

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046392.D
 Acq On : 05 Jul 2024 21:25
 Operator : MA/JU
 Sample : PB161718BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS718

Quant Time: Jul 05 23:11:40 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)

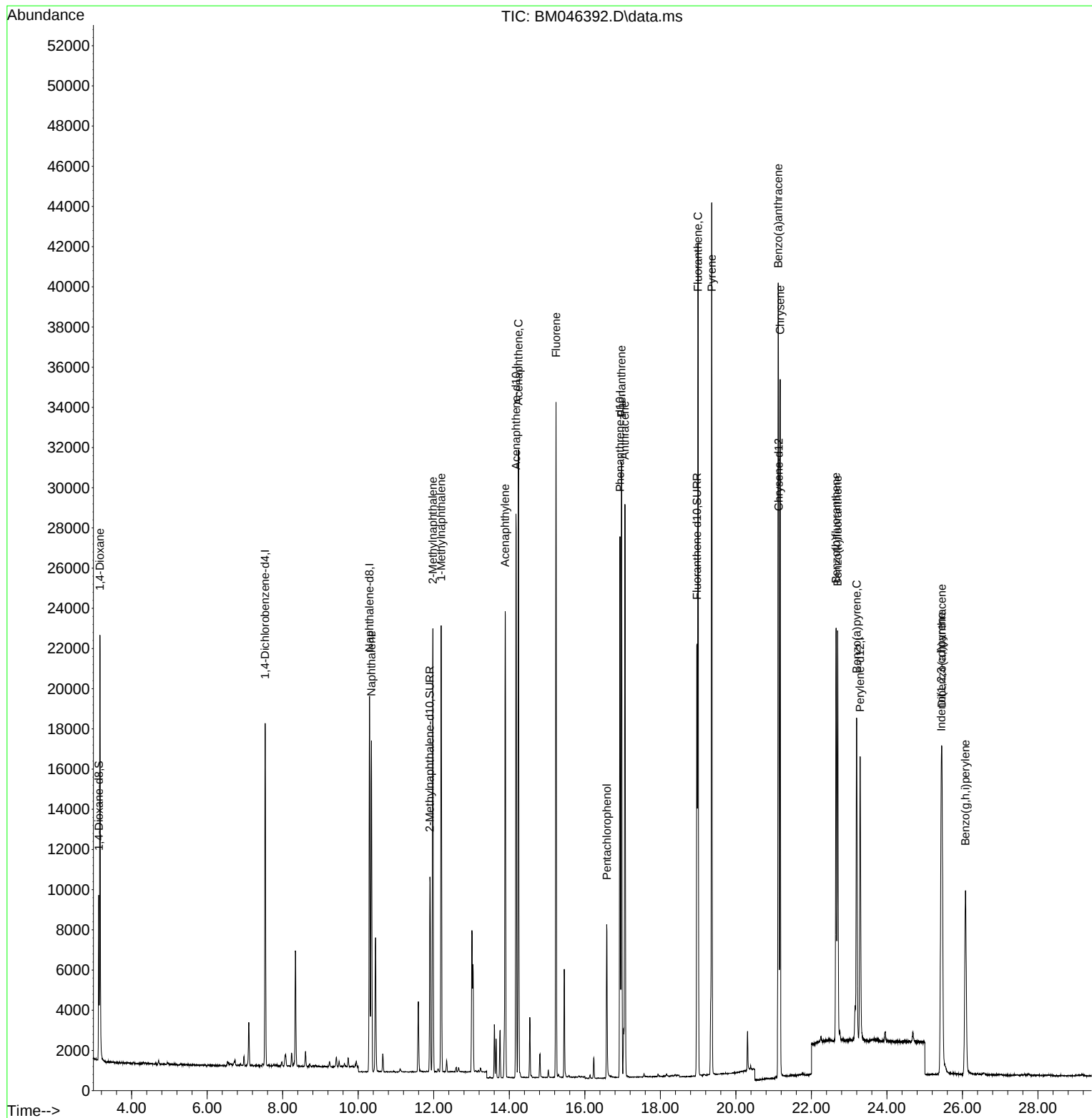
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	8159	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	24077	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	15094	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	31021	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	18577	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	16962	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4465	0.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	12448	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	23935	0.368	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.160	88	12172	1.275	ng/ul#	91
5) Naphthalene	10.348	128	21717	0.340	ng/ul	100
7) 2-Methylnaphthalene	11.976	142	14705	0.340	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	14405	0.323	ng/ul	98
10) Acenaphthylene	13.891	152	25716	0.336	ng/ul	99
11) Acenaphthene	14.243	153	16869	0.338	ng/ul	99
12) Fluorene	15.238	166	19473	0.330	ng/ul	99
14) Pentachlorophenol	16.580	266	4901	0.541	ng/ul	99
15) Phenanthrene	16.972	178	31033	0.334	ng/ul	98
16) Anthracene	17.061	178	30089	0.334	ng/ul	99
19) Fluoranthene	18.997	202	34604	0.369	ng/ul	99
20) Pyrene	19.360	202	35188	0.364	ng/ul	100
21) Benzo(a)anthracene	21.119	228	29061	0.350	ng/ul	99
22) Chrysene	21.172	228	27863	0.338	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	25241	0.350	ng/ul	99
25) Benzo(k)fluoranthene	22.694	252	25405	0.349	ng/ul	99
26) Benzo(a)pyrene	23.197	252	22221	0.390	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.437	276	23759	0.309	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.457	278	18906	0.317	ng/ul	99
29) Benzo(g,h,i)perylene	26.081	276	19028	0.310	ng/ul	100

