

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022883.D
 Acq On : 26 Nov 2022 16:15
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4341

Quant Time: Nov 28 03:48:35 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 03:16:56 2022
 Response via : Initial Calibration

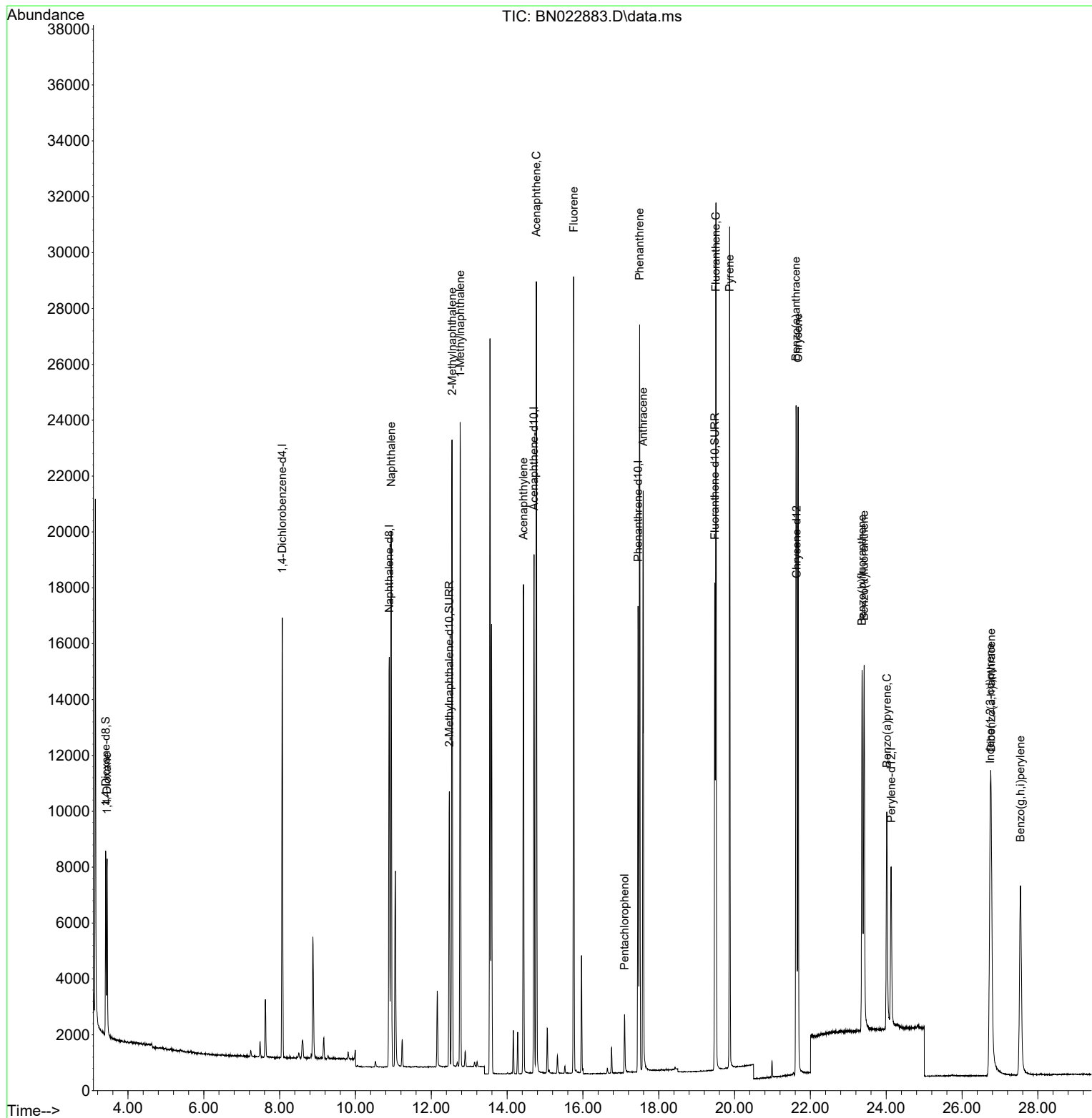
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	7598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.892	136	19539	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	9543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.454	188	18529	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	12124	0.400	ng/ul	0.00
23) Perylene-d12	24.130	264	8543	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	3979	0.436	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	12013	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.481	212	18555	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.450	88	4025	0.423	ng/ul	97
5) Naphthalene	10.942	128	25052	0.422	ng/ul	100
7) 2-Methylnaphthalene	12.548	142	15109	0.408	ng/ul	99
8) 1-Methylnaphthalene	12.762	142	15278	0.405	ng/ul	100
10) Acenaphthylene	14.432	152	19504	0.415	ng/ul	100
11) Acenaphthene	14.770	153	15598	0.419	ng/ul	98
12) Fluorene	15.756	166	17000	0.403	ng/ul	99
14) Pentachlorophenol	17.099	266	1417	0.366	ng/ul#	100
15) Phenanthrene	17.496	178	26423	0.416	ng/ul	100
16) Anthracene	17.589	178	22303	0.409	ng/ul	100
19) Fluoranthene	19.509	202	25601	0.409	ng/ul	100
20) Pyrene	19.871	202	25004	0.407	ng/ul	99
21) Benzo(a)anthracene	21.622	228	18705	0.404	ng/ul	99
22) Chrysene	21.674	228	21460	0.422	ng/ul	99
24) Benzo(b)fluoranthene	23.364	252	18274	0.422	ng/ul	98
25) Benzo(k)fluoranthene	23.416	252	19188	0.419	ng/ul	99
26) Benzo(a)pyrene	24.016	252	13770	0.418	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.741	276	18238	0.465	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.768	278	14574	0.468	ng/ul	98
29) Benzo(g,h,i)perylene	27.540	276	16500	0.483	ng/ul	99

