

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046644.D
 Acq On : 16 Jul 2024 21:56
 Operator : MA/JU
 Sample : P3177-24MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BS2MS

Quant Time: Jul 17 00:40:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

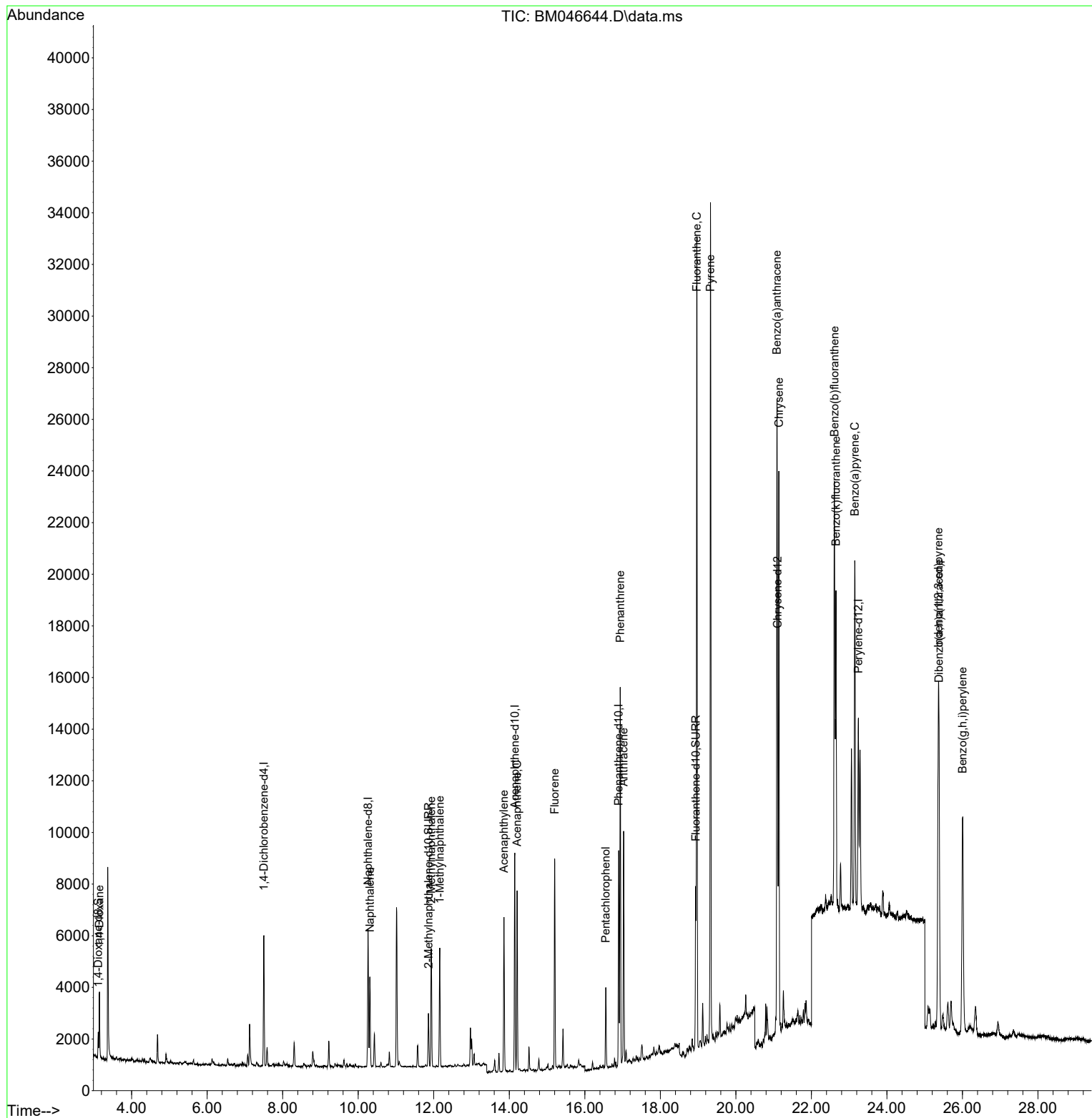
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	2518	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	7026	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	4691	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	10282	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	8022	0.400	ng/ul #	0.00
23) Perylene-d12	23.244	264	9075	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	573	0.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2646	0.234	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	7261	0.297	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.147	88	1584	0.717	ng/ul#	79
5) Naphthalene	10.310	128	4650	0.260	ng/ul	99
7) 2-Methylnaphthalene	11.932	142	3165	0.252	ng/ul	100
8) 1-Methylnaphthalene	12.157	142	3026	0.236	ng/ul	99
10) Acenaphthylene	13.859	152	6911	0.324	ng/ul	99
11) Acenaphthene	14.206	153	3867	0.270	ng/ul	98
12) Fluorene	15.201	166	5002	0.283	ng/ul	99
14) Pentachlorophenol	16.554	266	1980	0.380	ng/ul	99
15) Phenanthrene	16.939	178	15027	0.512	ng/ul	99
16) Anthracene	17.027	178	9448	0.330	ng/ul	97
19) Fluoranthene	18.965	202	28466	0.864	ng/ul#	98
20) Pyrene	19.327	202	29979	0.840	ng/ul	98
21) Benzo(a)anthracene	21.087	228	18794	0.530	ng/ul	95
22) Chrysene	21.140	228	20139	0.586	ng/ul	97
24) Benzo(b)fluoranthene	22.610	252	22956	0.633	ng/ul	96
25) Benzo(k)fluoranthene	22.650	252	14257	0.401	ng/ul#	89
26) Benzo(a)pyrene	23.147	252	18644	0.625	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.363	276	19245	0.424	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	10747	0.299	ng/ul#	88
29) Benzo(g,h,i)perylene	26.003	276	17030	0.470	ng/ul	98

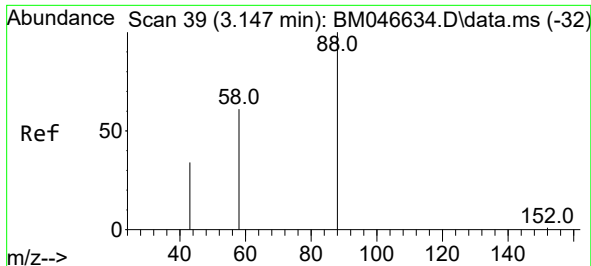
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 00:40:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

