

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035095.D
 Acq On : 16 May 2022 09:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4099

Quant Time: May 17 00:50:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

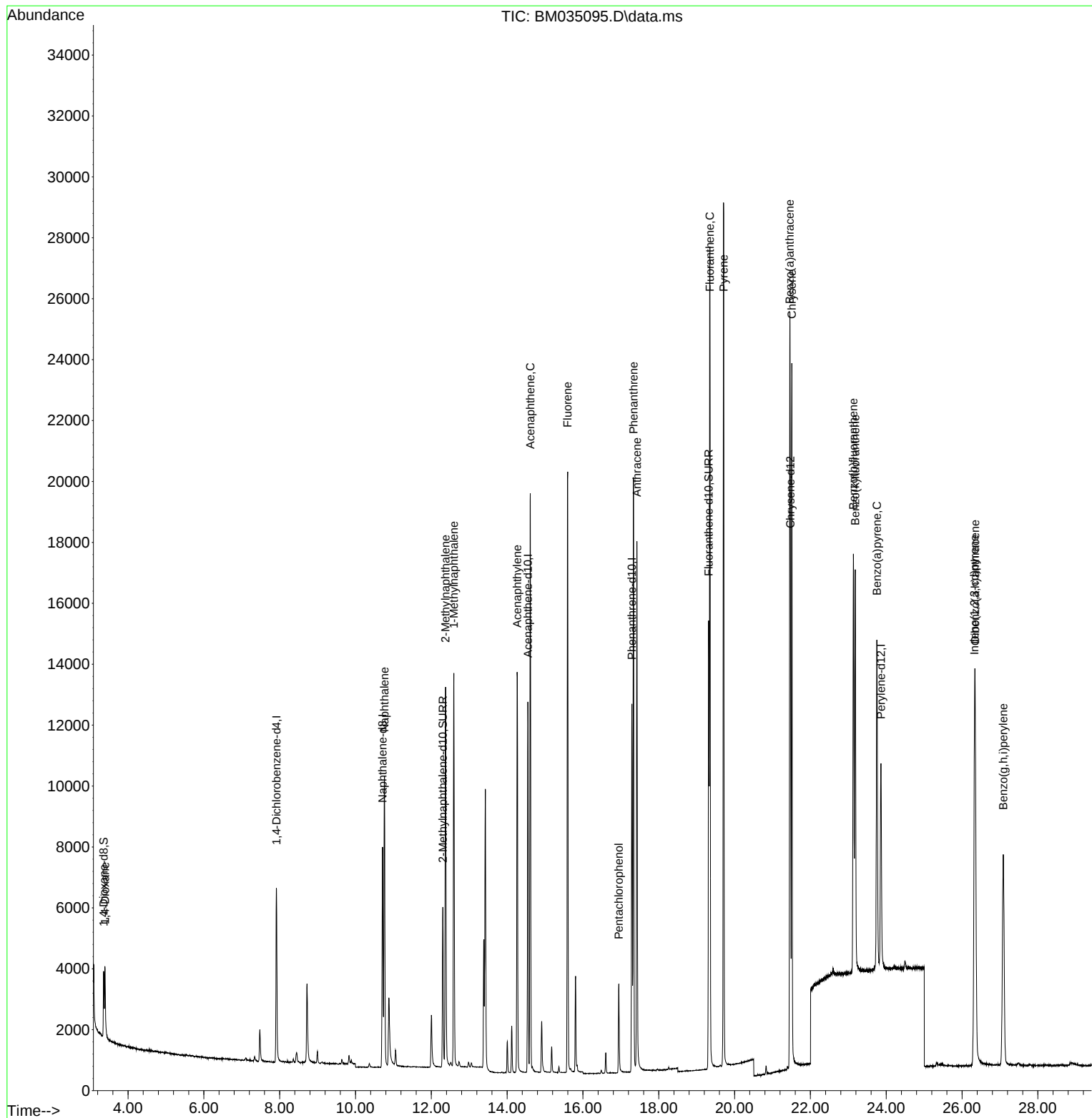
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3257	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	10262	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.547	164	6610	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	14268	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	11055	0.400	ng/ul	0.00
23) Perylene-d12	23.862	264	9416	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	1523	0.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	7174	0.438	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	15984	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	1476	0.377	ng/ul#	70
5) Naphthalene	10.765	128	13557	0.400	ng/ul#	87
7) 2-Methylnaphthalene	12.376	142	9197	0.413	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	8990	0.434	ng/ul	99
10) Acenaphthylene	14.265	152	15346	0.392	ng/ul#	90
11) Acenaphthene	14.612	153	11089	0.393	ng/ul	94
12) Fluorene	15.597	166	12875	0.390	ng/ul#	97
14) Pentachlorophenol	16.946	266	2033	0.377	ng/ul	98
15) Phenanthrene	17.334	178	21032	0.387	ng/ul	94
16) Anthracene	17.423	178	19342	0.391	ng/ul#	91
19) Fluoranthene	19.350	202	24010	0.387	ng/ul	96
20) Pyrene	19.712	202	24317	0.386	ng/ul	99
21) Benzo(a)anthracene	21.456	228	19351	0.378	ng/ul	98
22) Chrysene	21.509	228	19884	0.374	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	18275	0.370	ng/ul	91
25) Benzo(k)fluoranthene	23.183	252	17381	0.369	ng/ul#	90
26) Benzo(a)pyrene	23.753	252	16825	0.375	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.329	276	17594	0.396	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.346	278	14011	0.396	ng/ul#	91
29) Benzo(g,h,i)perylene	27.087	276	15277	0.400	ng/ul	93

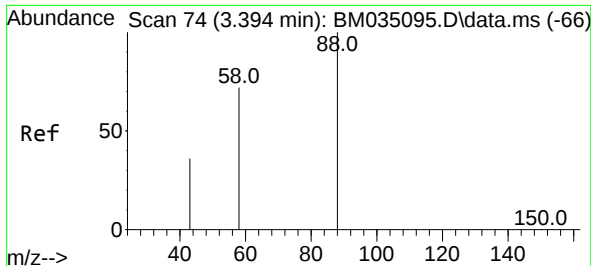
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035095.D
Acq On : 16 May 2022 09:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

