

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091523\
 Data File : BM041881.D
 Acq On : 15 Sep 2023 11:58
 Operator : MA/JU
 Sample : SST0.136
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1029

Quant Time: Sep 16 03:43:05 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)

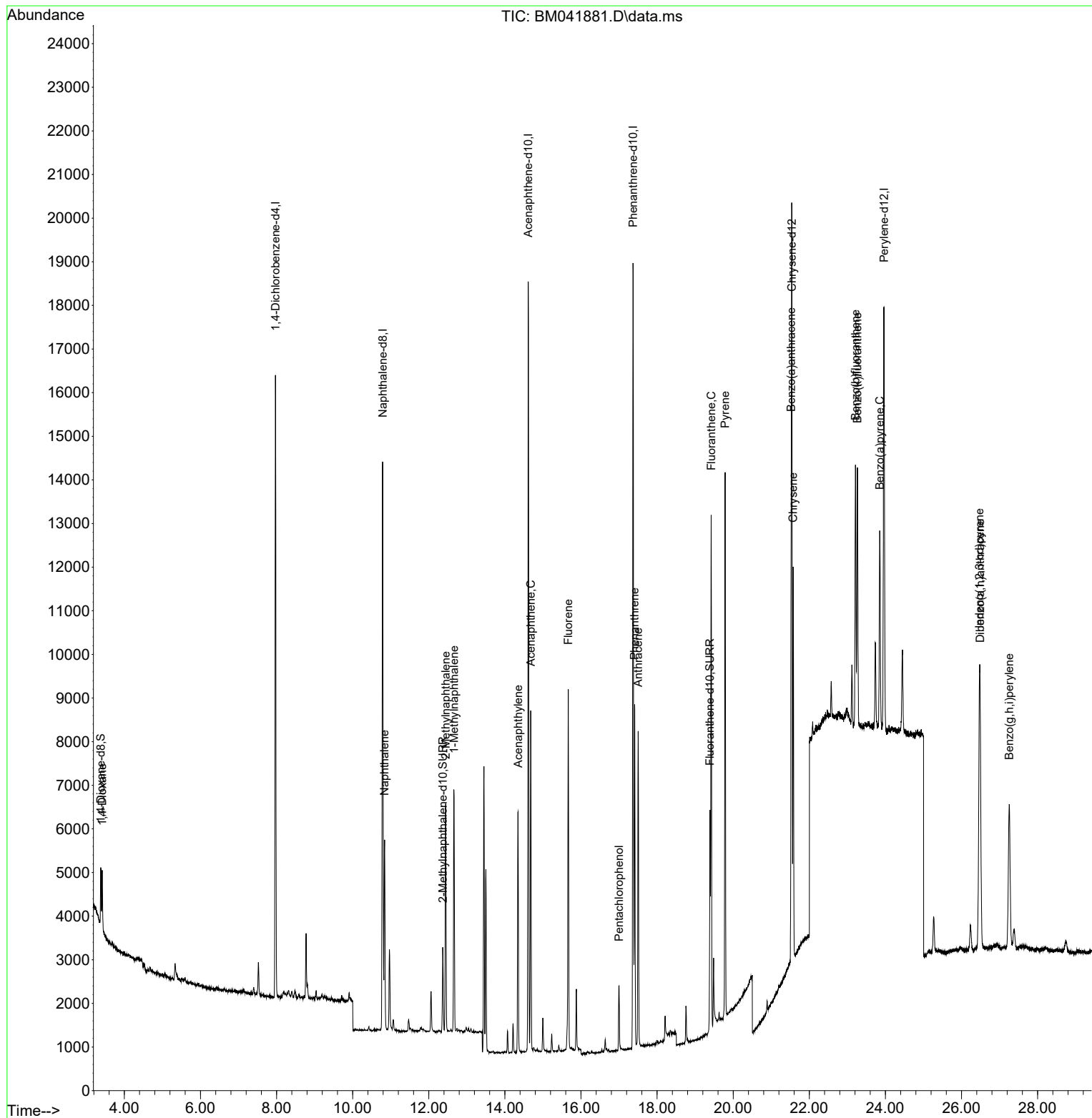
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7041	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	17060	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	8878	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	19542	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	12521	0.400	ng/ul	0.00
23) Perylene-d12	23.962	264	13309	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	886	0.102	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	2373	0.103	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	4710	0.111	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.419	88	918	0.101	ng/ul#	40
5) Naphthalene	10.840	128	5783	0.102	ng/ul	96
7) 2-Methylnaphthalene	12.445	142	3637	0.105	ng/ul	98
8) 1-Methylnaphthalene	12.665	142	3760	0.107	ng/ul	100
10) Acenaphthylene	14.347	152	6316	0.113	ng/ul	98
11) Acenaphthene	14.680	153	4343	0.103	ng/ul	97
12) Fluorene	15.665	166	5077	0.103	ng/ul	99
14) Pentachlorophenol	16.999	266	1071	0.097	ng/ul	100
15) Phenanthrene	17.409	178	8191	0.098	ng/ul	96
16) Anthracene	17.502	178	7661	0.103	ng/ul	97
19) Fluoranthene	19.422	202	9583	0.101	ng/ul	96
20) Pyrene	19.789	202	10105	0.102	ng/ul	96
21) Benzo(a)anthracene	21.524	228	8046	0.100	ng/ul#	92
22) Chrysene	21.577	228	7522	0.093	ng/ul#	91
24) Benzo(b)fluoranthene	23.214	252	7704	0.085	ng/ul#	62
25) Benzo(k)fluoranthene	23.263	252	7340	0.087	ng/ul#	62
26) Benzo(a)pyrene	23.854	252	6473	0.092	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.471	276	8526	0.081	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.488	278	6369	0.082	ng/ul#	67
29) Benzo(g,h,i)perylene	27.253	276	7035	0.079	ng/ul#	80

