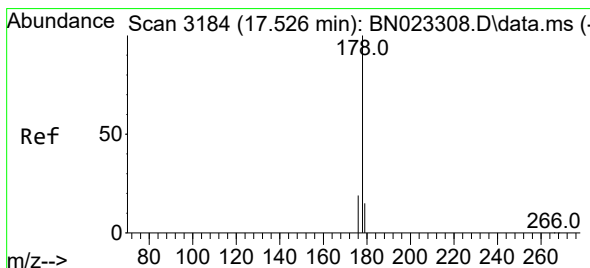
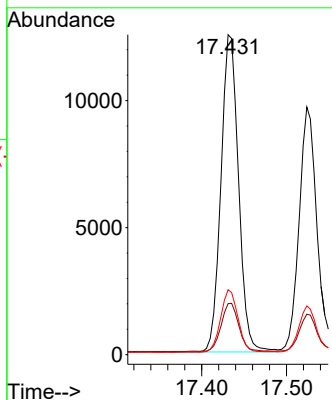


#15
Phenanthrene
Concen: 0.202 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

Instrument :
BNA_N
ClientSampleId :

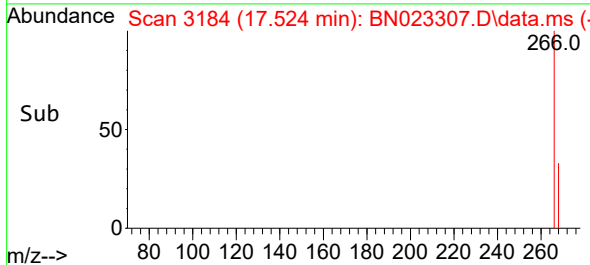
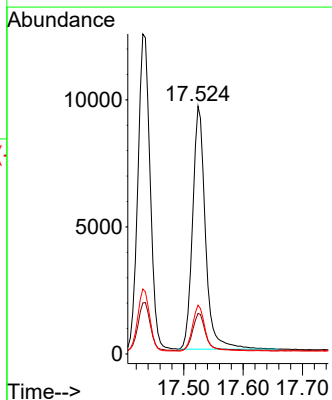
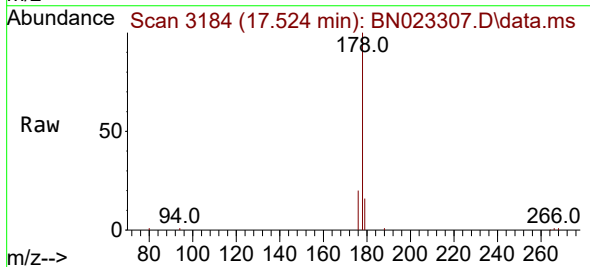


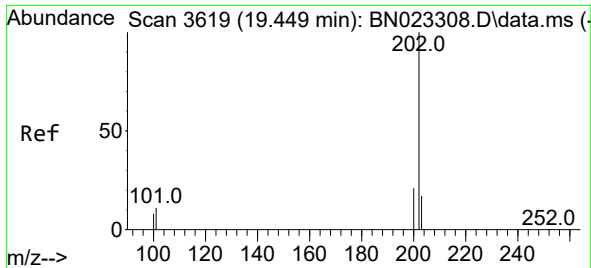
Tgt Ion:178 Resp: 17997
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 20.3 15.7 23.5



#16
Anthracene
Concen: 0.200 ng/ul
RT: 17.524 min Scan# 3184
Delta R.T. -0.002 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

Tgt Ion:178 Resp: 14357
Ion Ratio Lower Upper
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179 16.3 12.6 18.8
176 19.7 15.4 23.0

