

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092424\
 Data File : BM047614.D
 Acq On : 24 Sep 2024 17:18
 Operator : RC/JU
 Sample : SST0.288
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

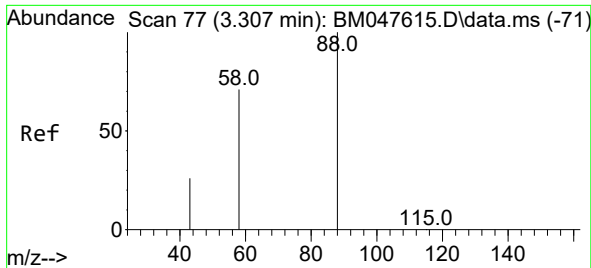
Instrument :
 BNA_M
 ClientSampleId :
 SST0.2009

Quant Time: Sep 25 02:50:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 02:35:09 2024
 Response via : Initial Calibration

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

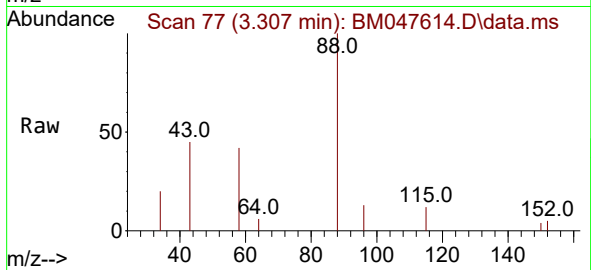
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	7874	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	22779	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	10727	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	20624	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	17843	0.400	ng/ul	0.00
23) Perylene-d12	23.644	264	19202	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	2047	0.258	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	6025	0.177	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	9650	0.187	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	2700	0.304	ng/ul	86
5) Naphthalene	10.672	128	12066	0.203	ng/ul	98
7) 2-Methylnaphthalene	12.289	142	7144	0.184	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	7416	0.183	ng/ul	100
10) Acenaphthylene	14.183	152	10271	0.206	ng/ul	98
11) Acenaphthene	14.525	153	7162	0.211	ng/ul	99
12) Fluorene	15.511	166	7737	0.196	ng/ul	97
14) Pentachlorophenol	16.854	266	1278	0.194	ng/ul	99
15) Phenanthrene	17.238	178	12142	0.204	ng/ul	98
16) Anthracene	17.331	178	10626	0.200	ng/ul	97
19) Fluoranthene	19.248	202	13669	0.189	ng/ul	99
20) Pyrene	19.611	202	14298	0.189	ng/ul	99
21) Benzo(a)anthracene	21.347	228	13791	0.210	ng/ul	98
22) Chrysene	21.397	228	15323	0.220	ng/ul	99
24) Benzo(b)fluoranthene	22.952	252	18766	0.246	ng/ul	91
25) Benzo(k)fluoranthene	22.998	252	17614	0.221	ng/ul#	89
26) Benzo(a)pyrene	23.545	252	12411	0.206	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.970	276	20813	0.227	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.983	278	15745	0.221	ng/ul	94
29) Benzo(g,h,i)perylene	26.678	276	16909	0.223	ng/ul	96

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

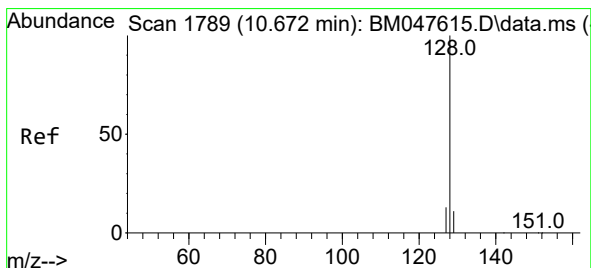
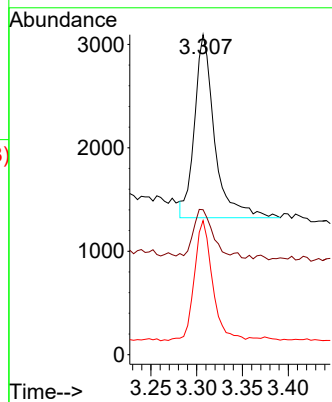
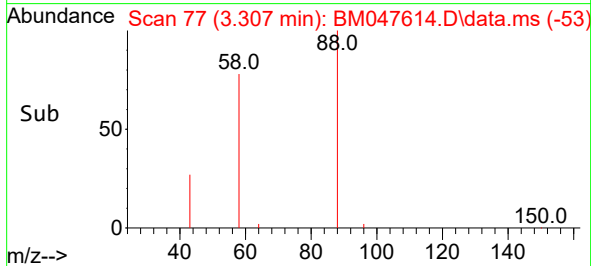


#2
1,4-Dioxane
Concen: 0.304 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM047614.D
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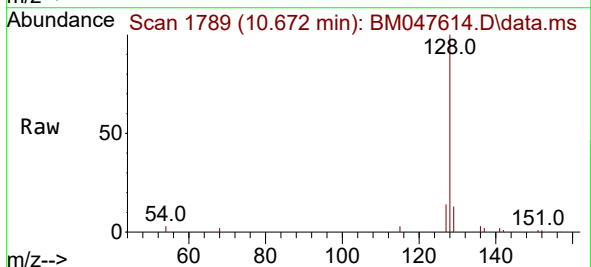
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009