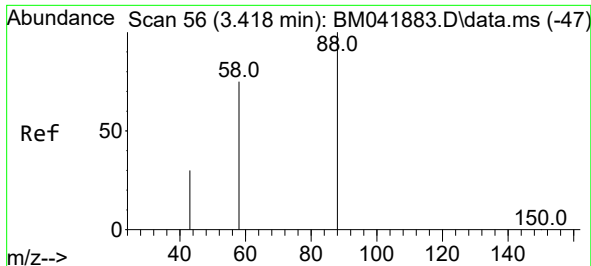
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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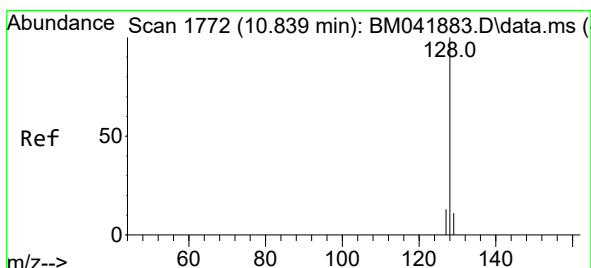
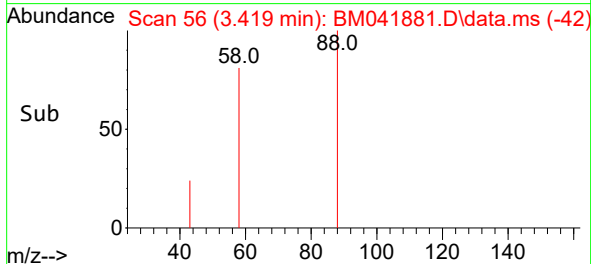
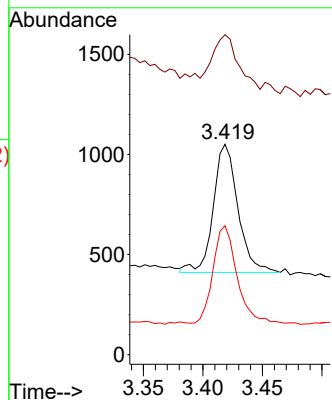
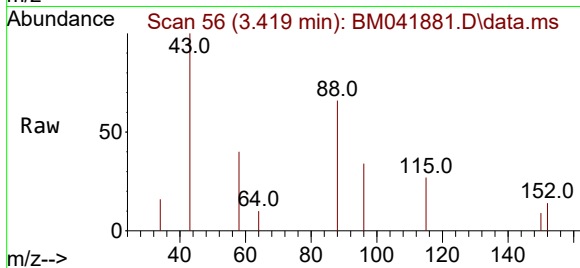




#2
1,4-Dioxane
Concen: 0.101 ng/ul
RT: 3.419 min Scan# 56
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

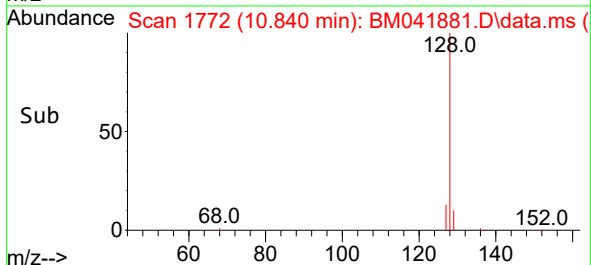
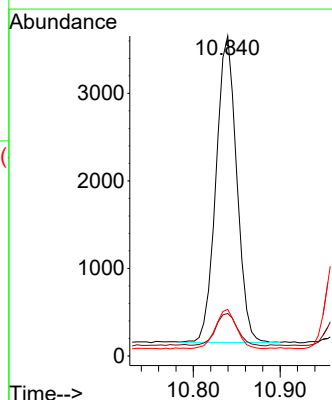
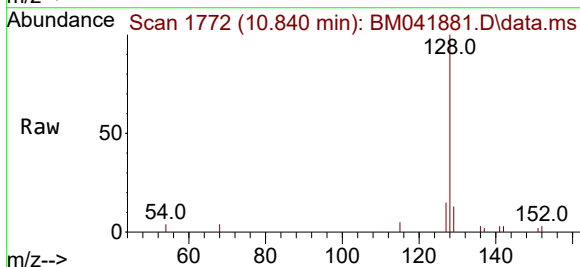
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

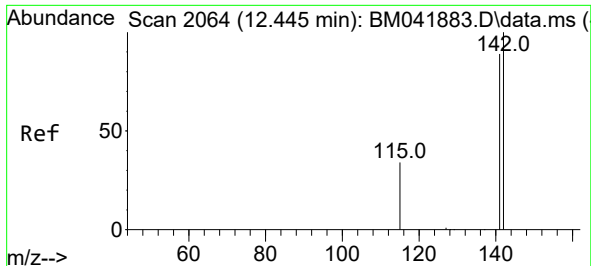
Tgt Ion: 88 Resp: 918
Ion Ratio Lower Upper
88 100
43 152.0 51.0 76.4#
58 61.3 56.2 84.4



#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

Tgt Ion: 128 Resp: 5783
Ion Ratio Lower Upper
128 100
129 13.3 9.0 13.6
127 14.5 10.6 16.0

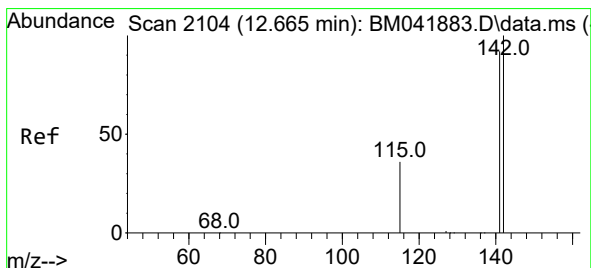
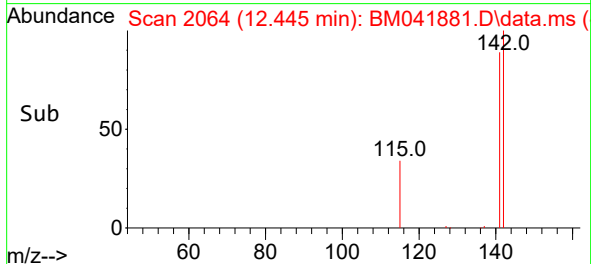
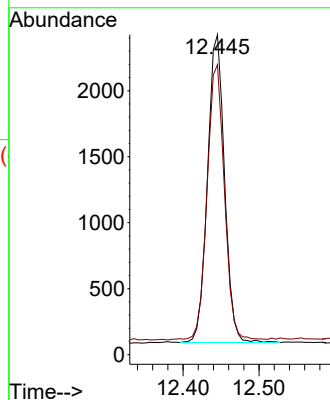
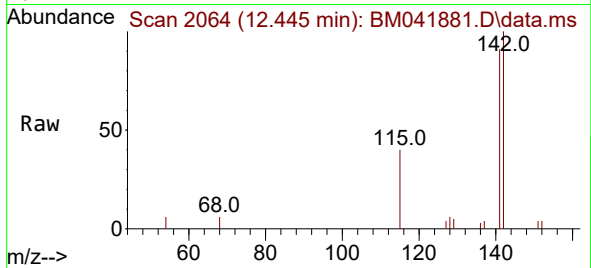