Quant Time: May 17 00:50:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

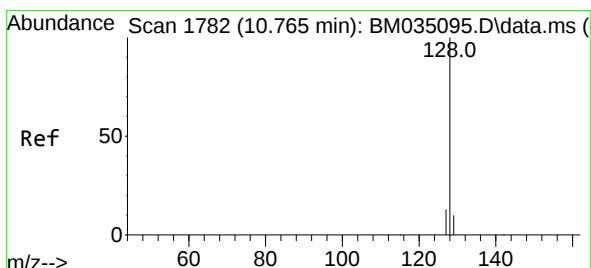
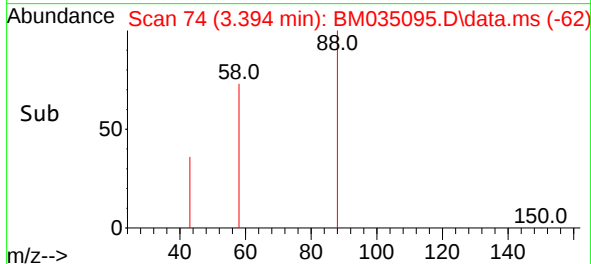
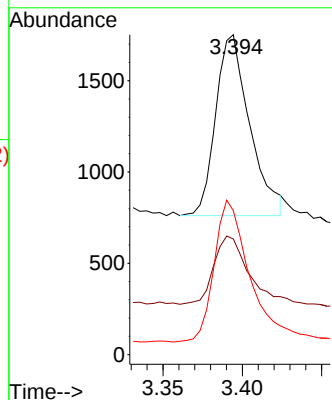
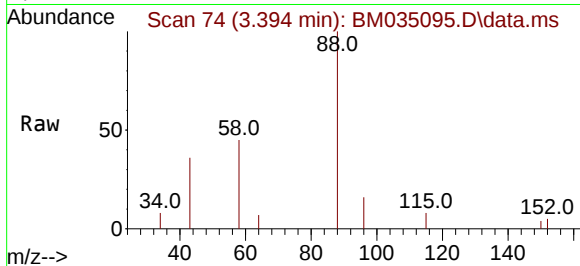




#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

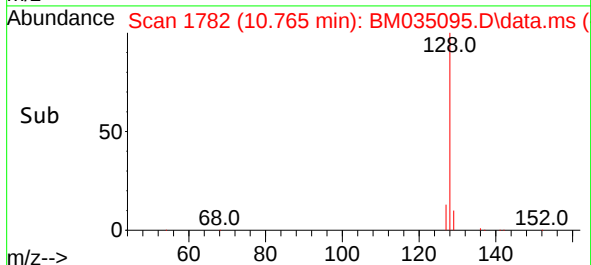
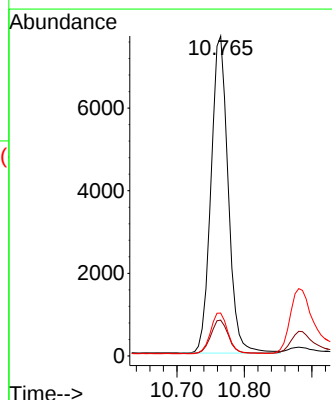
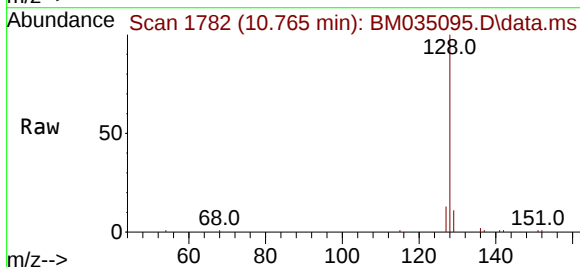
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

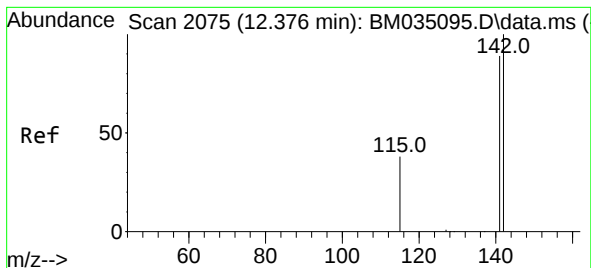
Tgt Ion: 88 Resp: 1476
Ion Ratio Lower Upper
88 100
43 36.1 49.7 74.5#
58 45.0 52.5 78.7#



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Tgt Ion: 128 Resp: 13557
Ion Ratio Lower Upper
128 100
129 11.2 13.4 20.2#
127 13.4 15.2 22.8#

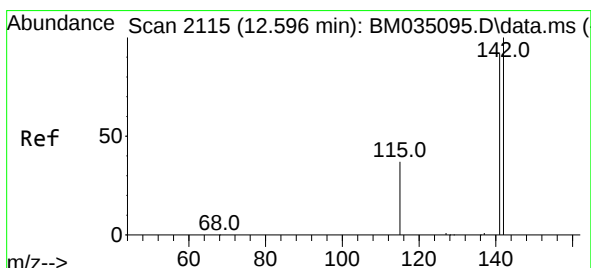
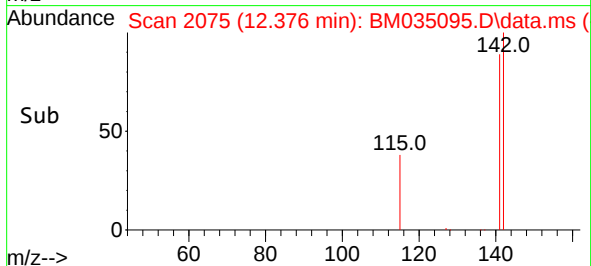
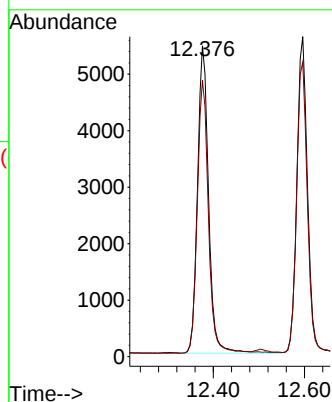
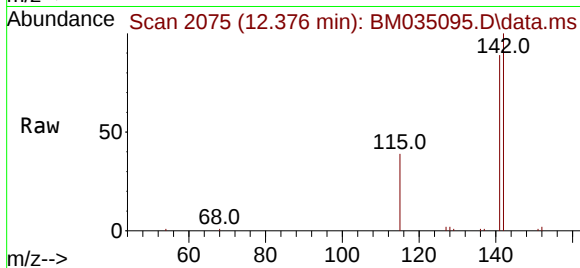




