

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046605.D
 Acq On : 15 Jul 2024 20:42
 Operator : MA/JU
 Sample : PB161940BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS940

Quant Time: Jul 16 00:25:12 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)

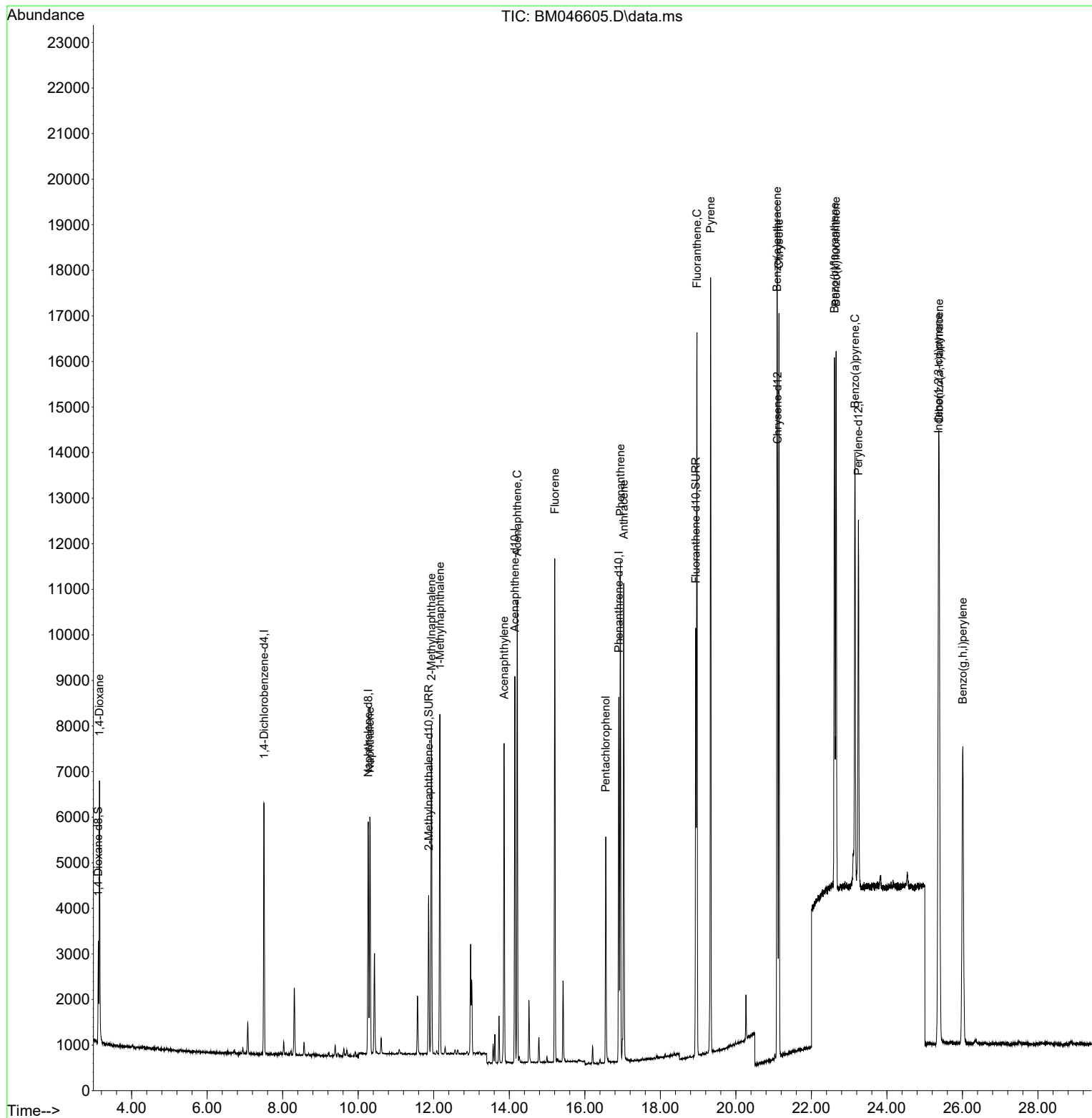
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	6968	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	4539	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	10202	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	8428	0.400	ng/ul	0.00
23) Perylene-d12	23.244	264	9490	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	1309	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4442	0.395	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	10745	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.147	88	3656	1.529	ng/ul#	71
5) Naphthalene	10.310	128	6912	0.390	ng/ul	97
7) 2-Methylnaphthalene	11.937	142	4920	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.163	142	4902	0.386	ng/ul	99
10) Acenaphthylene	13.864	152	7800	0.377	ng/ul	99
11) Acenaphthene	14.211	153	5635	0.407	ng/ul	98
12) Fluorene	15.205	166	6728	0.393	ng/ul	99
14) Pentachlorophenol	16.555	266	3140	0.607	ng/ul	99
15) Phenanthrene	16.943	178	11247	0.386	ng/ul	99
16) Anthracene	17.032	178	10826	0.381	ng/ul	99
19) Fluoranthene	18.970	202	14003	0.405	ng/ul	99
20) Pyrene	19.332	202	14653	0.391	ng/ul	99
21) Benzo(a)anthracene	21.090	228	13986	0.375	ng/ul	98
22) Chrysene	21.143	228	13210	0.366	ng/ul	99
24) Benzo(b)fluoranthene	22.610	252	14664	0.387	ng/ul	98
25) Benzo(k)fluoranthene	22.654	252	14080	0.378	ng/ul	97
26) Benzo(a)pyrene	23.154	252	13004	0.417	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.366	276	17399	0.366	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	13599	0.362	ng/ul	98
29) Benzo(g,h,i)perylene	26.007	276	13337	0.352	ng/ul	99

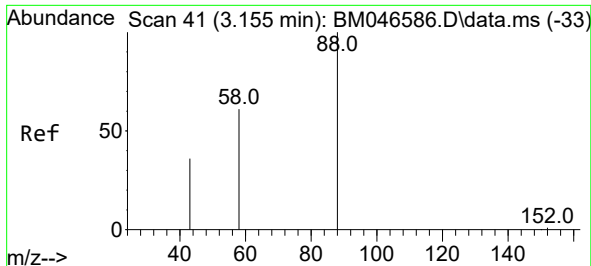
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 00:25:12 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

