

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046137.D
 Acq On : 20 Jun 2024 23:40
 Operator : MA/JU
 Sample : P2710-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B89

Quant Time: Jun 21 02:49:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

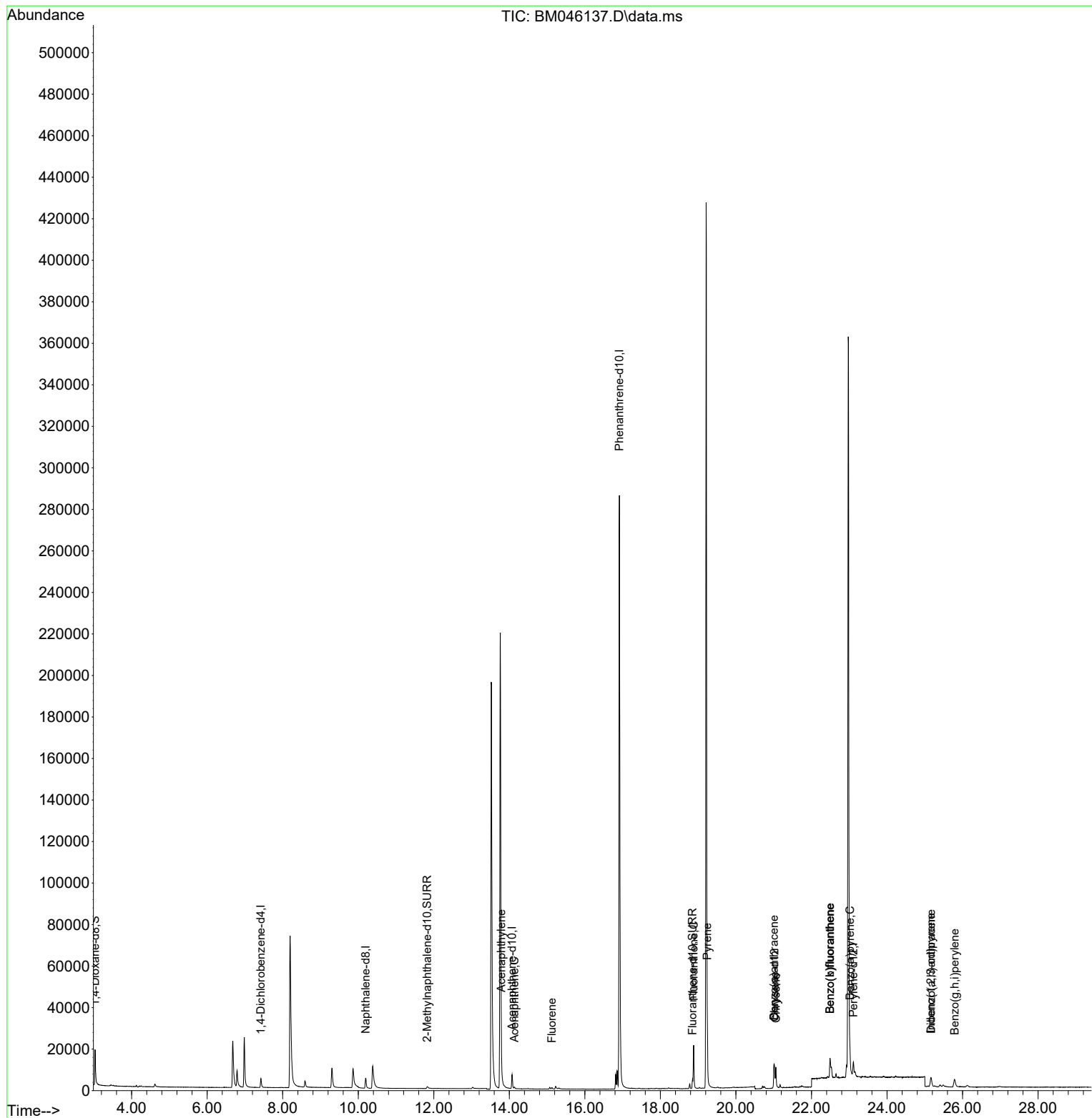
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.422	152	2603	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	7646	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.072	164	4175	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.913	188	375190	0.400	ng/ul	# 0.05
17) Chrysene-d12	21.020	240	5052	0.400	ng/ul	-0.02
23) Perylene-d12	23.110	264	11220	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10675	2.989	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.828	152	2180	0.212	ng/ul	-0.04
18) Fluoranthene-d10	18.849	212	4884	0.323	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.790	152	643	0.032	ng/ul#	56
11) Acenaphthene	14.132	153	527	0.037	ng/ul#	92
12) Fluorene	15.127	166	570	0.037	ng/ul#	94
19) Fluoranthene	18.881	202	20120	0.920	ng/ul	98
20) Pyrene	19.239	202	18827	0.796	ng/ul	97
21) Benzo(a)anthracene	21.006	228	10580	0.542	ng/ul	95
22) Chrysene	21.055	228	9865	0.396	ng/ul	96
24) Benzo(b)fluoranthene	22.493	252	20159	0.499	ng/ul	96
25) Benzo(k)fluoranthene	22.493	252	20159	0.419	ng/ul	98
26) Benzo(a)pyrene	23.016	252	9878	0.264	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.162	276	7830	0.128	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.169	278	1899	0.042	ng/ul#	27
29) Benzo(g,h,i)perylene	25.789	276	8189	0.156	ng/ul#	91

