

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040665.D
 Acq On : 06 Jul 2023 06:57
 Operator : MA/JU
 Sample : PB153783BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS783

Quant Time: Jul 06 07:29:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

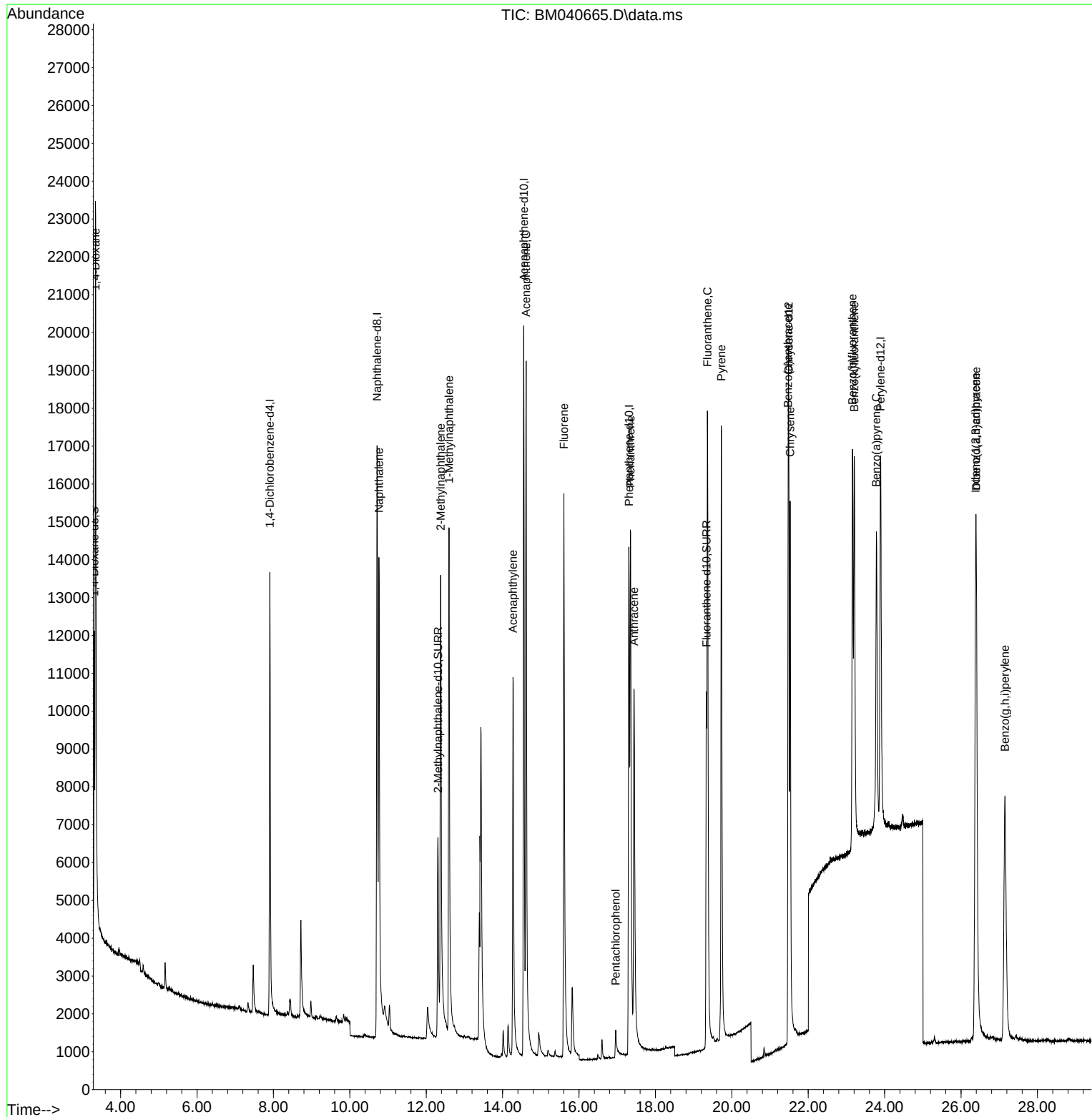
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	6952	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	26986	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.554	164	12944	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	23522	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	14359	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	16945	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	4581	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	10260	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	14145	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	13207	1.188	ng/ul	93
5) Naphthalene	10.762	128	20161	0.271	ng/ul	99
7) 2-Methylnaphthalene	12.378	142	12076	0.276	ng/ul	98
8) 1-Methylnaphthalene	12.598	142	11658	0.267	ng/ul	99
10) Acenaphthylene	14.272	152	16138	0.279	ng/ul	99
11) Acenaphthene	14.614	153	12837	0.263	ng/ul	99
12) Fluorene	15.604	166	13513	0.259	ng/ul	99
14) Pentachlorophenol	16.961	266	1006	0.222	ng/ul	91
15) Phenanthrene	17.349	178	19124	0.262	ng/ul	99
16) Anthracene	17.442	178	16521	0.269	ng/ul	99
19) Fluoranthene	19.361	202	18563	0.304	ng/ul	99
20) Pyrene	19.723	202	19182	0.293	ng/ul	98
21) Benzo(a)anthracene	21.474	228	14518	0.299	ng/ul	99
22) Chrysene	21.526	228	15107	0.273	ng/ul	99
24) Benzo(b)fluoranthene	23.157	252	16669	0.254	ng/ul	94
25) Benzo(k)fluoranthene	23.207	252	16176	0.250	ng/ul	92
26) Benzo(a)pyrene	23.783	252	15537	0.263	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.383	276	21686	0.264	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.397	278	17228	0.267	ng/ul	97
29) Benzo(g,h,i)perylene	27.151	276	18733	0.260	ng/ul	99

