

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
 Data File : BM042256.D
 Acq On : 10 Oct 2023 18:21
 Operator : MA/JU
 Sample : PB156171BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS171

Quant Time: Oct 10 18:58:26 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)

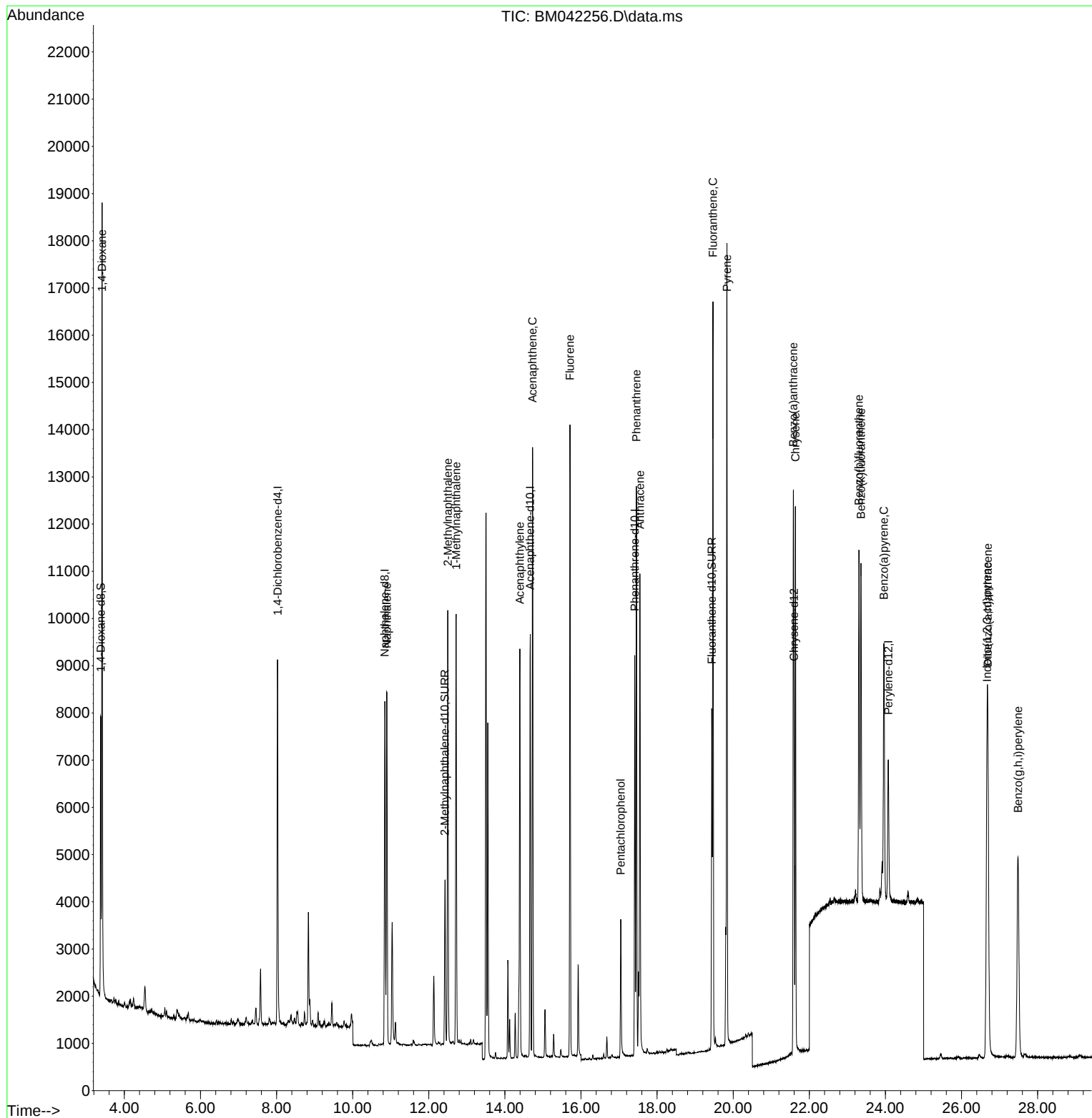
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	9450	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	4515	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	8677	0.400	ng/ul	0.00
17) Chrysene-d12	21.597	240	4295	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	4225	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3231	0.650	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4491	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	6134	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	9669	1.863	ng/ul#	77
5) Naphthalene	10.900	128	10304	0.327	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	6419	0.340	ng/ul	98
8) 1-Methylnaphthalene	12.720	142	6240	0.328	ng/ul	99
10) Acenaphthylene	14.393	152	9615	0.337	ng/ul	98
11) Acenaphthene	14.726	153	7224	0.335	ng/ul	99
12) Fluorene	15.712	166	8030	0.330	ng/ul	96
14) Pentachlorophenol	17.046	266	2072	0.527	ng/ul	98
15) Phenanthrene	17.455	178	12239	0.342	ng/ul	99
16) Anthracene	17.548	178	10833	0.331	ng/ul	99
19) Fluoranthene	19.468	202	12493	0.383	ng/ul	96
20) Pyrene	19.836	202	12955	0.374	ng/ul	97
21) Benzo(a)anthracene	21.580	228	9601	0.346	ng/ul	100
22) Chrysene	21.635	228	9666	0.358	ng/ul	99
24) Benzo(b)fluoranthene	23.304	252	9584	0.385	ng/ul	98
25) Benzo(k)fluoranthene	23.357	252	9475	0.386	ng/ul	96
26) Benzo(a)pyrene	23.959	252	8275	0.385	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.669	276	11150	0.366	ng/ul	89
28) Dibenzo(a,h)anthracene	26.693	278	8470	0.369	ng/ul	96
29) Benzo(g,h,i)perylene	27.484	276	9480	0.373	ng/ul	95