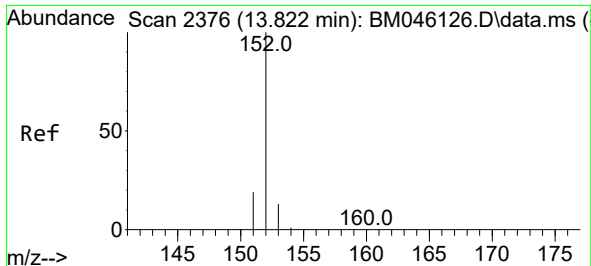
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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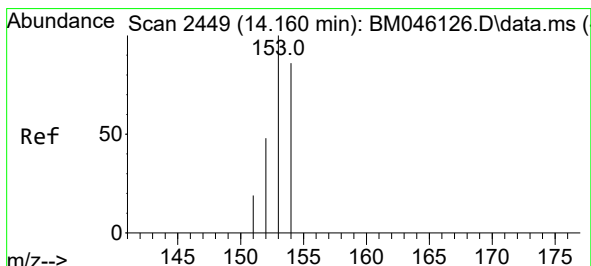
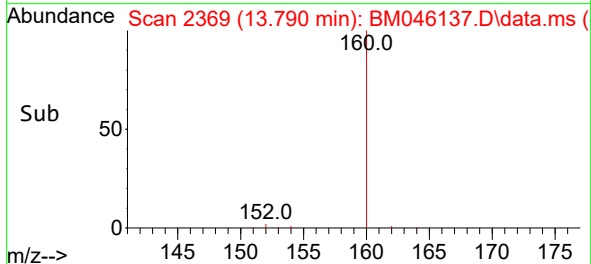
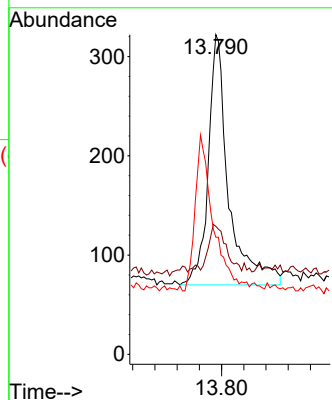
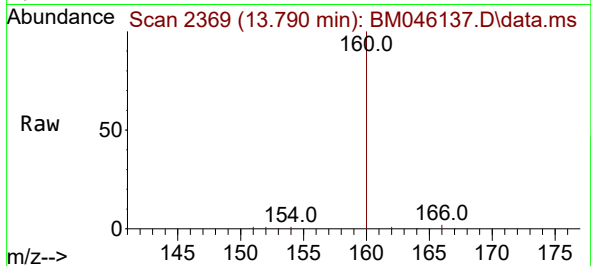




#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.790 min Scan# 21
Delta R.T. -0.045 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

