

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037564.D
 Acq On : 18 Nov 2022 14:50
 Operator : CG/JU
 Sample : PB149133BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:13:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

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

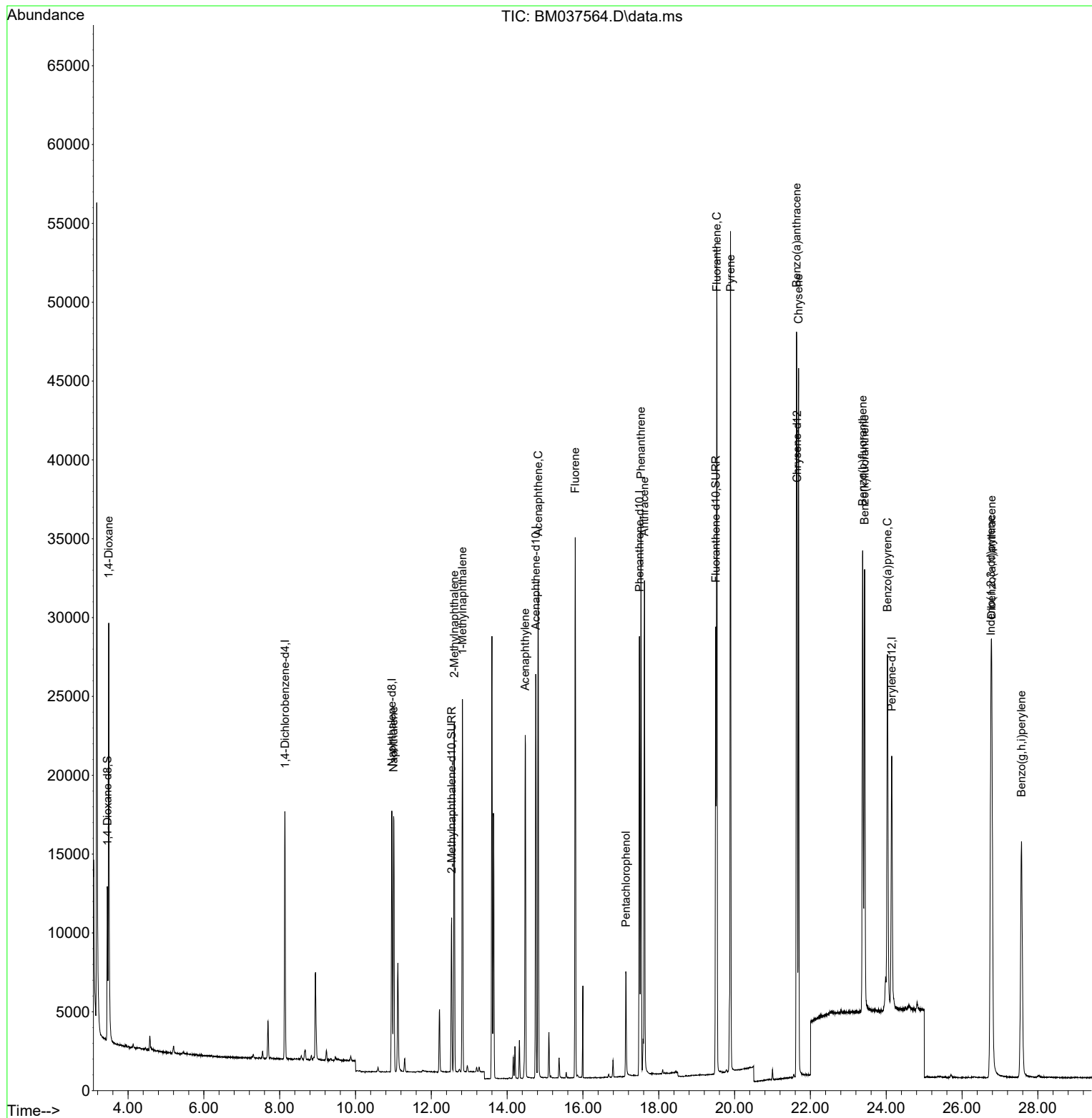
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	7755	0.400	ng/ul	0.00
4) Naphthalene-d8	10.957	136	21431	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.755	164	13413	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.491	188	30691	0.400	ng/ul	0.00
17) Chrysene-d12	21.649	240	23598	0.400	ng/ul	0.00
23) Perylene-d12	24.145	264	22642	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	6234	0.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.536	152	11951	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.503	212	28141	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	17151	1.828	ng/ul#	49
5) Naphthalene	11.007	128	22236	0.342	ng/ul	99
7) 2-Methylnaphthalene	12.607	142	14842	0.335	ng/ul	100
8) 1-Methylnaphthalene	12.822	142	15489	0.342	ng/ul	100
10) Acenaphthylene	14.478	152	23843	0.320	ng/ul	99
11) Acenaphthene	14.820	153	17480	0.336	ng/ul	98
12) Fluorene	15.796	166	20879	0.334	ng/ul	99
14) Pentachlorophenol	17.132	266	4556	0.662	ng/ul	100
15) Phenanthrene	17.529	178	36199	0.345	ng/ul	100
16) Anthracene	17.621	178	33055	0.327	ng/ul	99
19) Fluoranthene	19.531	202	42398	0.372	ng/ul	97
20) Pyrene	19.893	202	42879	0.362	ng/ul	100
21) Benzo(a)anthracene	21.634	228	36809	0.349	ng/ul	100
22) Chrysene	21.687	228	39308	0.375	ng/ul	100
24) Benzo(b)fluoranthene	23.379	252	39916	0.387	ng/ul	95
25) Benzo(k)fluoranthene	23.429	252	37388	0.359	ng/ul	97
26) Benzo(a)pyrene	24.031	252	36578	0.407	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.762	276	39872	0.335	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.782	278	32701	0.350	ng/ul	98
29) Benzo(g,h,i)perylene	27.567	276	33589	0.333	ng/ul	98

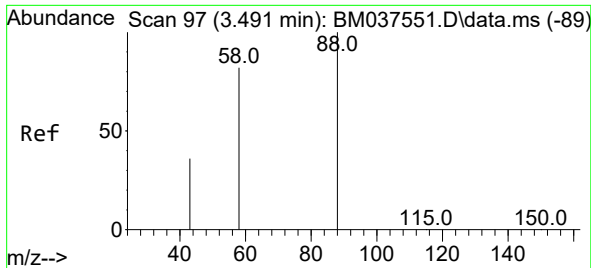
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
Data File : BM037564.D
Acq On : 18 Nov 2022 14:50
Operator : CG/JU
Sample : PB149133BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 18 23:13:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 06:51:41 2022
Response via : Initial Calibration

