

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
 Data File : BM042265.D
 Acq On : 11 Oct 2023 00:24
 Operator : MA/JU
 Sample : PB156094BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS094

Quant Time: Oct 11 00:59:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 14:01:53 2023
 Response via : Initial Calibration

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

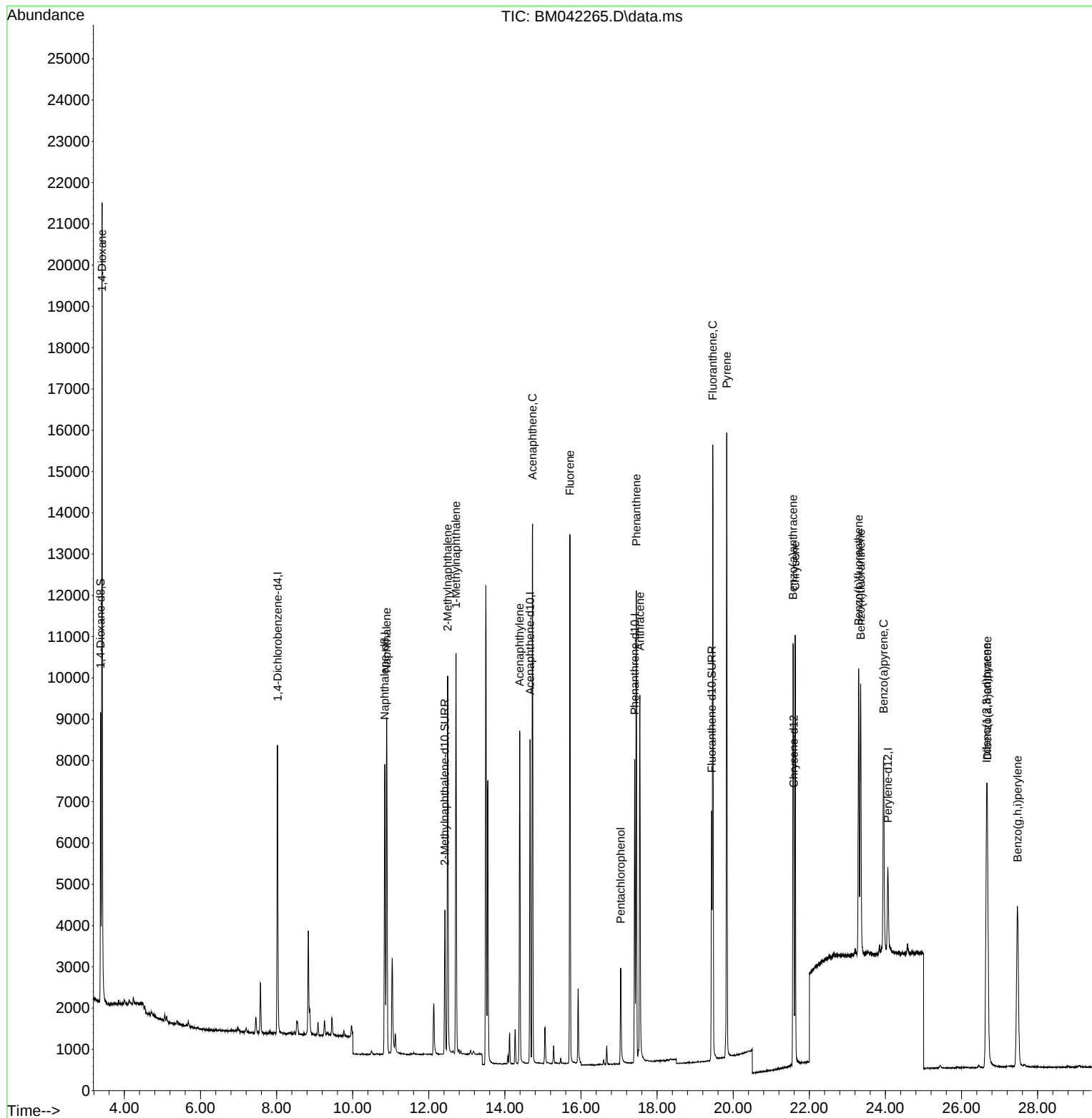
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3658	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	9018	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	3866	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	7178	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.591	240	2887	0.400	ng/ul	# 0.00
23) Perylene-d12	24.064	264	2907	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	3880	0.796	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4432	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	4977	0.459	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.414	88	11392	2.239	ng/ul#	76
5) Naphthalene	10.895	128	11202	0.372	ng/ul	100
7) 2-Methylnaphthalene	12.495	142	6629	0.368	ng/ul	97
8) 1-Methylnaphthalene	12.715	142	6477	0.357	ng/ul	99
10) Acenaphthylene	14.388	152	9364	0.383	ng/ul	99
11) Acenaphthene	14.726	153	7335	0.397	ng/ul	100
12) Fluorene	15.712	166	7981	0.383	ng/ul	98
14) Pentachlorophenol	17.046	266	1772	0.545	ng/ul	99
15) Phenanthrene	17.455	178	11946	0.404	ng/ul	100
16) Anthracene	17.548	178	10133	0.374	ng/ul	99
19) Fluoranthene	19.464	202	11726	0.535	ng/ul#	92
20) Pyrene	19.831	202	11829	0.507	ng/ul#	92
21) Benzo(a)anthracene	21.574	228	8425	0.452	ng/ul	99
22) Chrysene	21.629	228	8770	0.483	ng/ul	99
24) Benzo(b)fluoranthene	23.298	252	8721	0.509	ng/ul	97
25) Benzo(k)fluoranthene	23.348	252	8568	0.508	ng/ul	96
26) Benzo(a)pyrene	23.950	252	7453	0.504	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.656	276	9942	0.475	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.679	278	7317	0.463	ng/ul#	91
29) Benzo(g,h,i)perylene	27.471	276	8589	0.491	ng/ul	94

