

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046426.D
 Acq On : 06 Jul 2024 19:28
 Operator : MA/JU
 Sample : PB161679BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS679

Quant Time: Jul 08 00:50:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

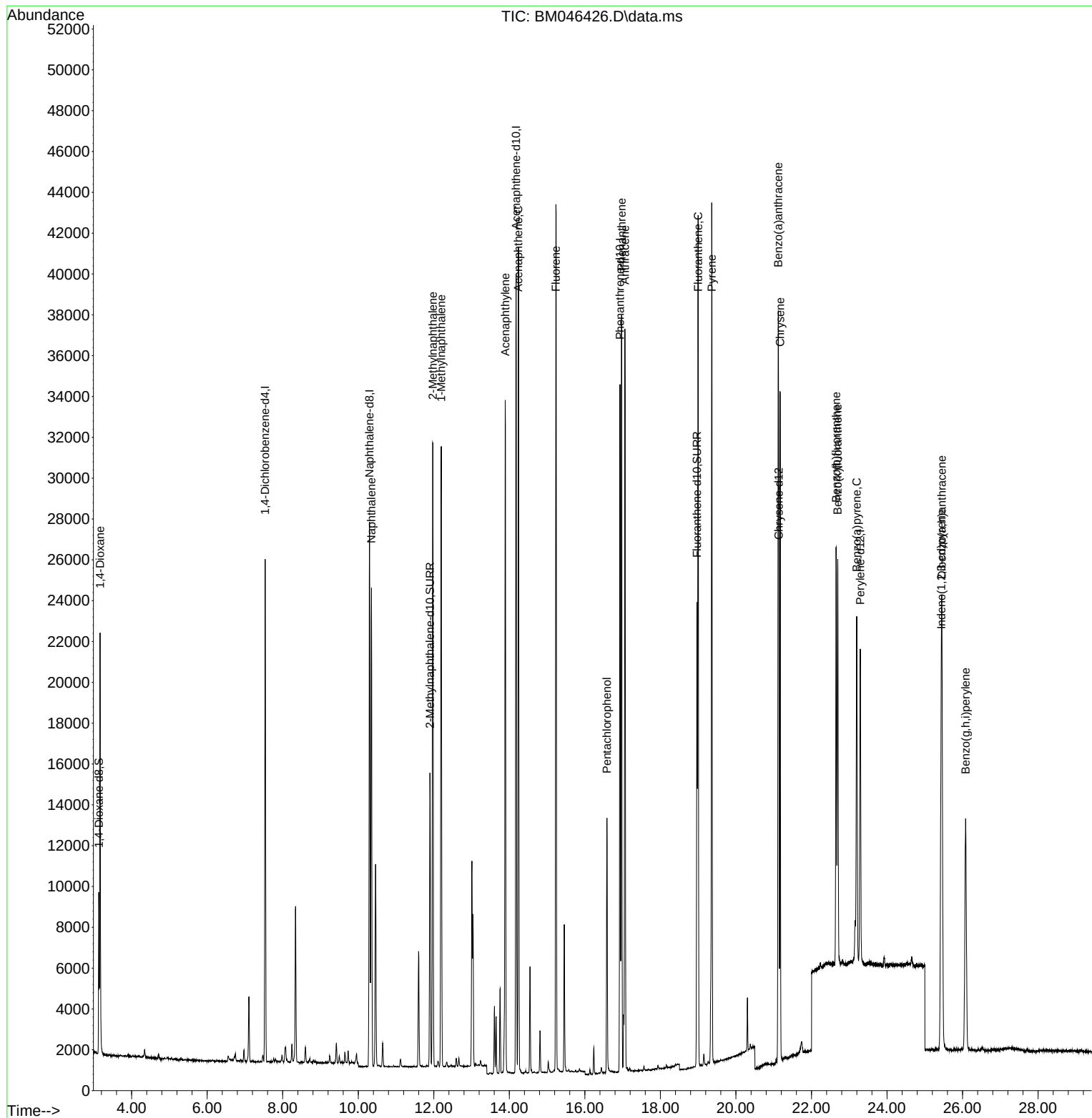
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	11853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	35115	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.178	164	21537	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	38801	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	17455	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	17451	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4441	0.363	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	18168	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	25470	0.417	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.164	88	12309	0.888	ng/ul#	91
5) Naphthalene	10.348	128	30429	0.326	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	21039	0.334	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	20386	0.314	ng/ul	99
10) Acenaphthylene	13.891	152	36345	0.333	ng/ul	99
11) Acenaphthene	14.238	153	23413	0.329	ng/ul	97
12) Fluorene	15.233	166	26658	0.317	ng/ul	100
14) Pentachlorophenol	16.584	266	7851	0.694	ng/ul	99
15) Phenanthrene	16.972	178	37445	0.322	ng/ul	99
16) Anthracene	17.061	178	36957	0.328	ng/ul	99
19) Fluoranthene	18.997	202	36084	0.409	ng/ul	98
20) Pyrene	19.360	202	35567	0.392	ng/ul#	95
21) Benzo(a)anthracene	21.119	228	27736	0.356	ng/ul	99
22) Chrysene	21.169	228	26005	0.335	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	25228	0.340	ng/ul	95
25) Benzo(k)fluoranthene	22.694	252	24079	0.322	ng/ul#	94
26) Benzo(a)pyrene	23.197	252	22394	0.382	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.433	276	28185	0.356	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.453	278	22358	0.365	ng/ul	97
29) Benzo(g,h,i)perylene	26.081	276	22984	0.364	ng/ul	97