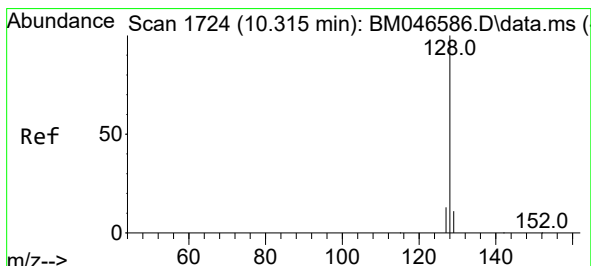
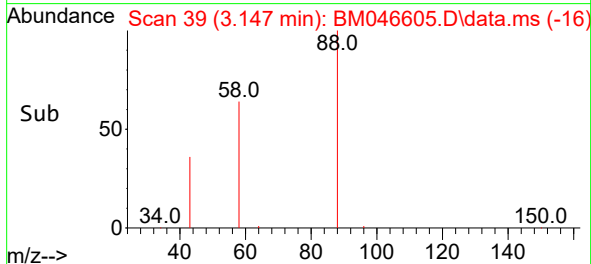
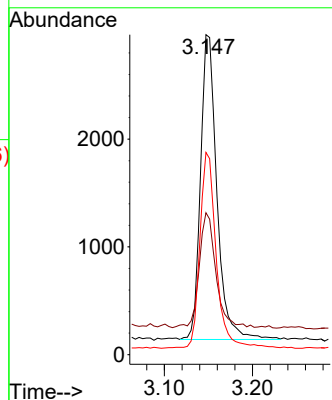
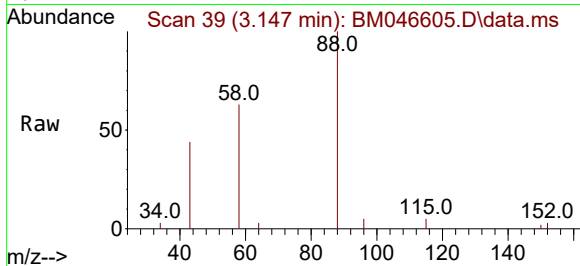




#2
1,4-Dioxane
Concen: 1.529 ng/ul
RT: 3.147 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

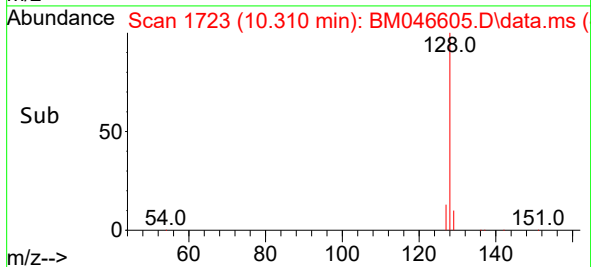
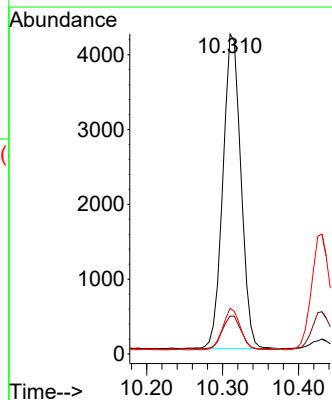
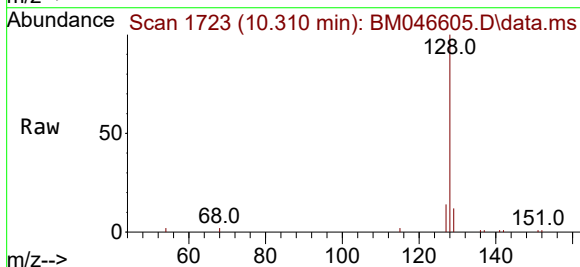
Instrument :
BNA_M
ClientSampleId :
SLCS940

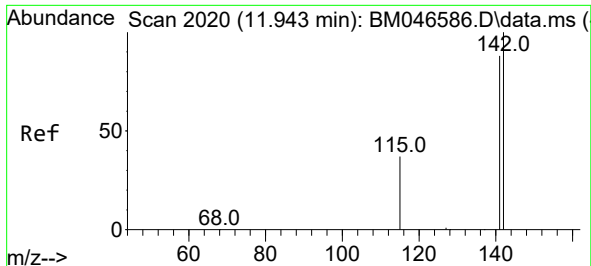
Tgt Ion: 88 Resp: 3656
Ion Ratio Lower Upper
88 100
43 44.4 70.2 105.4#
58 63.2 48.2 72.4



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion: 128 Resp: 6912
Ion Ratio Lower Upper
128 100
129 11.9 10.3 15.5
127 14.3 12.2 18.4

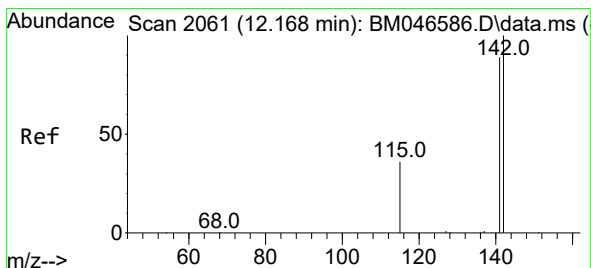
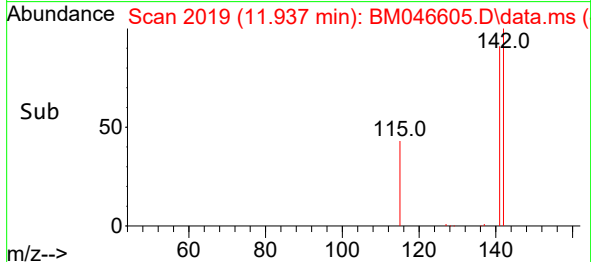
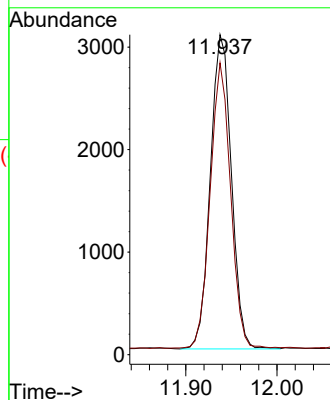
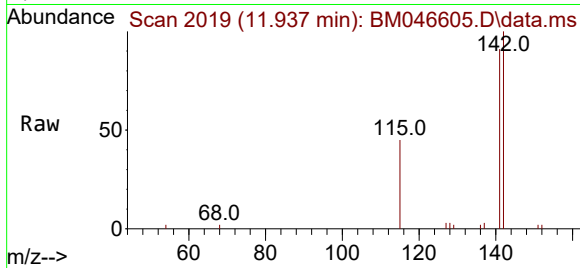