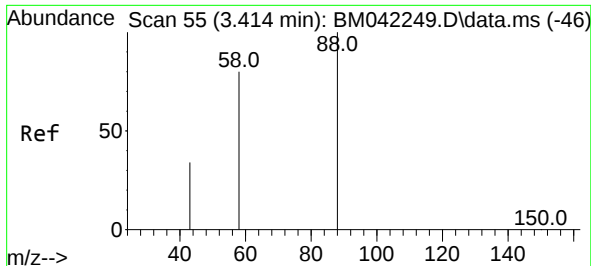
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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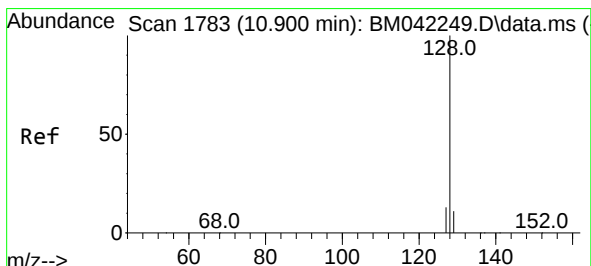
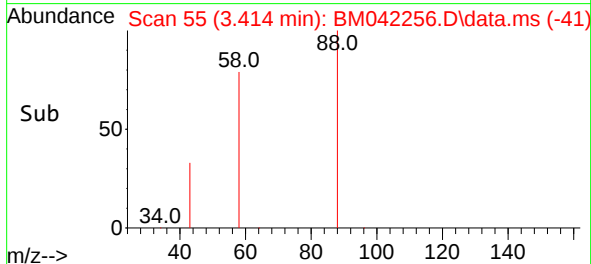
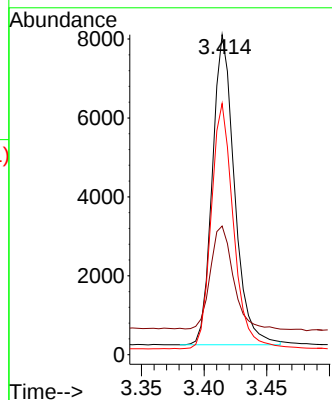
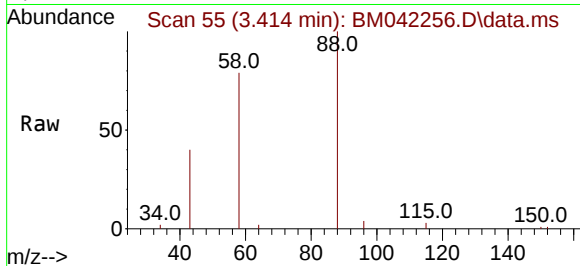




#2
1,4-Dioxane
Concen: 1.863 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

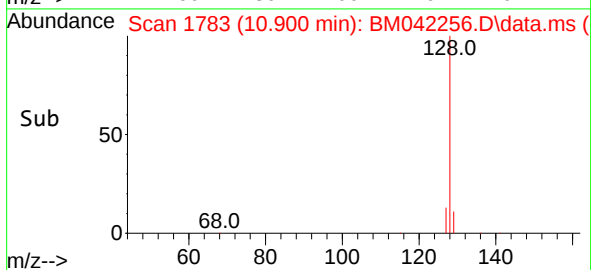
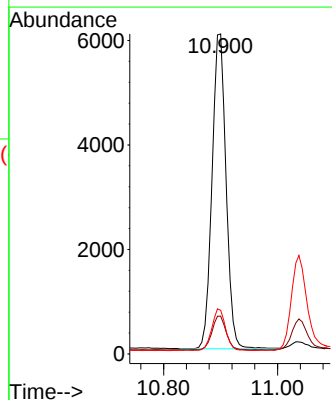
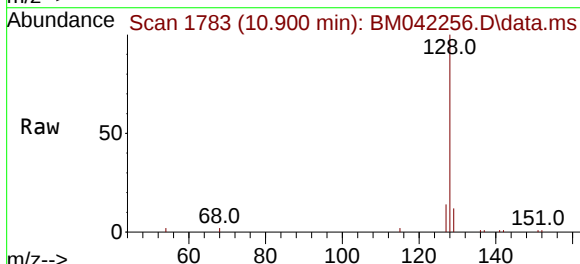
Instrument :
BNA_M
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SLCS171

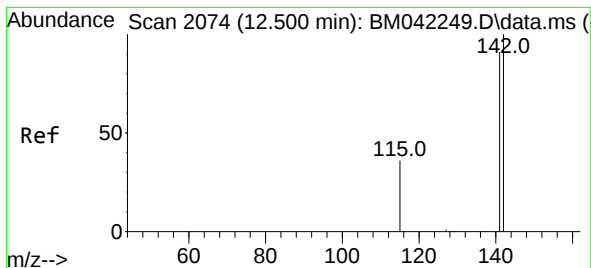
Tgt Ion: 88 Resp: 9669
Ion Ratio Lower Upper
88 100
43 40.2 52.1 78.1#
58 78.5 53.8 80.6



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Tgt Ion: 128 Resp: 10304
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.6 11.0 16.4

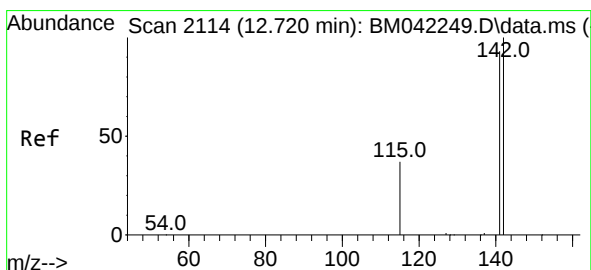
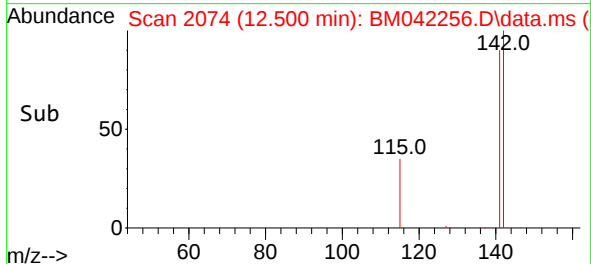
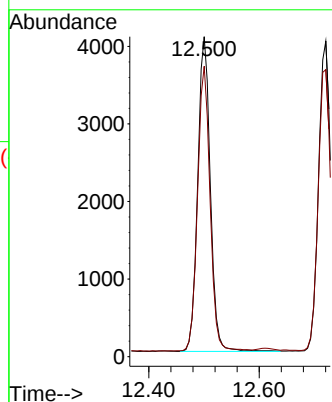
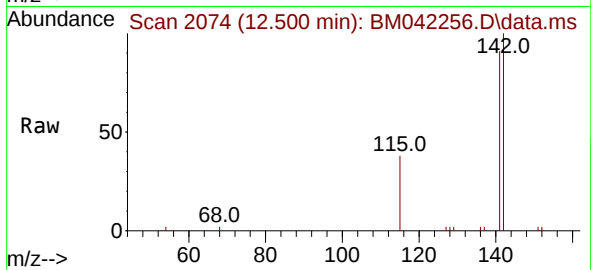