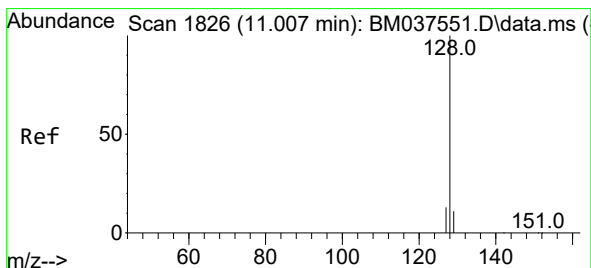
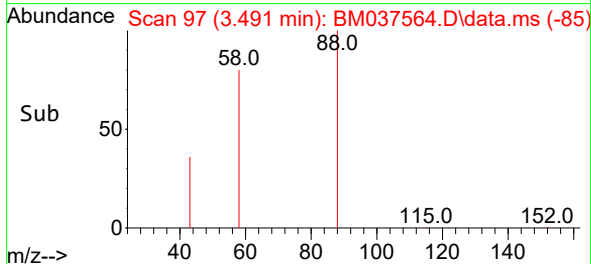
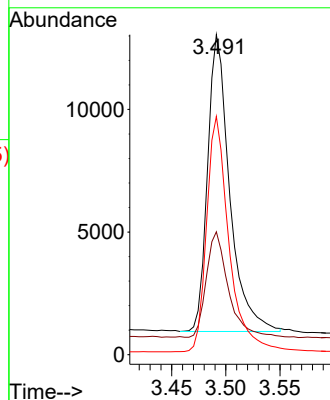
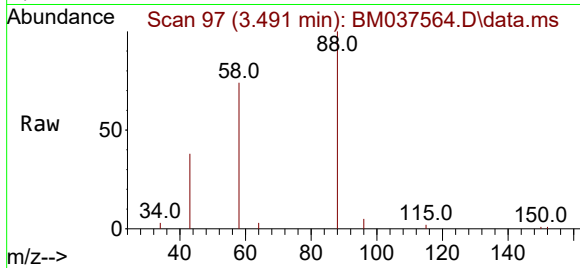




#2
1,4-Dioxane
Concen: 1.828 ng/ul
RT: 3.491 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

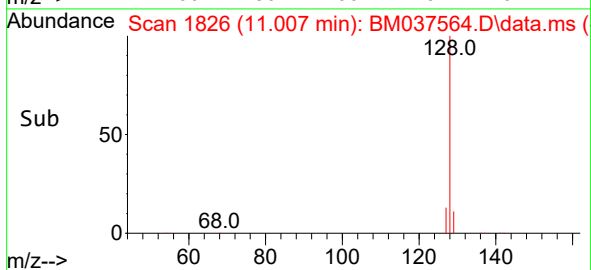
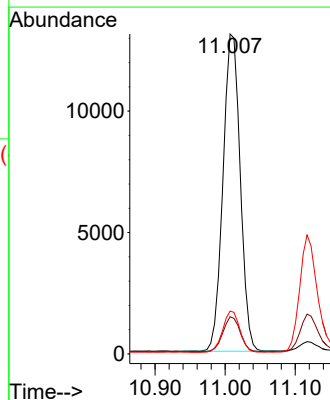
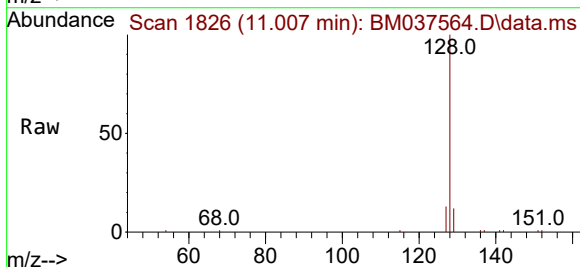
Instrument :
BNA_M
ClientSampleId :

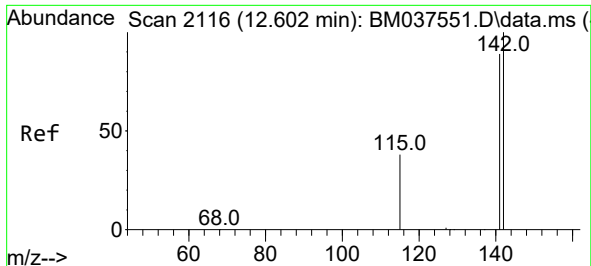
Tgt Ion: 88 Resp: 17151
Ion Ratio Lower Upper
88 100
43 38.4 102.8 154.2#
58 74.4 67.3 100.9



#5
Naphthalene
Concen: 0.342 ng/ul
RT: 11.007 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

Tgt Ion:128 Resp: 22236
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.8
127 13.4 11.0 16.4

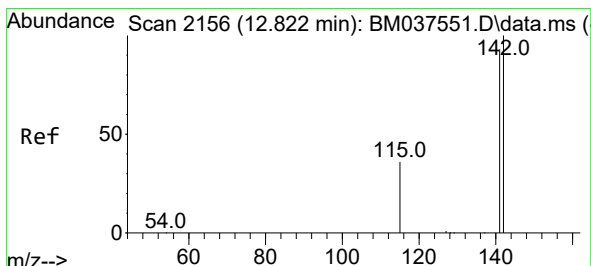
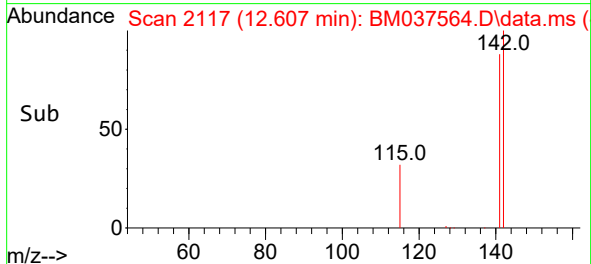
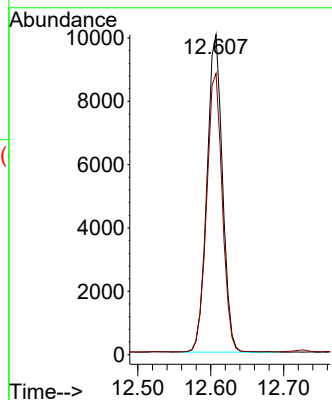
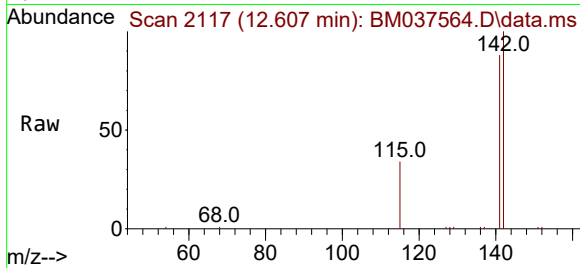