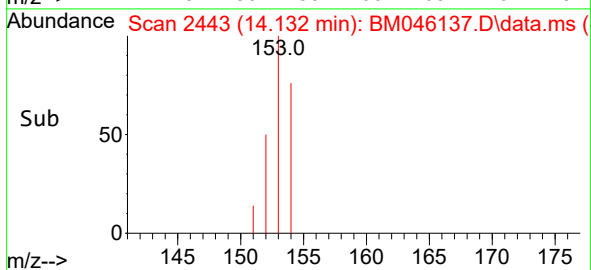
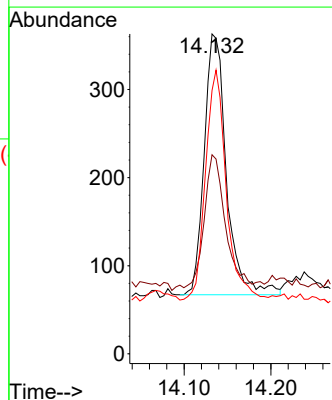
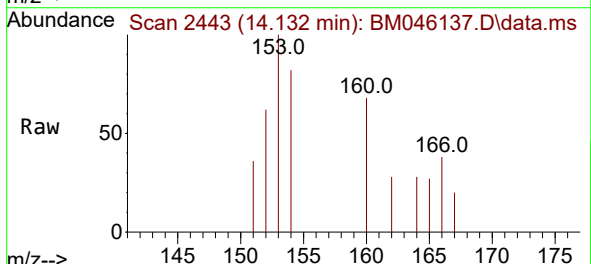
Instrument :
BNA_M
ClientSampleId :
A4B89

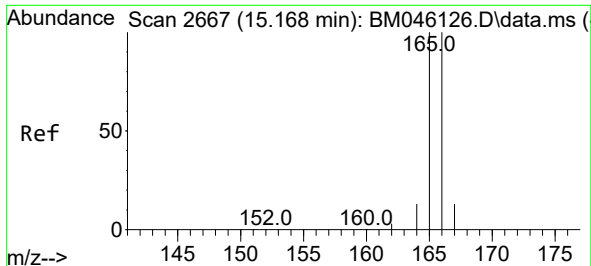
Tgt Ion:152 Resp: 643
Ion Ratio Lower Upper
152 100
151 40.1 17.4 26.2#
153 36.6 11.8 17.8#



#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.132 min Scan# 2443
Delta R.T. -0.040 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

Tgt Ion:153 Resp: 527
Ion Ratio Lower Upper
153 100
152 62.3 41.3 61.9#
154 82.4 68.2 102.4

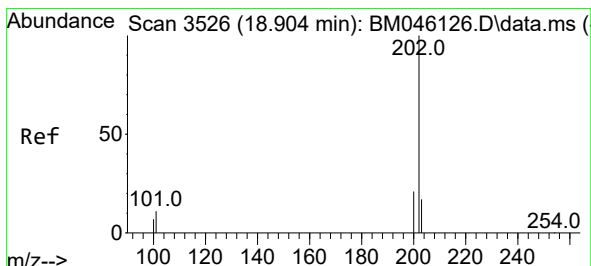
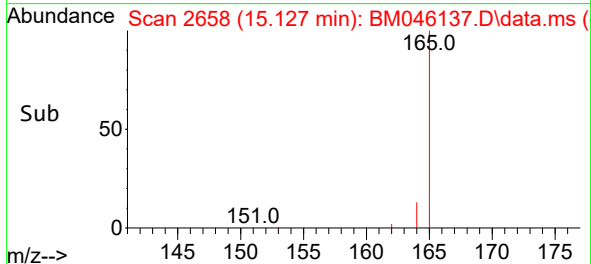
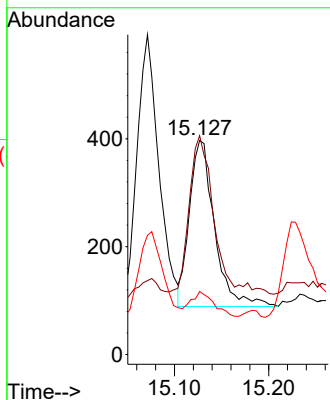
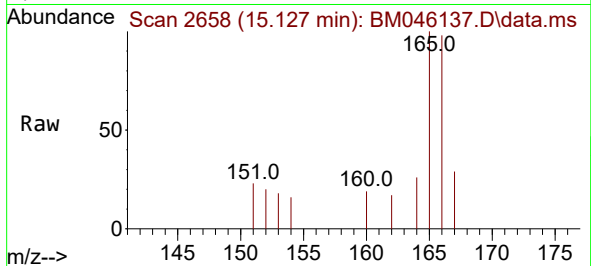




#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.127 min Scan# 2
Delta R.T. -0.054 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

