

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
 Data File : BM042257.D
 Acq On : 10 Oct 2023 18:58
 Operator : MA/JU
 Sample : PB156060BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS060

Quant Time: Oct 11 00:47:02 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

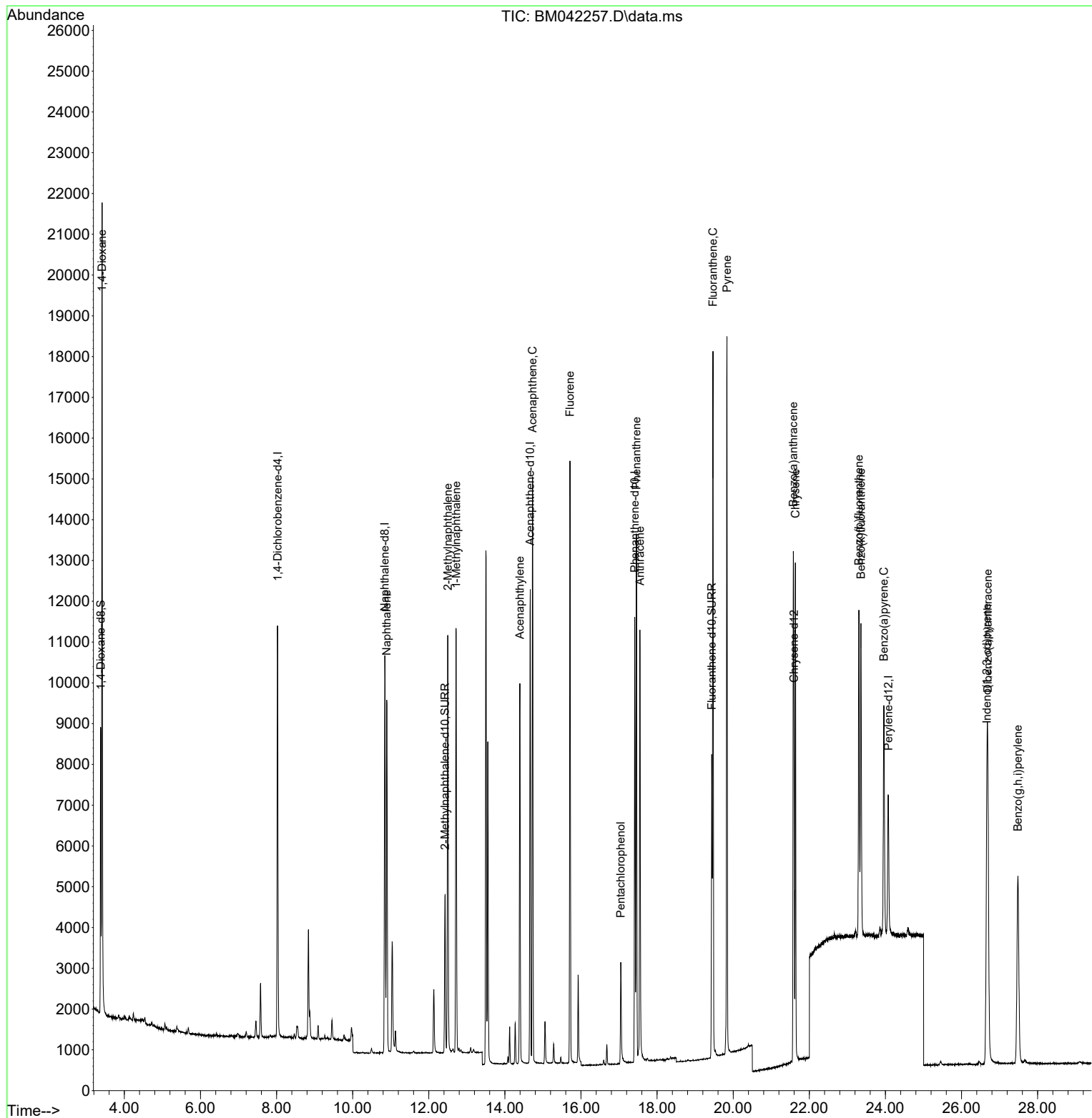
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	5005	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12705	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	5785	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	10997	0.400	ng/ul	0.00
17) Chrysene-d12	21.597	240	4930	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	4963	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3842	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	5027	0.288	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	6405	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	11487	1.650	ng/ul#	76
5) Naphthalene	10.895	128	11940	0.282	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	7270	0.286	ng/ul	98
8) 1-Methylnaphthalene	12.720	142	7080	0.277	ng/ul	98
10) Acenaphthylene	14.393	152	10708	0.293	ng/ul	100
11) Acenaphthene	14.726	153	8071	0.292	ng/ul	99
12) Fluorene	15.712	166	8919	0.286	ng/ul	98
14) Pentachlorophenol	17.046	266	1892	0.380	ng/ul	99
15) Phenanthrene	17.455	178	13491	0.298	ng/ul	99
16) Anthracene	17.548	178	11695	0.282	ng/ul	99
19) Fluoranthene	19.469	202	13611	0.363	ng/ul	95
20) Pyrene	19.836	202	13813	0.347	ng/ul	95
21) Benzo(a)anthracene	21.580	228	10031	0.315	ng/ul	100
22) Chrysene	21.635	228	10272	0.332	ng/ul	99
24) Benzo(b)fluoranthene	23.304	252	10182	0.348	ng/ul	98
25) Benzo(k)fluoranthene	23.357	252	9913	0.344	ng/ul	98
26) Benzo(a)pyrene	23.959	252	8801	0.349	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.666	276	11854	0.331	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.689	278	8894	0.330	ng/ul#	94
29) Benzo(g,h,i)perylene	27.481	276	10090	0.338	ng/ul	94