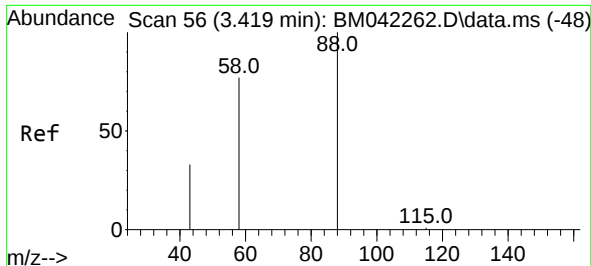
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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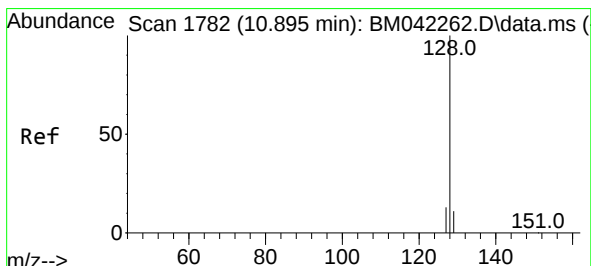
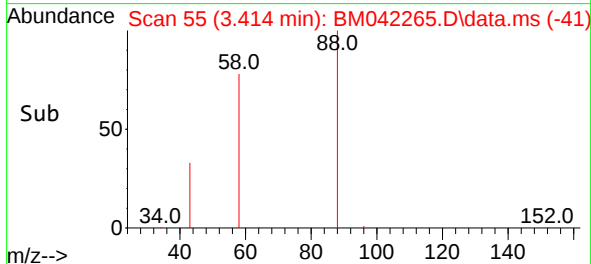
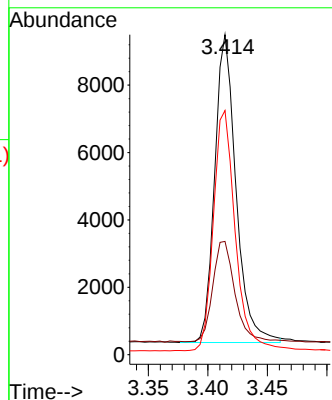
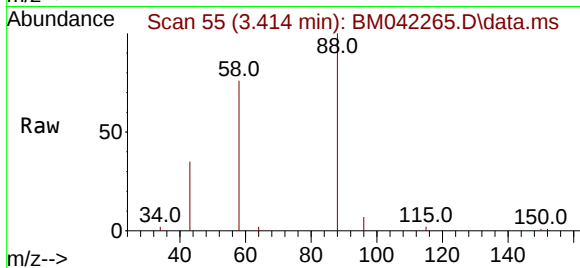




#2
1,4-Dioxane
Concen: 2.239 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

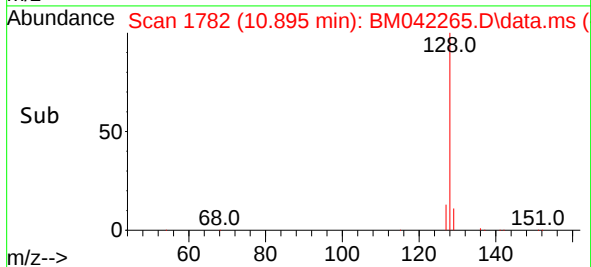
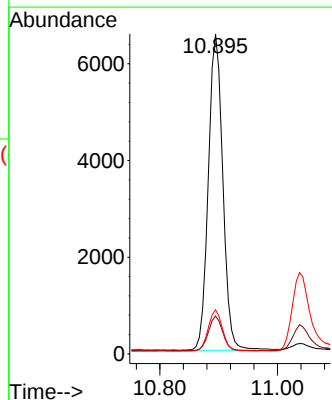
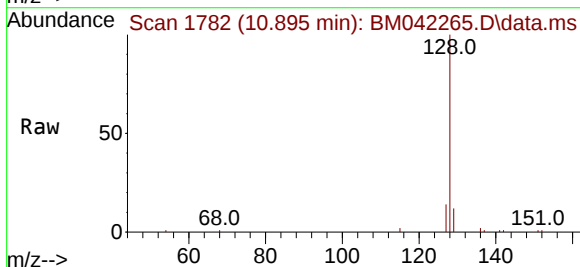
Instrument :
BNA_M
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SLCS094

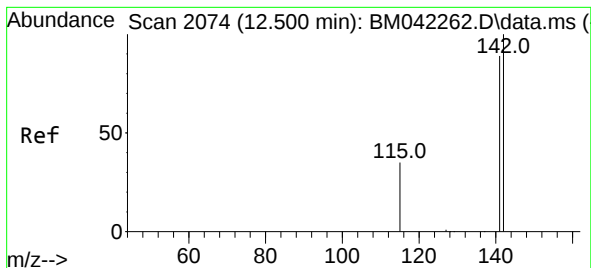
Tgt Ion: 88 Resp: 11392
Ion Ratio Lower Upper
88 100
43 35.4 52.1 78.1#
58 76.3 53.8 80.6



#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Tgt Ion: 128 Resp: 11202
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.8 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.368 ng/ul

RT: 12.495 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM042265.D

Acq: 11 Oct 2023 00:24

Instrument :

BNA_M

ClientSampleId :

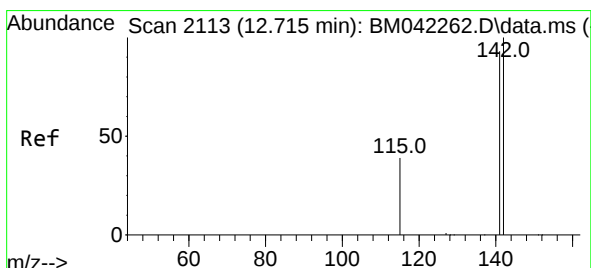
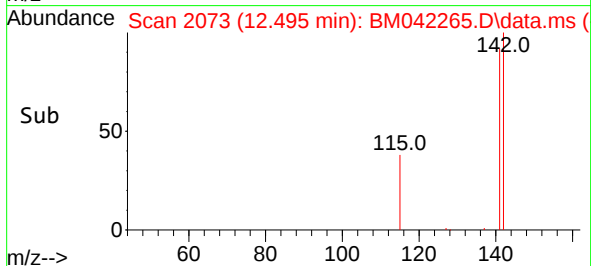
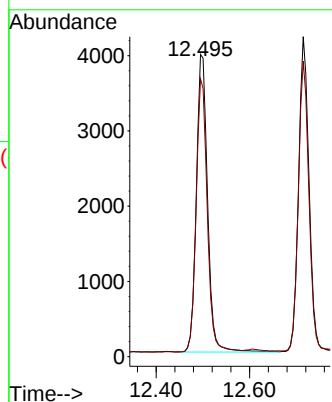
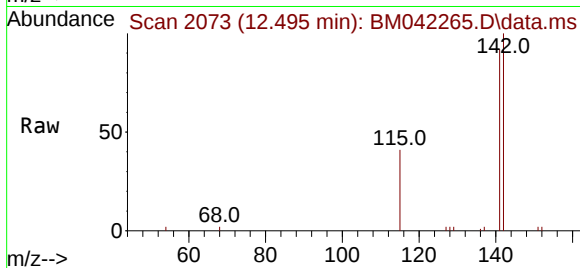
SLCS094

