

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091523\
 Data File : BM041883.D
 Acq On : 15 Sep 2023 13:11
 Operator : MA/JU
 Sample : SST0.438
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4031

Quant Time: Sep 16 03:43:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 03:41:42 2023
 Response via : Initial Calibration

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

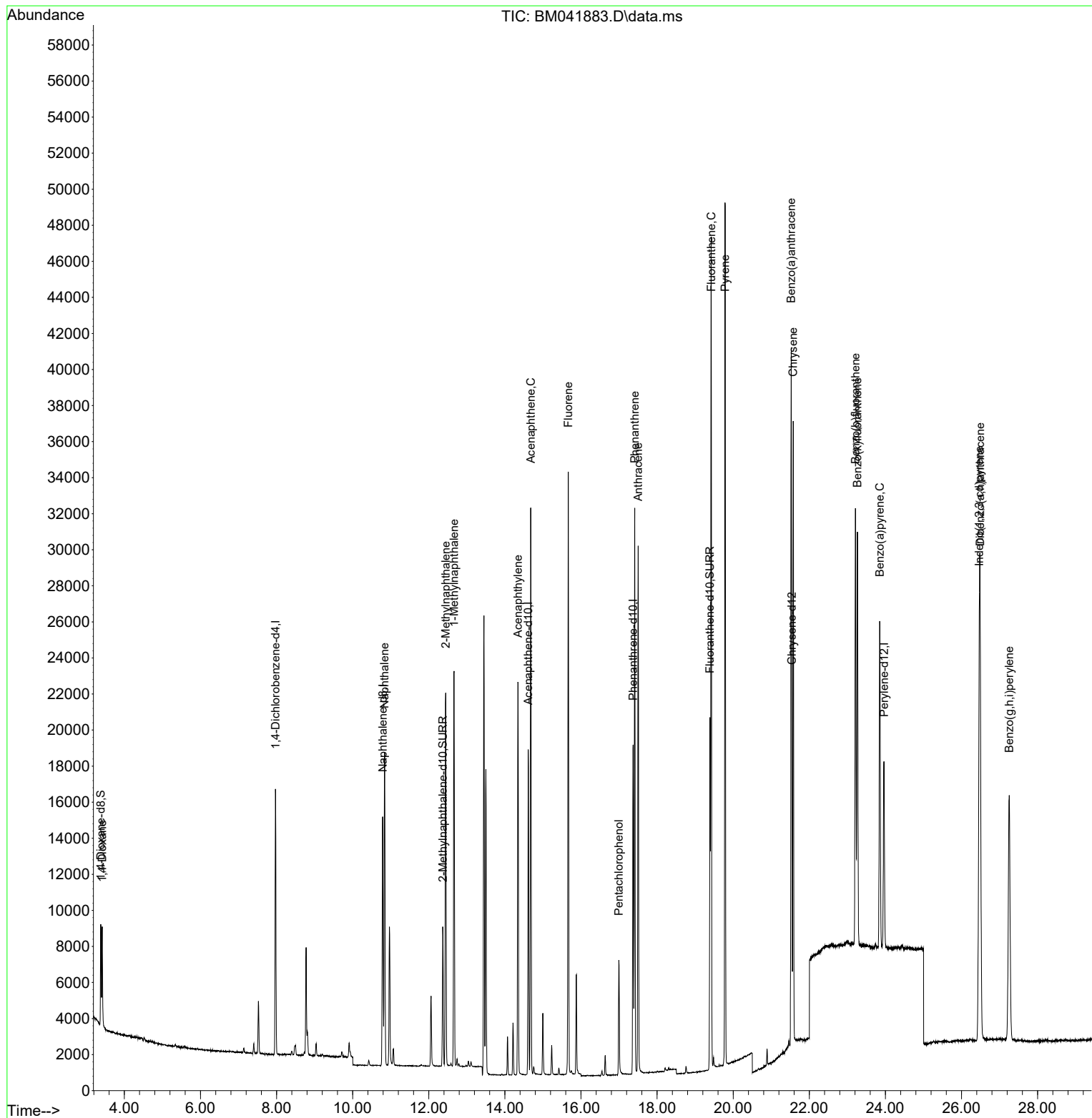
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	7372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	17723	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	19838	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	13052	0.400	ng/ul	0.00
23) Perylene-d12	23.962	264	13887	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3407	0.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	9622	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	18003	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	3554	0.373	ng/ul	100
5) Naphthalene	10.839	128	23187	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.445	142	14728	0.411	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	14900	0.408	ng/ul	100
10) Acenaphthylene	14.342	152	24803	0.424	ng/ul	100
11) Acenaphthene	14.680	153	17252	0.394	ng/ul	100
12) Fluorene	15.665	166	20295	0.395	ng/ul	100
14) Pentachlorophenol	16.995	266	4361	0.390	ng/ul	100
15) Phenanthrene	17.413	178	32152	0.378	ng/ul	100
16) Anthracene	17.502	178	30665	0.408	ng/ul	100
19) Fluoranthene	19.422	202	36932	0.374	ng/ul	100
20) Pyrene	19.789	202	38642	0.374	ng/ul	100
21) Benzo(a)anthracene	21.524	228	30764	0.367	ng/ul	100
22) Chrysene	21.577	228	29023	0.343	ng/ul	100
24) Benzo(b)fluoranthene	23.213	252	30985	0.327	ng/ul	100
25) Benzo(k)fluoranthene	23.263	252	29701	0.339	ng/ul	100
26) Benzo(a)pyrene	23.851	252	26053	0.356	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.468	276	35263	0.319	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.488	278	26332	0.323	ng/ul	100
29) Benzo(g,h,i)perylene	27.256	276	28969	0.312	ng/ul	100

