

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046805.D
 Acq On : 25 Jul 2024 18:24
 Operator : MA/JU
 Sample : P3263-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA0

Quant Time: Jul 26 00:29:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

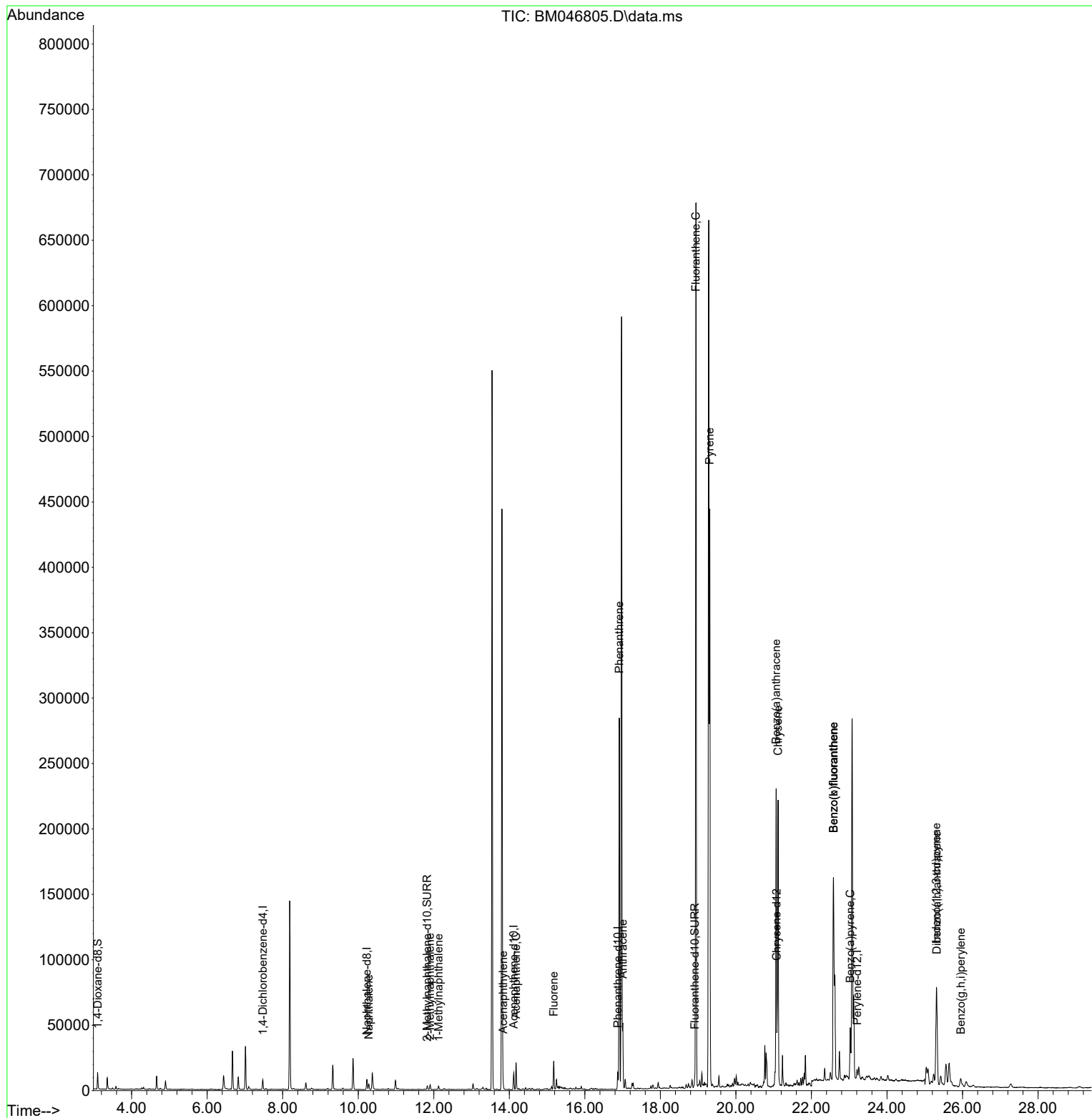
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	3626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.231	136	10597	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	6886	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	16055	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	9636	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	8851	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	7898	3.111	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3638	0.216	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	9421	0.300	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.275	128	5855	0.218	ng/ul	100
7) 2-Methylnaphthalene	11.903	142	2388	0.129	ng/ul	99
8) 1-Methylnaphthalene	12.129	142	1883	0.099	ng/ul	98
10) Acenaphthylene	13.835	152	6916	0.219	ng/ul	98
11) Acenaphthene	14.177	153	11684	0.546	ng/ul	98
12) Fluorene	15.176	166	13190	0.493	ng/ul	98
15) Phenanthrene	16.912	178	291054	6.307	ng/ul	98
16) Anthracene	17.005	178	48602	1.131	ng/ul	99
19) Fluoranthene	18.940	202	611012	14.438	ng/ul	99
20) Pyrene	19.308	202	392833	8.973	ng/ul	99
21) Benzo(a)anthracene	21.064	228	190097	4.734	ng/ul	99
22) Chrysene	21.117	228	205860	5.047	ng/ul	98
24) Benzo(b)fluoranthene	22.584	252	332308	8.552	ng/ul	92
25) Benzo(k)fluoranthene	22.584	252	332308	8.486	ng/ul#	88
26) Benzo(a)pyrene	23.028	252	52759	1.891	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.310	276	110076	2.564	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.320	278	32914	1.047	ng/ul#	97
29) Benzo(g,h,i)perylene	25.954	276	14114	0.373	ng/ul#	91

