

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023194.D
 Acq On : 14 Dec 2022 10:09
 Operator : CG/JU
 Sample : PB149529BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS529

Quant Time: Dec 14 23:19:10 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)

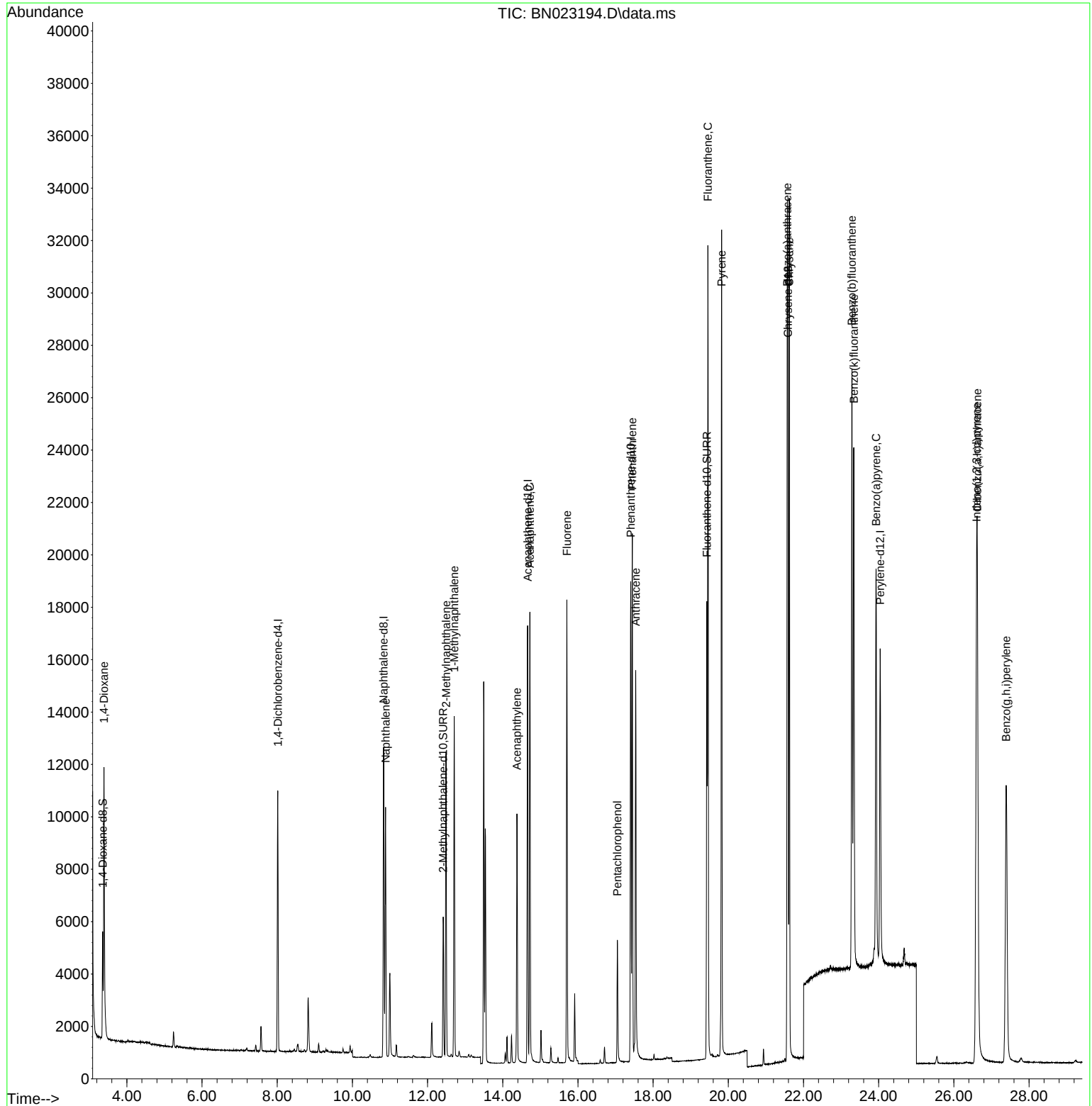
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	4899	0.400	ng/u1	0.00
4) Naphthalene-d8	10.832	136	15327	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.660	164	8953	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.404	188	21128	0.400	ng/u1	0.00
17) Chrysene-d12	21.588	240	20534	0.400	ng/u1	0.00
23) Perylene-d12	24.043	264	17099	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	2937	0.500	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.416	152	6767	0.290	ng/u1	0.00
18) Fluoranthene-d10	19.430	212	18250	0.241	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.391	88	7750	1.264	ng/u1	94
5) Naphthalene	10.881	128	12578	0.270	ng/u1	99
7) 2-Methylnaphthalene	12.493	142	8069	0.278	ng/u1	100
8) 1-Methylnaphthalene	12.707	142	8724	0.295	ng/u1	100
10) Acenaphthylene	14.378	152	10906	0.247	ng/u1	99
11) Acenaphthene	14.720	153	9626	0.275	ng/u1	98
12) Fluorene	15.706	166	11466	0.290	ng/u1	99
14) Pentachlorophenol	17.049	266	3114	0.705	ng/u1#	100
15) Phenanthrene	17.446	178	21135	0.291	ng/u1	99
16) Anthracene	17.539	178	17149	0.276	ng/u1	100
19) Fluoranthene	19.458	202	25208	0.238	ng/u1	98
20) Pyrene	19.821	202	25636	0.247	ng/u1	96
21) Benzo(a)anthracene	21.570	228	25128	0.320	ng/u1	100
22) Chrysene	21.623	228	27620	0.321	ng/u1	100
24) Benzo(b)fluoranthene	23.289	252	28246	0.326	ng/u1	97
25) Benzo(k)fluoranthene	23.338	252	27089	0.296	ng/u1	97
26) Benzo(a)pyrene	23.932	252	23284	0.353	ng/u1#	92
27) Indeno(1,2,3-cd)pyrene	26.605	276	30106	0.384	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.625	278	23532	0.378	ng/u1	100
29) Benzo(g,h,i)perylene	27.393	276	24229	0.354	ng/u1	99