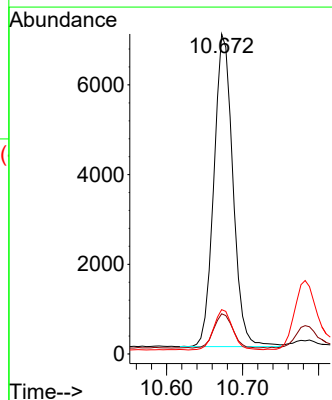
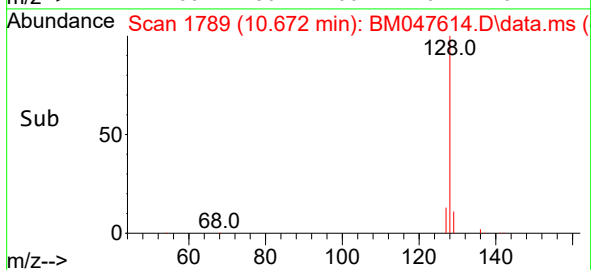
Tgt Ion: 88 Resp: 2700
Ion Ratio Lower Upper
88 100
43 45.3 30.4 45.6
58 41.9 41.7 62.5

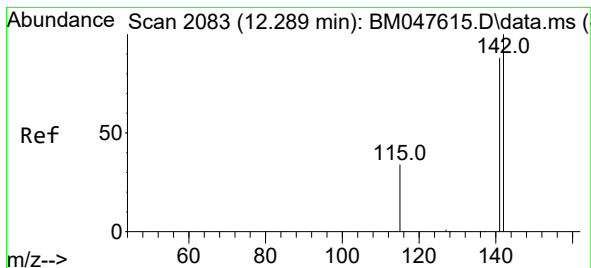


#5
Naphthalene
Concen: 0.203 ng/ul
RT: 10.672 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18



Tgt Ion: 128 Resp: 12066
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 13.8 10.6 16.0

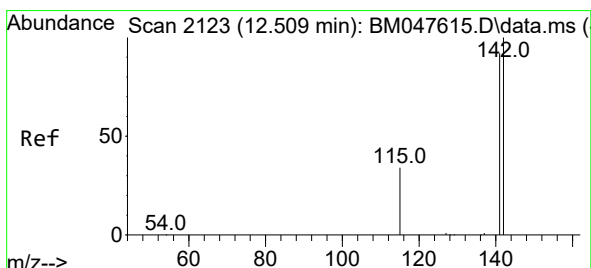
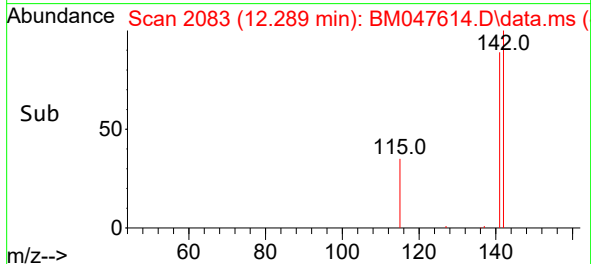
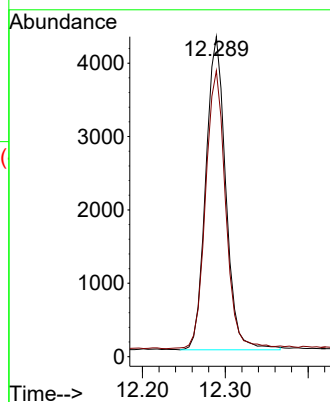
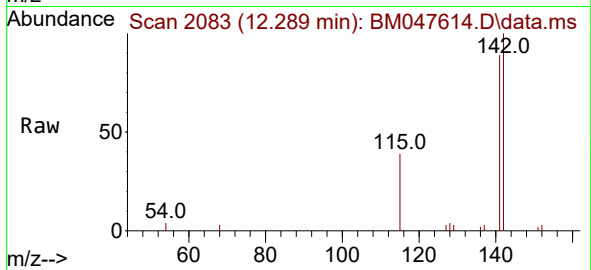




#7
2-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.289 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

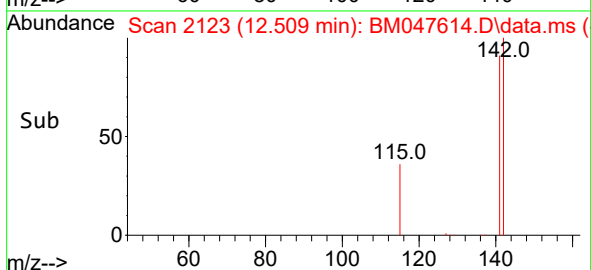
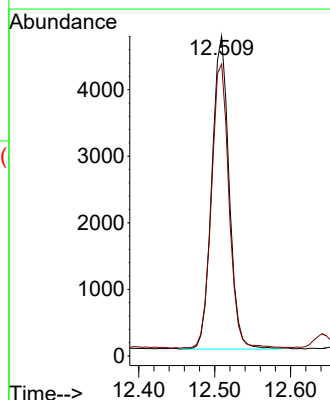
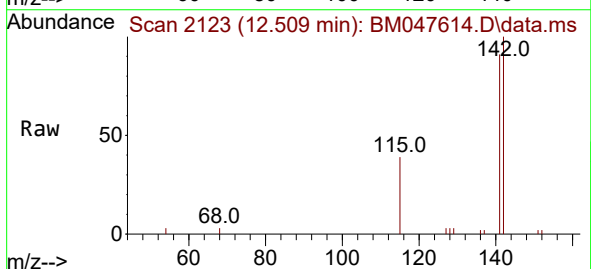
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

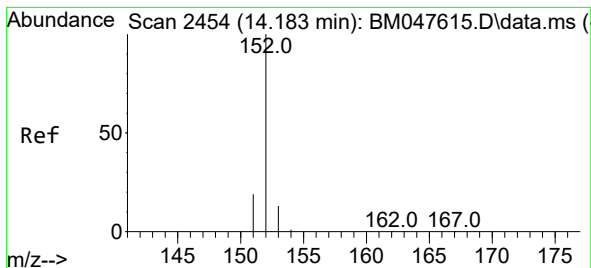
Tgt Ion:142 Resp: 7144
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.509 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

Tgt Ion:142 Resp: 7416
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9





#10

Acenaphthylene

Concen: 0.206 ng/ul

RT: 14.183 min Scan# 2454

Delta R.T. -0.000 min

Lab File: BM047614.D

Acq: 24 Sep 2024 17:18

Instrument :