#7
2-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.005 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

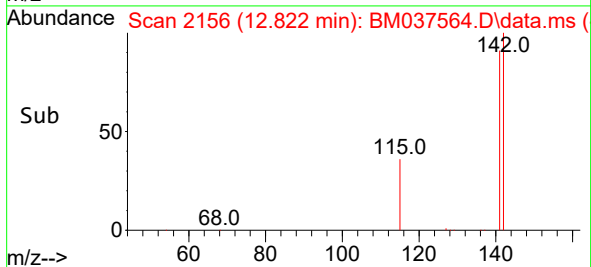
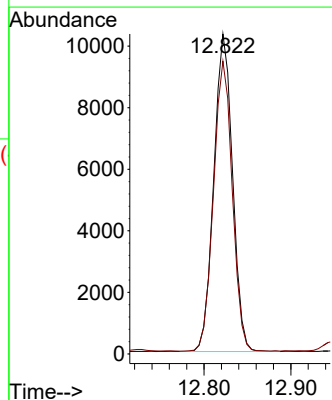
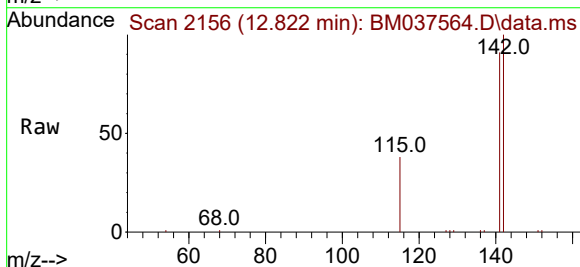
Instrument :
BNA_M
ClientSampleId :

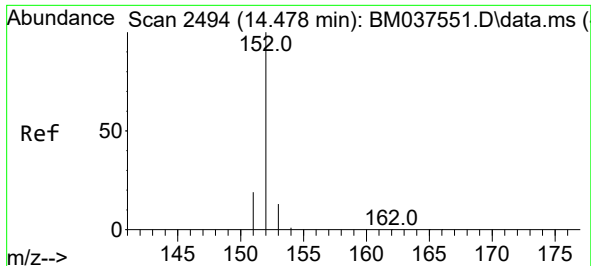
Tgt Ion:142 Resp: 14842
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.822 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

Tgt Ion:142 Resp: 15489
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0

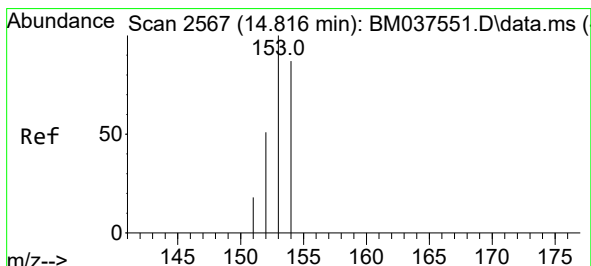
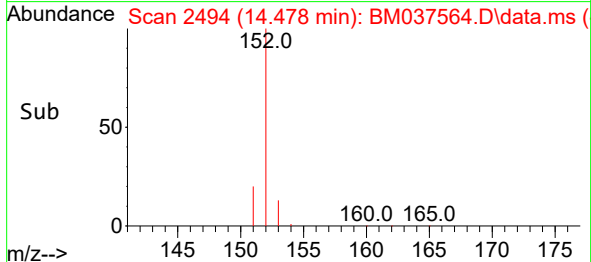
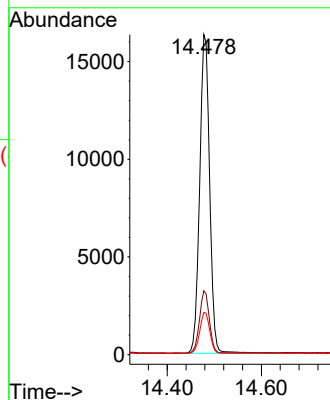
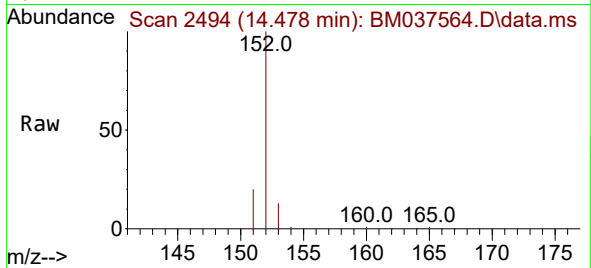




#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.478 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

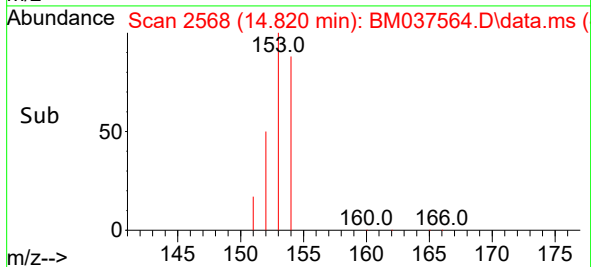
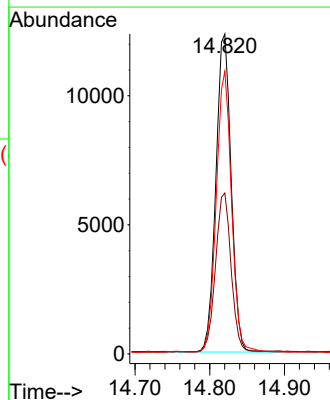
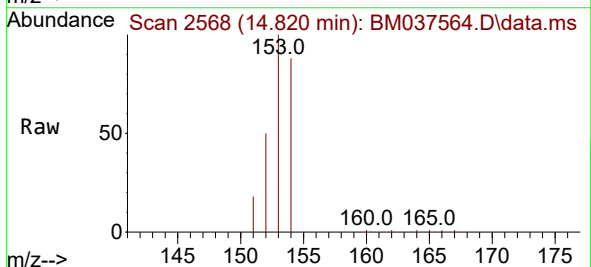
Instrument :
BNA_M
ClientSampleId :