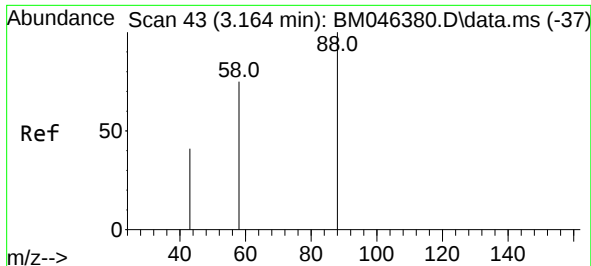
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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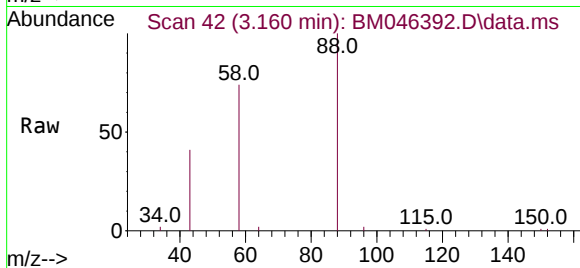
Quant Time: Jul 05 23:11:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
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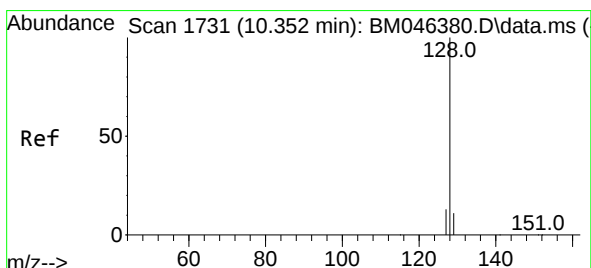
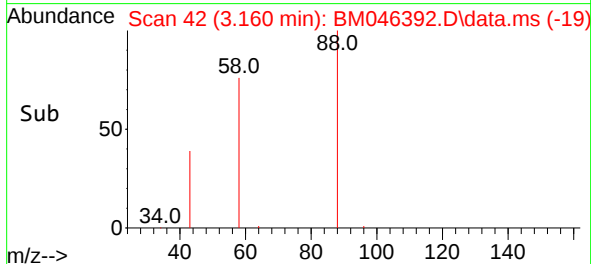
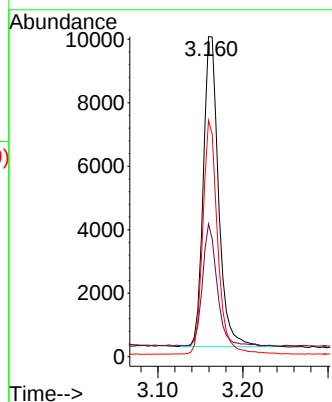
#2
1,4-Dioxane
Concen: 1.275 ng/ul
RT: 3.160 min Scan# 43
Delta R.T. -0.004 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Instrument :
BNA_M
ClientSampleId :
SLCS718



Tgt Ion: 88 Resp: 12172

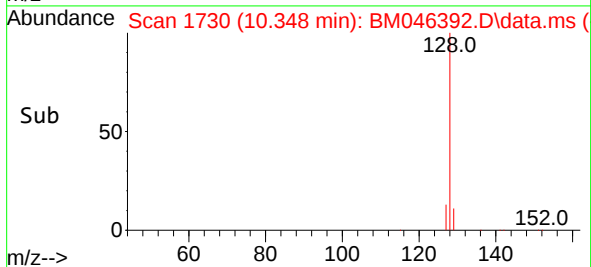
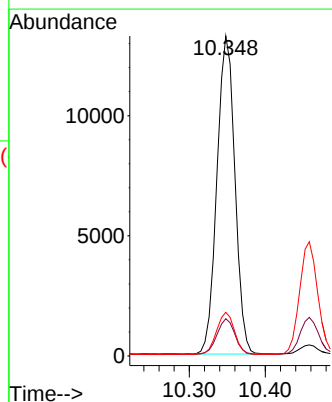
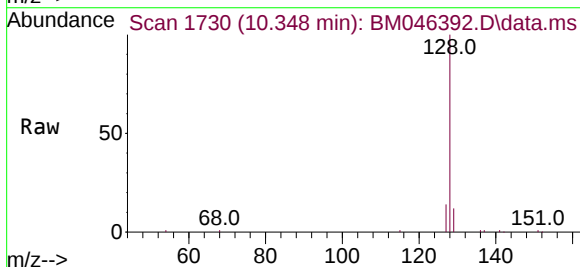
Ion	Ratio	Lower	Upper
88	100		
43	41.5	41.9	62.9#
58	73.9	56.5	84.7

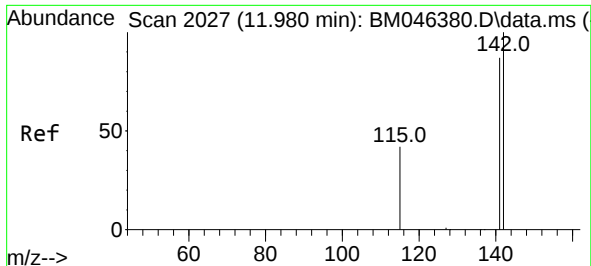


#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Tgt Ion: 128 Resp: 21717

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.6	10.8	16.2

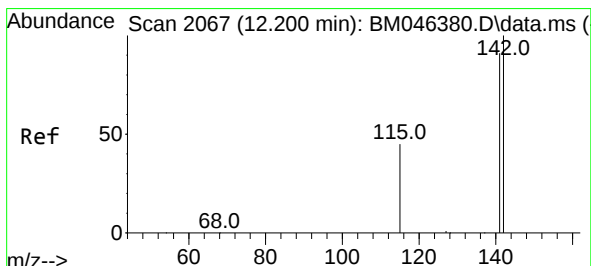
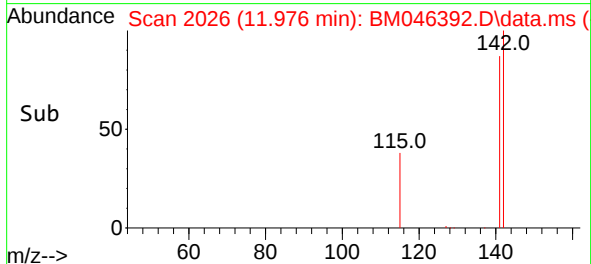
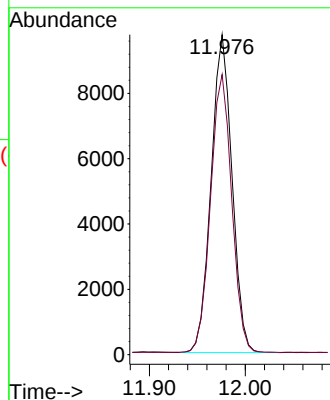
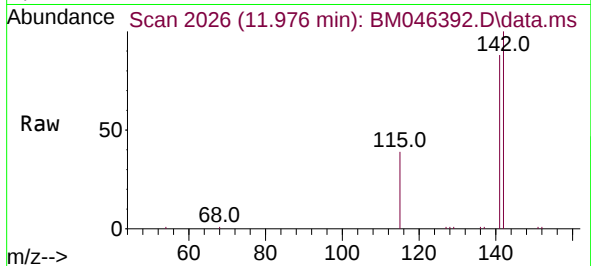