Tgt Ion:142 Resp: 6629

Ion Ratio Lower Upper

142 100

141 90.4 70.2 105.4



#8

1-Methylnaphthalene

Concen: 0.357 ng/ul

RT: 12.715 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BM042265.D

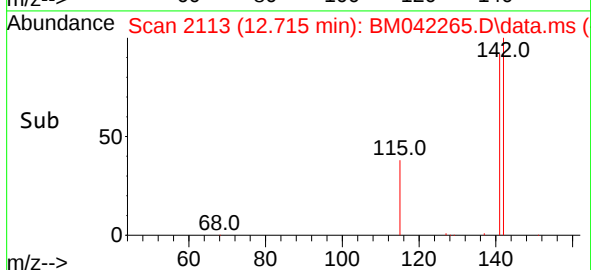
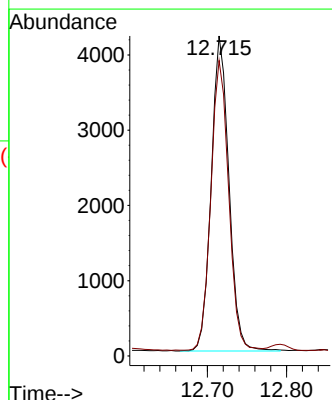
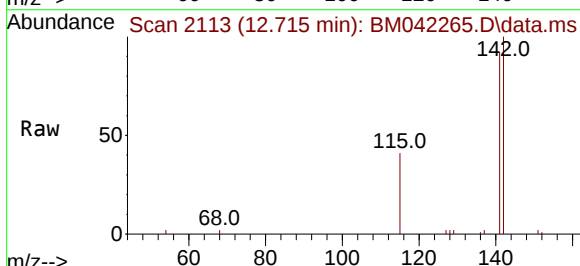
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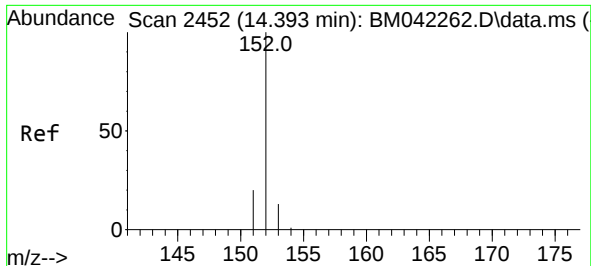
Tgt Ion:142 Resp: 6477

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3

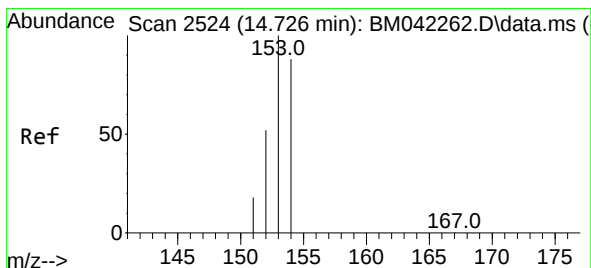
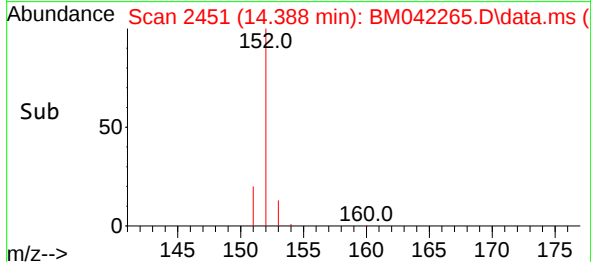
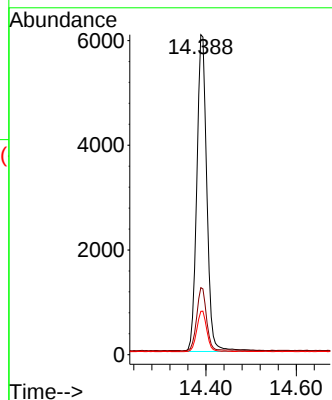
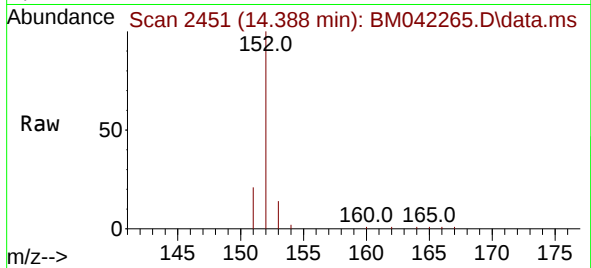




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

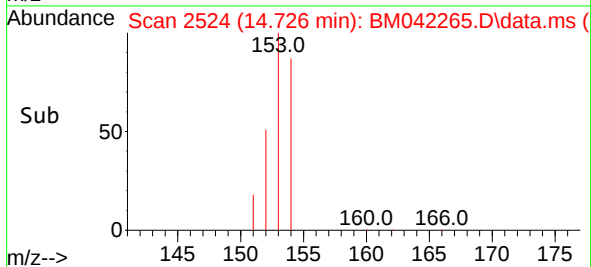
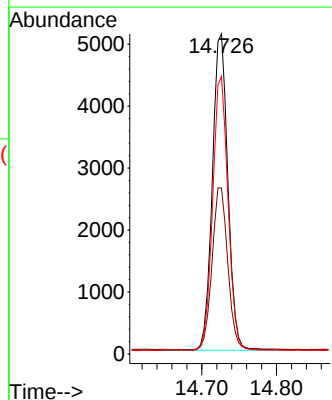
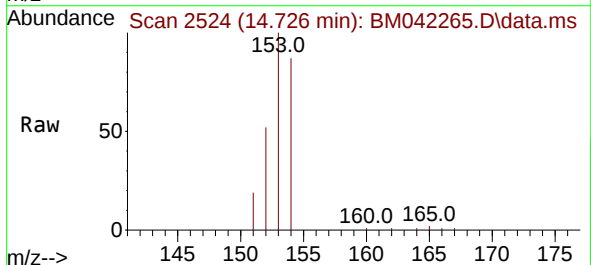
Instrument :
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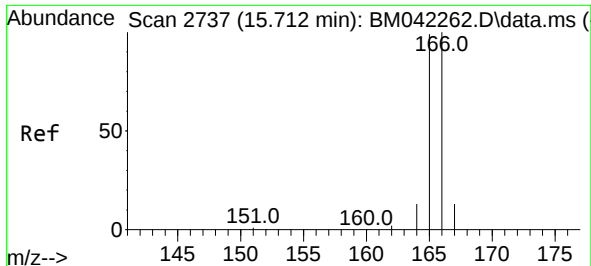
Tgt Ion:152 Resp: 9364
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Tgt Ion:153 Resp: 7335
Ion Ratio Lower Upper
153 100
152 51.9 41.1 61.7
154 86.7 69.5 104.3