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

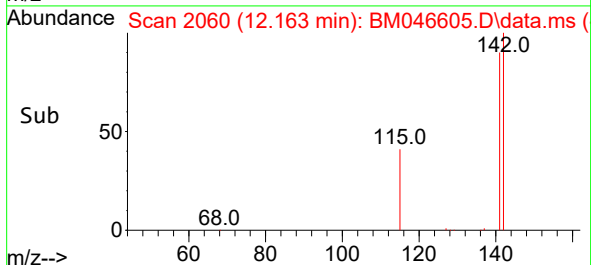
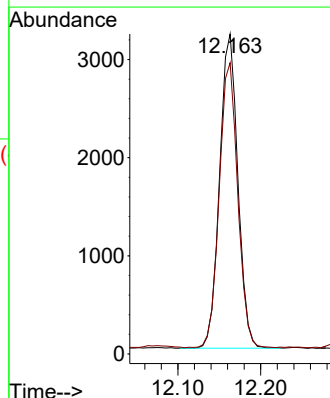
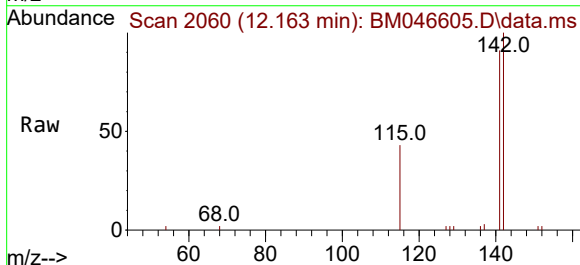
Instrument :
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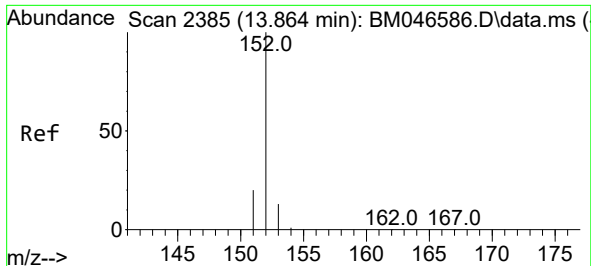
Tgt Ion:142 Resp: 4920
Ion Ratio Lower Upper
142 100
141 87.9 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:142 Resp: 4902
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

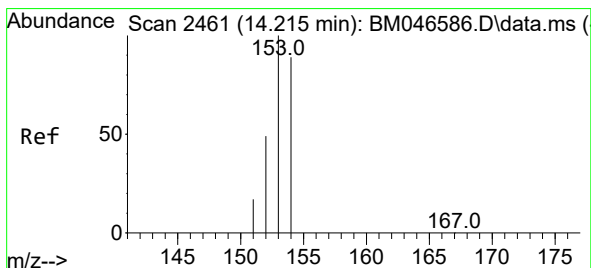
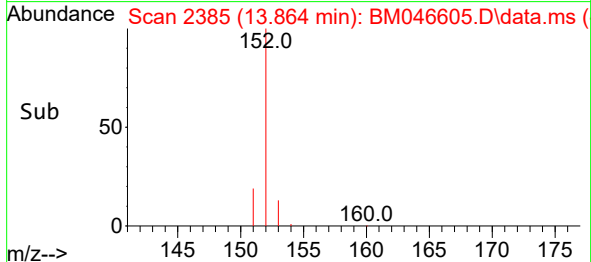
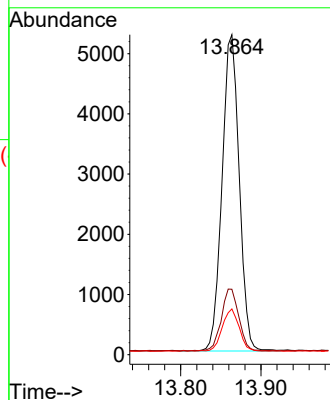
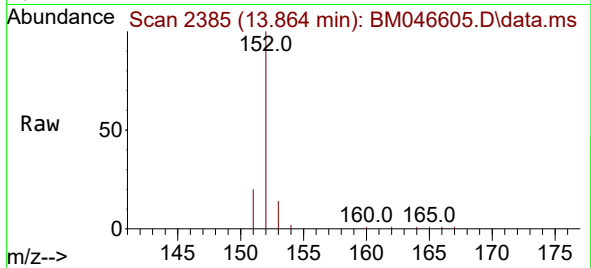




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

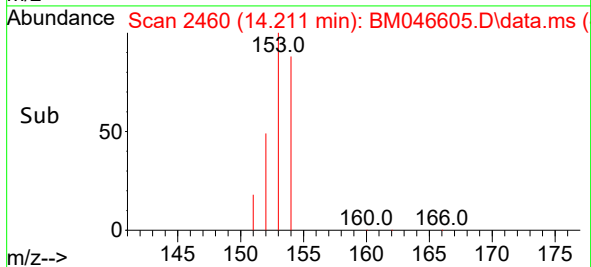
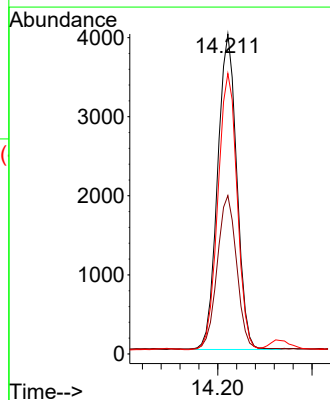
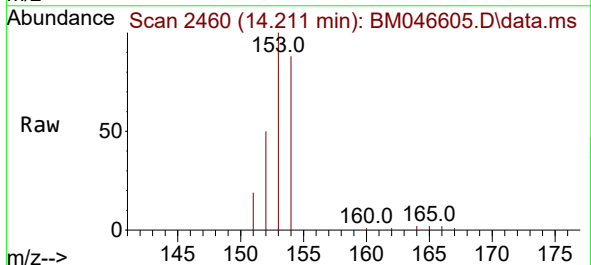
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BNA_M
ClientSampleId :
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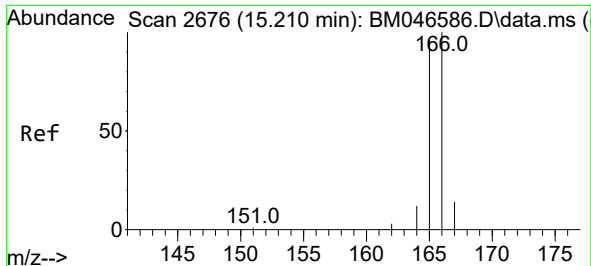
Tgt Ion:152 Resp: 7800
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.3 12.4 18.6