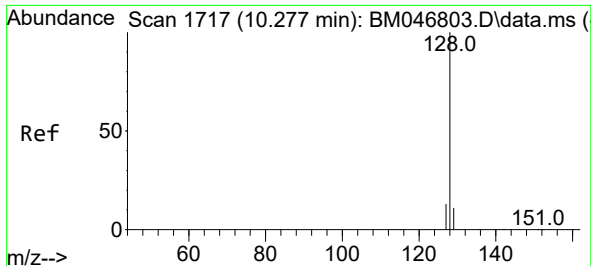
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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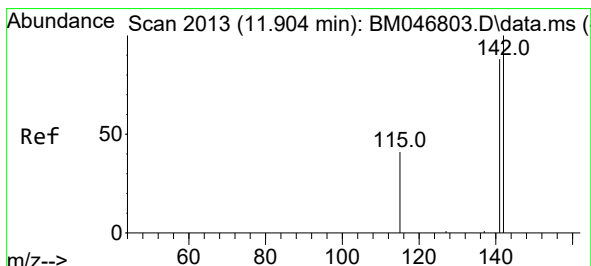
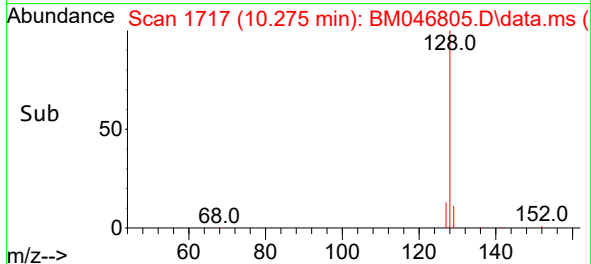
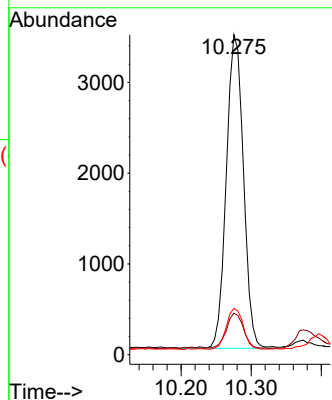
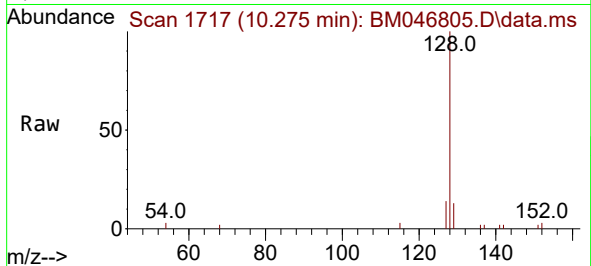




#5
Naphthalene
Concen: 0.218 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

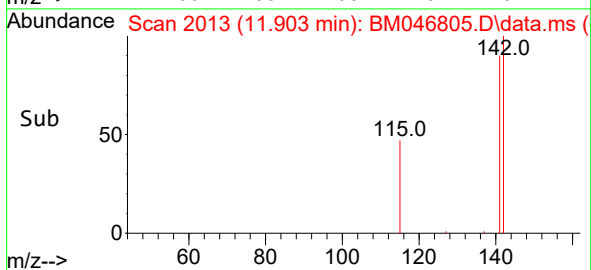
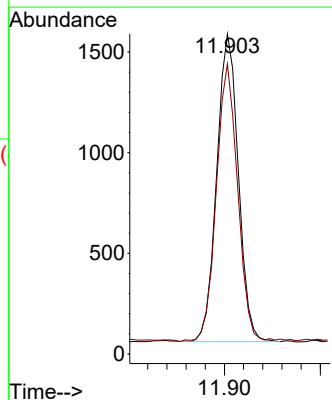
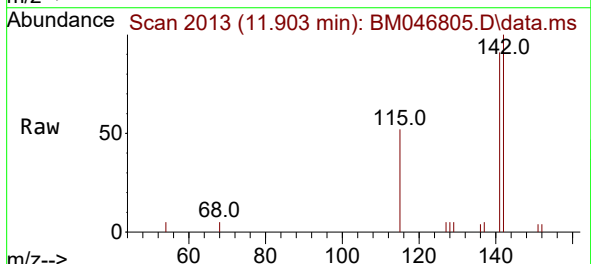
Instrument :
BNA_M
ClientSampleId :
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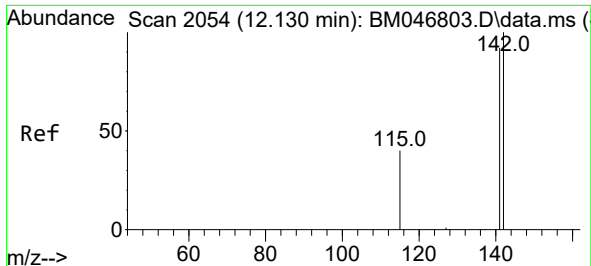
Tgt Ion:128 Resp: 5855
Ion Ratio Lower Upper
128 100
129 13.0 10.1 15.1
127 14.4 11.5 17.3