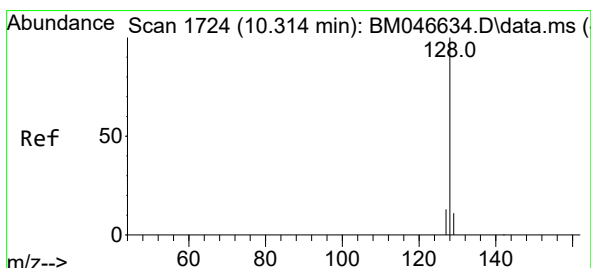
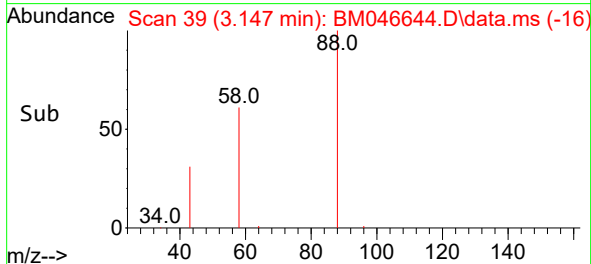
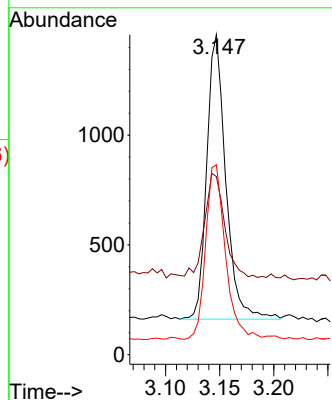
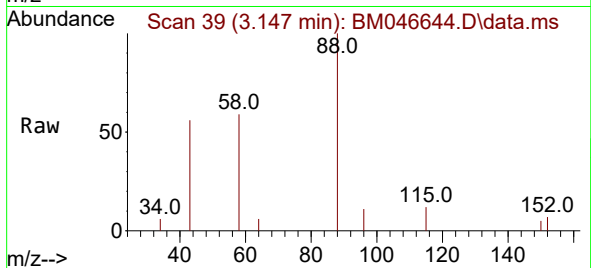




#2
1,4-Dioxane
Concen: 0.717 ng/ul
RT: 3.147 min Scan# 39
Delta R.T. -0.005 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

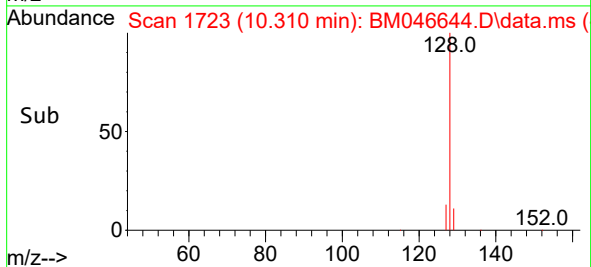
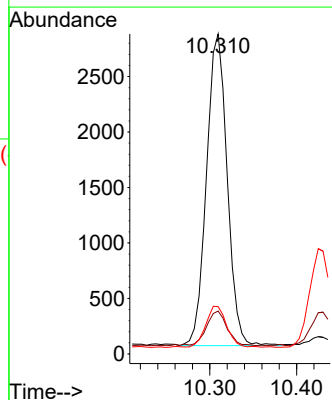
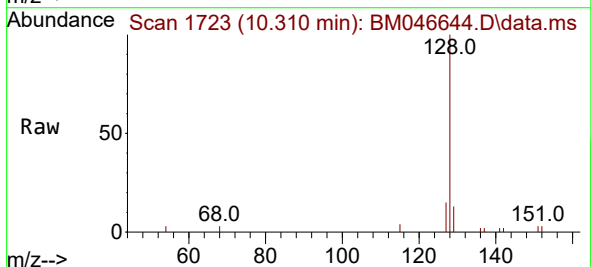
Instrument :
BNA_M
ClientSampleId :
A4BS2MS

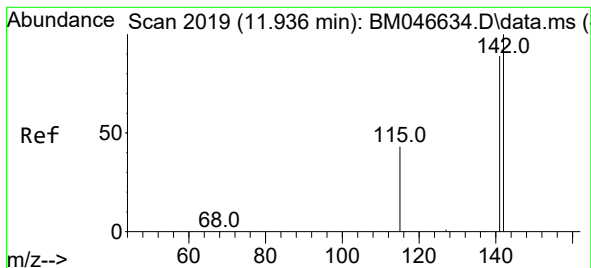
Tgt Ion: 88 Resp: 1584
Ion Ratio Lower Upper
88 100
43 55.6 70.2 105.4#
58 59.3 48.2 72.4



#5
Naphthalene
Concen: 0.260 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

Tgt Ion: 128 Resp: 4650
Ion Ratio Lower Upper
128 100
129 13.4 10.3 15.5
127 14.8 12.2 18.4

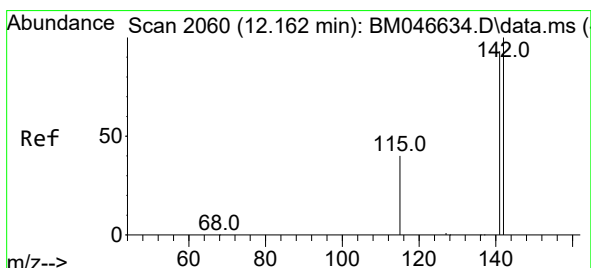
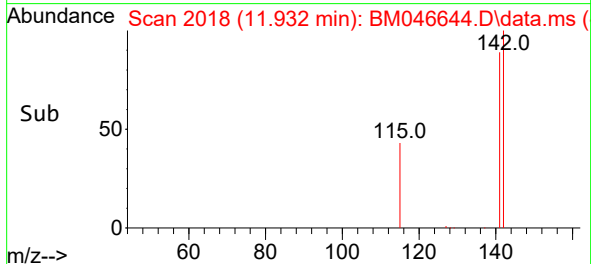
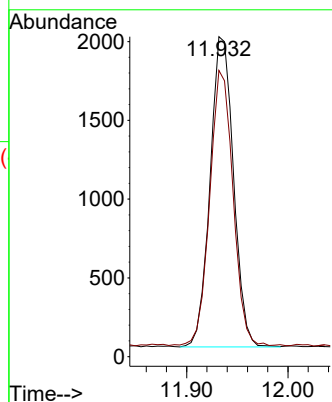
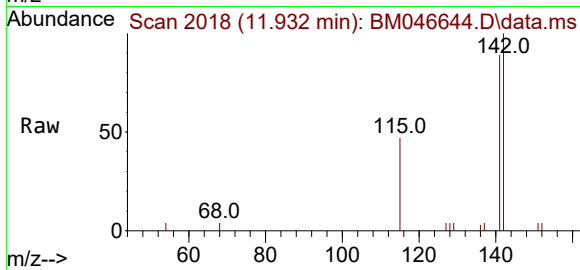