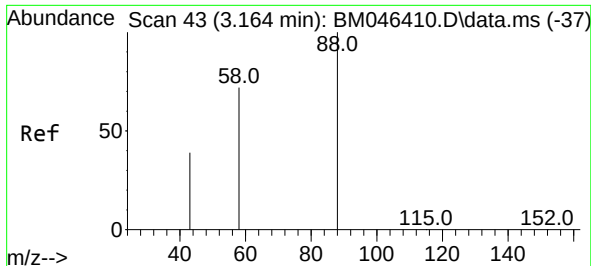
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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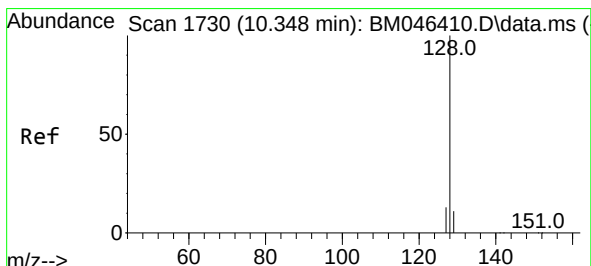
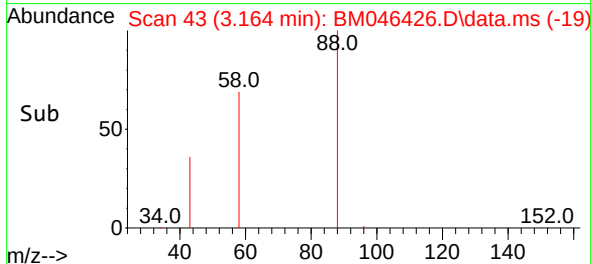
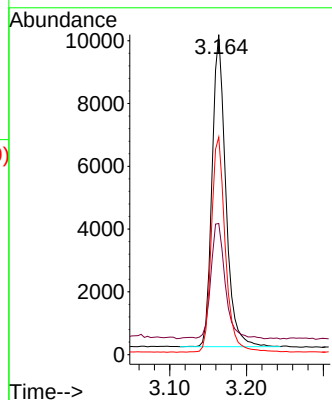
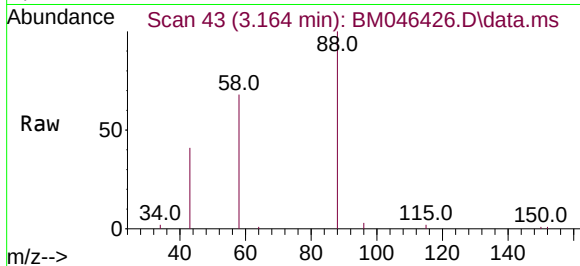




#2
1,4-Dioxane
Concen: 0.888 ng/ul
RT: 3.164 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

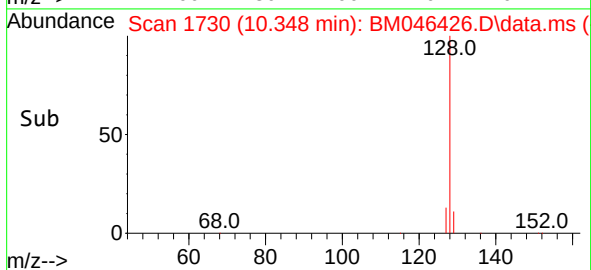
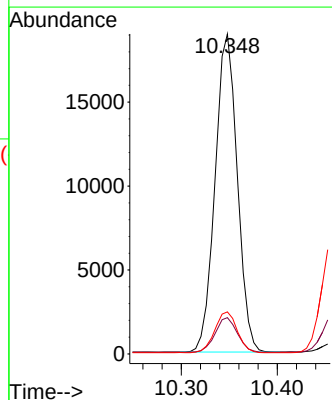
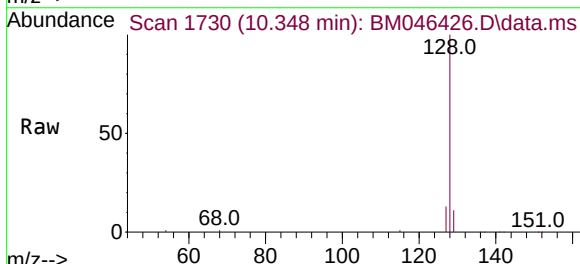
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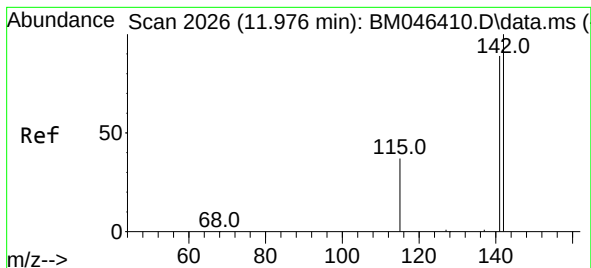
Tgt Ion: 88 Resp: 12309
Ion Ratio Lower Upper
88 100
43 41.0 41.9 62.9#
58 68.0 56.5 84.7



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion: 128 Resp: 30429
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.2 10.8 16.2

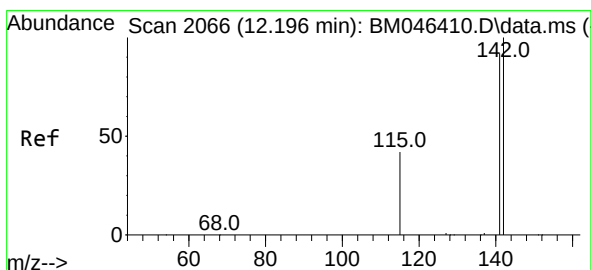
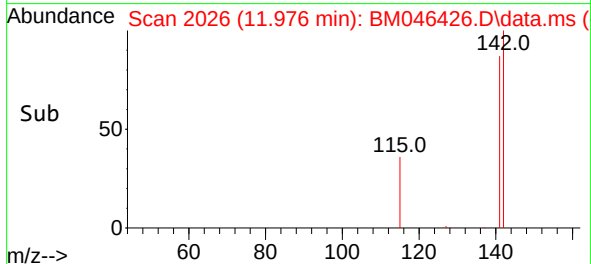
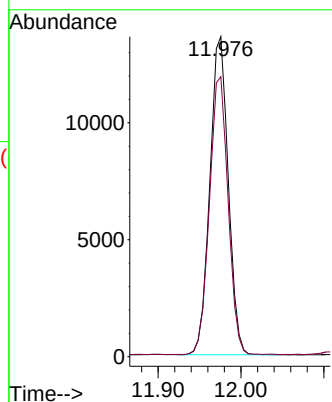
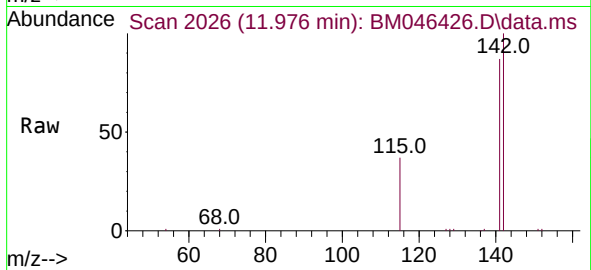




