

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044136.D
 Acq On : 16 Feb 2024 13:21
 Operator : MA/JU
 Sample : P1329-07DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL6DL

Quant Time: Feb 16 22:39:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

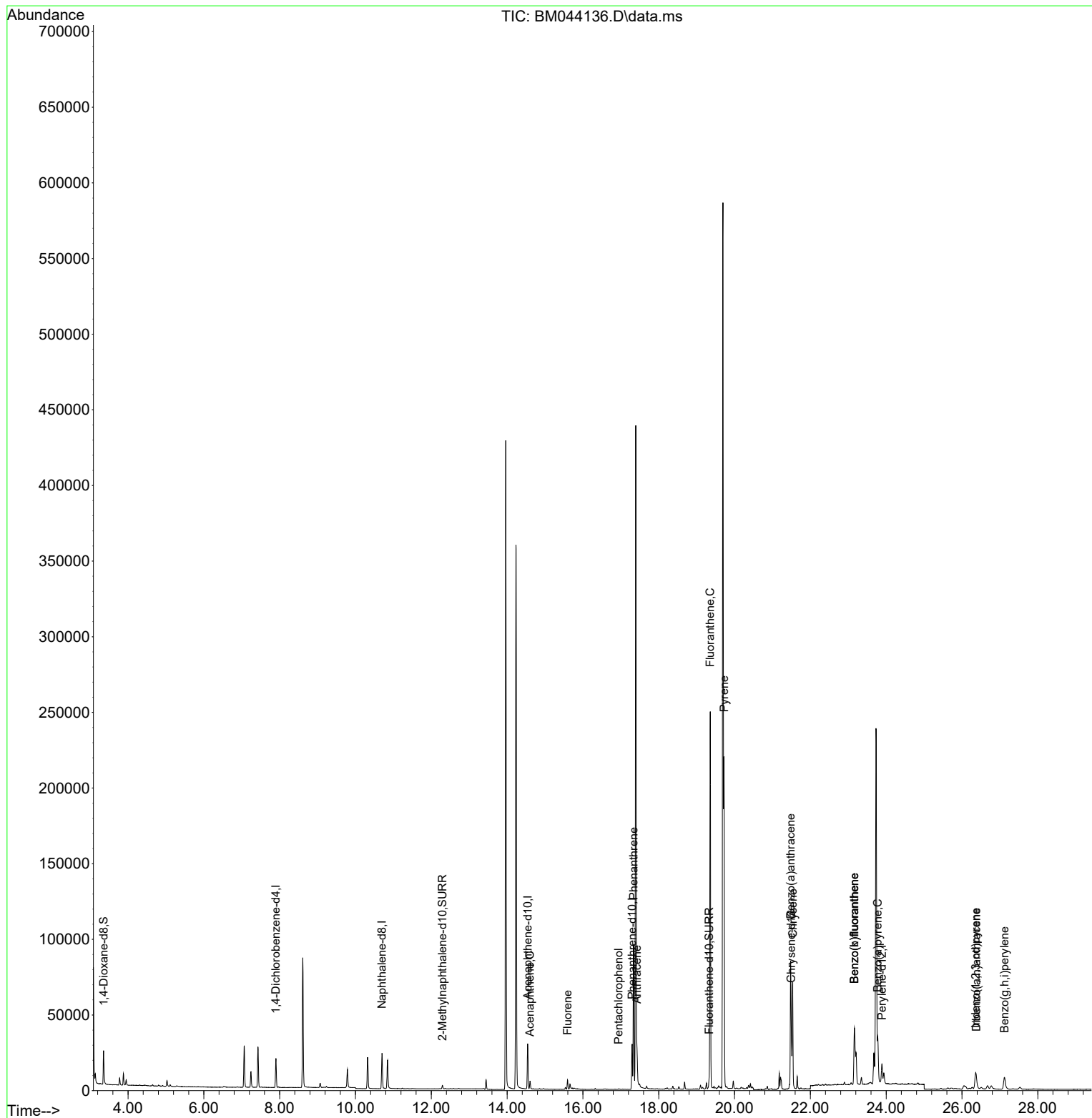
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	31670	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	16588	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	33854	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	20166	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	20147	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	15141	1.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	3129	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	6010	0.100	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.604	153	3078	0.047	ng/ul	100
12) Fluorene	15.594	166	3880	0.052	ng/ul#	96
14) Pentachlorophenol	16.942	266	307	0.025	ng/ul	97
15) Phenanthrene	17.339	178	103741	0.967	ng/ul	99
16) Anthracene	17.428	178	18116	0.171	ng/ul	99
19) Fluoranthene	19.360	202	209121	2.275	ng/ul	99
20) Pyrene	19.722	202	177092	1.832	ng/ul	98
21) Benzo(a)anthracene	21.478	228	70941	0.768	ng/ul	99
22) Chrysene	21.534	228	69023	0.693	ng/ul	98
24) Benzo(b)fluoranthene	23.162	252	64423	0.775	ng/ul	98
25) Benzo(k)fluoranthene	23.162	252	92322	1.023	ng/ul	99
26) Benzo(a)pyrene	23.779	252	39526	0.511	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.362	276	19715	0.200	ng/ul	94
28) Dibenzo(a,h)anthracene	26.379	278	5105	0.066	ng/ul#	78
29) Benzo(g,h,i)perylene	27.123	276	18014	0.207	ng/ul	96