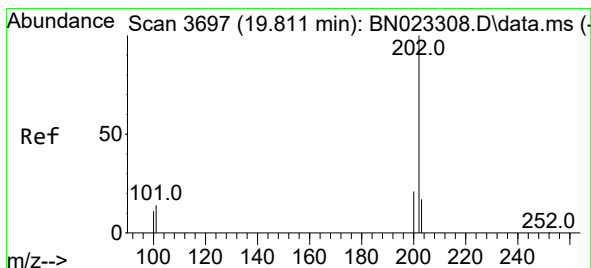
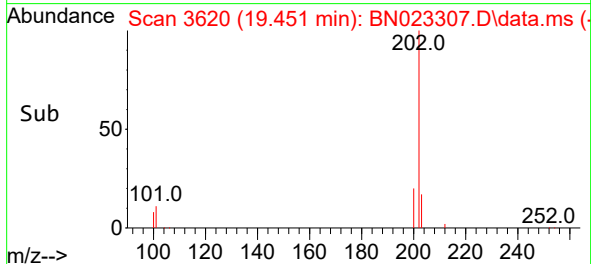
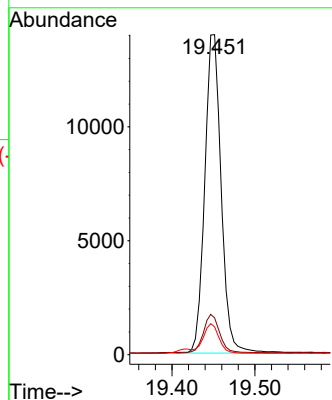
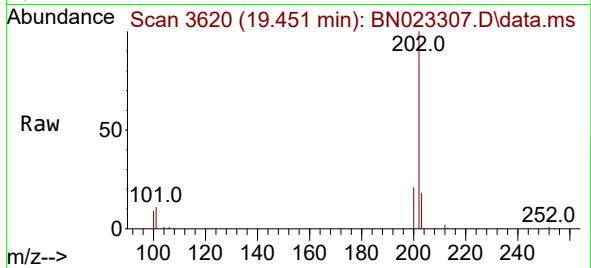




#19
Fluoranthene
Concen: 0.194 ng/ul
RT: 19.451 min Scan# 3620
Delta R.T. 0.003 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

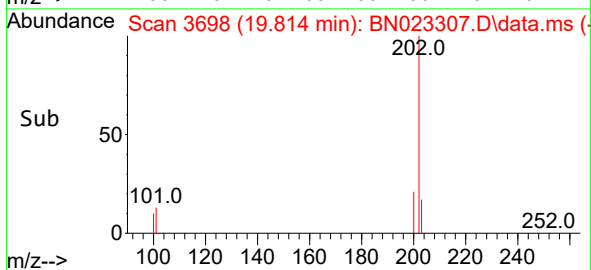
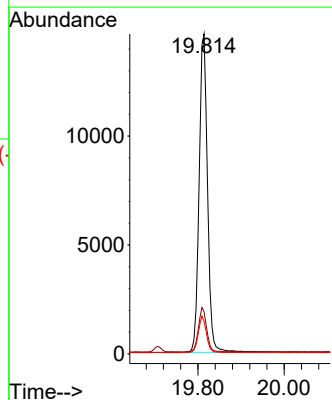
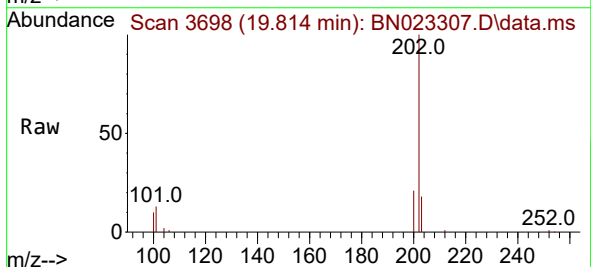
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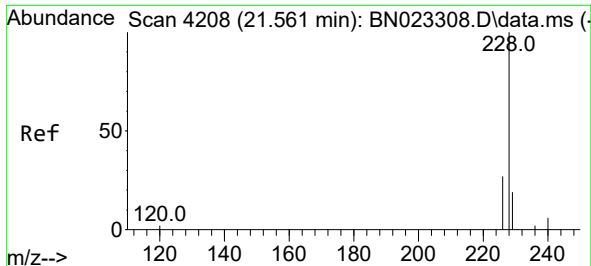
Tgt Ion:202 Resp: 19242
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.2
100 8.7 7.0 10.6



#20
Pyrene
Concen: 0.195 ng/ul
RT: 19.814 min Scan# 3698
Delta R.T. 0.003 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