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

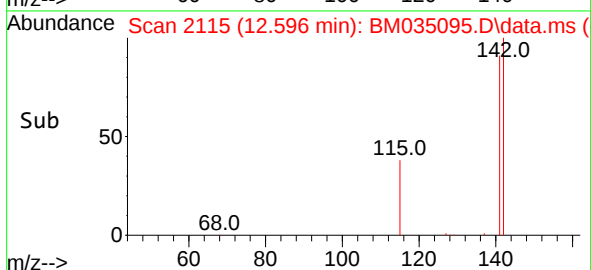
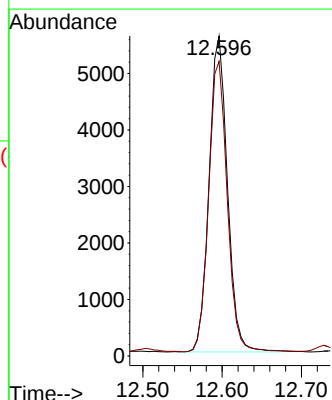
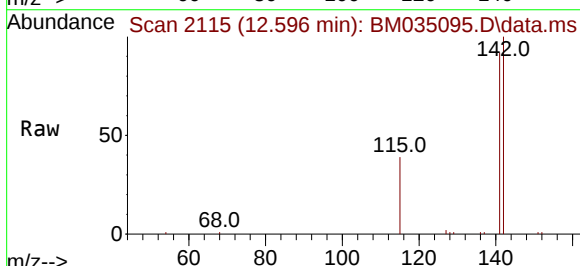
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

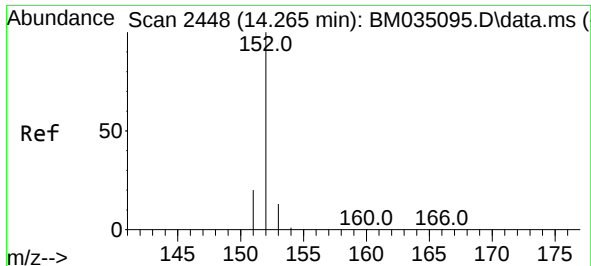
Tgt Ion:142 Resp: 9197
Ion Ratio Lower Upper
142 100
141 88.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Tgt Ion:142 Resp: 8990
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

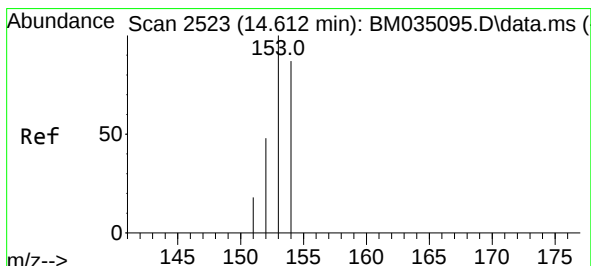
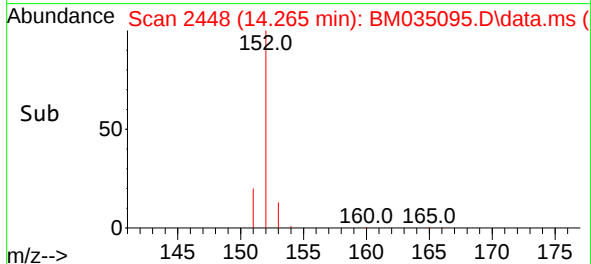
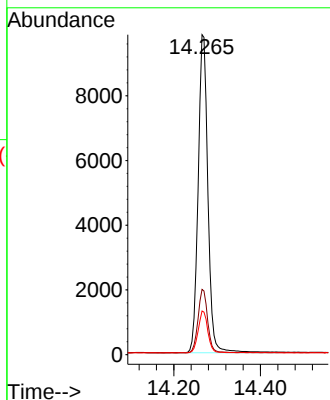
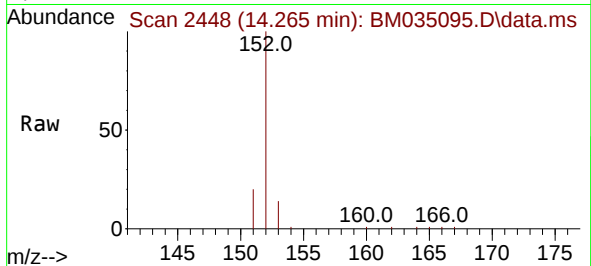




#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

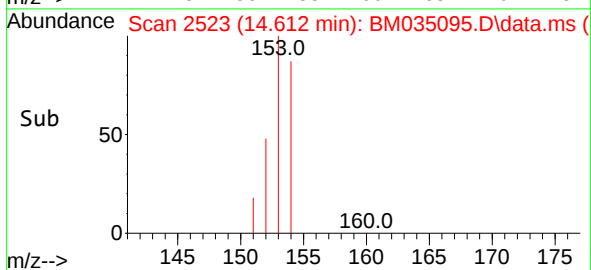
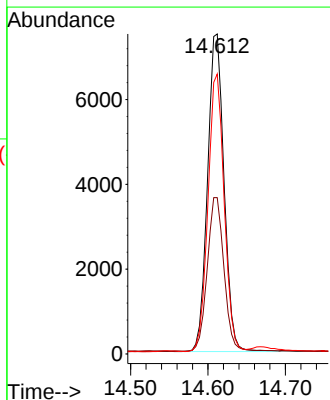
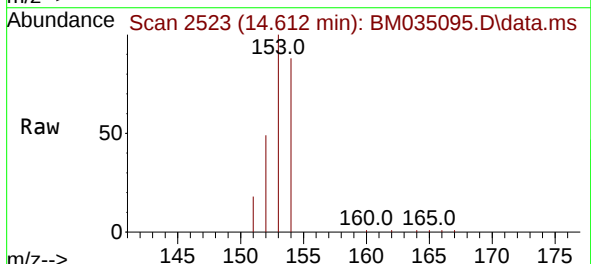
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