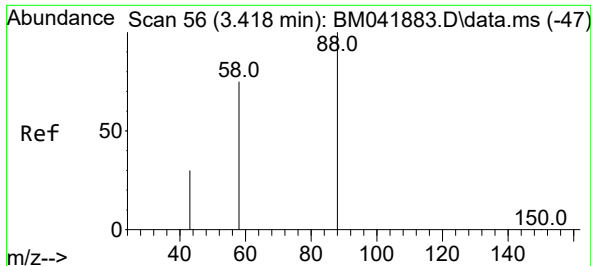
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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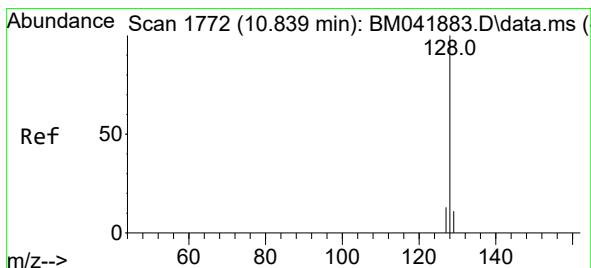
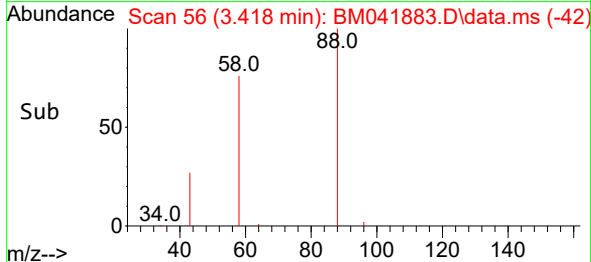
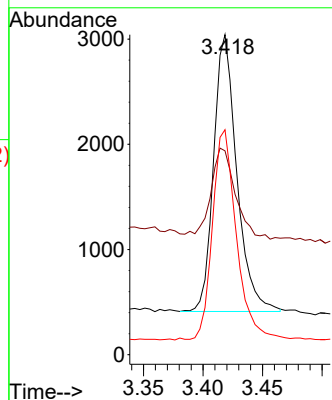
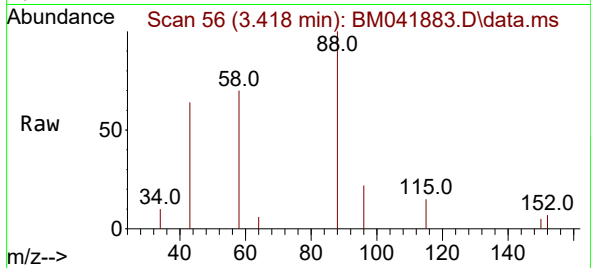




#2
1,4-Dioxane
Concen: 0.373 ng/ul
RT: 3.418 min Scan# 56
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

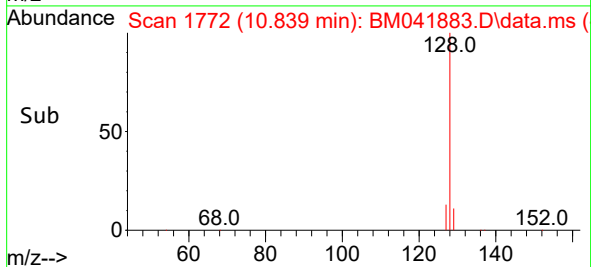
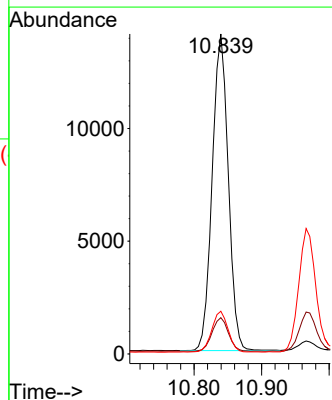
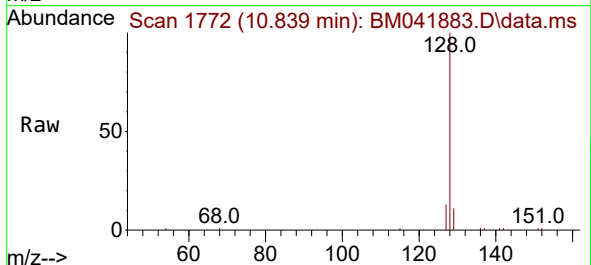
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

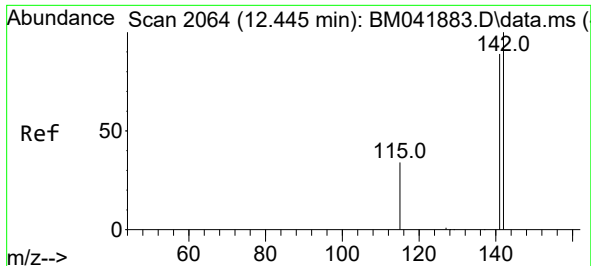
Tgt Ion: 88 Resp: 3554
Ion Ratio Lower Upper
88 100
43 63.7 51.0 76.4
58 70.3 56.2 84.4



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.839 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

Tgt Ion: 128 Resp: 23187
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.6 16.0

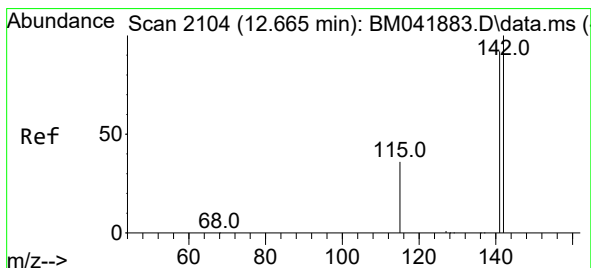
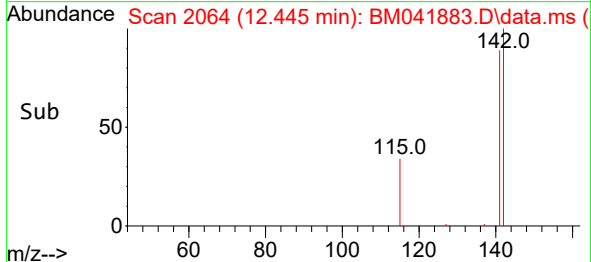
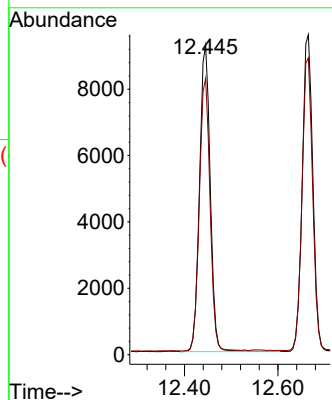
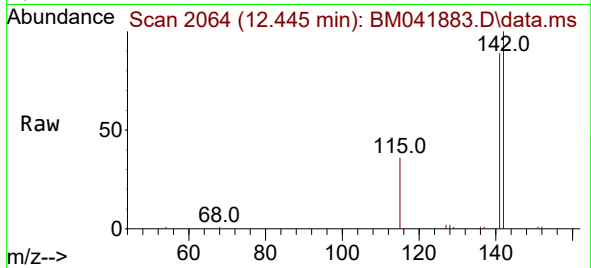