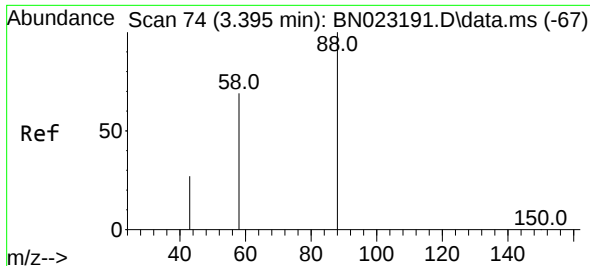
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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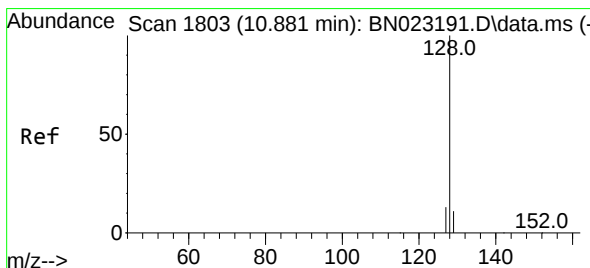
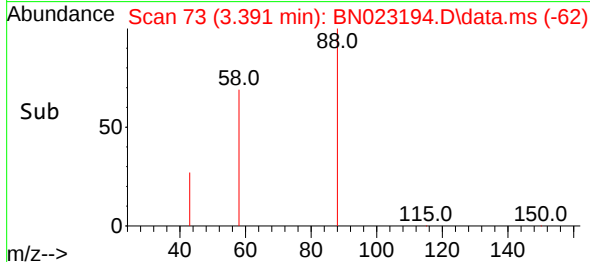
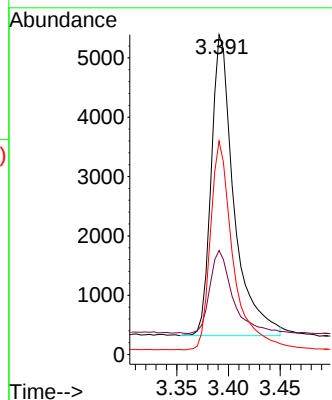
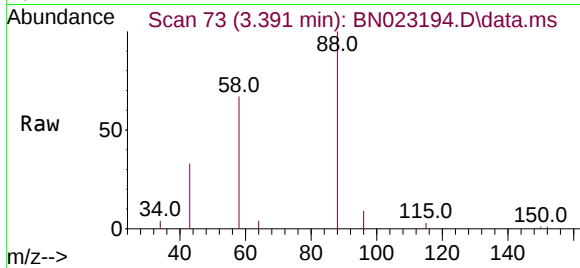




#2
1,4-Dioxane
Concen: 1.264 ng/ul
RT: 3.391 min Scan# 74
Delta R.T. -0.004 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

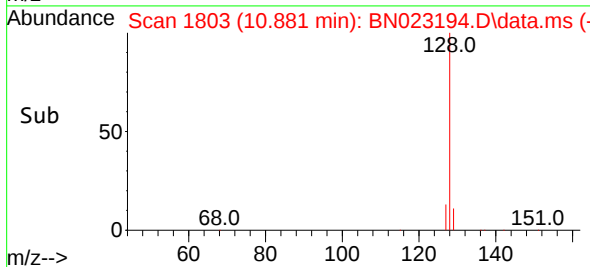
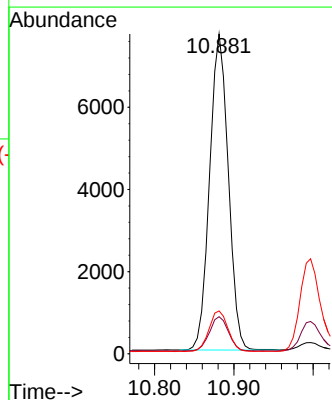
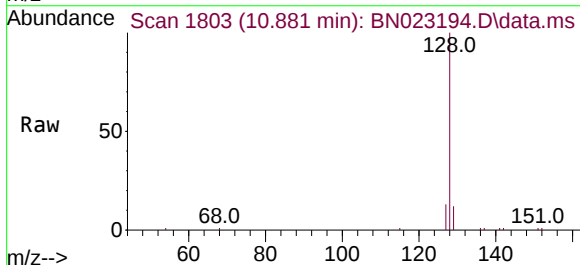
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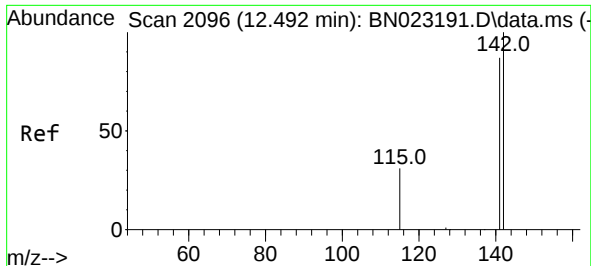
Tgt Ion: 88 Resp: 7750
Ion Ratio Lower Upper
88 100
43 32.5 26.2 39.4
58 66.7 47.6 71.4



#5
Naphthalene
Concen: 0.270 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

Tgt Ion: 128 Resp: 12578
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.4 10.6 16.0

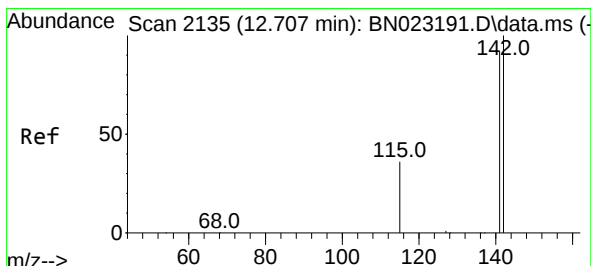
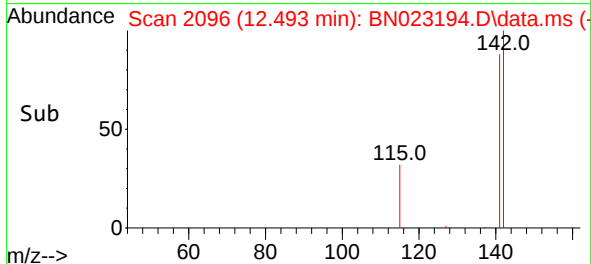
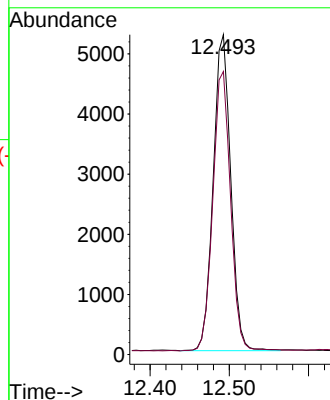
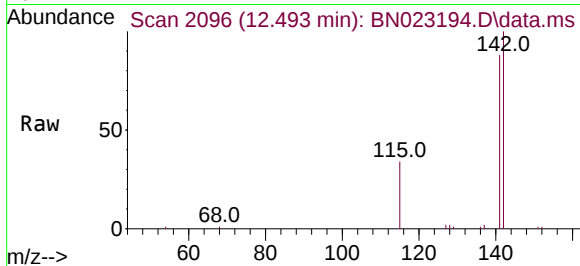