BNA_M

ClientSampleId :

SSTD0.2009

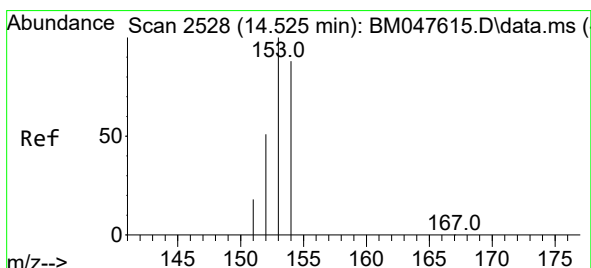
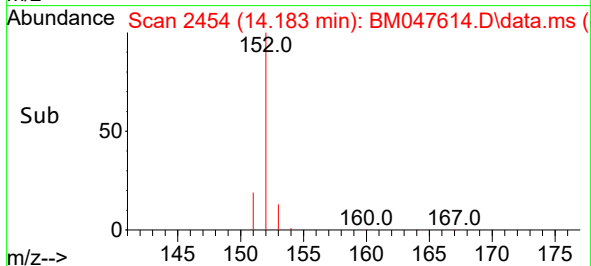
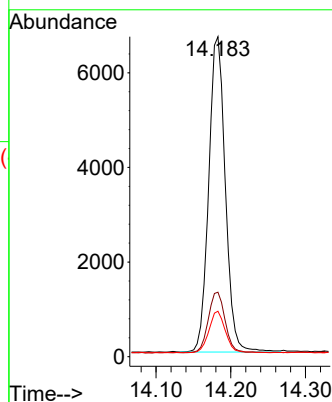
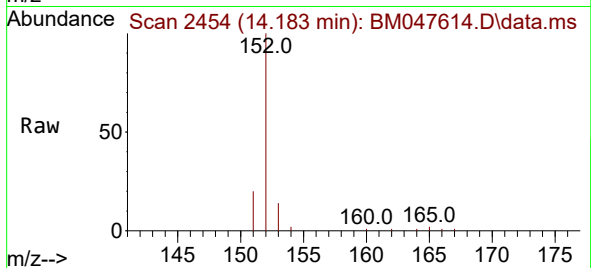
Tgt Ion:152 Resp: 10271

Ion Ratio Lower Upper

152 100

151 20.2 15.6 23.4

153 14.2 10.7 16.1



#11

Acenaphthene

Concen: 0.211 ng/ul

RT: 14.525 min Scan# 2528

Delta R.T. -0.000 min

Lab File: BM047614.D

Acq: 24 Sep 2024 17:18

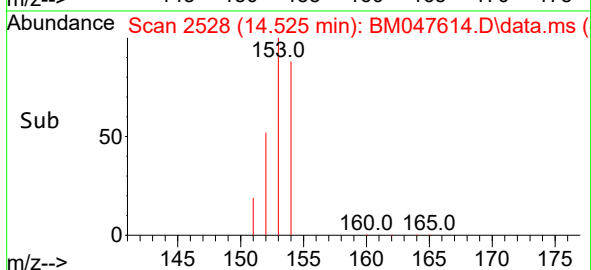
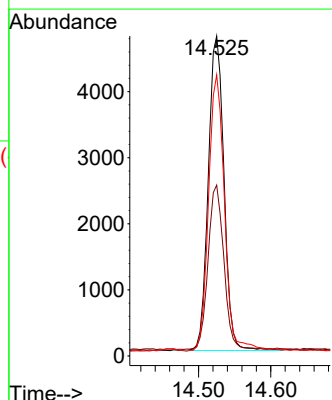
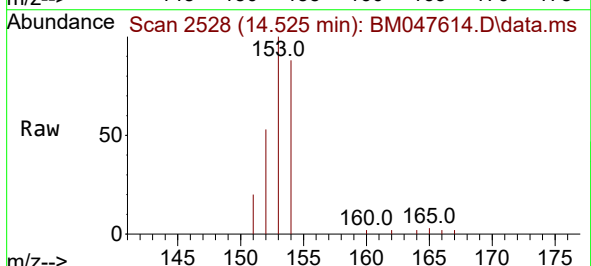
Tgt Ion:153 Resp: 7162