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

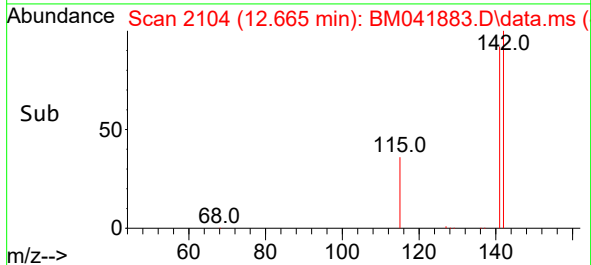
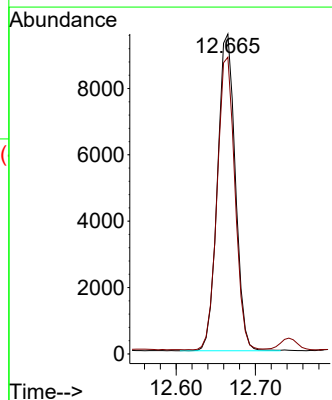
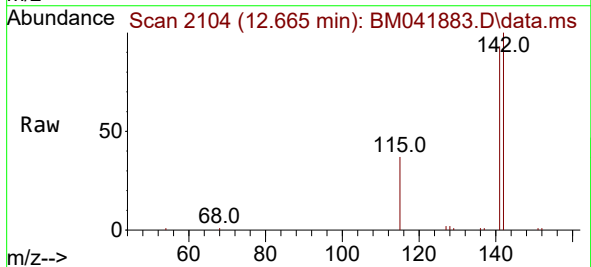
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

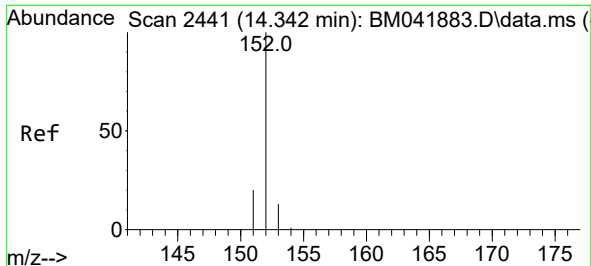
Tgt Ion:142 Resp: 14728
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

Tgt Ion:142 Resp: 14900
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

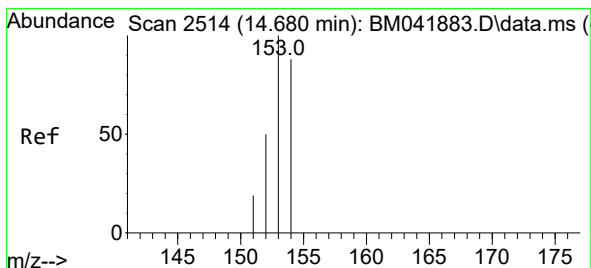
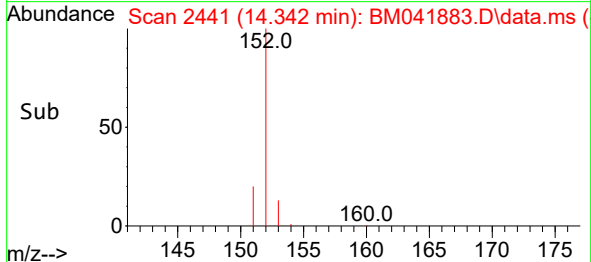
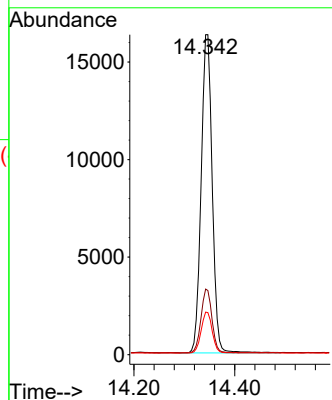
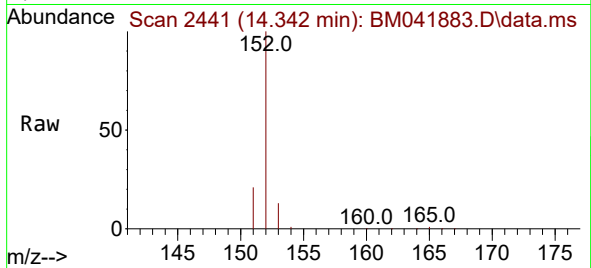




#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.342 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

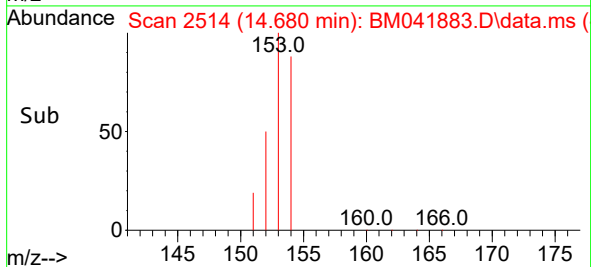
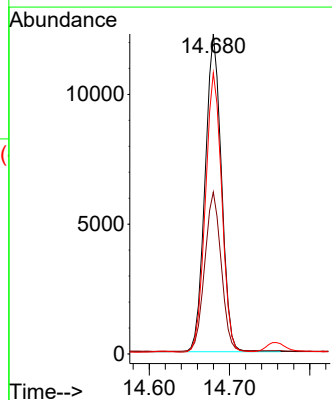
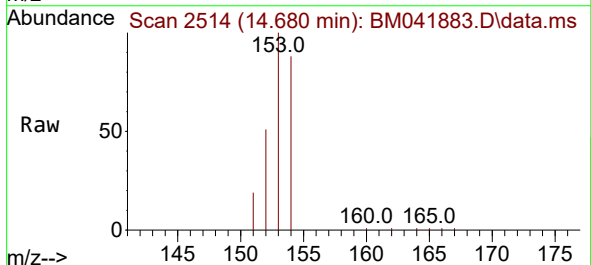
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