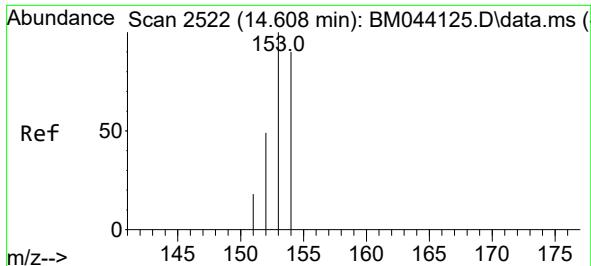
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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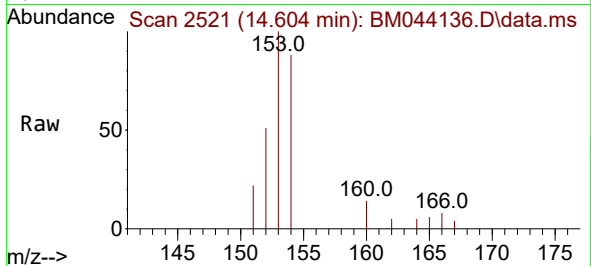
Quant Time: Feb 16 22:39:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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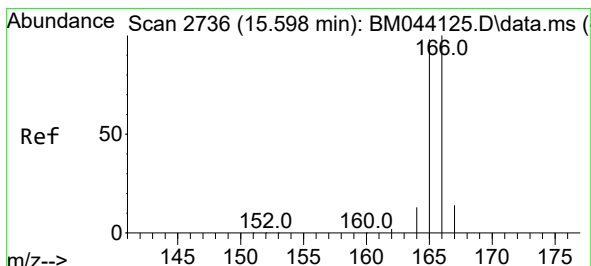
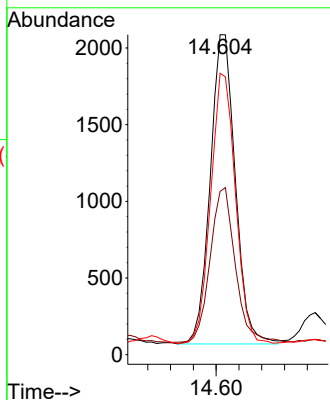
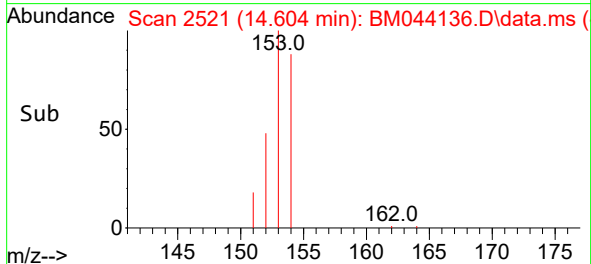


#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.604 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

Instrument :
BNA_M
ClientSampleId :
C0FL6DL

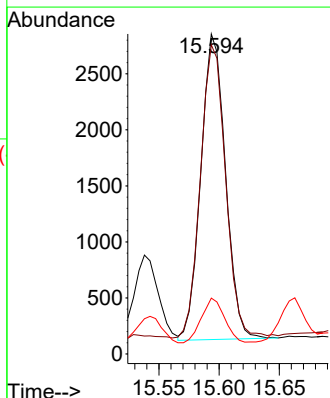
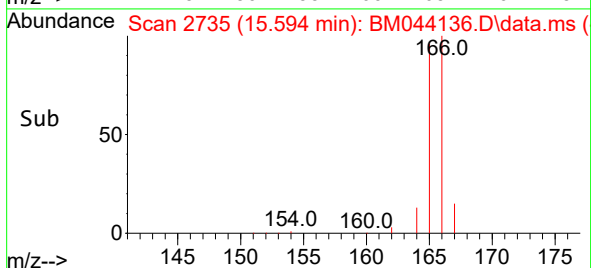
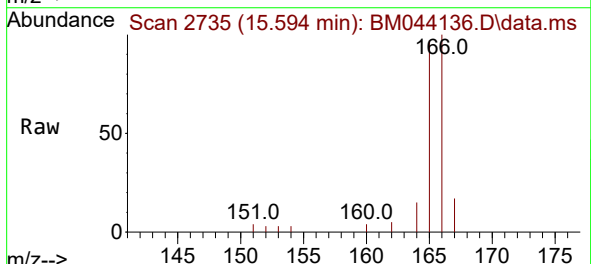


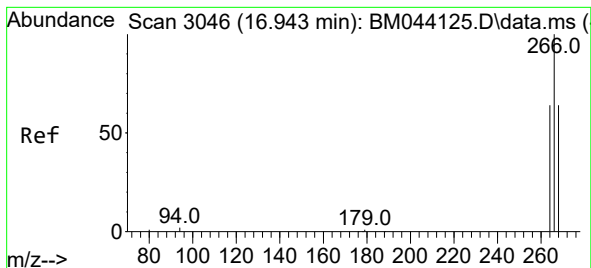
Tgt Ion:153 Resp: 3078
Ion Ratio Lower Upper
153 100
152 51.0 40.6 61.0
154 88.0 70.1 105.1