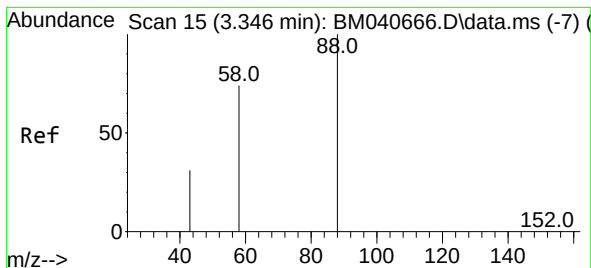
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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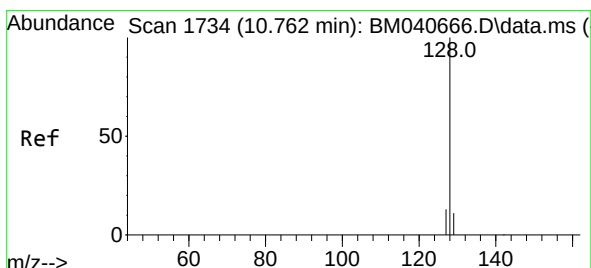
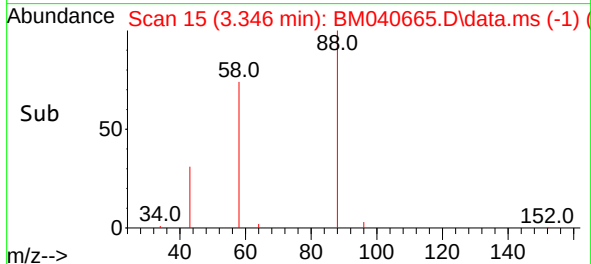
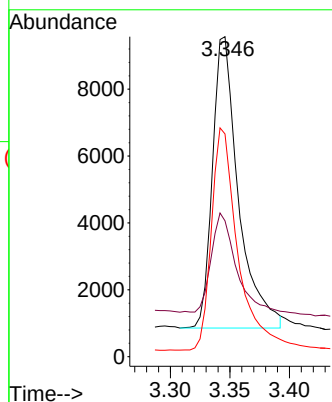
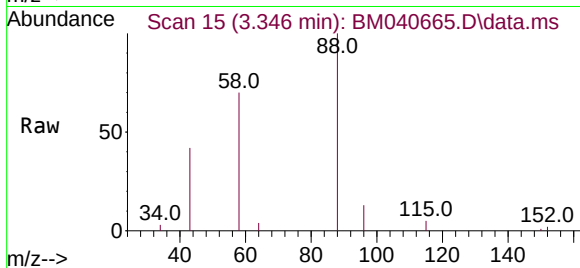




#2
1,4-Dioxane
Concen: 1.188 ng/ul
RT: 3.346 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

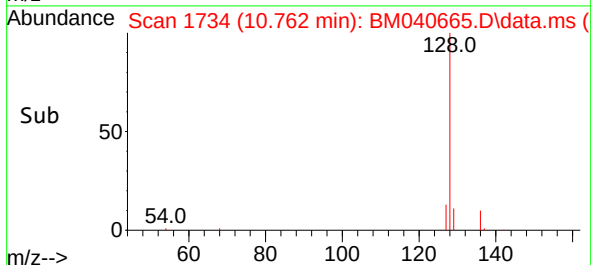
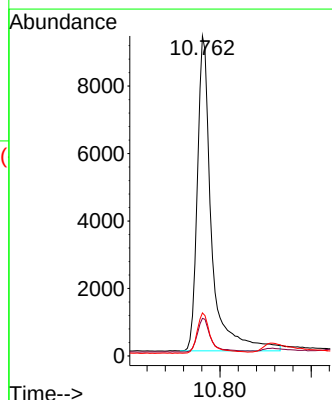
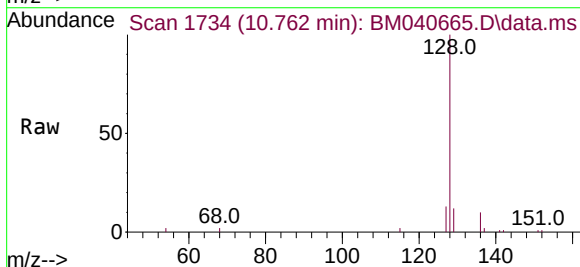
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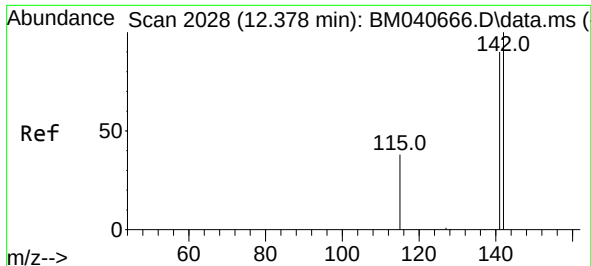
Tgt Ion: 88 Resp: 13207
Ion Ratio Lower Upper
88 100
43 42.5 36.1 54.1
58 69.6 49.8 74.8



#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.762 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:128 Resp: 20161
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.6 15.8

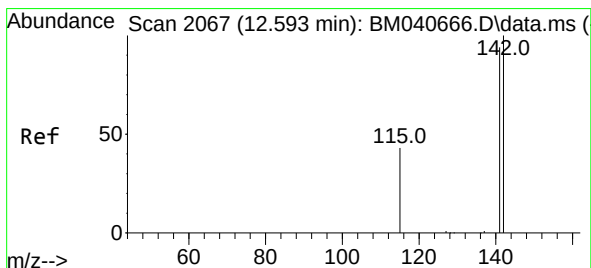
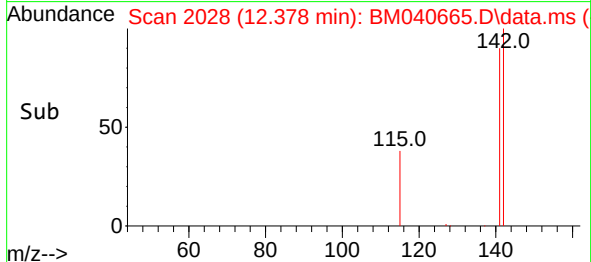
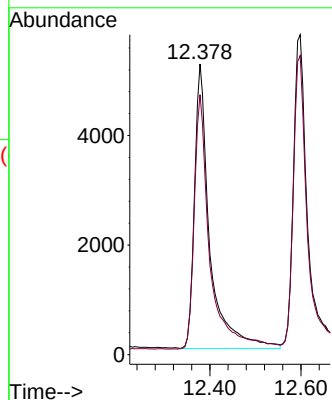
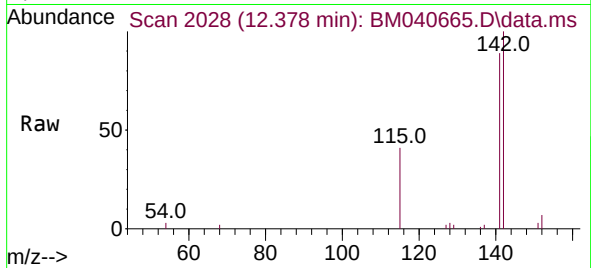