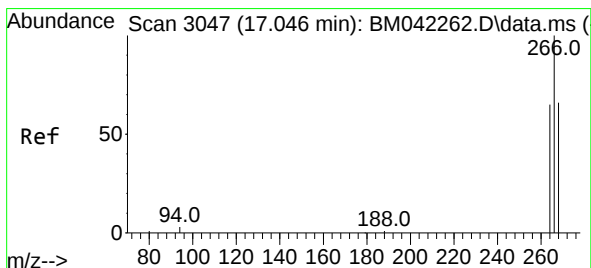
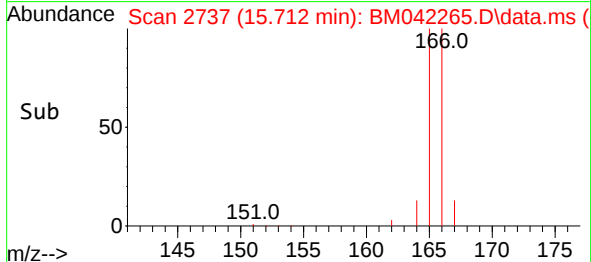
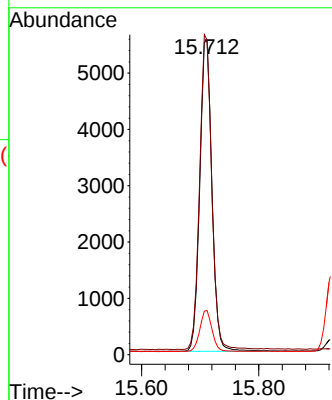
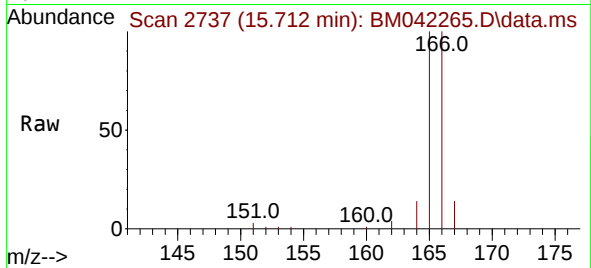




#12
 Fluorene
 Concen: 0.383 ng/ul
 RT: 15.712 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042265.D
 Acq: 11 Oct 2023 00:24

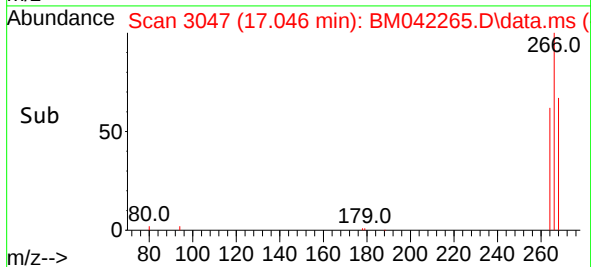
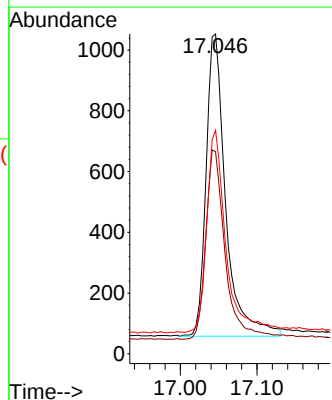
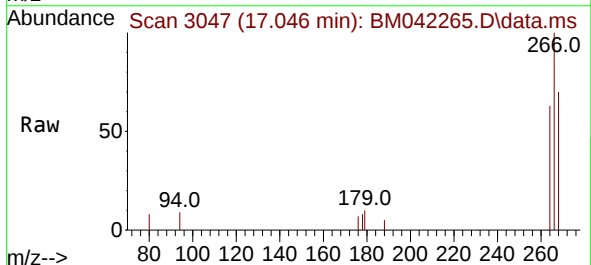
Instrument :
 BNA_M
 ClientSampleId :
 SLCS094

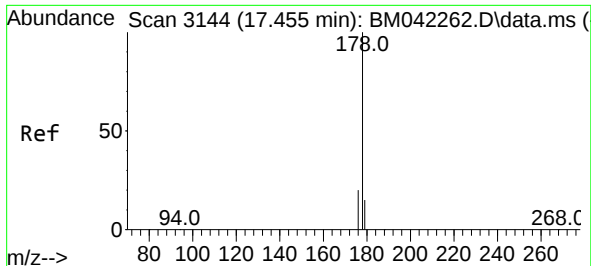
Tgt Ion:166 Resp: 7981
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.4 117.6
 167 14.1 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.545 ng/ul
 RT: 17.046 min Scan# 3047
 Delta R.T. -0.004 min
 Lab File: BM042265.D
 Acq: 11 Oct 2023 00:24

Tgt Ion:266 Resp: 1772
 Ion Ratio Lower Upper
 266 100
 264 62.2 51.1 76.7
 268 65.0 52.1 78.1