#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

Tgt Ion:142 Resp: 2388
Ion Ratio Lower Upper
142 100
141 89.4 70.5 105.7

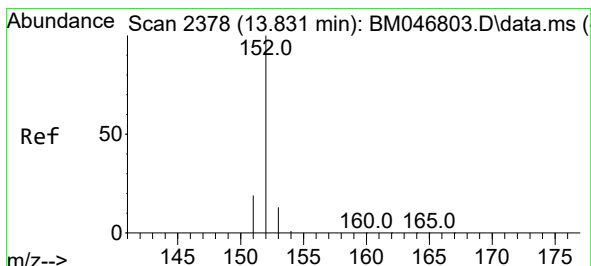
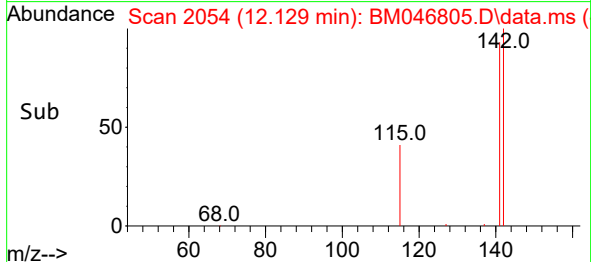
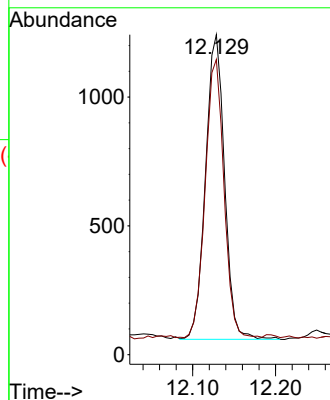
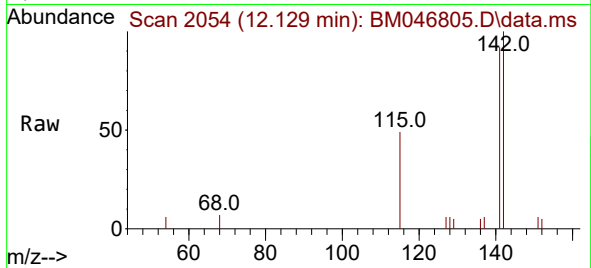




#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

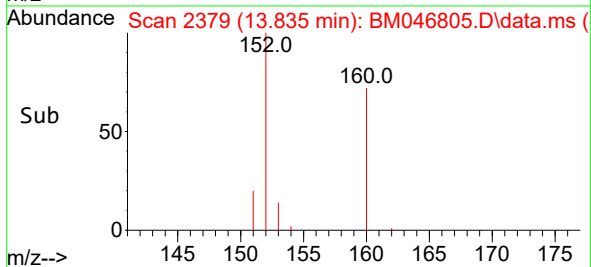
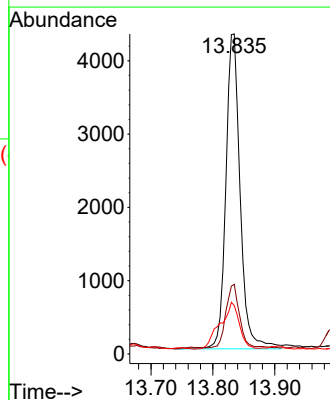
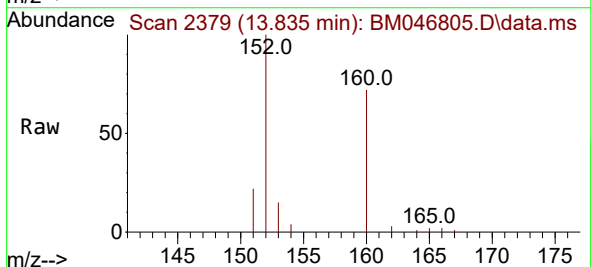
Instrument :
BNA_M
ClientSampleId :
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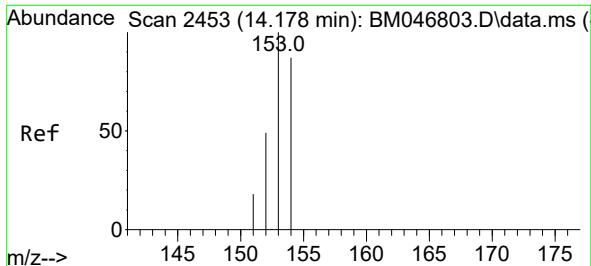
Tgt Ion:142 Resp: 1883
Ion Ratio Lower Upper
142 100
141 89.5 73.1 109.7



#10
Acenaphthylene
Concen: 0.219 ng/ul
RT: 13.835 min Scan# 2379
Delta R.T. 0.003 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

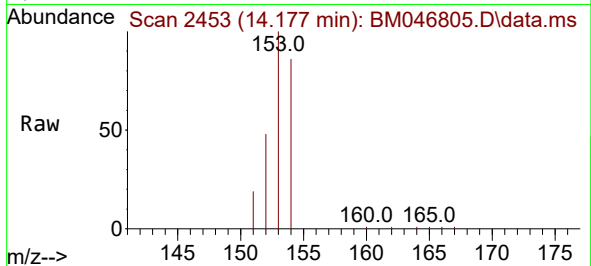
Tgt Ion:152 Resp: 6916
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2
153 15.1 11.0 16.6



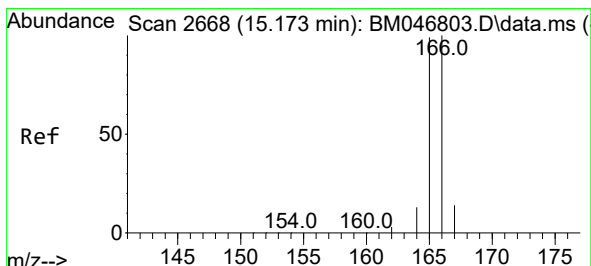
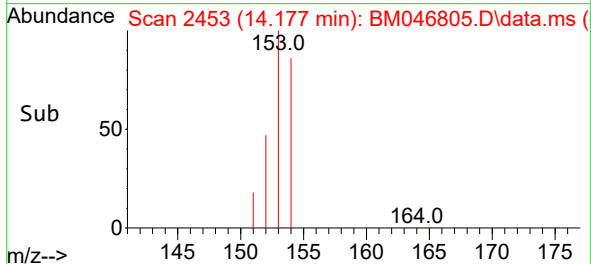
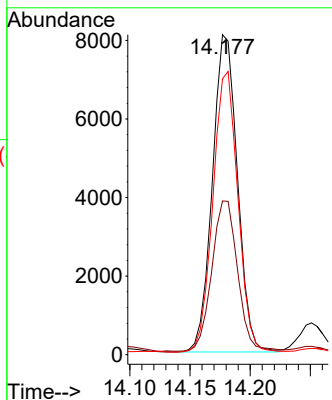


#11
Acenaphthene
Concen: 0.546 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