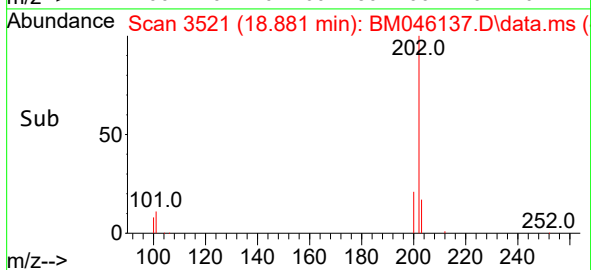
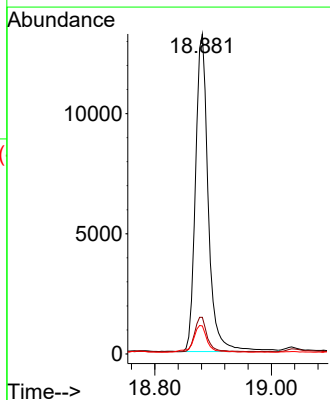
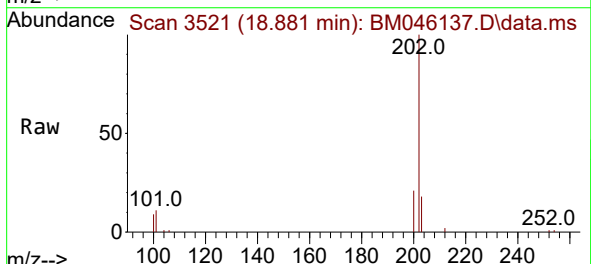
Instrument :
BNA_M
ClientSampleId :
A4B89

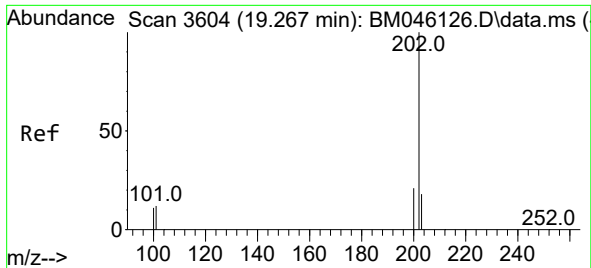
Tgt Ion:166 Resp: 570
Ion Ratio Lower Upper
166 100
165 102.3 80.4 120.6
167 29.5 12.4 18.6#



#19
Fluoranthene
Concen: 0.920 ng/ul
RT: 18.881 min Scan# 3521
Delta R.T. -0.036 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

Tgt Ion:202 Resp: 20120
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 8.8 7.6 11.4

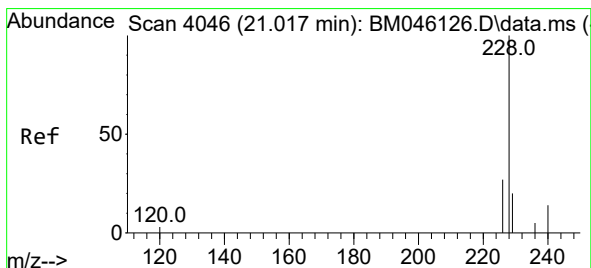
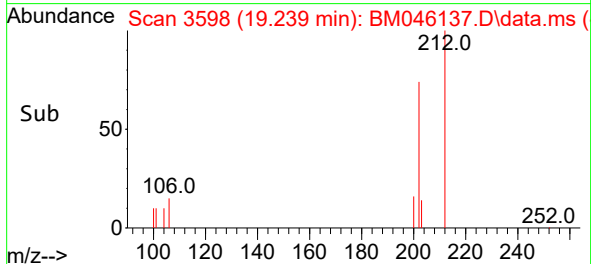
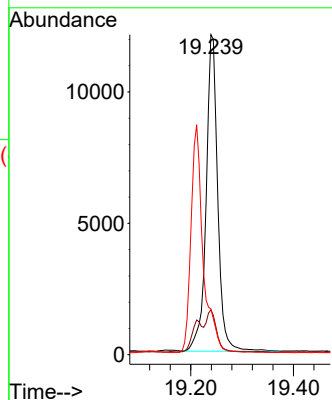
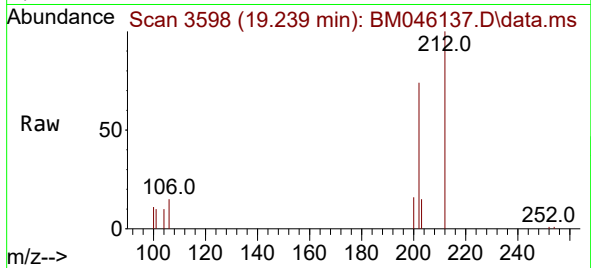




#20
Pyrene
Concen: 0.796 ng/ul
RT: 19.239 min Scan# 31
Delta R.T. -0.036 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