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 11.976 min Scan# 2027
Delta R.T. -0.004 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

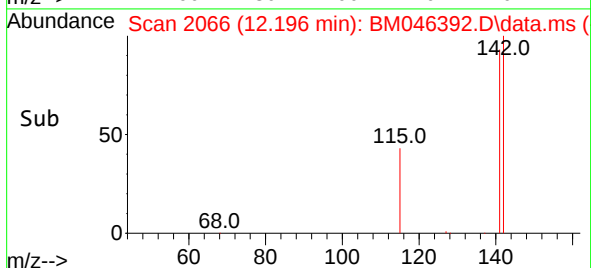
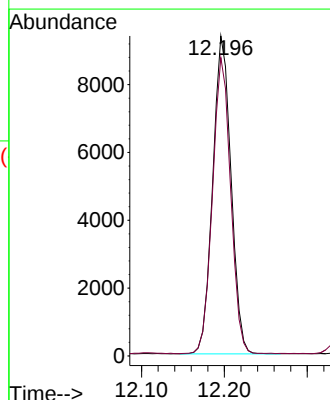
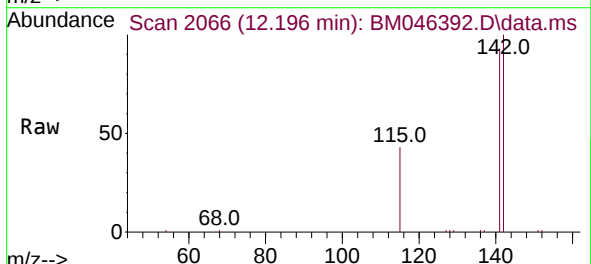
Instrument :
BNA_M
ClientSampleId :
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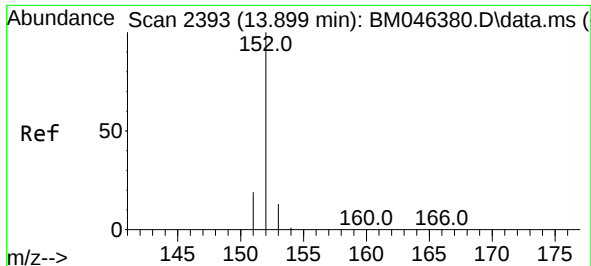
Tgt Ion:142 Resp: 14705
Ion Ratio Lower Upper
142 100
141 88.9 69.8 104.6



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Tgt Ion:142 Resp: 14405
Ion Ratio Lower Upper
142 100
141 92.1 72.4 108.6

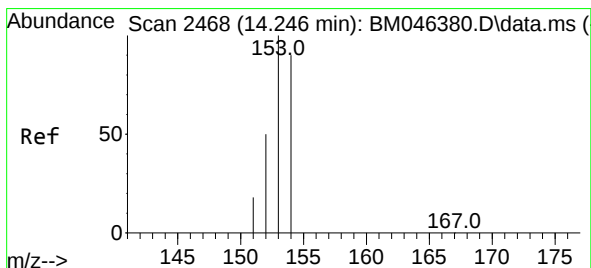
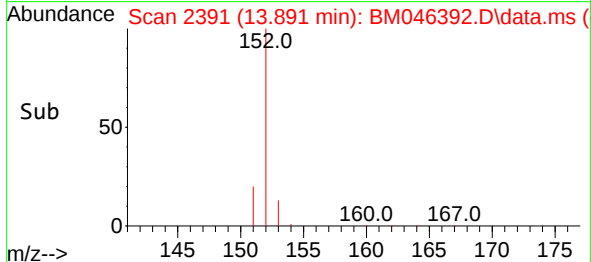
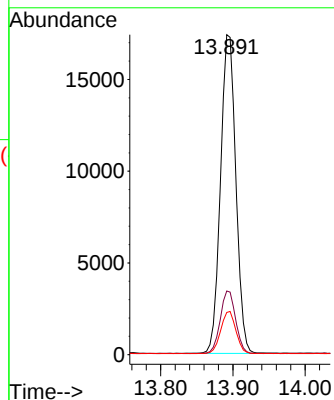
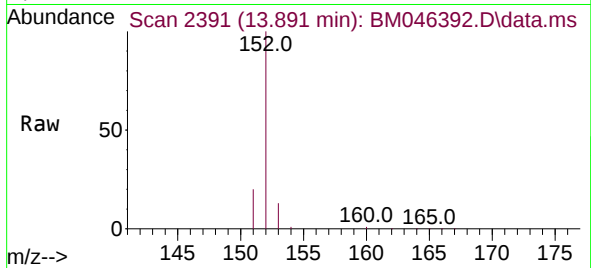




#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 13.891 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

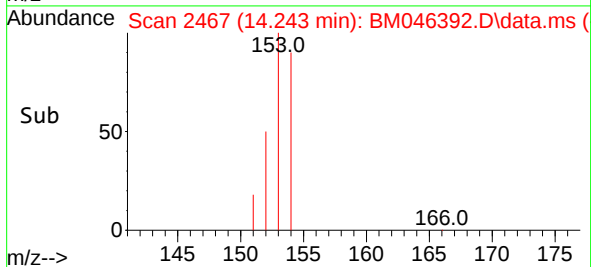
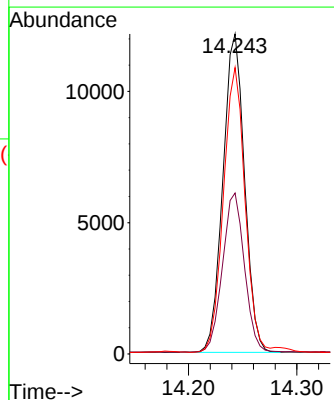
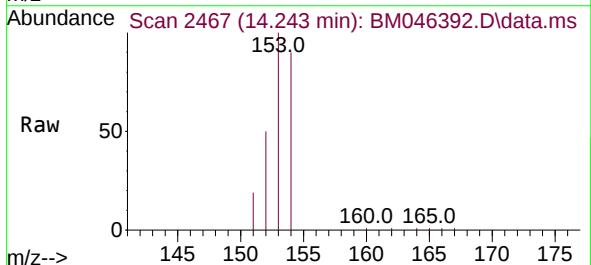
Instrument :
BNA_M
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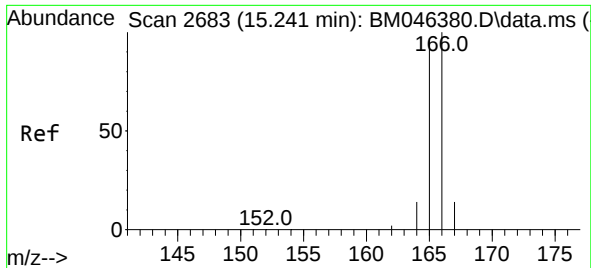
Tgt Ion:152 Resp: 25716
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 11.0 16.6