#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

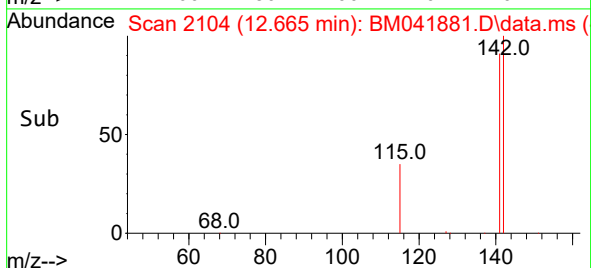
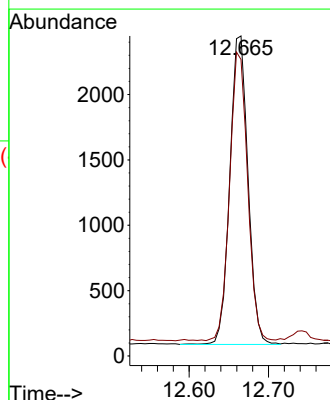
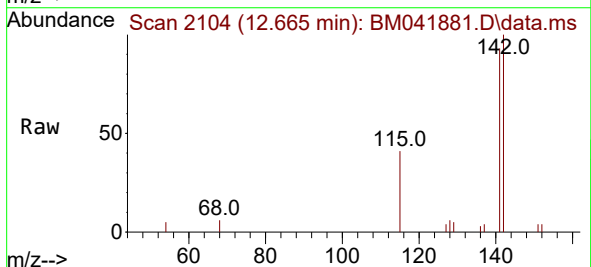
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

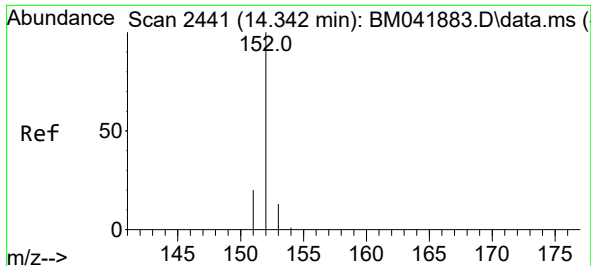
Tgt Ion:142 Resp: 3637
Ion Ratio Lower Upper
142 100
141 91.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

Tgt Ion:142 Resp: 3760
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9

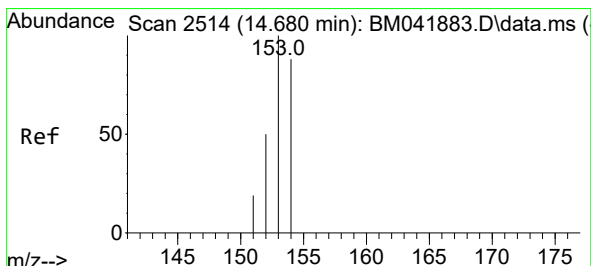
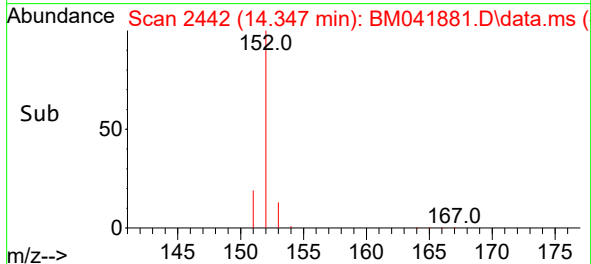
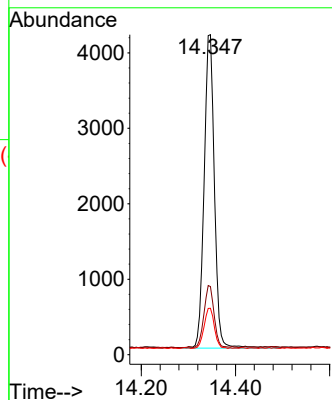
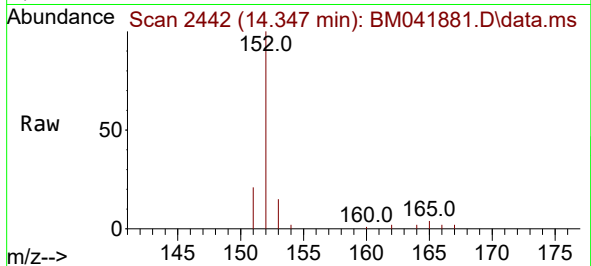




#10
Acenaphthylene
Concen: 0.113 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

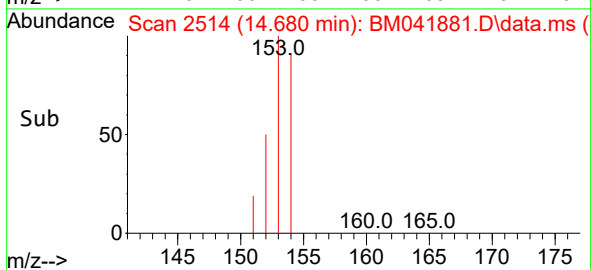
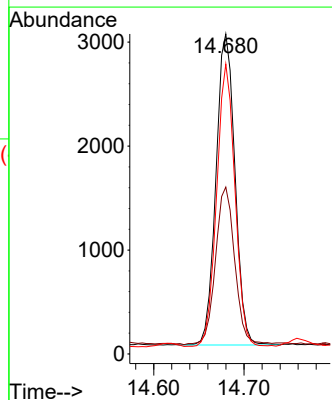
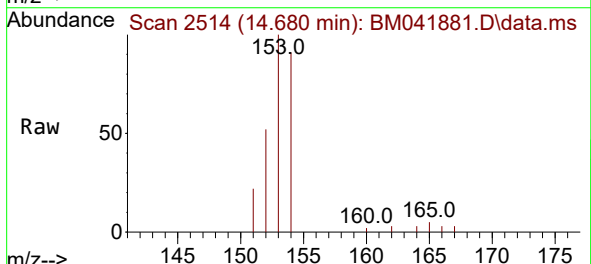
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