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

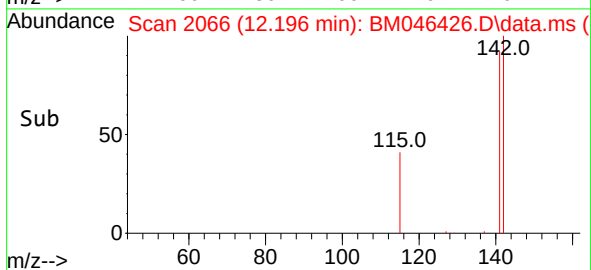
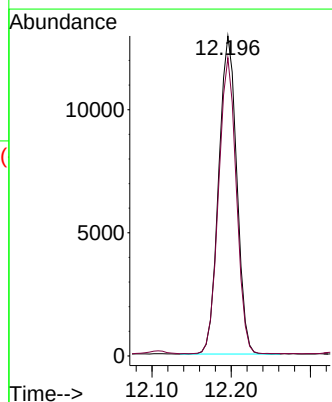
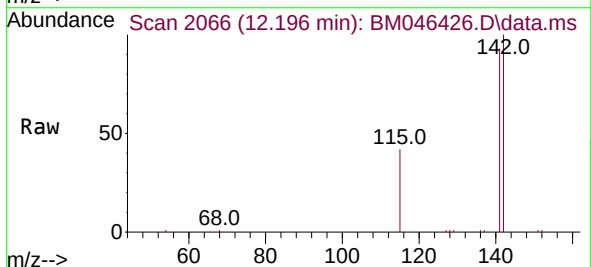
Instrument :
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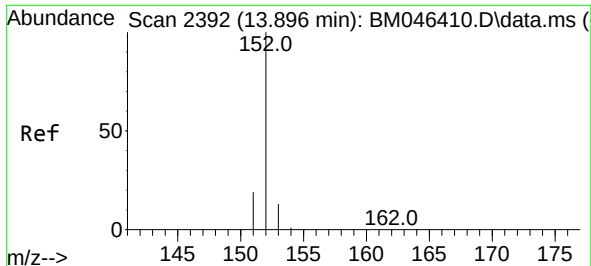
Tgt Ion:142 Resp: 21039
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:142 Resp: 20386
Ion Ratio Lower Upper
142 100
141 91.5 72.4 108.6

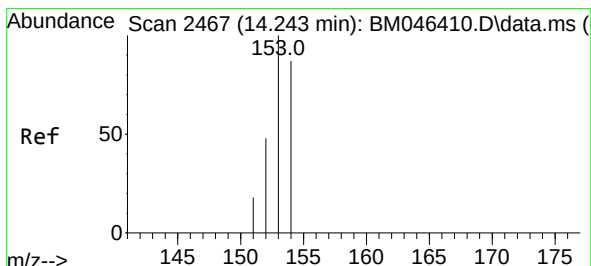
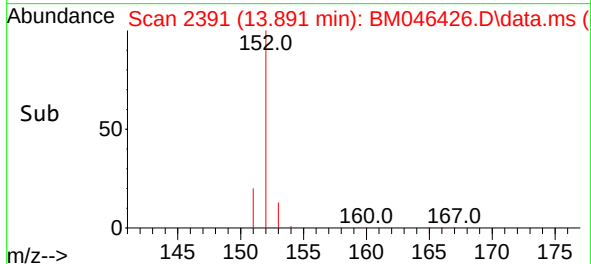
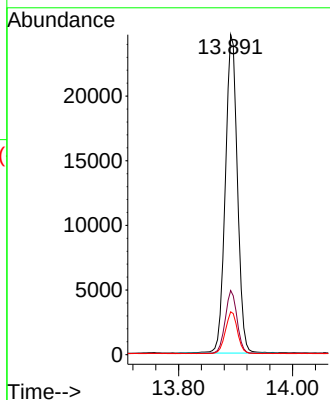
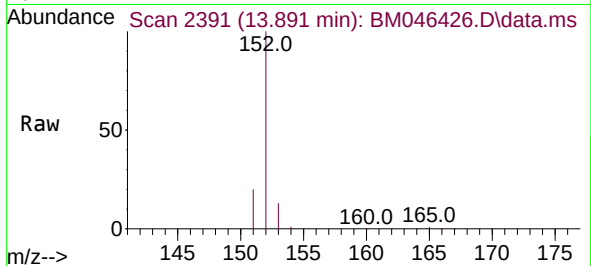




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 13.891 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

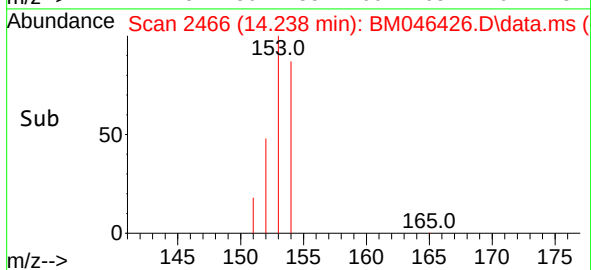
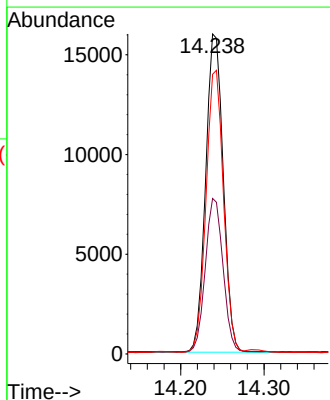
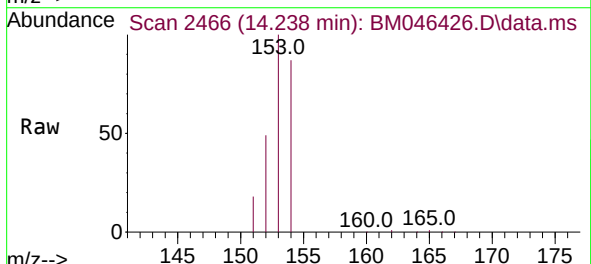
Instrument :
BNA_M
ClientSampleId :
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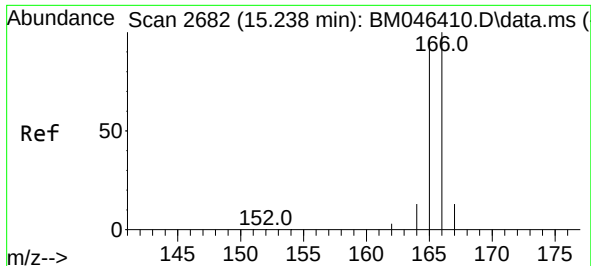
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.4	11.0	16.6