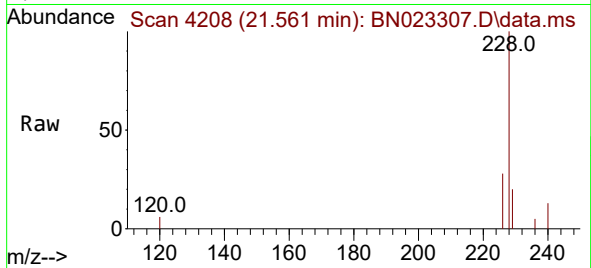
Tgt Ion:202 Resp: 19781
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.2 9.0 13.4



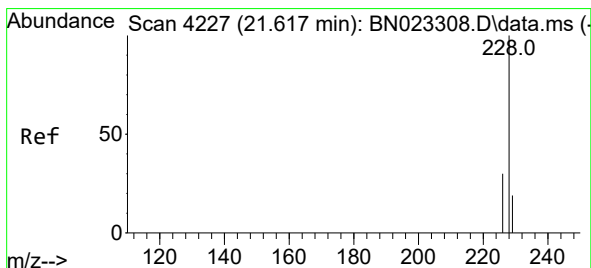
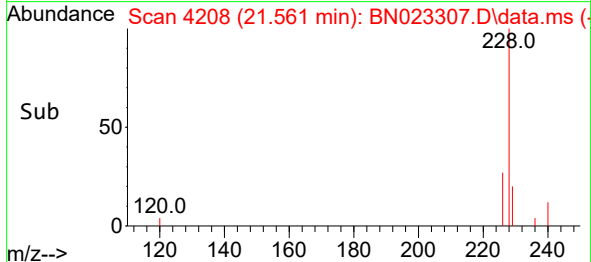
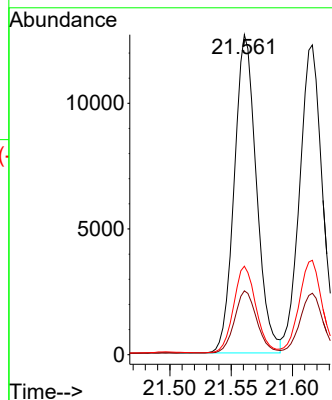


#21
Benzo(a)anthracene
Concen: 0.199 ng/ul
RT: 21.561 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

Instrument :
BNA_N
ClientSampleId :

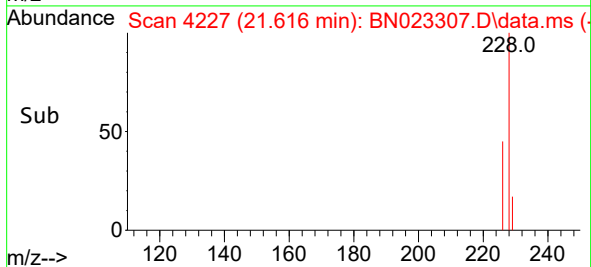
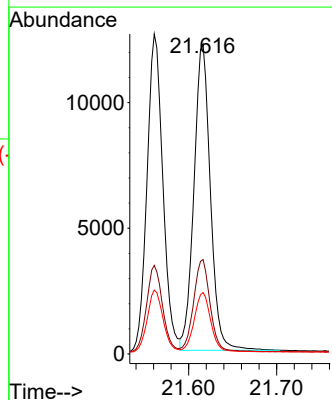
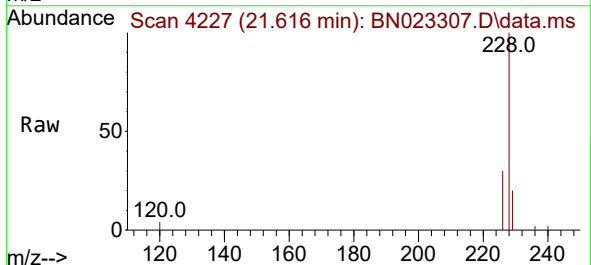


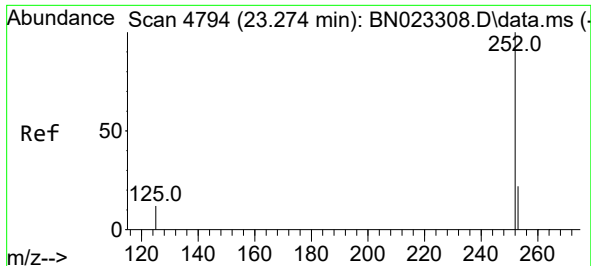
Tgt Ion:228 Resp: 15928
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.193 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.000 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