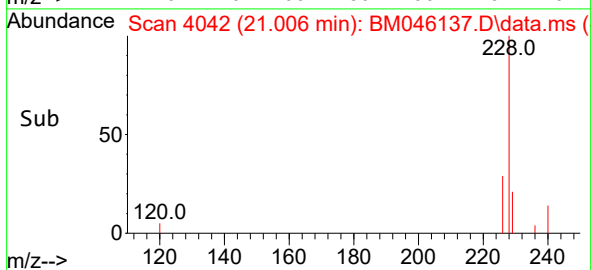
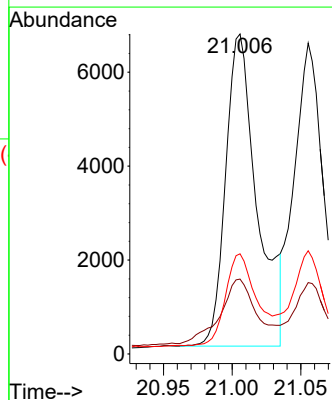
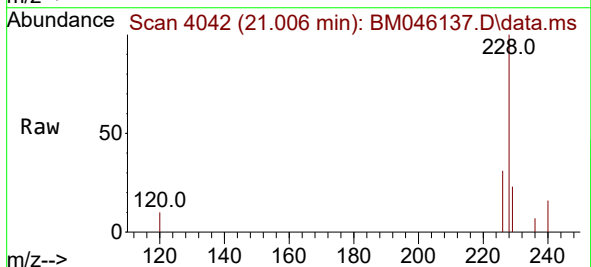
Instrument :
BNA_M
ClientSampleId :
A4B89

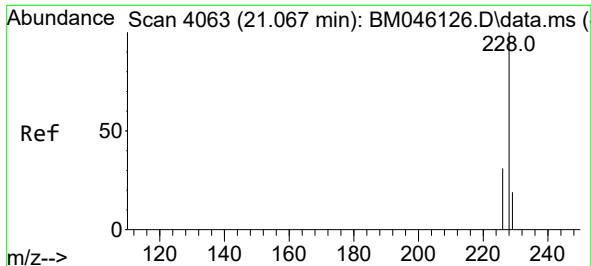
Tgt Ion:202 Resp: 18827
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 14.3 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.542 ng/ul
RT: 21.006 min Scan# 4042
Delta R.T. -0.024 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

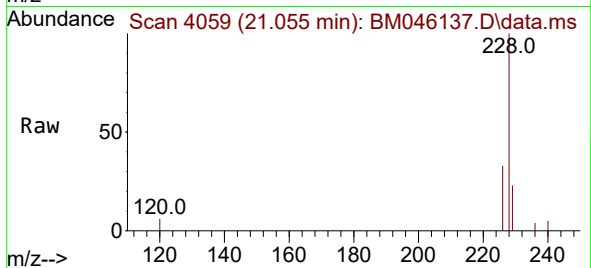
Tgt Ion:228 Resp: 10580
Ion Ratio Lower Upper
228 100
229 23.4 16.4 24.6
226 31.3 23.4 35.2



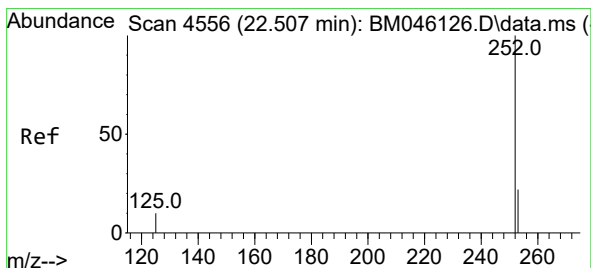
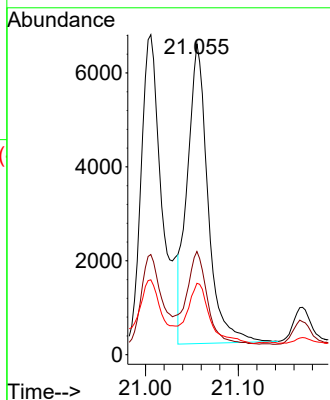
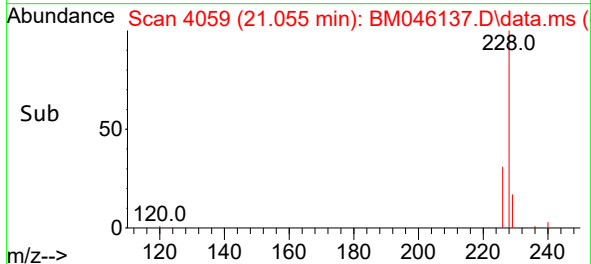