Instrument :
BNA_M
ClientSampleId :
A4BA0

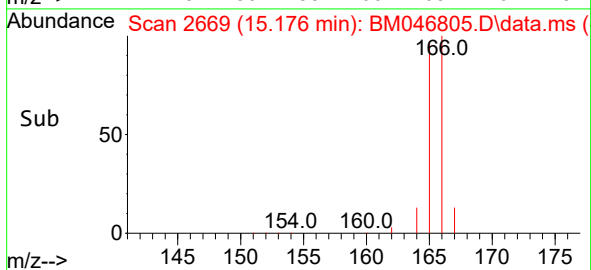
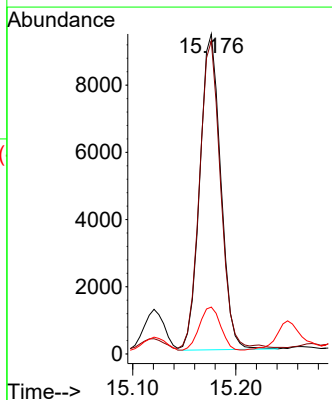
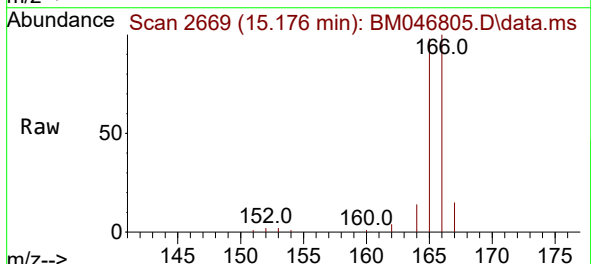


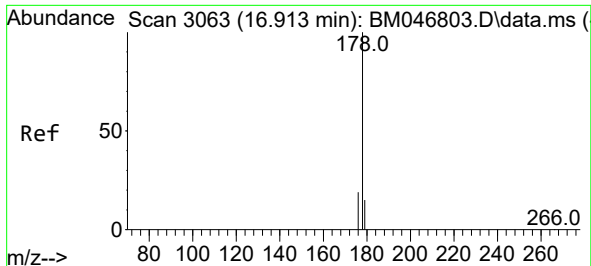
Tgt Ion:153 Resp: 11684
Ion Ratio Lower Upper
153 100
152 48.1 38.6 57.8
154 86.2 70.8 106.2



#12
Fluorene
Concen: 0.493 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

Tgt Ion:166 Resp: 13190
Ion Ratio Lower Upper
166 100
165 97.8 79.8 119.6
167 14.7 12.3 18.5

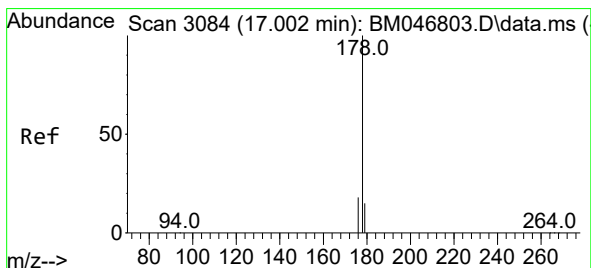
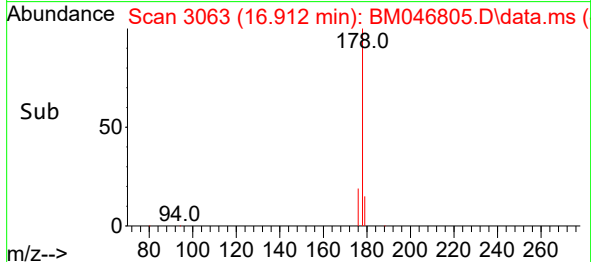
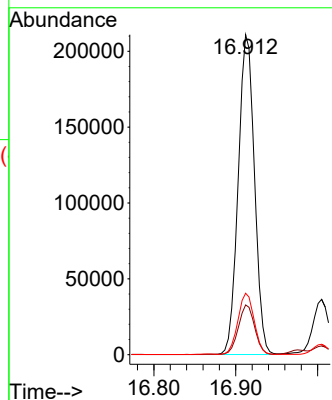
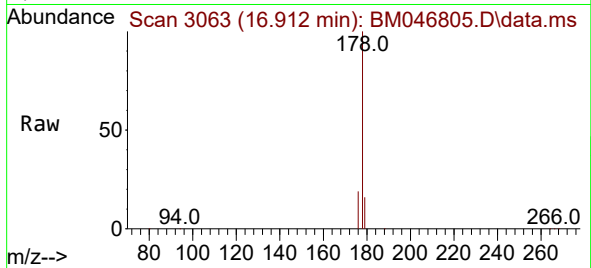




#15
Phenanthrene
Concen: 6.307 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

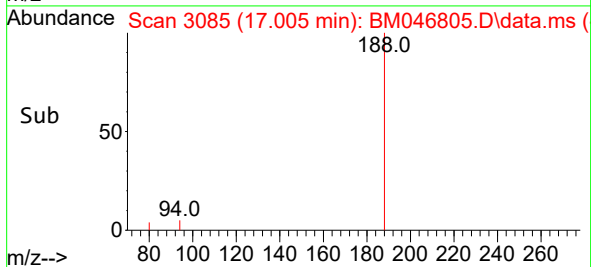
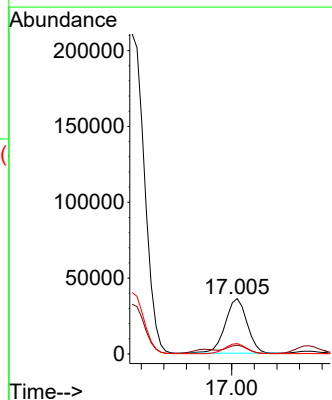
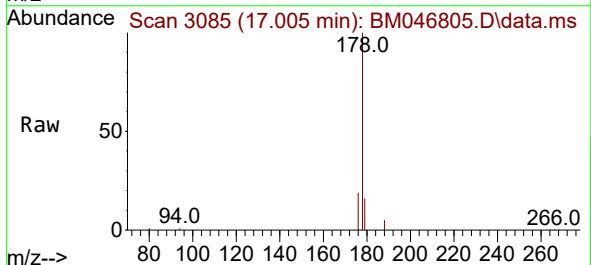
Instrument :
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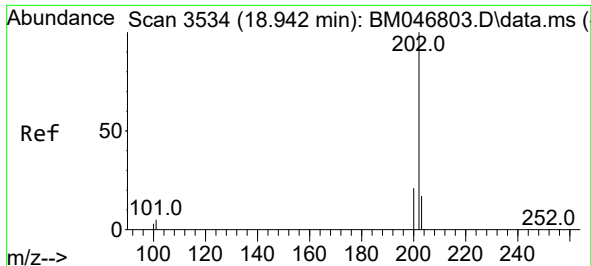
Tgt Ion:178 Resp: 291054
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.2 16.1 24.1