#7
2-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

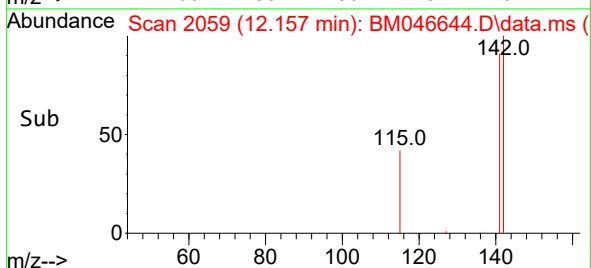
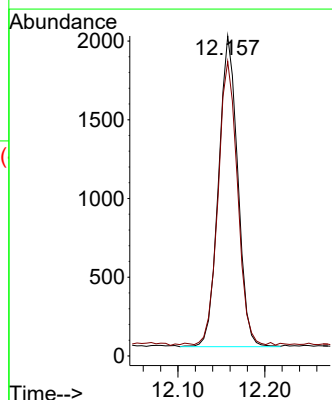
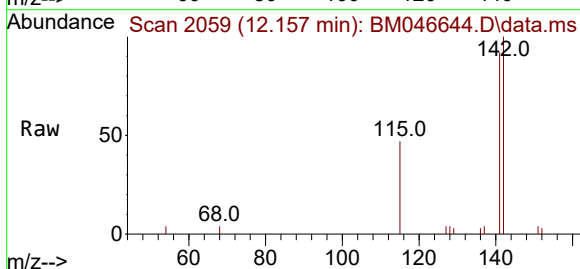
Instrument :
BNA_M
ClientSampleId :
A4BS2MS

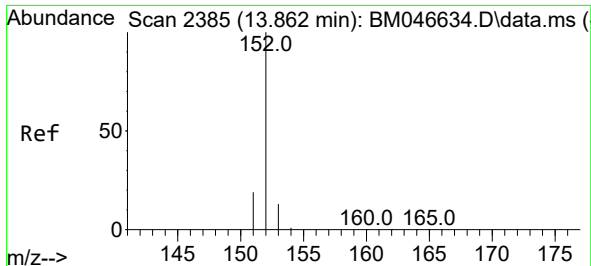
Tgt Ion:142 Resp: 3165
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.236 ng/ul
RT: 12.157 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

Tgt Ion:142 Resp: 3026
Ion Ratio Lower Upper
142 100
141 93.1 73.9 110.9

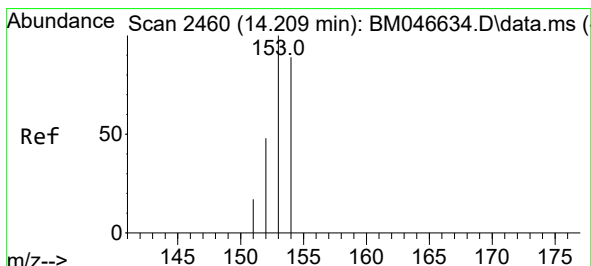
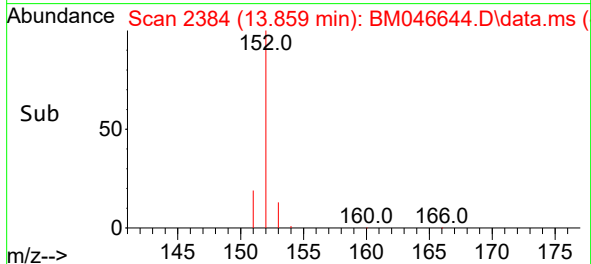
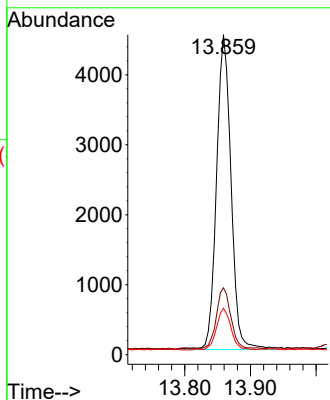
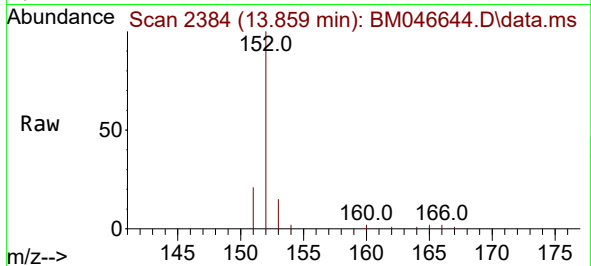




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 13.859 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

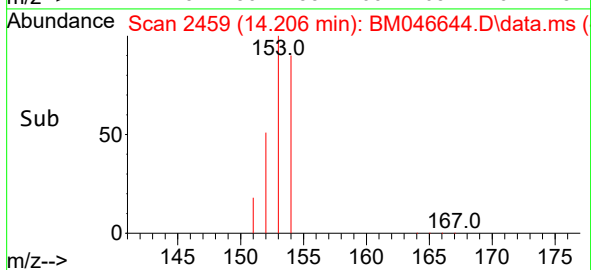
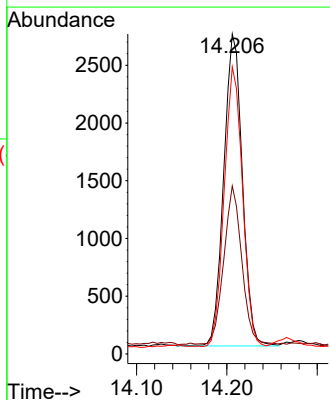
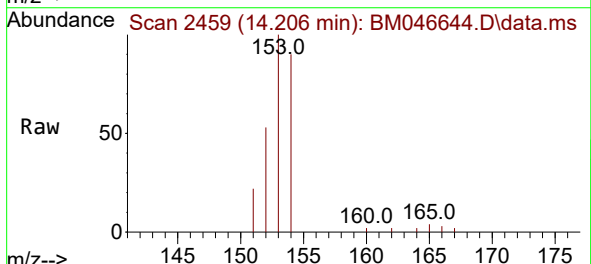
Instrument :
BNA_M
ClientSampleId :
A4BS2MS