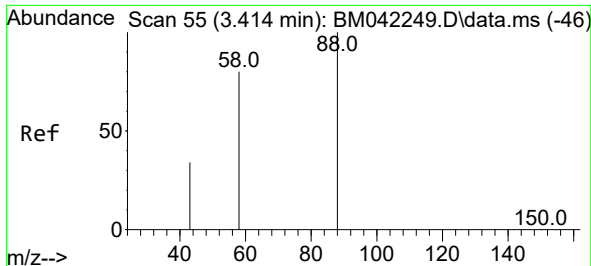
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
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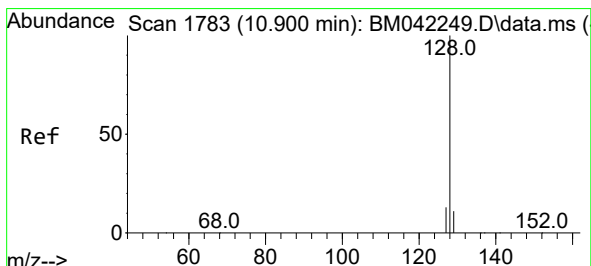
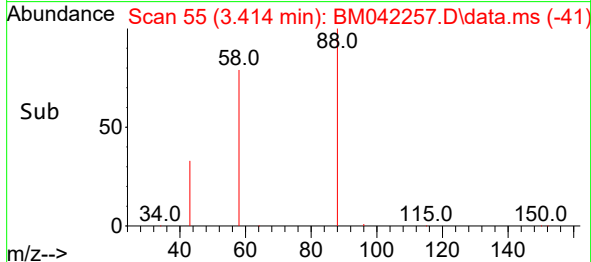
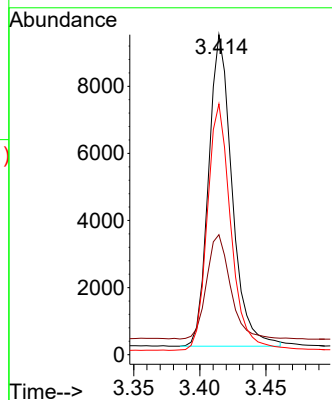
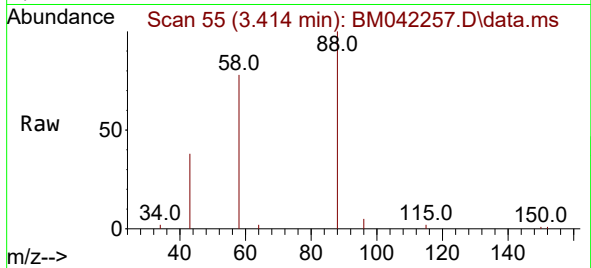




#2
1,4-Dioxane
Concen: 1.650 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