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:153 Resp: 5635
Ion Ratio Lower Upper
153 100
152 49.5 43.0 64.6
154 87.6 69.9 104.9

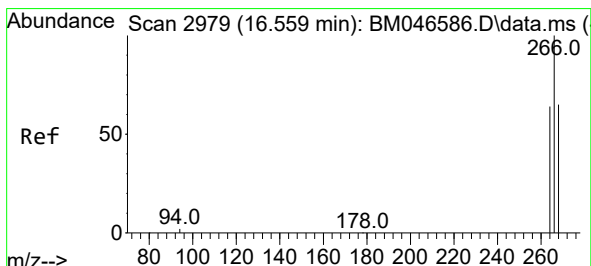
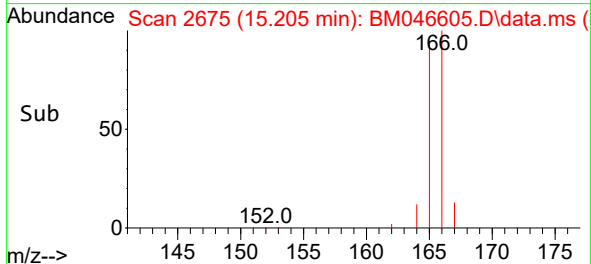
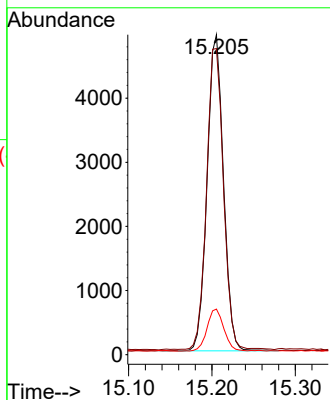
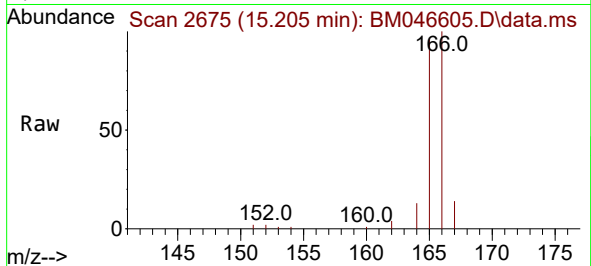




#12
 Fluorene
 Concen: 0.393 ng/ul
 RT: 15.205 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: BM046605.D
 Acq: 15 Jul 2024 20:42

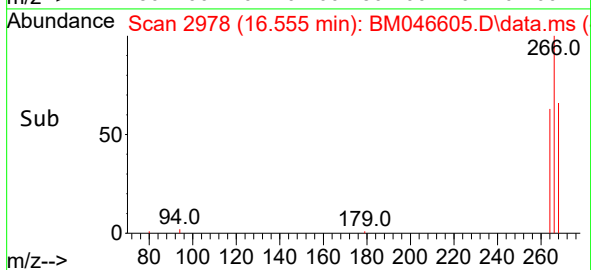
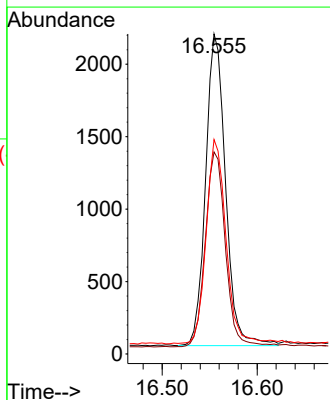
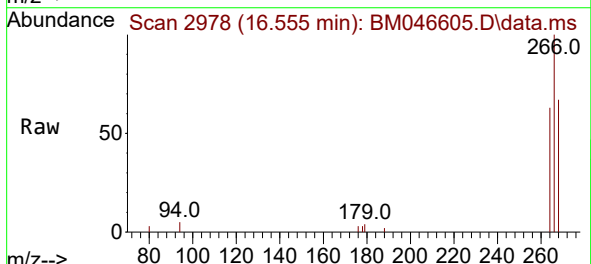
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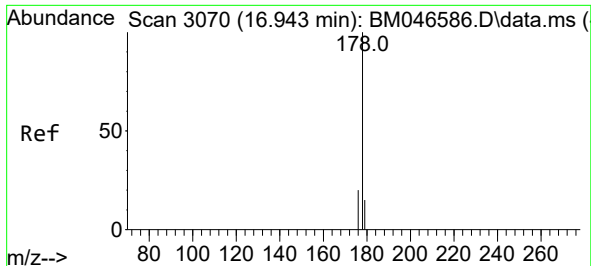
Tgt Ion:166 Resp: 6728
 Ion Ratio Lower Upper
 166 100
 165 95.7 76.1 114.1
 167 14.2 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.607 ng/ul
 RT: 16.555 min Scan# 2978
 Delta R.T. -0.000 min
 Lab File: BM046605.D
 Acq: 15 Jul 2024 20:42

Tgt Ion:266 Resp: 3140
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.1 75.1
 268 66.0 52.5 78.7