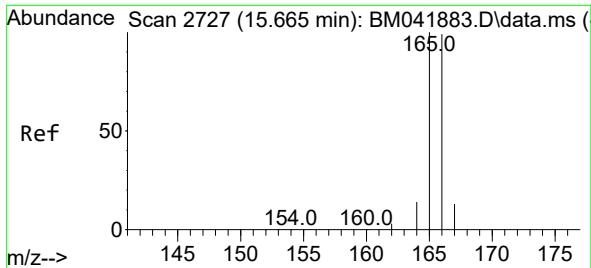
Tgt Ion:152 Resp: 24803
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

Tgt Ion:153 Resp: 17252
Ion Ratio Lower Upper
153 100
152 50.6 40.5 60.7
154 87.8 70.2 105.4

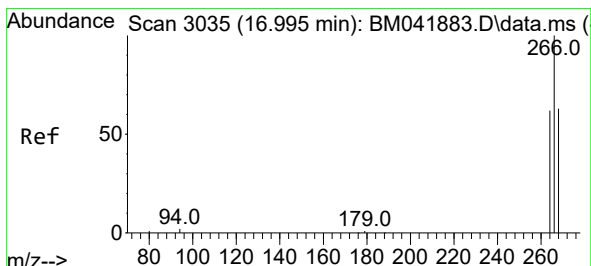
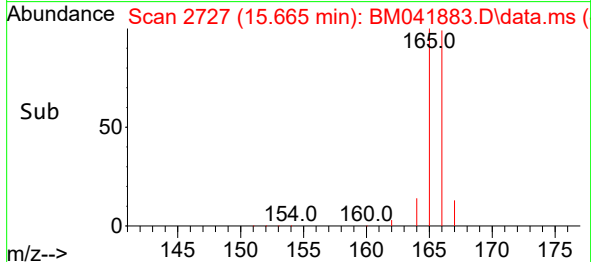
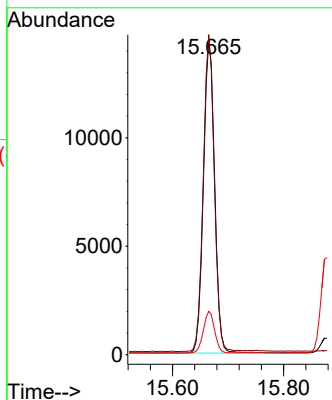
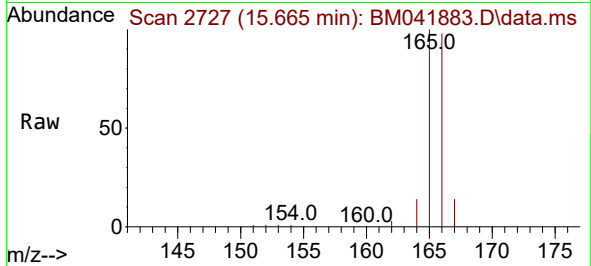




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.665 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

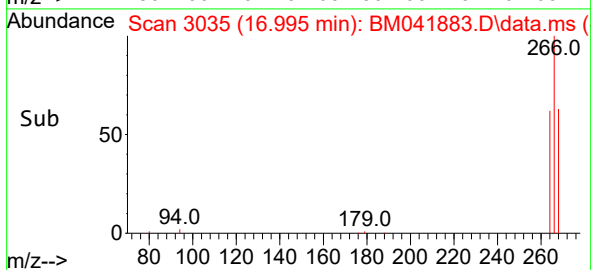
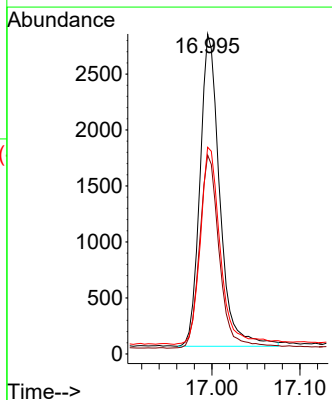
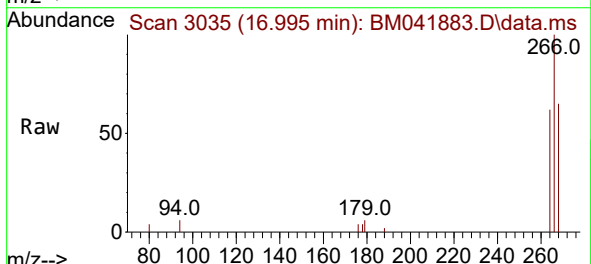
Instrument :
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ClientSampleId :
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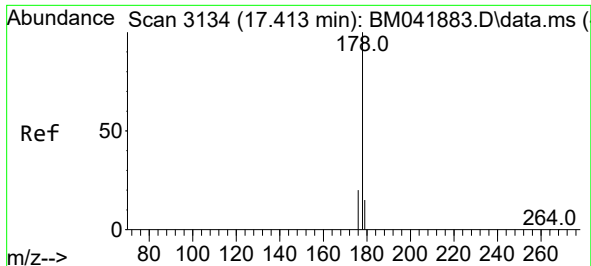
Tgt Ion:166 Resp: 20295
Ion Ratio Lower Upper
166 100
165 101.7 81.4 122.0
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.390 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

Tgt Ion:266 Resp: 4361
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.8
268 64.1 51.3 76.9