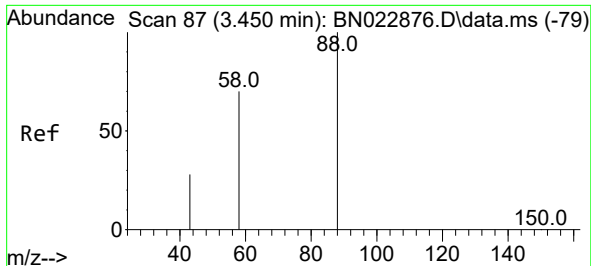
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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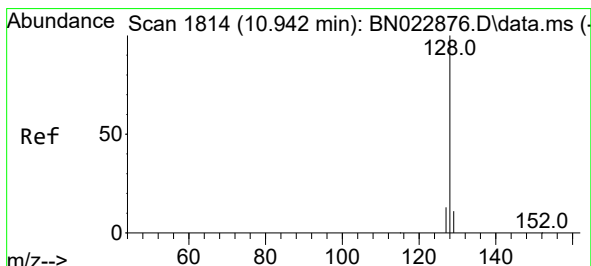
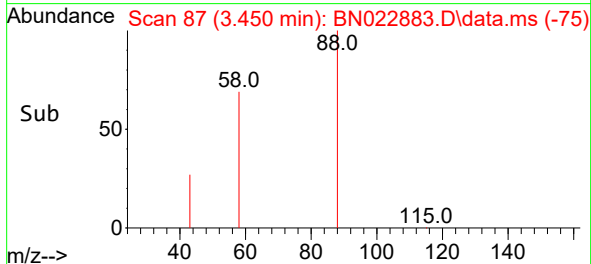
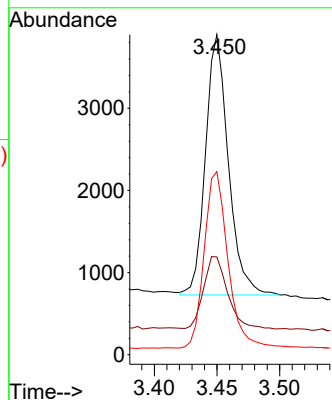
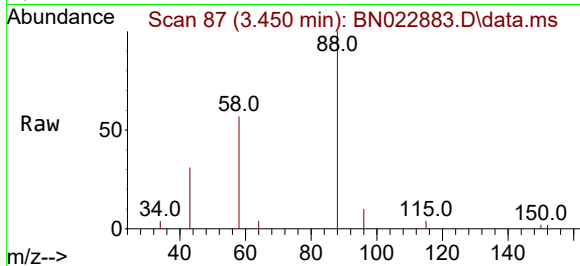




#2
1,4-Dioxane
Concen: 0.423 ng/ul
RT: 3.450 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

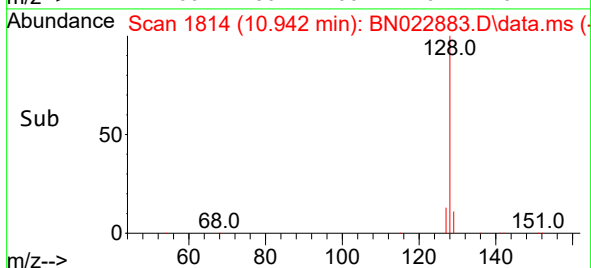
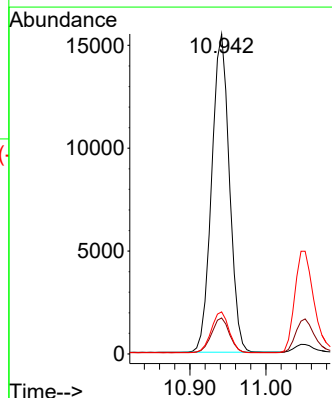
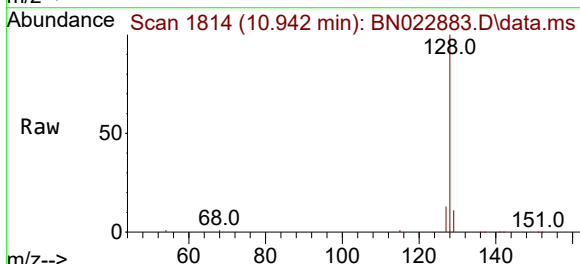
Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

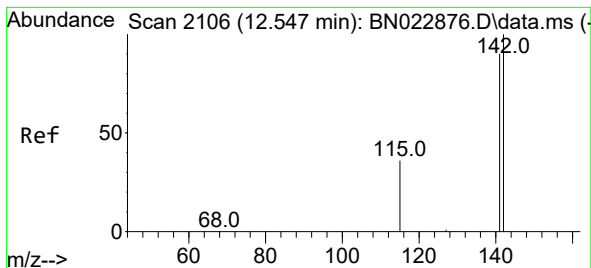
Tgt Ion: 88 Resp: 4025
Ion Ratio Lower Upper
88 100
43 30.5 26.2 39.4
58 57.2 47.6 71.4



#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Tgt Ion: 128 Resp: 25052
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.6 16.0

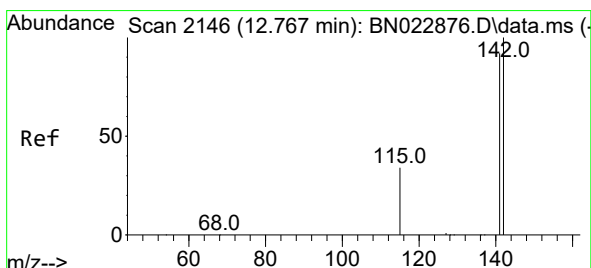
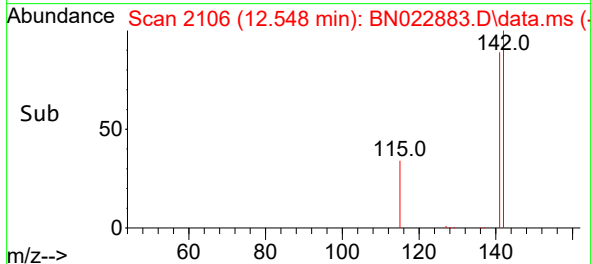
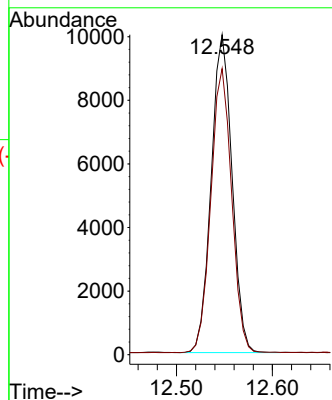
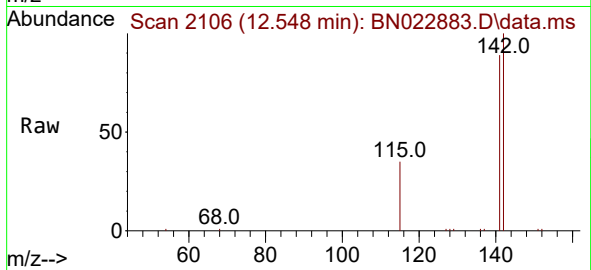