#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

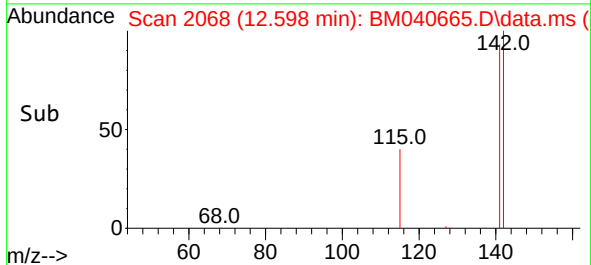
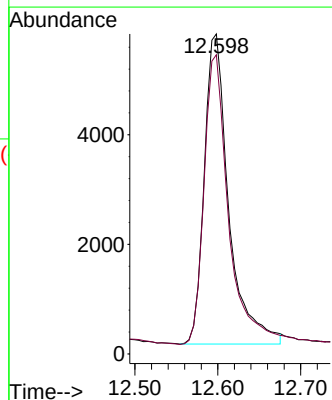
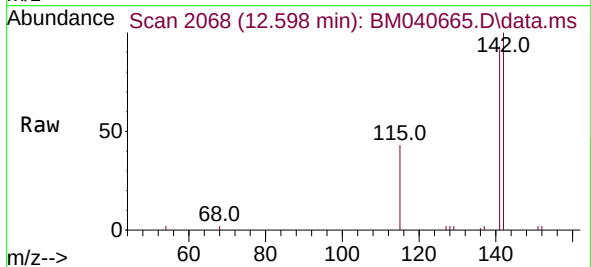
Instrument :
BNA_M
ClientSampleId :
SLCS783

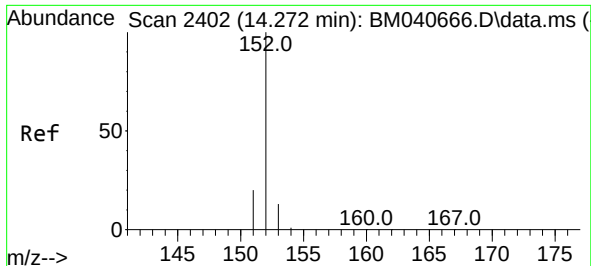
Tgt Ion:142 Resp: 12076
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.598 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:142 Resp: 11658
Ion Ratio Lower Upper
142 100
141 93.4 73.7 110.5

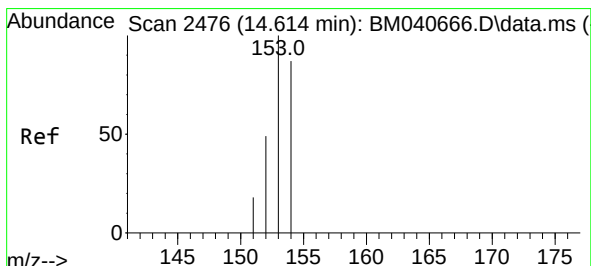
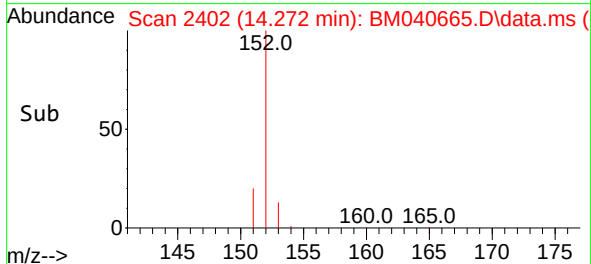
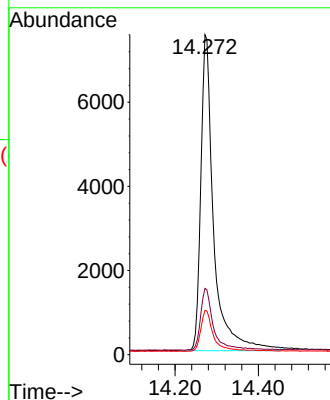
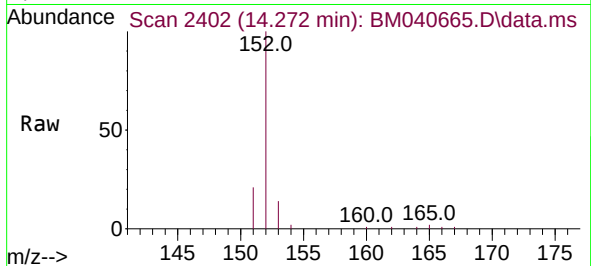




#10
Acenaphthylene
Concen: 0.279 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

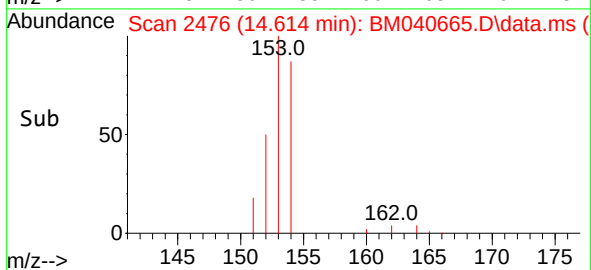
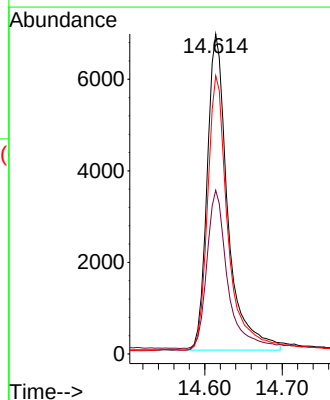
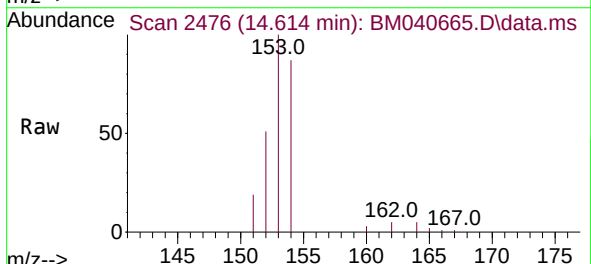
Instrument :
BNA_M
ClientSampleId :
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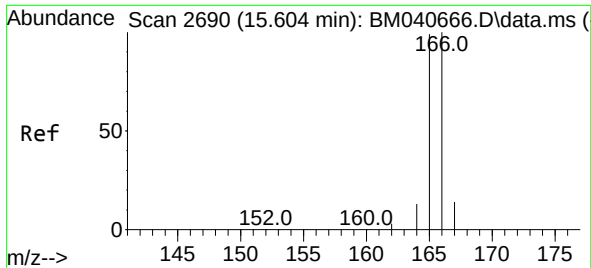
Tgt Ion:152 Resp: 16138
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.263 ng/ul
RT: 14.614 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:153 Resp: 12837
Ion Ratio Lower Upper
153 100
152 51.1 41.0 61.4
154 87.0 70.8 106.2