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.4	60.6
154	87.4	72.1	108.1

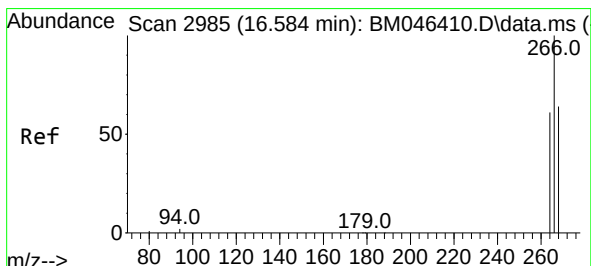
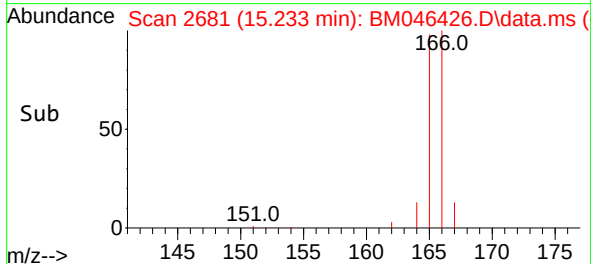
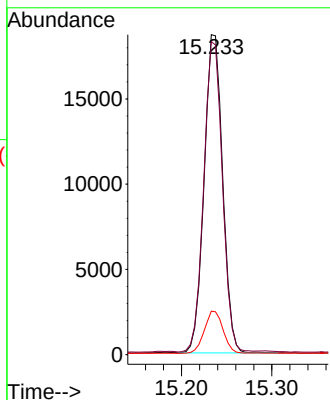
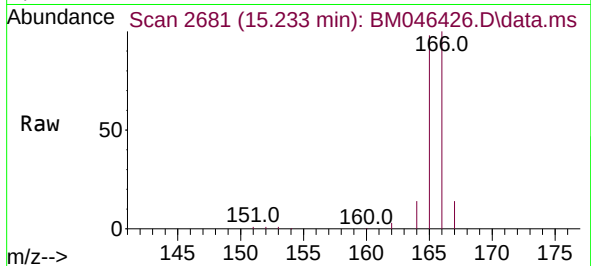




#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.233 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

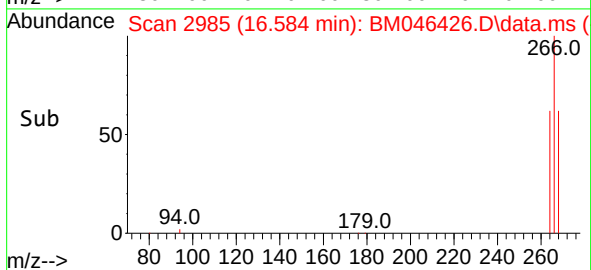
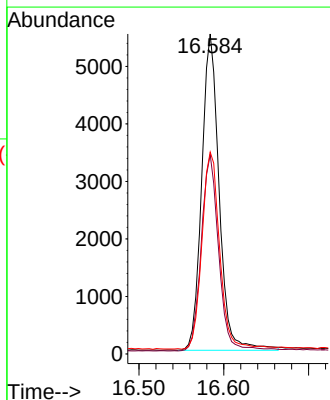
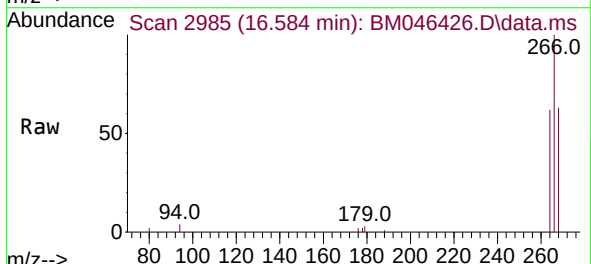
Instrument :
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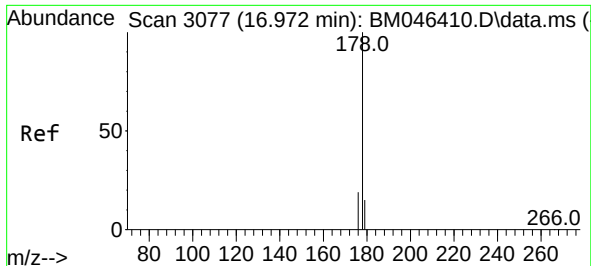
Tgt Ion:	166	Resp:	26658
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.0	117.0
167	13.6	11.4	17.0



#14
Pentachlorophenol
Concen: 0.694 ng/ul
RT: 16.584 min Scan# 2985
Delta R.T. -0.003 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:	266	Resp:	7851
Ion Ratio	Lower	Upper	
266	100		
264	62.3	51.0	76.6
268	63.7	50.8	76.2