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.548 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

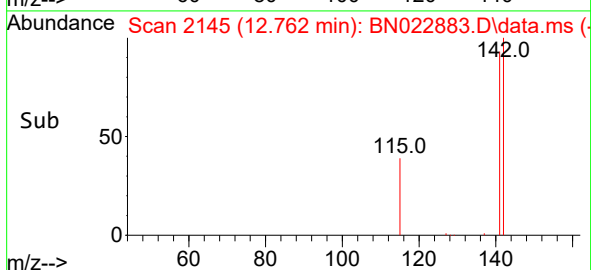
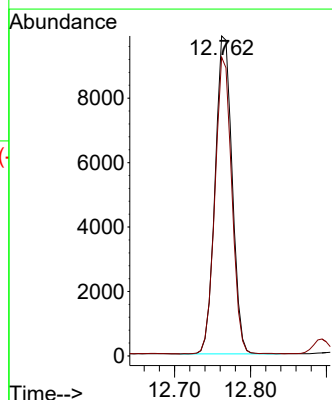
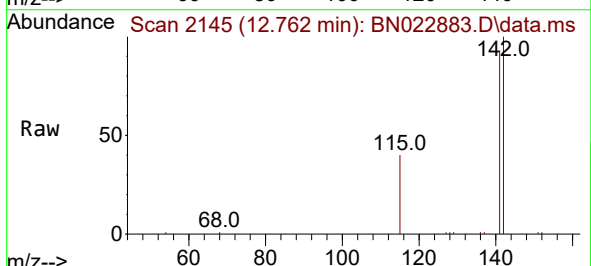
Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

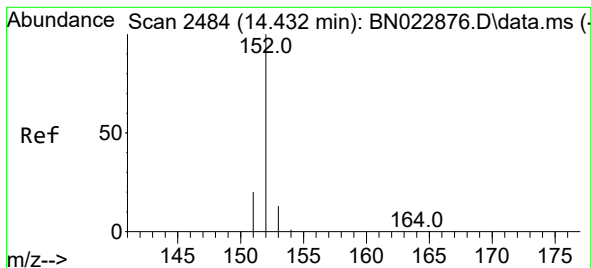
Tgt Ion:142 Resp: 15109
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Tgt Ion:142 Resp: 15278
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6





#10

Acenaphthylene

Concen: 0.415 ng/ul

RT: 14.432 min Scan# 2484

Delta R.T. 0.000 min

Lab File: BN022883.D

Acq: 26 Nov 2022 16:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.4341

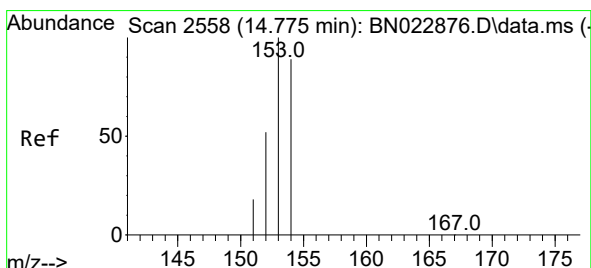
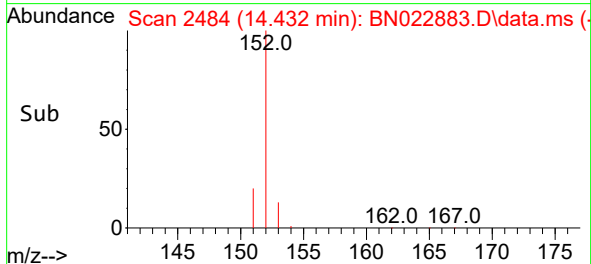
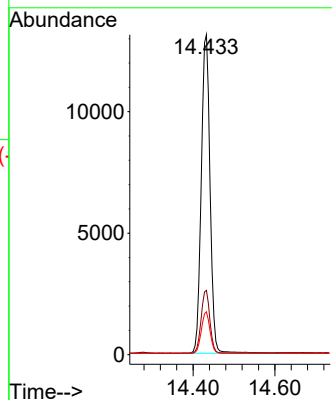
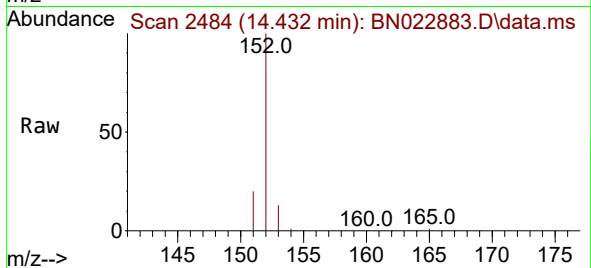
Tgt Ion:152 Resp: 19504

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.4 10.5 15.7



#11

Acenaphthene

Concen: 0.419 ng/ul

RT: 14.770 min Scan# 2557

Delta R.T. -0.005 min

Lab File: BN022883.D

Acq: 26 Nov 2022 16:15

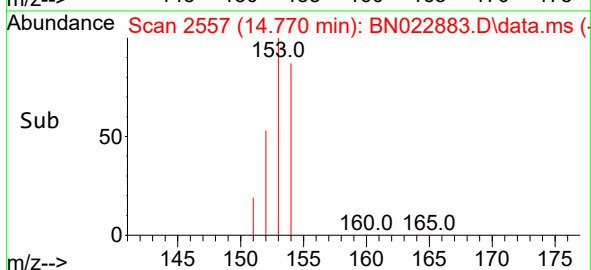
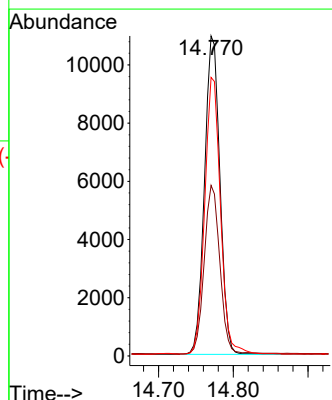
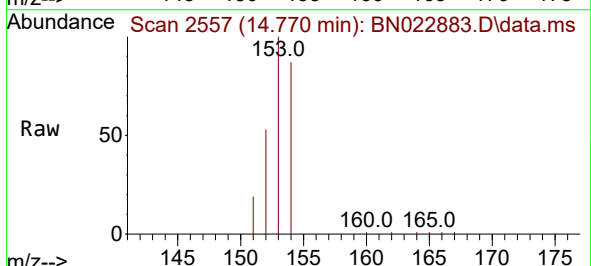
Tgt Ion:153 Resp: 15598