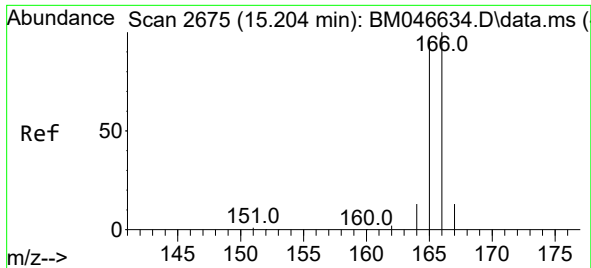
Tgt Ion:	152	Resp:	6911
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.4	24.6
153	14.5	12.4	18.6



#11
Acenaphthene
Concen: 0.270 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

Tgt Ion:	153	Resp:	3867
Ion Ratio	Lower	Upper	
153	100		
152	52.5	43.0	64.6
154	89.7	69.9	104.9

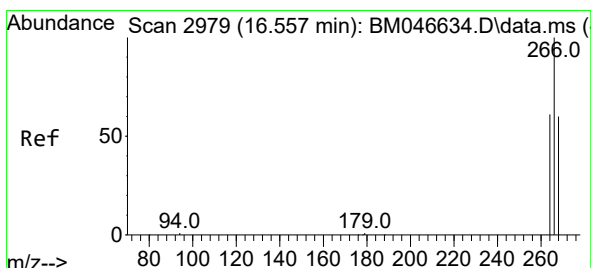
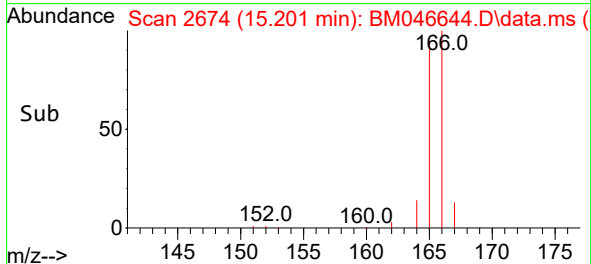
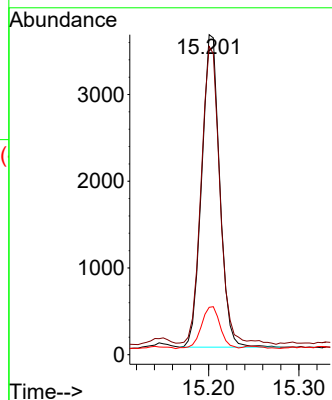
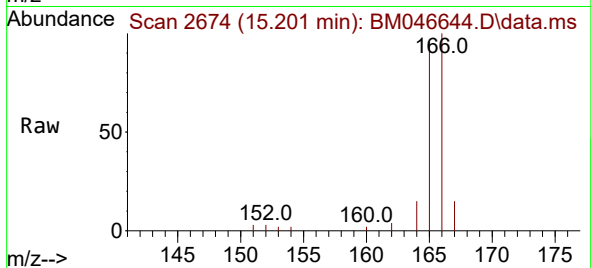




#12
 Fluorene
 Concen: 0.283 ng/ul
 RT: 15.201 min Scan# 2
 Delta R.T. -0.005 min
 Lab File: BM046644.D
 Acq: 16 Jul 2024 21:56

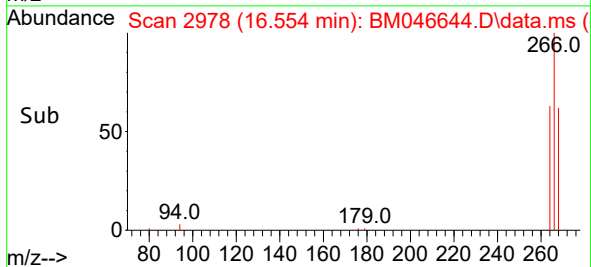
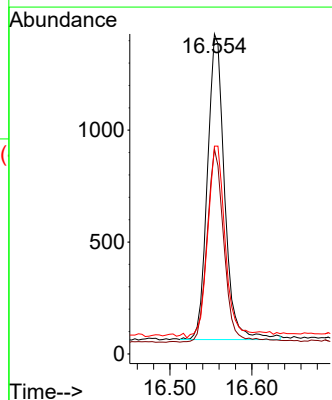
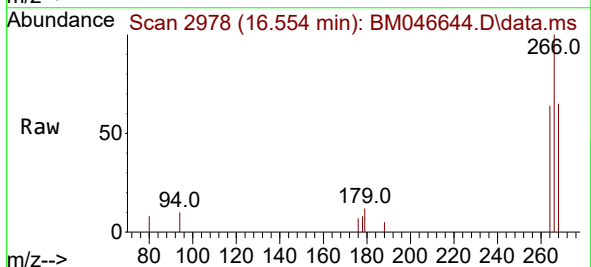
Instrument :
 BNA_M
 ClientSampleId :
 A4BS2MS

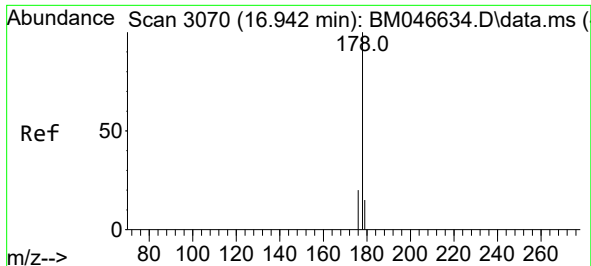
Tgt Ion:166 Resp: 5002
 Ion Ratio Lower Upper
 166 100
 165 96.3 76.1 114.1
 167 14.8 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.380 ng/ul
 RT: 16.554 min Scan# 2978
 Delta R.T. -0.000 min
 Lab File: BM046644.D
 Acq: 16 Jul 2024 21:56

Tgt Ion:266 Resp: 1980
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.1 75.1
 268 66.6 52.5 78.7