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Tgt Ion:153 Resp: 16869
Ion Ratio Lower Upper
153 100
152 50.3 40.4 60.6
154 89.5 72.1 108.1

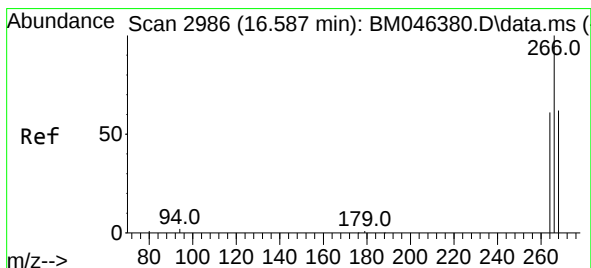
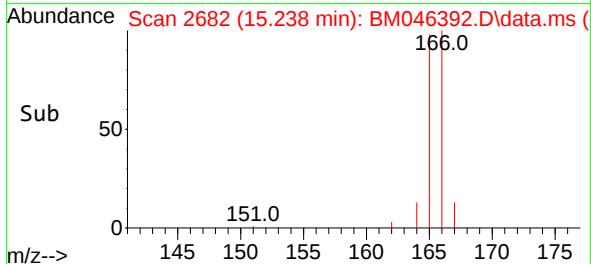
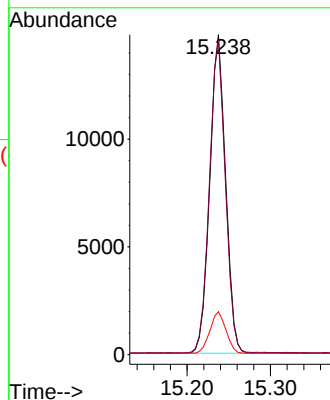
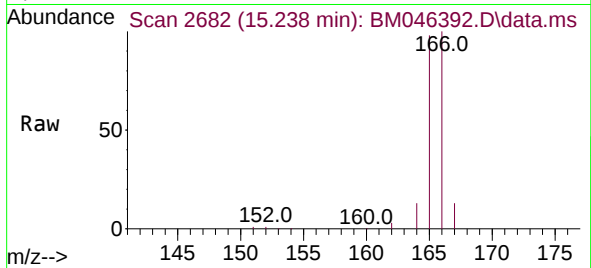




#12
 Fluorene
 Concen: 0.330 ng/ul
 RT: 15.238 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: BM046392.D
 Acq: 05 Jul 2024 21:25

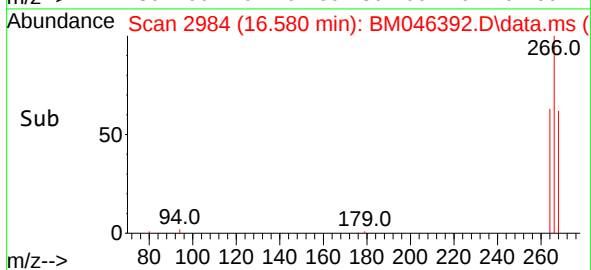
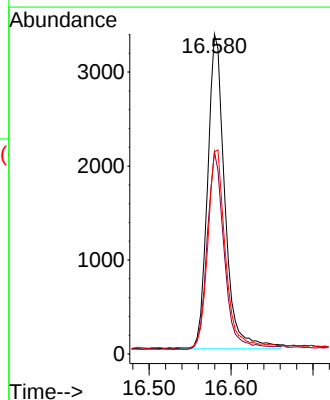
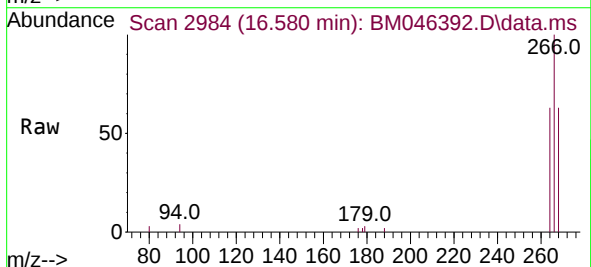
Instrument :
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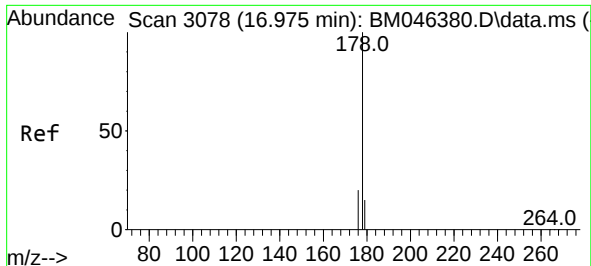
Tgt Ion:166	Resp:	19473
Ion Ratio	Lower	Upper
166	100	
165	98.4	78.0 117.0
167	13.4	11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.541 ng/ul
 RT: 16.580 min Scan# 2984
 Delta R.T. -0.007 min
 Lab File: BM046392.D
 Acq: 05 Jul 2024 21:25

Tgt Ion:266	Resp:	4901
Ion Ratio	Lower	Upper
266	100	
264	62.4	51.0 76.6
268	64.2	50.8 76.2