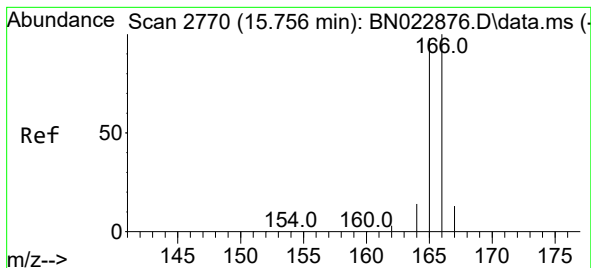
Ion Ratio Lower Upper

153 100

152 53.3 41.8 62.8

154 87.0 71.3 106.9





#12

Fluorene

Concen: 0.403 ng/ul

RT: 15.756 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN022883.D

Acq: 26 Nov 2022 16:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.4341

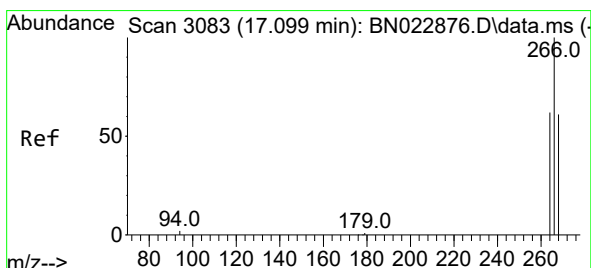
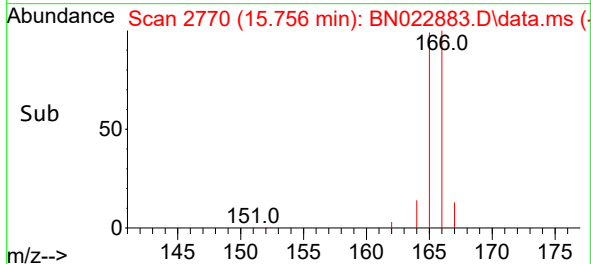
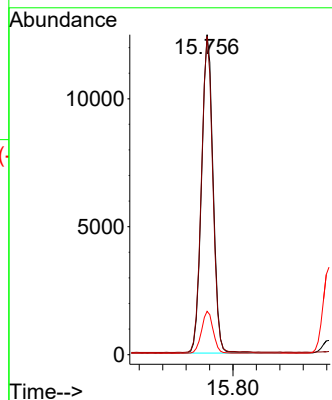
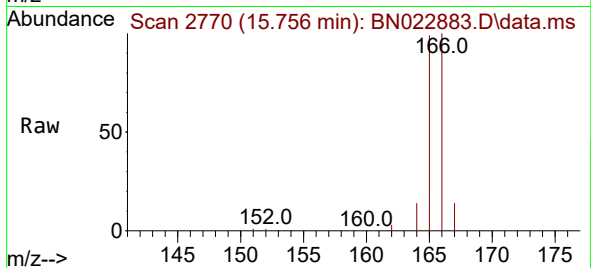
Tgt Ion:166 Resp: 17000

Ion Ratio Lower Upper

166 100

165 99.4 78.7 118.1

167 13.6 10.8 16.2



#14

Pentachlorophenol

Concen: 0.366 ng/ul

RT: 17.099 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BN022883.D

Acq: 26 Nov 2022 16:15

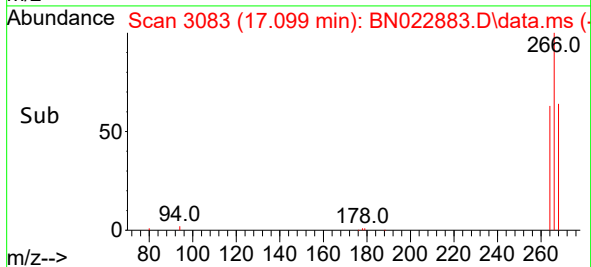
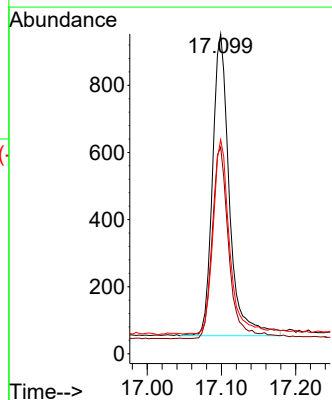
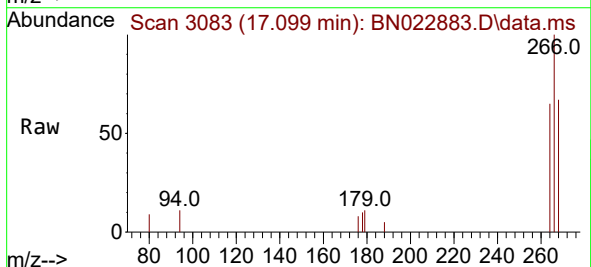
Tgt Ion:266 Resp: 1417