#12
Fluorene
Concen: 0.052 ng/ul
RT: 15.594 min Scan# 2735
Delta R.T. -0.004 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

Tgt Ion:166 Resp: 3880
Ion Ratio Lower Upper
166 100
165 96.6 79.8 119.6
167 17.4 11.1 16.7#





#14

Pentachlorophenol

Concen: 0.025 ng/ul

RT: 16.942 min Scan# 3046

Delta R.T. -0.003 min

Lab File: BM044136.D

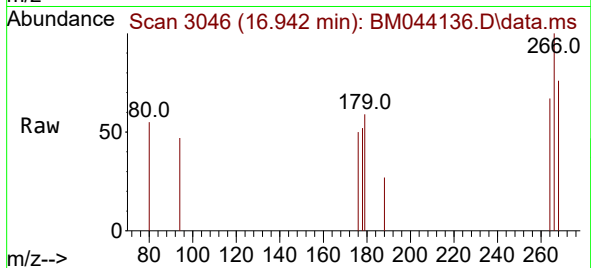
Acq: 16 Feb 2024 13:21

Instrument :

BNA_M

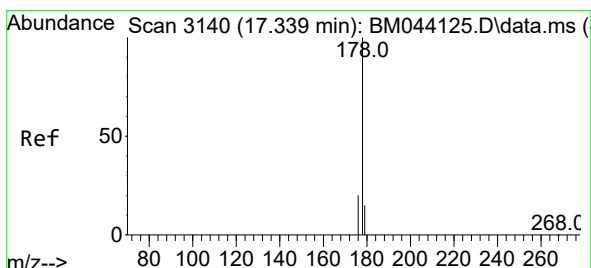
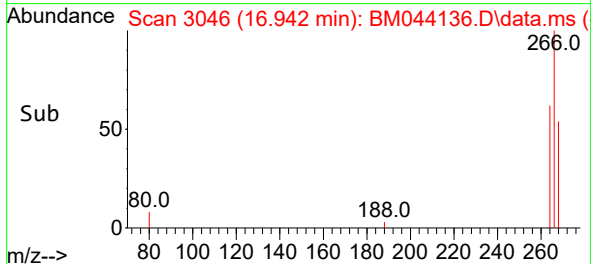
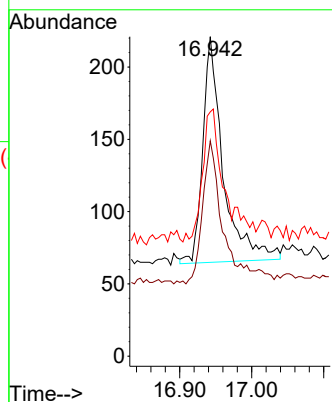
ClientSampleId :

C0FL6DL



Tgt Ion:266 Resp: 307

Ion	Ratio	Lower	Upper
266	100		
264	65.1	49.4	74.0
268	63.8	52.1	78.1



#15

Phenanthrene

Concen: 0.967 ng/ul

RT: 17.339 min Scan# 3140

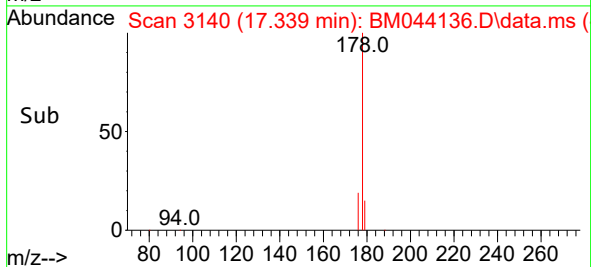
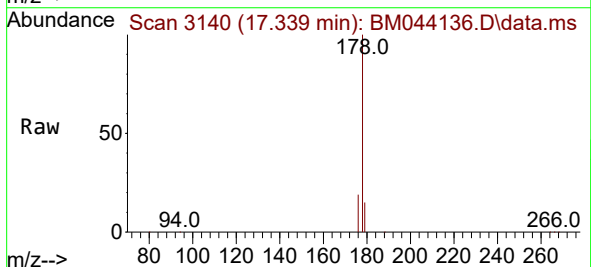
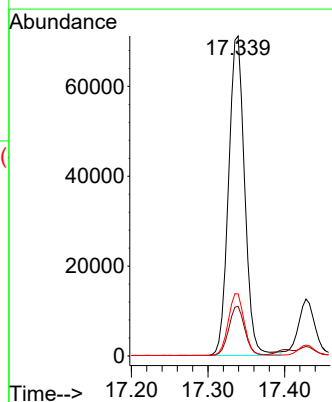
Delta R.T. 0.001 min

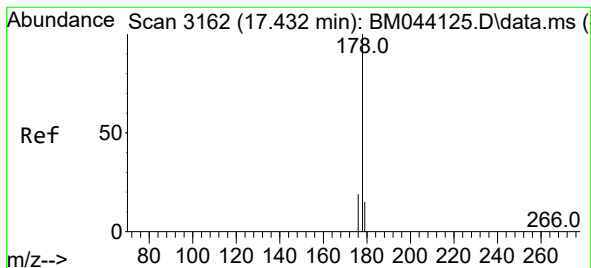
Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