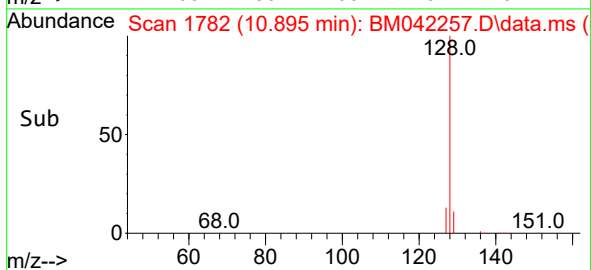
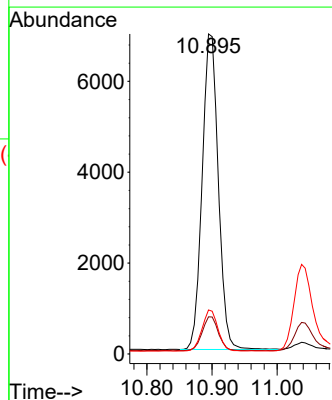
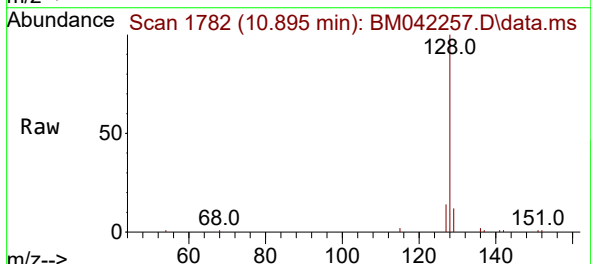
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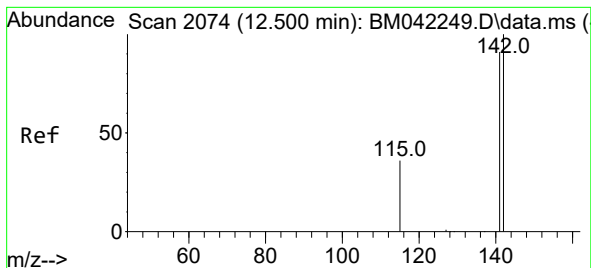
Tgt Ion: 88 Resp: 11487
Ion Ratio Lower Upper
88 100
43 37.5 52.1 78.1#
58 78.3 53.8 80.6



#5
Naphthalene
Concen: 0.282 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion: 128 Resp: 11940
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.7 11.0 16.4

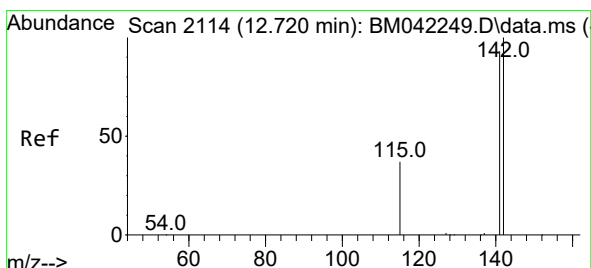
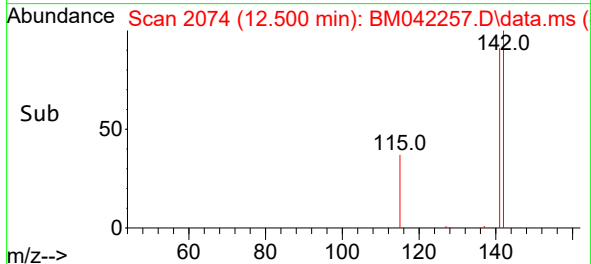
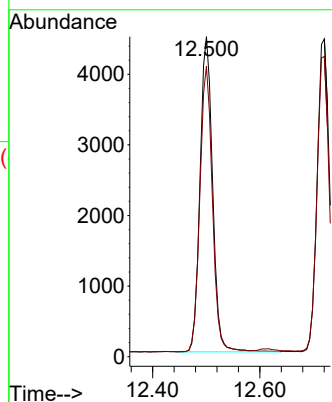
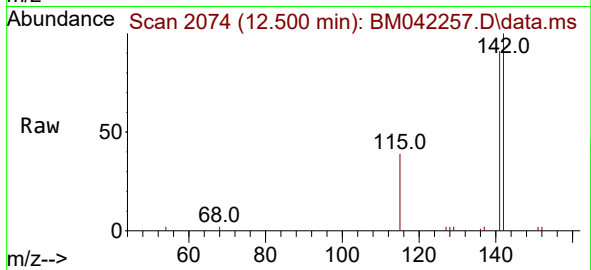