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

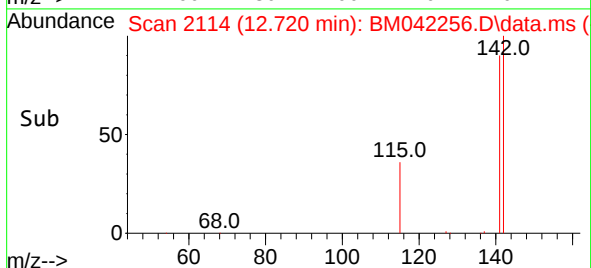
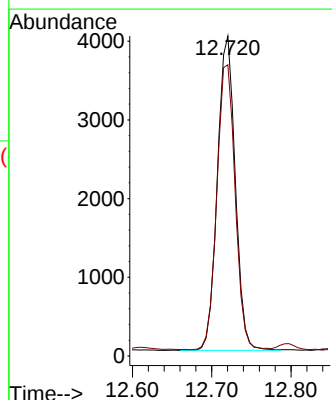
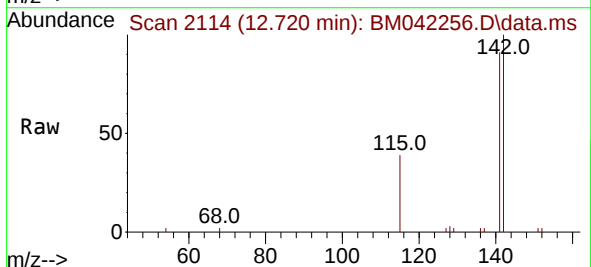
Instrument :
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ClientSampleId :
SLCS171

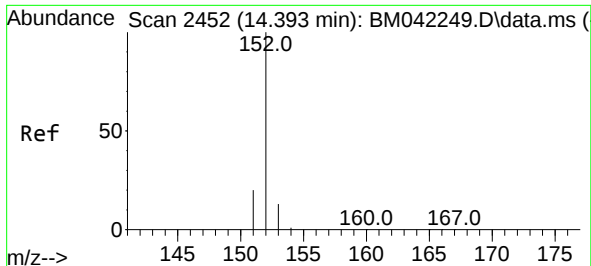
Tgt Ion:142 Resp: 6419
Ion Ratio Lower Upper
142 100
141 89.6 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Tgt Ion:142 Resp: 6240
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3

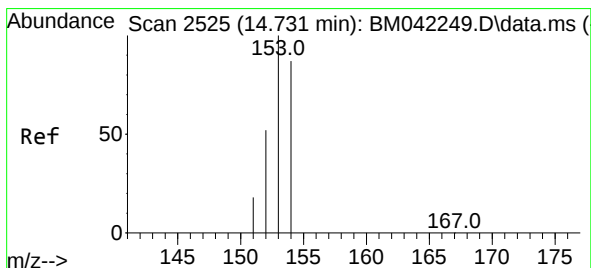
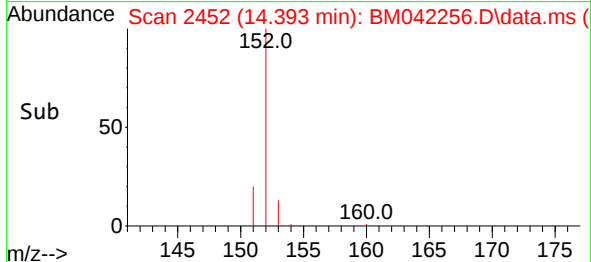
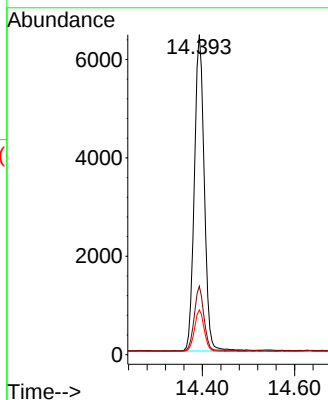
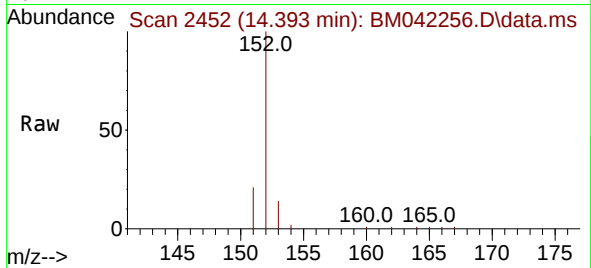




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.393 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

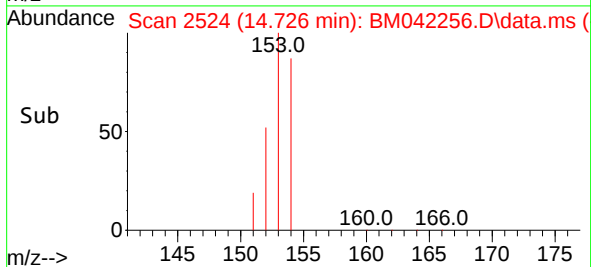
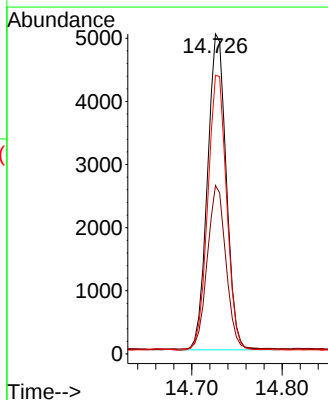
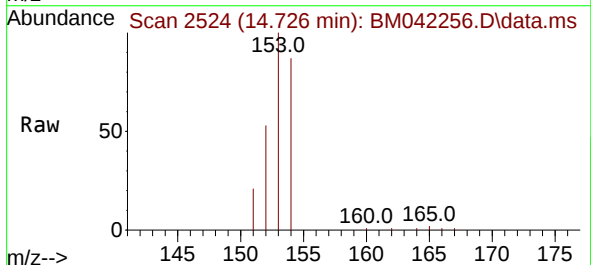
Instrument :
BNA_M
ClientSampleId :
SLCS171