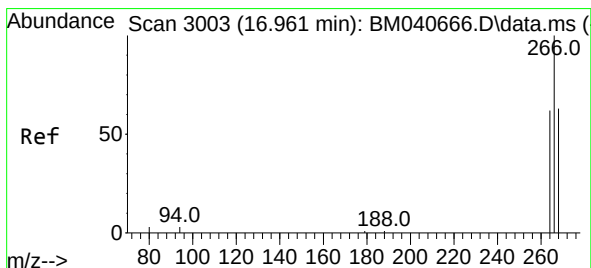
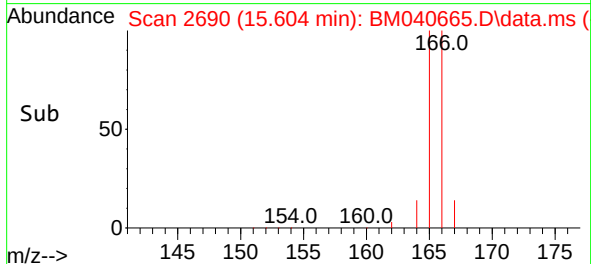
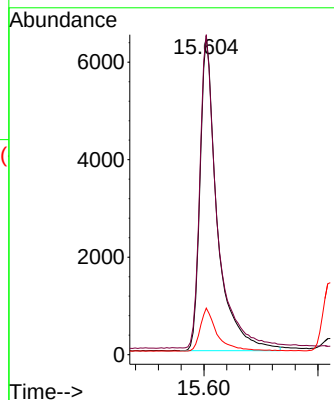
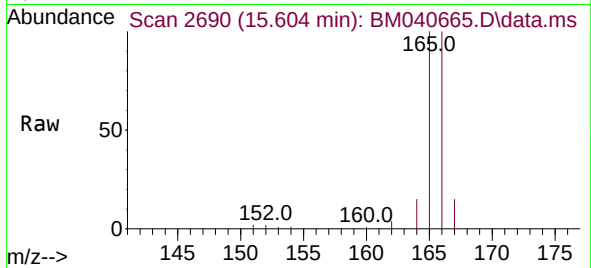




#12
Fluorene
Concen: 0.259 ng/ul
RT: 15.604 min Scan# 2690
Delta R.T. -0.003 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

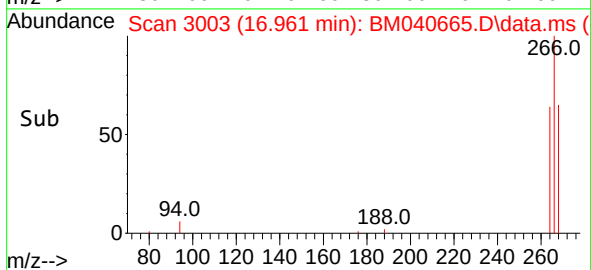
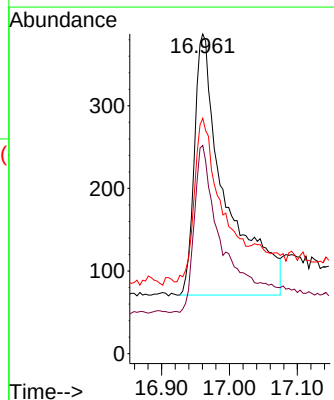
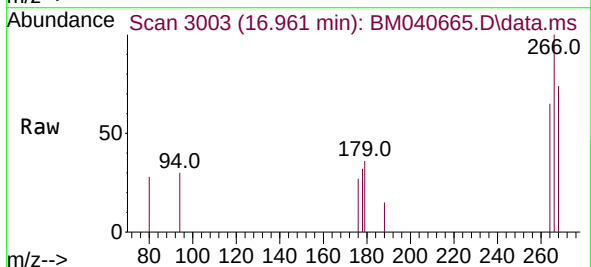
Instrument :
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ClientSampleId :
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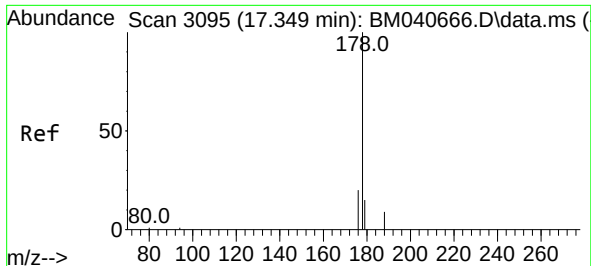
Tgt Ion:	166	Resp:	13513
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.6	119.4
167	14.6	11.4	17.0



#14
Pentachlorophenol
Concen: 0.222 ng/ul
RT: 16.961 min Scan# 3003
Delta R.T. -0.007 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:	266	Resp:	1006
Ion	Ratio	Lower	Upper
266	100		
264	62.9	45.4	68.0
268	65.7	47.2	70.8