#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.055 min Scan# 4063
Delta R.T. -0.021 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

Instrument :
BNA_M
ClientSampleId :
A4B89

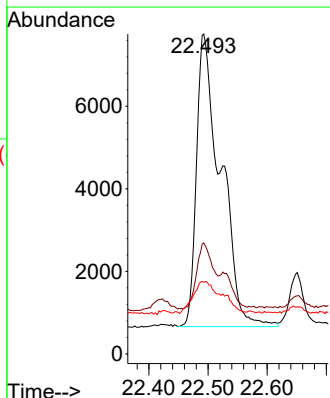
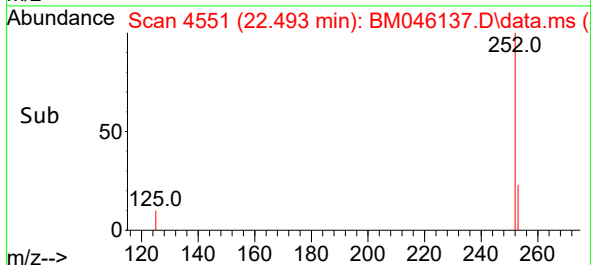
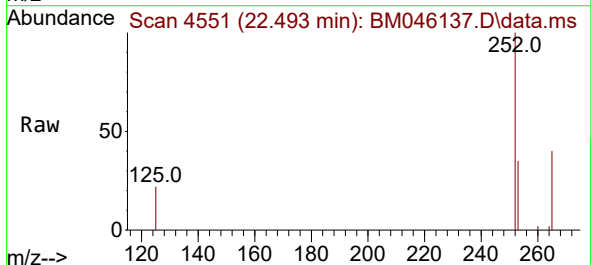


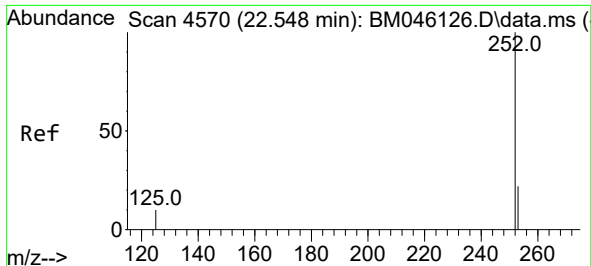
Tgt Ion:228 Resp: 9865
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 22.9 16.3 24.5



#24
Benzo(b)fluoranthene
Concen: 0.499 ng/ul
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

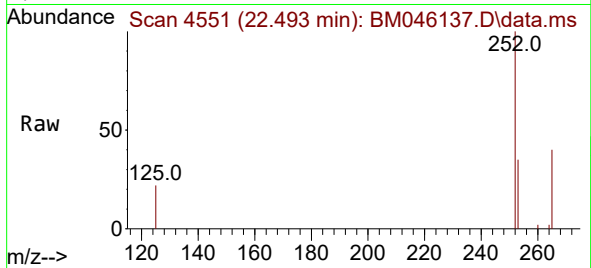
Tgt Ion:252 Resp: 20159
Ion Ratio Lower Upper
252 100
253 34.7 0.0 65.8
125 22.4 0.0 40.2



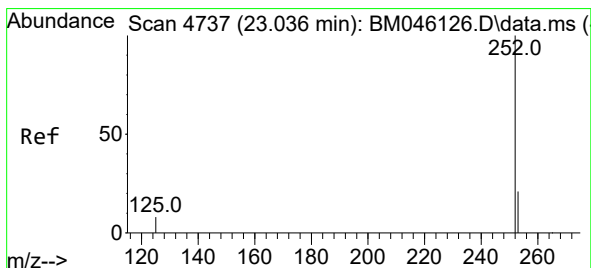
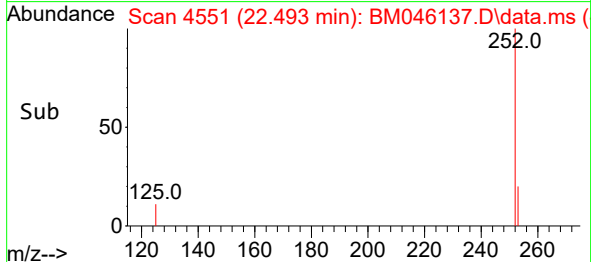
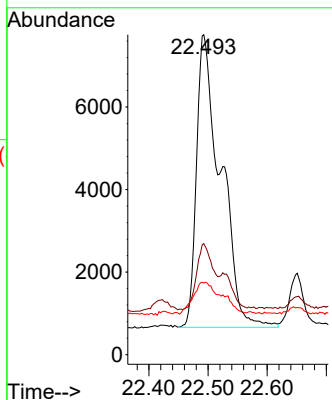