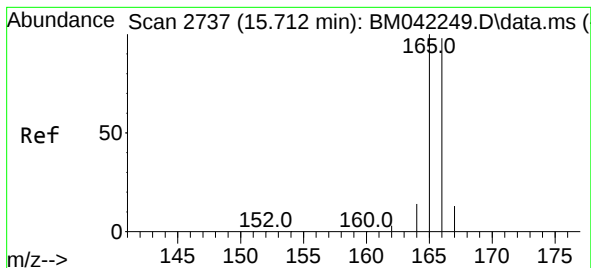
Tgt Ion:152	Resp:	9615
Ion Ratio	Lower	Upper
152	100	
151	21.4	16.4 24.6
153	14.0	10.9 16.3



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Tgt Ion:153	Resp:	7224
Ion Ratio	Lower	Upper
153	100	
152	52.7	41.1 61.7
154	87.1	69.5 104.3





#12

Fluorene

Concen: 0.330 ng/ul

RT: 15.712 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042256.D

Acq: 10 Oct 2023 18:21

Instrument :

BNA_M

ClientSampleId :

SLCS171

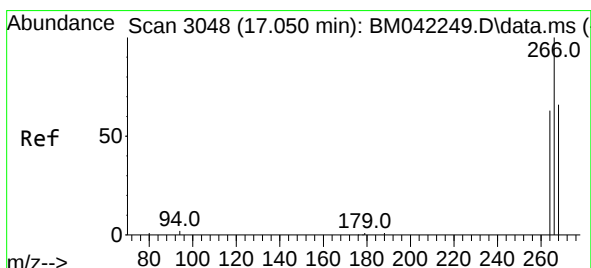
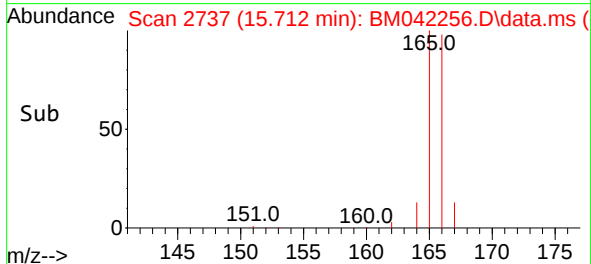
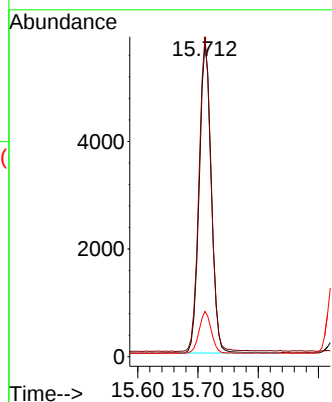
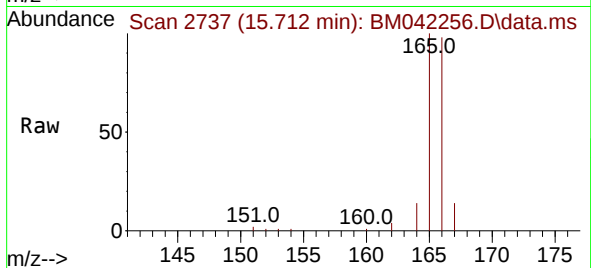
Tgt Ion:166 Resp: 8030

Ion Ratio Lower Upper

166 100

165 102.2 78.4 117.6

167 14.5 11.5 17.3



#14

Pentachlorophenol

Concen: 0.527 ng/ul

RT: 17.046 min Scan# 3047

Delta R.T. -0.004 min

Lab File: BM042256.D

Acq: 10 Oct 2023 18:21

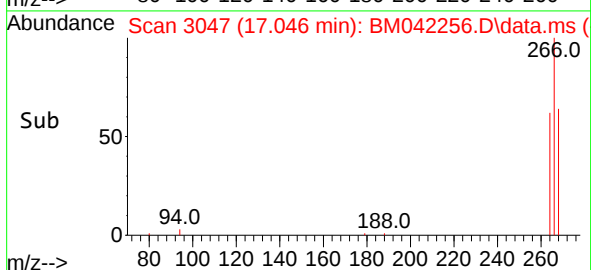
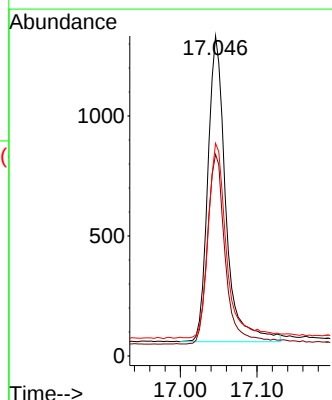
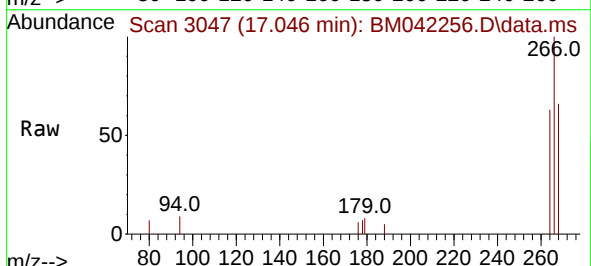
Tgt Ion:266 Resp: 2072