Tgt Ion:178 Resp: 103741

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.4	16.0	24.0





#16

Anthracene

Concen: 0.171 ng/ul

RT: 17.428 min Scan# 3161

Delta R.T. -0.008 min

Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

Instrument :

BNA_M

ClientSampleId :

C0FL6DL

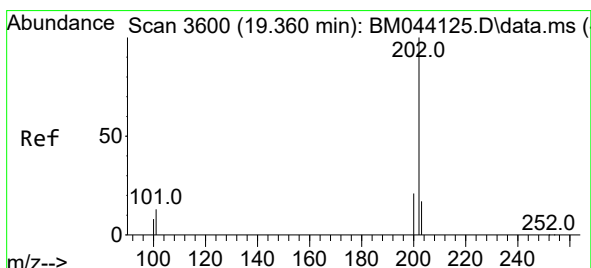
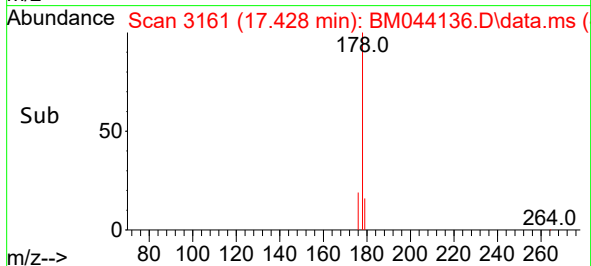
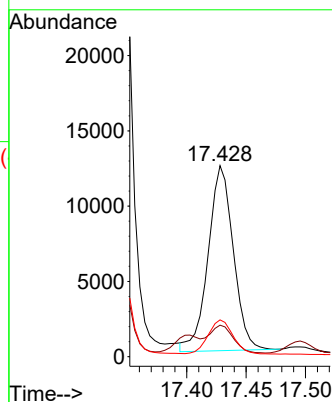
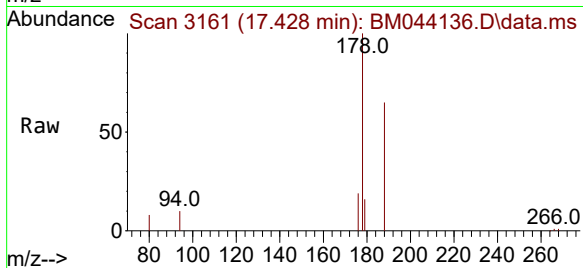
Tgt Ion:178 Resp: 18116

Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

176 19.2 15.3 22.9



#19

Fluoranthene

Concen: 2.275 ng/ul

RT: 19.360 min Scan# 3600

Delta R.T. -0.004 min

Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

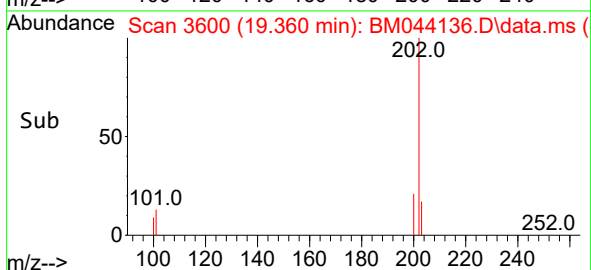
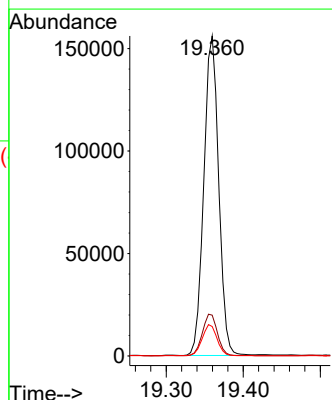
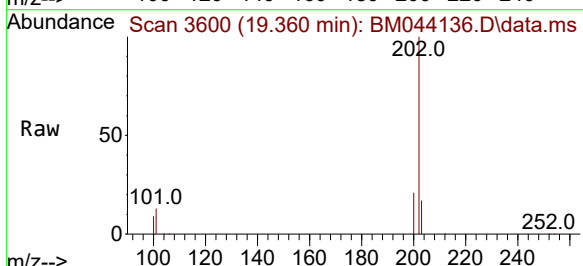
Tgt Ion:202 Resp: 209121

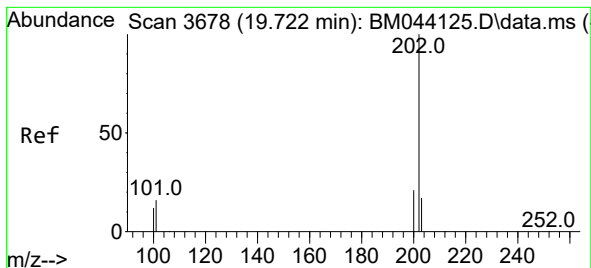
Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.6

100 9.2 7.0 10.4





#20

Pyrene

Concen: 1.832 ng/ul

RT: 19.722 min Scan# 3

Delta R.T. -0.004 min

Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

Instrument :