#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.493 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

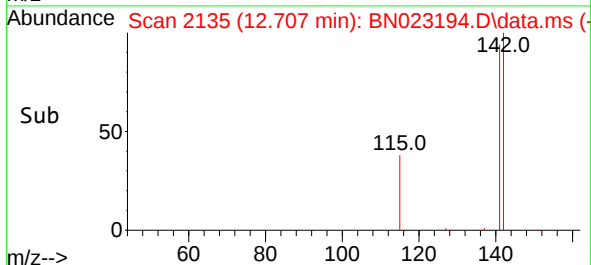
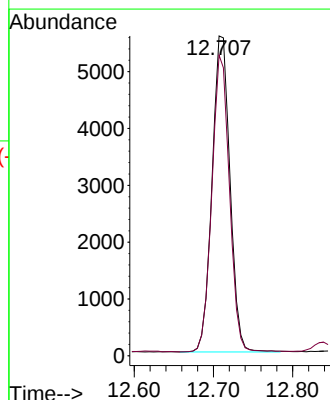
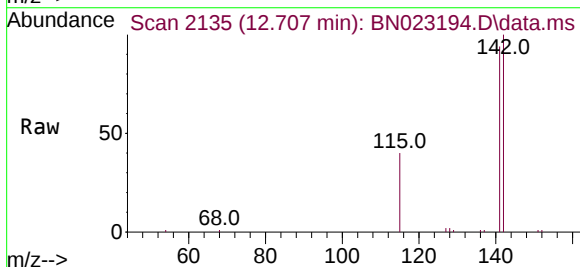
Instrument :
BNA_N
ClientSampleId :
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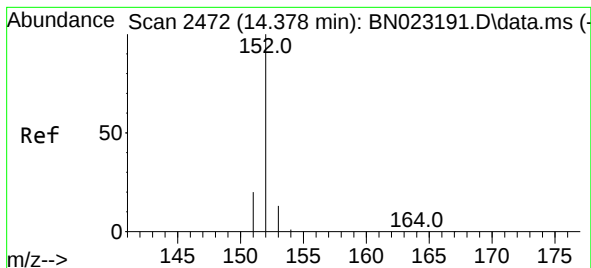
Tgt Ion:142 Resp: 8069
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.707 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

Tgt Ion:142 Resp: 8724
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6





#10

Acenaphthylene

Concen: 0.247 ng/ul

RT: 14.378 min Scan# 2472

Delta R.T. -0.004 min

Lab File: BN023194.D

Acq: 14 Dec 2022 10:09

Instrument :

BNA_N

ClientSampleId :

SLCS529

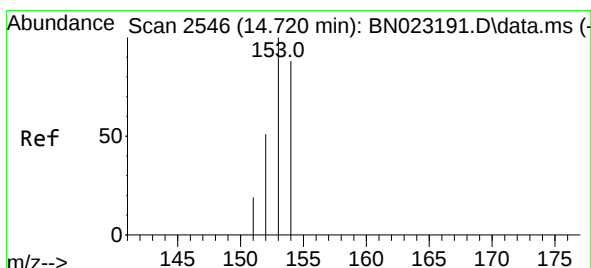
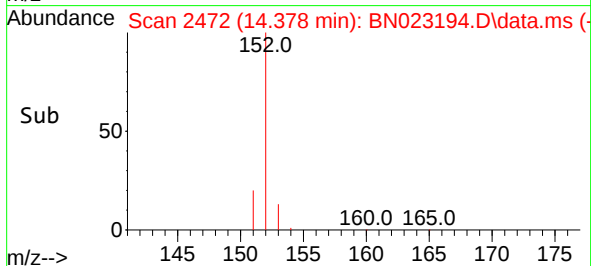
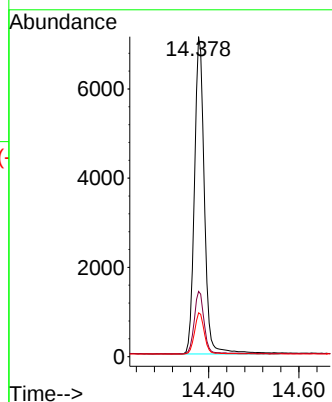
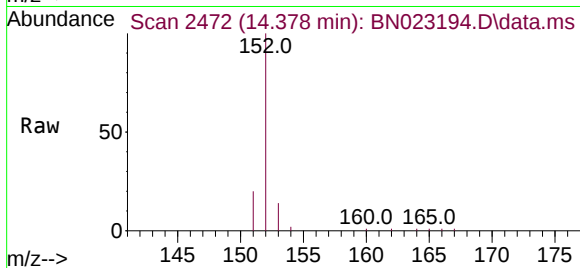
Tgt Ion:152 Resp: 10906

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.7 10.5 15.7



#11

Acenaphthene

Concen: 0.275 ng/ul

RT: 14.720 min Scan# 2546

Delta R.T. -0.004 min

Lab File: BN023194.D

Acq: 14 Dec 2022 10:09

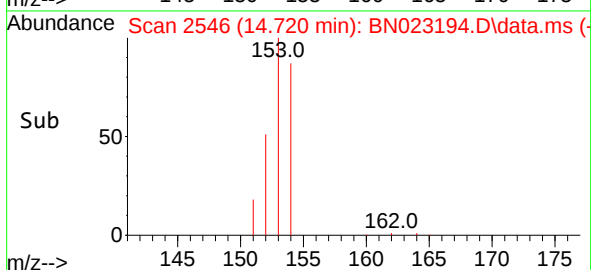
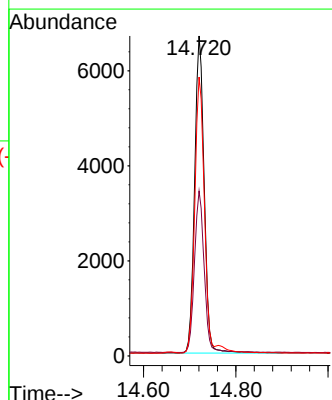
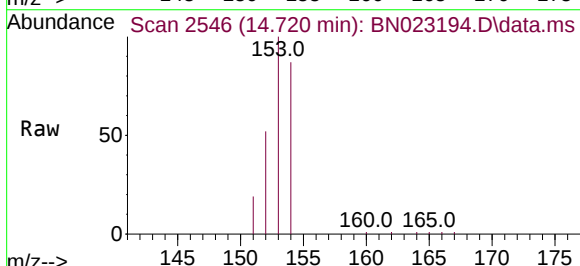
Tgt Ion:153 Resp: 9626