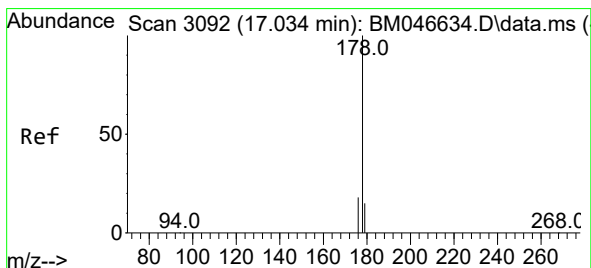
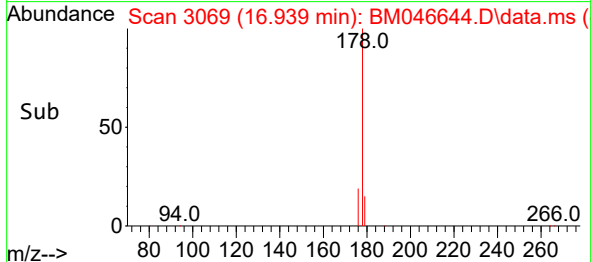
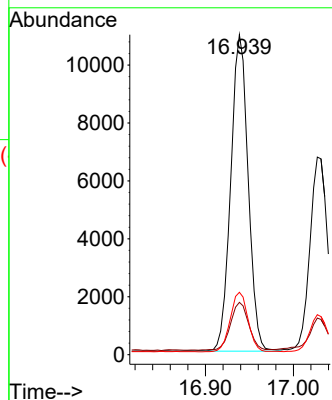
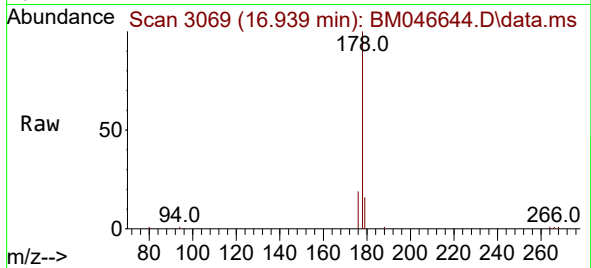




#15
Phenanthrene
Concen: 0.512 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

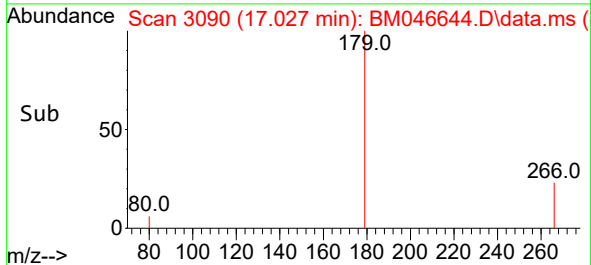
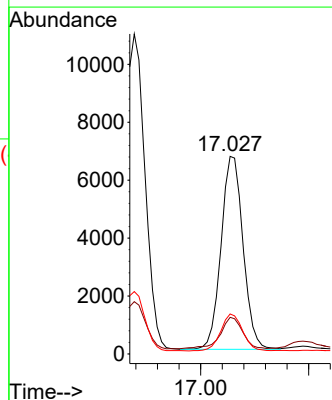
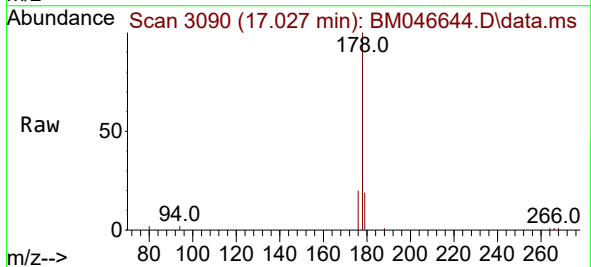
Instrument :
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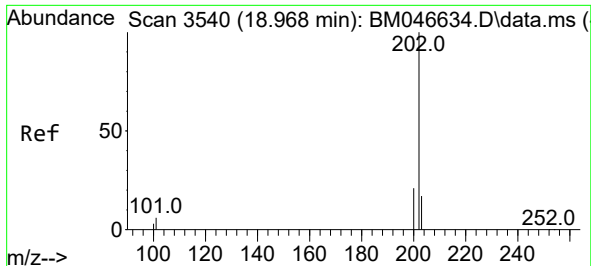
Tgt Ion:178 Resp: 15027
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.330 ng/ul
RT: 17.027 min Scan# 3090
Delta R.T. -0.005 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

Tgt Ion:178 Resp: 9448
Ion Ratio Lower Upper
178 100
179 18.6 13.5 20.3
176 20.2 15.7 23.5

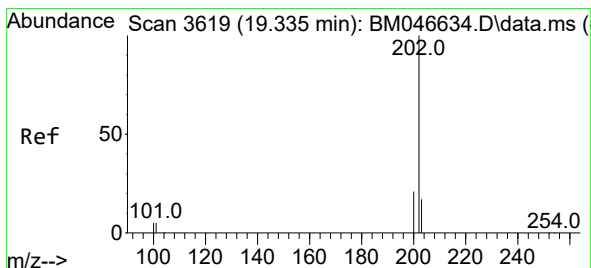
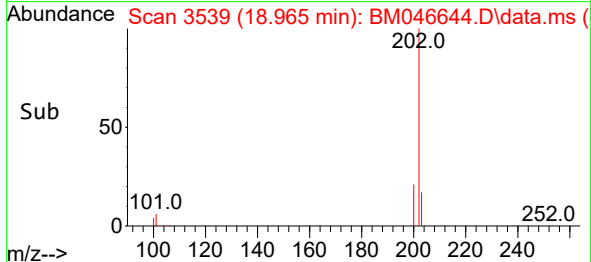
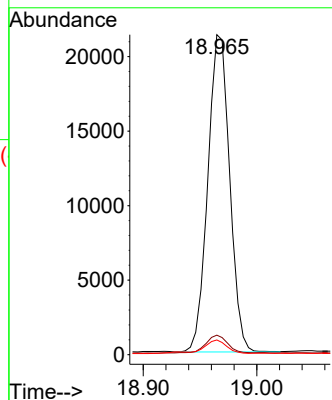
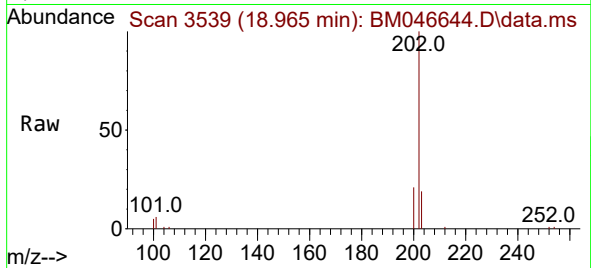




#19
Fluoranthene
Concen: 0.864 ng/ul
RT: 18.965 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