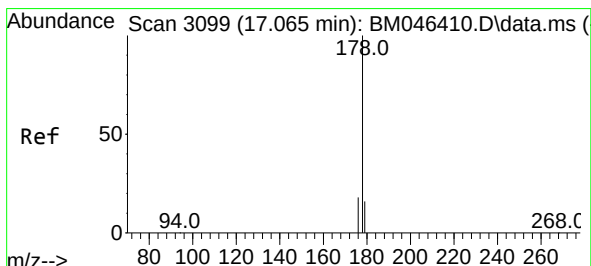
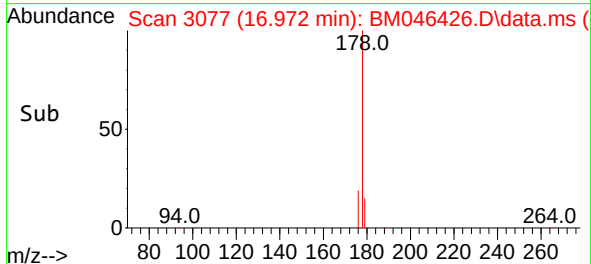
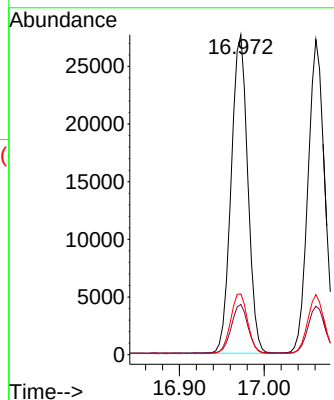
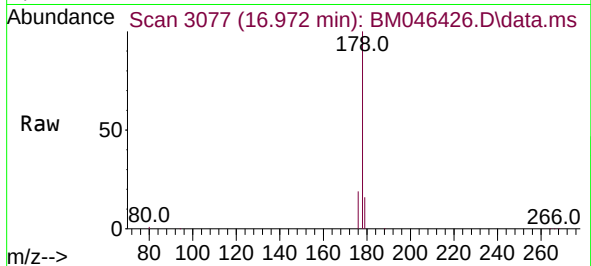




#15
Phenanthrene
Concen: 0.322 ng/u1
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

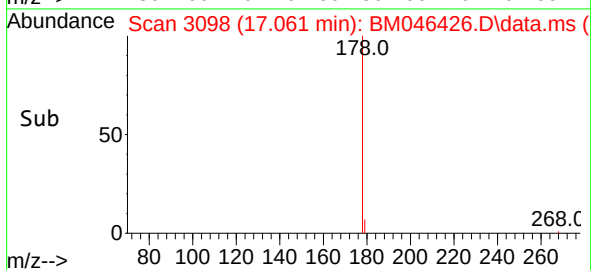
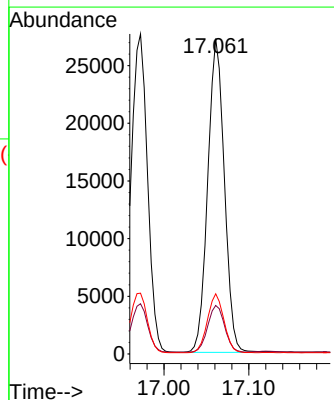
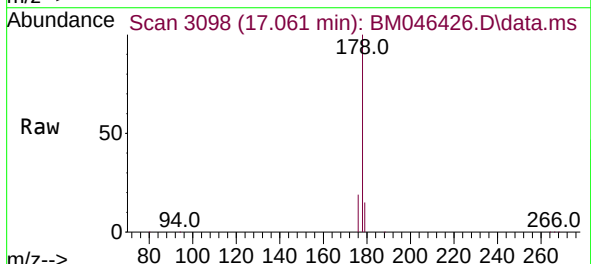
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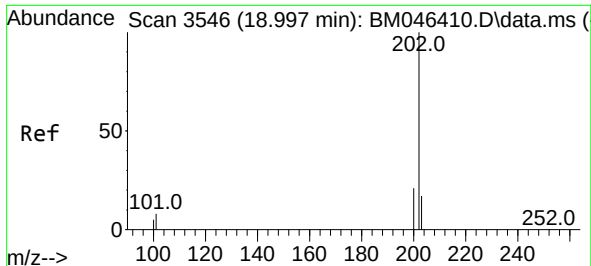
Tgt Ion:178 Resp: 37445
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 16.0 24.0



#16
Anthracene
Concen: 0.328 ng/u1
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:178 Resp: 36957
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 14.9 22.3

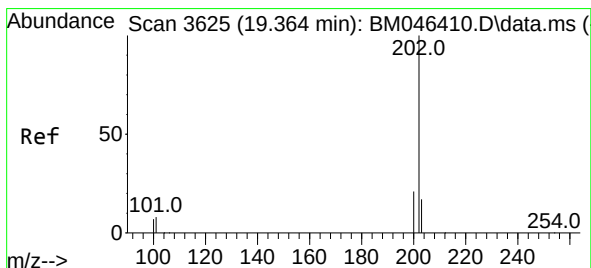
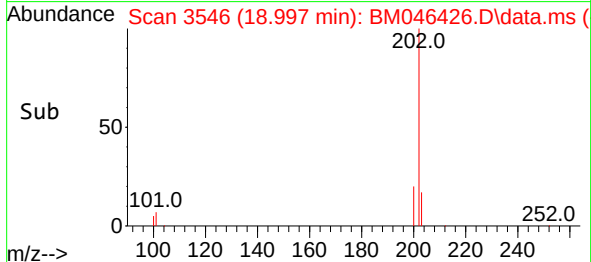
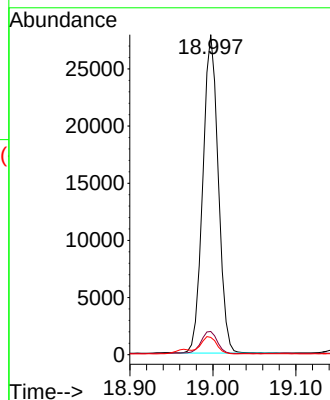
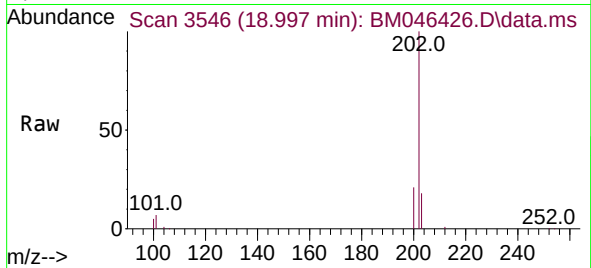




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 18.997 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

