

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022876.D
 Acq On : 26 Nov 2022 11:10
 Operator : CG/JU
 Sample : SSTD0.454
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4211

Quant Time: Nov 28 03:01:12 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 : Mon Nov 28 02:35:52 2022
 Response via : Initial Calibration

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

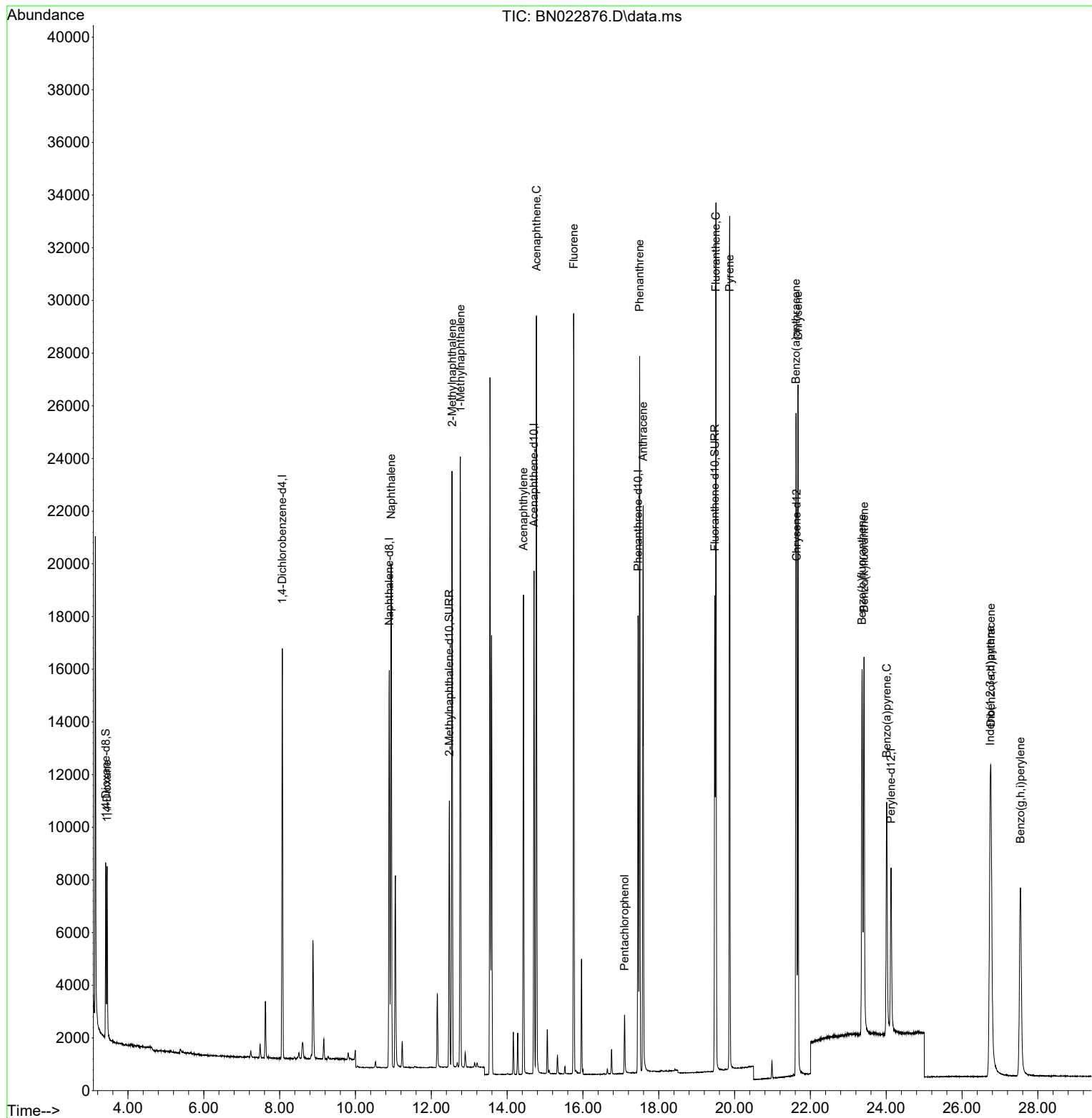
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	7585	0.400	ng/ul	0.00
4) Naphthalene-d8	10.892	136	19702	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	9810	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.453	188	19303	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	12759	0.400	ng/ul	0.00
23) Perylene-d12	24.127	264	9292	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	3962	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	12304	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	19420	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.450	88	4138	0.436	ng/ul	100
5) Naphthalene	10.942	128	25327	0.424	ng/ul	100
7) 2-Methylnaphthalene	12.547	142	15187	0.406	ng/ul	100
8) 1-Methylnaphthalene	12.767	142	15616	0.411	ng/ul	100
10) Acenaphthylene	14.432	152	20308	0.420	ng/ul	100
11) Acenaphthene	14.775	153	15999	0.418	ng/ul	100
12) Fluorene	15.756	166	17585	0.406	ng/ul	100
14) Pentachlorophenol	17.099	266	1537	0.381	ng/ul#	100
15) Phenanthrene	17.496	178	27477	0.415	ng/ul	100
16) Anthracene	17.589	178	23277	0.409	ng/ul	100
19) Fluoranthene	19.508	202	26933	0.408	ng/ul	100
20) Pyrene	19.871	202	26194	0.406	ng/ul	100
21) Benzo(a)anthracene	21.619	228	19949	0.409	ng/ul	100
22) Chrysene	21.674	228	22347	0.418	ng/ul	100
24) Benzo(b)fluoranthene	23.364	252	19546	0.415	ng/ul	100
25) Benzo(k)fluoranthene	23.413	252	20907	0.420	ng/ul	100
26) Benzo(a)pyrene	24.013	252	15130	0.422	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.741	276	19774	0.464	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.761	278	15631	0.462	ng/ul	100
29) Benzo(g,h,i)perylene	27.540	276	17734	0.477	ng/ul	100