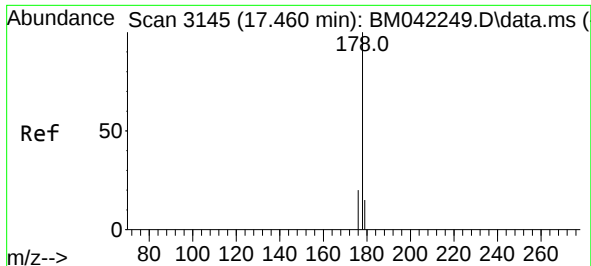
Ion Ratio Lower Upper

266 100

264 61.9 51.1 76.7

268 64.5 52.1 78.1

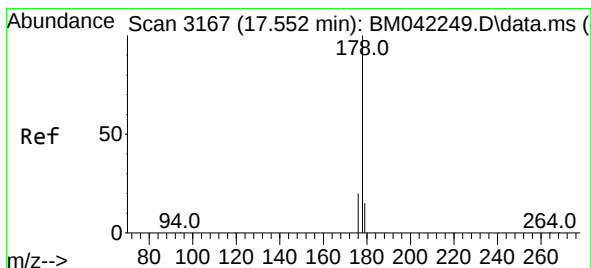
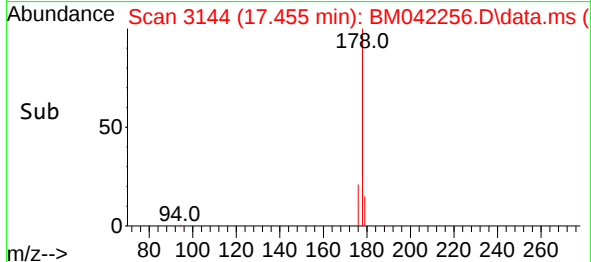
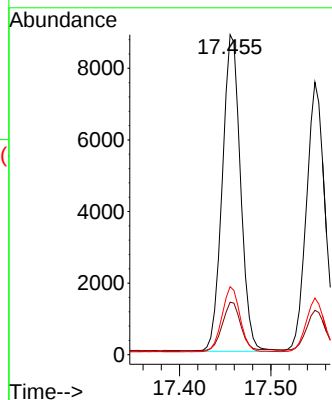
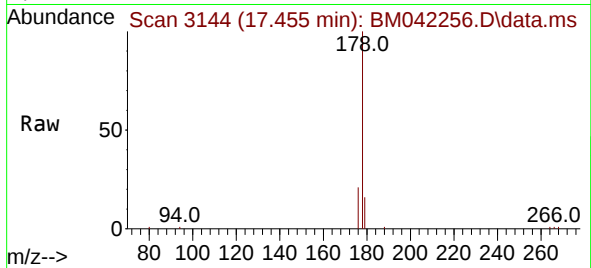




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

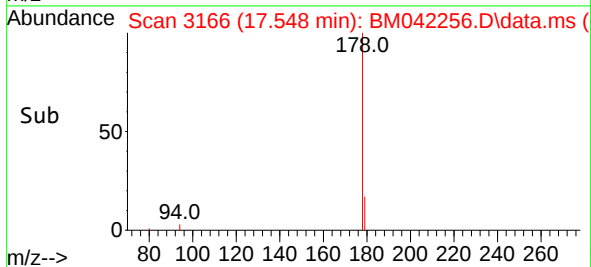
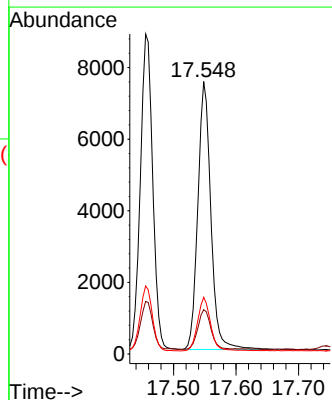
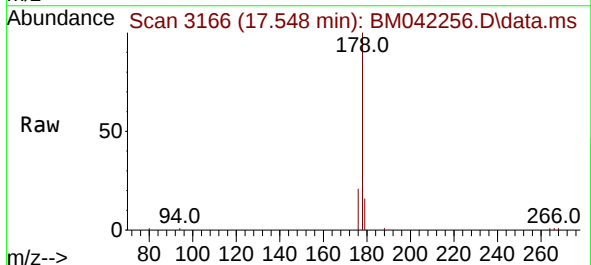
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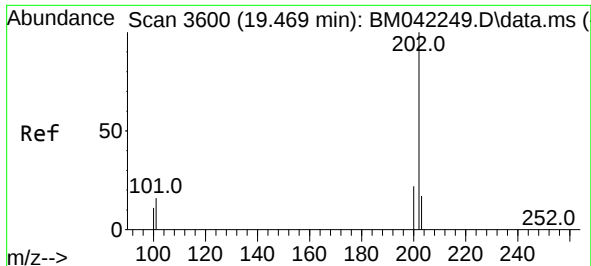
Tgt Ion:178 Resp: 12239
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 21.3 16.8 25.2



#16
Anthracene
Concen: 0.331 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Tgt Ion:178 Resp: 10833
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.8 16.3 24.5

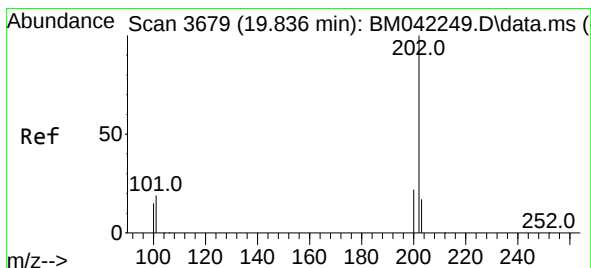
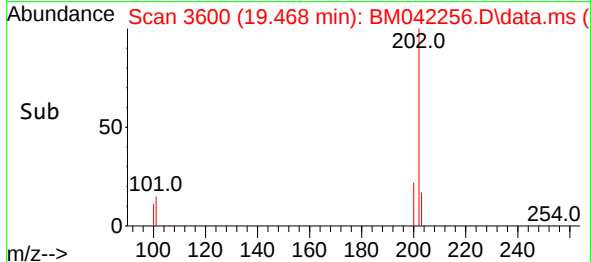
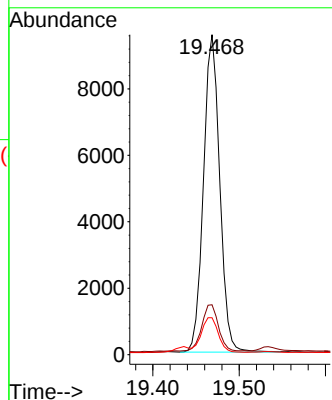
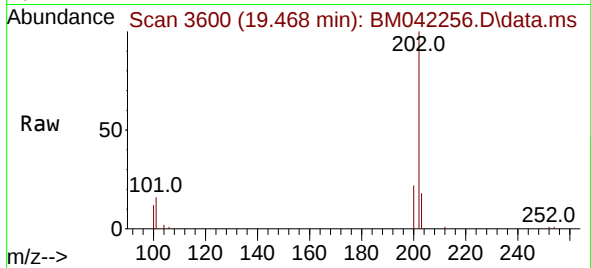




#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.468 min Scan# 3600
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