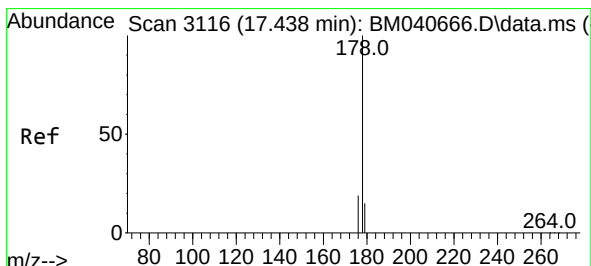
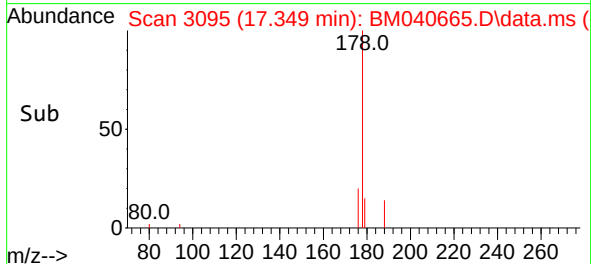
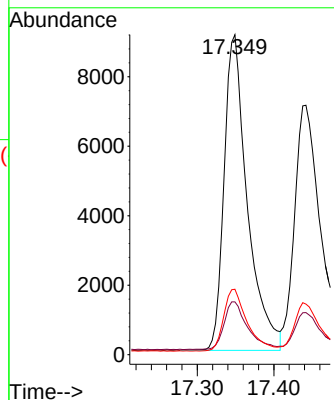
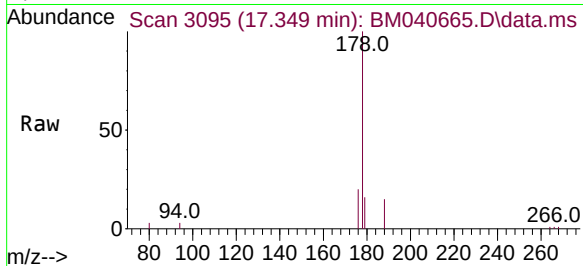




#15
Phenanthrene
Concen: 0.262 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.003 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

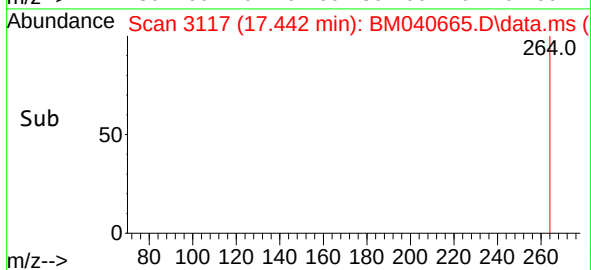
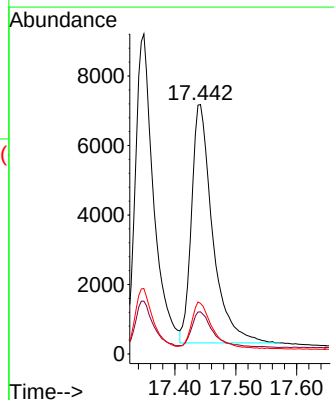
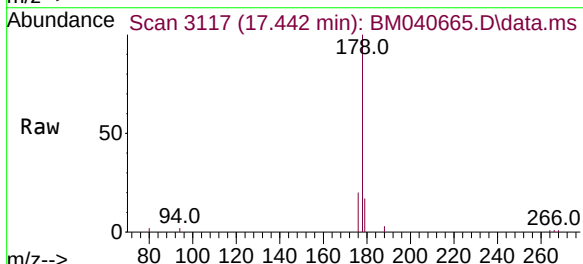
Instrument :
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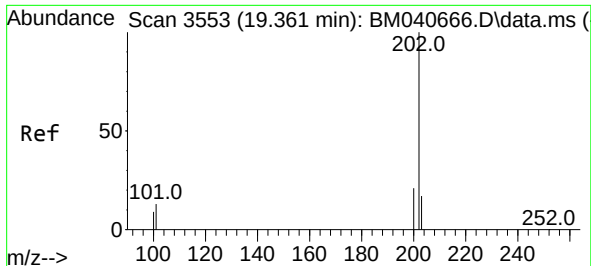
Tgt Ion:	178	Resp:	19124
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.8	19.2
176	20.5	16.4	24.6



#16
Anthracene
Concen: 0.269 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.003 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:	178	Resp:	16521
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.9	19.3
176	20.3	15.8	23.6

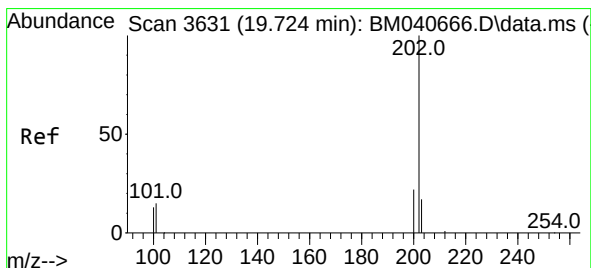
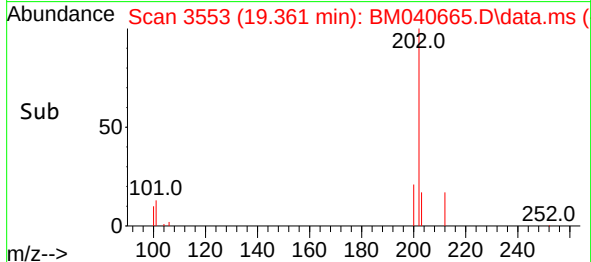
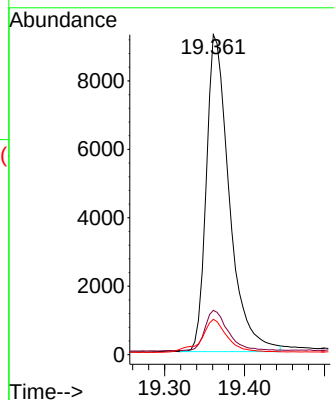
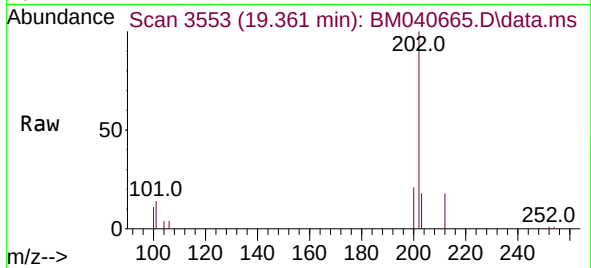




#19
Fluoranthene
Concen: 0.304 ng/ul
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