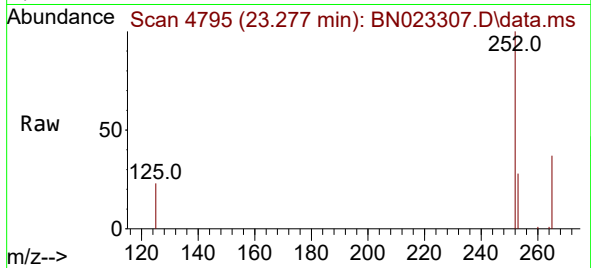
Tgt Ion:228 Resp: 15856
Ion Ratio Lower Upper
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226 30.5 24.3 36.5
229 19.8 15.8 23.6



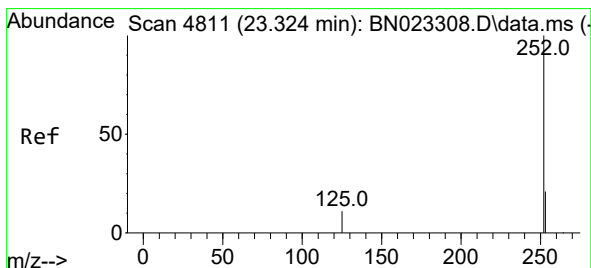
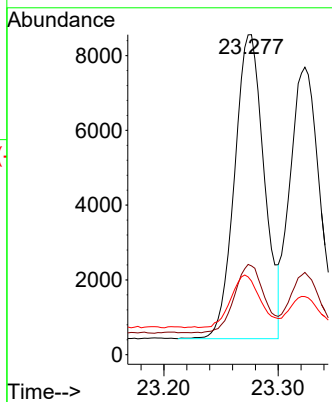
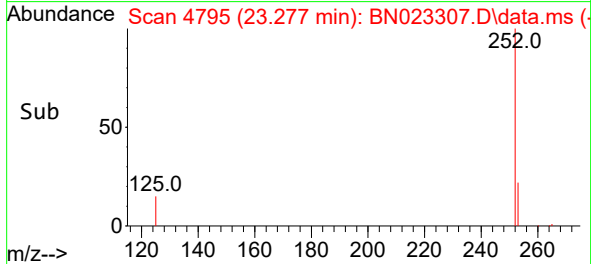


#24
Benzo(b)fluoranthene
Concen: 0.201 ng/ul
RT: 23.277 min Scan# 4795
Delta R.T. 0.003 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

Instrument :
BNA_N
ClientSampleId :

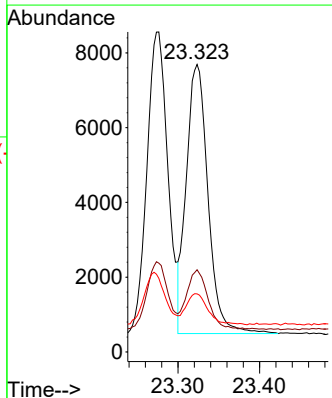
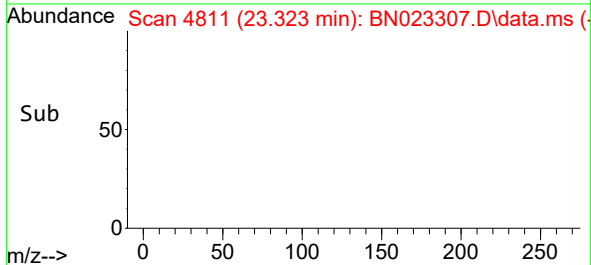
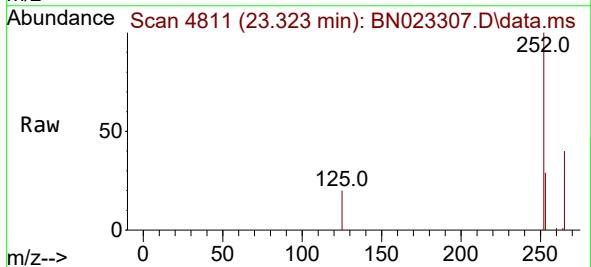