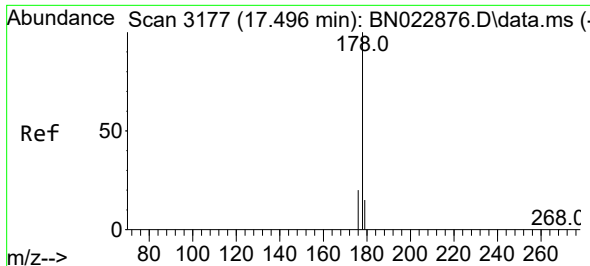
Ion Ratio Lower Upper

266 100

264 62.8 0.0 0.0#

268 63.7 0.0 0.0#

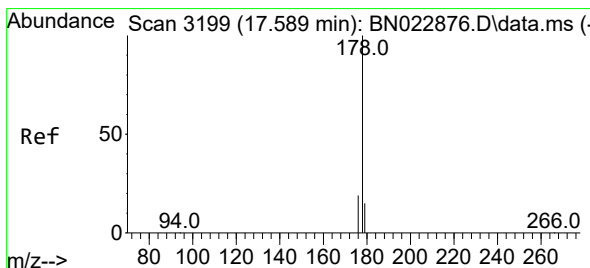
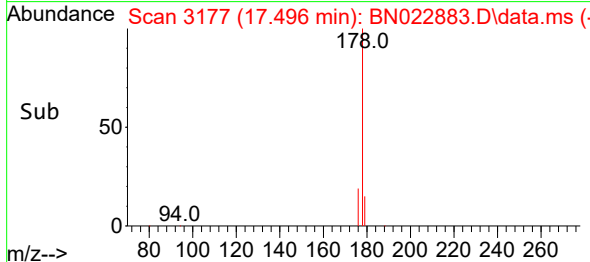
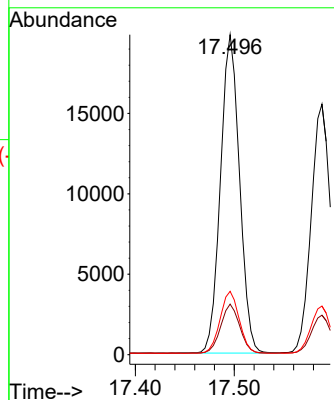
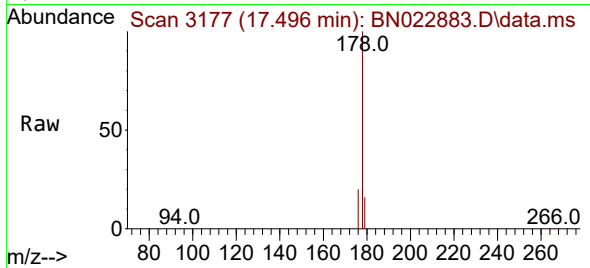




#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

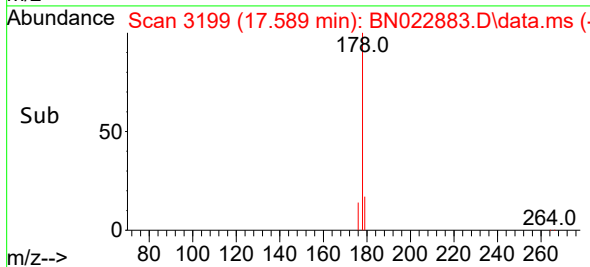
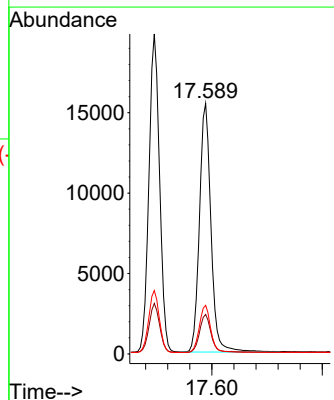
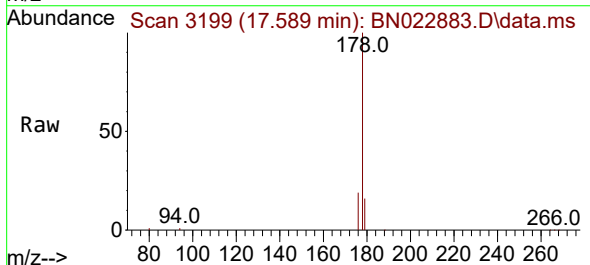
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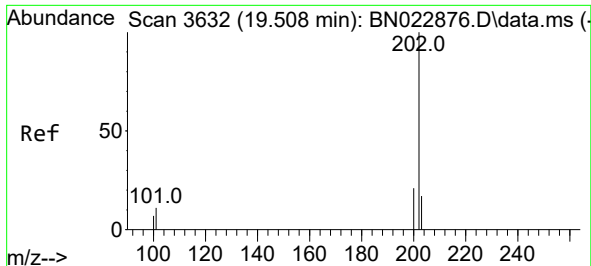
Tgt Ion:178 Resp: 26423
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.8 15.9 23.9



#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Tgt Ion:178 Resp: 22303
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.4 15.3 22.9

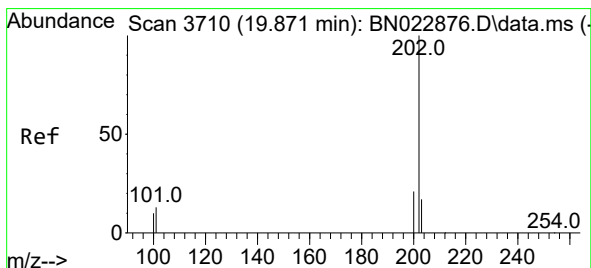
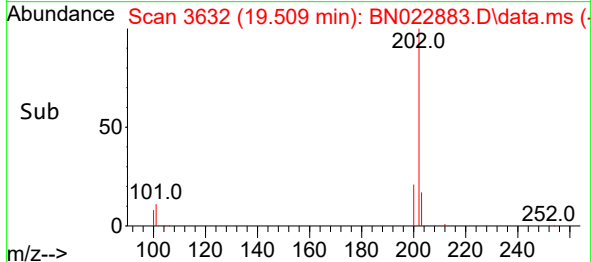
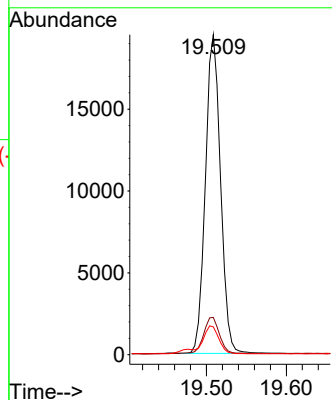
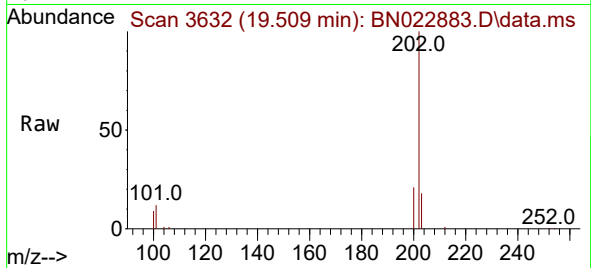