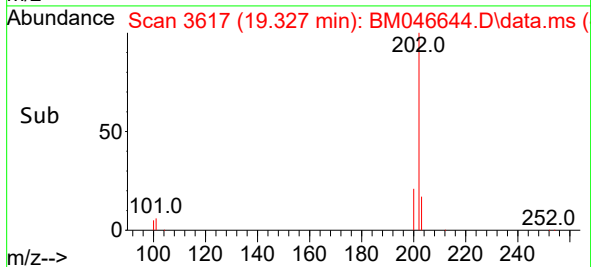
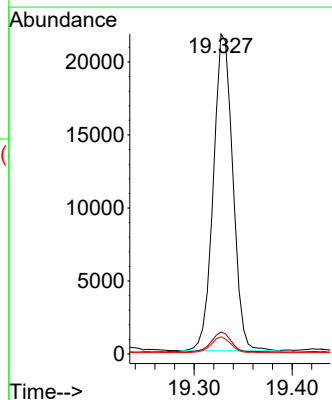
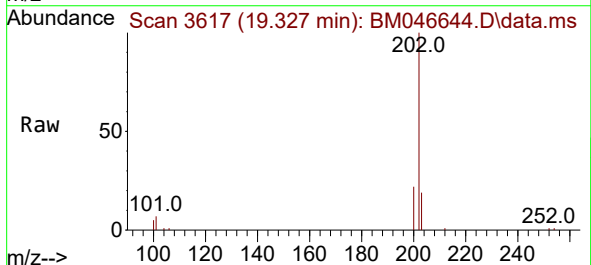
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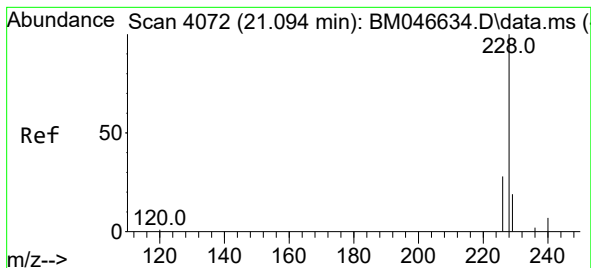
Tgt Ion:202 Resp: 28466
Ion Ratio Lower Upper
202 100
101 6.1 4.6 6.8
100 4.6 3.0 4.6#



#20
Pyrene
Concen: 0.840 ng/ul
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046644.D
Acq: 16 Jul 2024 21:56

Tgt Ion:202 Resp: 29979
Ion Ratio Lower Upper
202 100
101 6.9 5.1 7.7
100 5.4 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.530 ng/ul

RT: 21.087 min Scan# 4070

Delta R.T. -0.000 min

Lab File: BM046644.D

Acq: 16 Jul 2024 21:56

Instrument :

BNA_M

ClientSampleId :

A4BS2MS

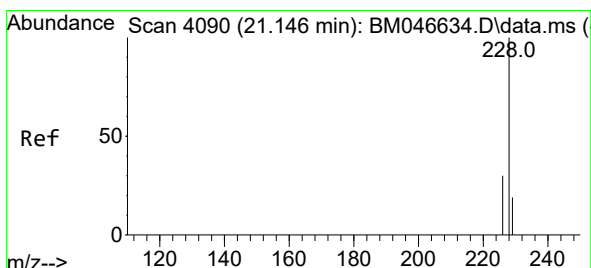
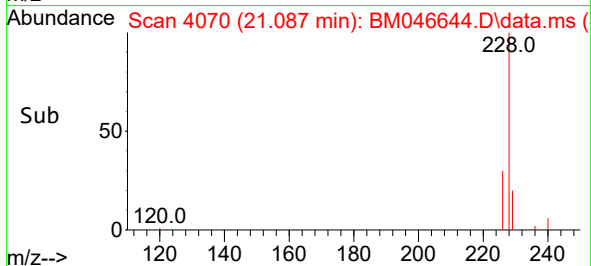
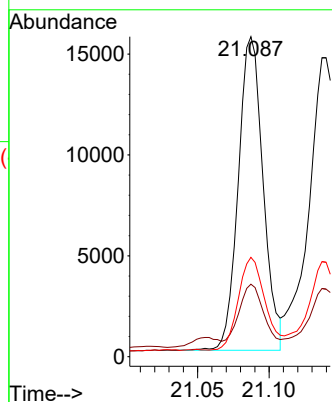
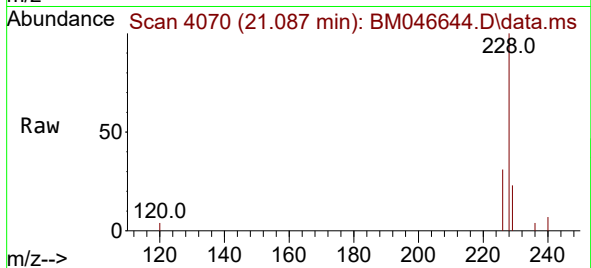
Tgt Ion:228 Resp: 18794

Ion Ratio Lower Upper

228 100

229 22.7 16.5 24.7

226 31.0 22.5 33.7



#22

Chrysene

Concen: 0.586 ng/ul

RT: 21.140 min Scan# 4088

Delta R.T. -0.000 min

Lab File: BM046644.D

Acq: 16 Jul 2024 21:56

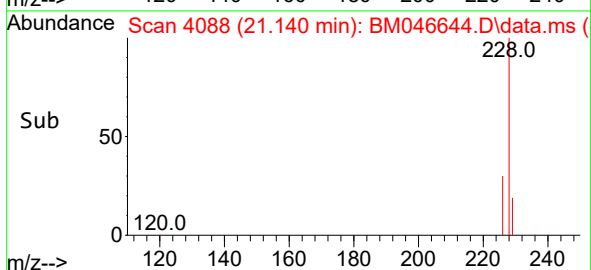
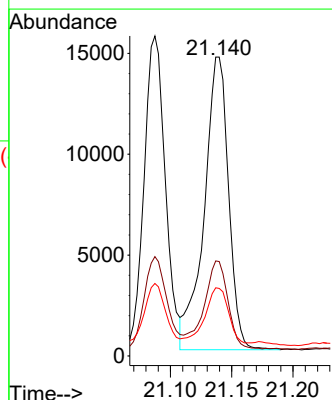
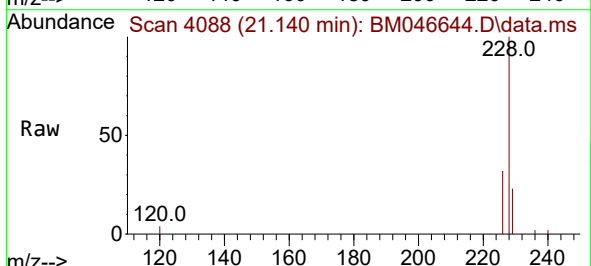
Tgt Ion:228 Resp: 20139