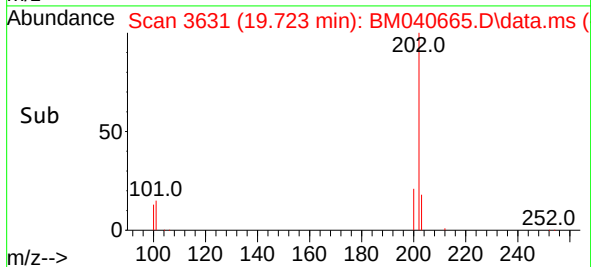
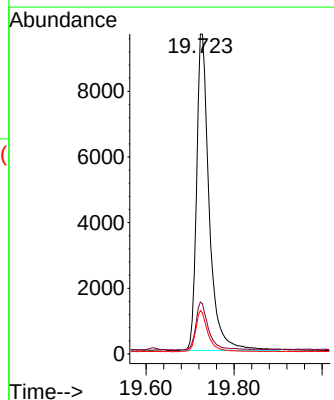
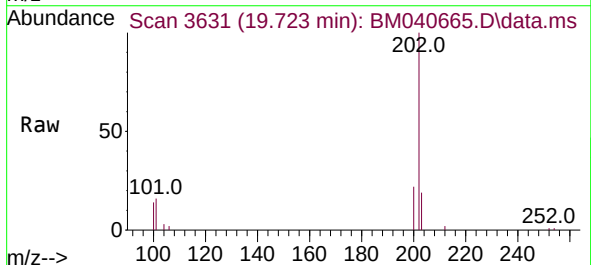
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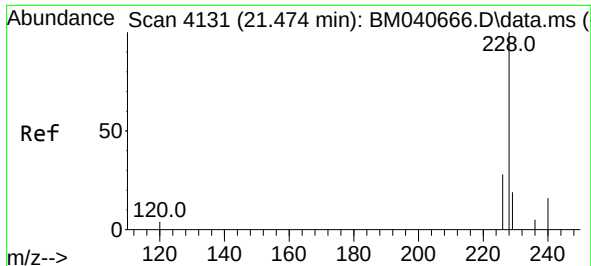
Tgt Ion:202 Resp: 18563
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.0 8.7 13.1



#20
Pyrene
Concen: 0.293 ng/ul
RT: 19.723 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:202 Resp: 19182
Ion Ratio Lower Upper
202 100
101 16.2 12.6 18.8
100 13.6 9.8 14.6

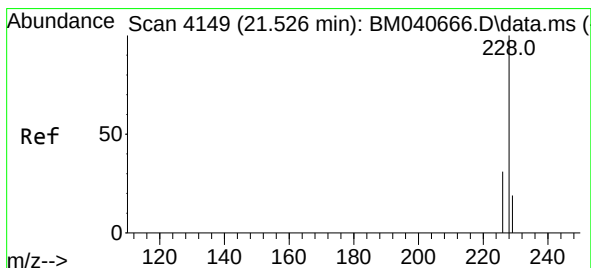
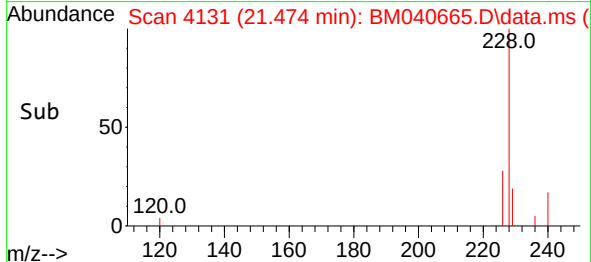
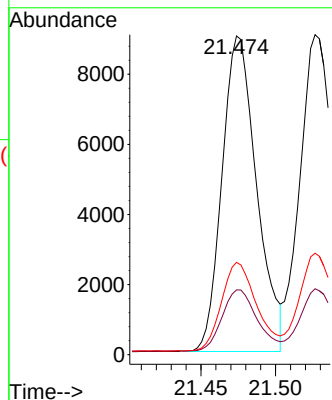
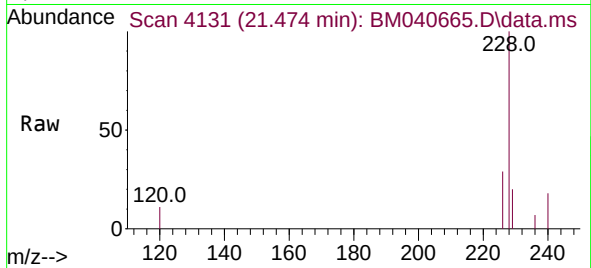




#21
Benzo(a)anthracene
Concen: 0.299 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.005 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

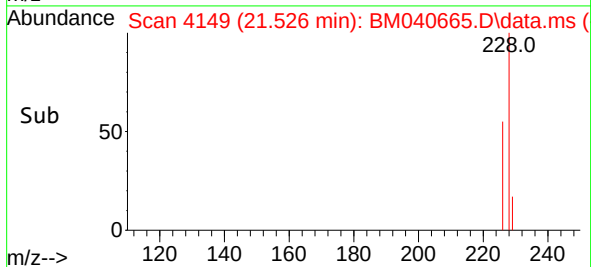
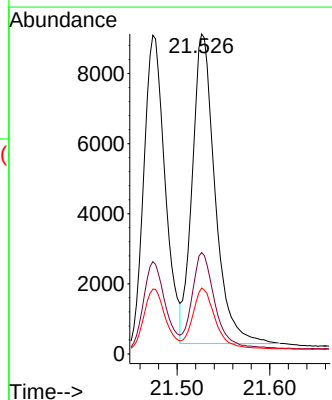
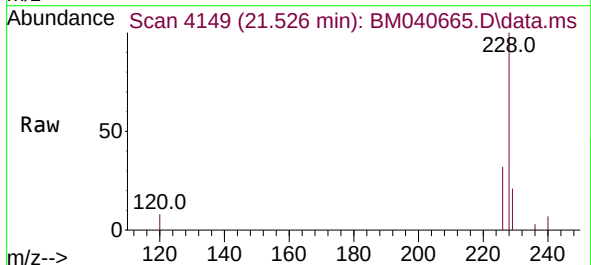
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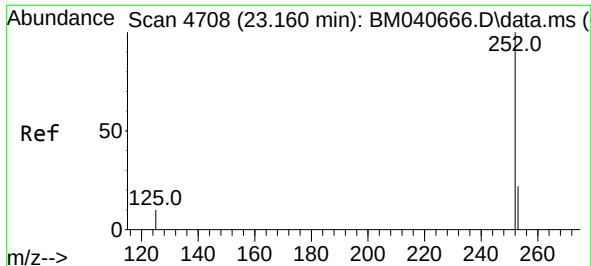
Tgt Ion:228 Resp: 14518
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 29.0 22.3 33.5