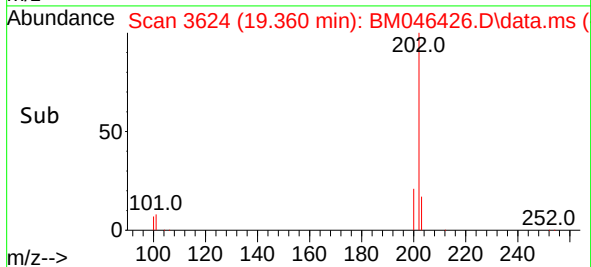
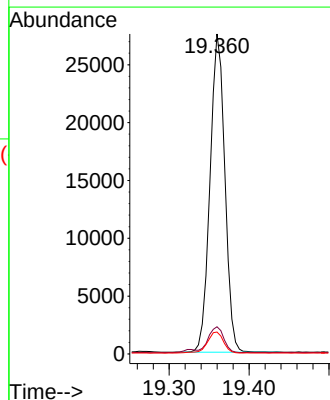
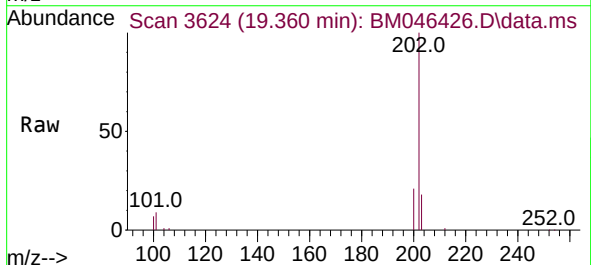
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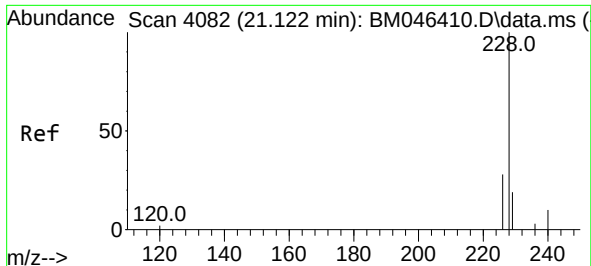
Tgt Ion:202 Resp: 36084
Ion Ratio Lower Upper
202 100
101 7.3 6.3 9.5
100 5.4 5.0 7.6



#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

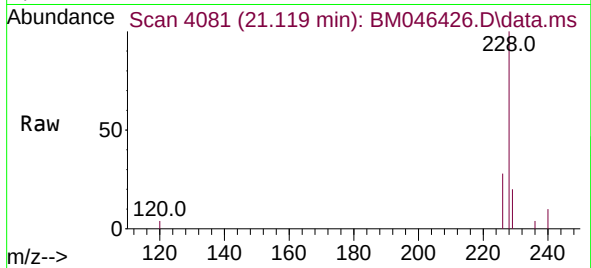
Tgt Ion:202 Resp: 35567
Ion Ratio Lower Upper
202 100
101 8.5 8.2 12.4
100 6.9 6.9 10.3#



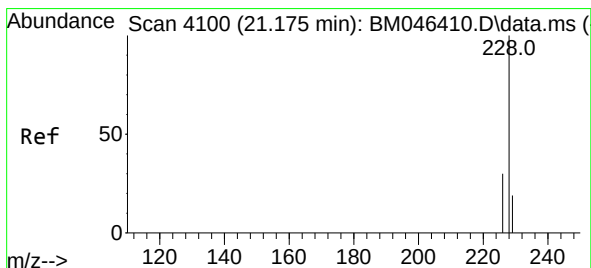
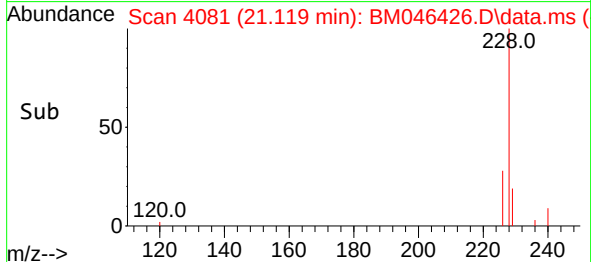
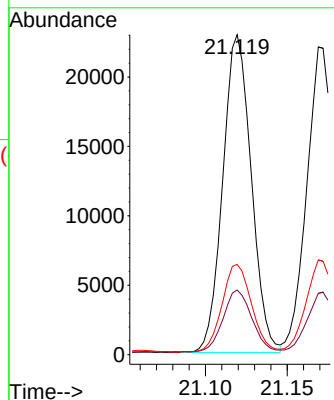


#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

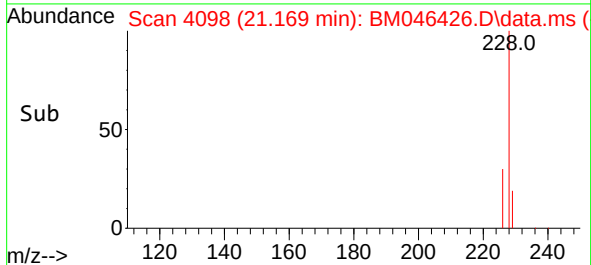
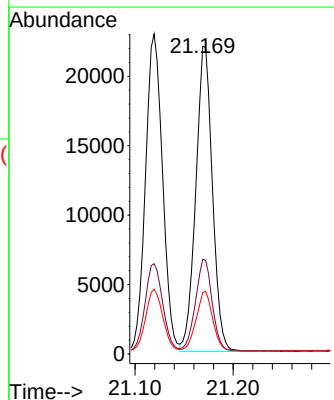
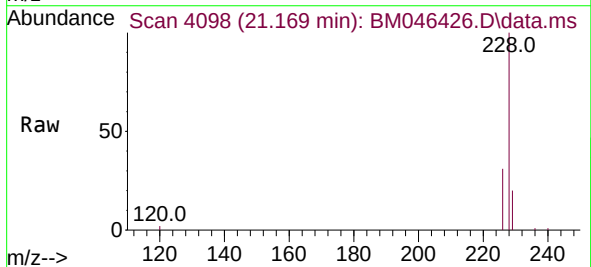