#16
Anthracene
Concen: 1.131 ng/ul
RT: 17.005 min Scan# 3085
Delta R.T. -0.001 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

Tgt Ion:178 Resp: 48602
Ion Ratio Lower Upper
178 100
179 15.8 13.1 19.7
176 18.7 15.0 22.6

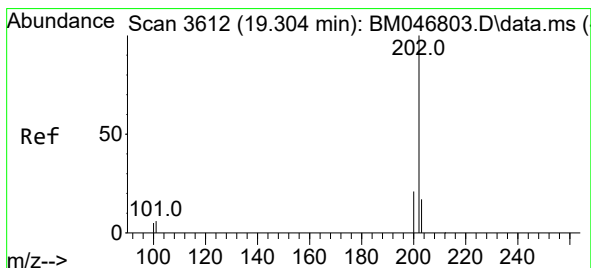
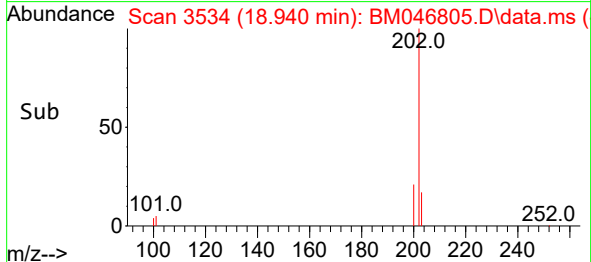
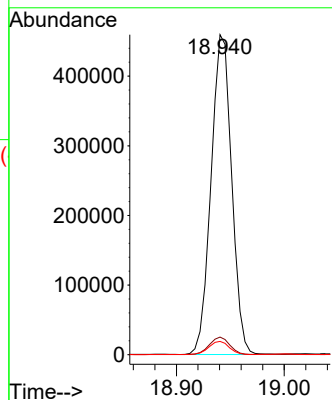
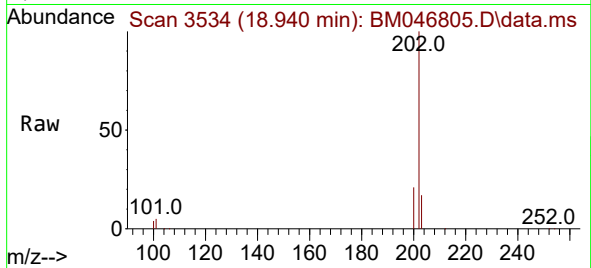




#19
Fluoranthene
Concen: 14.438 ng/ul
RT: 18.940 min Scan# 31
Delta R.T. -0.001 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

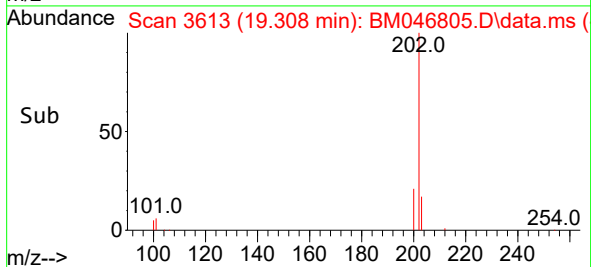
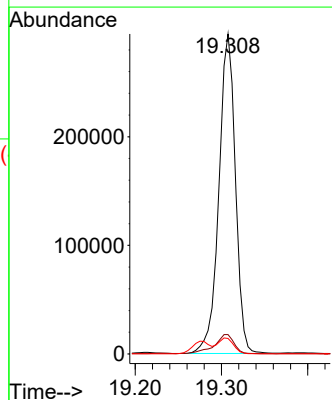
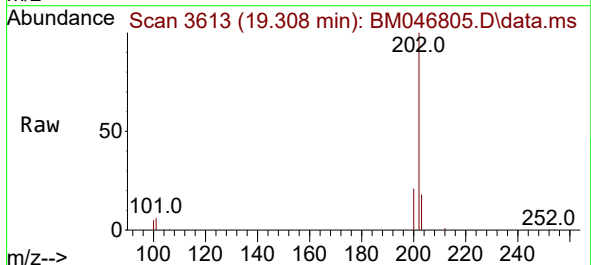
Instrument :
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ClientSampleId :
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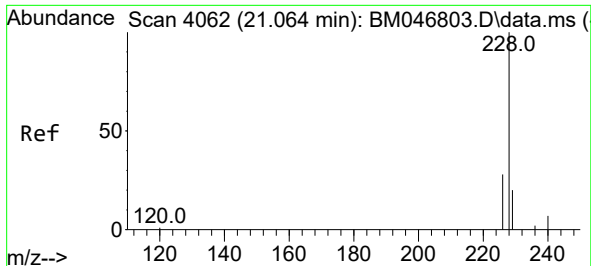
Tgt Ion:202 Resp: 611012
Ion Ratio Lower Upper
202 100
101 5.5 4.7 7.1
100 4.2 3.4 5.2