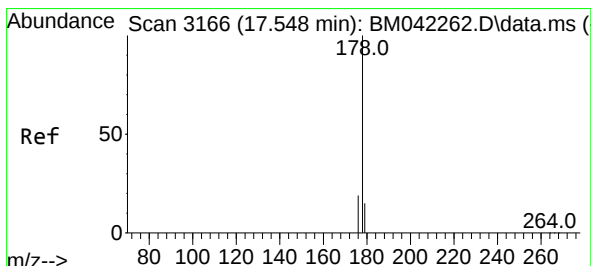
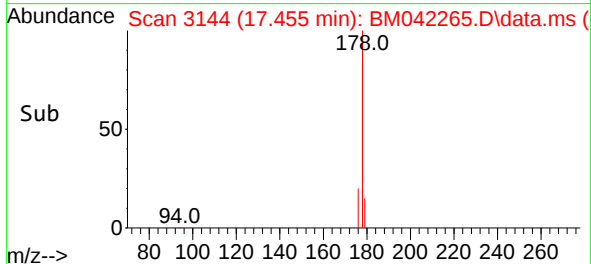
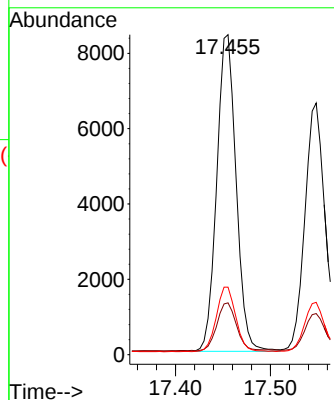
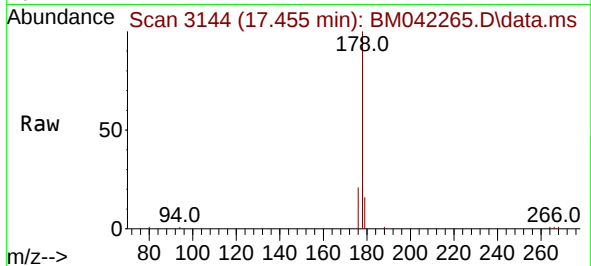




#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

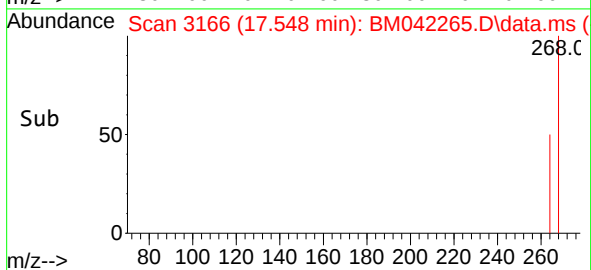
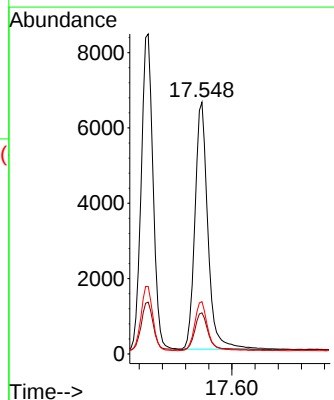
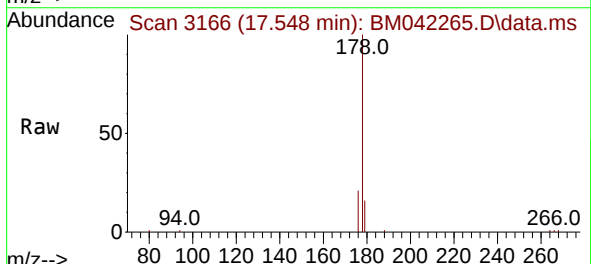
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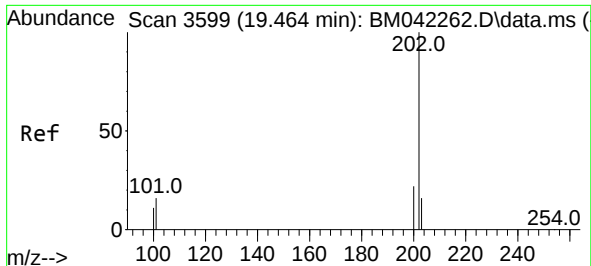
Tgt Ion:	178	Resp:	11946
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.0	19.4
176	21.1	16.8	25.2



#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Tgt Ion:	178	Resp:	10133
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	20.8	16.3	24.5

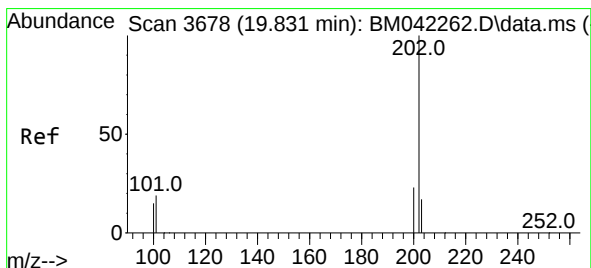
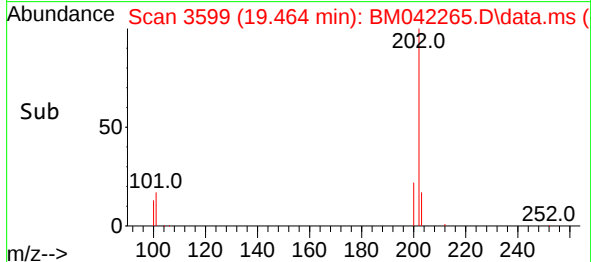
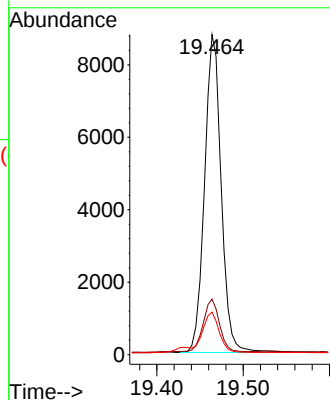
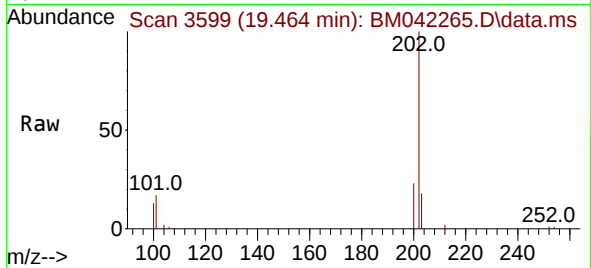




#19
Fluoranthene
Concen: 0.535 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