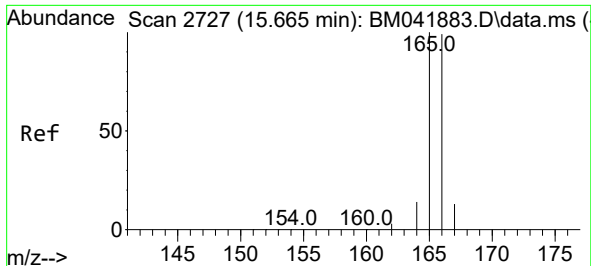
Tgt Ion:152 Resp: 6316
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 14.5 10.6 16.0



#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

Tgt Ion:153 Resp: 4343
Ion Ratio Lower Upper
153 100
152 52.2 40.5 60.7
154 90.6 70.2 105.4

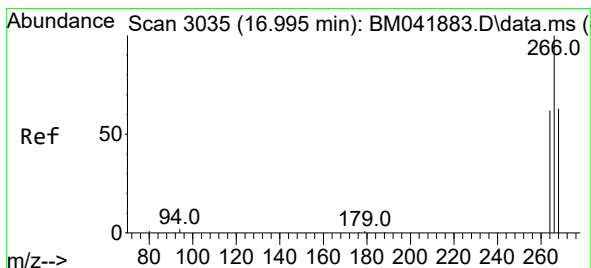
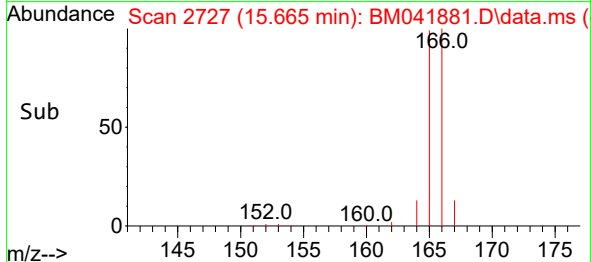
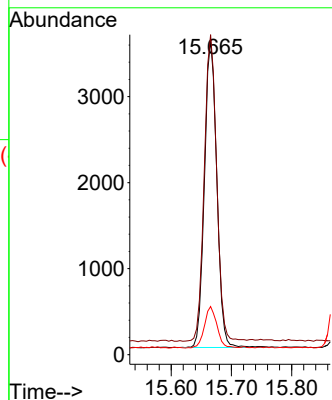
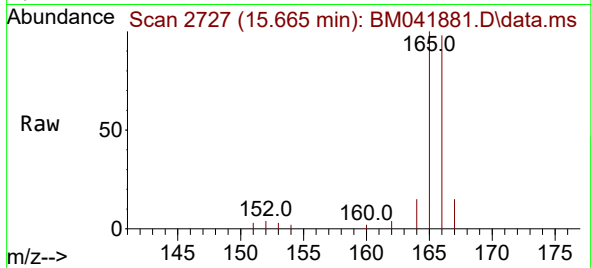




#12
Fluorene
Concen: 0.103 ng/ul
RT: 15.665 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

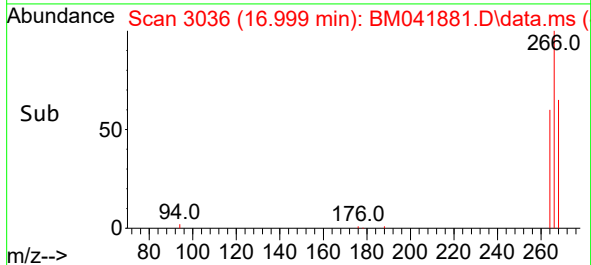
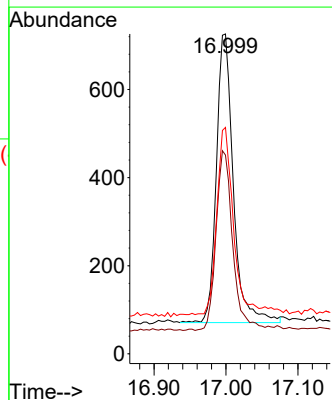
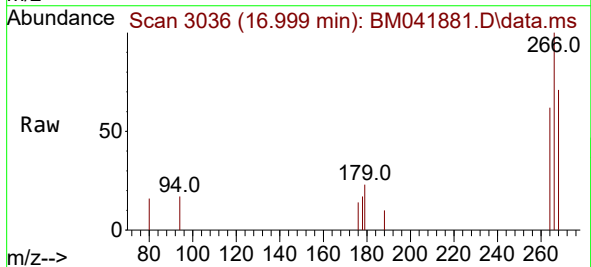
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

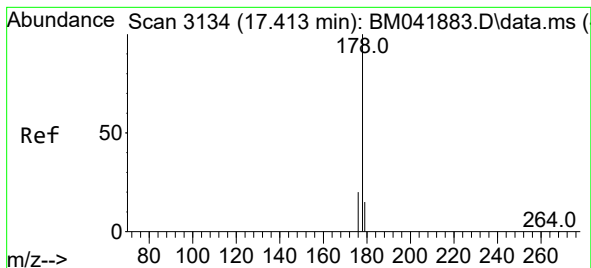
Tgt Ion:166 Resp: 5077
Ion Ratio Lower Upper
166 100
165 101.6 81.4 122.0
167 15.3 11.0 16.6



#14
Pentachlorophenol
Concen: 0.097 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. 0.004 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

Tgt Ion:266 Resp: 1071
Ion Ratio Lower Upper
266 100
264 62.4 49.8 74.8
268 63.5 51.3 76.9





#15

Phenanthrene

Concen: 0.098 ng/ul

RT: 17.409 min Scan# 3133

Delta R.T. -0.004 min

Lab File: BM041881.D

Acq: 15 Sep 2023 11:58

Instrument :

BNA_M

ClientSampleId :