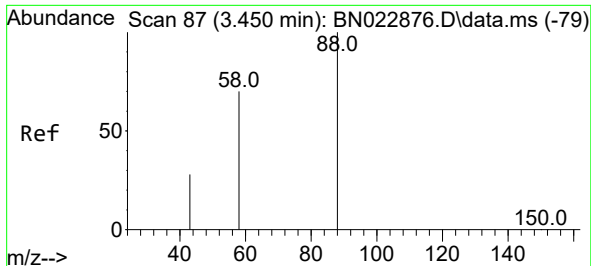
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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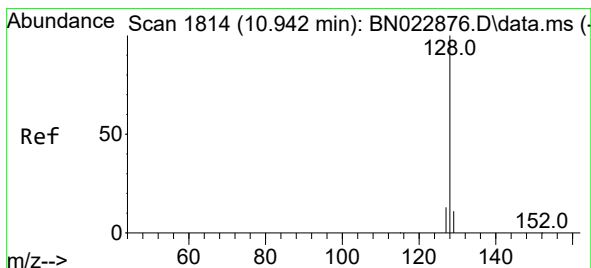
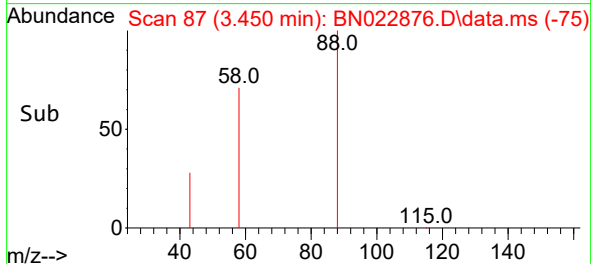
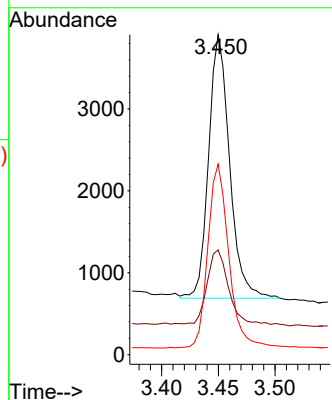
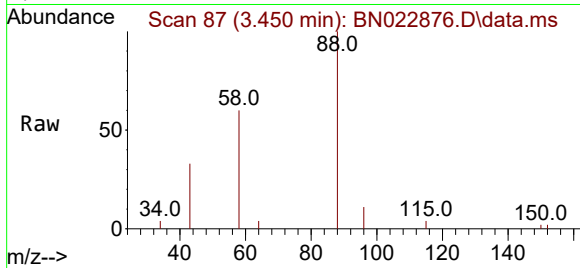




#2
1,4-Dioxane
Concen: 0.436 ng/ul
RT: 3.450 min Scan# 87
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

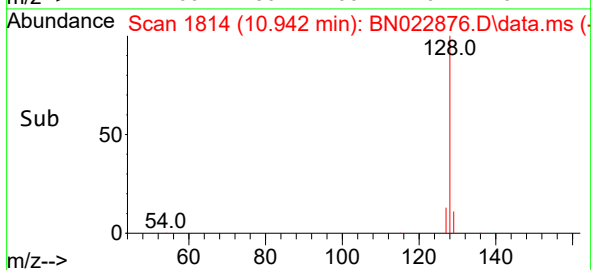
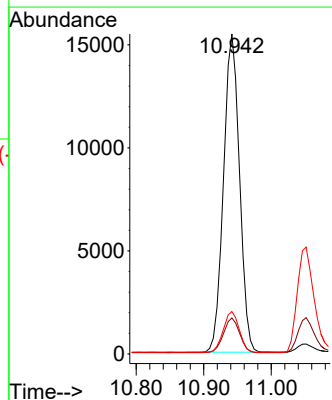
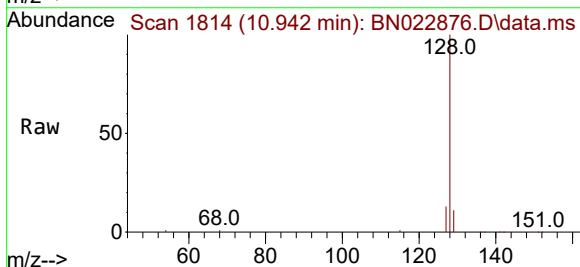
Instrument :
BNA_N
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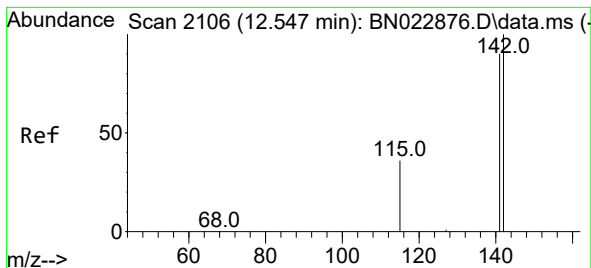
Tgt Ion: 88 Resp: 4138
Ion Ratio Lower Upper
88 100
43 32.8 26.2 39.4
58 59.5 47.6 71.4



#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion: 128 Resp: 25327
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.6 16.0

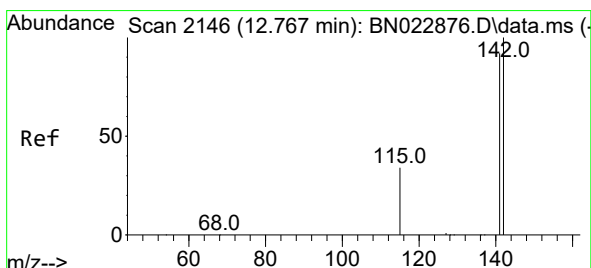
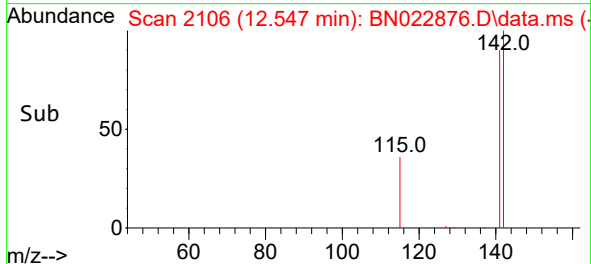
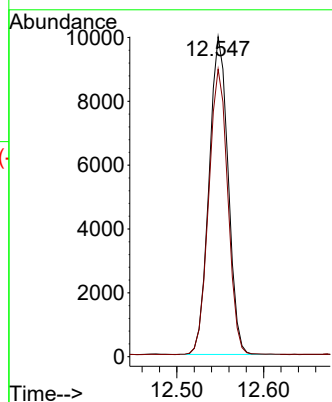
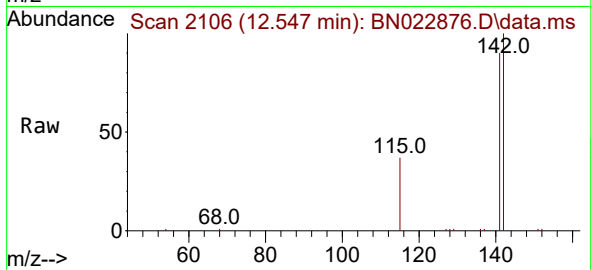