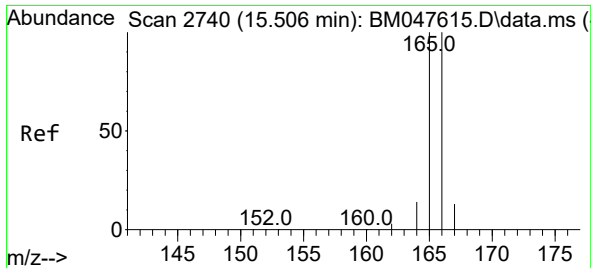
Ion Ratio Lower Upper

153 100

152 53.4 41.4 62.2

154 87.8 70.3 105.5

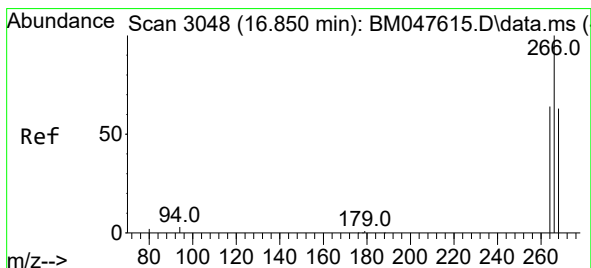
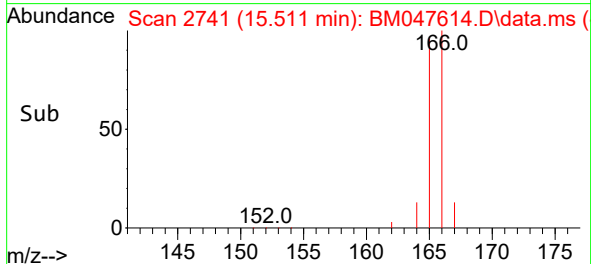
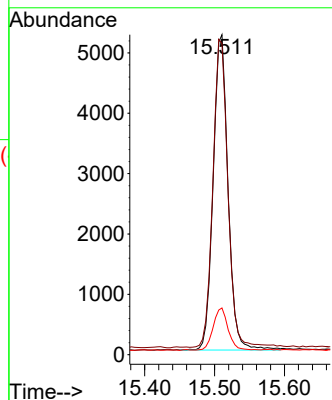
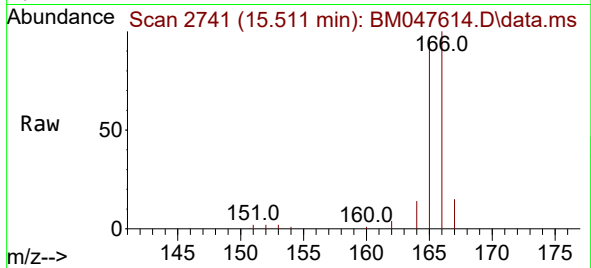




#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.511 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

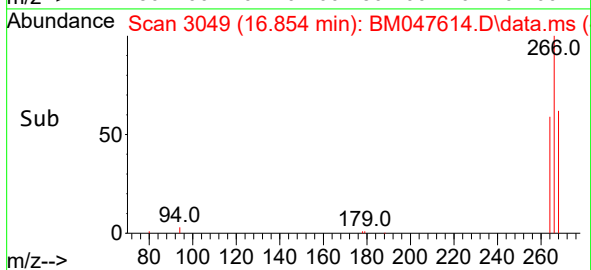
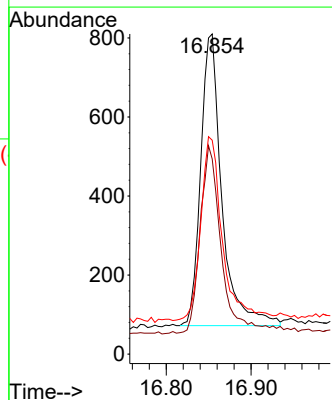
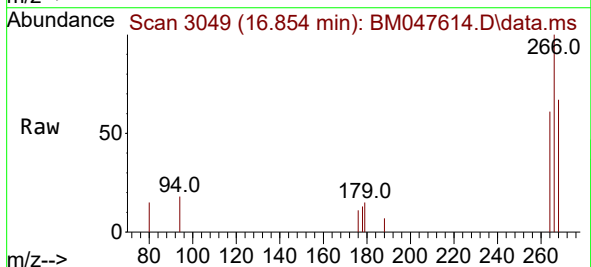
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

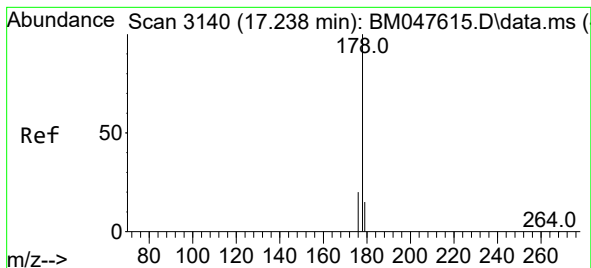
Tgt Ion:166 Resp: 7737
Ion Ratio Lower Upper
166 100
165 97.2 80.2 120.4
167 14.6 11.0 16.4



#14
Pentachlorophenol
Concen: 0.194 ng/ul
RT: 16.854 min Scan# 3049
Delta R.T. 0.004 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

Tgt Ion:266 Resp: 1278
Ion Ratio Lower Upper
266 100
264 64.0 50.3 75.5
268 64.9 52.2 78.4





#15

Phenanthrene

Concen: 0.204 ng/ul

RT: 17.238 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BM047614.D

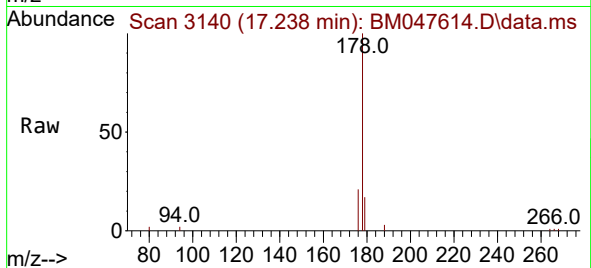
Acq: 24 Sep 2024 17:18

Instrument :

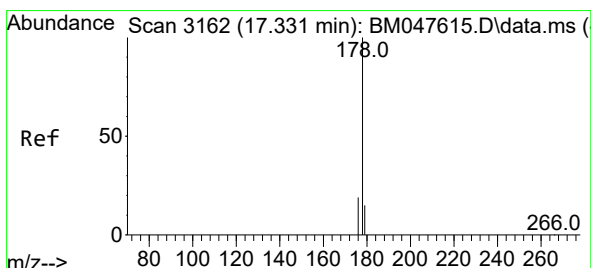
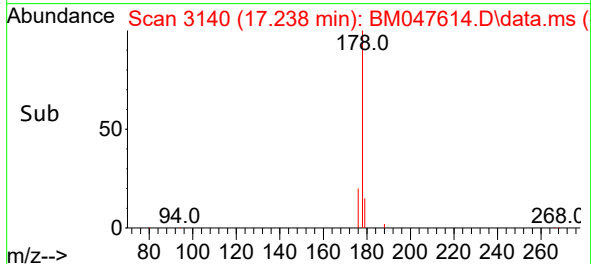
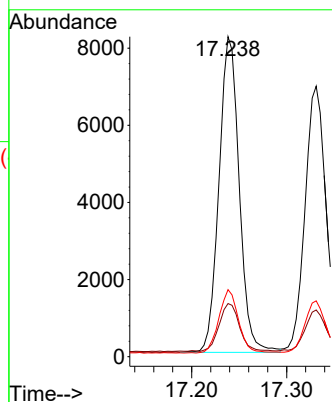
BNA_M