SSTD0.1029

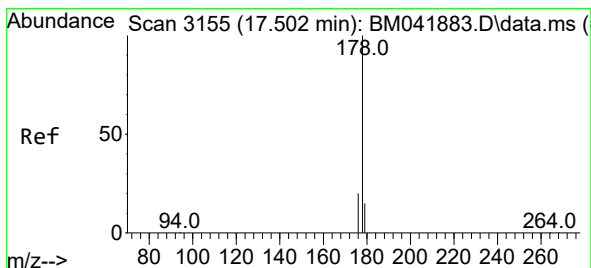
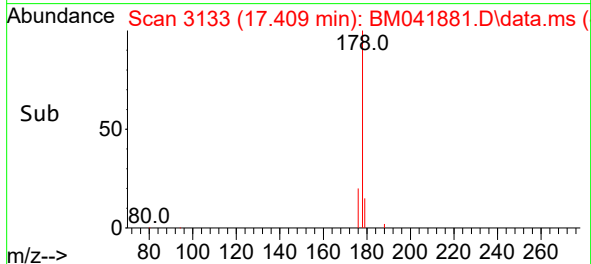
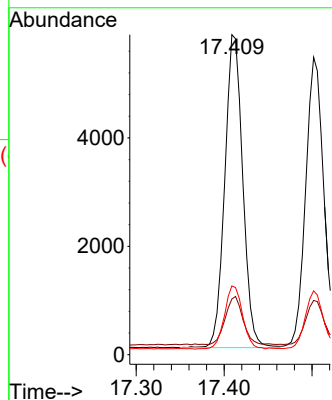
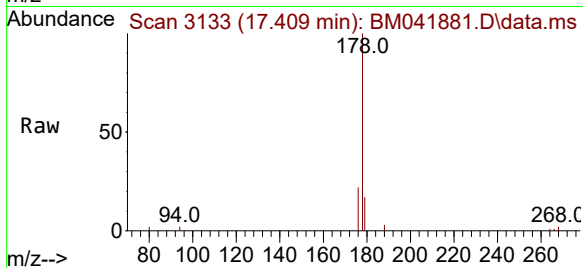
Tgt Ion:178 Resp: 8191

Ion Ratio Lower Upper

178 100

179 17.4 12.6 18.8

176 21.5 16.1 24.1



#16

Anthracene

Concen: 0.103 ng/ul

RT: 17.502 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BM041881.D

Acq: 15 Sep 2023 11:58

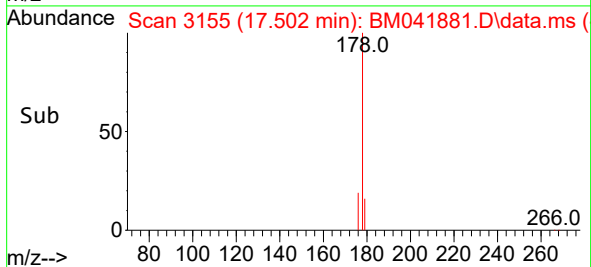
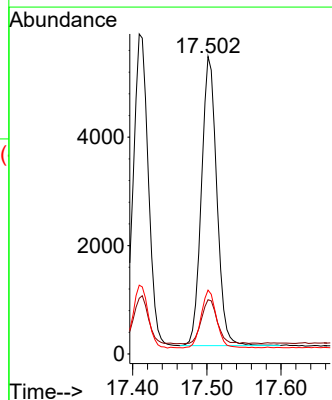
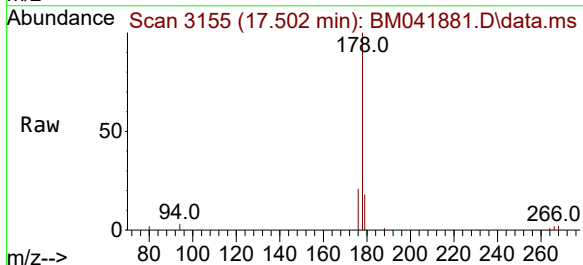
Tgt Ion:178 Resp: 7661

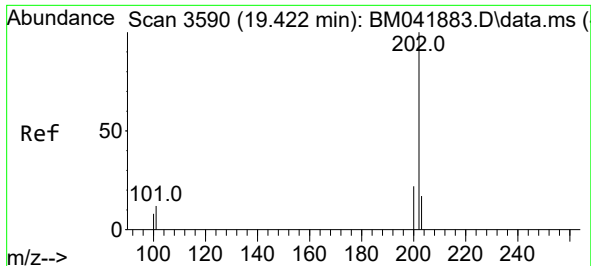
Ion Ratio Lower Upper

178 100

179 18.2 12.9 19.3

176 21.5 16.3 24.5

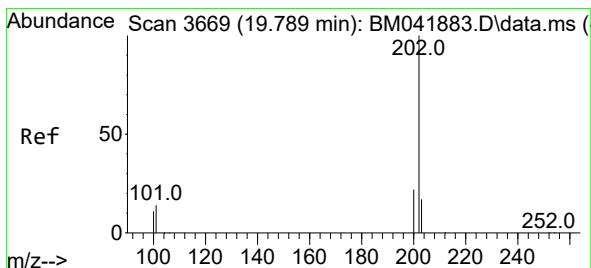
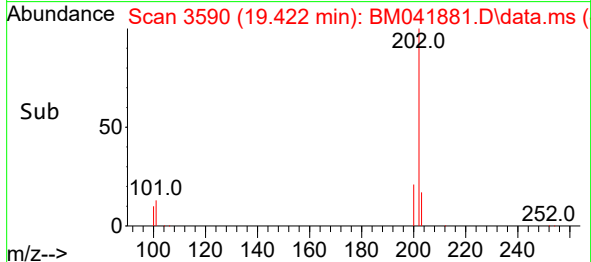
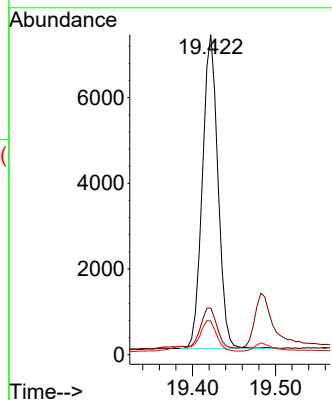
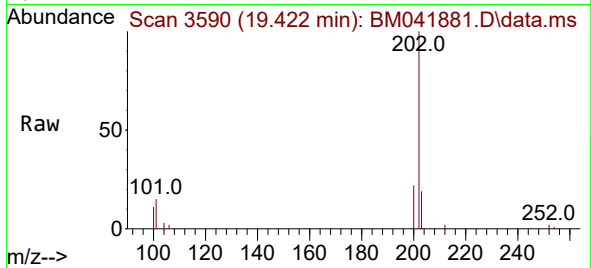




#19
Fluoranthene
Concen: 0.101 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