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

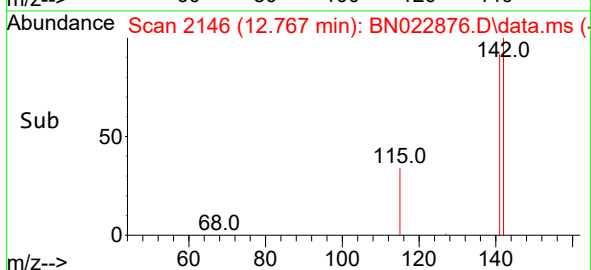
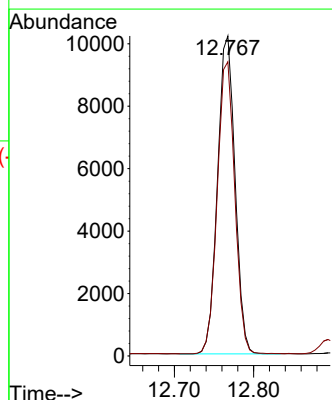
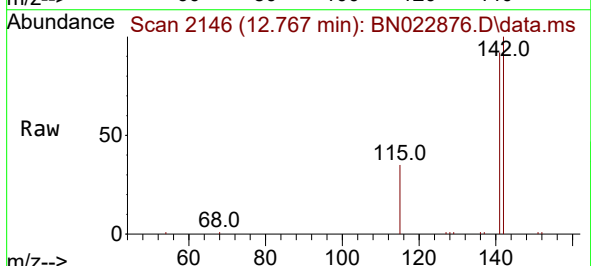
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

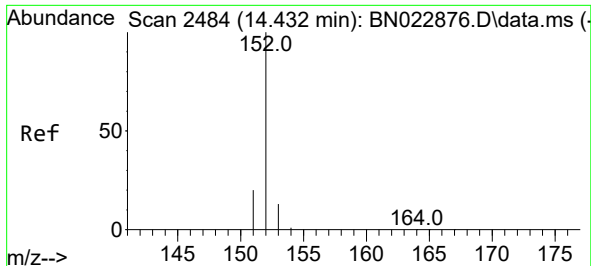
Tgt Ion:142 Resp: 15187
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.767 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:142 Resp: 15616
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6

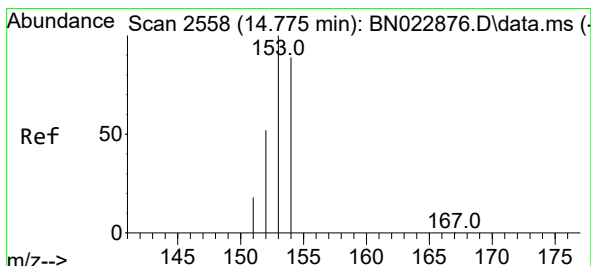
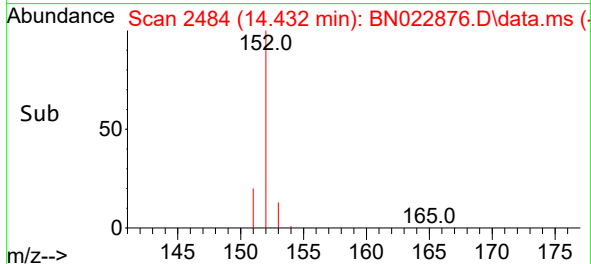
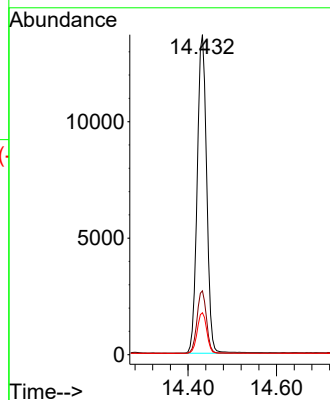
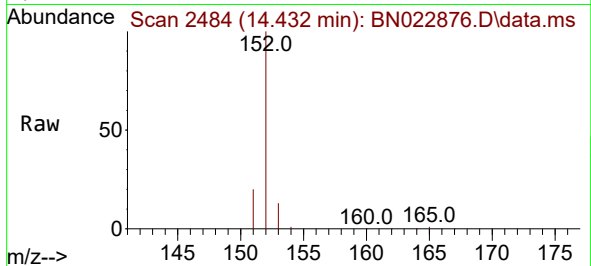




#10
Acenaphthylene
Concen: 0.420 ng/ul
RT: 14.432 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

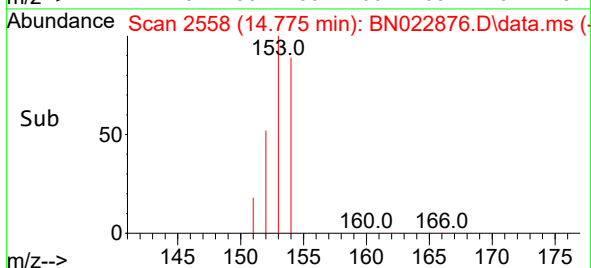
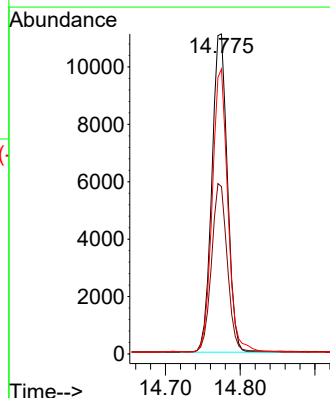
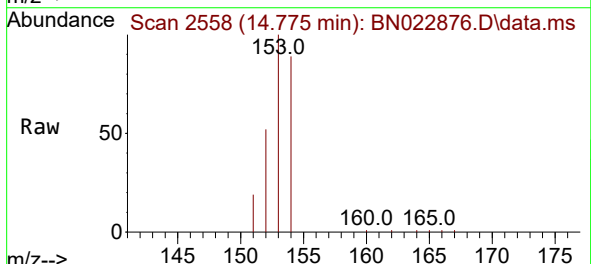
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