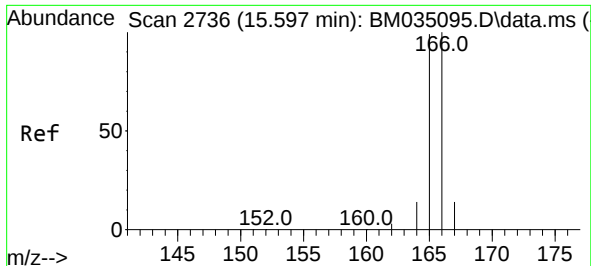
Tgt Ion:152 Resp: 15346
Ion Ratio Lower Upper
152 100
151 20.4 19.9 29.9
153 13.6 15.0 22.4#



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Tgt Ion:153 Resp: 11089
Ion Ratio Lower Upper
153 100
152 48.9 42.4 63.6
154 87.5 66.2 99.2

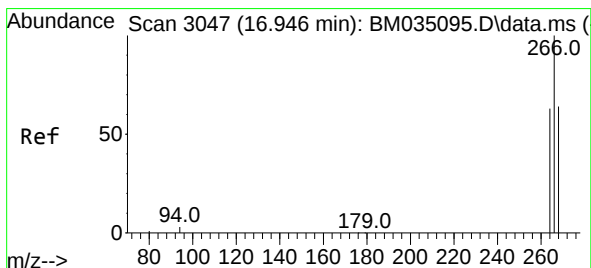
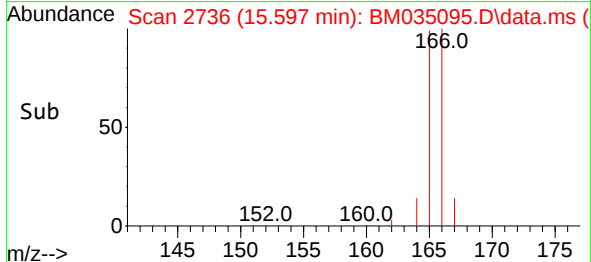
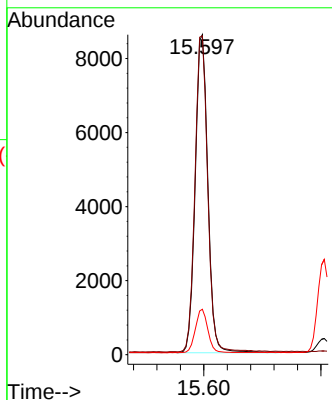
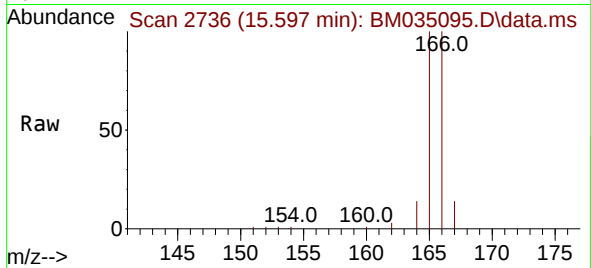




#12
 Fluorene
 Concen: 0.390 ng/ul
 RT: 15.597 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM035095.D
 Acq: 16 May 2022 09:37

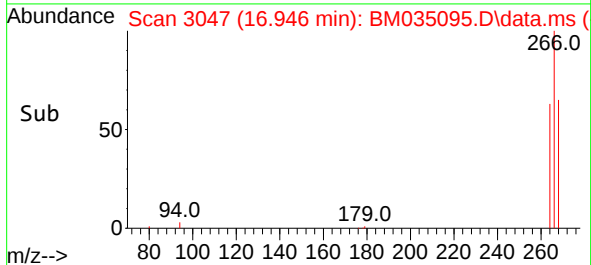
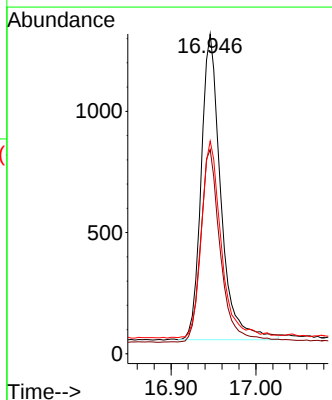
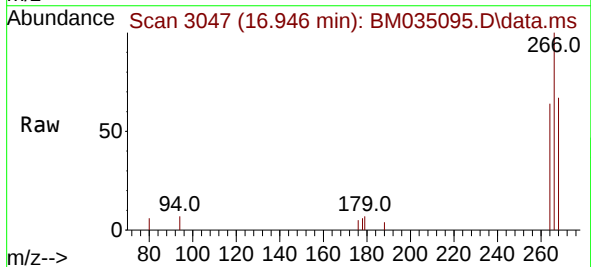
Instrument :
 BNA_M
 ClientSampleId :
 SST0.4099

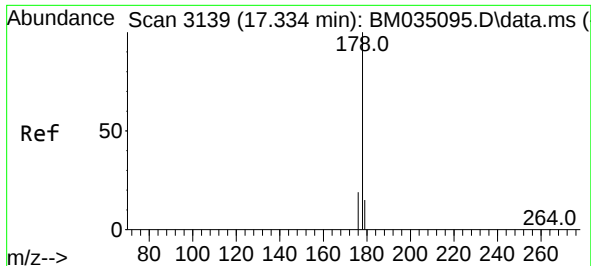
Tgt Ion:166 Resp: 12875
 Ion Ratio Lower Upper
 166 100
 165 99.7 81.1 121.7
 167 14.2 14.9 22.3#



#14
 Pentachlorophenol
 Concen: 0.377 ng/ul
 RT: 16.946 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: BM035095.D
 Acq: 16 May 2022 09:37

Tgt Ion:266 Resp: 2033
 Ion Ratio Lower Upper
 266 100
 264 62.4 51.4 77.0
 268 64.4 53.1 79.7