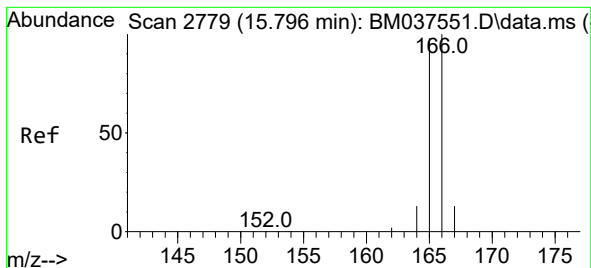
Tgt Ion:152 Resp: 23843
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 11.0 16.4



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.820 min Scan# 2568
Delta R.T. 0.005 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

Tgt Ion:153 Resp: 17480
Ion Ratio Lower Upper
153 100
152 50.3 39.4 59.0
154 88.4 69.5 104.3





#12

Fluorene

Concen: 0.334 ng/ul

RT: 15.796 min Scan# 21

Delta R.T. -0.000 min

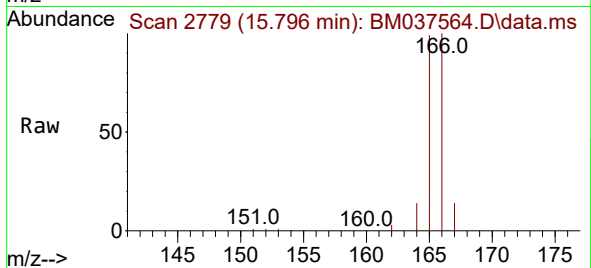
Lab File: BM037564.D

Acq: 18 Nov 2022 14:50

Instrument :

BNA_M

ClientSampleId :



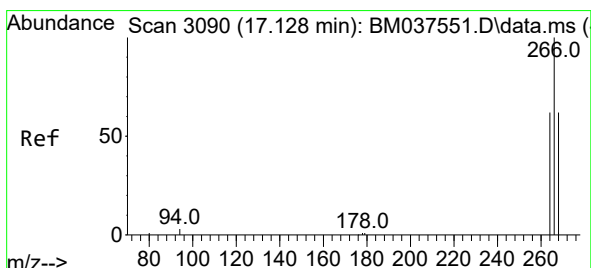
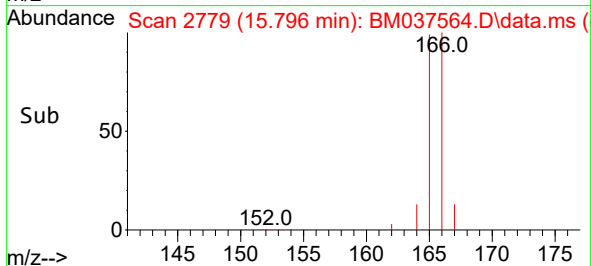
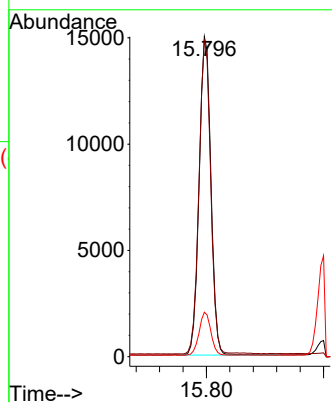
Tgt Ion:166 Resp: 20879

Ion Ratio Lower Upper

166 100

165 99.2 78.7 118.1

167 13.9 11.3 16.9



#14

Pentachlorophenol

Concen: 0.662 ng/ul

RT: 17.132 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM037564.D

Acq: 18 Nov 2022 14:50

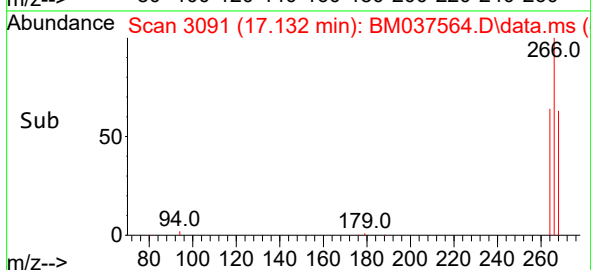
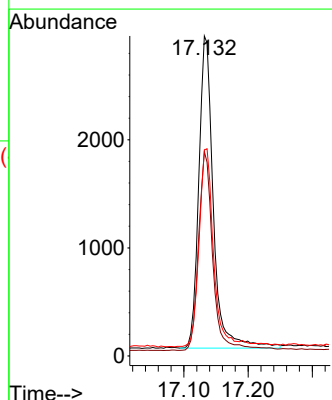
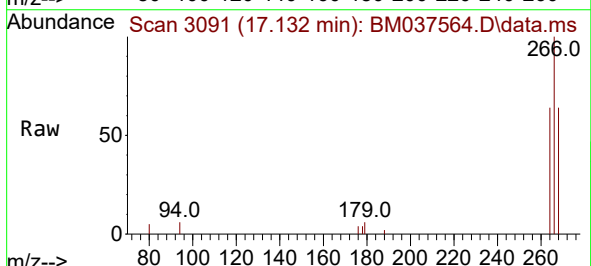
Tgt Ion:266 Resp: 4556