ClientSampleId :

SSTD0.2009



Tgt Ion:	178	Resp:	12142
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.7	19.1
176	21.0	16.1	24.1



#16

Anthracene

Concen: 0.200 ng/ul

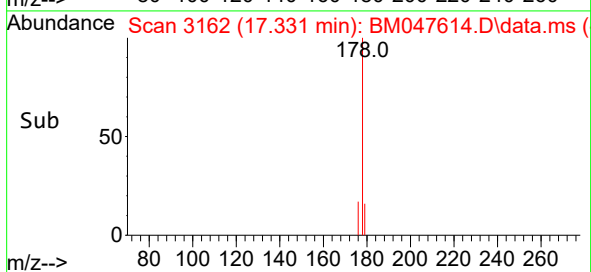
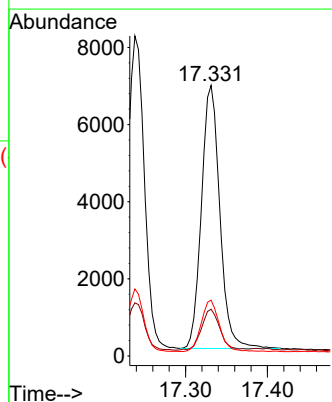
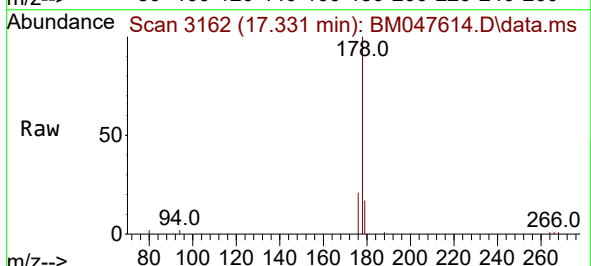
RT: 17.331 min Scan# 3162

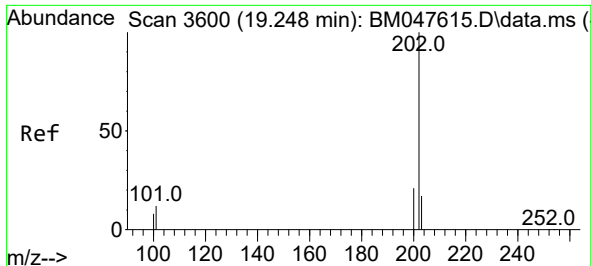
Delta R.T. -0.000 min

Lab File: BM047614.D

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Tgt Ion:	178	Resp:	10626
Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.9	19.3
176	20.7	15.4	23.2

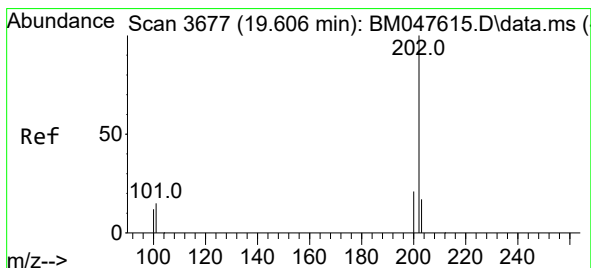
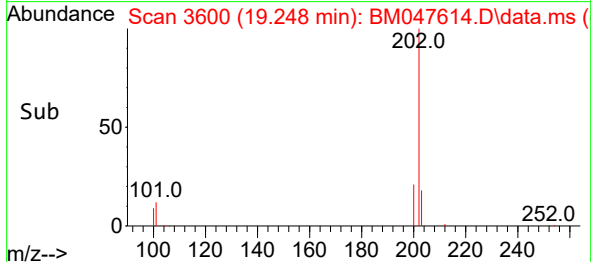
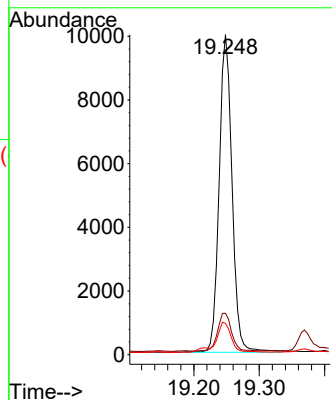
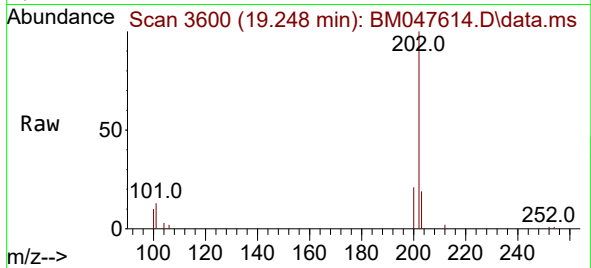




#19
Fluoranthene
Concen: 0.189 ng/ul
RT: 19.248 min Scan# 3600
Delta R.T. -0.000 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

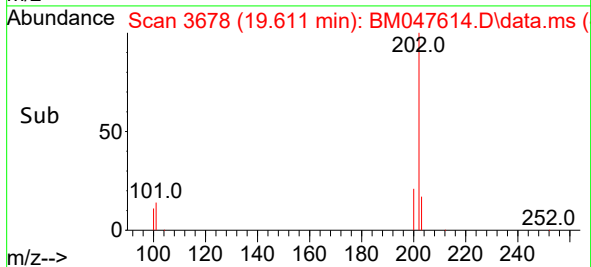
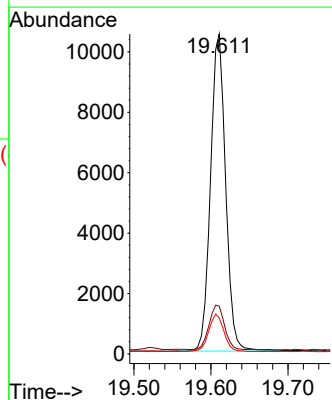
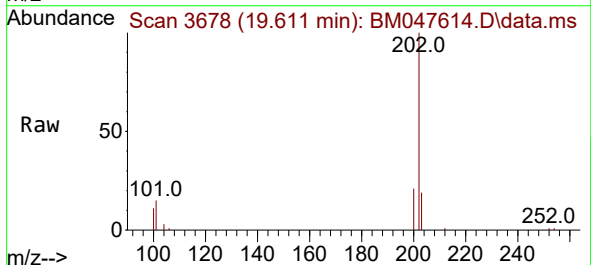
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