#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

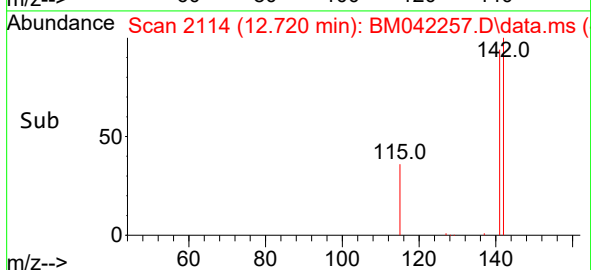
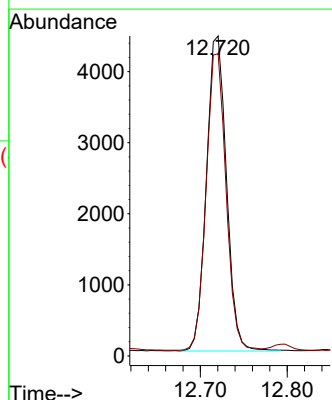
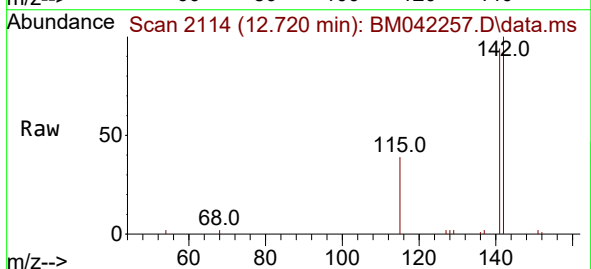
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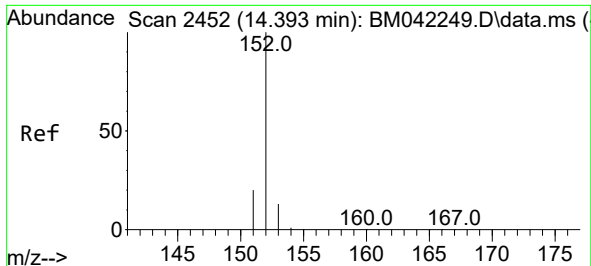
Tgt Ion:142 Resp: 7270
Ion Ratio Lower Upper
142 100
141 89.8 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:142 Resp: 7080
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3

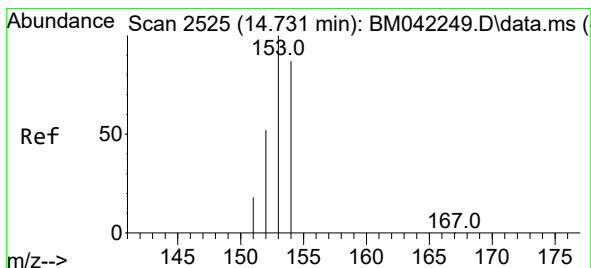
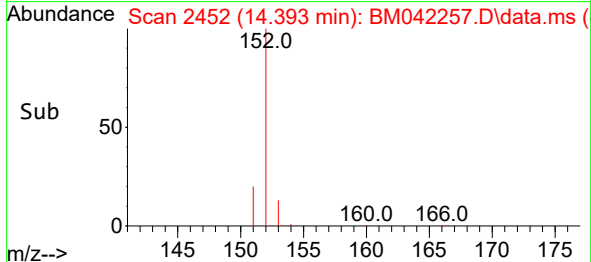
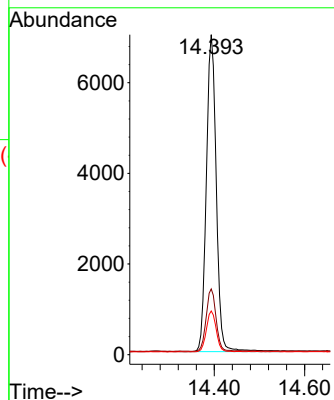
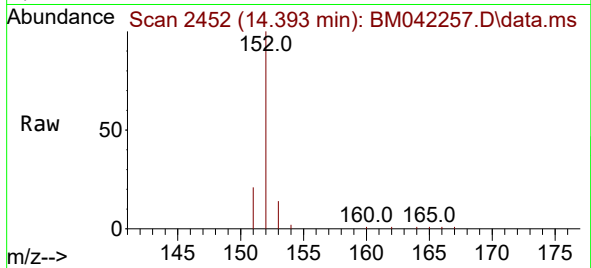




#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.393 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