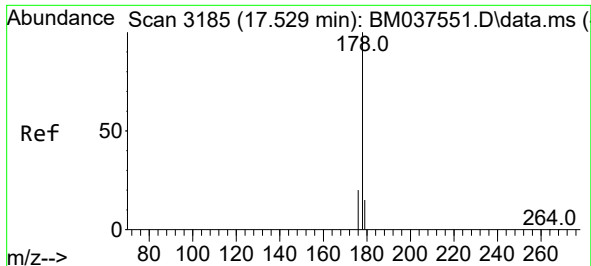
Ion Ratio Lower Upper

266 100

264 62.7 50.2 75.2

268 64.8 52.0 78.0

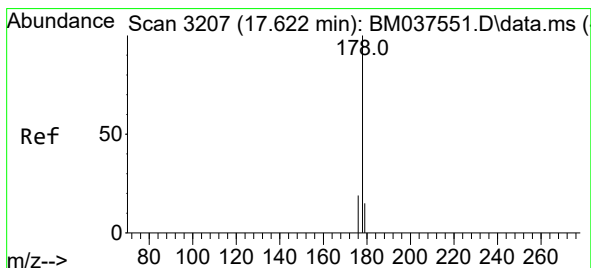
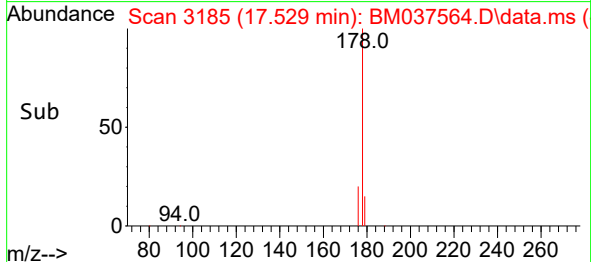
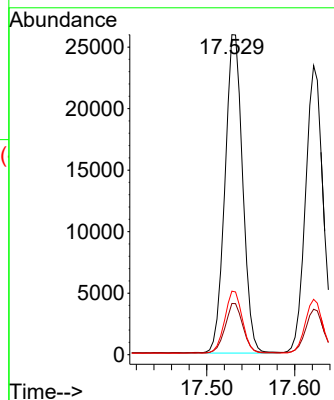
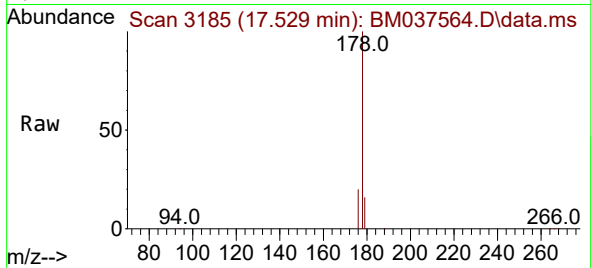




#15
Phenanthrene
Concen: 0.345 ng/ul
RT: 17.529 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

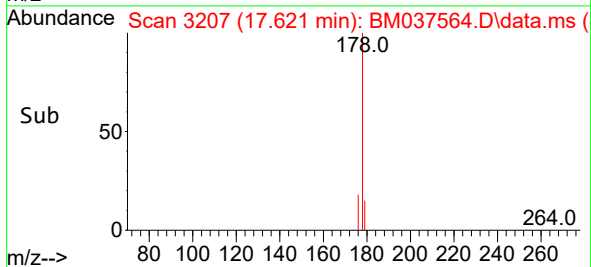
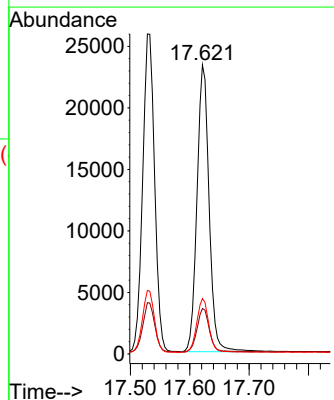
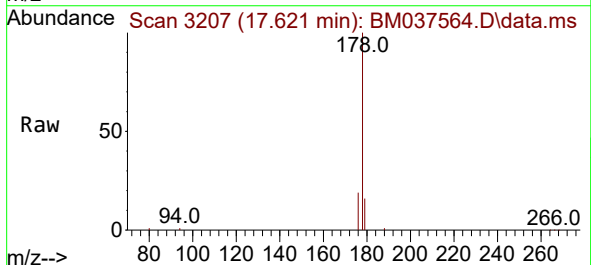
Instrument :
BNA_M
ClientSampleId :

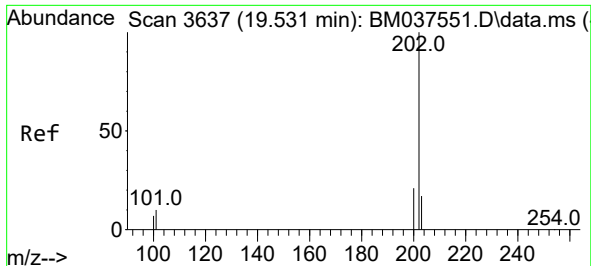
Tgt Ion:178 Resp: 36199
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.621 min Scan# 3207
Delta R.T. 0.004 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

Tgt Ion:178 Resp: 33055
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.1 15.0 22.6

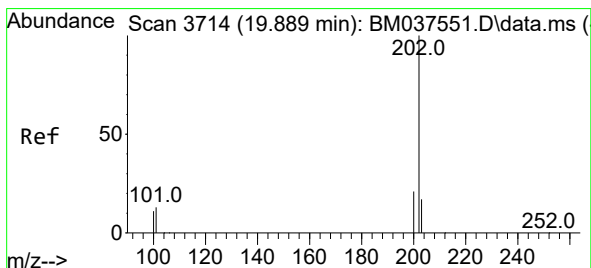
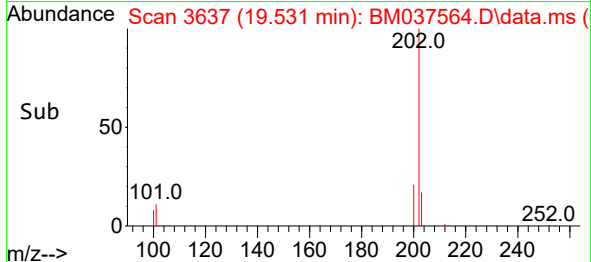
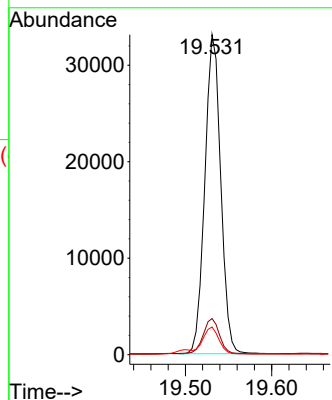
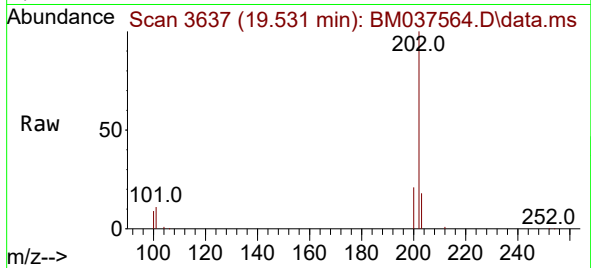




#19
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.531 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