#22
Chrysene
Concen: 0.273 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.005 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:228 Resp: 15107
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 20.6 15.8 23.6

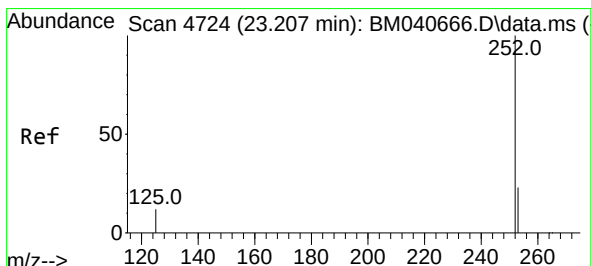
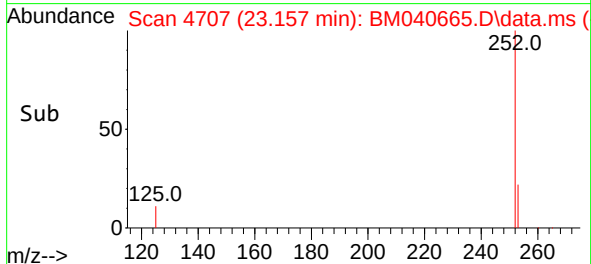
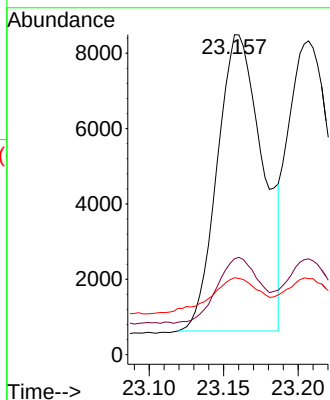
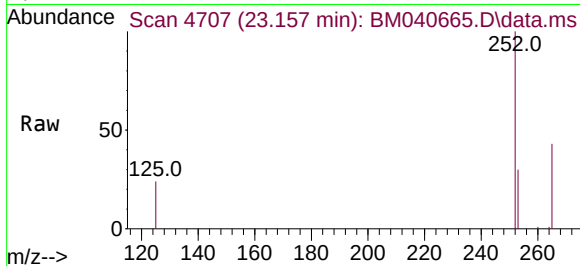




#24
Benzo(b)fluoranthene
Concen: 0.254 ng/ul
RT: 23.157 min Scan# 4707
Delta R.T. -0.010 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

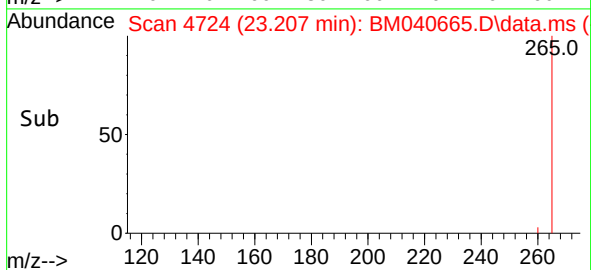
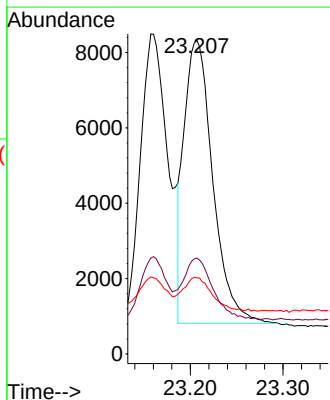
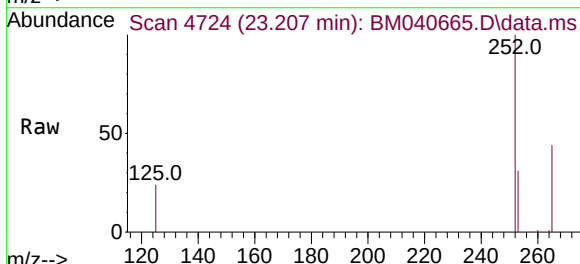
Instrument :
BNA_M
ClientSampleId :
SLCS783

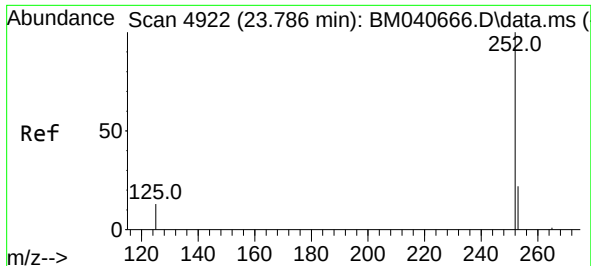
Tgt Ion:252 Resp: 16669
Ion Ratio Lower Upper
252 100
253 30.0 0.0 52.8
125 24.0 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.250 ng/ul
RT: 23.207 min Scan# 4724
Delta R.T. -0.005 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:252 Resp: 16176
Ion Ratio Lower Upper
252 100
253 30.5 21.2 31.8
125 24.2 16.4 24.6

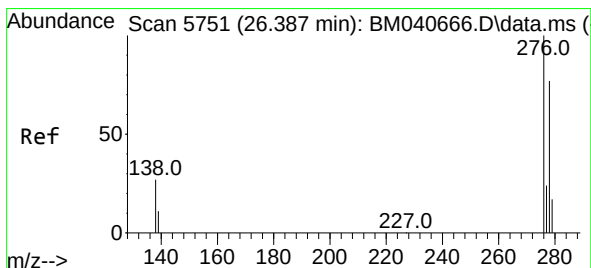
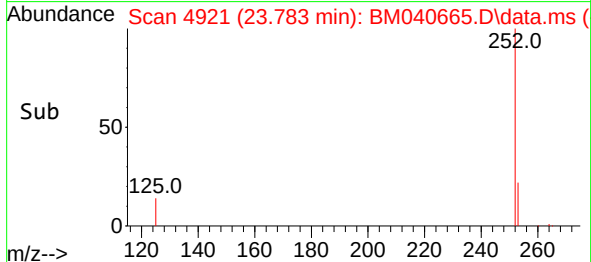
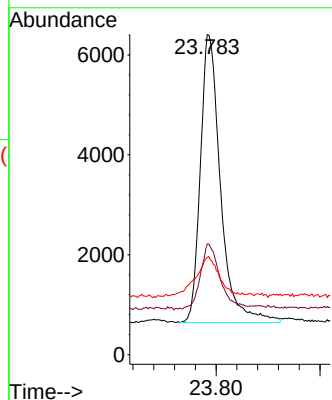
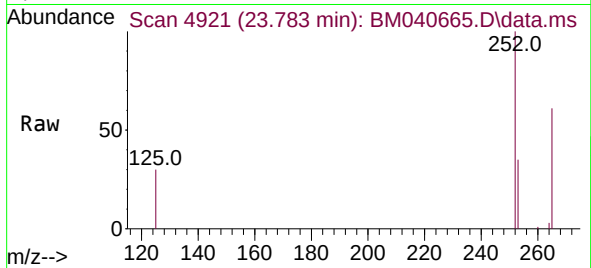