BNA_M

ClientSampleId :

C0FL6DL

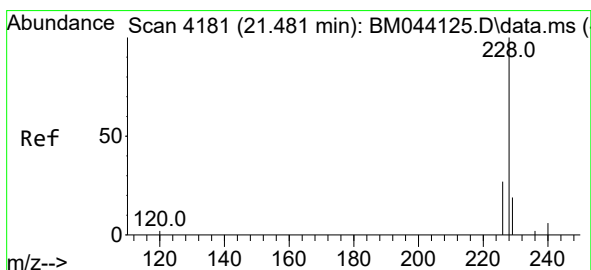
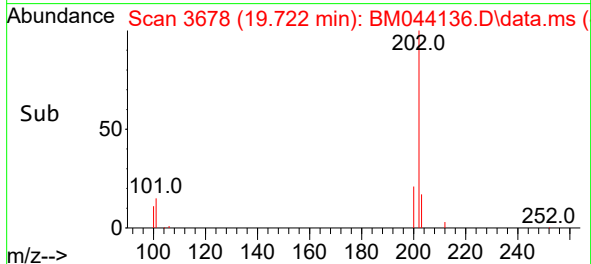
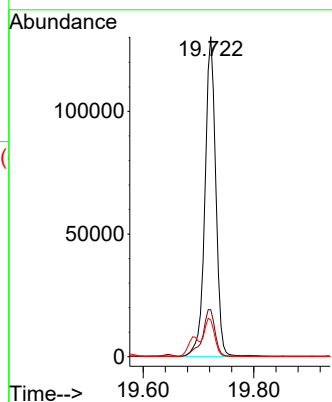
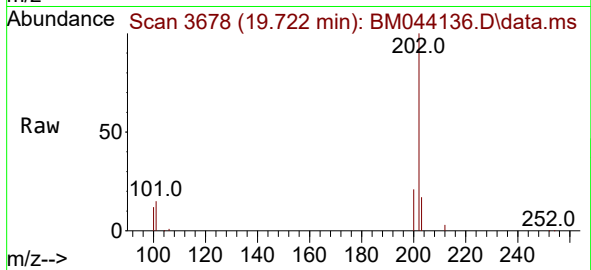
Tgt Ion:202 Resp: 177092

Ion Ratio Lower Upper

202 100

101 14.7 11.2 16.8

100 11.5 8.6 13.0



#21

Benzo(a)anthracene

Concen: 0.768 ng/ul

RT: 21.478 min Scan# 4180

Delta R.T. -0.007 min

Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

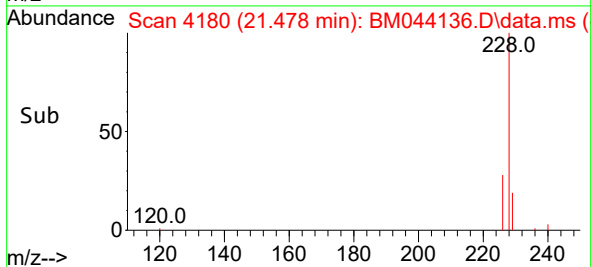
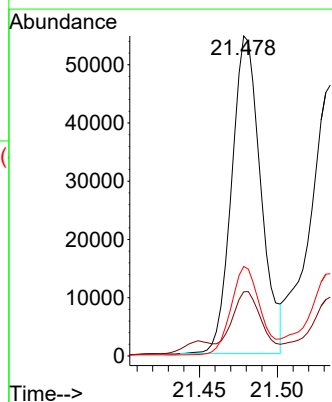
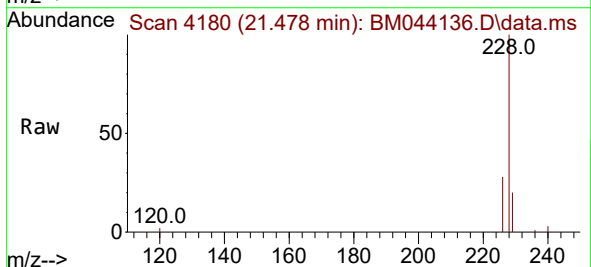
Tgt Ion:228 Resp: 70941

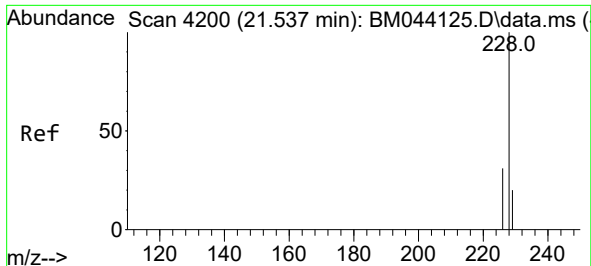
Ion Ratio Lower Upper

228 100

229 20.0 15.4 23.2

226 28.0 22.1 33.1





#22

Chrysene

Concen: 0.693 ng/ul

RT: 21.534 min Scan# 4199

Delta R.T. -0.004 min

Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

Instrument :

BNA_M

ClientSampleId :