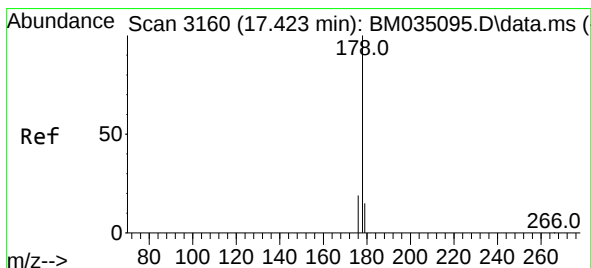
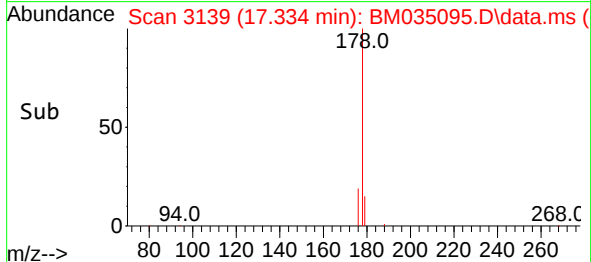
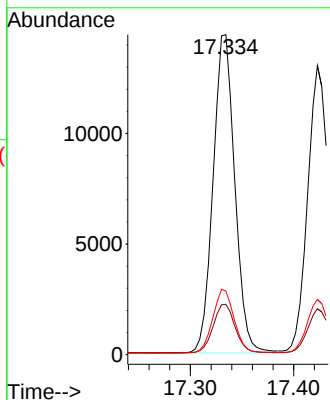
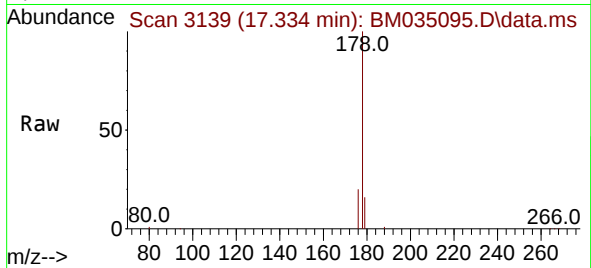




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

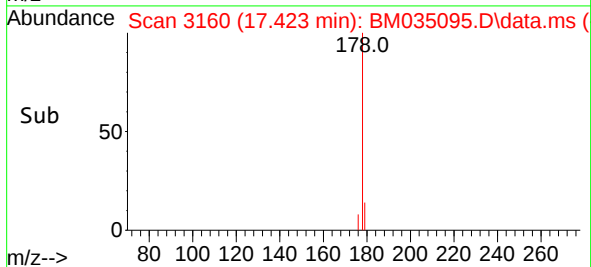
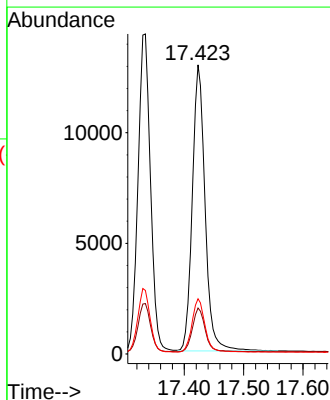
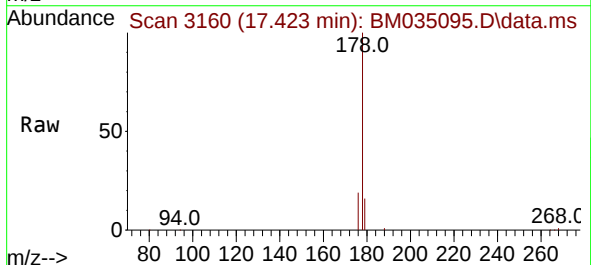
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

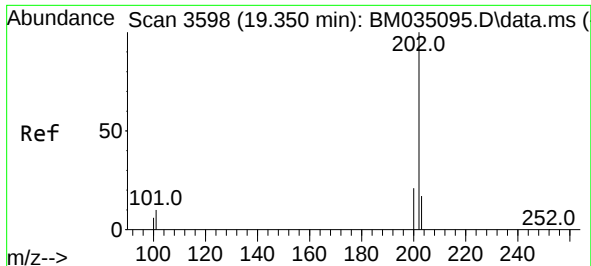
Tgt Ion:	178	Resp:	21032
Ion Ratio	Lower	Upper	
178	100		
179	15.8	15.0	22.6
176	19.8	17.9	26.9



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Tgt Ion:	178	Resp:	19342
Ion Ratio	Lower	Upper	
178	100		
179	15.9	16.5	24.7#
176	19.1	18.3	27.5

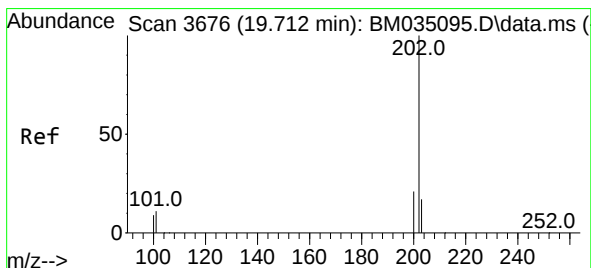
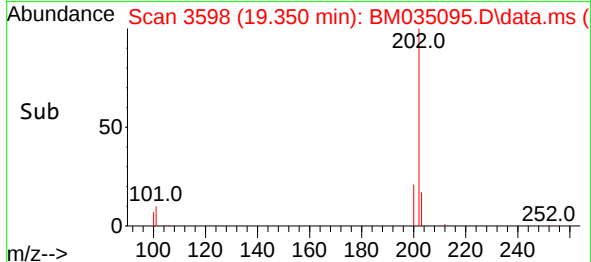
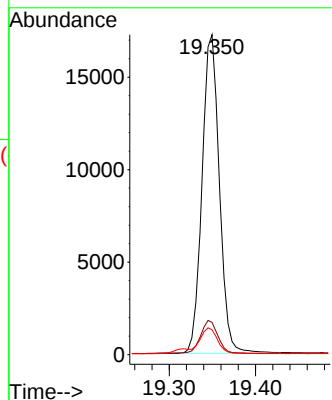
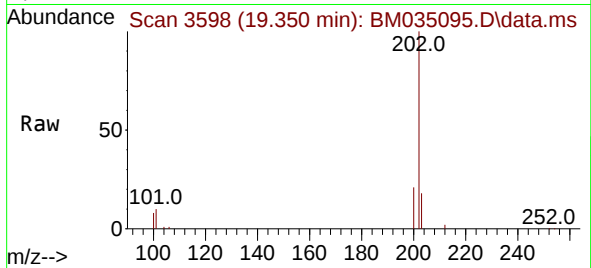




#19
Fluoranthene
Concen: 0.387 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