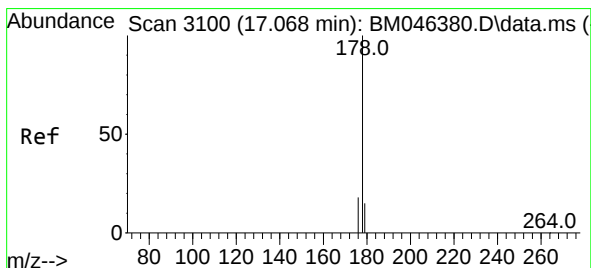
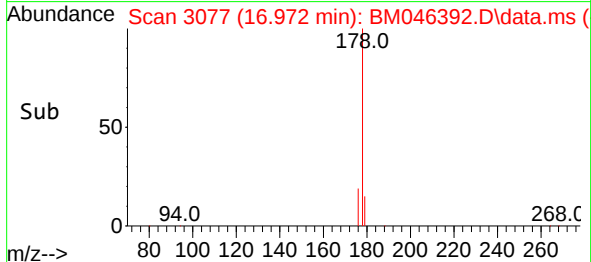
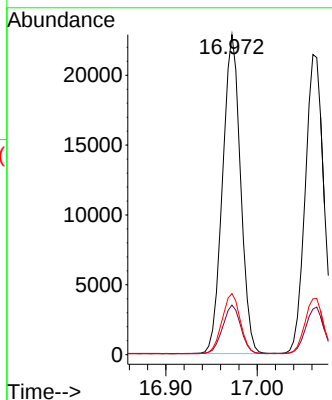
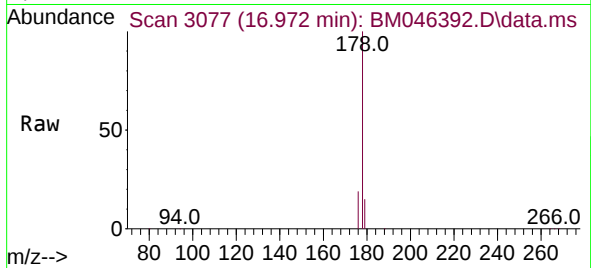




#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

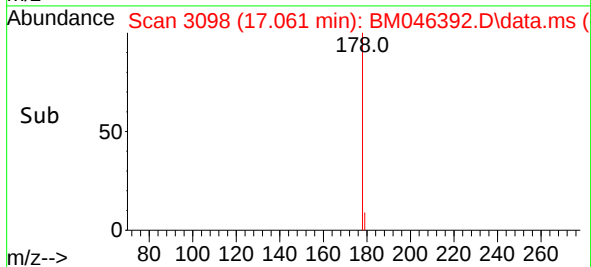
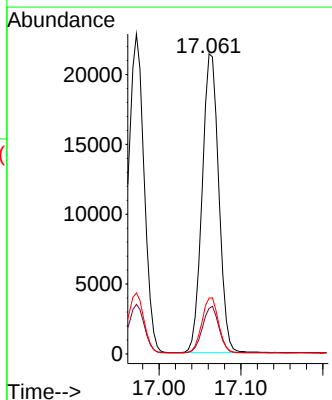
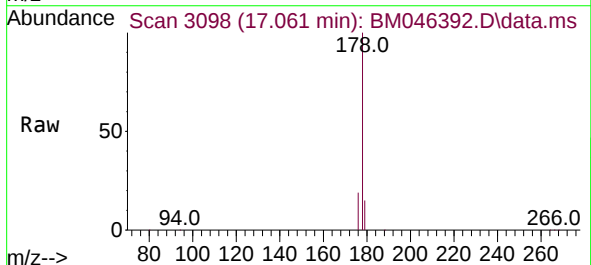
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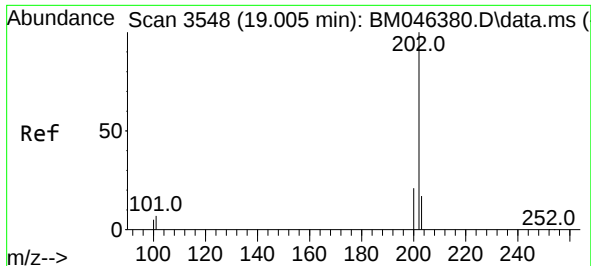
Tgt Ion:178 Resp: 31033
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.1 16.0 24.0



#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Tgt Ion:178 Resp: 30089
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 18.6 14.9 22.3

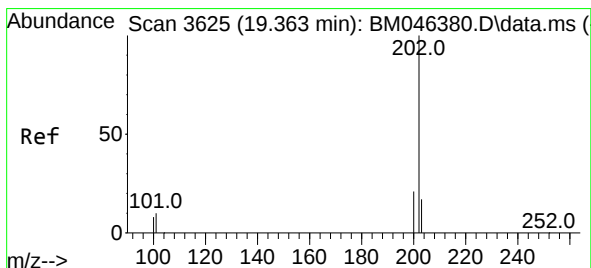
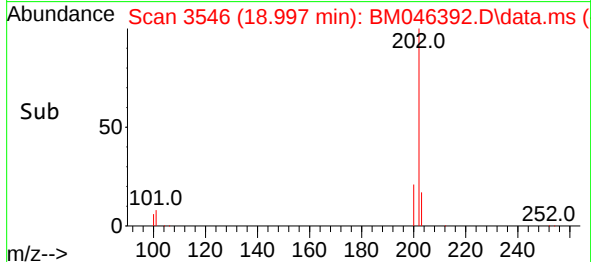
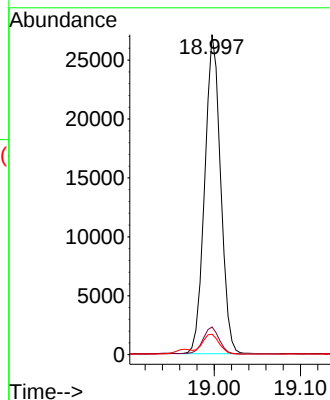
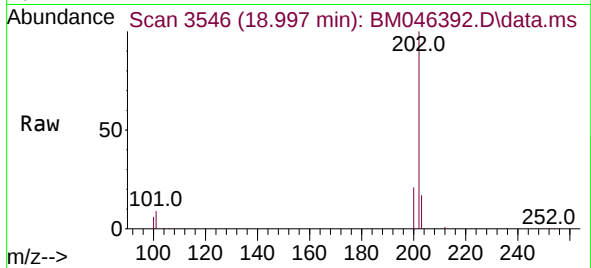