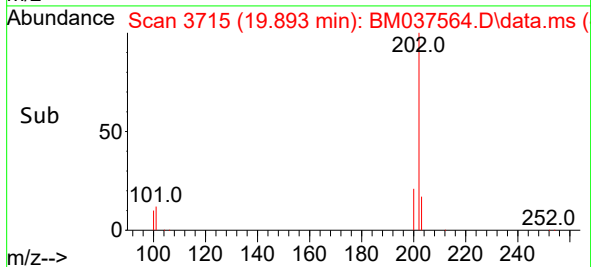
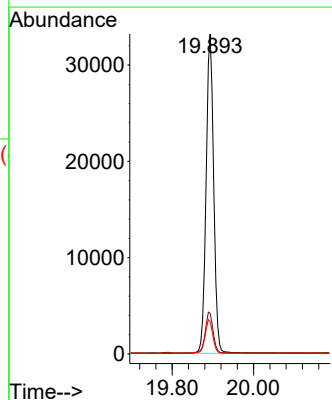
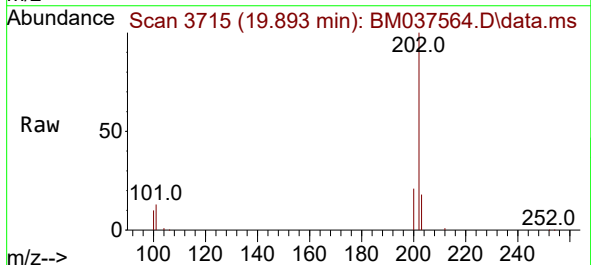
Instrument :
BNA_M
ClientSampleId :

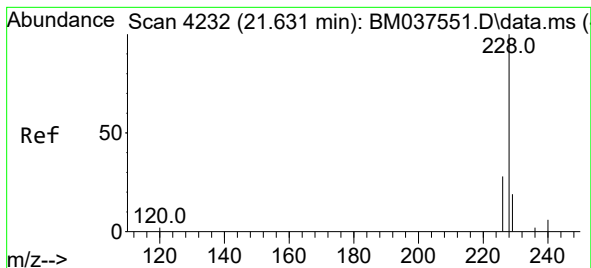
Tgt Ion:202 Resp: 42398
Ion Ratio Lower Upper
202 100
101 11.3 8.2 12.2
100 8.7 6.1 9.1



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.893 min Scan# 3715
Delta R.T. 0.005 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

Tgt Ion:202 Resp: 42879
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 10.1 8.0 12.0





#21

Benzo(a)anthracene

Concen: 0.349 ng/ul

RT: 21.634 min Scan# 4232

Delta R.T. 0.003 min

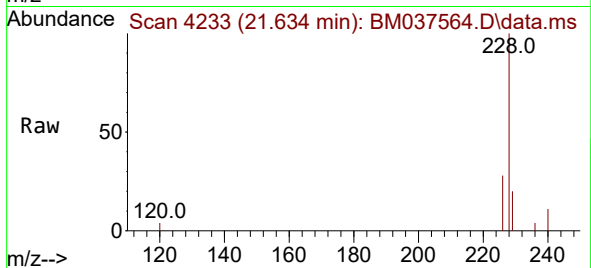
Lab File: BM037564.D

Acq: 18 Nov 2022 14:50

Instrument :

BNA_M

ClientSampleId :



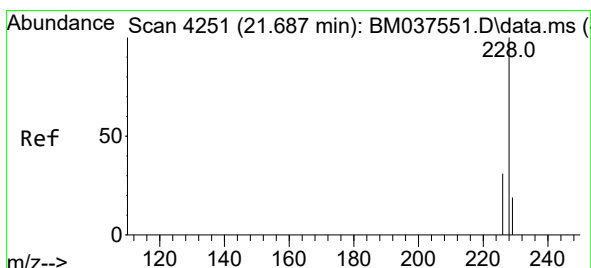
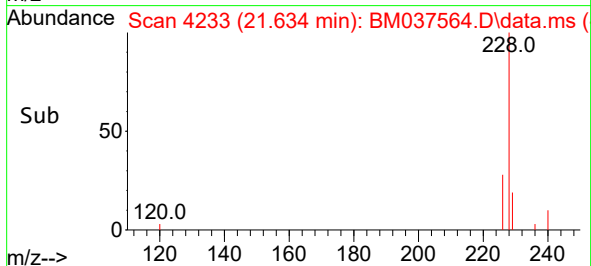
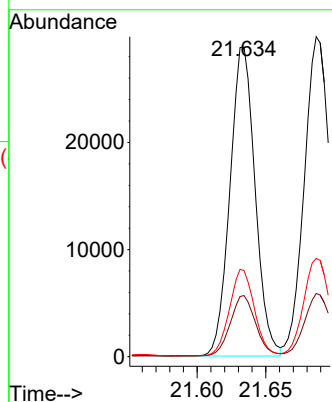
Tgt Ion:228 Resp: 36809

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.8 22.2 33.2



#22

Chrysene

Concen: 0.375 ng/ul

RT: 21.687 min Scan# 4251

Delta R.T. 0.003 min

Lab File: BM037564.D

Acq: 18 Nov 2022 14:50

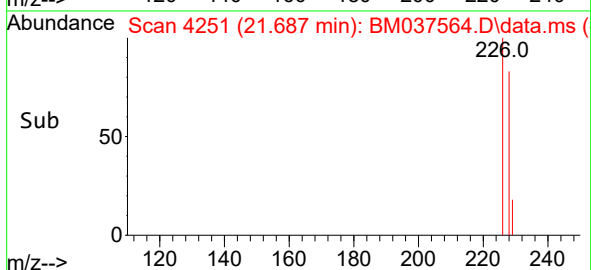
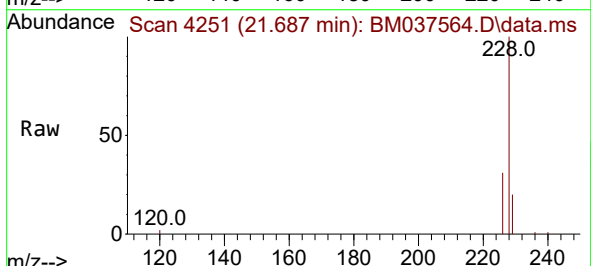
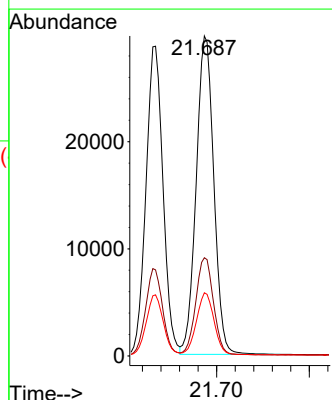
Tgt Ion:228 Resp: 39308