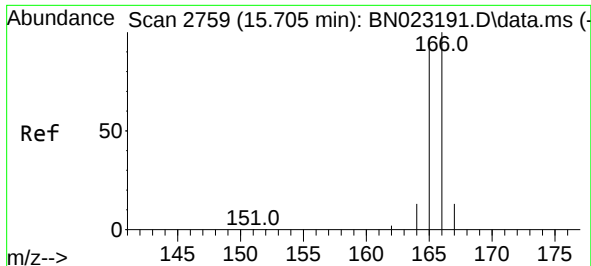
Ion Ratio Lower Upper

153 100

152 51.5 41.8 62.8

154 87.1 71.3 106.9

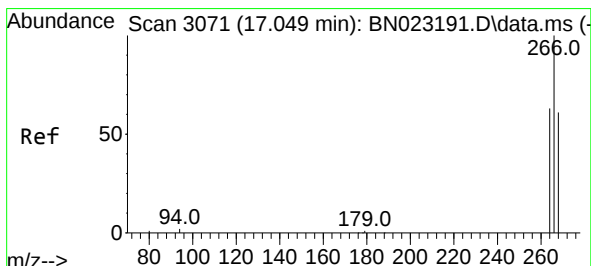
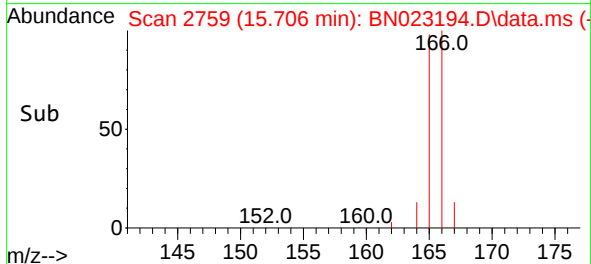
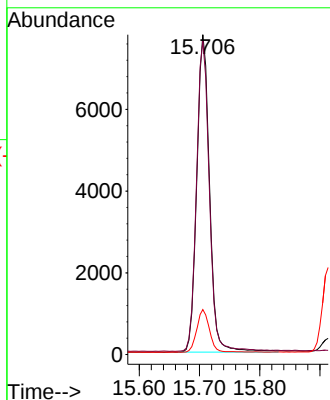
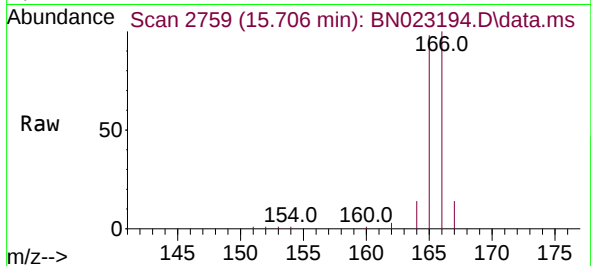




#12
Fluorene
Concen: 0.290 ng/ul
RT: 15.706 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

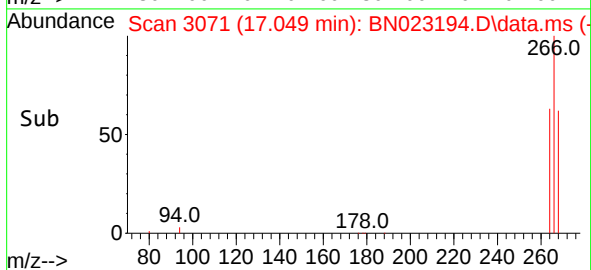
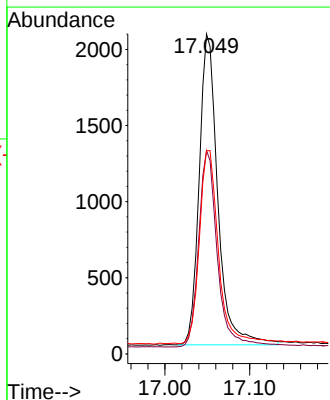
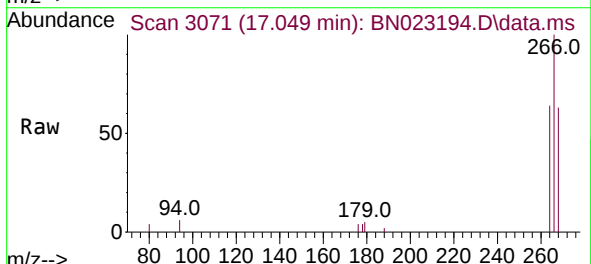
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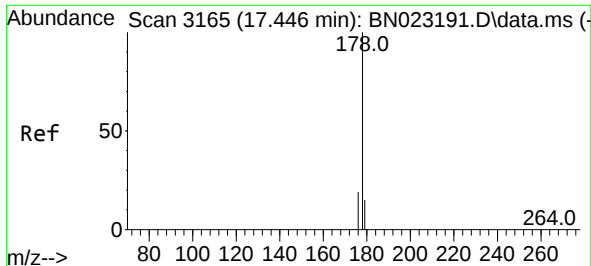
Tgt Ion:166 Resp: 11466
Ion Ratio Lower Upper
166 100
165 98.0 78.7 118.1
167 14.1 10.8 16.2



#14
Pentachlorophenol
Concen: 0.705 ng/ul
RT: 17.049 min Scan# 3071
Delta R.T. -0.003 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

Tgt Ion:266 Resp: 3114
Ion Ratio Lower Upper
266 100
264 63.4 0.0 0.0#
268 63.6 0.0 0.0#