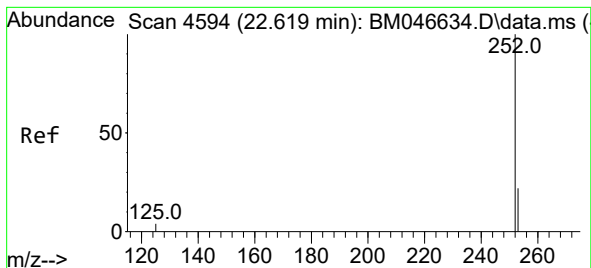
Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 22.6 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.633 ng/ul

RT: 22.610 min Scan# 4591

Delta R.T. -0.000 min

Lab File: BM046644.D

Acq: 16 Jul 2024 21:56

Instrument :

BNA_M

ClientSampleId :

A4BS2MS

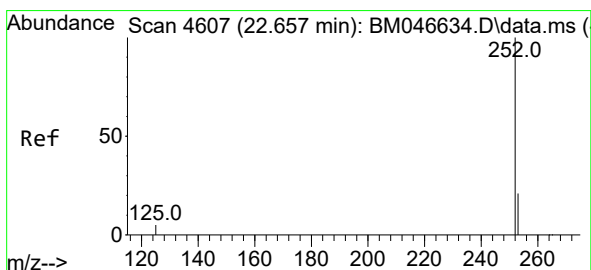
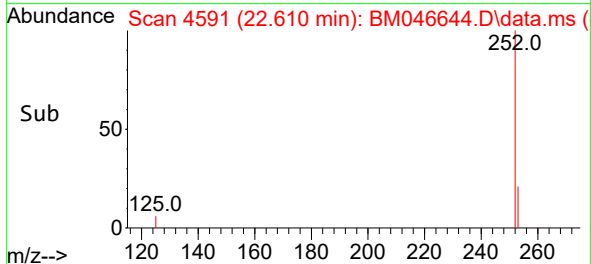
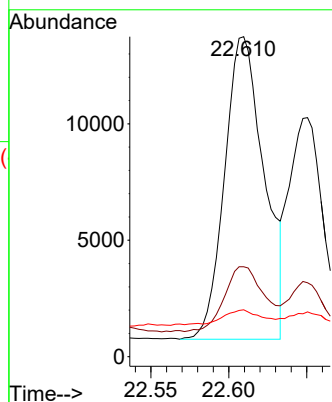
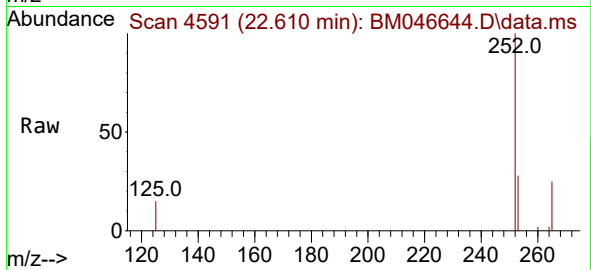
Tgt Ion:252 Resp: 22956

Ion Ratio Lower Upper

252 100

253 28.1 0.0 56.2

125 14.6 0.0 17.8



#25

Benzo(k)fluoranthene

Concen: 0.401 ng/ul

RT: 22.650 min Scan# 4605

Delta R.T. -0.000 min

Lab File: BM046644.D

Acq: 16 Jul 2024 21:56

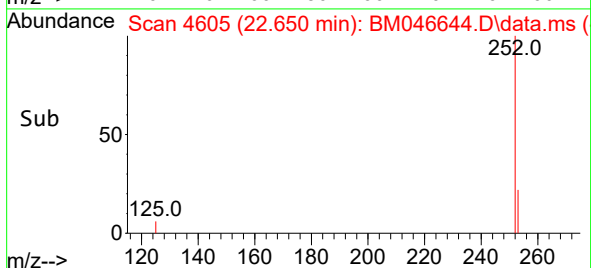
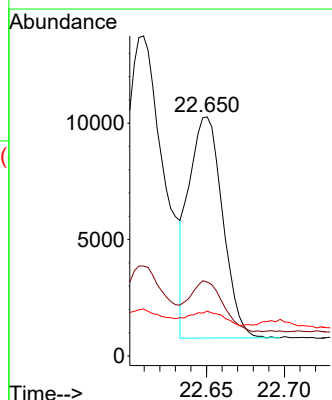
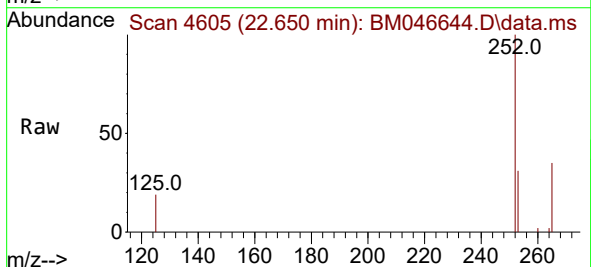
Tgt Ion:252 Resp: 14257

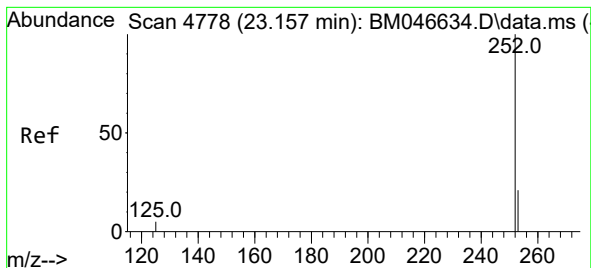
Ion Ratio Lower Upper

252 100

253 30.9 22.4 33.6

125 18.7 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.625 ng/ul

RT: 23.147 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046644.D

Acq: 16 Jul 2024 21:56

Instrument :

BNA_M

ClientSampleId :