C0FL6DL

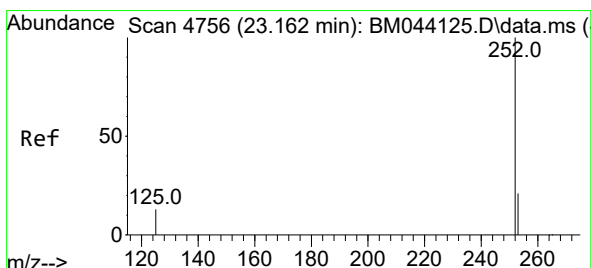
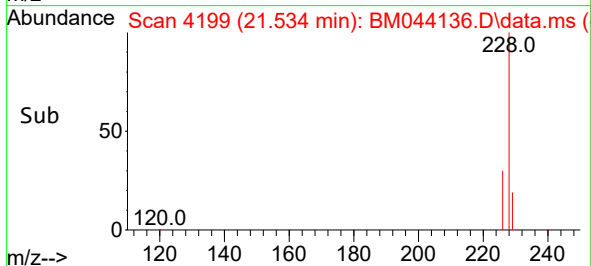
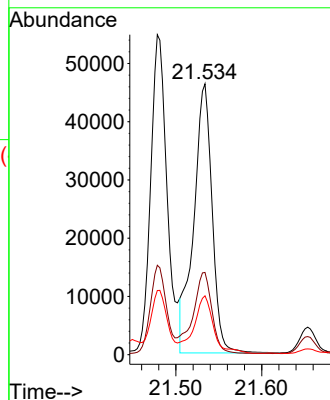
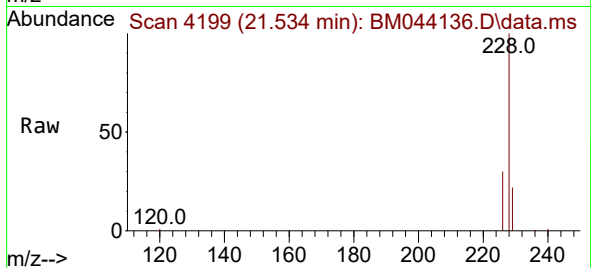
Tgt Ion:228 Resp: 69023

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 21.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.775 ng/ul

RT: 23.162 min Scan# 4756

Delta R.T. -0.001 min

Lab File: BM044136.D

Acq: 16 Feb 2024 13:21

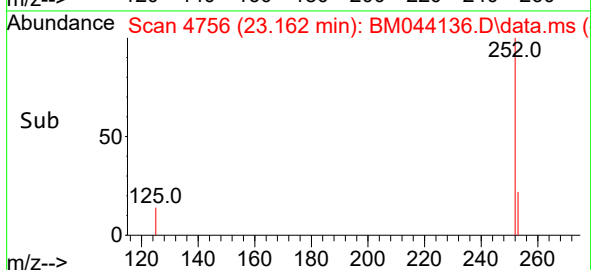
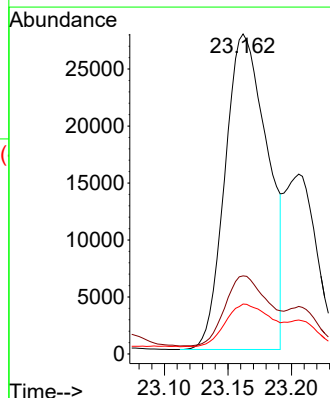
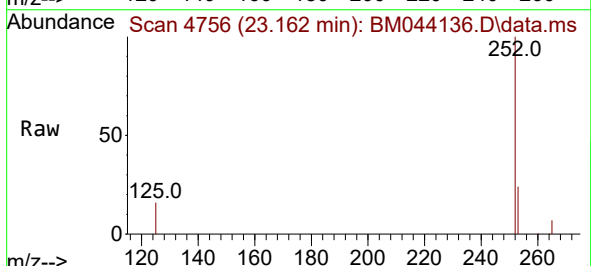
Tgt Ion:252 Resp: 64423