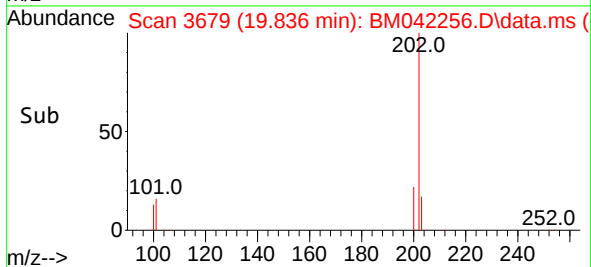
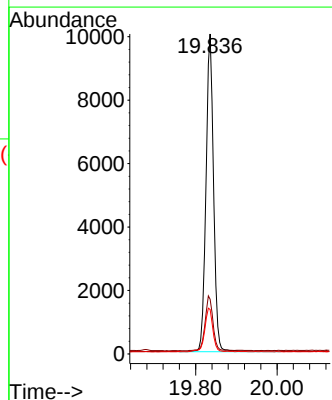
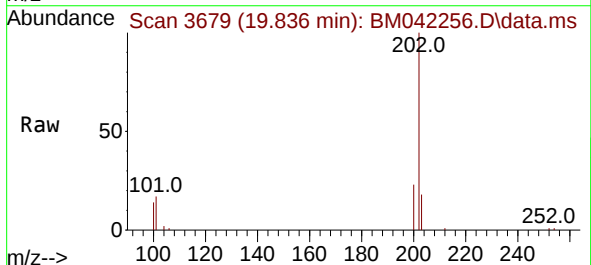
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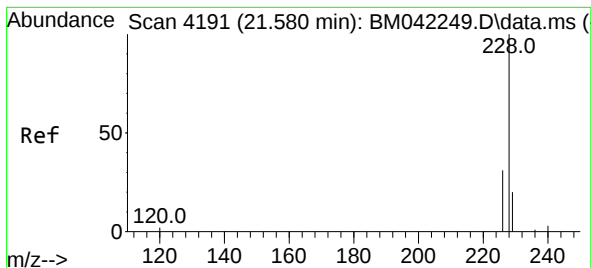
Tgt Ion:202 Resp: 12493
Ion Ratio Lower Upper
202 100
101 15.6 11.1 16.7
100 11.6 8.2 12.2



#20
Pyrene
Concen: 0.374 ng/u1
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Tgt Ion:202 Resp: 12955
Ion Ratio Lower Upper
202 100
101 17.1 12.7 19.1
100 13.9 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.346 ng/ul

RT: 21.580 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM042256.D

Acq: 10 Oct 2023 18:21

Instrument :

BNA_M

ClientSampleId :

SLCS171

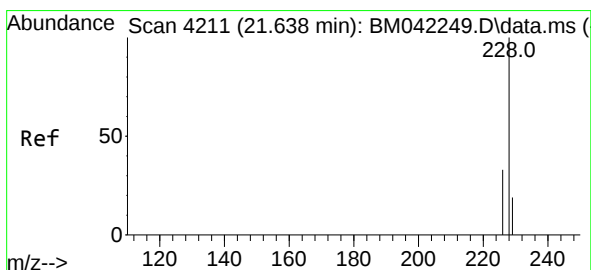
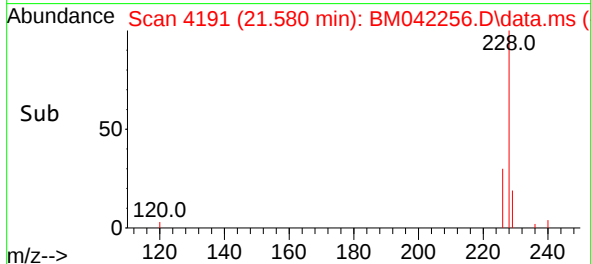
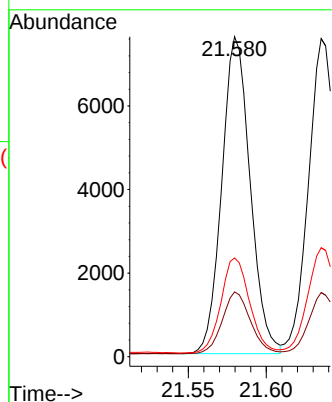
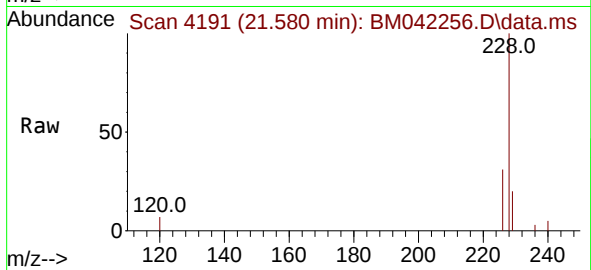
Tgt Ion:228 Resp: 9601

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.8

226 30.8 24.6 37.0



#22

Chrysene

Concen: 0.358 ng/ul

RT: 21.635 min Scan# 4210

Delta R.T. -0.003 min

Lab File: BM042256.D

Acq: 10 Oct 2023 18:21

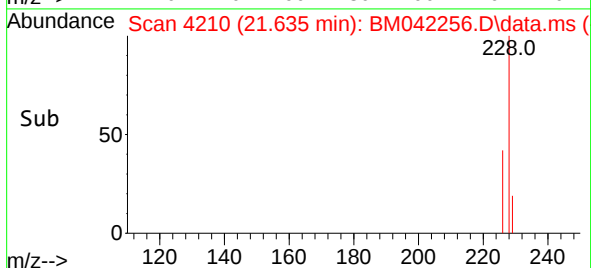
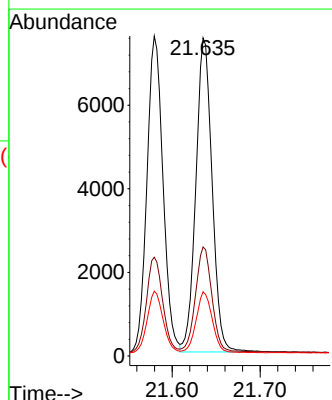
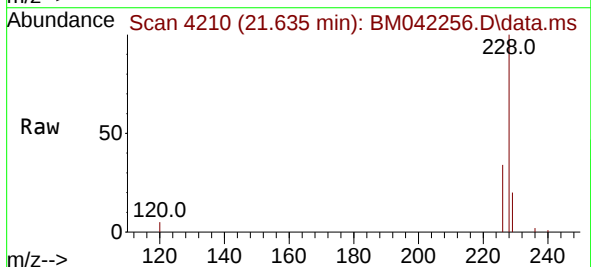
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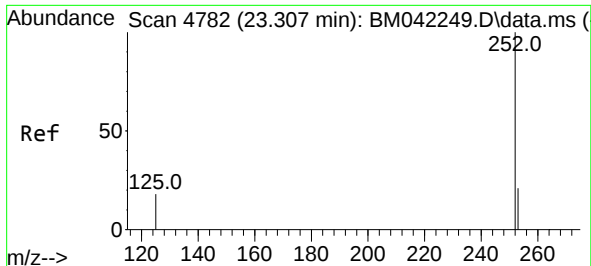
Ion Ratio Lower Upper