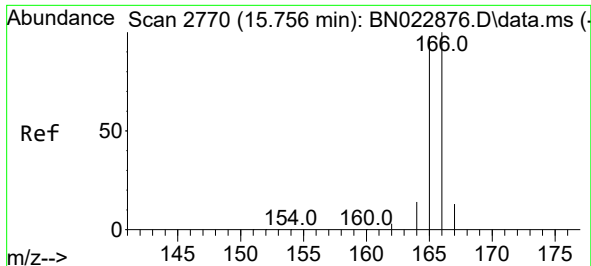
Tgt Ion:152 Resp: 20308
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 10.5 15.7



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.775 min Scan# 2558
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:153 Resp: 15999
Ion Ratio Lower Upper
153 100
152 52.3 41.8 62.8
154 89.1 71.3 106.9

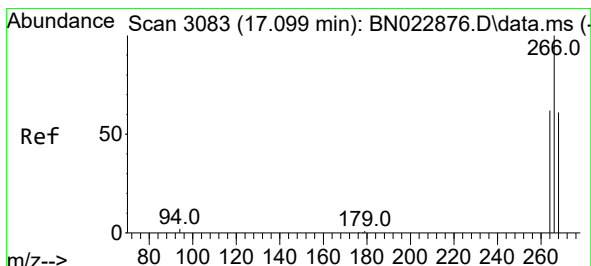
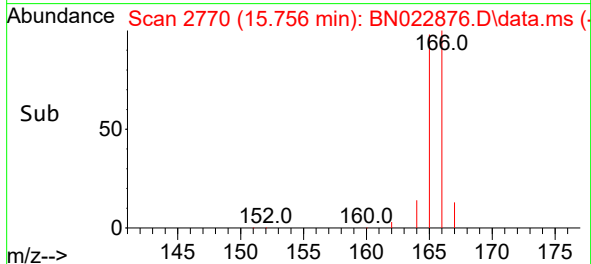
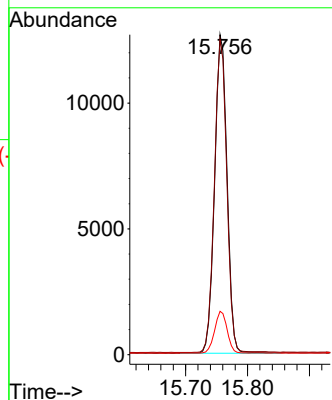
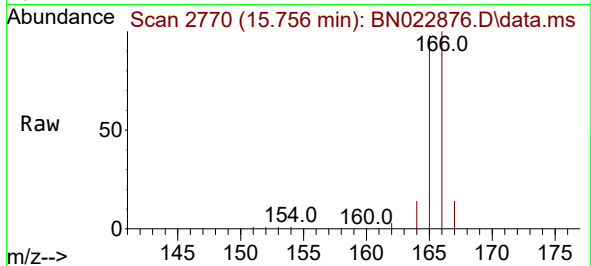




#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.756 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

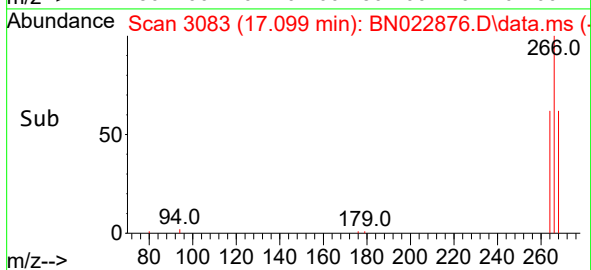
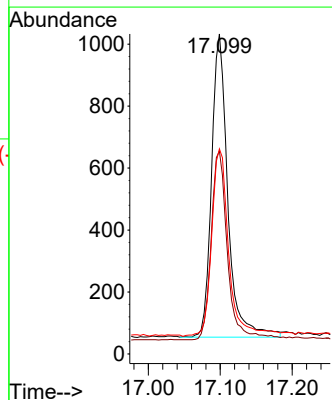
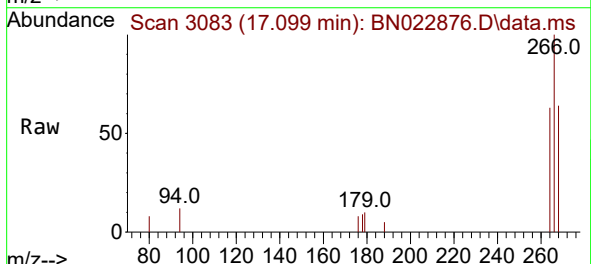
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

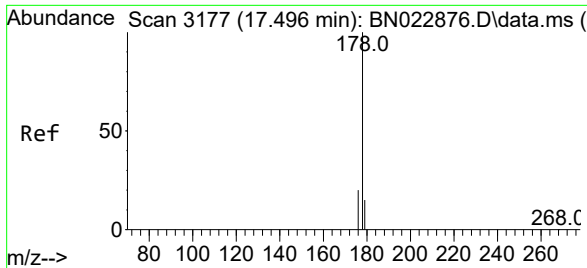
Tgt Ion:166 Resp: 17585
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.5 10.8 16.2



#14
Pentachlorophenol
Concen: 0.381 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:266 Resp: 1537
Ion Ratio Lower Upper
266 100
264 62.3 0.0 0.0#
268 65.2 0.0 0.0#