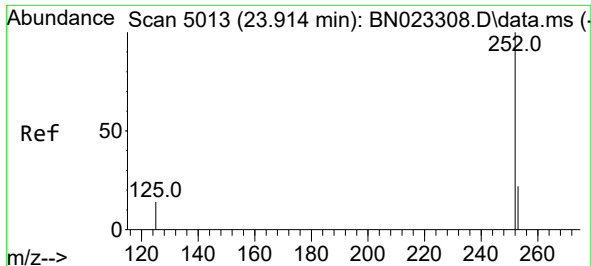
Tgt Ion:252 Resp: 14649
Ion Ratio Lower Upper
252 100
253 27.7 0.0 49.2
125 23.0 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.198 ng/ul
RT: 23.323 min Scan# 4811
Delta R.T. -0.000 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

Tgt Ion:252 Resp: 13318
Ion Ratio Lower Upper
252 100
253 28.6 19.8 29.6
125 20.2 12.6 18.8#

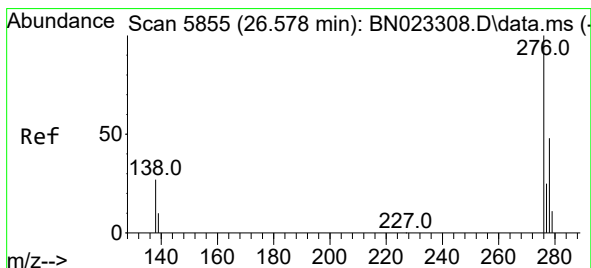
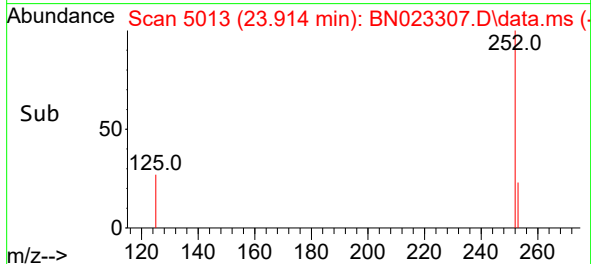
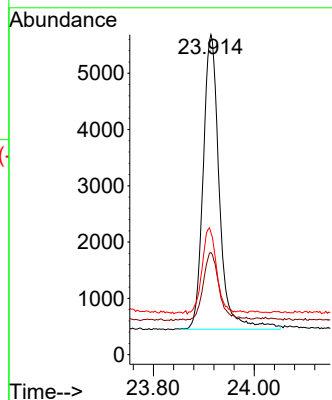
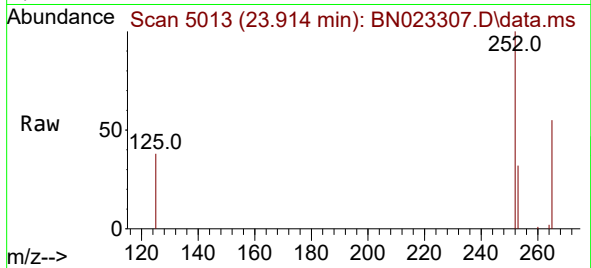




#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 23.914 min Scan# 5013
Delta R.T. -0.000 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

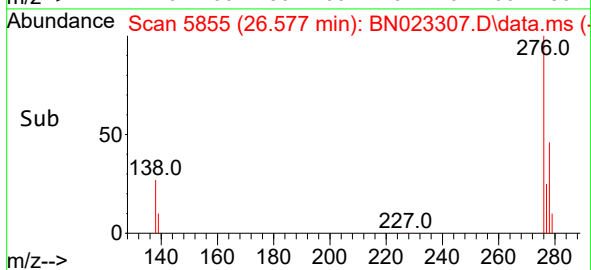
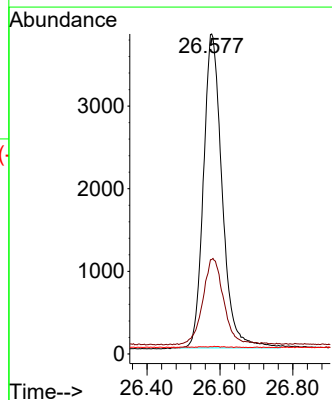
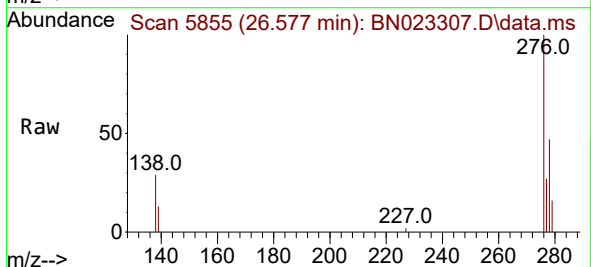
Instrument :
BNA_N
ClientSampleId :