228 100

226 34.2 26.7 40.1

229 20.2 15.8 23.8

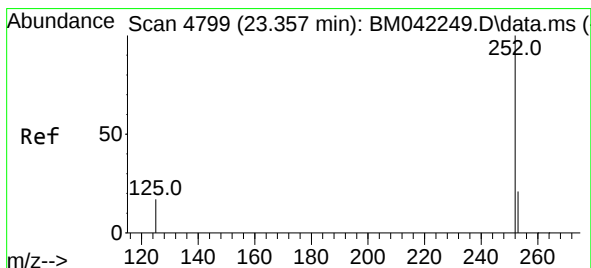
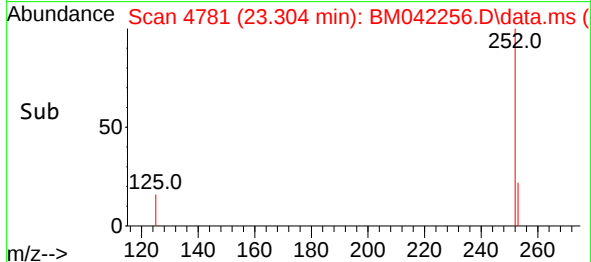
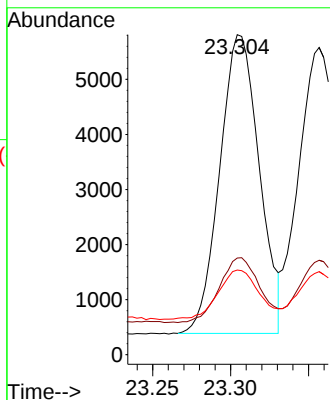
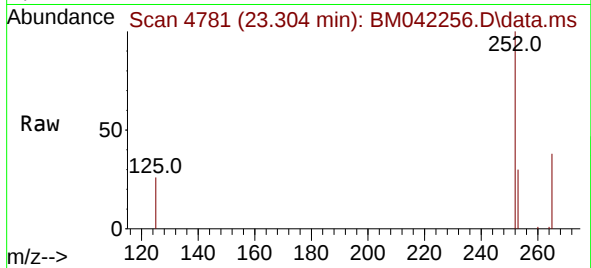




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.304 min Scan# 4781
Delta R.T. -0.003 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

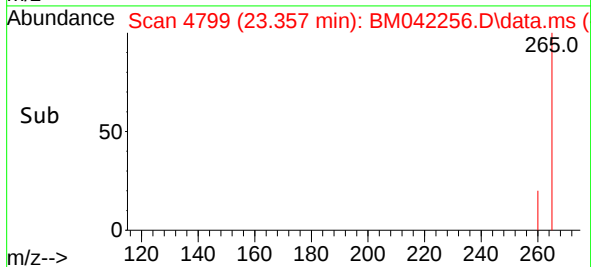
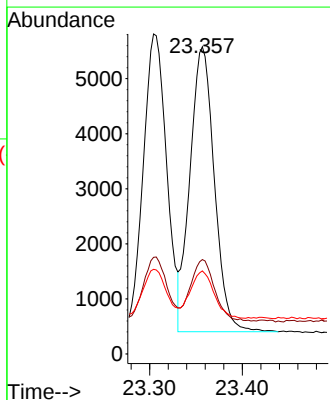
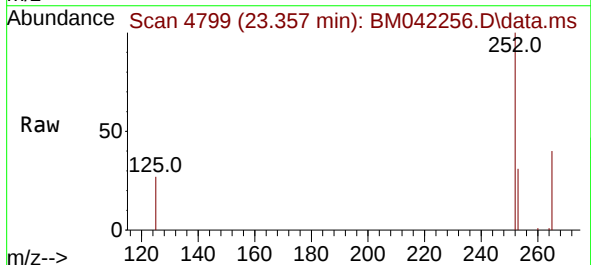
Instrument :
BNA_M
ClientSampleId :
SLCS171

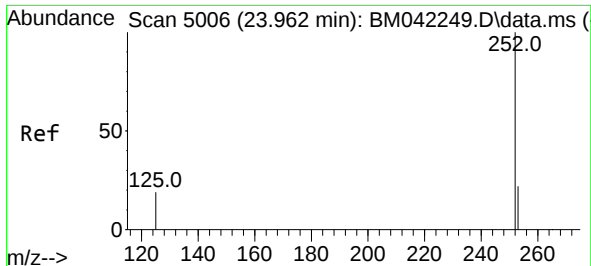
Tgt Ion:252 Resp: 9584
Ion Ratio Lower Upper
252 100
253 30.2 0.0 59.0
125 26.5 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.357 min Scan# 4799
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Tgt Ion:252 Resp: 9475
Ion Ratio Lower Upper
252 100
253 30.8 23.4 35.0
125 27.0 19.9 29.9

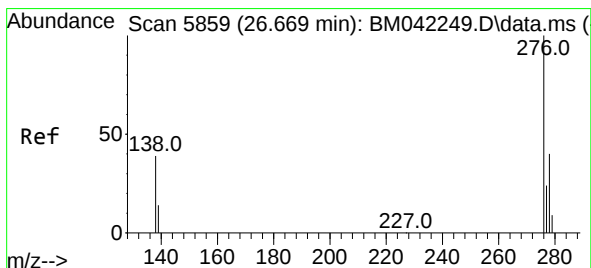
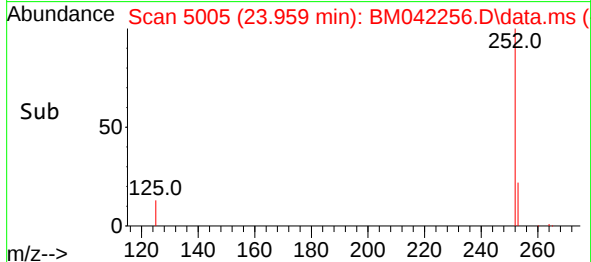
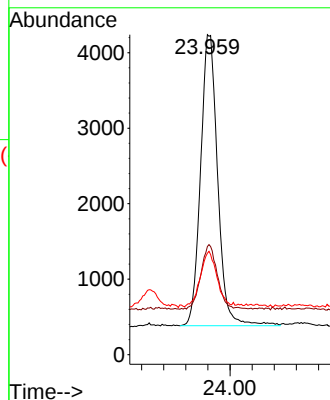
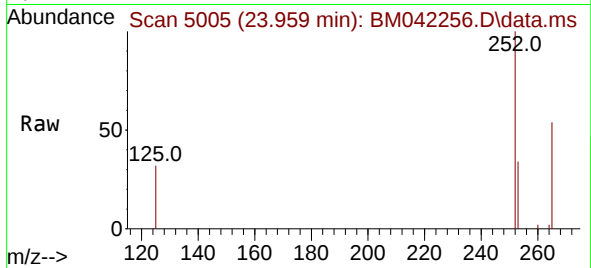