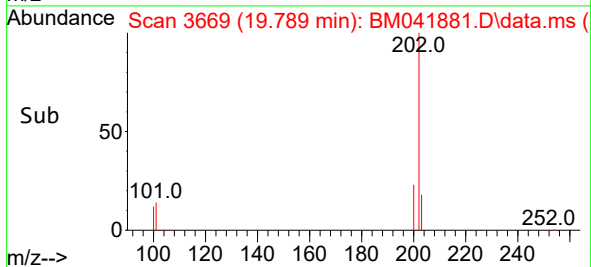
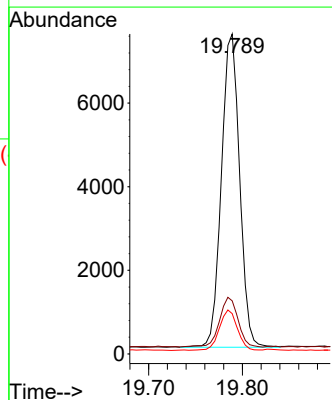
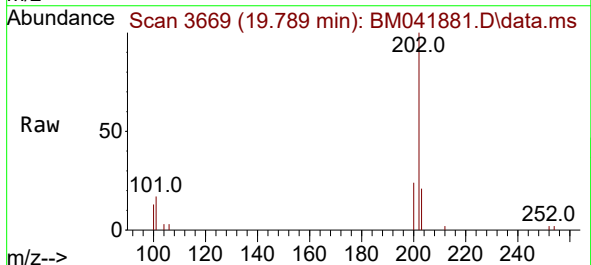
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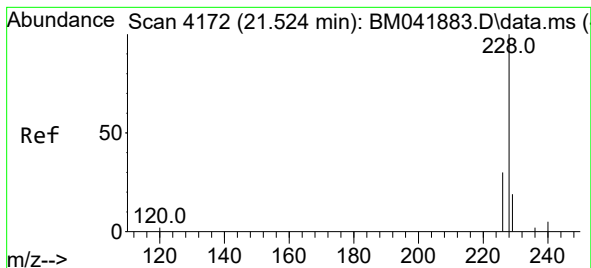
Tgt Ion:202 Resp: 9583
Ion Ratio Lower Upper
202 100
101 14.6 10.1 15.1
100 10.5 7.5 11.3



#20
Pyrene
Concen: 0.102 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

Tgt Ion:202 Resp: 10105
Ion Ratio Lower Upper
202 100
101 16.6 11.8 17.6
100 12.6 9.3 13.9





#21

Benzo(a)anthracene

Concen: 0.100 ng/ul

RT: 21.524 min Scan# 4172

Delta R.T. 0.000 min

Lab File: BM041881.D

Acq: 15 Sep 2023 11:58

Instrument :

BNA_M

ClientSampleId :

SSTD0.1029

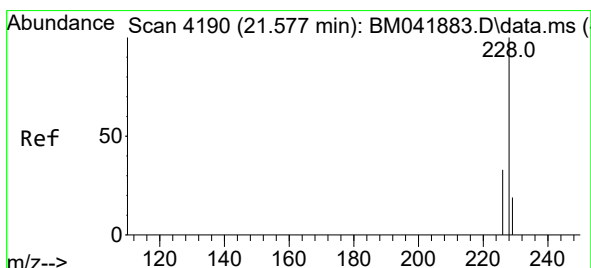
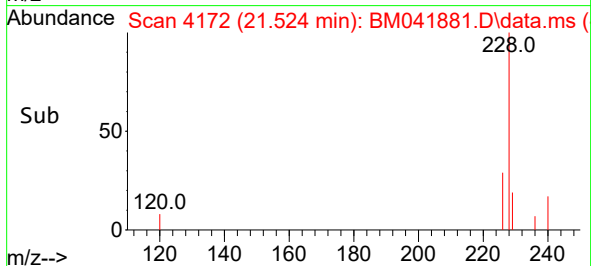
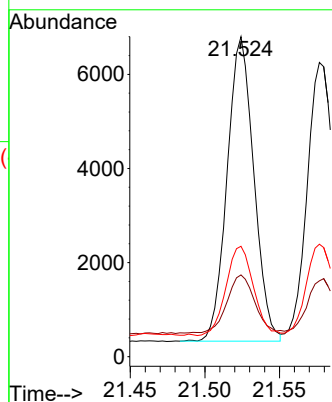
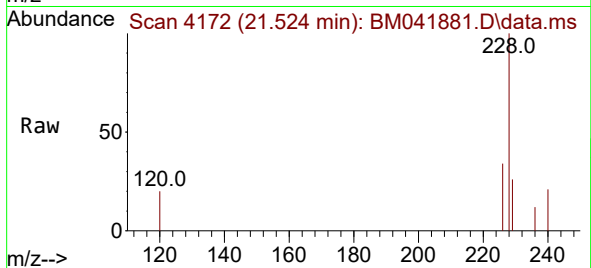
Tgt Ion:228 Resp: 8046

Ion Ratio Lower Upper

228 100

229 25.5 16.6 24.8#

226 34.5 24.6 37.0



#22

Chrysene

Concen: 0.093 ng/ul

RT: 21.577 min Scan# 4190

Delta R.T. 0.000 min

Lab File: BM041881.D

Acq: 15 Sep 2023 11:58

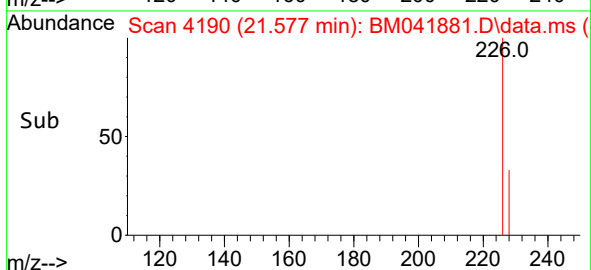
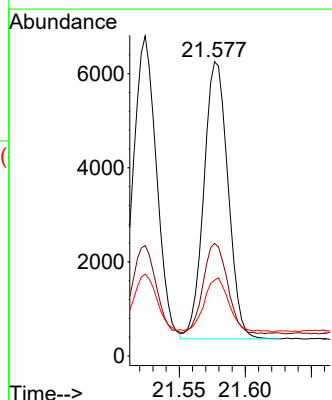
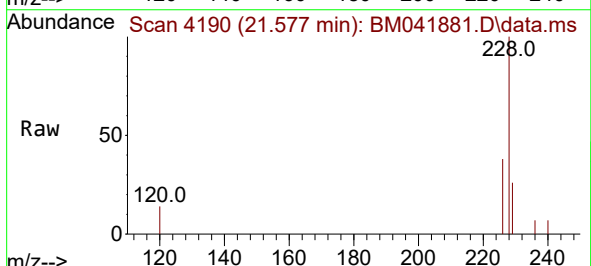
Tgt Ion:228 Resp: 7522