#20
Pyrene
Concen: 8.973 ng/ul
RT: 19.308 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

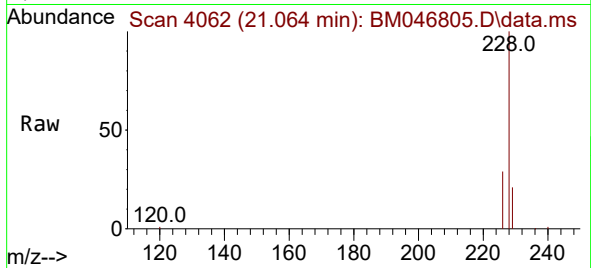
Tgt Ion:202 Resp: 392833
Ion Ratio Lower Upper
202 100
101 6.0 5.2 7.8
100 4.8 4.3 6.5



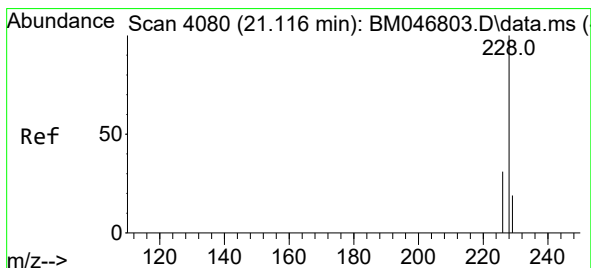
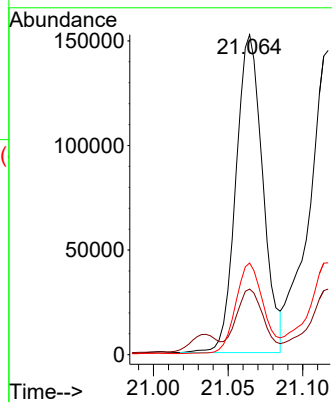
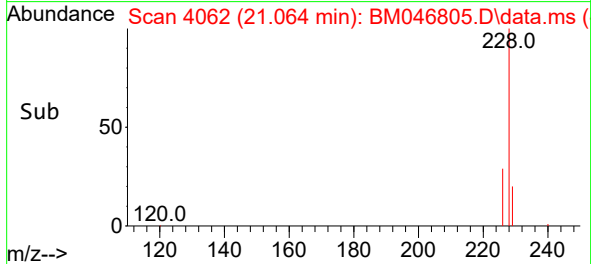


#21
Benzo(a)anthracene
Concen: 4.734 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

Instrument :
BNA_M
ClientSampleId :
A4BA0

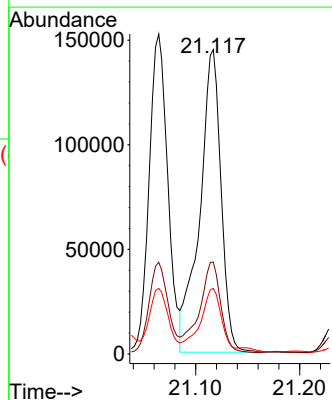
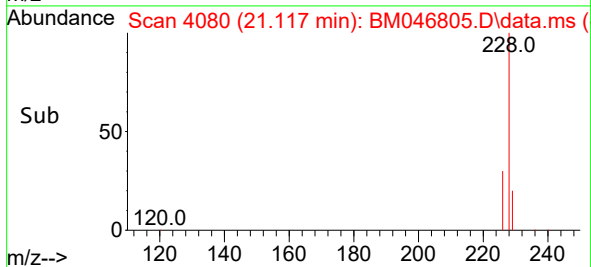
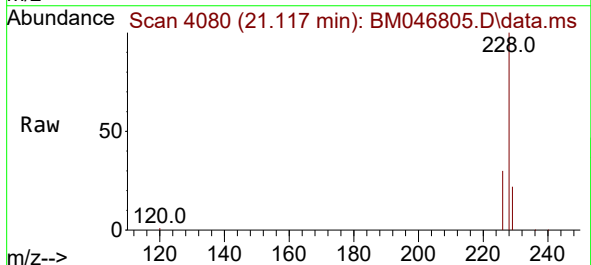


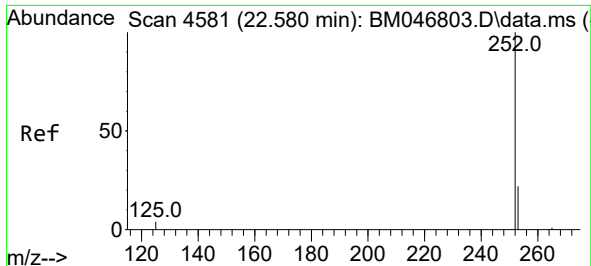
Tgt Ion:228 Resp: 190097
Ion Ratio Lower Upper
228 100
229 20.5 16.3 24.5
226 28.7 22.3 33.5



#22
Chrysene
Concen: 5.047 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

Tgt Ion:228 Resp: 205860
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 21.6 16.2 24.2