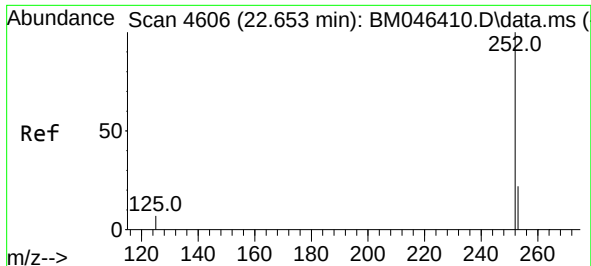
Tgt Ion:228 Resp: 27736
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 28.2 22.0 33.0



#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:228 Resp: 26005
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 19.9 15.8 23.6

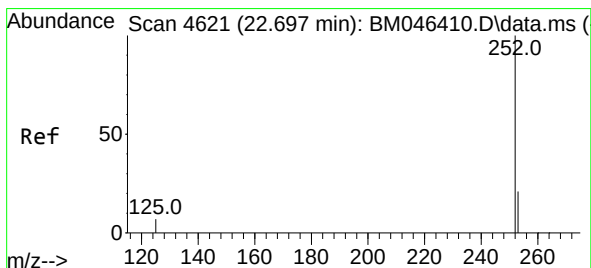
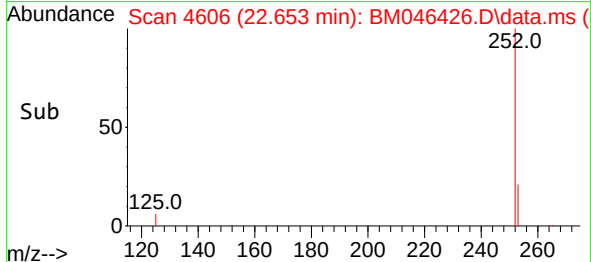
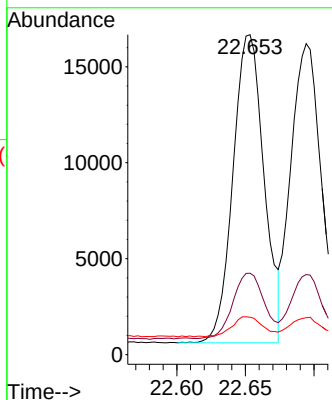
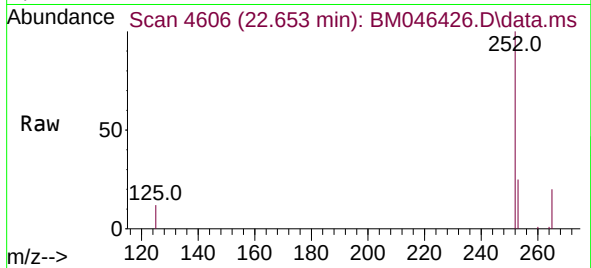




#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

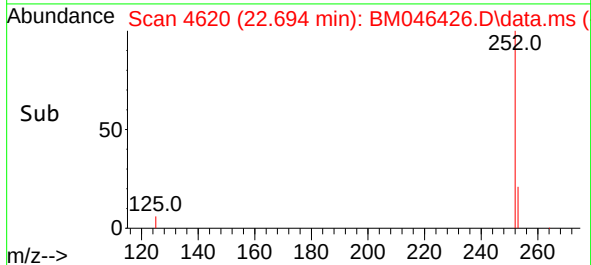
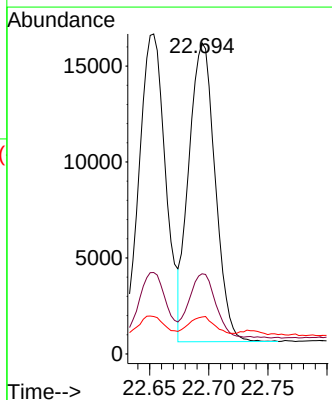
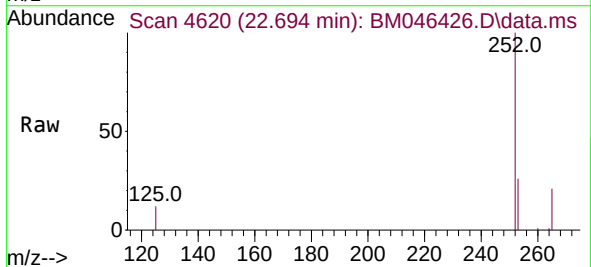
Instrument :
BNA_M
ClientSampleId :
SLCS679

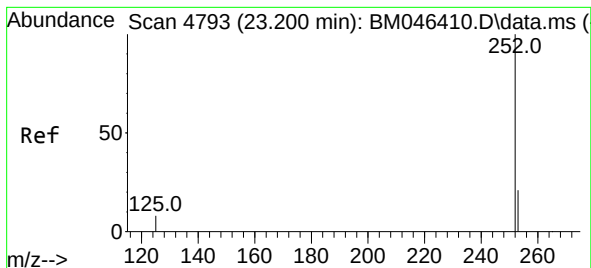
Tgt Ion:252	Resp:	25228
Ion Ratio	Lower	Upper
252	100	
253	25.5	0.0 47.0
125	11.7	0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:252	Resp:	24079
Ion Ratio	Lower	Upper
252	100	
253	25.8	18.4 27.6
125	11.9	7.5 11.3





#26

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.197 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM046426.D

Acq: 06 Jul 2024 19:28

Instrument :

BNA_M

ClientSampleId :