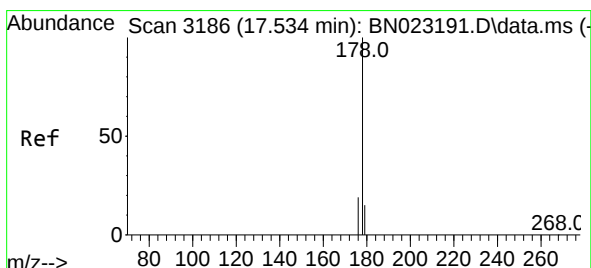
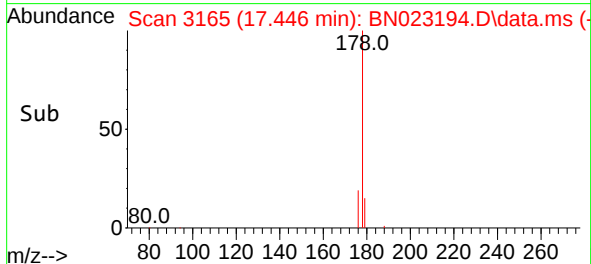
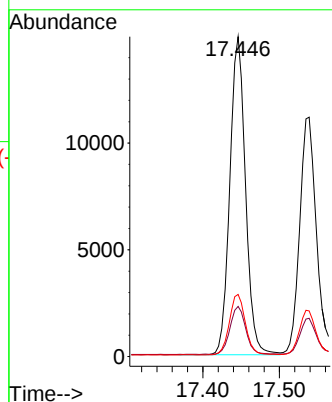
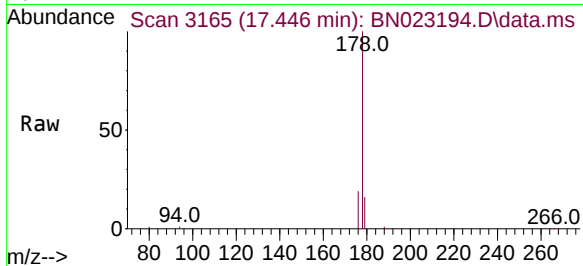




#15
Phenanthrene
Concen: 0.291 ng/ul
RT: 17.446 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

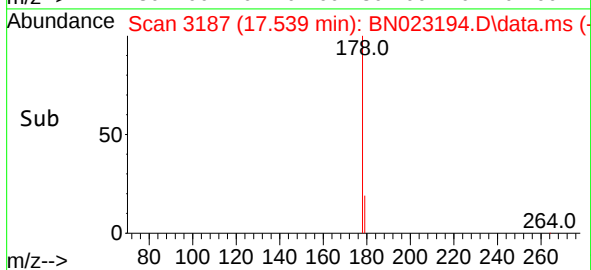
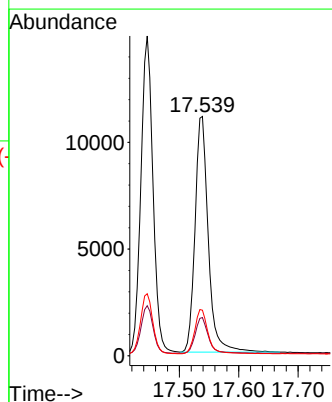
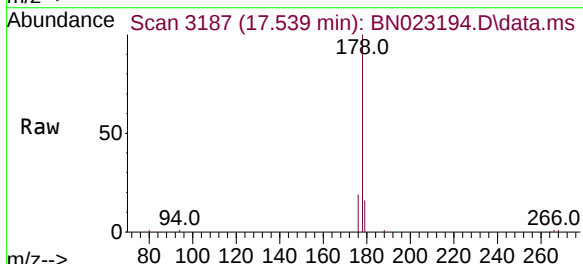
Instrument :
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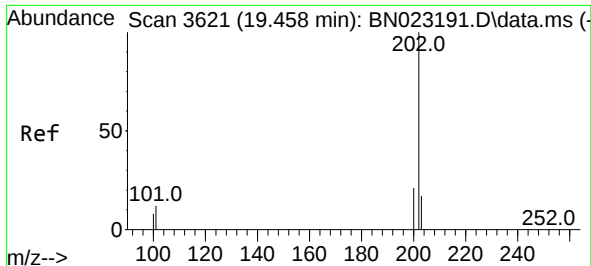
Tgt Ion:178 Resp: 21135
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.276 ng/ul
RT: 17.539 min Scan# 3187
Delta R.T. 0.001 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

Tgt Ion:178 Resp: 17149
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.1 15.3 22.9





#19

Fluoranthene

Concen: 0.238 ng/ul

RT: 19.458 min Scan# 3621

Delta R.T. -0.004 min

Lab File: BN023194.D

Acq: 14 Dec 2022 10:09

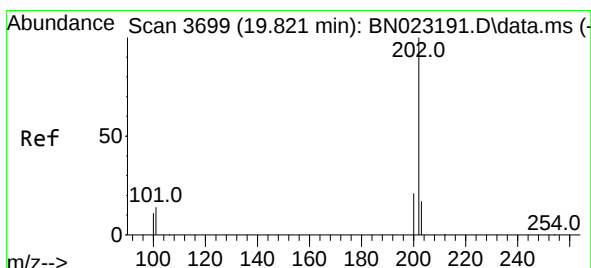
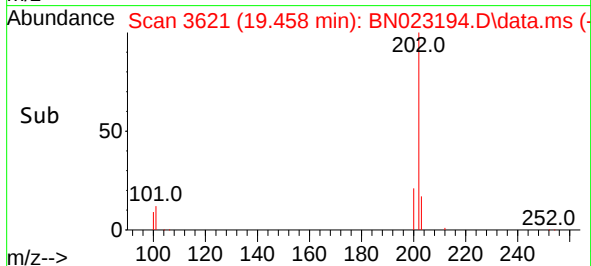
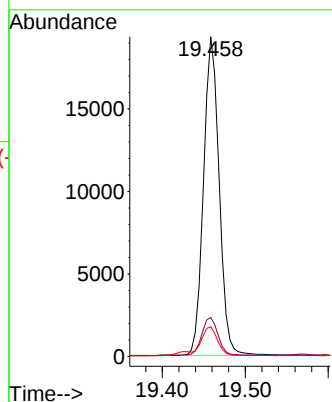
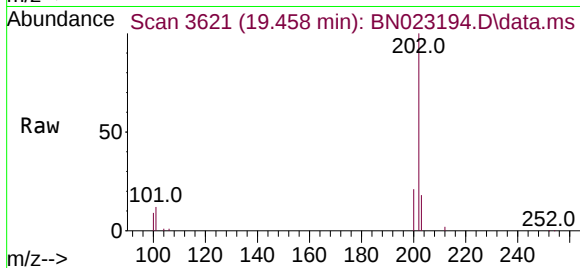
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	202	Resp:	25208
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.2	13.8
100	9.3	6.9	10.3