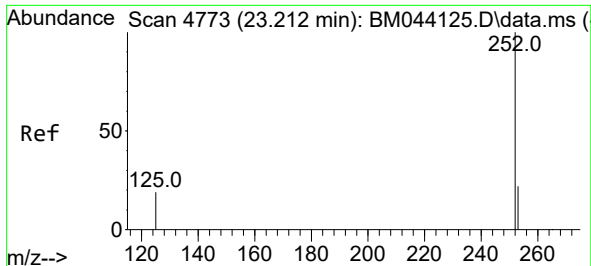
Ion Ratio Lower Upper

252 100

253 24.4 0.0 50.0

125 15.6 0.0 28.2

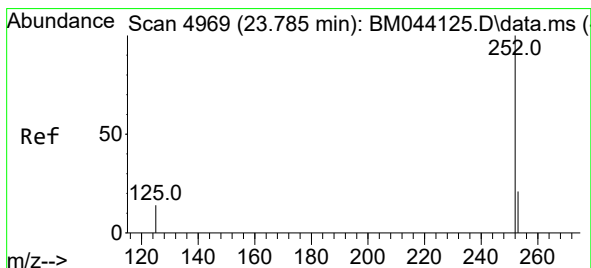
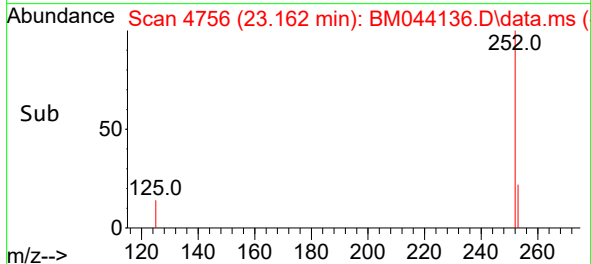
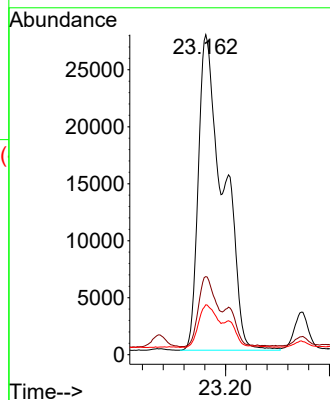
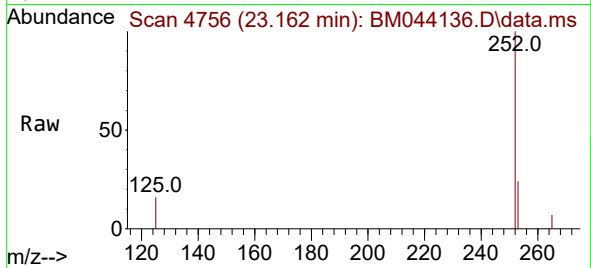




#25
Benzo(k)fluoranthene
Concen: 1.023 ng/ul
RT: 23.162 min Scan# 41
Delta R.T. -0.051 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

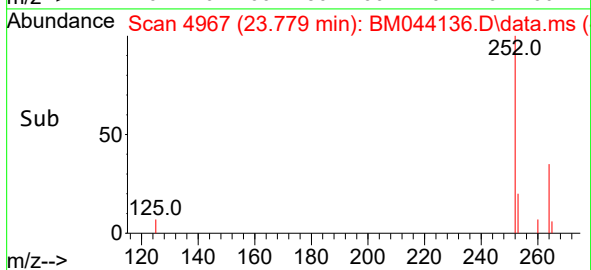
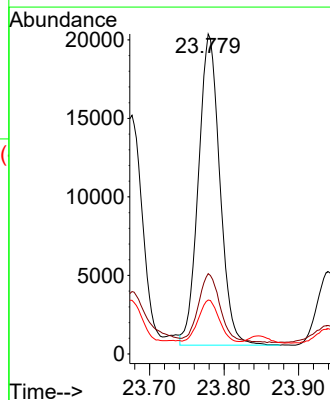
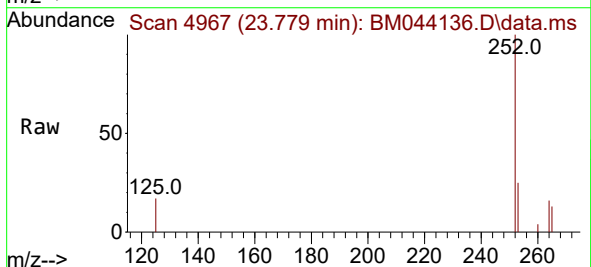
Instrument :
BNA_M
ClientSampleId :
C0FL6DL

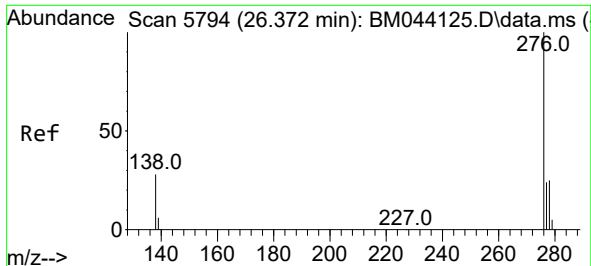
Tgt Ion:252 Resp: 92322
Ion Ratio Lower Upper
252 100
253 24.4 20.1 30.1
125 15.6 12.3 18.5



#26
Benzo(a)pyrene
Concen: 0.511 ng/ul
RT: 23.779 min Scan# 4967
Delta R.T. -0.007 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

Tgt Ion:252 Resp: 39526
Ion Ratio Lower Upper
252 100
253 25.1 21.4 32.2
125 16.9 13.3 19.9