#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.783 min Scan# 4921
Delta R.T. -0.010 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

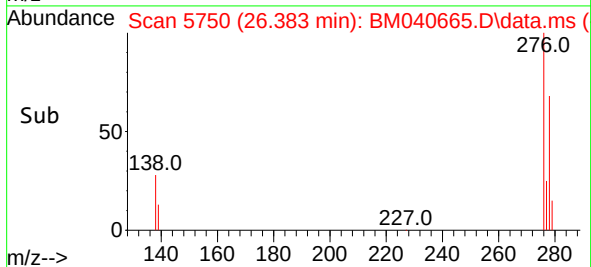
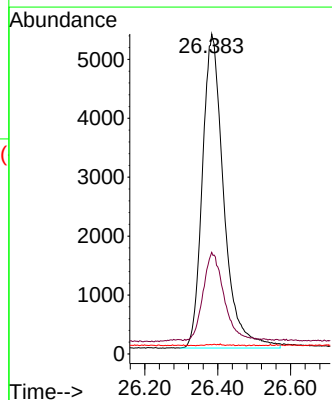
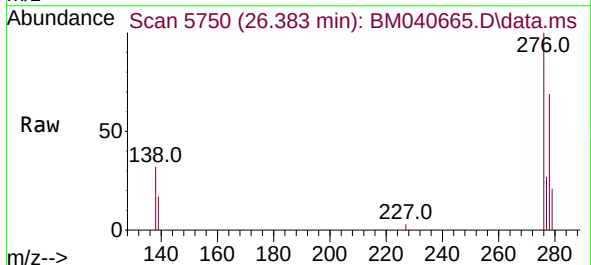
Instrument :
BNA_M
ClientSampleId :
SLCS783

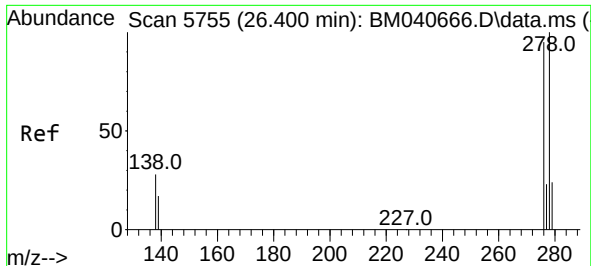
Tgt Ion:252 Resp: 15537
Ion Ratio Lower Upper
252 100
253 34.6 22.9 34.3#
125 30.4 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng/ul
RT: 26.383 min Scan# 5750
Delta R.T. -0.005 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:276 Resp: 21686
Ion Ratio Lower Upper
276 100
138 27.2 24.5 36.7
227 0.1 0.1 0.1#

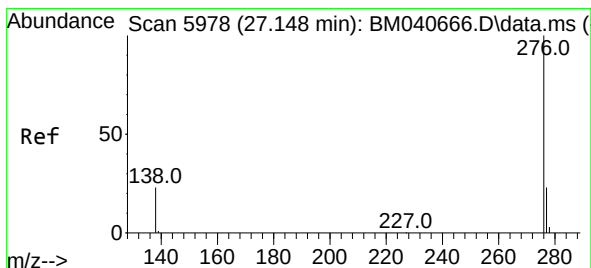
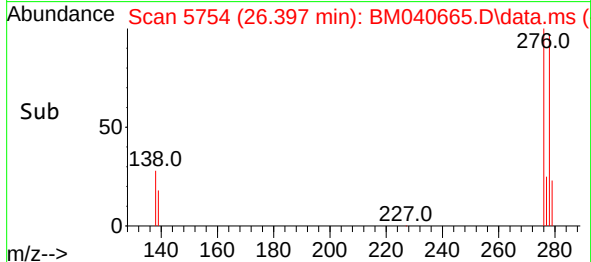
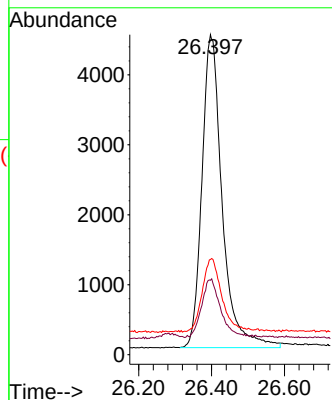
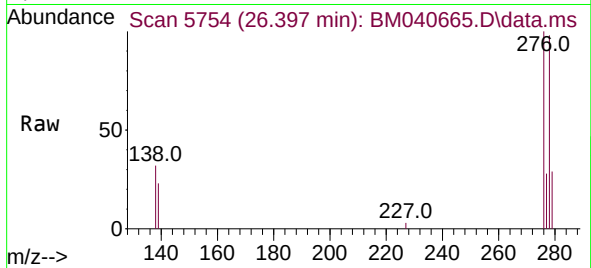




#28
Dibenzo(a,h)anthracene
Concen: 0.267 ng/ul
RT: 26.397 min Scan# 51
Delta R.T. -0.012 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Instrument :
BNA_M
ClientSampleId :
SLCS783

Tgt Ion:278 Resp: 17228
Ion Ratio Lower Upper
278 100
139 23.2 17.9 26.9
279 29.8 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.260 ng/ul
RT: 27.151 min Scan# 5979
Delta R.T. -0.012 min
Lab File: BM040665.D
Acq: 06 Jul 2023 06:57

Tgt Ion:276 Resp: 18733
Ion Ratio Lower Upper
276 100
138 29.3 23.0 34.6
277 26.1 20.3 30.5