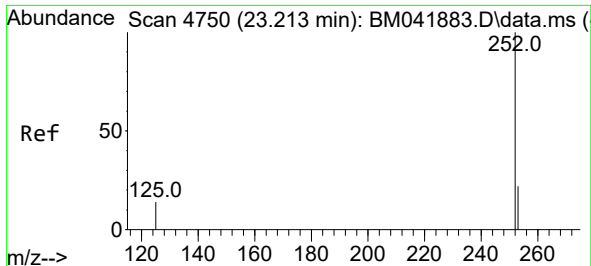
Ion Ratio Lower Upper

228 100

226 38.2 27.3 40.9

229 25.8 16.6 25.0#

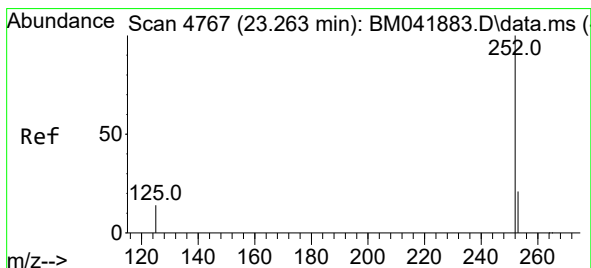
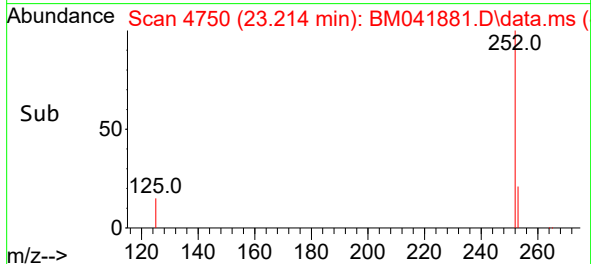
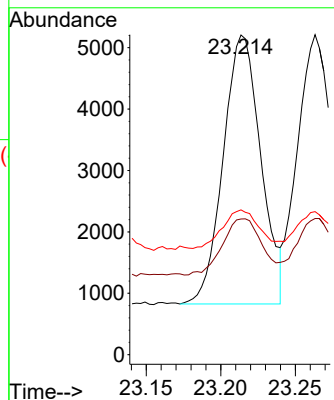
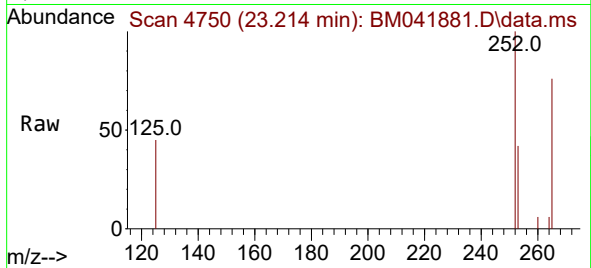




#24
Benzo(b)fluoranthene
Concen: 0.085 ng/ul
RT: 23.214 min Scan# 4750
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

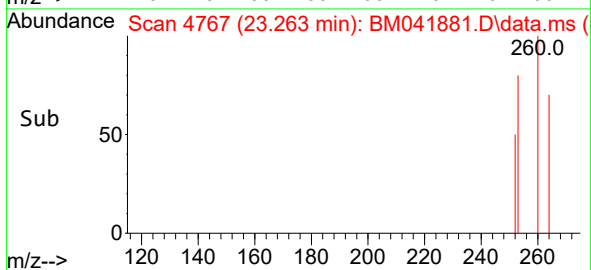
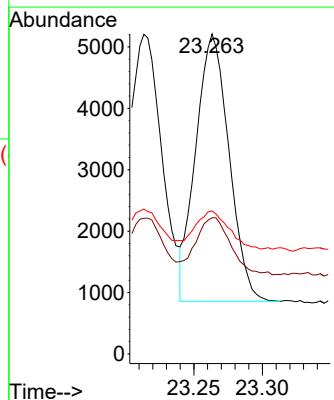
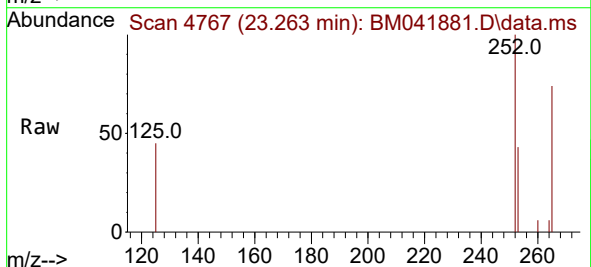
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

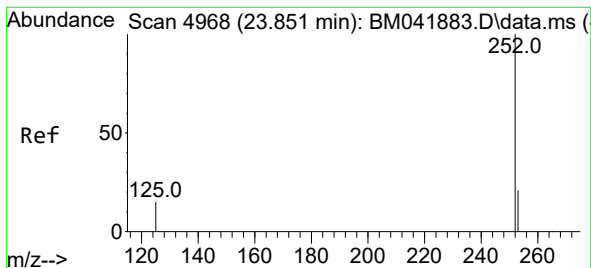
Tgt Ion:252 Resp: 7704
Ion Ratio Lower Upper
252 100
253 42.4 0.0 54.6
125 45.3 0.0 43.0#



#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

Tgt Ion:252 Resp: 7340
Ion Ratio Lower Upper
252 100
253 42.6 21.8 32.8#
125 44.7 17.4 26.2#





#26

Benzo(a)pyrene

Concen: 0.092 ng/ul

RT: 23.854 min Scan# 4968

Delta R.T. 0.003 min

Lab File: BM041881.D

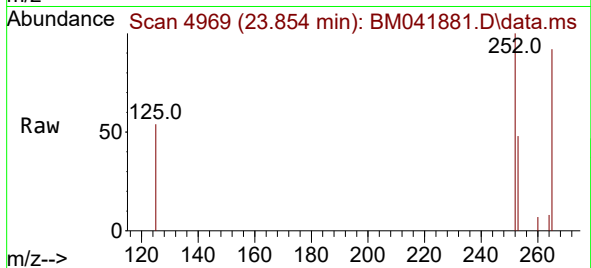
Acq: 15 Sep 2023 11:58

Instrument :

BNA_M

ClientSampleId :