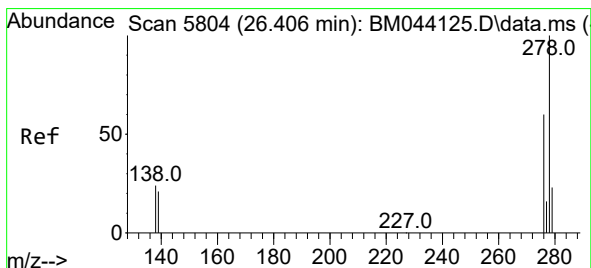
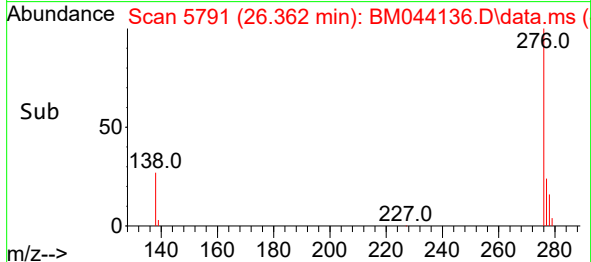
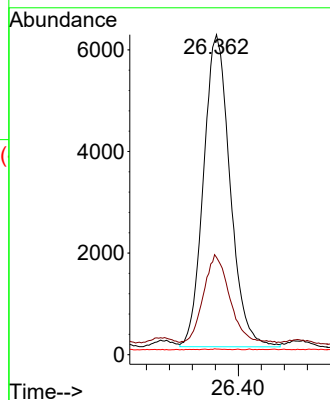
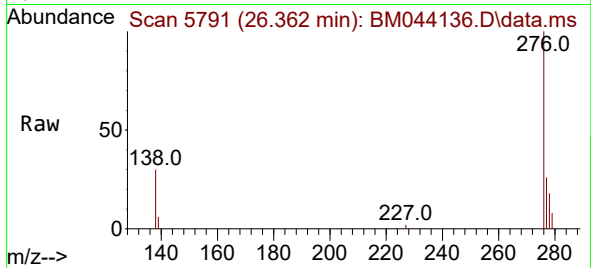




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. -0.008 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

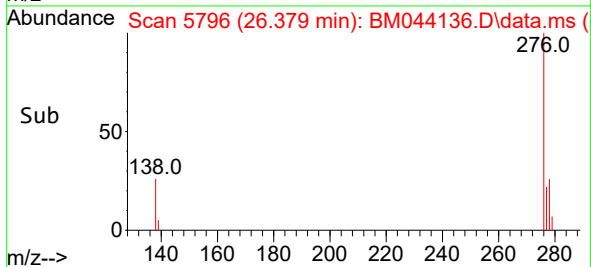
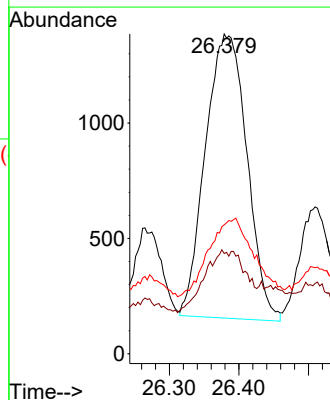
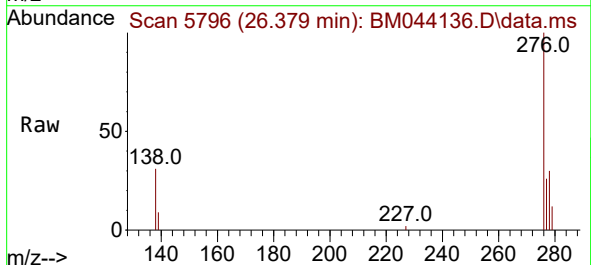
Instrument :
BNA_M
ClientSampleId :
C0FL6DL

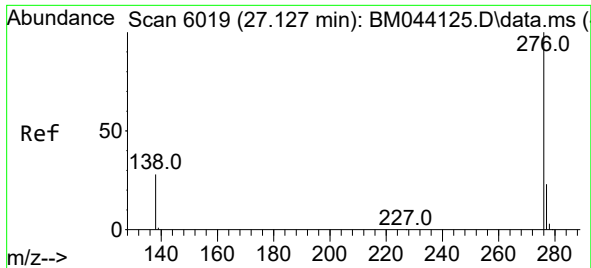
Tgt Ion:276 Resp: 19715
Ion Ratio Lower Upper
276 100
138 28.2 25.2 37.8
227 0.1 0.1 0.1



#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 26.379 min Scan# 5796
Delta R.T. -0.031 min
Lab File: BM044136.D
Acq: 16 Feb 2024 13:21

Tgt Ion:278 Resp: 5105
Ion Ratio Lower Upper
278 100
139 31.4 17.8 26.8#
279 40.3 21.8 32.8#





#29

Benzo(g,h,i)perylene

Concen: 0.207 ng/ul

RT: 27.123 min Scan# 6018

Delta R.T. -0.004 min

Lab File: BM044136.D

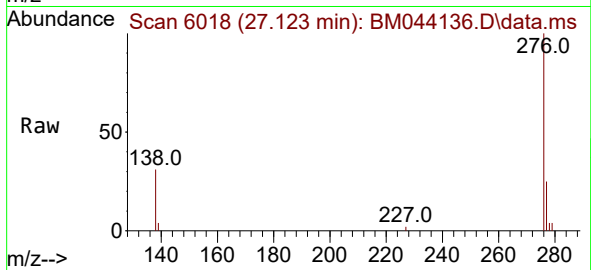
Acq: 16 Feb 2024 13:21

Instrument :

BNA_M

ClientSampleId :

C0FL6DL



Tgt Ion:276 Resp: 18014

Ion Ratio Lower Upper

276 100

138 31.3 22.7 34.1

277 25.0 19.0 28.6