#19
Fluoranthene
Concen: 0.369 ng/u1
RT: 18.997 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

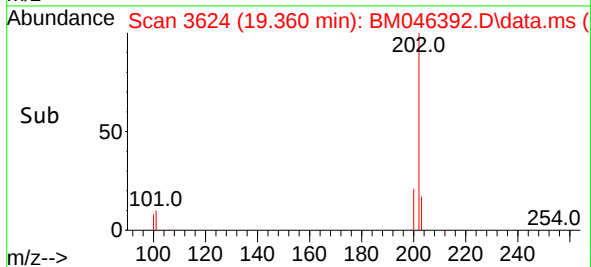
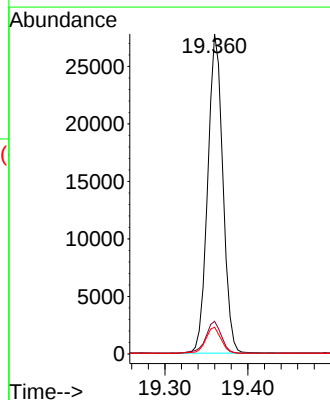
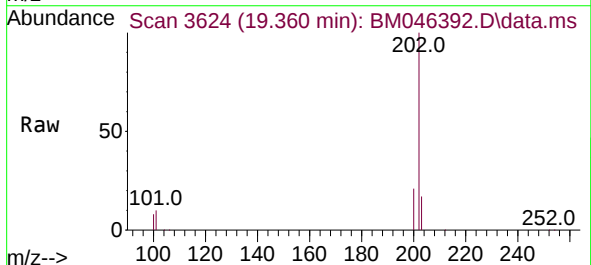
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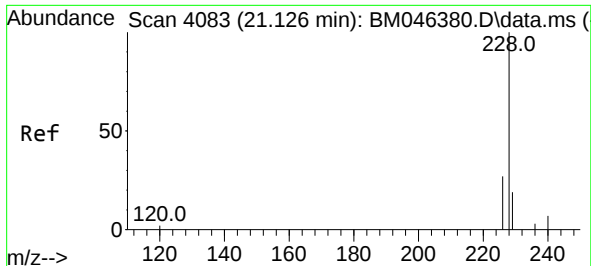
Tgt Ion:202 Resp: 34604
Ion Ratio Lower Upper
202 100
101 8.7 6.3 9.5
100 6.4 5.0 7.6



#20
Pyrene
Concen: 0.364 ng/u1
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

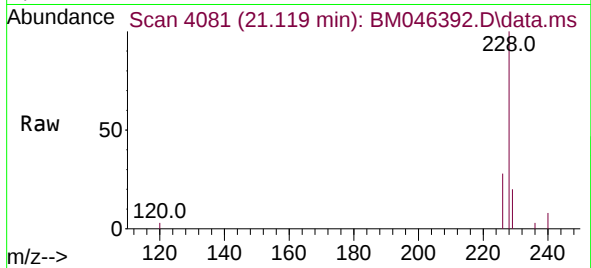
Tgt Ion:202 Resp: 35188
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.4
100 8.3 6.9 10.3



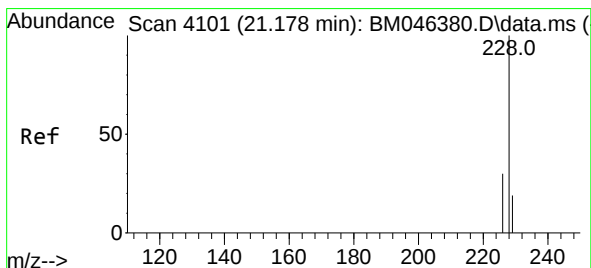
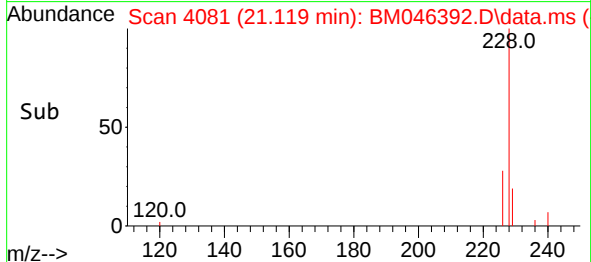
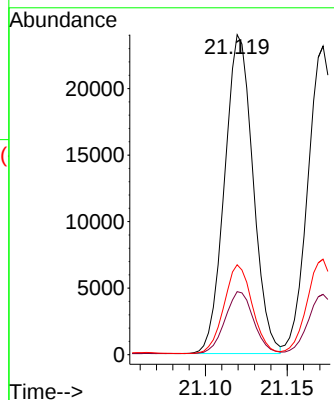


#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Instrument :
BNA_M
ClientSampleId :
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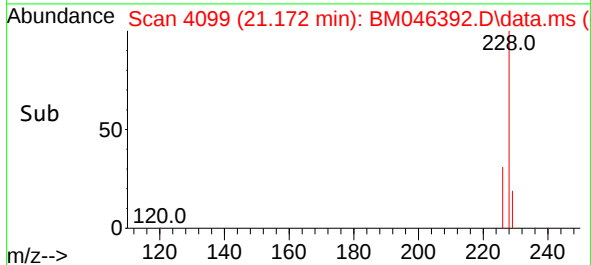
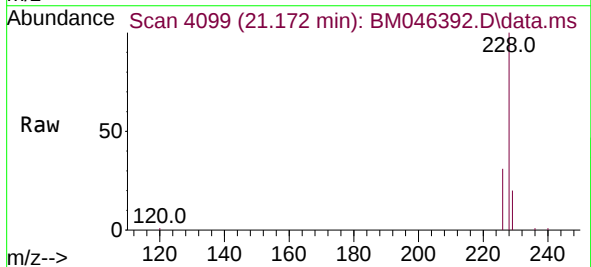
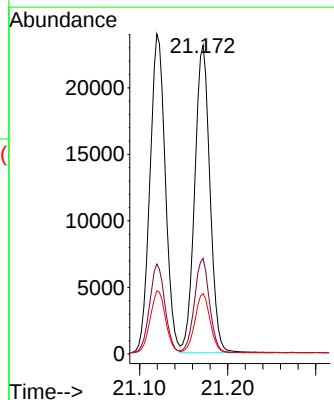