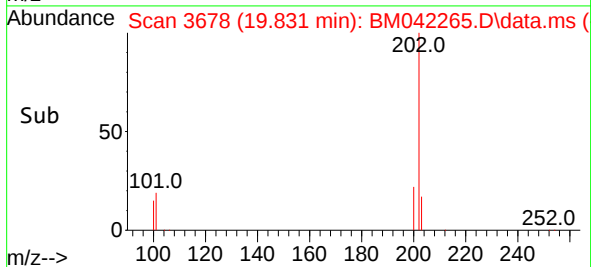
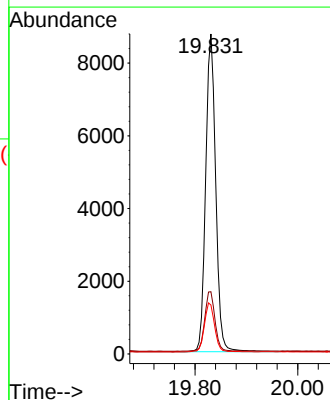
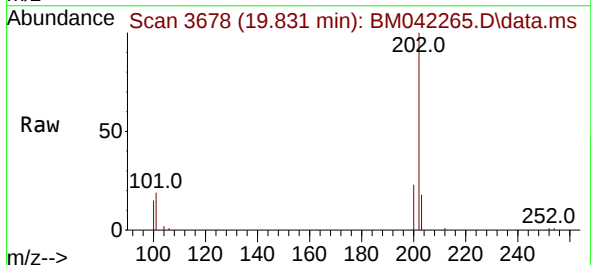
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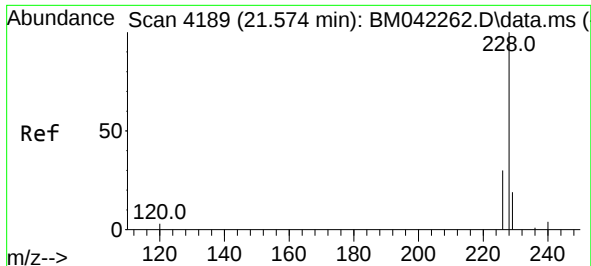
Tgt Ion:202 Resp: 11726
Ion Ratio Lower Upper
202 100
101 17.3 11.1 16.7#
100 13.3 8.2 12.2#



#20
Pyrene
Concen: 0.507 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Tgt Ion:202 Resp: 11829
Ion Ratio Lower Upper
202 100
101 19.5 12.7 19.1#
100 15.3 9.9 14.9#

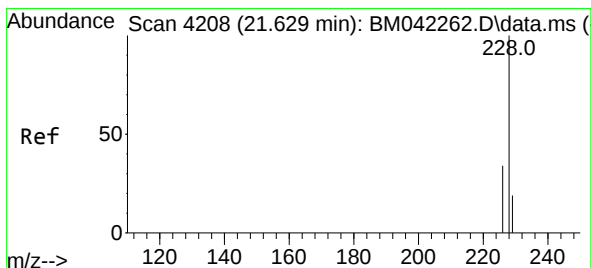
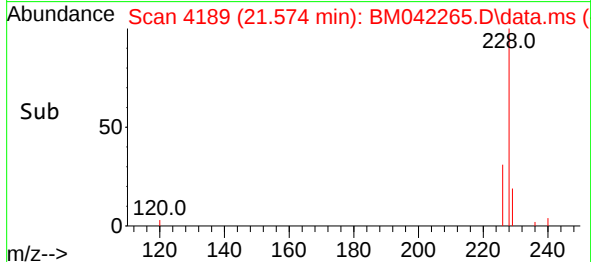
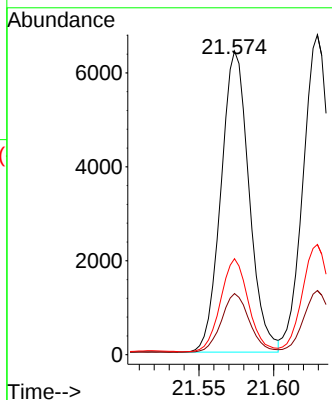
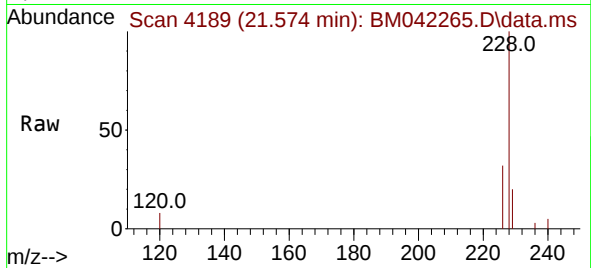




#21
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. -0.006 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

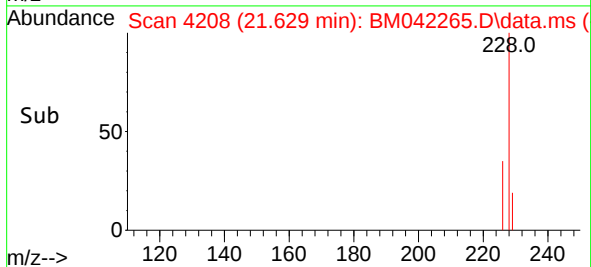
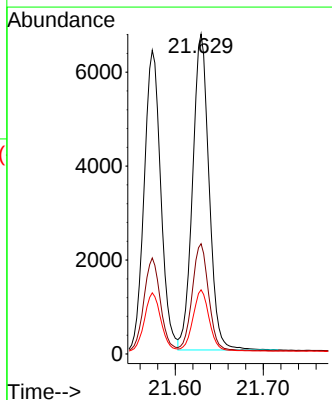
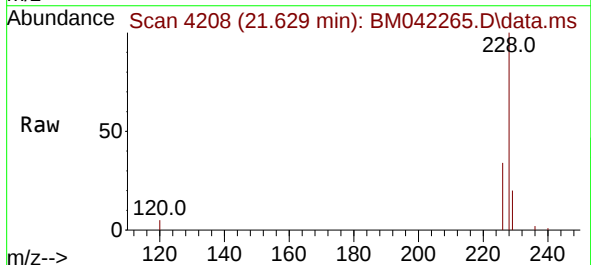
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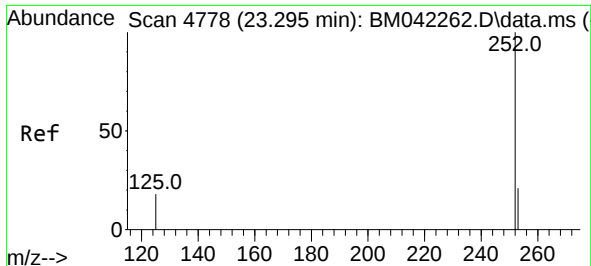
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Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 31.6 24.6 37.0