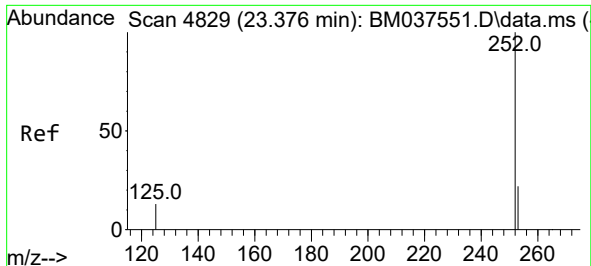
Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 19.8 15.5 23.3

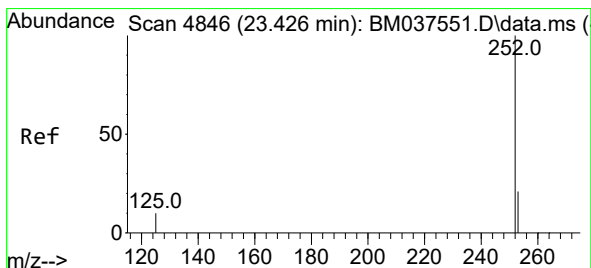
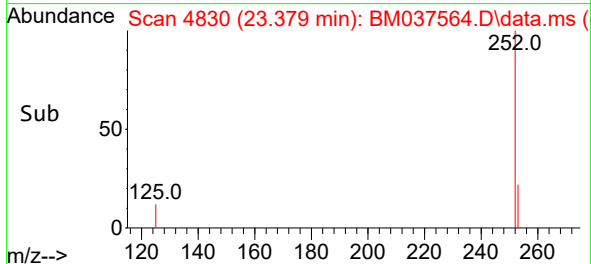
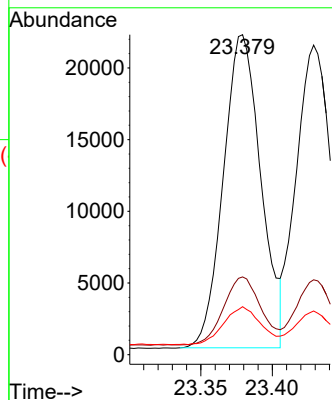
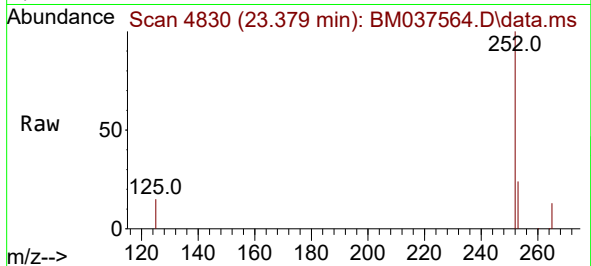




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.379 min Scan# 4830
Delta R.T. 0.006 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

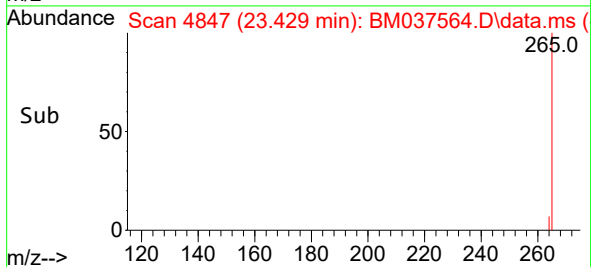
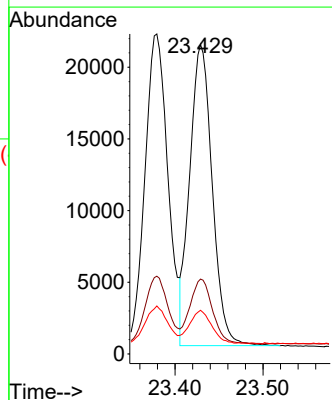
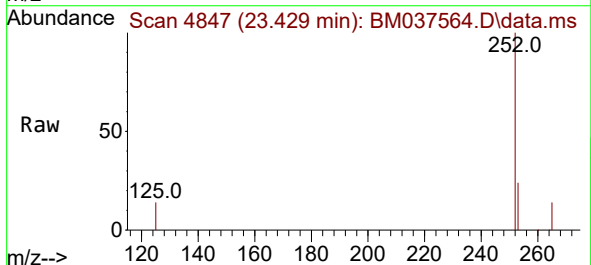
Instrument :
BNA_M
ClientSampleId :

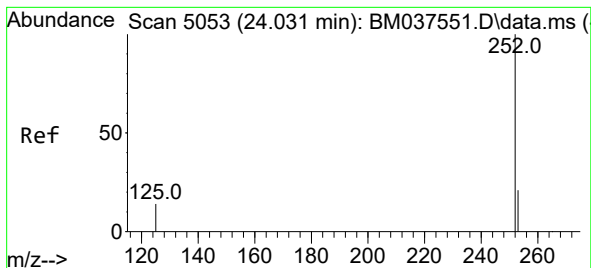
Tgt Ion:252 Resp: 39916
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.2
125 15.0 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 23.429 min Scan# 4847
Delta R.T. 0.003 min
Lab File: BM037564.D
Acq: 18 Nov 2022 14:50

Tgt Ion:252 Resp: 37388
Ion Ratio Lower Upper
252 100
253 24.2 18.8 28.2
125 14.1 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 24.031 min Scan# 5053

Delta R.T. 0.003 min

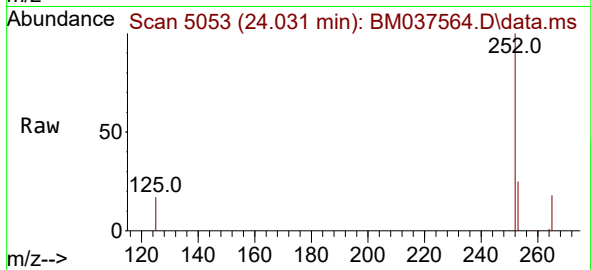
Lab File: BM037564.D

Acq: 18 Nov 2022 14:50

Instrument :

BNA_M

ClientSampleId :