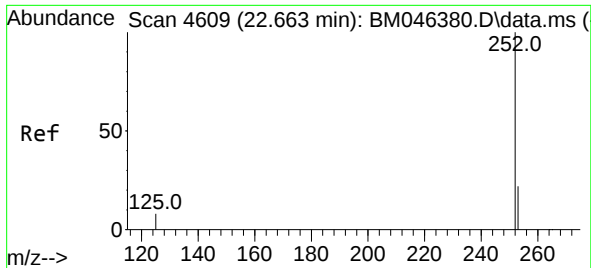
Tgt Ion:228 Resp: 29061
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 28.1 22.0 33.0



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Tgt Ion:228 Resp: 27863
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 19.5 15.8 23.6

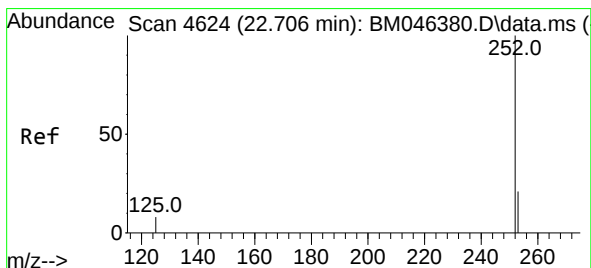
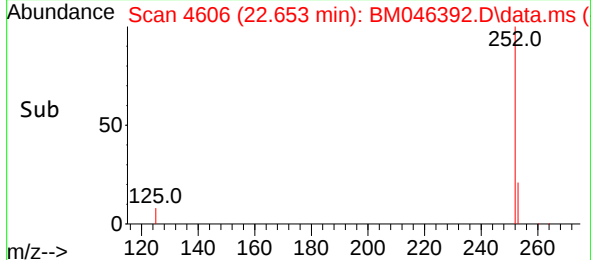
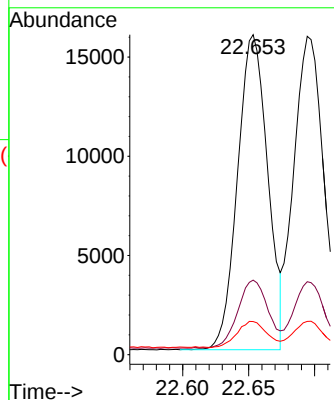
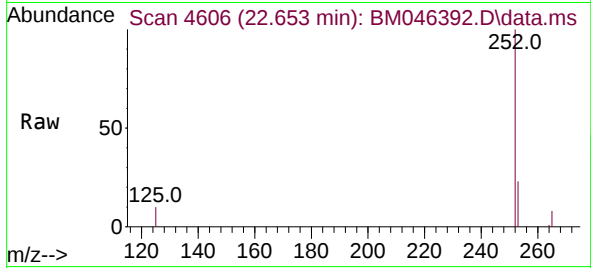




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

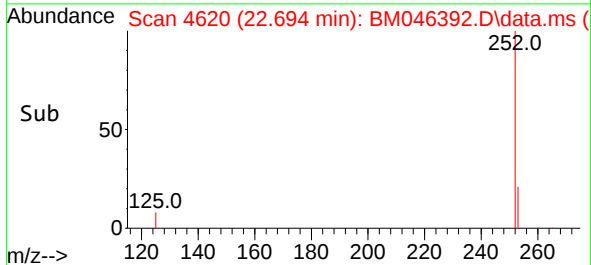
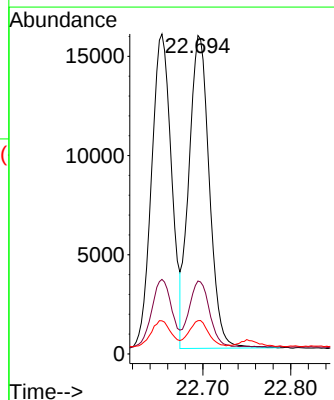
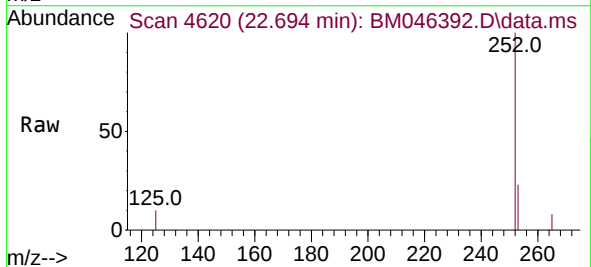
Instrument :
BNA_M
ClientSampleId :
SLCS718

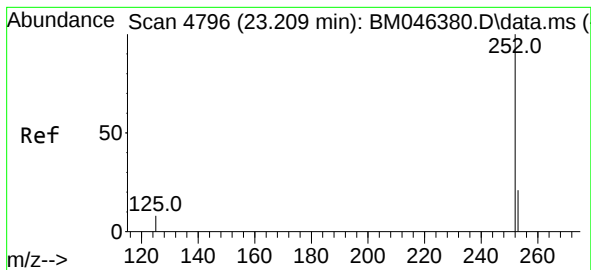
Tgt Ion:252	Resp:	25241
Ion Ratio	Lower	Upper
252	100	
253	23.3	0.0 47.0
125	10.4	0.0 18.4



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Tgt Ion:252	Resp:	25405
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.4 27.6
125	10.4	7.5 11.3