#20

Pyrene

Concen: 0.247 ng/ul

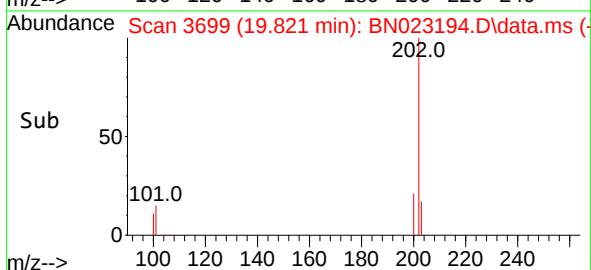
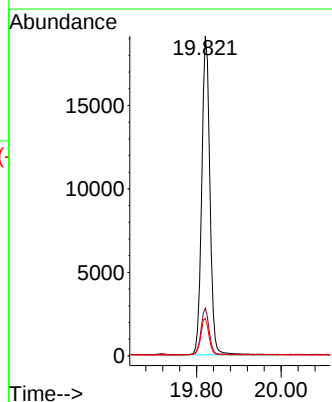
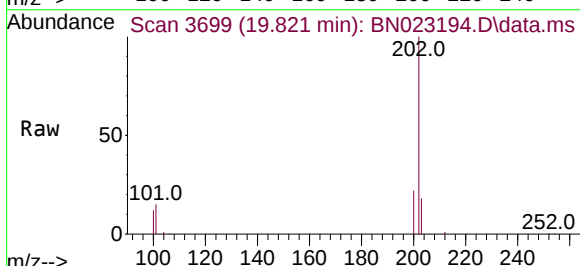
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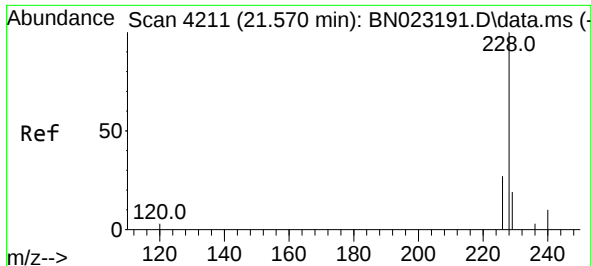
Delta R.T. -0.004 min

Lab File: BN023194.D

Acq: 14 Dec 2022 10:09

Tgt Ion:	202	Resp:	25636
Ion Ratio	Lower	Upper	
202	100		
101	14.9	10.6	16.0
100	11.7	8.2	12.4

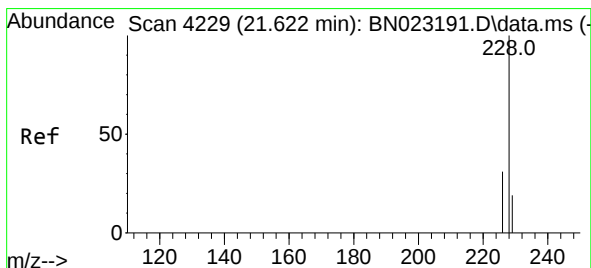
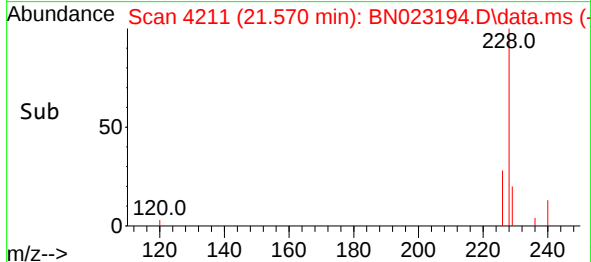
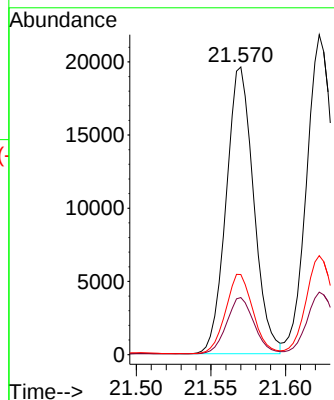
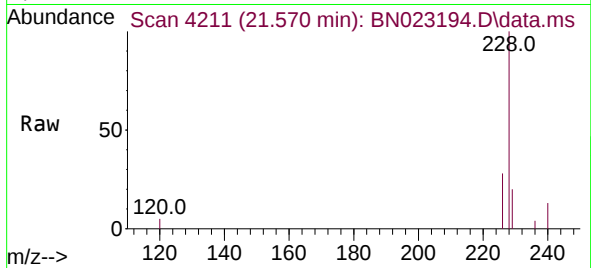




#21
Benzo(a)anthracene
Concen: 0.320 ng/ul
RT: 21.570 min Scan# 4211
Delta R.T. -0.002 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

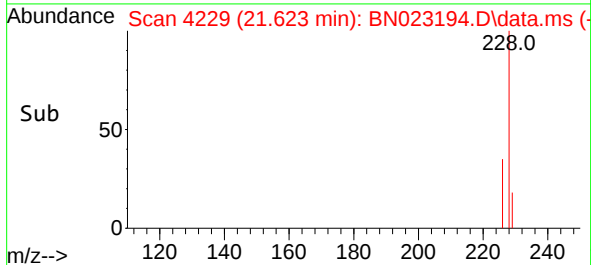
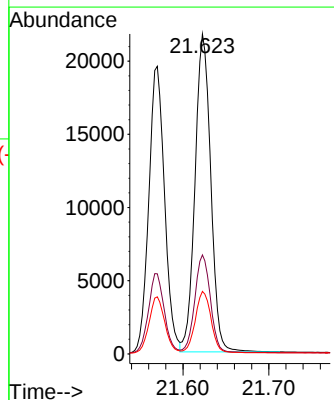
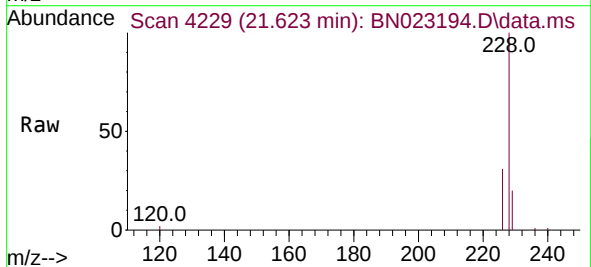
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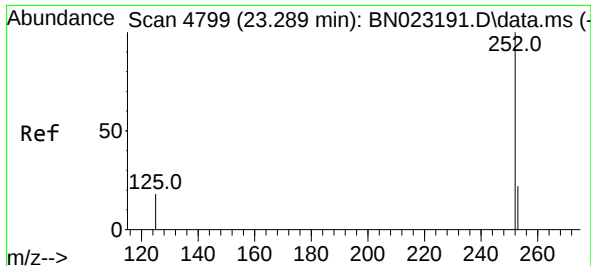
Tgt Ion:228 Resp: 25128
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.321 ng/ul
RT: 21.623 min Scan# 4229
Delta R.T. -0.005 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