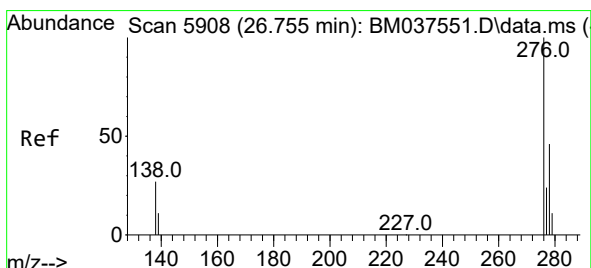
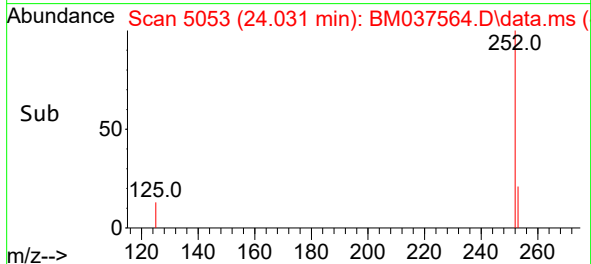
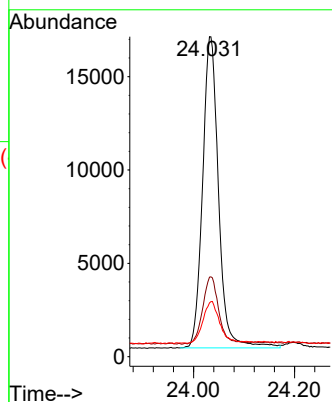
Tgt Ion:252 Resp: 36578

Ion Ratio Lower Upper

252 100

253 24.8 18.8 28.2

125 16.8 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.335 ng/ul

RT: 26.762 min Scan# 5910

Delta R.T. 0.007 min

Lab File: BM037564.D

Acq: 18 Nov 2022 14:50

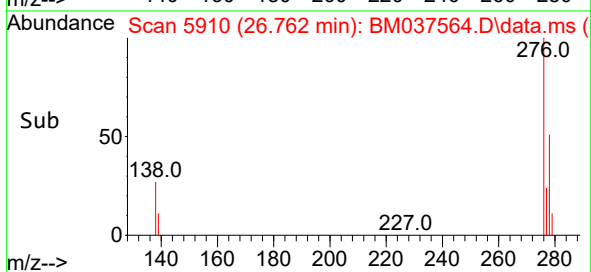
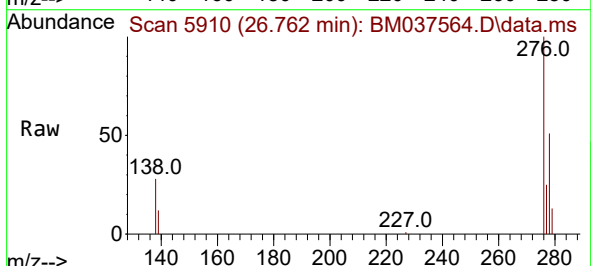
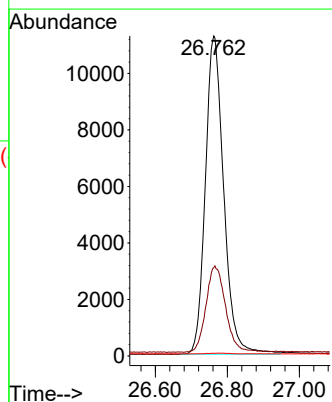
Tgt Ion:276 Resp: 39872

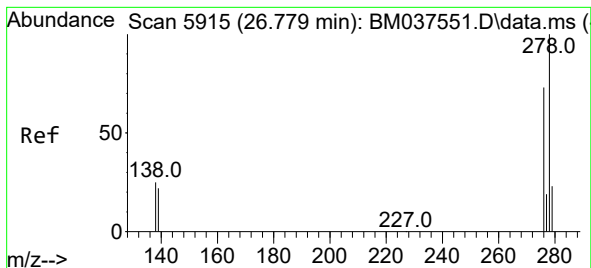
Ion Ratio Lower Upper

276 100

138 28.8 21.2 31.8

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.350 ng/ul

RT: 26.782 min Scan# 5915

Delta R.T. 0.003 min

Lab File: BM037564.D

Acq: 18 Nov 2022 14:50

Instrument :

BNA_M

ClientSampleId :

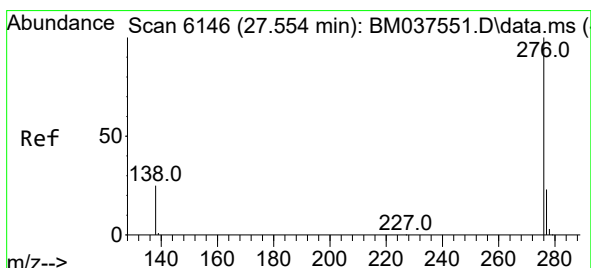
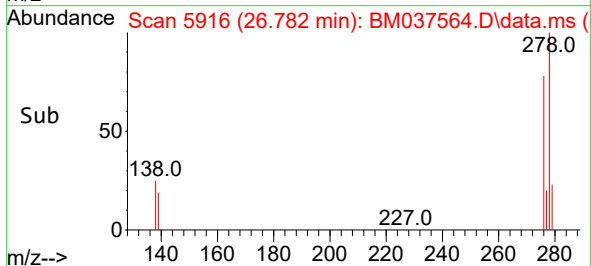
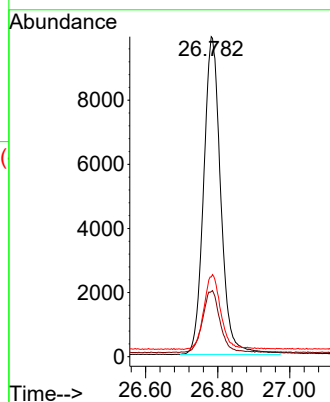
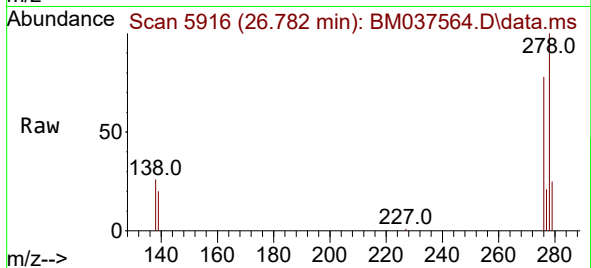
Tgt Ion:278 Resp: 32701

Ion Ratio Lower Upper

278 100

139 20.3 15.2 22.8

279 24.9 20.2 30.2



#29

Benzo(g,h,i)perylene

Concen: 0.333 ng/ul

RT: 27.567 min Scan# 6150

Delta R.T. 0.007 min

Lab File: BM037564.D

Acq: 18 Nov 2022 14:50

Tgt Ion:276 Resp: 33589

Ion Ratio Lower Upper

276 100

138 24.9 19.0 28.4

277 23.9 19.4 29.2