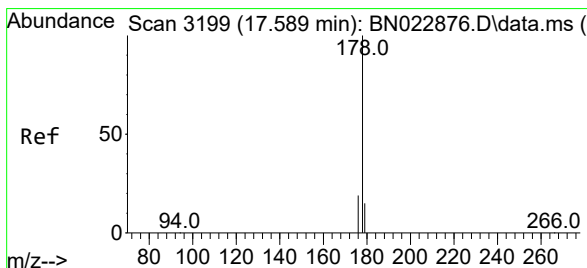
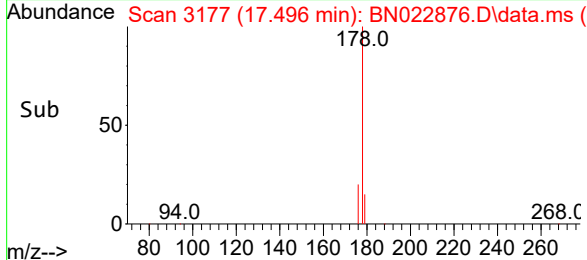
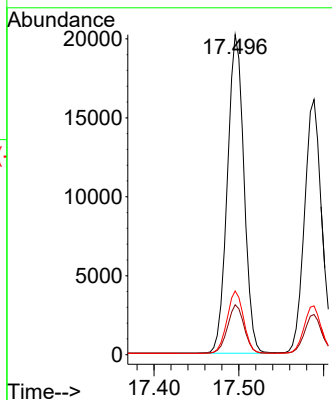
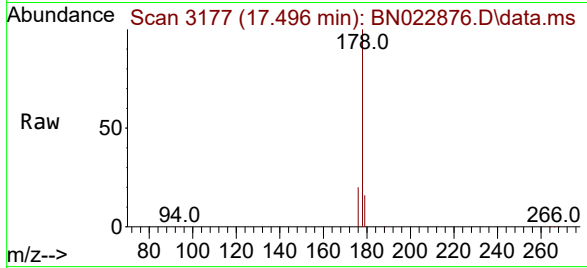




#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

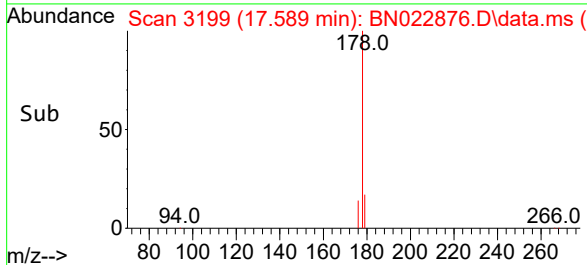
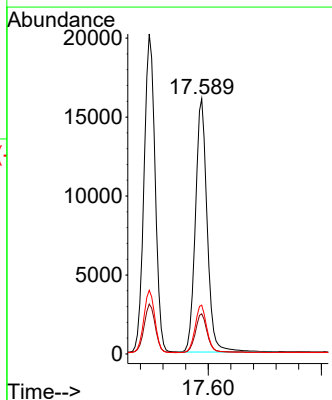
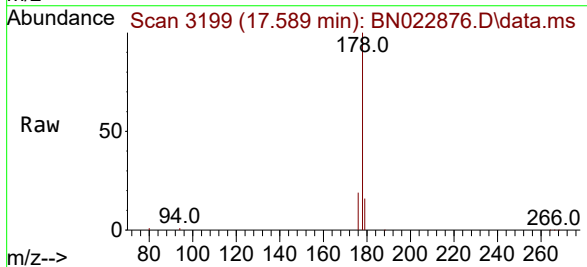
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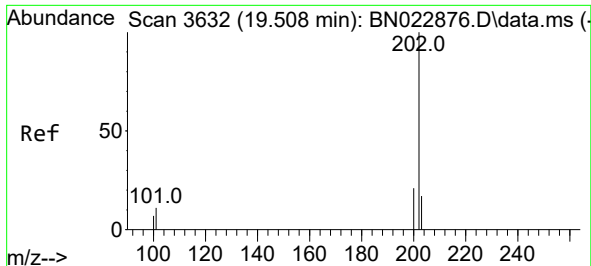
Tgt Ion:178 Resp: 27477
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:178 Resp: 23277
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.1 15.3 22.9

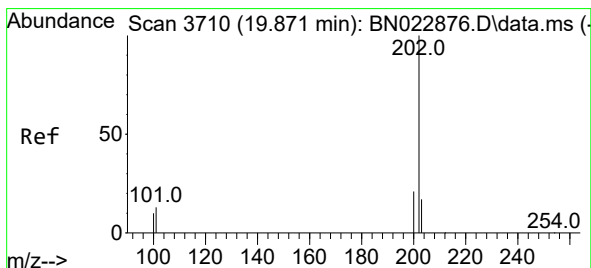
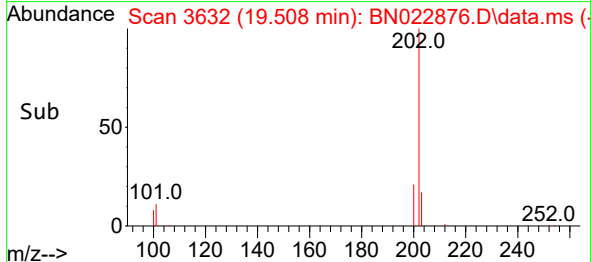
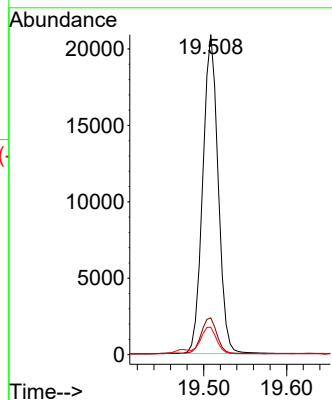
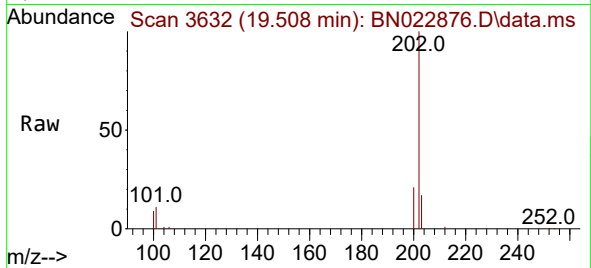




#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.508 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