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.509 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

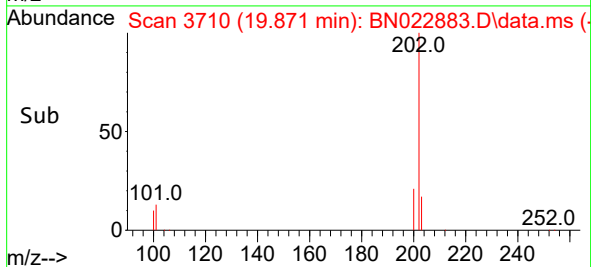
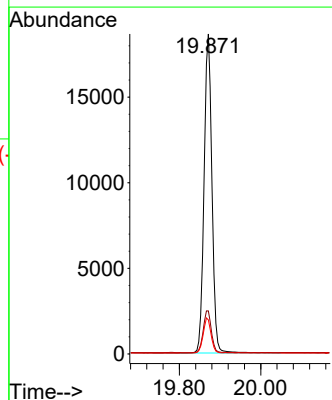
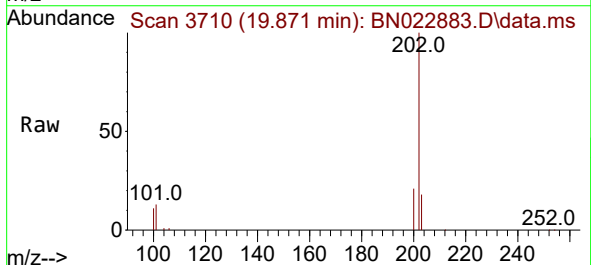
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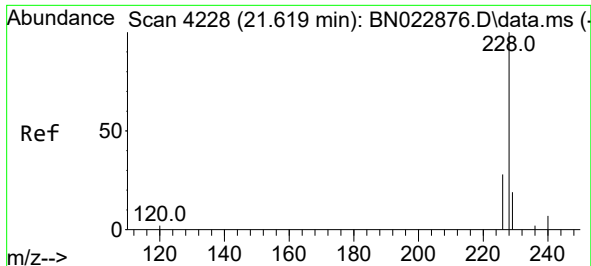
Tgt Ion:202 Resp: 25601
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
100 8.7 6.9 10.3



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Tgt Ion:202 Resp: 25004
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 10.6 8.2 12.4

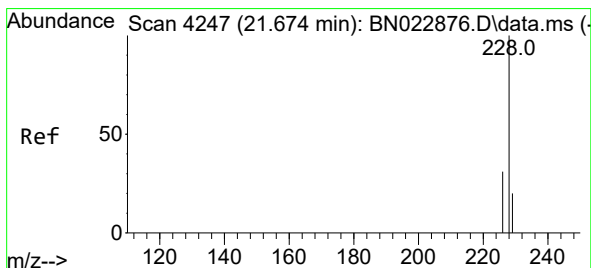
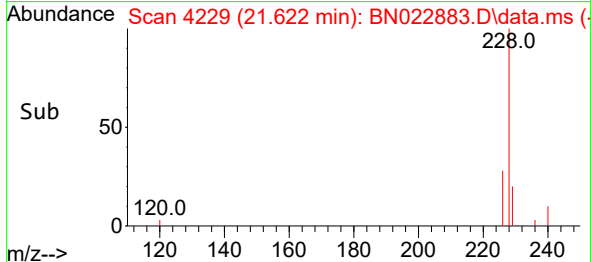
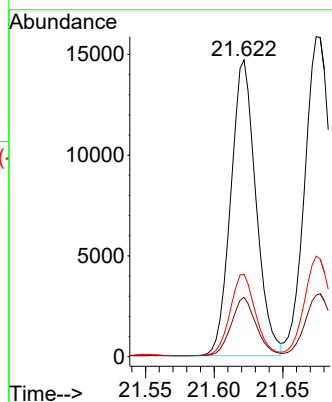
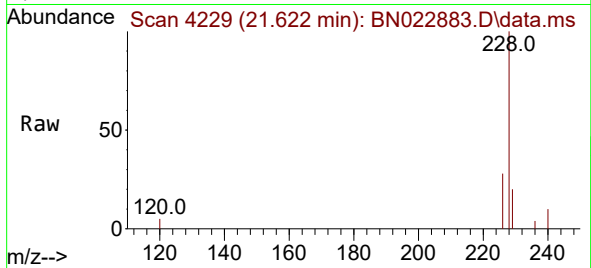




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.622 min Scan# 4229
Delta R.T. 0.003 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

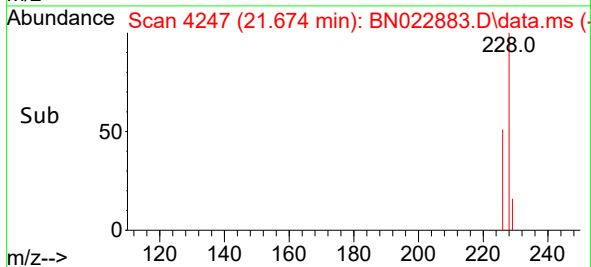
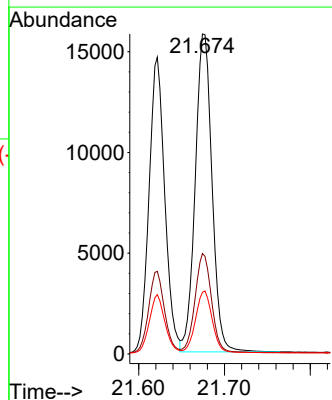
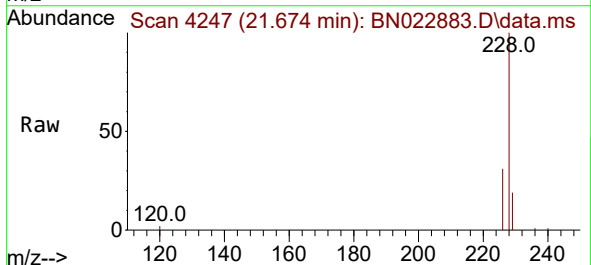
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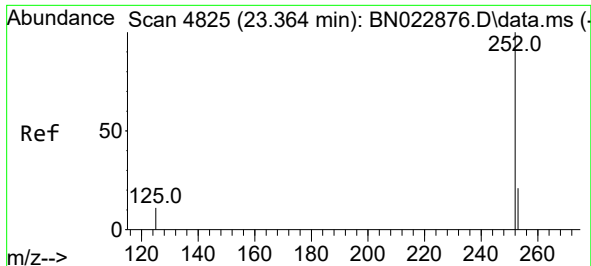
Tgt Ion:228 Resp: 18705
Ion Ratio Lower Upper
228 100
229 20.0 15.5 23.3
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.422 ng/ul
RT: 21.674 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