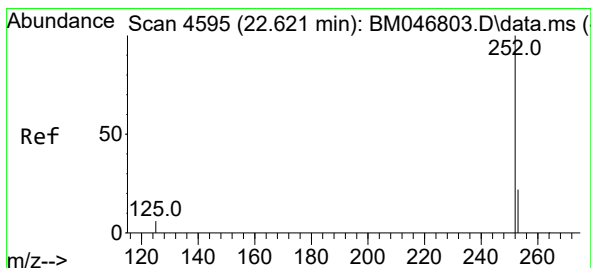
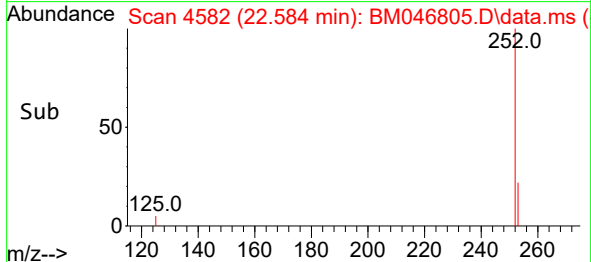
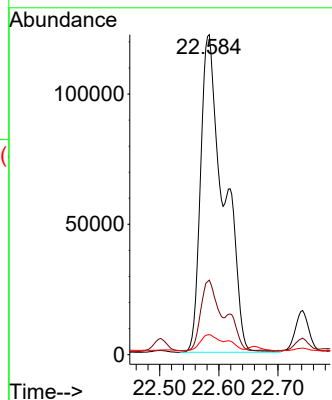
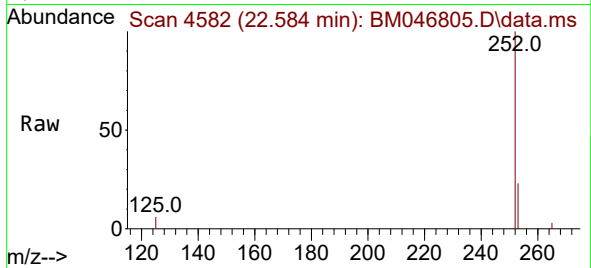




#24
Benzo(b)fluoranthene
Concen: 8.552 ng/ul
RT: 22.584 min Scan# 4581
Delta R.T. 0.003 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

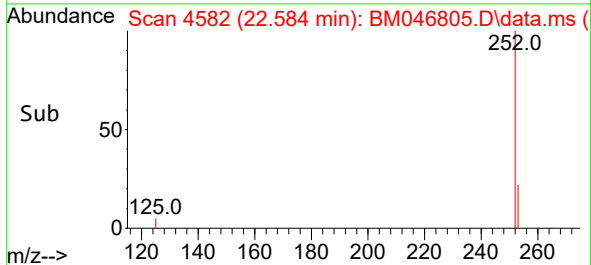
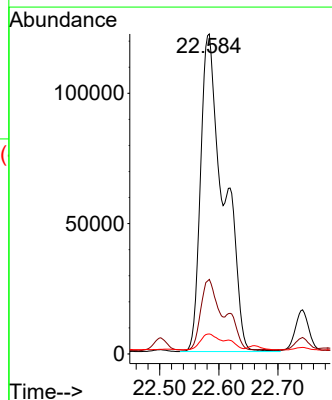
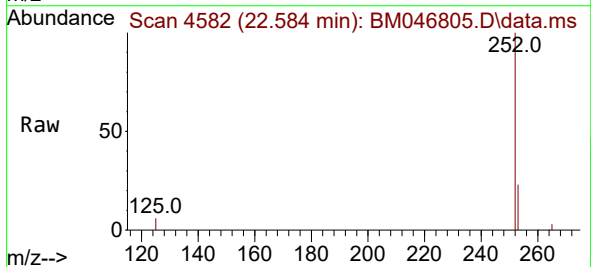
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ClientSampleId :
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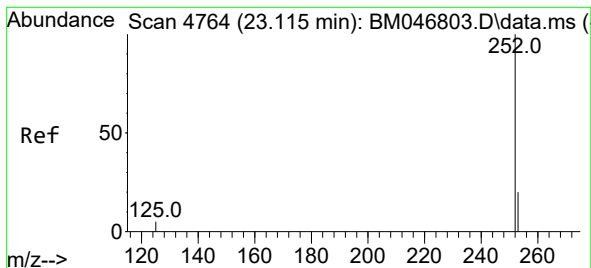
Tgt Ion:252 Resp: 332308
Ion Ratio Lower Upper
252 100
253 23.3 0.0 56.4
125 6.3 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 8.486 ng/ul
RT: 22.584 min Scan# 4582
Delta R.T. -0.038 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

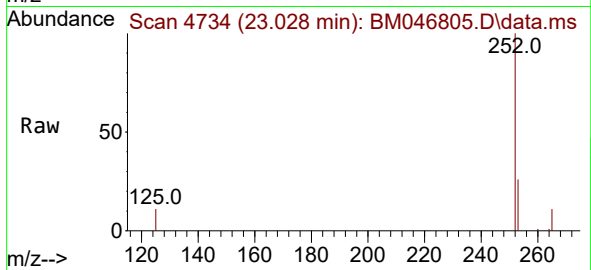
Tgt Ion:252 Resp: 332308
Ion Ratio Lower Upper
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253 23.3 23.5 35.3#
125 6.3 8.6 13.0#



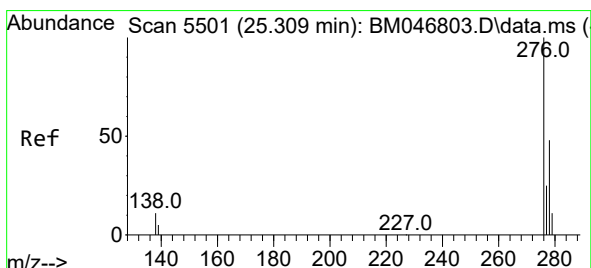
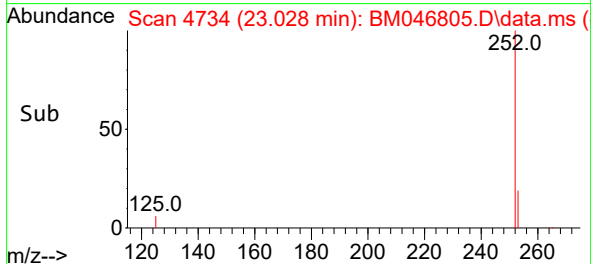
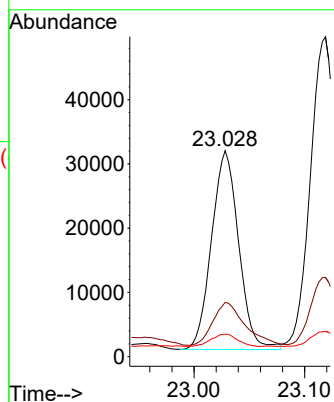