#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 22.493 min Scan# 41
Delta R.T. -0.070 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

Instrument :
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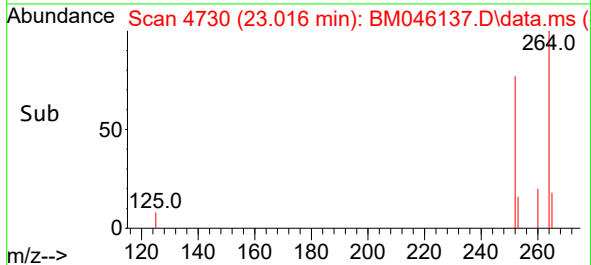
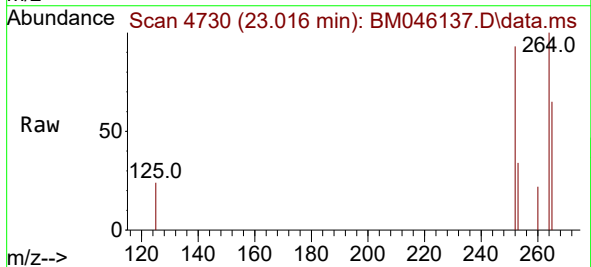
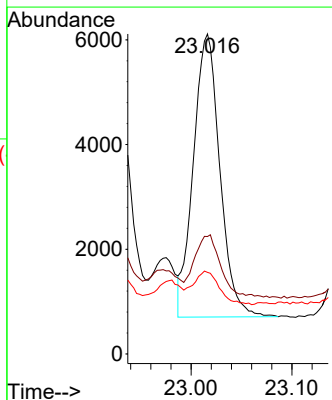


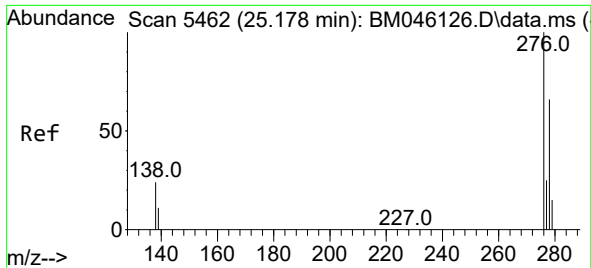
Tgt Ion:252 Resp: 20159
Ion Ratio Lower Upper
252 100
253 34.7 27.2 40.8
125 22.4 16.6 25.0



#26
Benzo(a)pyrene
Concen: 0.264 ng/ul
RT: 23.016 min Scan# 4730
Delta R.T. -0.038 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

Tgt Ion:252 Resp: 9878
Ion Ratio Lower Upper
252 100
253 36.7 32.1 48.1
125 25.5 21.2 31.8

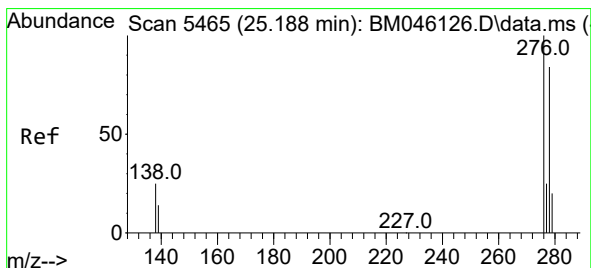
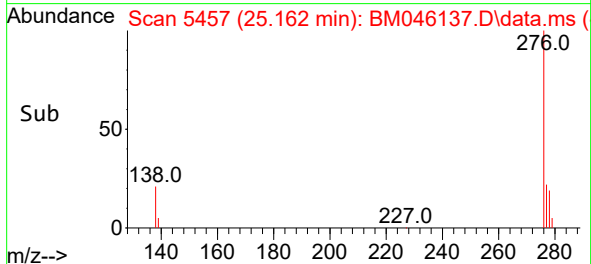
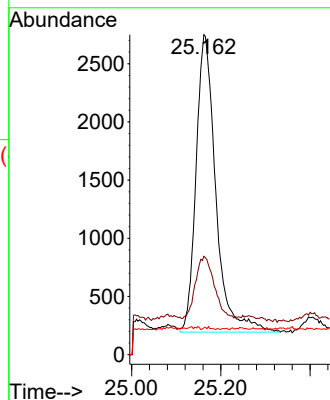
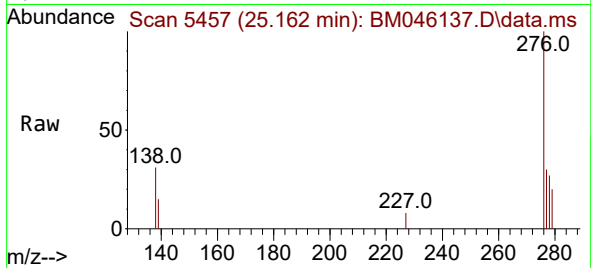