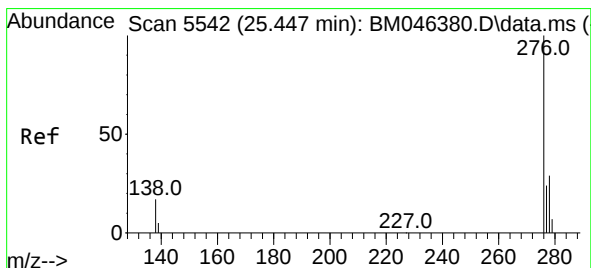
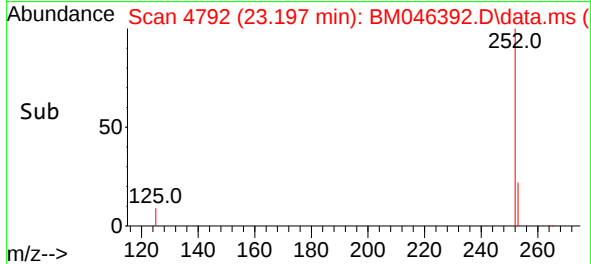
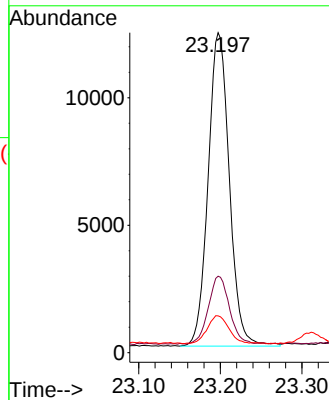
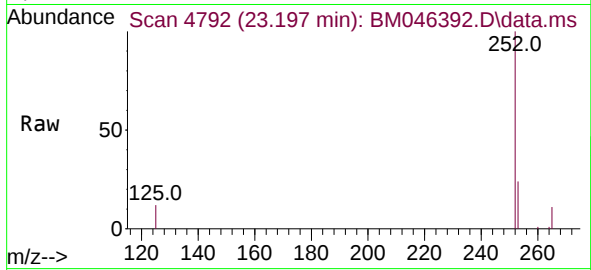




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.197 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

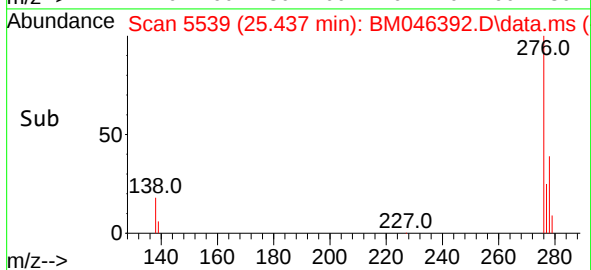
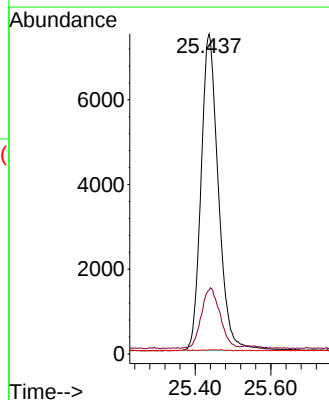
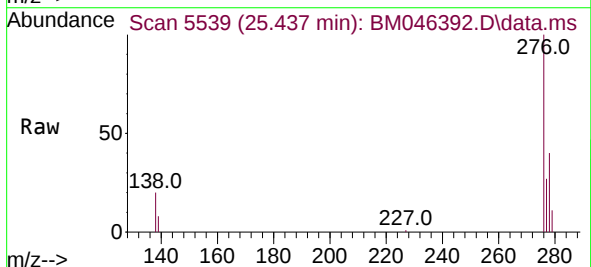
Instrument :
BNA_M
ClientSampleId :
SLCS718

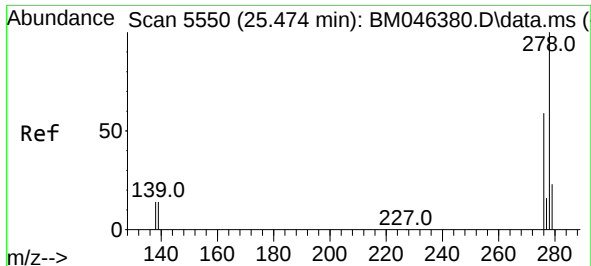
Tgt Ion:	252	Resp:	22221
Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	11.5	8.1	12.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.010 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Tgt Ion:	276	Resp:	23759
Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.7	23.5
227	0.1	0.1	0.1#

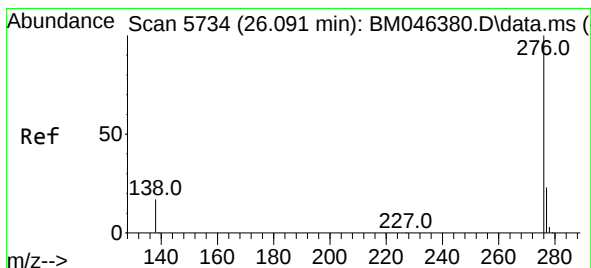
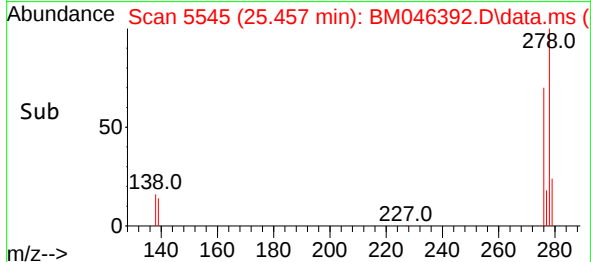
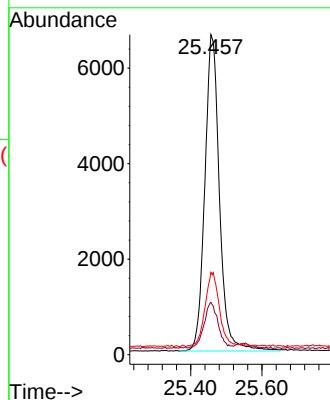
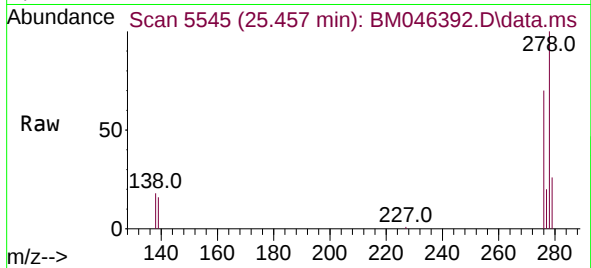




#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 25.457 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Instrument :
BNA_M
ClientSampleId :
SLCS718

Tgt Ion:278 Resp: 18906
Ion Ratio Lower Upper
278 100
139 16.4 12.6 18.8
279 25.8 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 26.081 min Scan# 5731
Delta R.T. -0.010 min
Lab File: BM046392.D
Acq: 05 Jul 2024 21:25

Tgt Ion:276 Resp: 19028
Ion Ratio Lower Upper
276 100
138 18.8 15.4 23.0
277 24.6 19.7 29.5