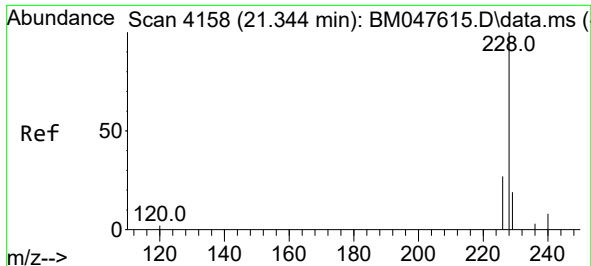
Tgt Ion:202 Resp: 13669
Ion Ratio Lower Upper
202 100
101 13.0 9.8 14.8
100 9.8 7.5 11.3



#20
Pyrene
Concen: 0.189 ng/ul
RT: 19.611 min Scan# 3678
Delta R.T. 0.005 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

Tgt Ion:202 Resp: 14298
Ion Ratio Lower Upper
202 100
101 14.9 12.1 18.1
100 11.3 9.7 14.5

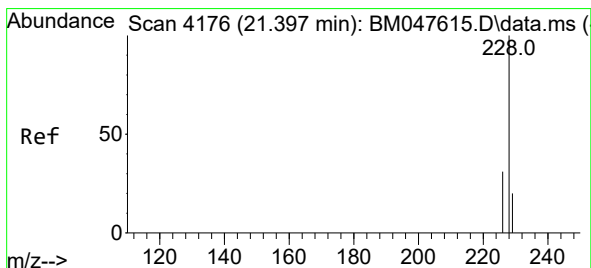
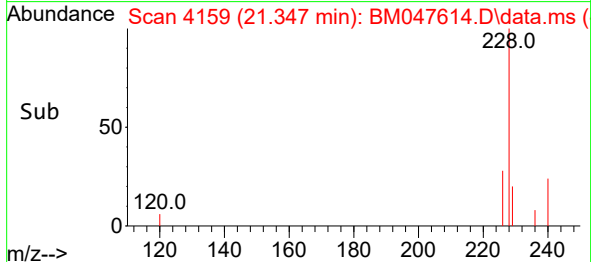
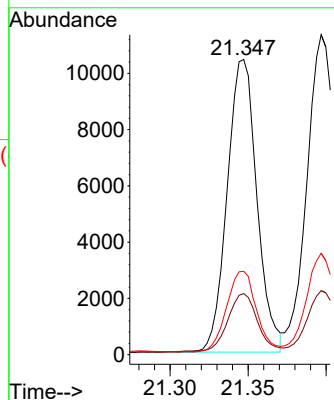
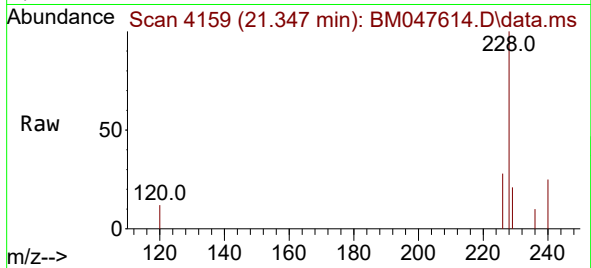




#21
Benzo(a)anthracene
Concen: 0.210 ng/ul
RT: 21.347 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

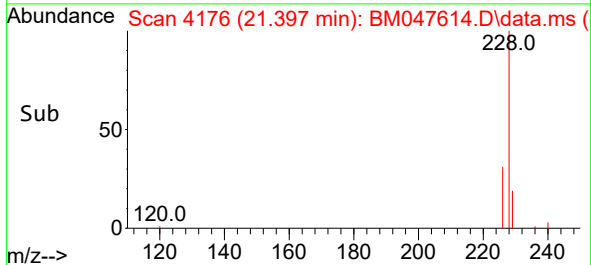
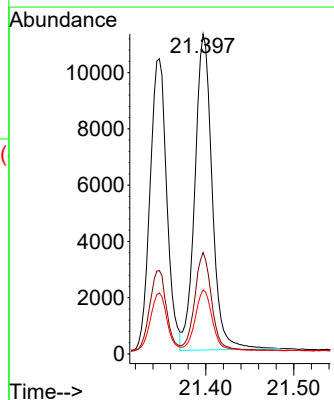
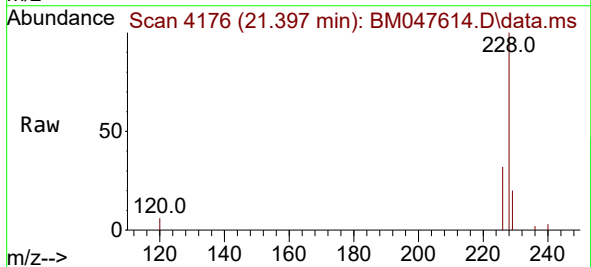
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

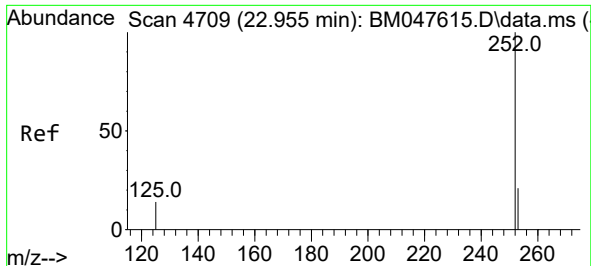
Tgt Ion:228 Resp: 13791
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 28.3 22.2 33.4