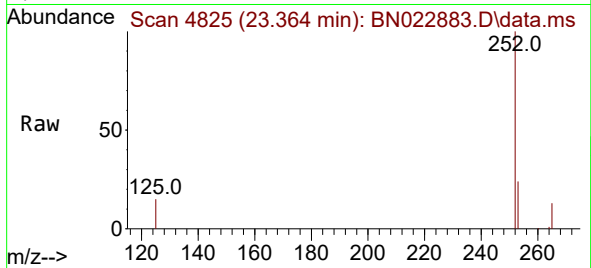
Tgt Ion:228 Resp: 21460
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 19.3 15.8 23.8



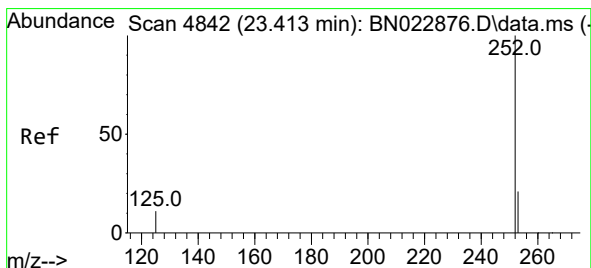
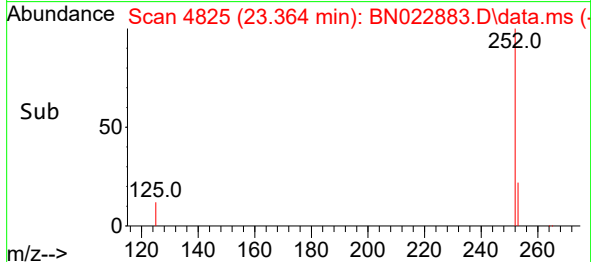
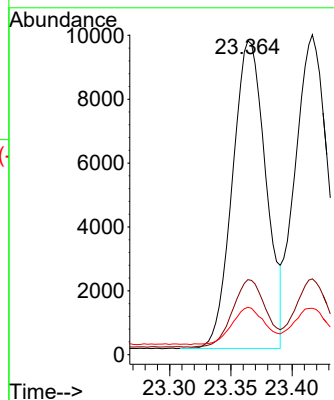


#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.364 min Scan# 4825
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

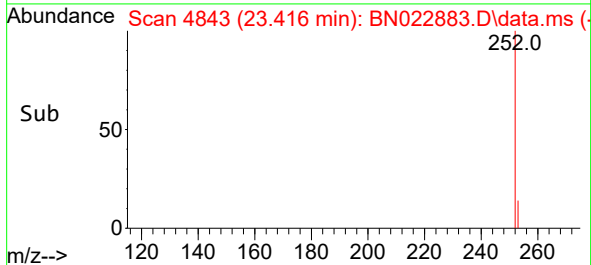
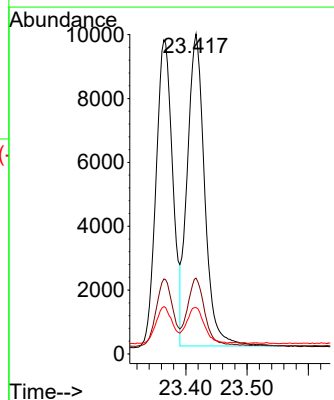
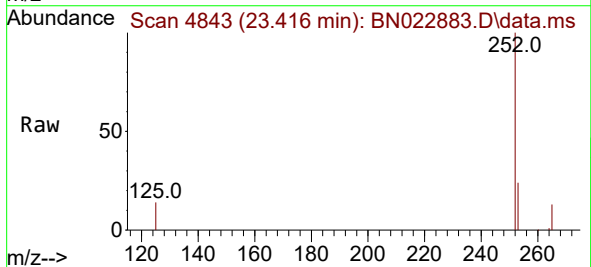


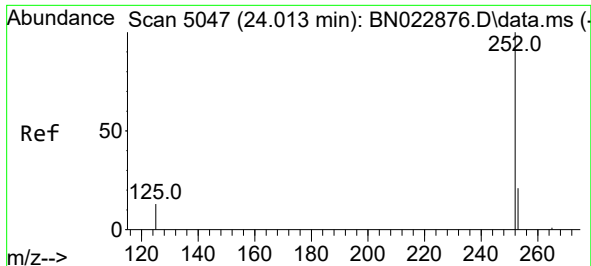
Tgt Ion:252 Resp: 18274
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.0
125 15.1 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 23.416 min Scan# 4843
Delta R.T. 0.003 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

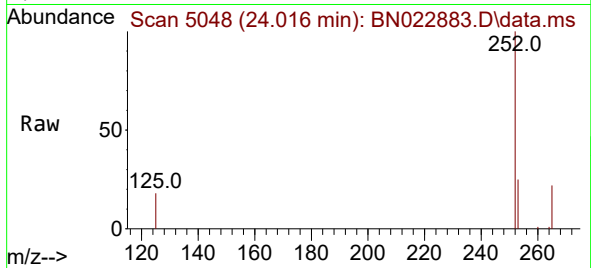
Tgt Ion:252 Resp: 19188
Ion Ratio Lower Upper
252 100
253 23.7 18.7 28.1
125 14.5 11.3 16.9