#26
Benzo(a)pyrene
Concen: 1.891 ng/ul
RT: 23.028 min Scan# 4764
Delta R.T. -0.090 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

Instrument :
BNA_M
ClientSampleId :
A4BA0

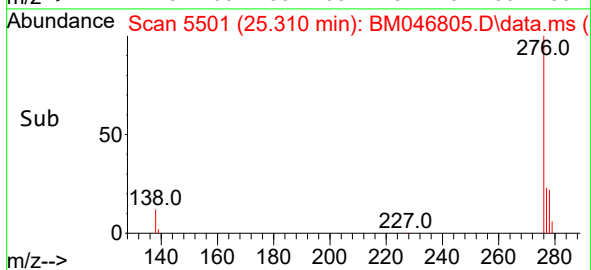
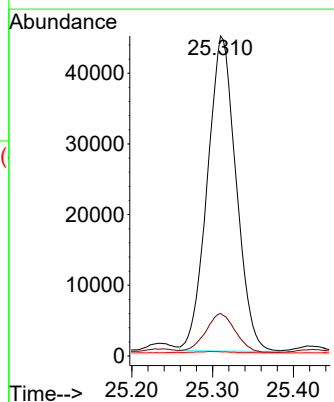
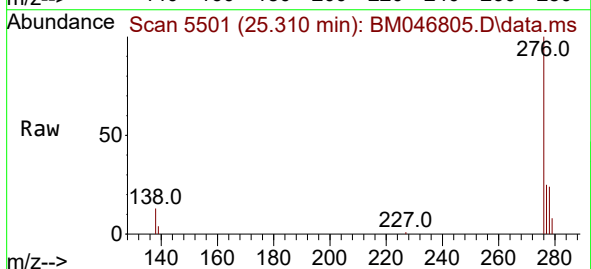


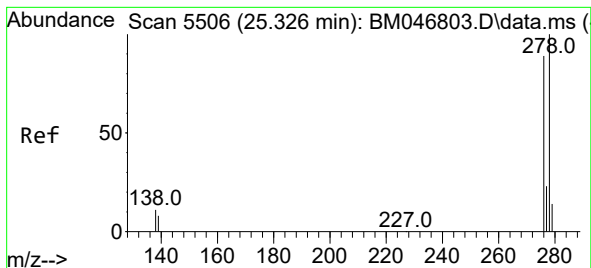
Tgt Ion:252 Resp: 52759
Ion Ratio Lower Upper
252 100
253 26.3 26.0 39.0
125 10.9 7.8 11.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.564 ng/ul
RT: 25.310 min Scan# 5501
Delta R.T. -0.006 min
Lab File: BM046805.D
Acq: 25 Jul 2024 18:24

Tgt Ion:276 Resp: 110076
Ion Ratio Lower Upper
276 100
138 12.9 9.7 14.5
227 0.4 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 1.047 ng/ul

RT: 25.320 min Scan# 5

Delta R.T. -0.013 min

Lab File: BM046805.D

Acq: 25 Jul 2024 18:24

Instrument :

BNA_M

ClientSampleId :

A4BA0

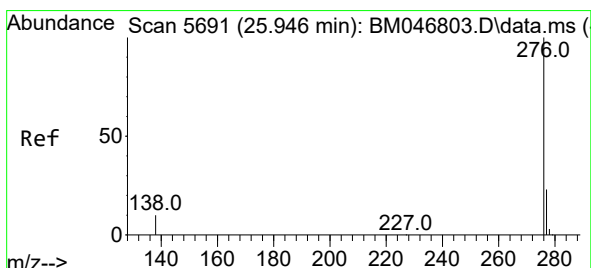
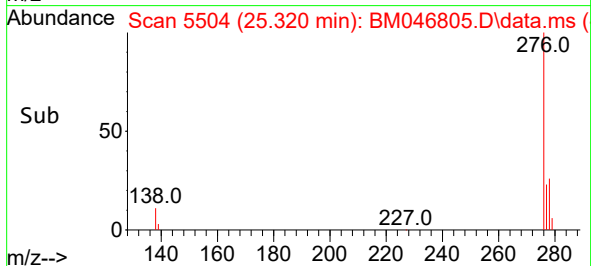
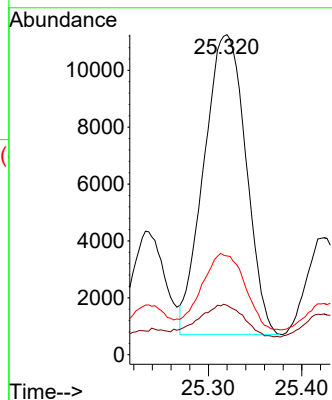
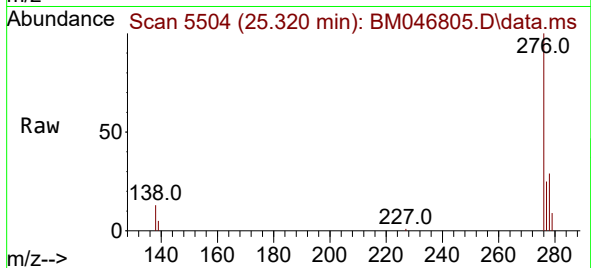
Tgt Ion:278 Resp: 32914

Ion Ratio Lower Upper

278 100

139 15.5 9.8 14.8#

279 30.9 25.2 37.8



#29

Benzo(g,h,i)perylene

Concen: 0.373 ng/ul

RT: 25.954 min Scan# 5693

Delta R.T. 0.000 min

Lab File: BM046805.D

Acq: 25 Jul 2024 18:24

Tgt Ion:276 Resp: 14114

Ion Ratio Lower Upper

276 100

138 17.1 9.5 14.3#

277 29.8 20.9 31.3