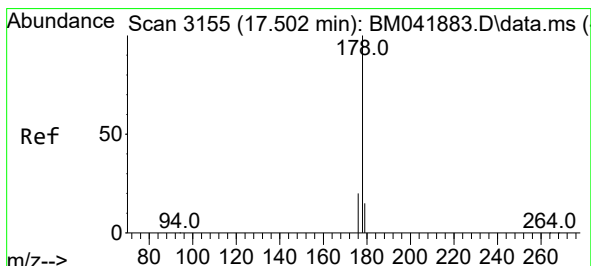
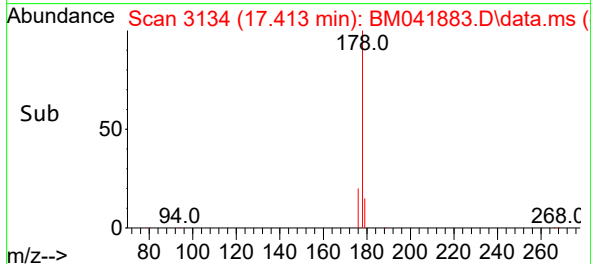
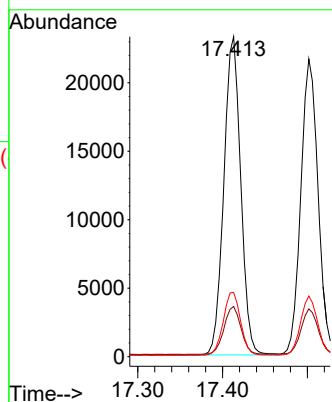
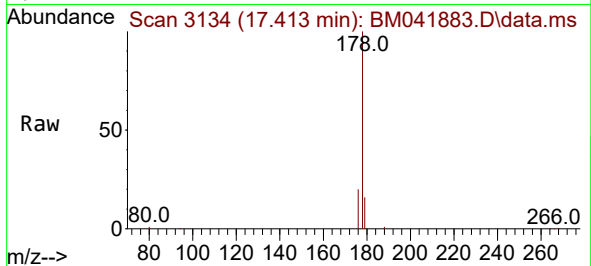




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

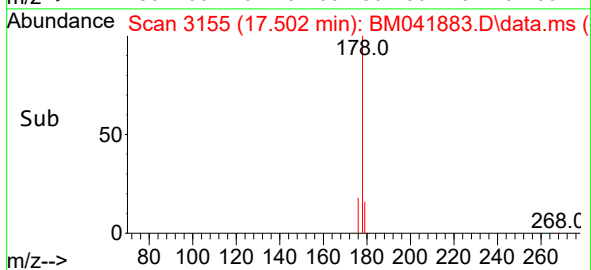
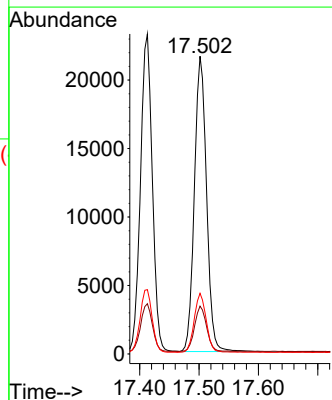
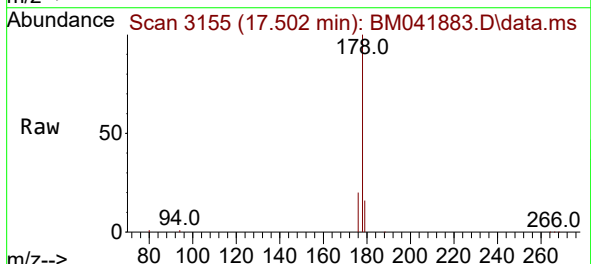
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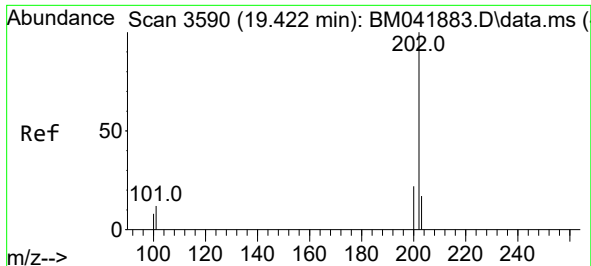
Tgt Ion:178 Resp: 32152
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 20.1 16.1 24.1



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

Tgt Ion:178 Resp: 30665
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.4 16.3 24.5

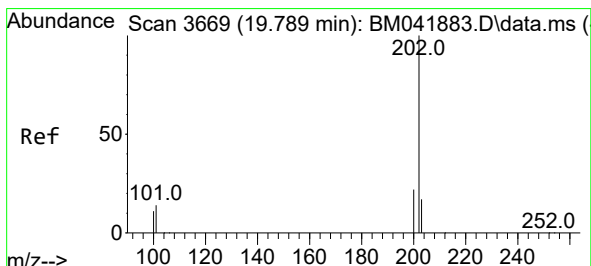
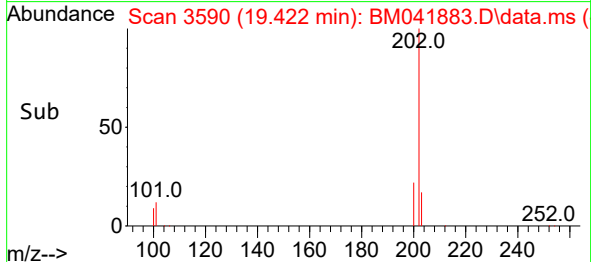
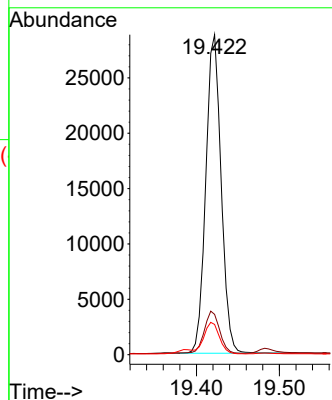
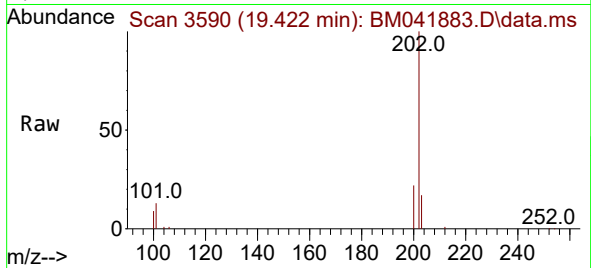