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.128 ng/ul
 RT: 25.162 min Scan# 5462
 Delta R.T. -0.041 min
 Lab File: BM046137.D
 Acq: 20 Jun 2024 23:40

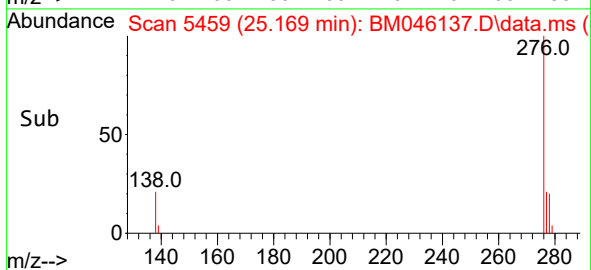
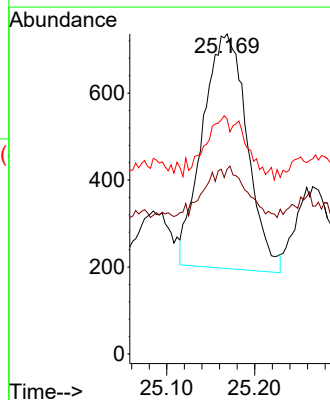
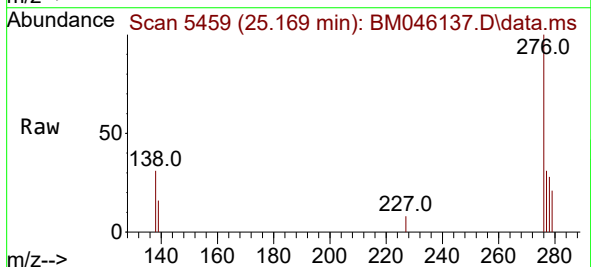
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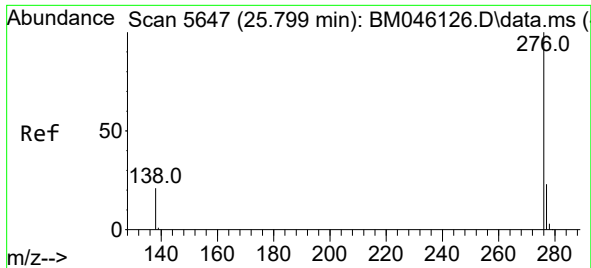
Tgt Ion:276 Resp: 7830
 Ion Ratio Lower Upper
 276 100
 138 20.3 21.0 31.4#
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.042 ng/ul
 RT: 25.169 min Scan# 5459
 Delta R.T. -0.047 min
 Lab File: BM046137.D
 Acq: 20 Jun 2024 23:40

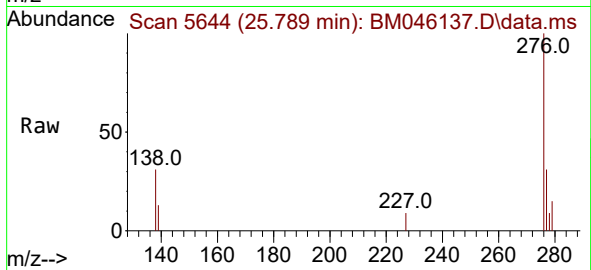
Tgt Ion:278 Resp: 1899
 Ion Ratio Lower Upper
 278 100
 139 57.7 17.6 26.4#
 279 73.5 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 25.789 min Scan# 50
Delta R.T. -0.041 min
Lab File: BM046137.D
Acq: 20 Jun 2024 23:40

Instrument :
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Tgt Ion:276 Resp: 8189
Ion Ratio Lower Upper
276 100
138 30.8 21.7 32.5
277 30.6 20.4 30.6#