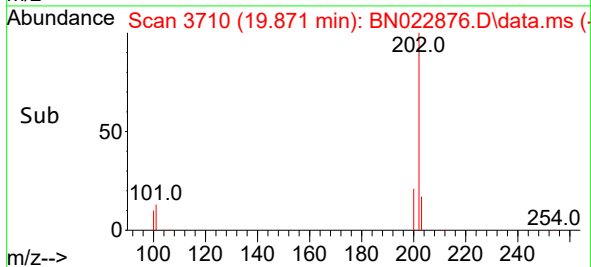
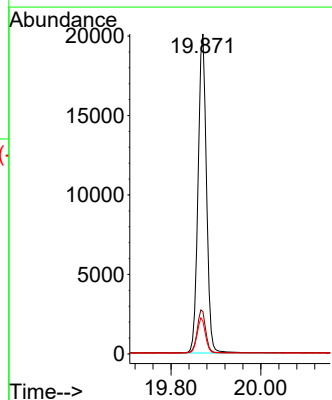
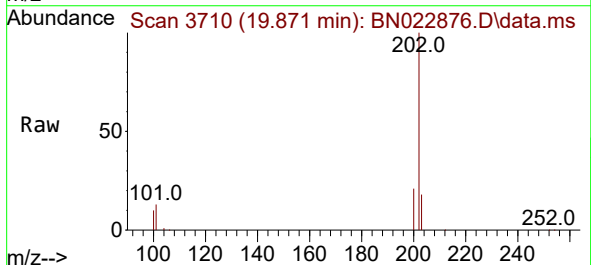
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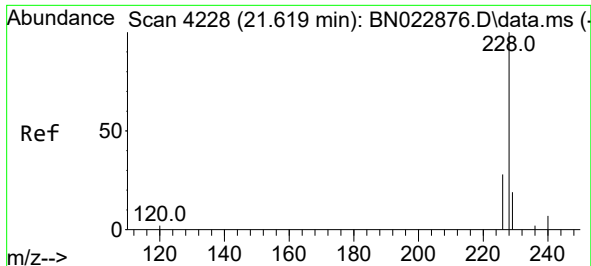
Tgt Ion:202 Resp: 26933
Ion Ratio Lower Upper
202 100
101 11.5 9.2 13.8
100 8.6 6.9 10.3



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:202 Resp: 26194
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 10.3 8.2 12.4

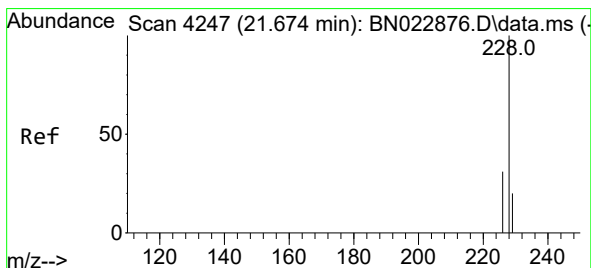
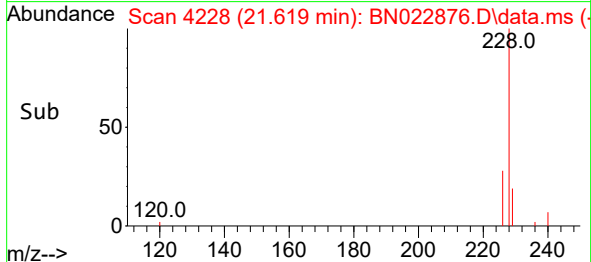
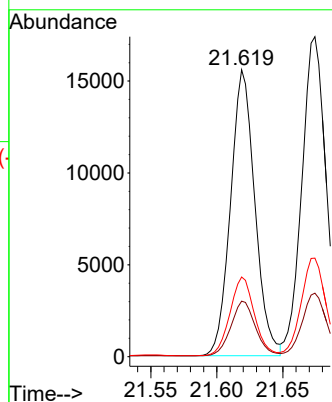
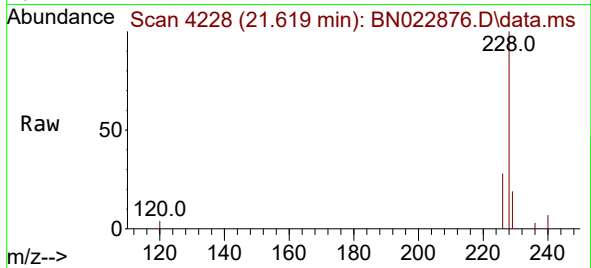




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

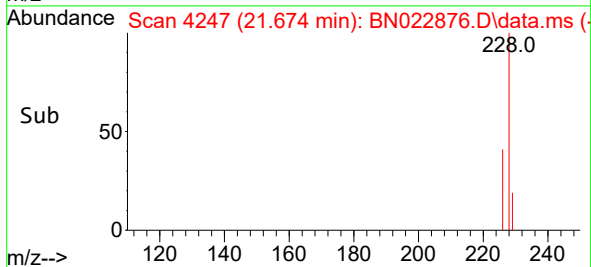
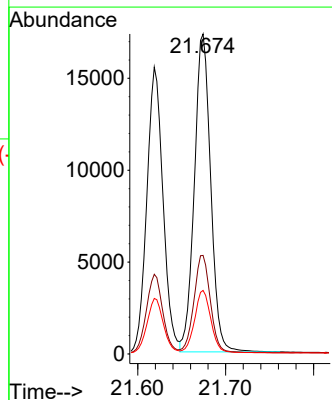
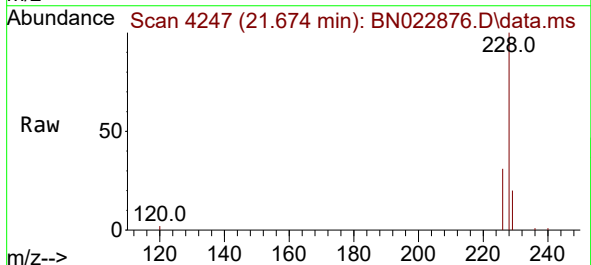
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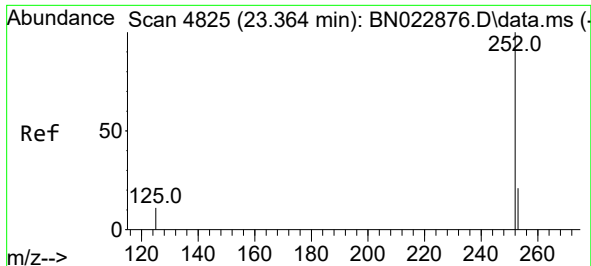
Tgt Ion:228 Resp: 19949
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.674 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:228 Resp: 22347
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.8 15.8 23.8