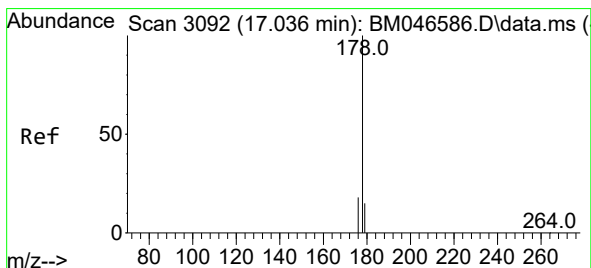
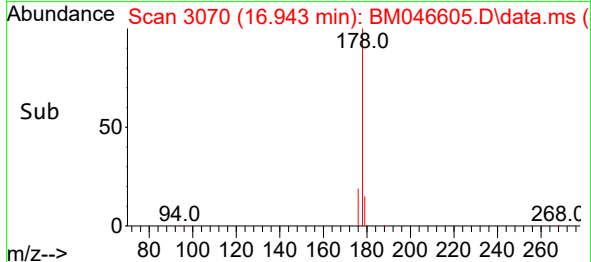
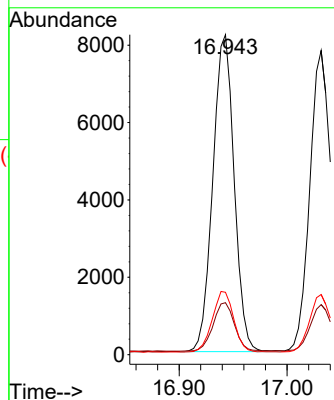
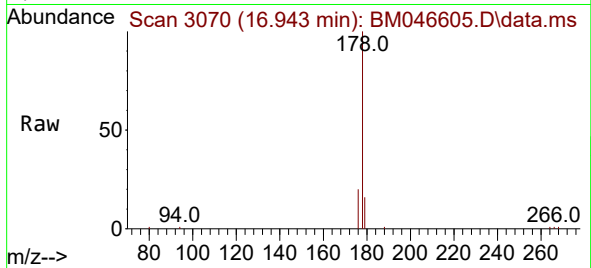




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

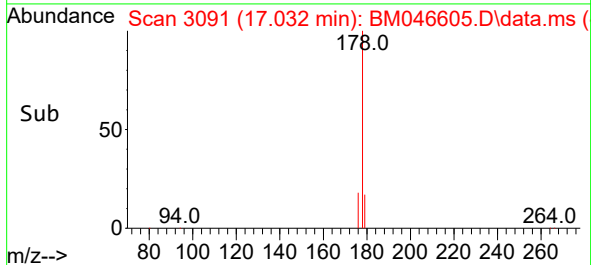
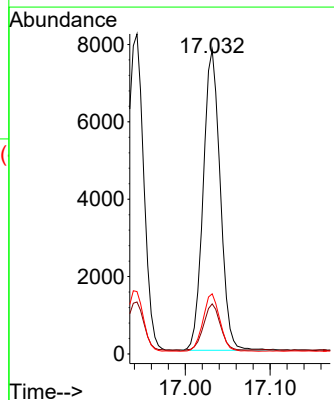
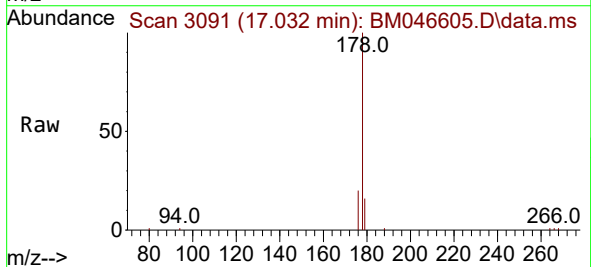
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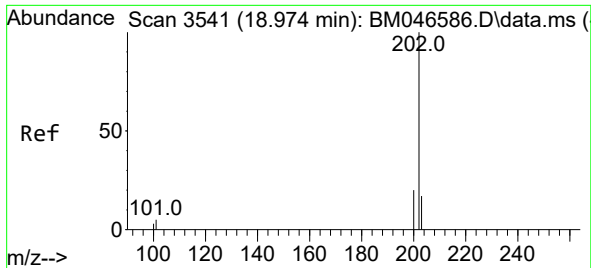
Tgt Ion:178 Resp: 11247
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:178 Resp: 10826
Ion Ratio Lower Upper
178 100
179 16.5 13.5 20.3
176 19.8 15.7 23.5

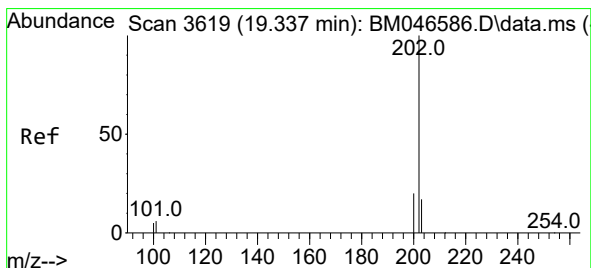
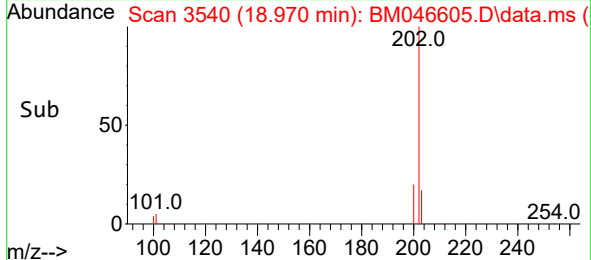
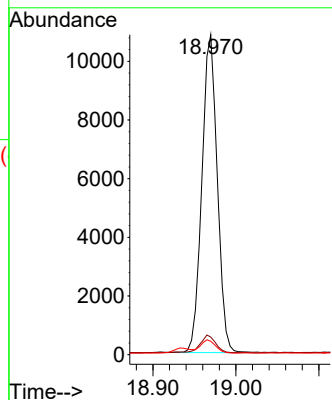
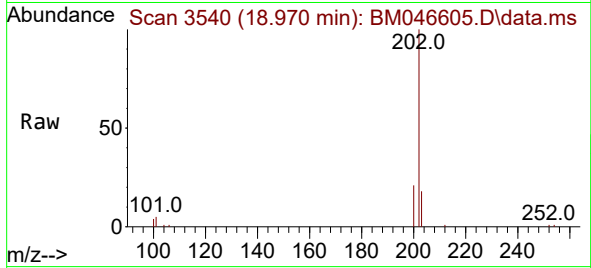