#22
Chrysene
Concen: 0.483 ng/ul
RT: 21.629 min Scan# 4208
Delta R.T. -0.009 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Tgt Ion:228 Resp: 8770
Ion Ratio Lower Upper
228 100
226 34.4 26.7 40.1
229 20.0 15.8 23.8

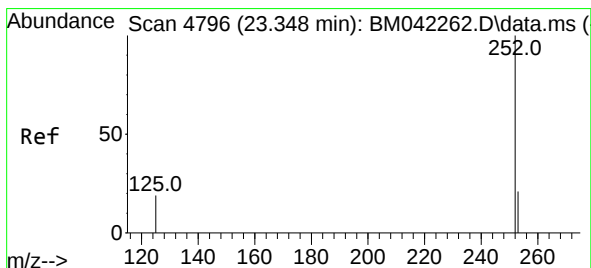
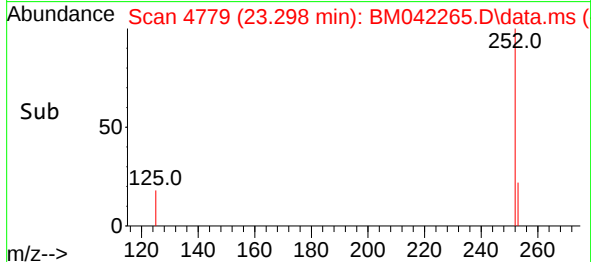
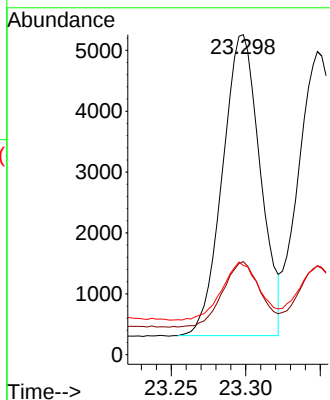
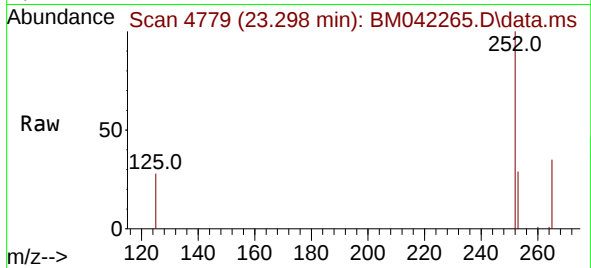




#24
Benzo(b)fluoranthene
Concen: 0.509 ng/ul
RT: 23.298 min Scan# 4778
Delta R.T. -0.009 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

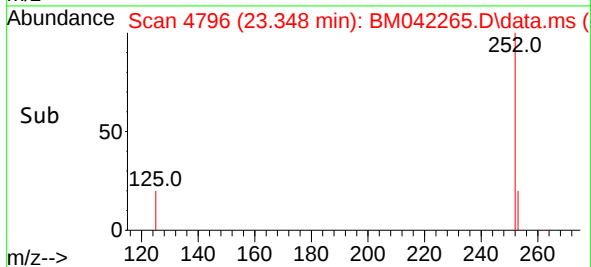
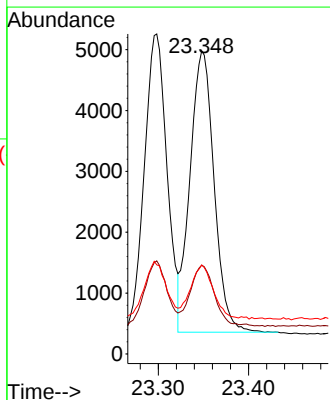
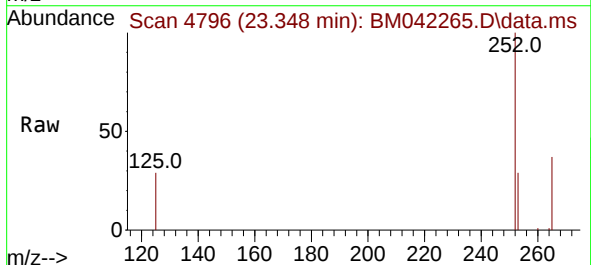
Instrument :
BNA_M
ClientSampleId :
SLCS094

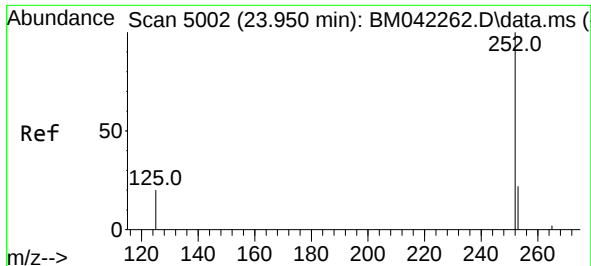
Tgt Ion:252 Resp: 8721
Ion Ratio Lower Upper
252 100
253 29.1 0.0 59.0
125 27.8 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.508 ng/ul
RT: 23.348 min Scan# 4796
Delta R.T. -0.009 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Tgt Ion:252 Resp: 8568
Ion Ratio Lower Upper
252 100
253 29.3 23.4 35.0
125 29.3 19.9 29.9

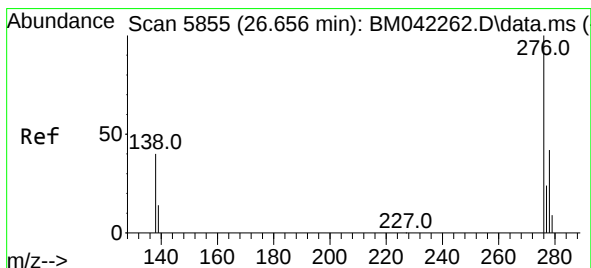
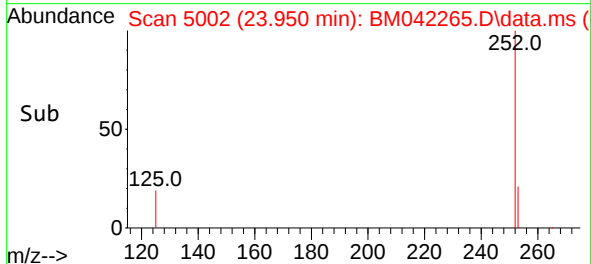
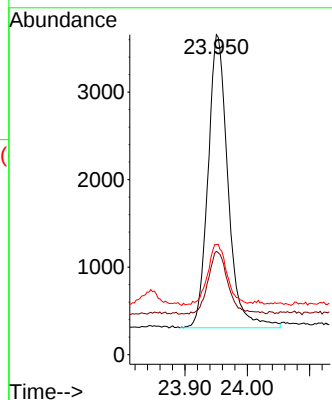
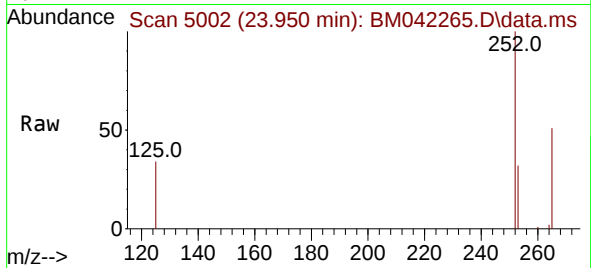