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

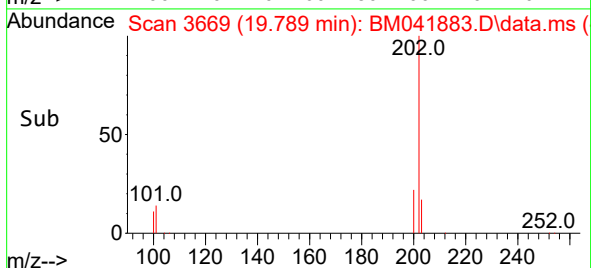
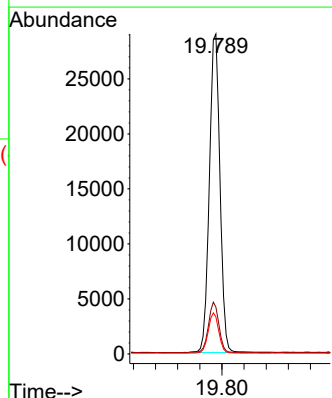
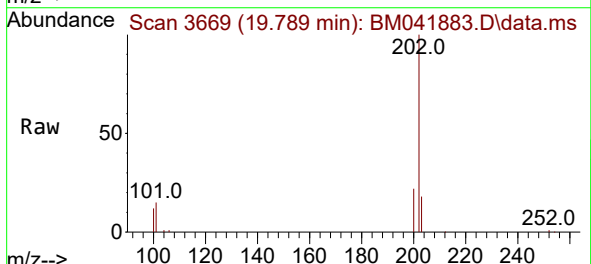
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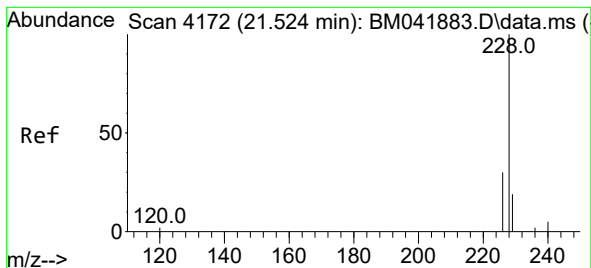
Tgt Ion:202 Resp: 36932
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.4 7.5 11.3



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

Tgt Ion:202 Resp: 38642
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 11.6 9.3 13.9





#21

Benzo(a)anthracene

Concen: 0.367 ng/ul

RT: 21.524 min Scan# 4172

Delta R.T. 0.000 min

Lab File: BM041883.D

Acq: 15 Sep 2023 13:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.4031

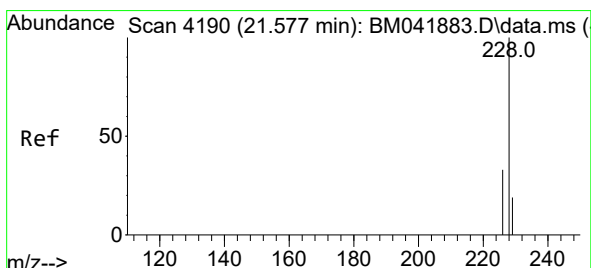
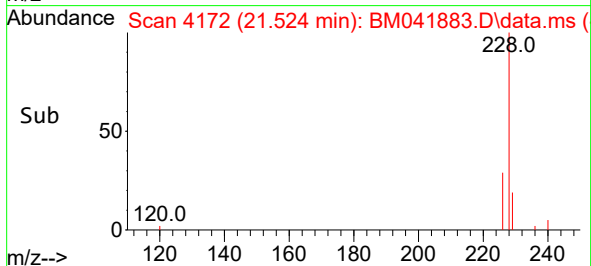
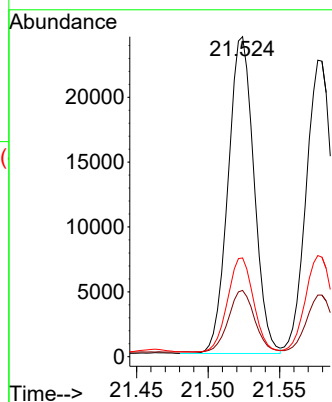
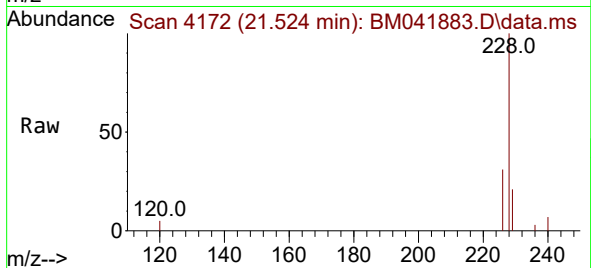
Tgt Ion:228 Resp: 30764

Ion Ratio Lower Upper

228 100

229 20.7 16.6 24.8

226 30.8 24.6 37.0



#22

Chrysene

Concen: 0.343 ng/ul

RT: 21.577 min Scan# 4190

Delta R.T. 0.000 min

Lab File: BM041883.D

Acq: 15 Sep 2023 13:11

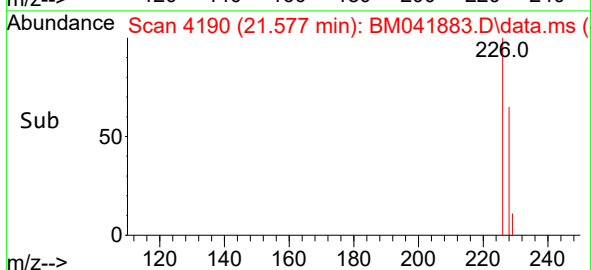
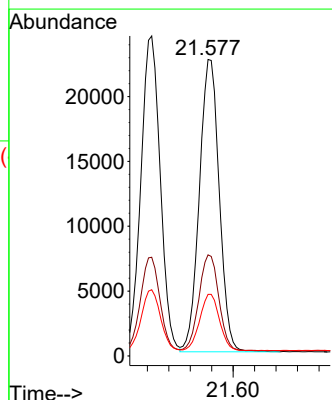
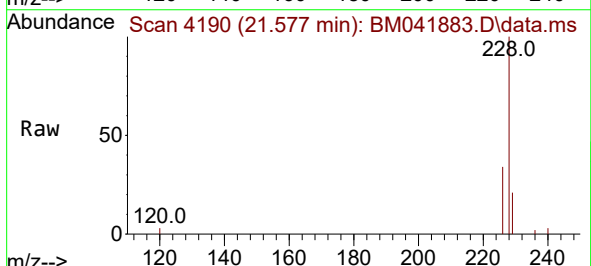
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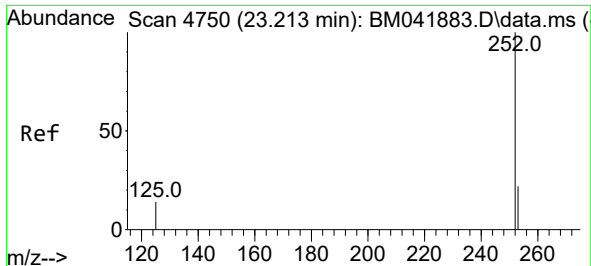
Ion Ratio Lower Upper