#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

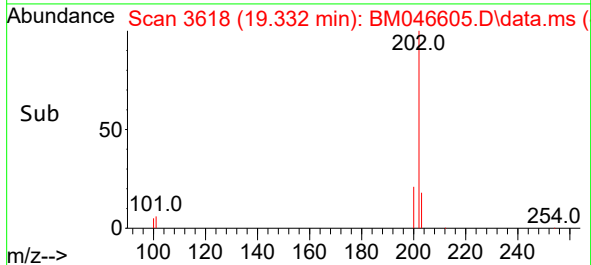
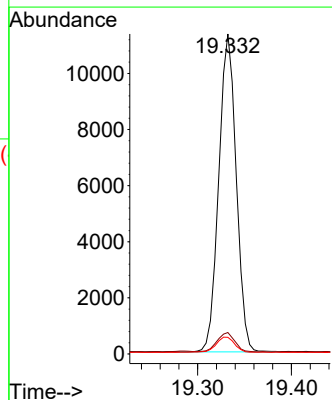
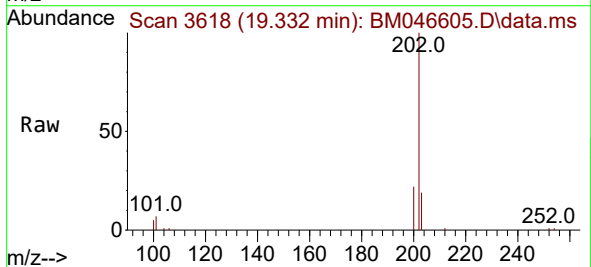
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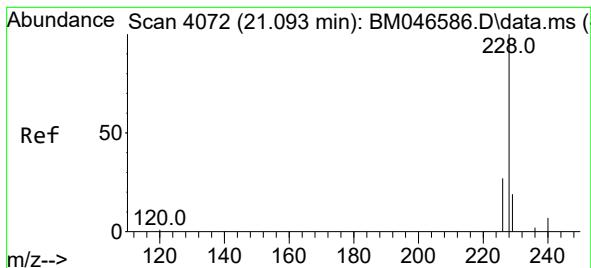
Tgt Ion:202 Resp: 14003
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 4.2 3.0 4.6



#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:202 Resp: 14653
Ion Ratio Lower Upper
202 100
101 6.7 5.1 7.7
100 5.2 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.375 ng/ul

RT: 21.090 min Scan# 4072

Delta R.T. 0.003 min

Lab File: BM046605.D

Acq: 15 Jul 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SLCS940

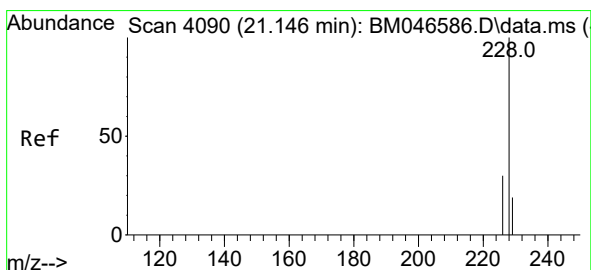
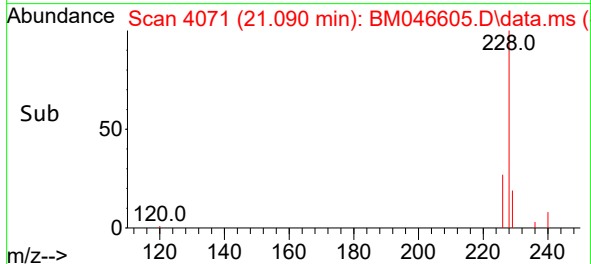
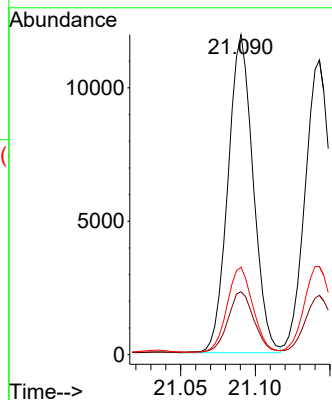
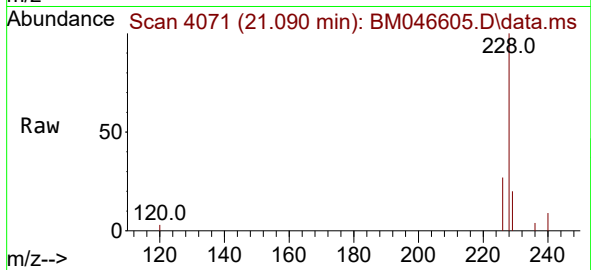
Tgt Ion:228 Resp: 13986

Ion Ratio Lower Upper

228 100

229 19.7 16.5 24.7

226 27.4 22.5 33.7



#22

Chrysene

Concen: 0.366 ng/ul

RT: 21.143 min Scan# 4089

Delta R.T. 0.003 min

Lab File: BM046605.D

Acq: 15 Jul 2024 20:42

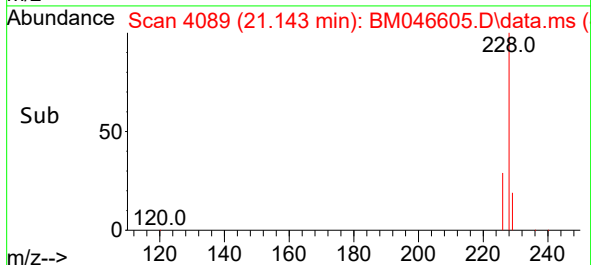
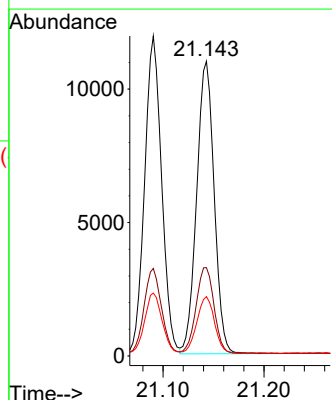
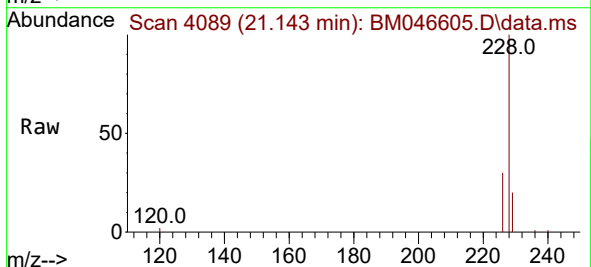
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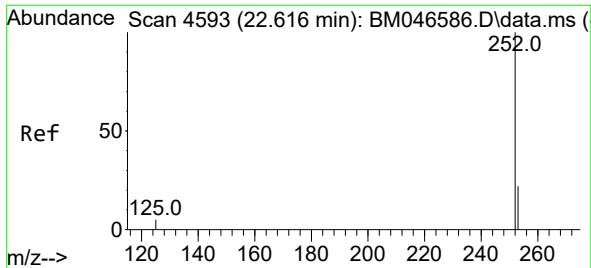
Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 20.1 16.4 24.6