#22
Chrysene
Concen: 0.220 ng/ul
RT: 21.397 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

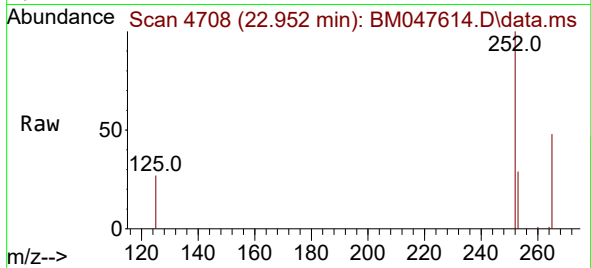
Tgt Ion:228 Resp: 15323
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 20.0 16.2 24.4



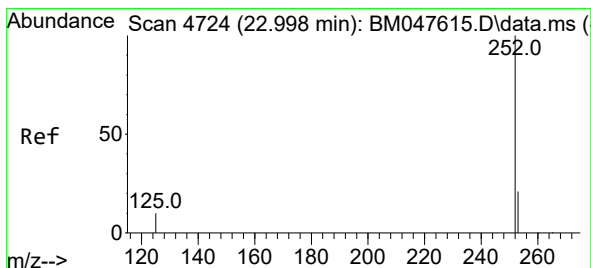
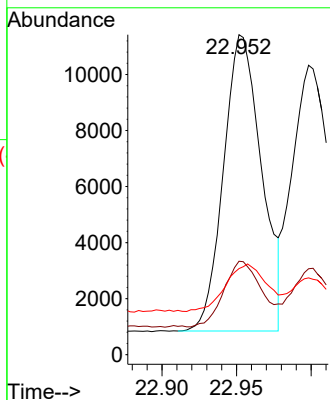


#24
Benzo(b)fluoranthene
Concen: 0.246 ng/ul
RT: 22.952 min Scan# 4708
Delta R.T. -0.003 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

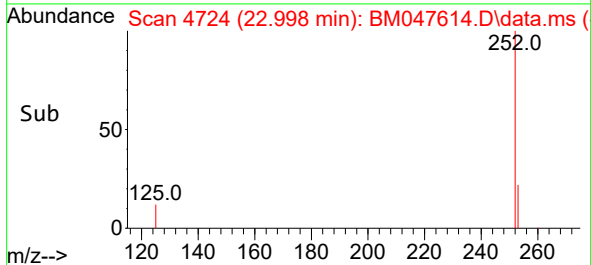
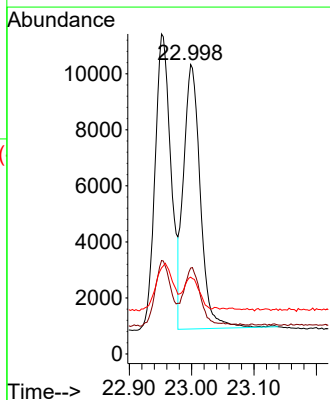
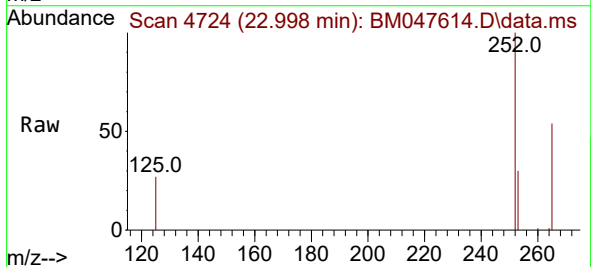


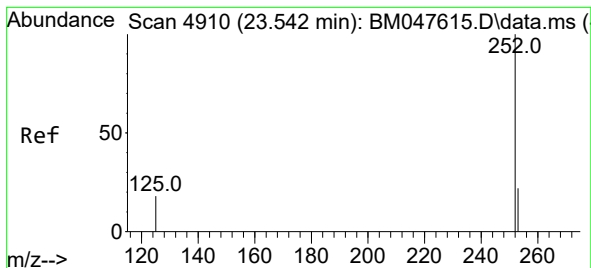
Tgt Ion:252 Resp: 18766
Ion Ratio Lower Upper
252 100
253 29.2 0.0 51.6
125 26.9 0.0 42.4



#25
Benzo(k)fluoranthene
Concen: 0.221 ng/ul
RT: 22.998 min Scan# 4724
Delta R.T. -0.000 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

Tgt Ion:252 Resp: 17614
Ion Ratio Lower Upper
252 100
253 29.7 20.6 31.0
125 26.6 15.9 23.9#





#26

Benzo(a)pyrene

Concen: 0.206 ng/ul

RT: 23.545 min Scan# 4911

Delta R.T. 0.003 min

Lab File: BM047614.D

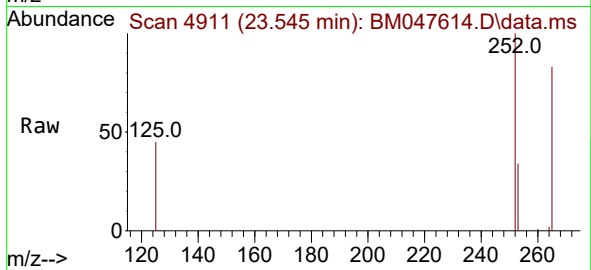
Acq: 24 Sep 2024 17:18

Instrument :

BNA_M

ClientSampleId :