228 100

226 34.1 27.3 40.9

229 20.8 16.6 25.0

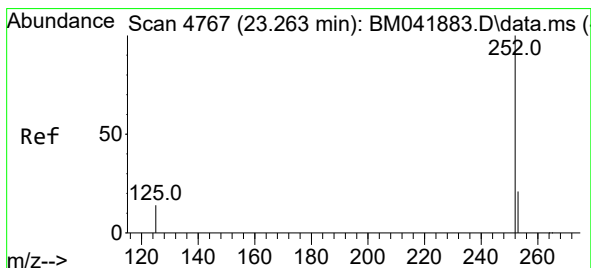
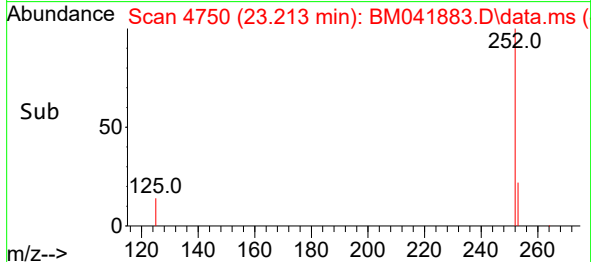
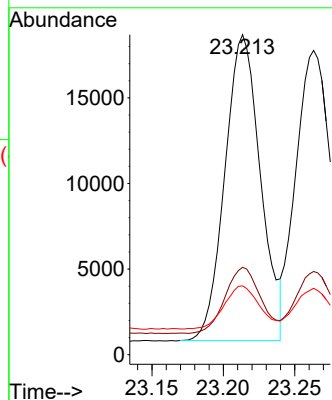
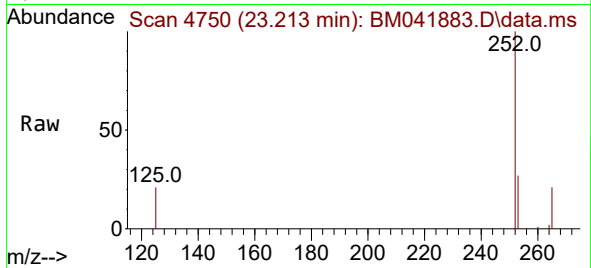




#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

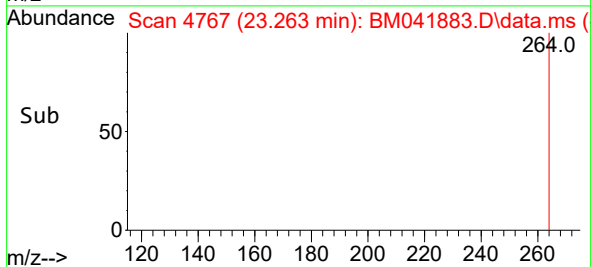
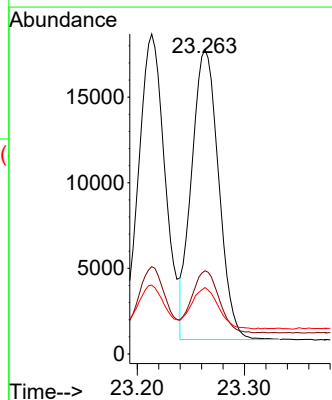
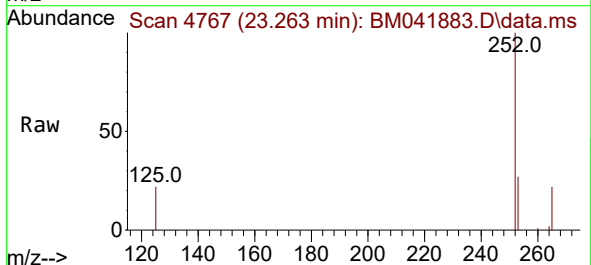
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

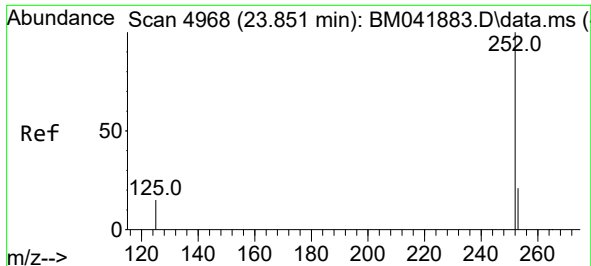
Tgt Ion:252 Resp: 30985
Ion Ratio Lower Upper
252 100
253 27.3 0.0 54.6
125 21.5 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

Tgt Ion:252 Resp: 29701
Ion Ratio Lower Upper
252 100
253 27.3 21.8 32.8
125 21.8 17.4 26.2

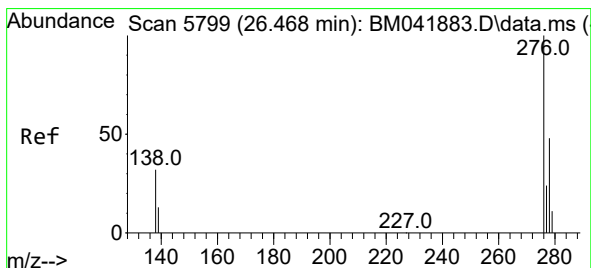
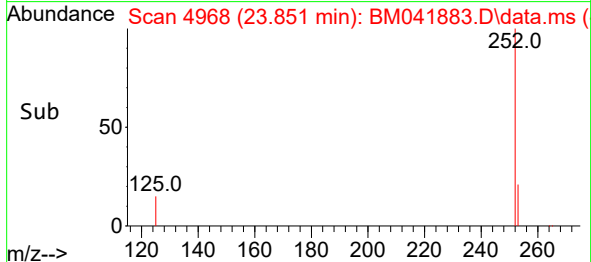
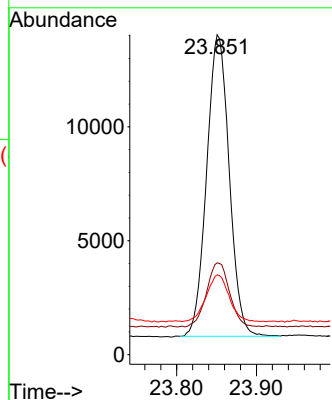
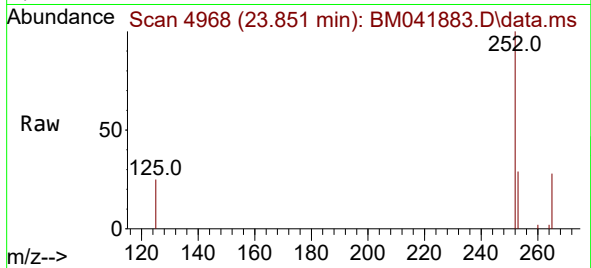