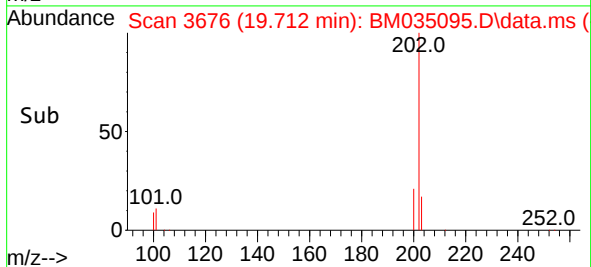
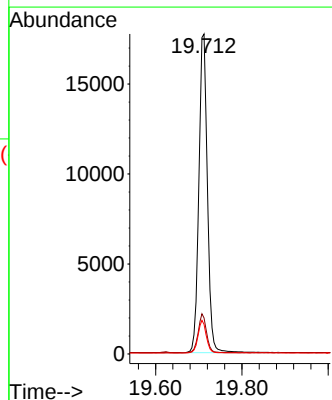
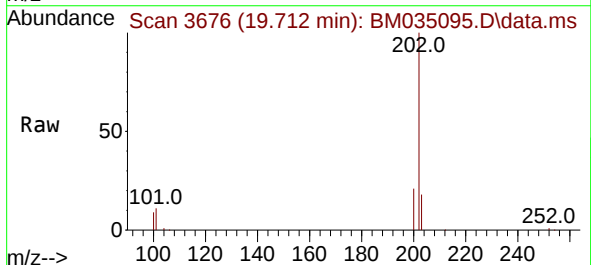
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

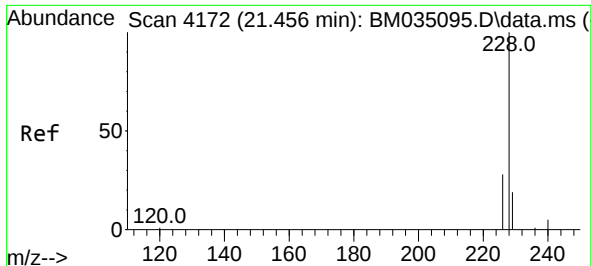
Tgt Ion:202 Resp: 24010
Ion Ratio Lower Upper
202 100
101 10.1 9.2 13.8
100 7.7 7.2 10.8



#20
Pyrene
Concen: 0.386 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Tgt Ion:202 Resp: 24317
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.3 7.8 11.6

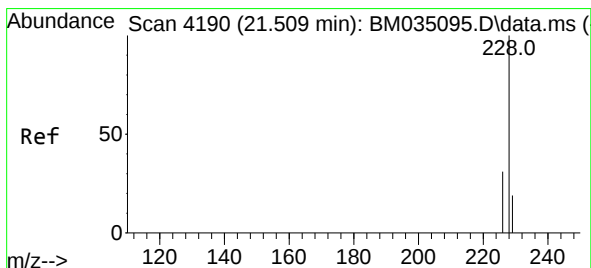
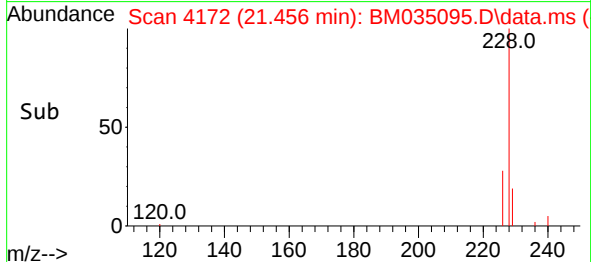
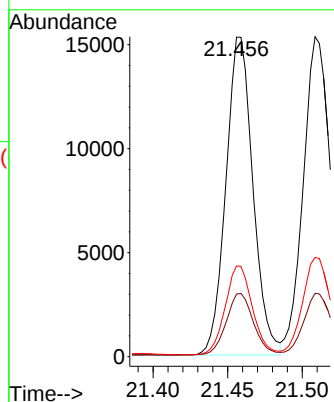
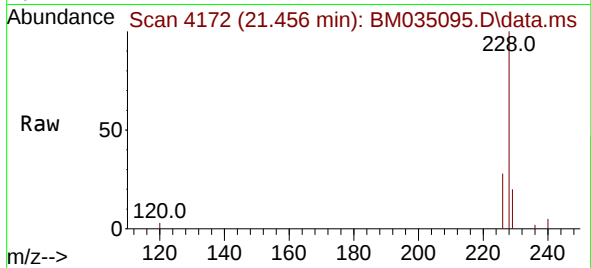




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

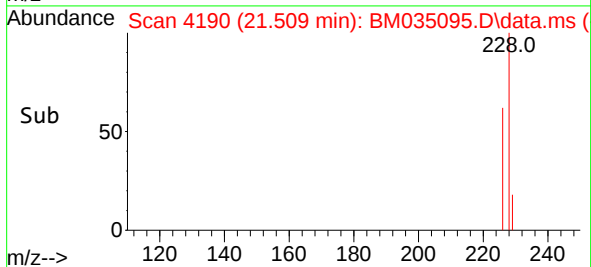
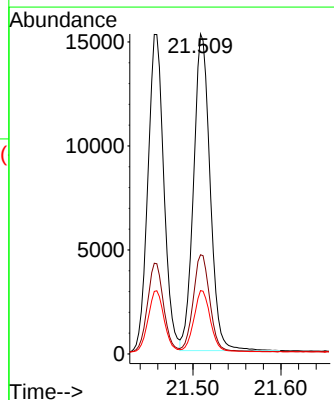
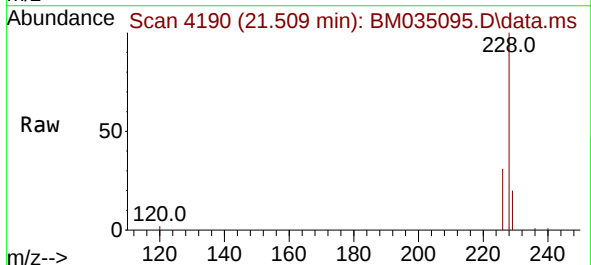
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