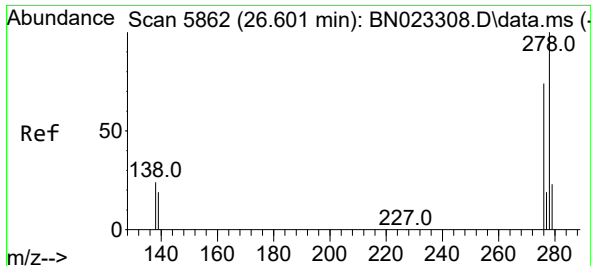
Tgt Ion:252 Resp: 11680
Ion Ratio Lower Upper
252 100
253 31.9 21.4 32.2
125 38.2 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. -0.000 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

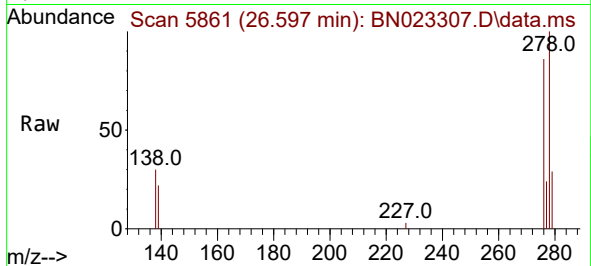
Tgt Ion:276 Resp: 13501
Ion Ratio Lower Upper
276 100
138 30.5 23.4 35.2
227 0.2 0.0 0.0#



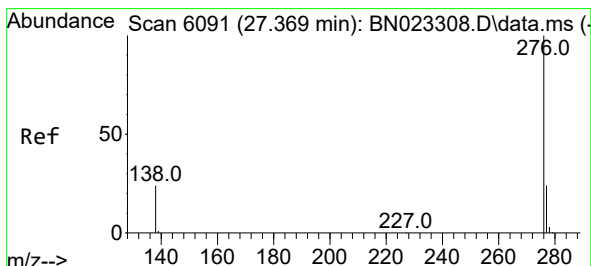
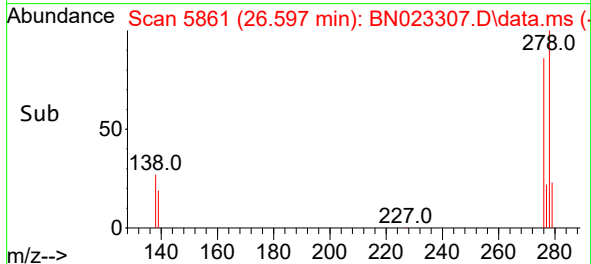
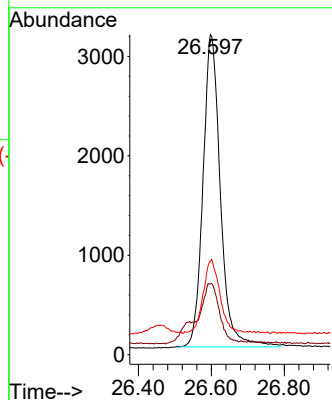


#28
Dibenzo(a,h)anthracene
Concen: 0.200 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.004 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 10405
Ion Ratio Lower Upper
278 100
139 22.1 16.6 24.8
279 29.2 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 27.366 min Scan# 6090
Delta R.T. -0.004 min
Lab File: BN023307.D
Acq: 21 Dec 2022 10:10

Tgt Ion:276 Resp: 11028
Ion Ratio Lower Upper
276 100
138 27.8 20.3 30.5
277 25.2 19.7 29.5