Tgt Ion:228 Resp: 27620
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.5 15.8 23.8

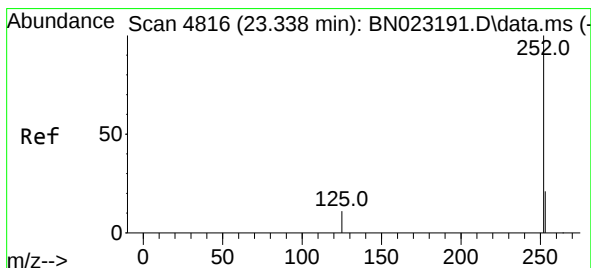
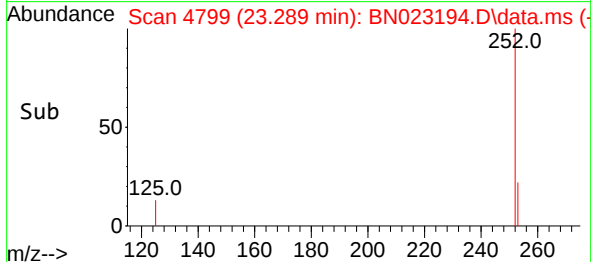
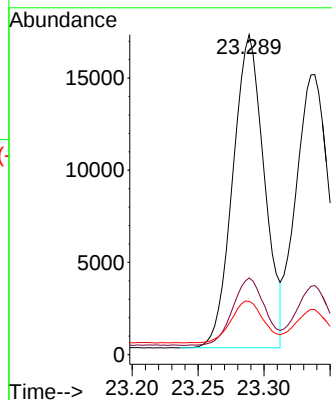
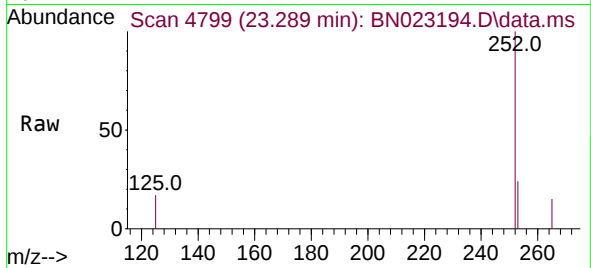




#24
Benzo(b)fluoranthene
Concen: 0.326 ng/ul
RT: 23.289 min Scan# 4799
Delta R.T. -0.002 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

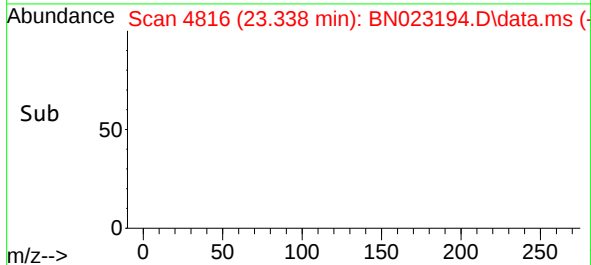
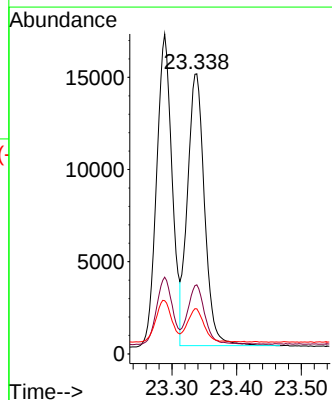
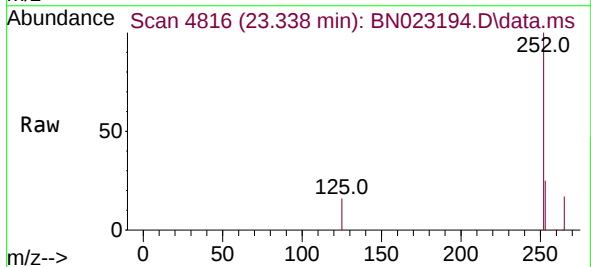
Instrument :
BNA_N
ClientSampleId :
SLCS529

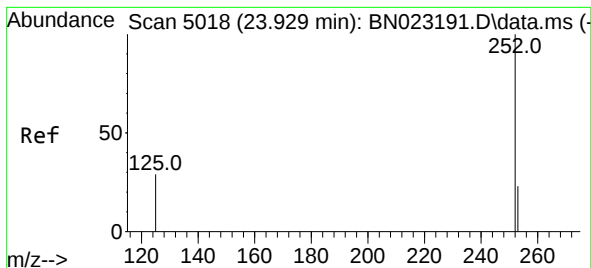
Tgt Ion:252 Resp: 28246
Ion Ratio Lower Upper
252 100
253 24.0 0.0 46.0
125 16.6 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.296 ng/ul
RT: 23.338 min Scan# 4816
Delta R.T. -0.002 min
Lab File: BN023194.D
Acq: 14 Dec 2022 10:09

Tgt Ion:252 Resp: 27089
Ion Ratio Lower Upper
252 100
253 24.7 18.7 28.1
125 16.1 11.3 16.9





#26

Benzo(a)pyrene

Concen: 0.353 ng/ul

RT: 23.932 min Scan# 5018

Delta R.T. -0.002 min

Lab File: BN023194.D

Acq: 14 Dec 2022 10:09

Instrument :

BNA_N

ClientSampleId :