SSTD0.2009



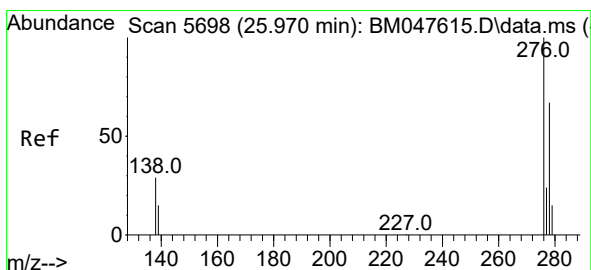
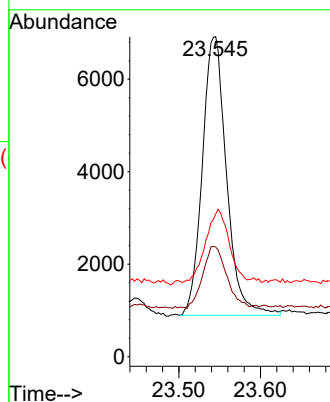
Tgt Ion:252 Resp: 12411

Ion Ratio Lower Upper

252 100

253 34.2 22.6 33.8#

125 44.6 23.0 34.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.227 ng/ul

RT: 25.970 min Scan# 5698

Delta R.T. -0.000 min

Lab File: BM047614.D

Acq: 24 Sep 2024 17:18

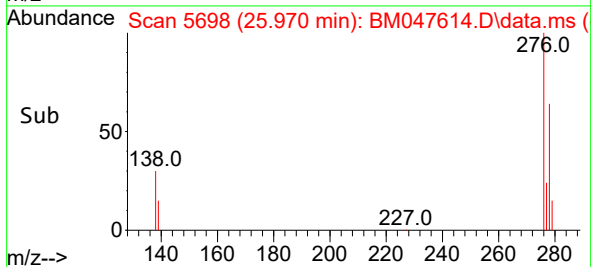
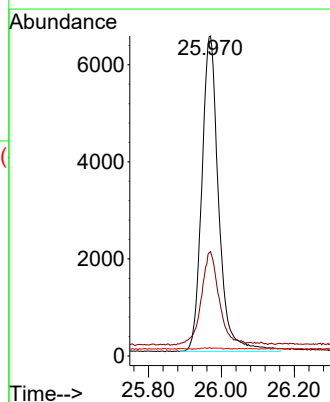
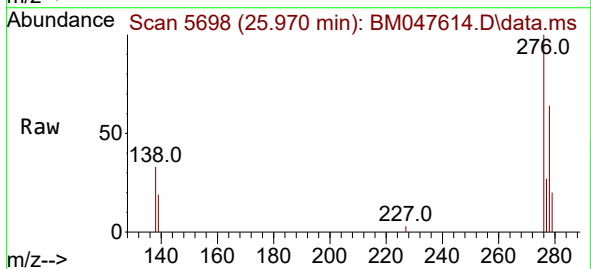
Tgt Ion:276 Resp: 20813

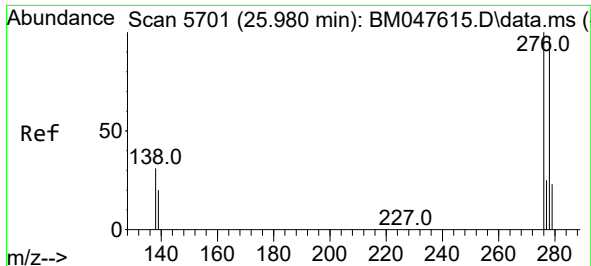
Ion Ratio Lower Upper

276 100

138 32.0 24.6 37.0

227 0.1 0.2 0.4#

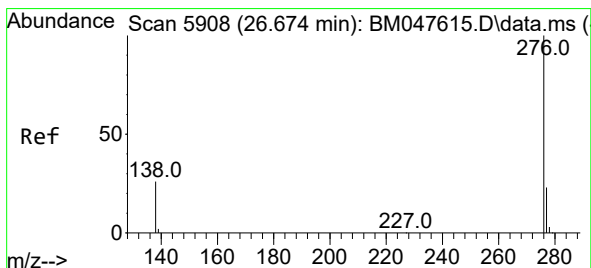
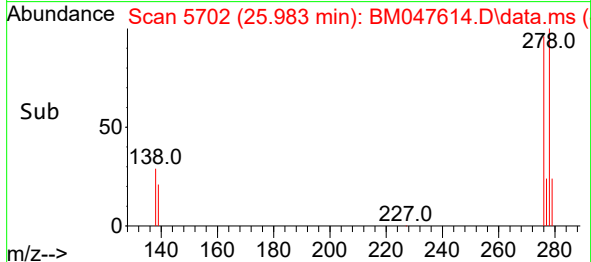
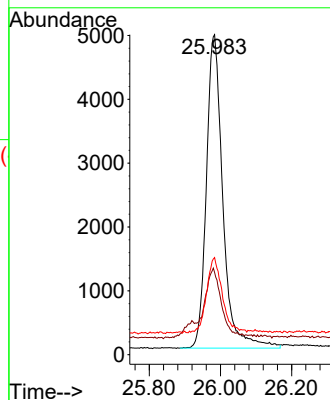
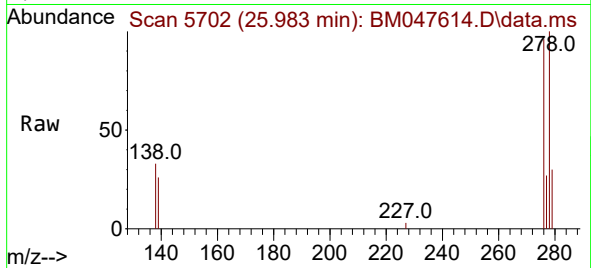




#28
Dibenzo(a,h)anthracene
Concen: 0.221 ng/ul
RT: 25.983 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:278 Resp: 15745
Ion Ratio Lower Upper
278 100
139 25.7 18.6 28.0
279 30.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 26.678 min Scan# 5909
Delta R.T. 0.003 min
Lab File: BM047614.D
Acq: 24 Sep 2024 17:18

Tgt Ion:276 Resp: 16909
Ion Ratio Lower Upper
276 100
138 30.3 22.5 33.7
277 26.7 19.8 29.6