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.851 min Scan# 4968
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

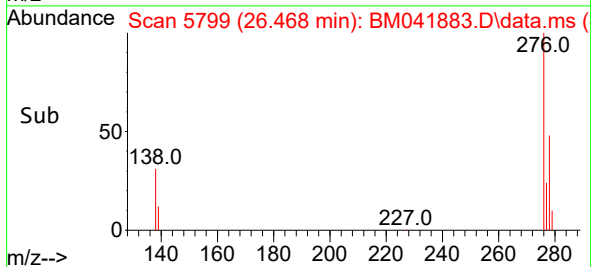
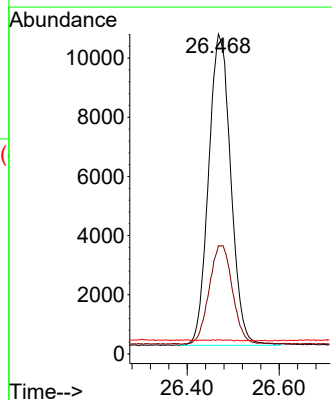
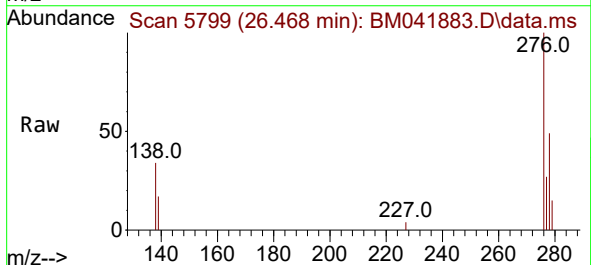
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

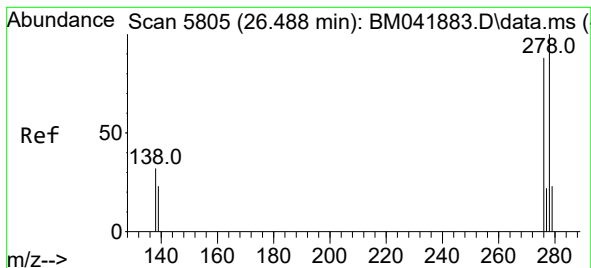
Tgt Ion:252 Resp: 26053
Ion Ratio Lower Upper
252 100
253 28.7 23.0 34.4
125 24.9 19.9 29.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. 0.000 min
Lab File: BM041883.D
Acq: 15 Sep 2023 13:11

Tgt Ion:276 Resp: 35263
Ion Ratio Lower Upper
276 100
138 33.4 26.7 40.1
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.323 ng/ul

RT: 26.488 min Scan# 5805

Delta R.T. 0.000 min

Lab File: BM041883.D

Acq: 15 Sep 2023 13:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.4031

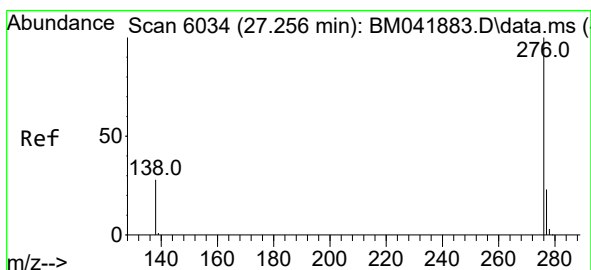
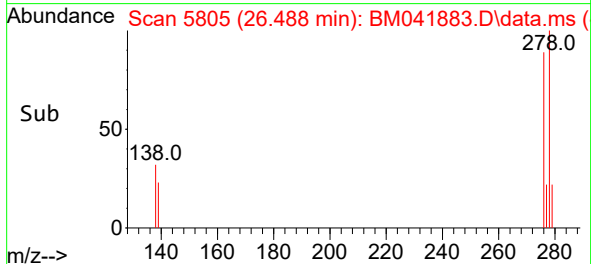
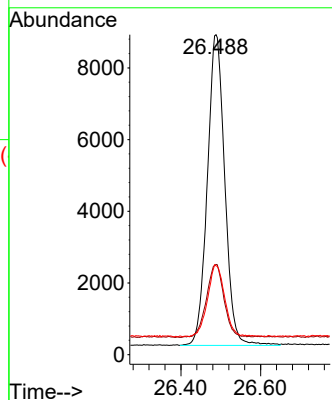
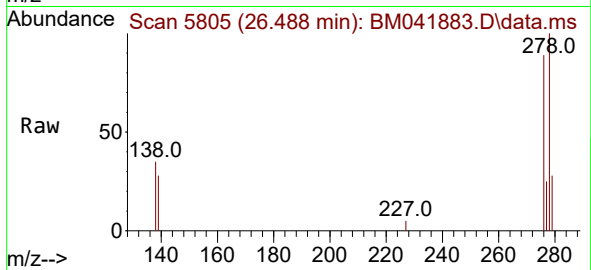
Tgt Ion:278 Resp: 26332

Ion Ratio Lower Upper

278 100

139 28.2 22.6 33.8

279 27.8 22.2 33.4



#29

Benzo(g,h,i)perylene

Concen: 0.312 ng/ul

RT: 27.256 min Scan# 6034

Delta R.T. 0.000 min

Lab File: BM041883.D

Acq: 15 Sep 2023 13:11

Tgt Ion:276 Resp: 28969

Ion Ratio Lower Upper

276 100

138 31.1 24.9 37.3

277 26.7 21.4 32.0