SLCS679

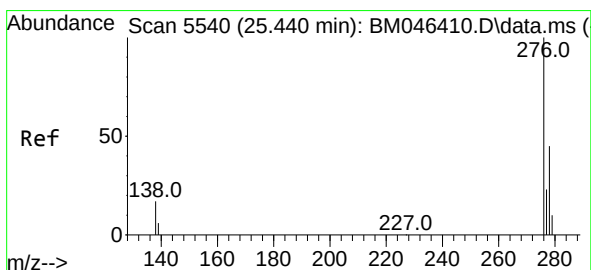
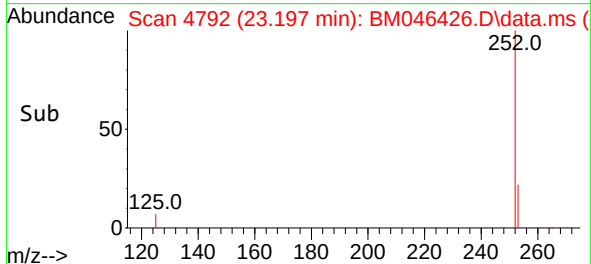
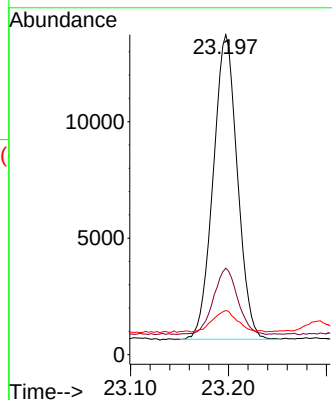
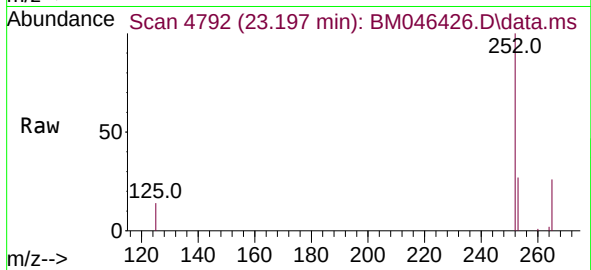
Tgt Ion:252 Resp: 22394

Ion Ratio Lower Upper

252 100

253 27.1 18.9 28.3

125 13.8 8.1 12.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

RT: 25.433 min Scan# 5538

Delta R.T. -0.014 min

Lab File: BM046426.D

Acq: 06 Jul 2024 19:28

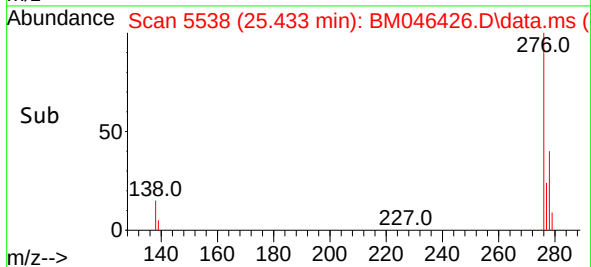
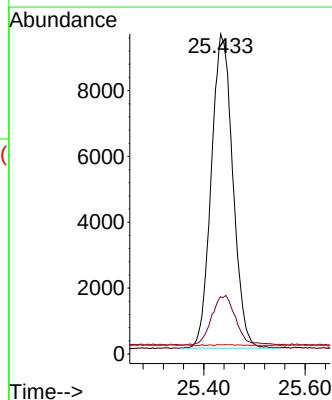
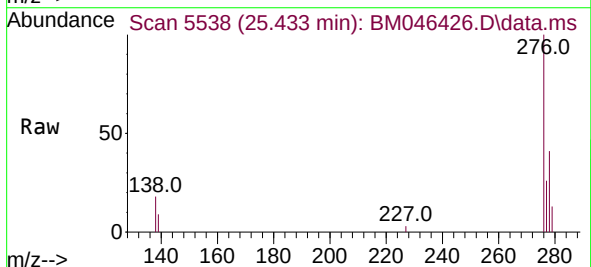
Tgt Ion:276 Resp: 28185

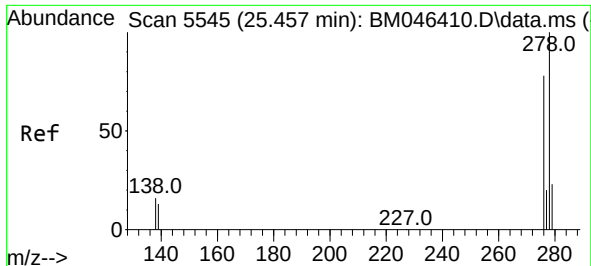
Ion Ratio Lower Upper

276 100

138 17.5 15.7 23.5

227 0.3 0.1 0.1#

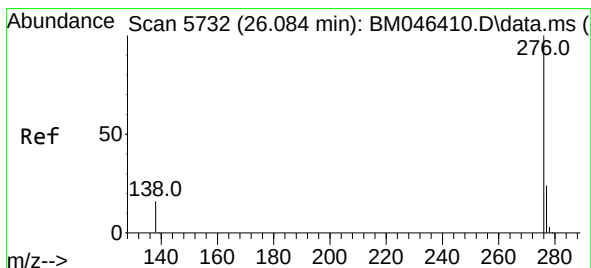
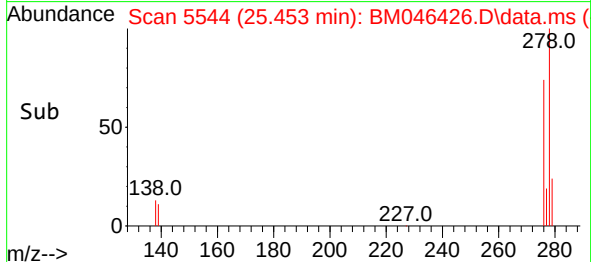
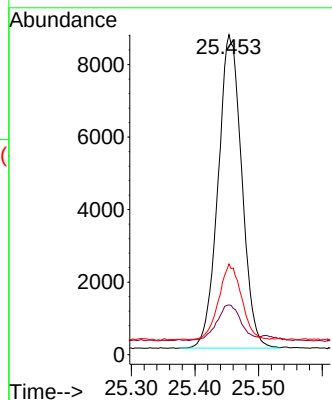
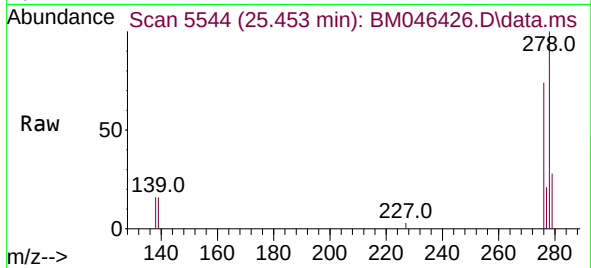




#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.453 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:278 Resp: 22358
Ion Ratio Lower Upper
278 100
139 15.5 12.6 18.8
279 28.4 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.081 min Scan# 5731
Delta R.T. -0.010 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:276 Resp: 22984
Ion Ratio Lower Upper
276 100
138 17.8 15.4 23.0
277 26.2 19.7 29.5