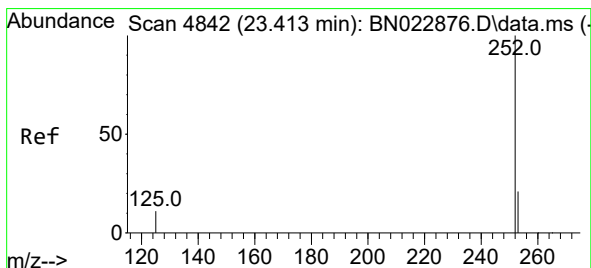
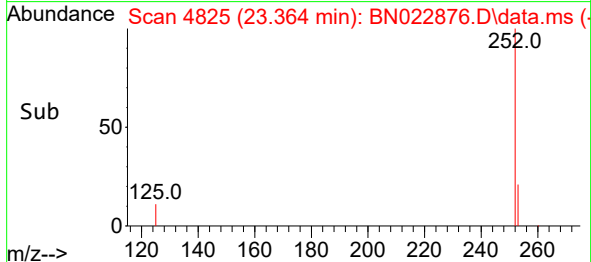
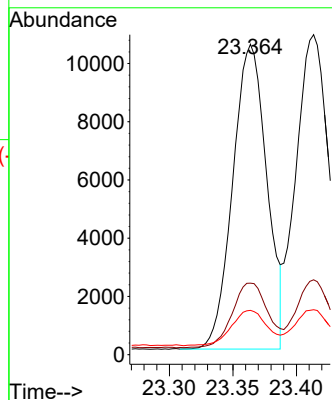
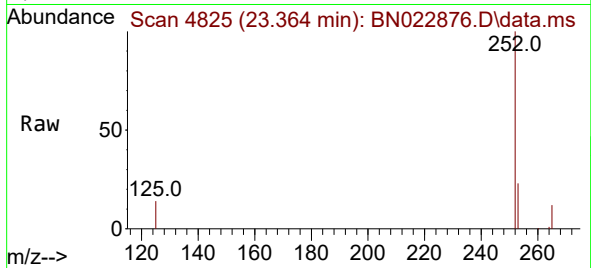




#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.364 min Scan# 4825
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

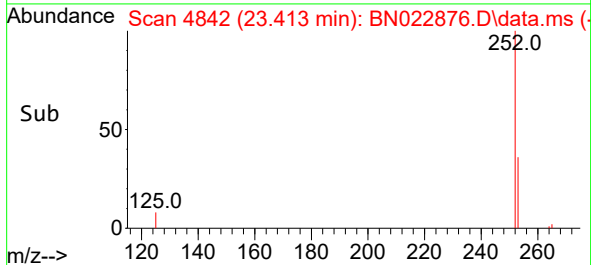
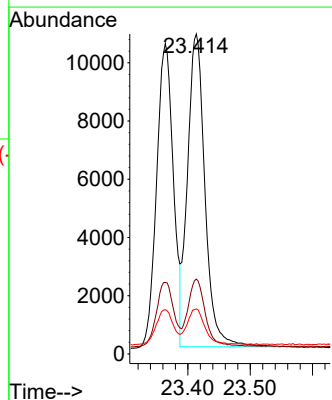
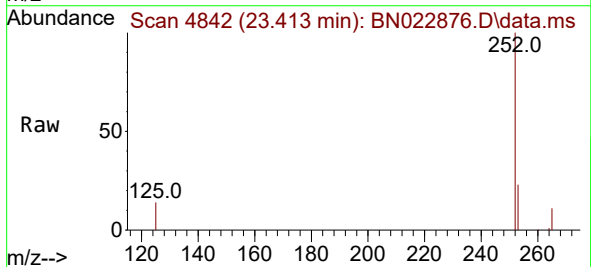
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

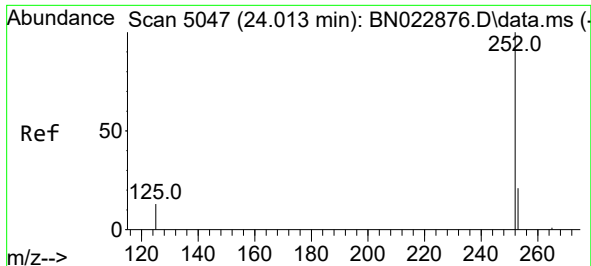
Tgt Ion:252 Resp: 19546
Ion Ratio Lower Upper
252 100
253 23.0 0.0 46.0
125 14.3 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.413 min Scan# 4842
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:252 Resp: 20907
Ion Ratio Lower Upper
252 100
253 23.4 18.7 28.1
125 14.1 11.3 16.9

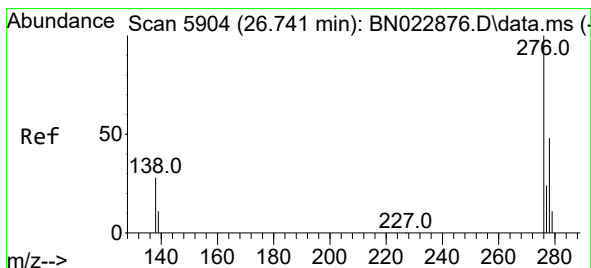
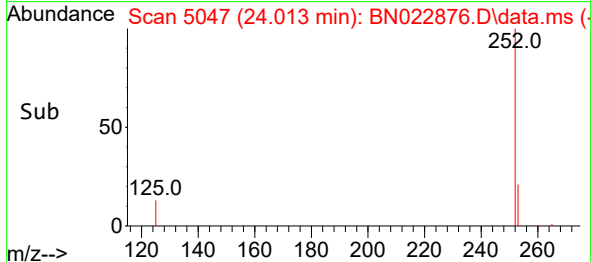
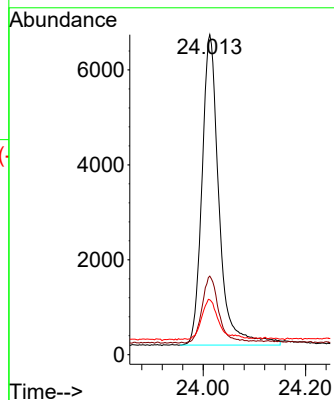
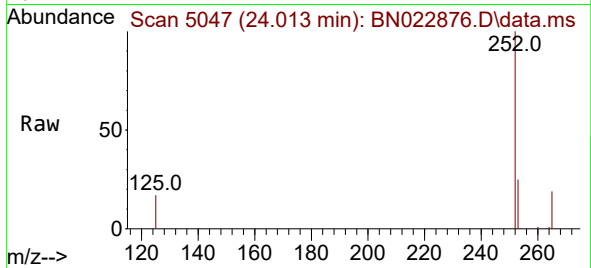