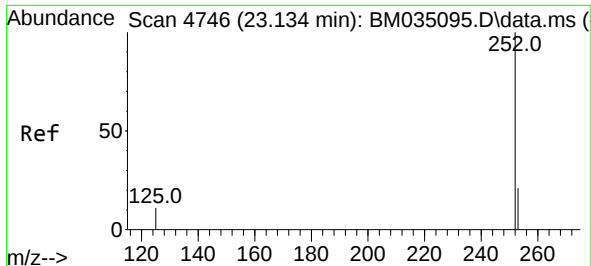
Tgt Ion:228 Resp: 19351
Ion Ratio Lower Upper
228 100
229 19.6 17.3 25.9
226 28.4 23.2 34.8



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Tgt Ion:228 Resp: 19884
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 19.8 16.7 25.1

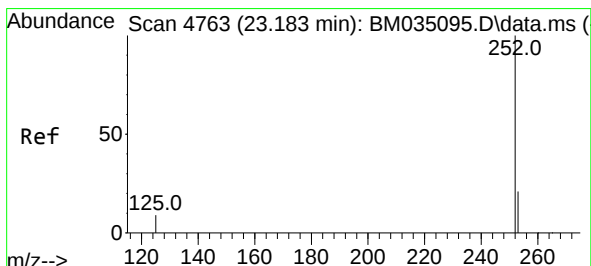
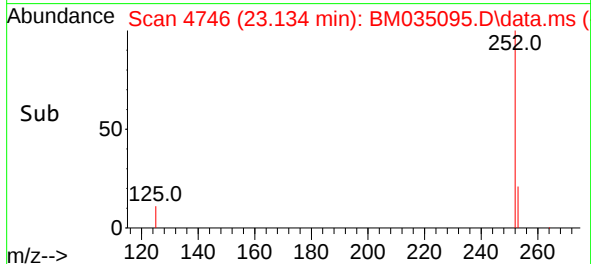
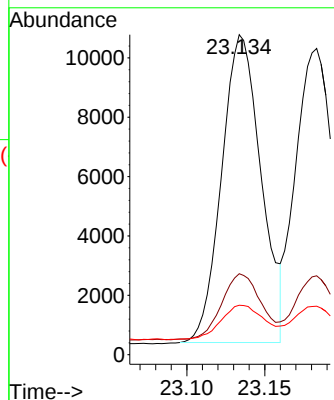
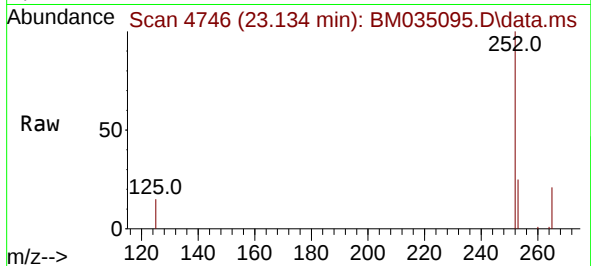




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. 0.000 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

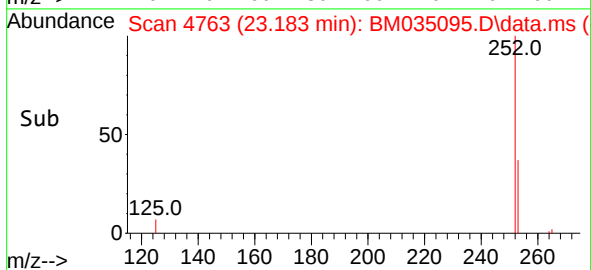
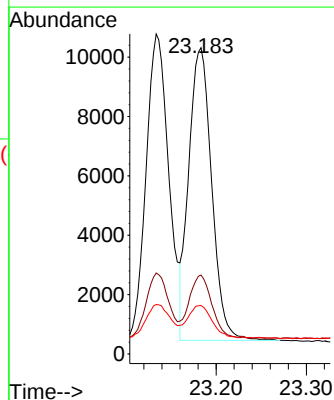
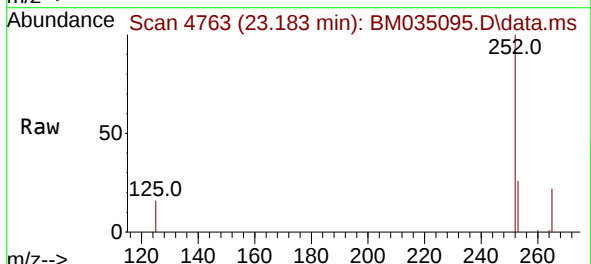
Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

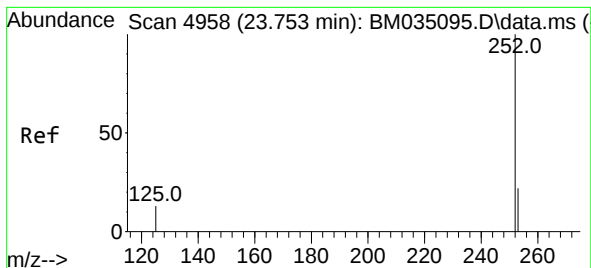
Tgt Ion:252 Resp: 18275
Ion Ratio Lower Upper
252 100
253 25.3 0.0 64.2
125 15.5 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.003 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Tgt Ion:252 Resp: 17381
Ion Ratio Lower Upper
252 100
253 25.8 26.8 40.2#
125 15.8 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.375 ng/ul

RT: 23.753 min Scan# 4958

Delta R.T. 0.003 min

Lab File: BM035095.D

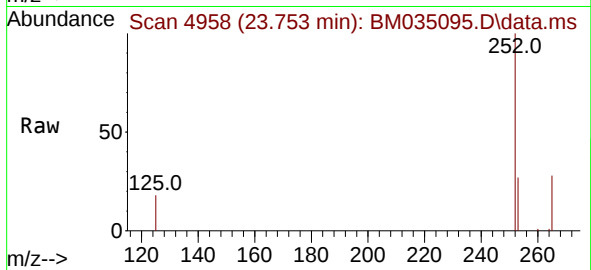
Acq: 16 May 2022 09:37

Instrument :

BNA_M

ClientSampleId :