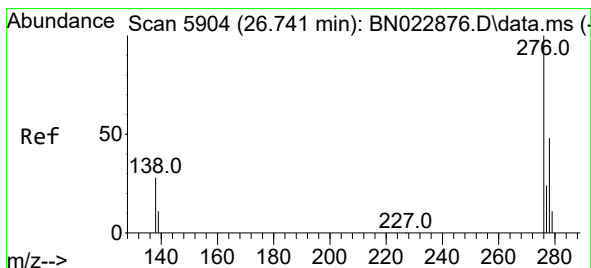
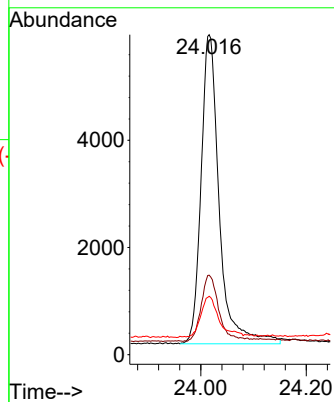
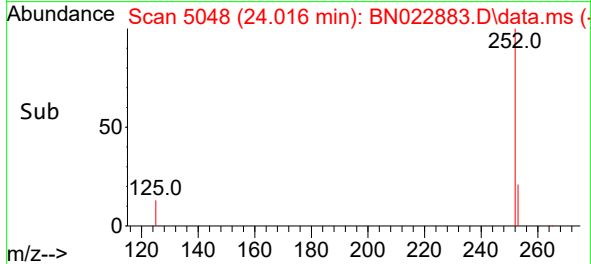


#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 24.016 min Scan# 5048
Delta R.T. 0.003 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

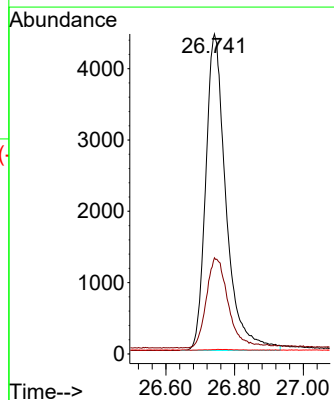
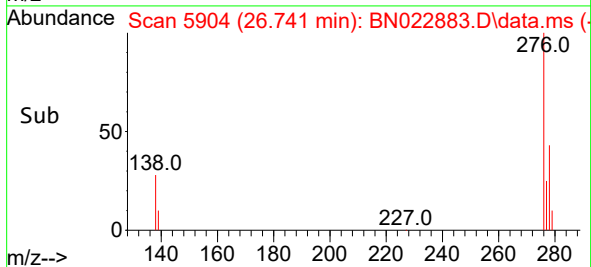
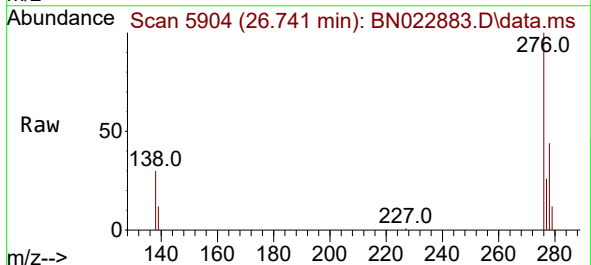


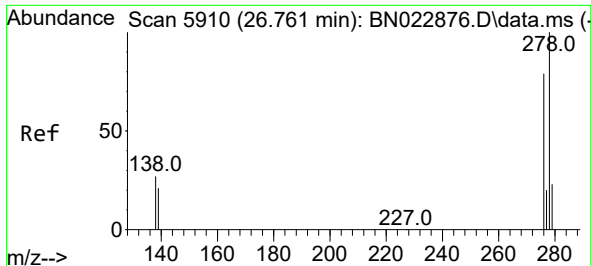
Tgt Ion:252 Resp: 13770
Ion Ratio Lower Upper
252 100
253 24.8 19.7 29.5
125 18.3 13.7 20.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.465 ng/ul
RT: 26.741 min Scan# 5904
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Tgt Ion:276 Resp: 18238
Ion Ratio Lower Upper
276 100
138 30.8 0.0 0.0#
227 0.2 0.0 0.0#

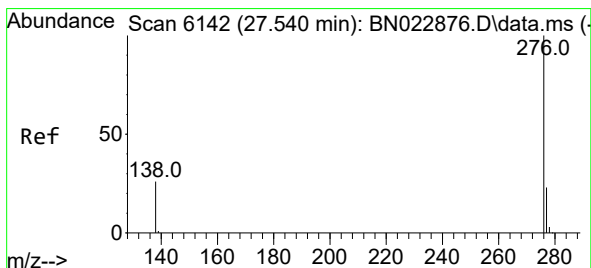
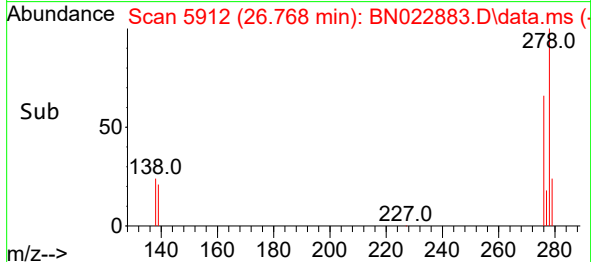
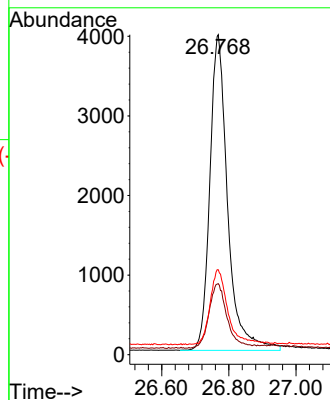
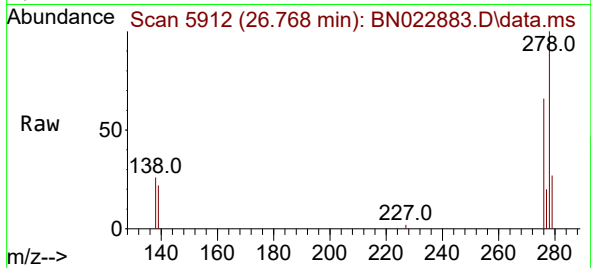




#28
Dibenzo(a,h)anthracene
Concen: 0.468 ng/ul
RT: 26.768 min Scan# 5912
Delta R.T. 0.007 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.4341

Tgt Ion:278 Resp: 14574
Ion Ratio Lower Upper
278 100
139 22.2 18.3 27.5
279 26.5 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.483 ng/ul
RT: 27.540 min Scan# 6142
Delta R.T. 0.000 min
Lab File: BN022883.D
Acq: 26 Nov 2022 16:15

Tgt Ion:276 Resp: 16500
Ion Ratio Lower Upper
276 100
138 27.6 22.1 33.1
277 25.4 19.4 29.2