A4BS2MS

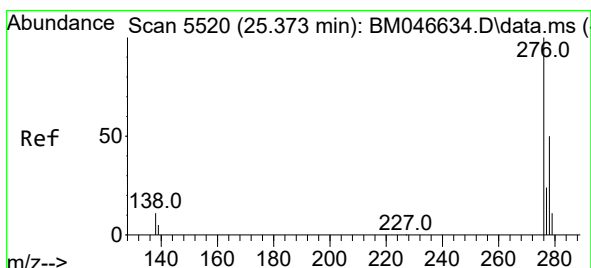
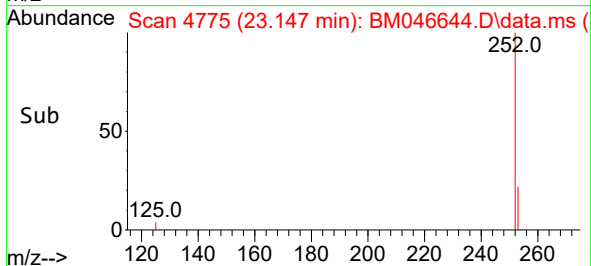
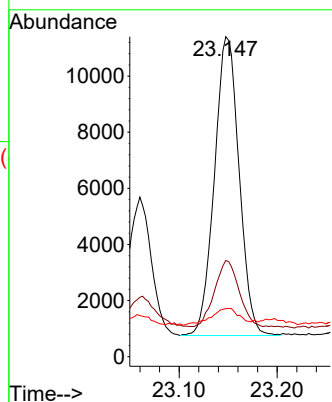
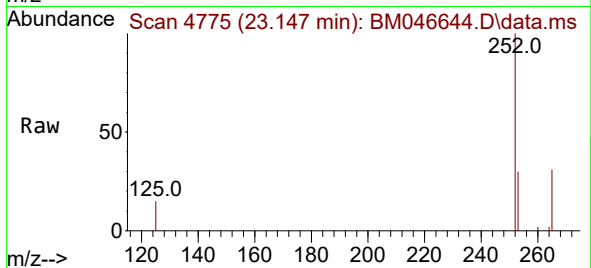
Tgt Ion:252 Resp: 18644

Ion Ratio Lower Upper

252 100

253 30.0 24.0 36.0

125 15.0 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.424 ng/ul

RT: 25.363 min Scan# 5517

Delta R.T. 0.003 min

Lab File: BM046644.D

Acq: 16 Jul 2024 21:56

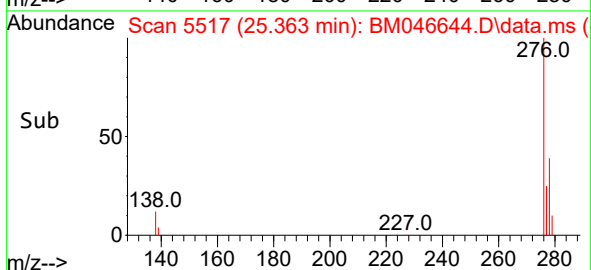
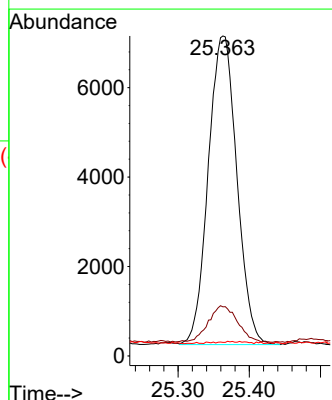
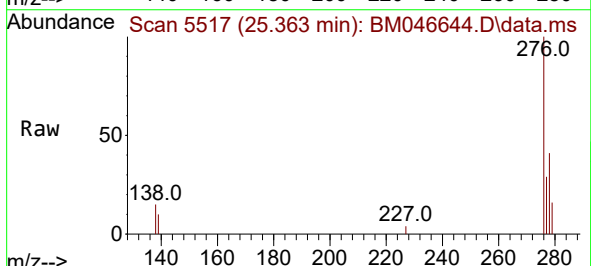
Tgt Ion:276 Resp: 19245

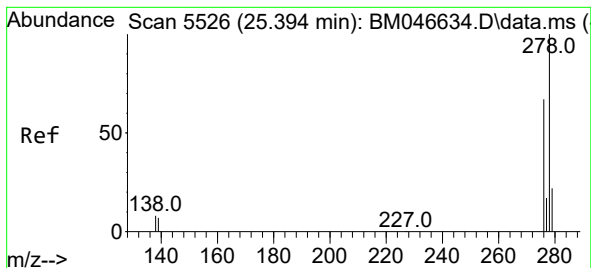
Ion Ratio Lower Upper

276 100

138 12.0 0.0 0.0#

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.299 ng/ul

RT: 25.380 min Scan# 51

Delta R.T. -0.004 min

Lab File: BM046644.D

Acq: 16 Jul 2024 21:56

Instrument :

BNA_M

ClientSampleId :

A4BS2MS

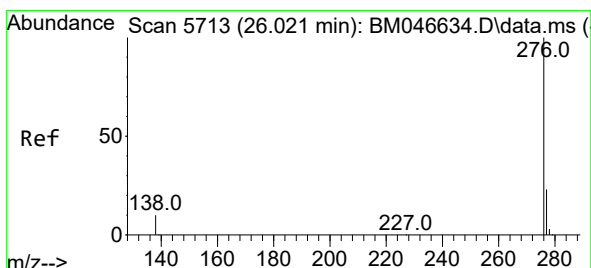
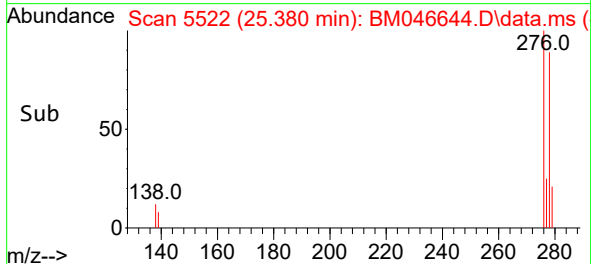
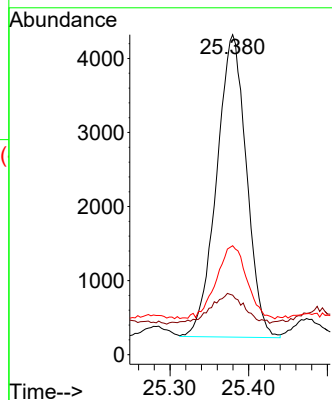
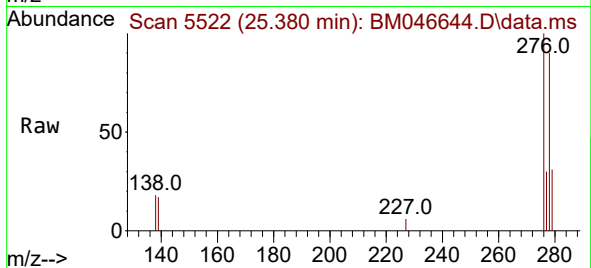
Tgt Ion:278 Resp: 10747

Ion Ratio Lower Upper

278 100

139 18.6 9.1 13.7#

279 34.0 23.2 34.8



#29

Benzo(g,h,i)perylene

Concen: 0.470 ng/ul

RT: 26.003 min Scan# 5708

Delta R.T. -0.000 min

Lab File: BM046644.D

Acq: 16 Jul 2024 21:56

Tgt Ion:276 Resp: 17030

Ion Ratio Lower Upper

276 100

138 14.6 10.2 15.4

277 26.8 20.9 31.3