#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 24.013 min Scan# 5047
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

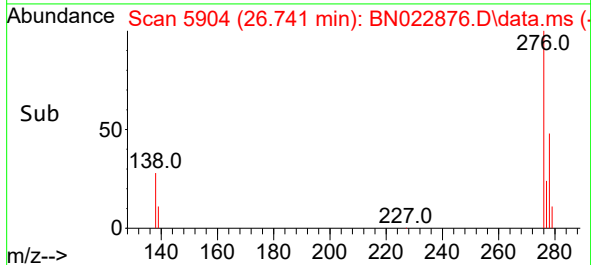
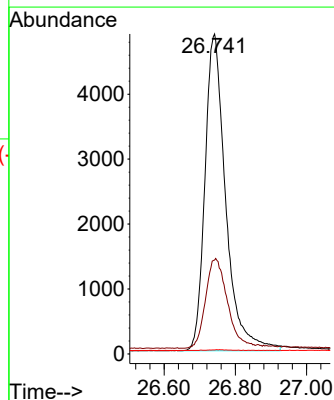
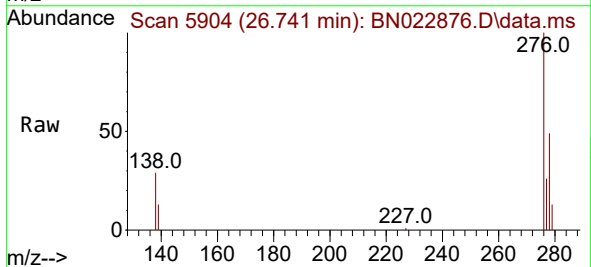
Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

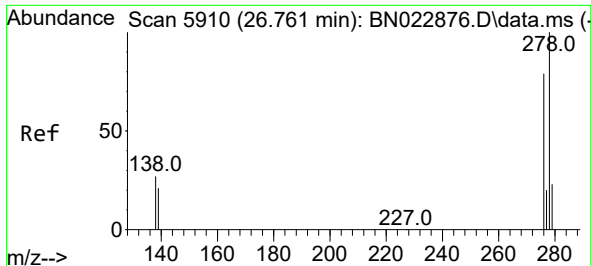
Tgt Ion:252 Resp: 15130
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 17.1 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng/ul
RT: 26.741 min Scan# 5904
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:276 Resp: 19774
Ion Ratio Lower Upper
276 100
138 30.5 0.0 0.0#
227 0.1 0.0 0.0#

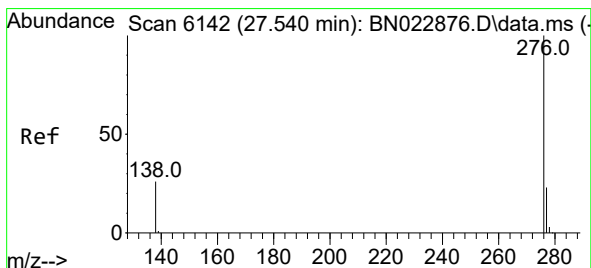
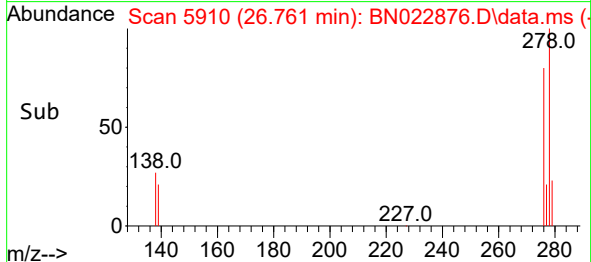
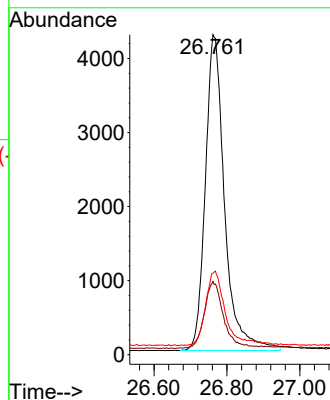
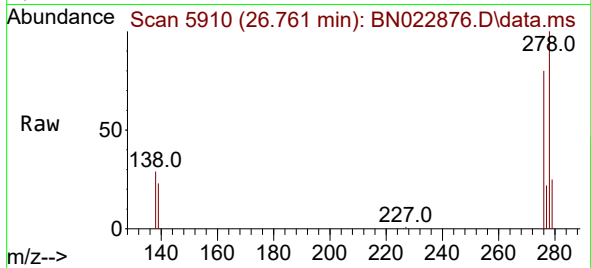




#28
Dibenzo(a,h)anthracene
Concen: 0.462 ng/ul
RT: 26.761 min Scan# 5910
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Instrument :
BNA_N
ClientSampleId :
SSTD0.4211

Tgt Ion:278 Resp: 15631
Ion Ratio Lower Upper
278 100
139 22.9 18.3 27.5
279 25.5 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.477 ng/ul
RT: 27.540 min Scan# 6142
Delta R.T. 0.000 min
Lab File: BN022876.D
Acq: 26 Nov 2022 11:10

Tgt Ion:276 Resp: 17734
Ion Ratio Lower Upper
276 100
138 27.6 22.1 33.1
277 24.3 19.4 29.2