#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.959 min Scan# 5005
Delta R.T. -0.003 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

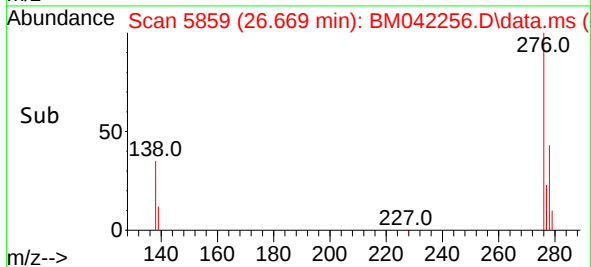
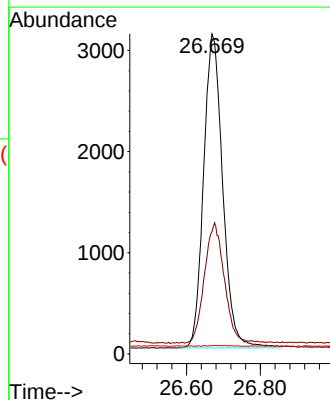
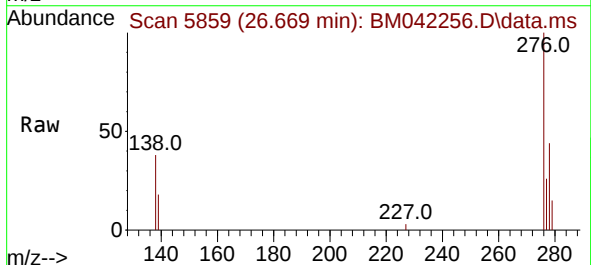
Instrument :
BNA_M
ClientSampleId :
SLCS171

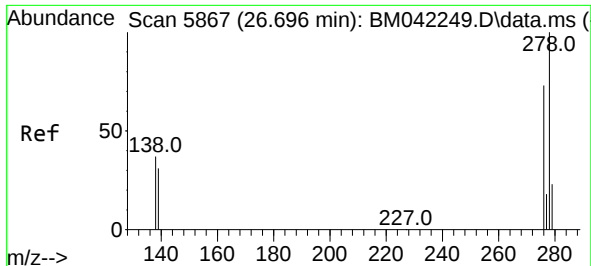
Tgt Ion:	252	Resp:	8275
Ion Ratio	Lower	Upper	
252	100		
253	33.8	25.3	37.9
125	31.7	23.2	34.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 26.669 min Scan# 5859
Delta R.T. -0.000 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Tgt Ion:	276	Resp:	11150
Ion Ratio	Lower	Upper	
276	100		
138	39.9	26.7	40.1
227	0.2	0.2	0.2

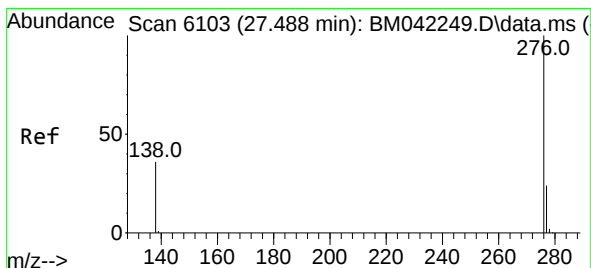
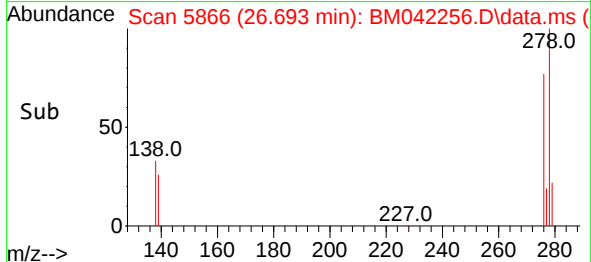
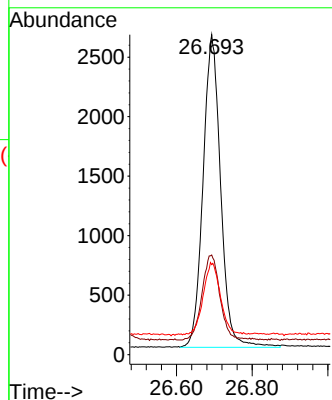
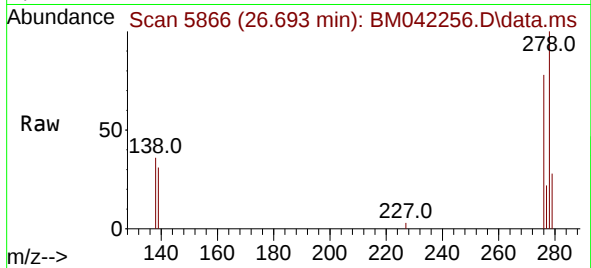




#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.693 min Scan# 5866
Delta R.T. -0.003 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Instrument :
BNA_M
ClientSampleId :
SLCS171

Tgt Ion:278 Resp: 8470
Ion Ratio Lower Upper
278 100
139 31.2 21.7 32.5
279 28.2 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.484 min Scan# 6102
Delta R.T. -0.003 min
Lab File: BM042256.D
Acq: 10 Oct 2023 18:21

Tgt Ion:276 Resp: 9480
Ion Ratio Lower Upper
276 100
138 37.5 26.8 40.2
277 25.9 20.1 30.1