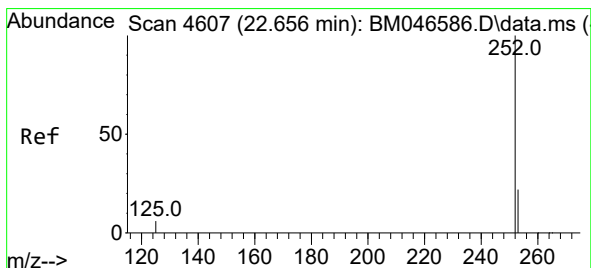
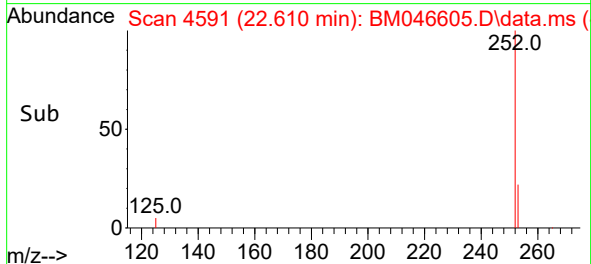
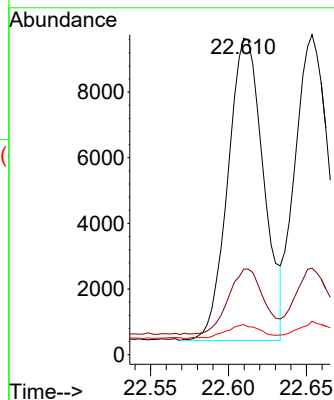
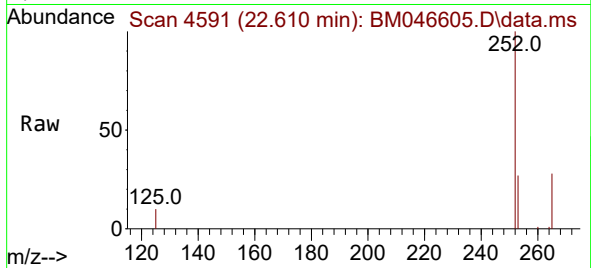




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 22.610 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

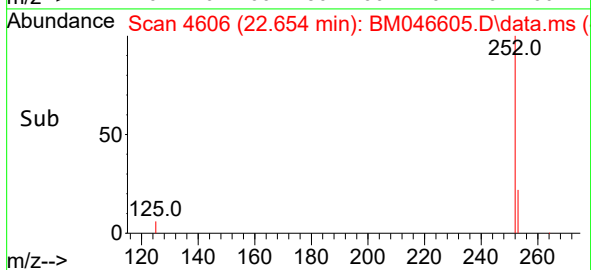
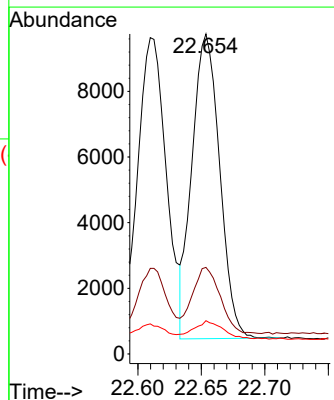
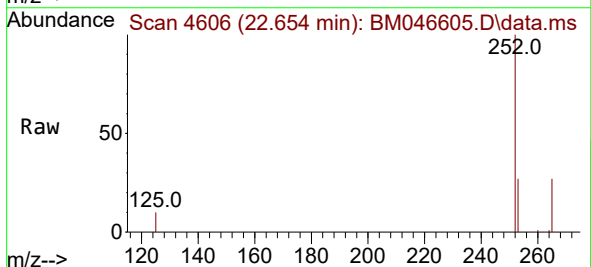
Instrument :
BNA_M
ClientSampleId :
SLCS940

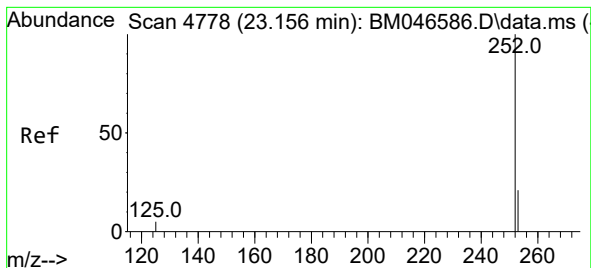
Tgt Ion:252 Resp: 14664
Ion Ratio Lower Upper
252 100
253 27.0 0.0 56.2
125 9.5 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. 0.003 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:252 Resp: 14080
Ion Ratio Lower Upper
252 100
253 27.0 22.4 33.6
125 10.4 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.417 ng/ul

RT: 23.154 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM046605.D

Acq: 15 Jul 2024 20:42

Instrument :

BNA_M

ClientSampleId :

SLCS940

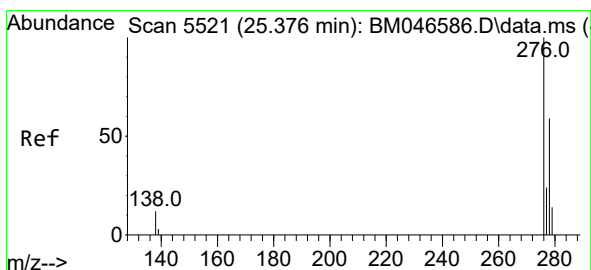
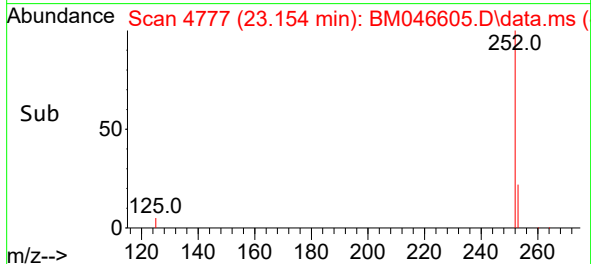
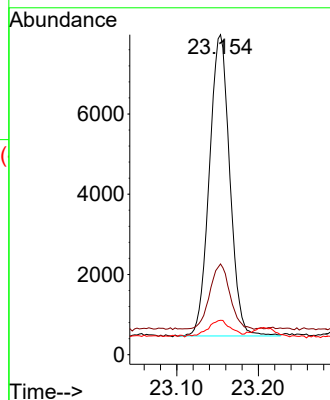
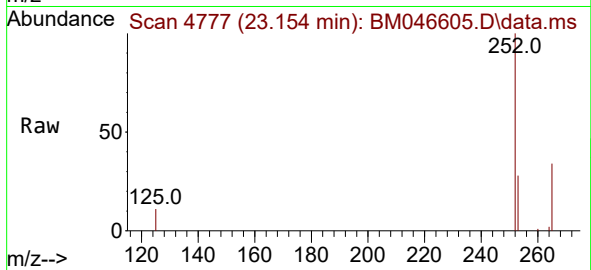
Tgt Ion:252 Resp: 13004