SSTD0.4099



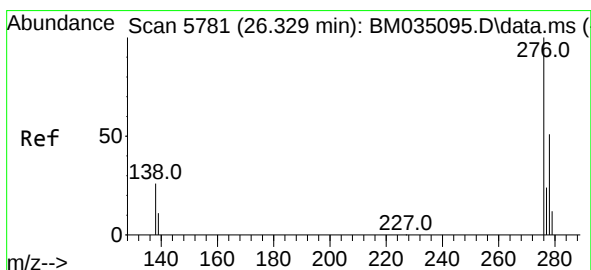
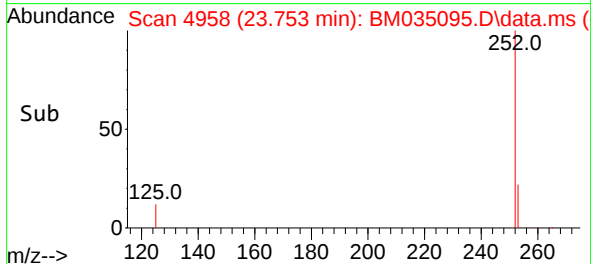
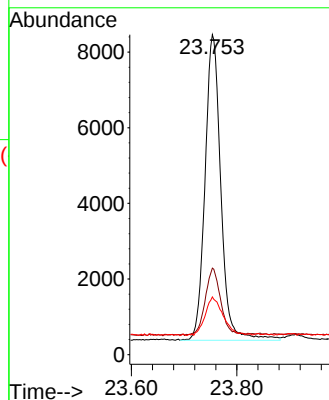
Tgt Ion:252 Resp: 16825

Ion Ratio Lower Upper

252 100

253 27.0 32.0 48.0#

125 18.1 14.5 21.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

RT: 26.329 min Scan# 5781

Delta R.T. 0.003 min

Lab File: BM035095.D

Acq: 16 May 2022 09:37

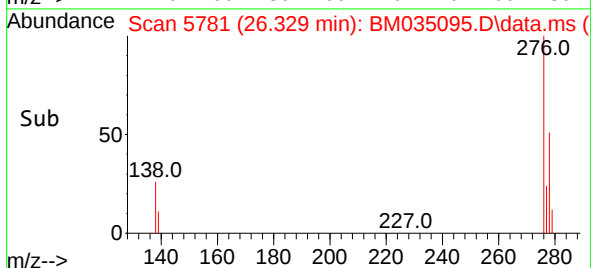
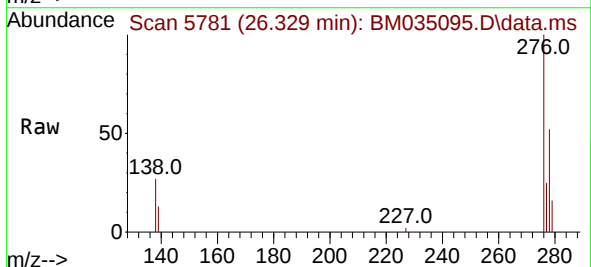
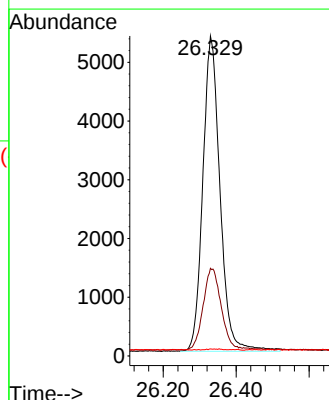
Tgt Ion:276 Resp: 17594

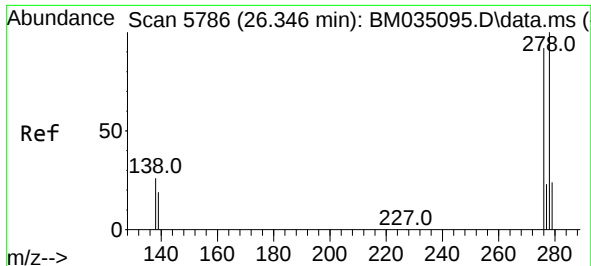
Ion Ratio Lower Upper

276 100

138 27.4 15.8 23.6#

227 0.2 0.0 0.0#

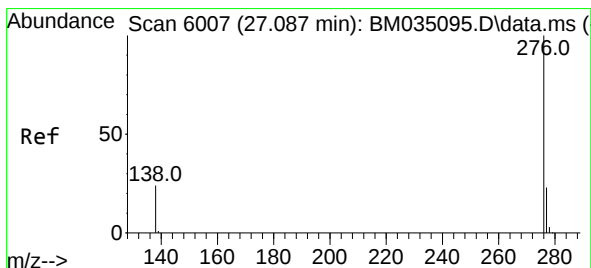
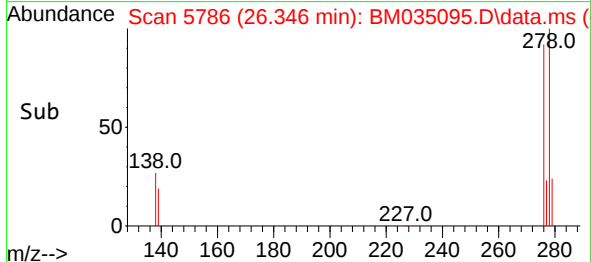
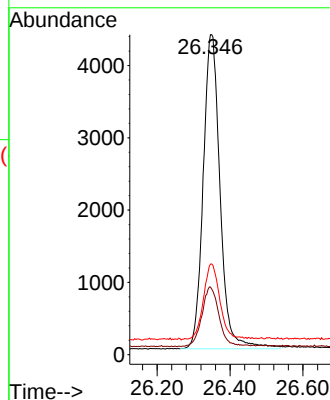
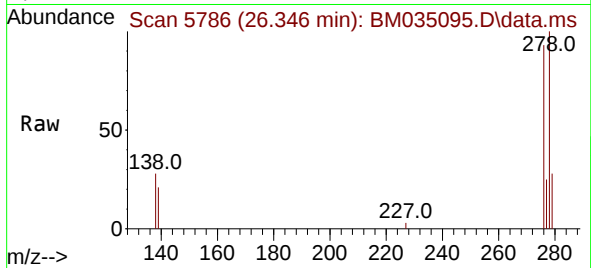




#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 26.346 min Scan# 5786
Delta R.T. 0.003 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.4099

Tgt Ion:278 Resp: 14011
Ion Ratio Lower Upper
278 100
139 21.2 18.0 27.0
279 28.3 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. 0.007 min
Lab File: BM035095.D
Acq: 16 May 2022 09:37

Tgt Ion:276 Resp: 15277
Ion Ratio Lower Upper
276 100
138 25.7 17.4 26.0
277 25.3 22.6 33.8