#26
Benzo(a)pyrene
Concen: 0.504 ng/ul
RT: 23.950 min Scan# 5002
Delta R.T. -0.012 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

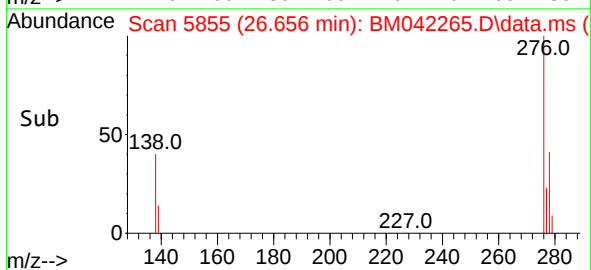
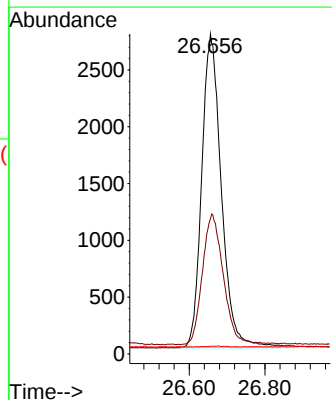
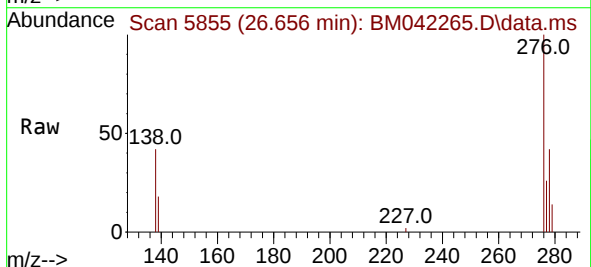
Instrument :
BNA_M
ClientSampleId :
SLCS094

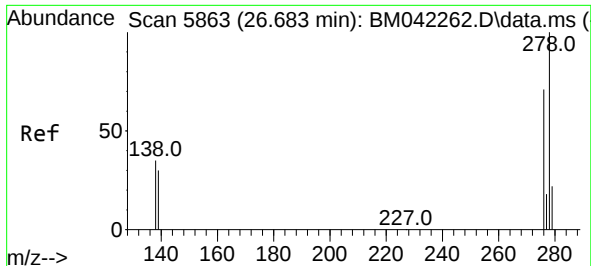
Tgt Ion:252	Resp:	7453
Ion Ratio	Lower	Upper
252	100	
253	32.3	25.3 37.9
125	34.4	23.2 34.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.475 ng/ul
RT: 26.656 min Scan# 5855
Delta R.T. -0.013 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Tgt Ion:276	Resp:	9942
Ion Ratio	Lower	Upper
276	100	
138	44.1	26.7 40.1#
227	0.1	0.2 0.2#

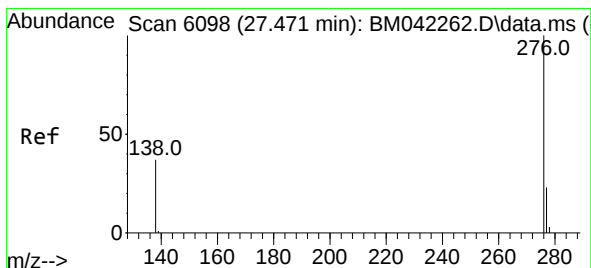
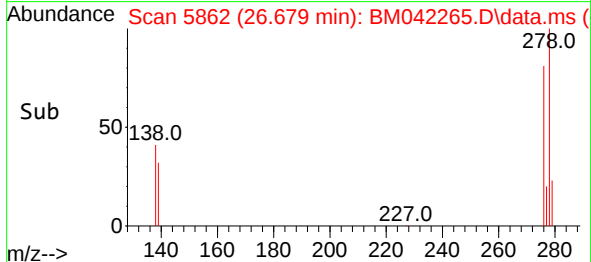
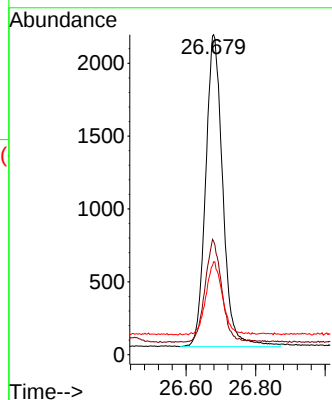
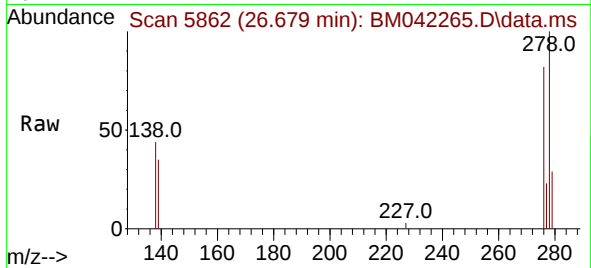




#28
Dibenzo(a,h)anthracene
Concen: 0.463 ng/ul
RT: 26.679 min Scan# 5862
Delta R.T. -0.017 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Instrument :
BNA_M
ClientSampleId :
SLCS094

Tgt Ion:278 Resp: 7317
Ion Ratio Lower Upper
278 100
139 35.4 21.7 32.5#
279 29.1 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.491 ng/ul
RT: 27.471 min Scan# 6098
Delta R.T. -0.017 min
Lab File: BM042265.D
Acq: 11 Oct 2023 00:24

Tgt Ion:276 Resp: 8589
Ion Ratio Lower Upper
276 100
138 39.7 26.8 40.2
277 24.9 20.1 30.1