SSTD0.1029



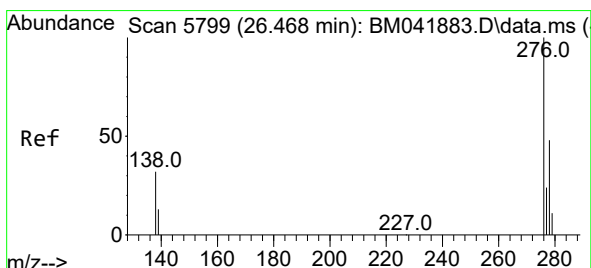
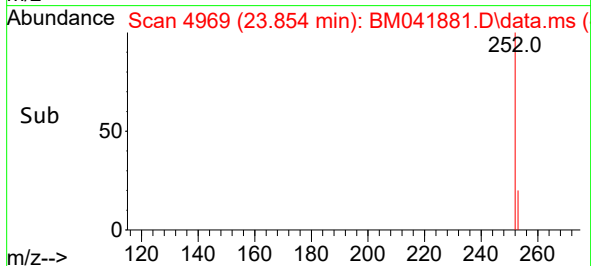
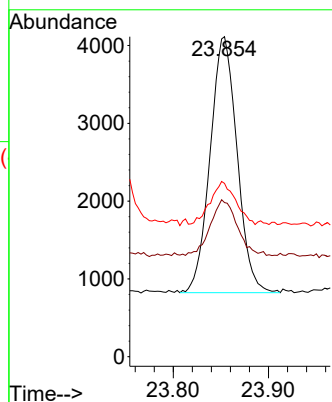
Tgt Ion:252 Resp: 6473

Ion Ratio Lower Upper

252 100

253 48.2 23.0 34.4#

125 54.2 19.9 29.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.081 ng/ul

RT: 26.471 min Scan# 5800

Delta R.T. 0.003 min

Lab File: BM041881.D

Acq: 15 Sep 2023 11:58

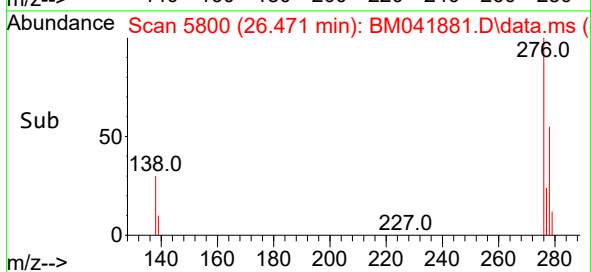
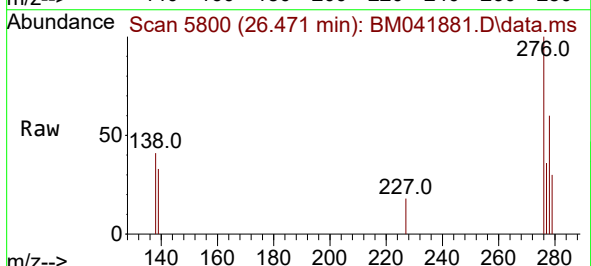
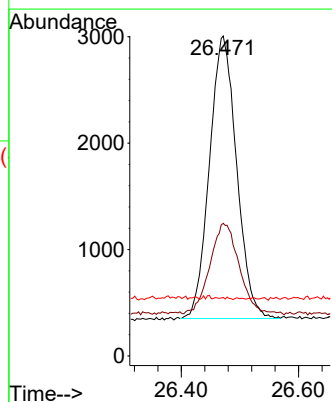
Tgt Ion:276 Resp: 8526

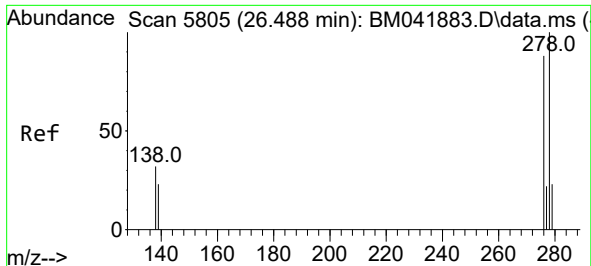
Ion Ratio Lower Upper

276 100

138 35.5 26.7 40.1

227 0.2 0.0 0.0#

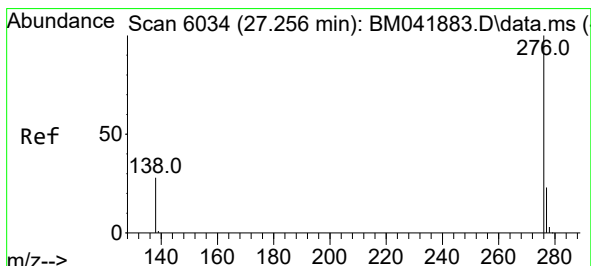
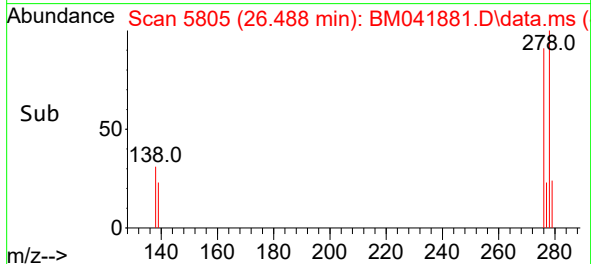
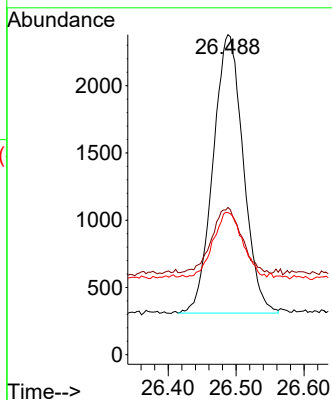
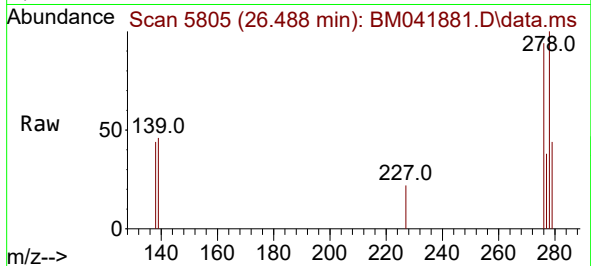




#28
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.488 min Scan# 5805
Delta R.T. 0.000 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:278 Resp: 6369
Ion Ratio Lower Upper
278 100
139 46.0 22.6 33.8#
279 44.4 22.2 33.4#



#29
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul
RT: 27.253 min Scan# 6033
Delta R.T. -0.003 min
Lab File: BM041881.D
Acq: 15 Sep 2023 11:58

Tgt Ion:276 Resp: 7035
Ion Ratio Lower Upper
276 100
138 41.0 24.9 37.3#
277 38.4 21.4 32.0#