SLCS529

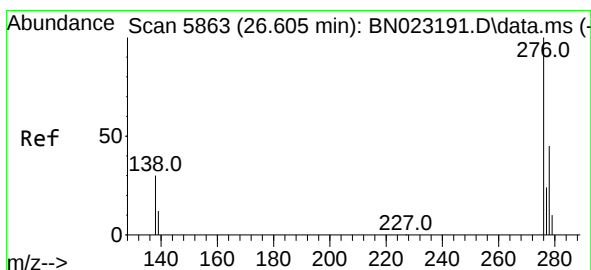
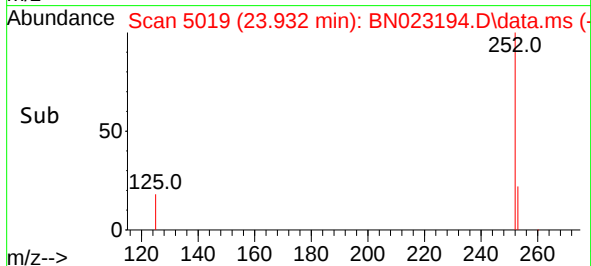
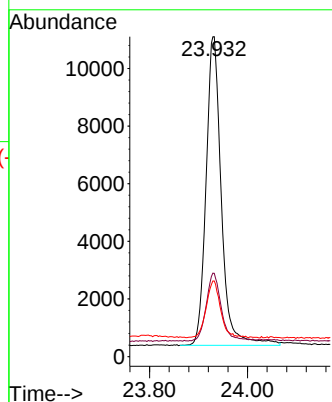
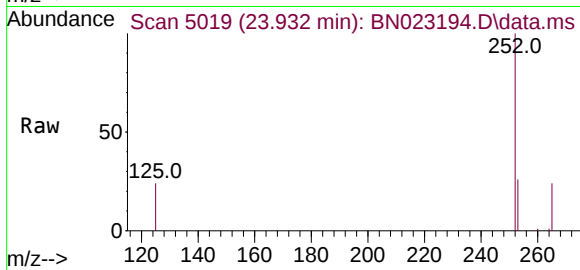
Tgt Ion:252 Resp: 23284

Ion Ratio Lower Upper

252 100

253 26.0 19.7 29.5

125 23.6 13.7 20.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

RT: 26.605 min Scan# 5863

Delta R.T. -0.006 min

Lab File: BN023194.D

Acq: 14 Dec 2022 10:09

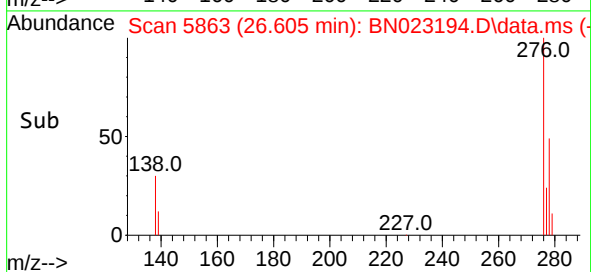
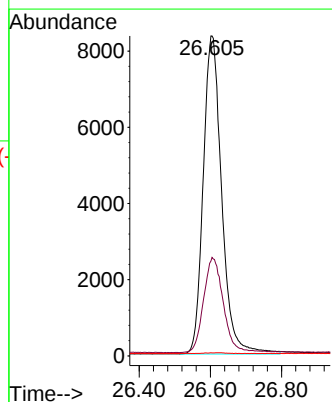
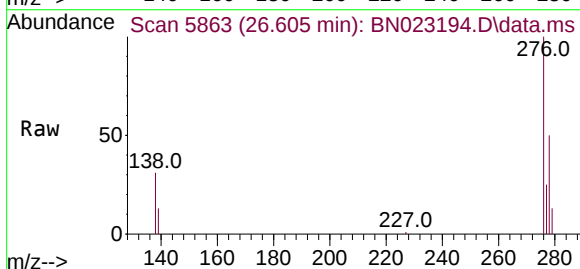
Tgt Ion:276 Resp: 30106

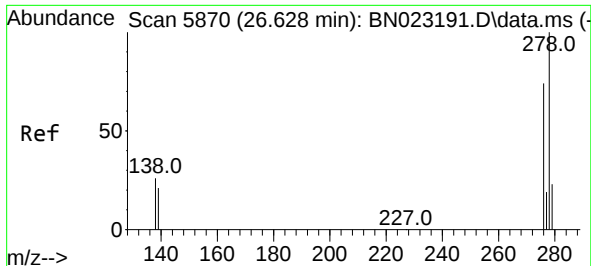
Ion Ratio Lower Upper

276 100

138 32.1 0.0 0.0#

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.378 ng/ul

RT: 26.625 min Scan# 5869

Delta R.T. -0.006 min

Lab File: BN023194.D

Acq: 14 Dec 2022 10:09

Instrument :

BNA_N

ClientSampleId :

SLCS529

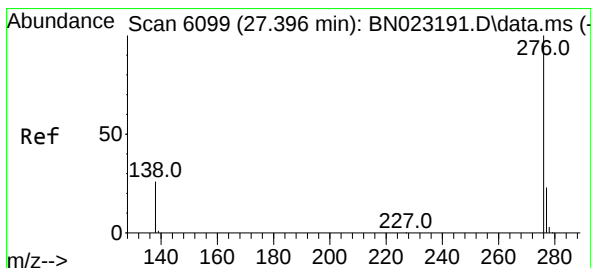
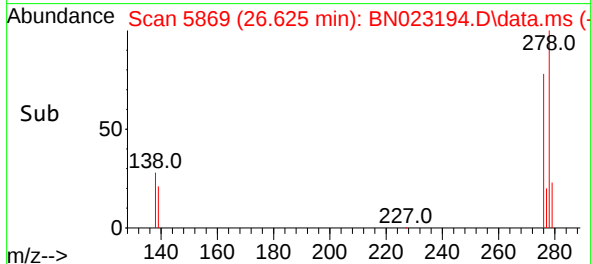
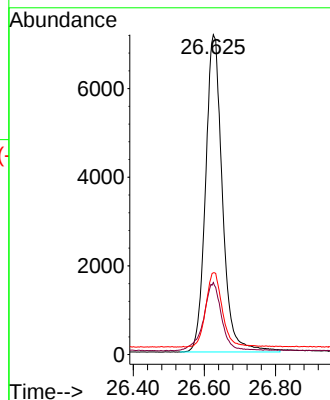
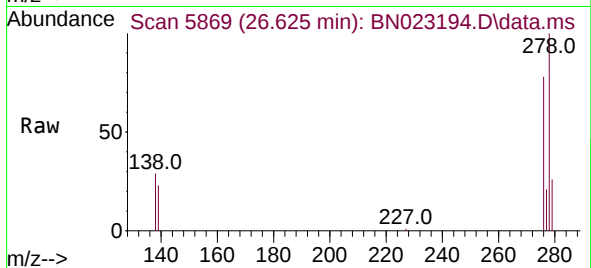
Tgt Ion:278 Resp: 23532

Ion Ratio Lower Upper

278 100

139 22.5 18.3 27.5

279 25.6 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.354 ng/ul

RT: 27.393 min Scan# 6098

Delta R.T. -0.009 min

Lab File: BN023194.D

Acq: 14 Dec 2022 10:09

Tgt Ion:276 Resp: 24229

Ion Ratio Lower Upper

276 100

138 28.3 22.1 33.1

277 24.4 19.4 29.2