Ion Ratio Lower Upper

252 100

253 28.3 24.0 36.0

125 10.8 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.366 ng/ul

RT: 25.366 min Scan# 5518

Delta R.T. 0.006 min

Lab File: BM046605.D

Acq: 15 Jul 2024 20:42

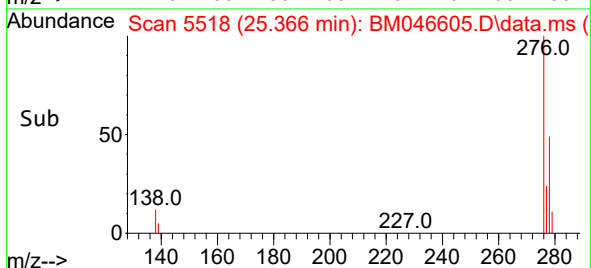
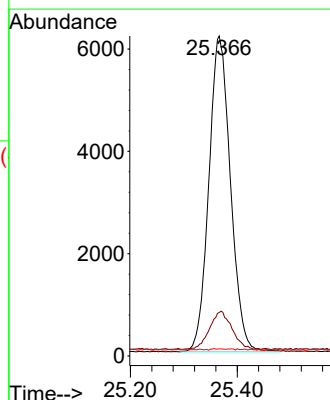
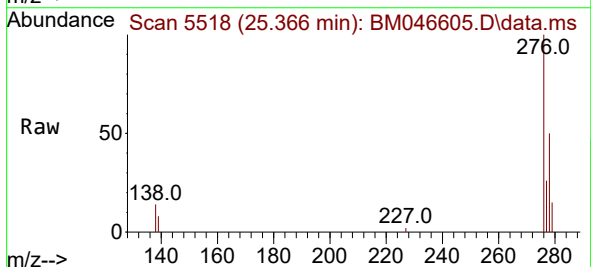
Tgt Ion:276 Resp: 17399

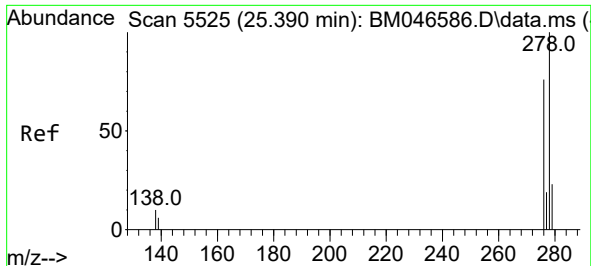
Ion Ratio Lower Upper

276 100

138 12.4 0.0 0.0#

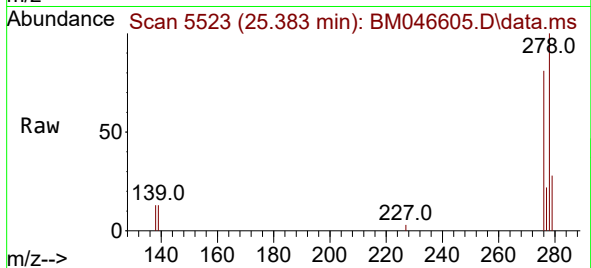
227 0.2 0.2 0.2



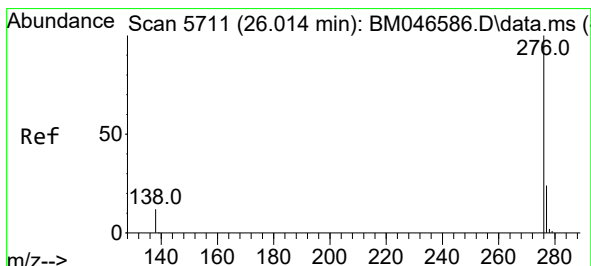
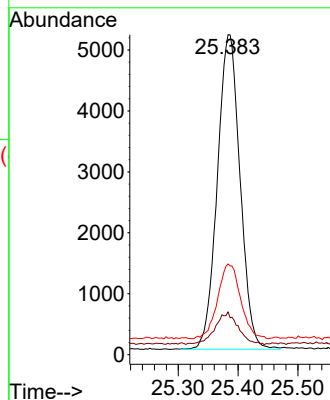
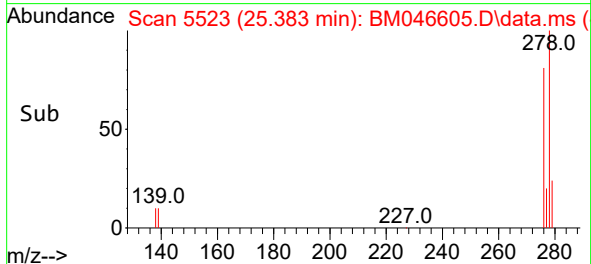


#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 25.383 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

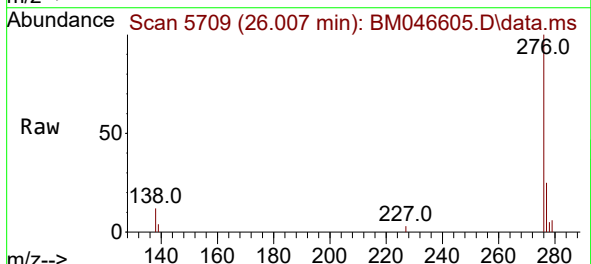
Instrument :
BNA_M
ClientSampleId :
SLCS940



Tgt Ion:278 Resp: 13599
Ion Ratio Lower Upper
278 100
139 13.3 9.1 13.7
279 28.4 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.003 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42



Tgt Ion:276 Resp: 13337
Ion Ratio Lower Upper
276 100
138 12.5 10.2 15.4
277 25.3 20.9 31.3