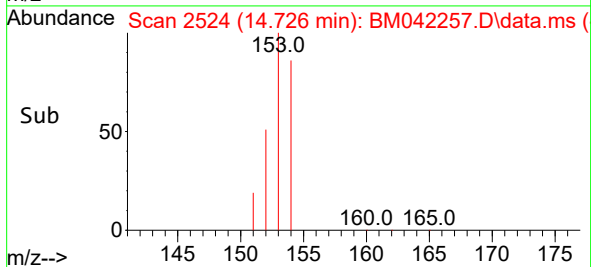
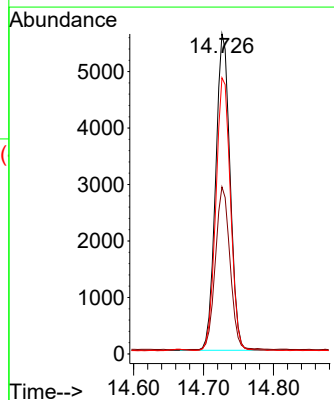
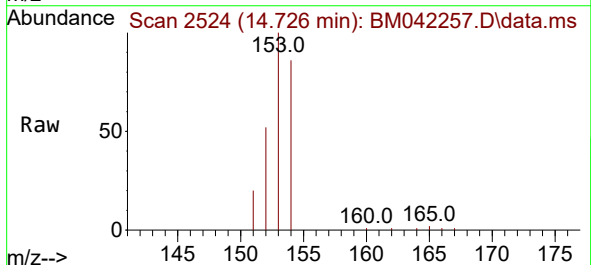
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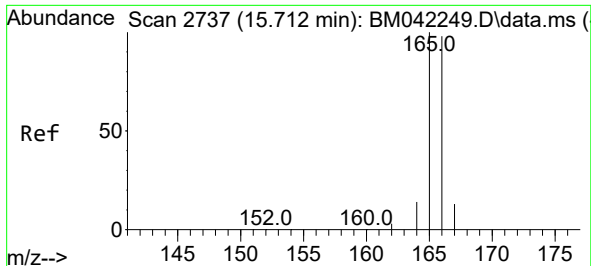
Tgt Ion:152 Resp: 10708
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:153 Resp: 8071
Ion Ratio Lower Upper
153 100
152 52.2 41.1 61.7
154 86.3 69.5 104.3

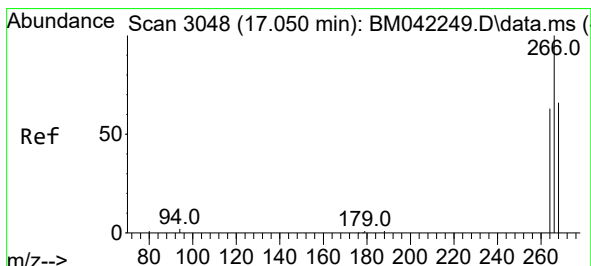
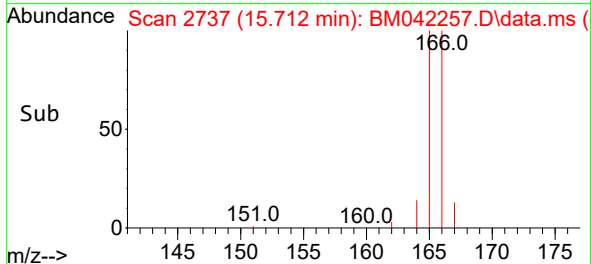
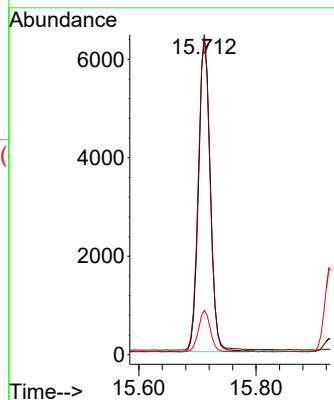
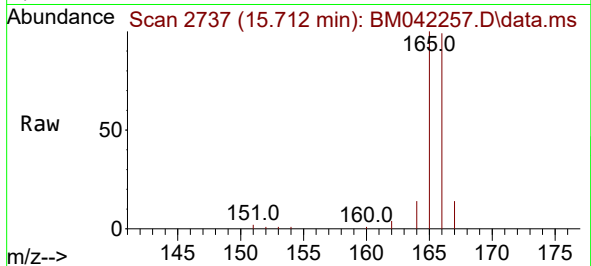




#12
 Fluorene
 Concen: 0.286 ng/ul
 RT: 15.712 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042257.D
 Acq: 10 Oct 2023 18:58

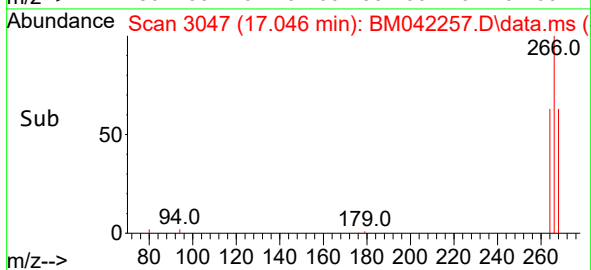
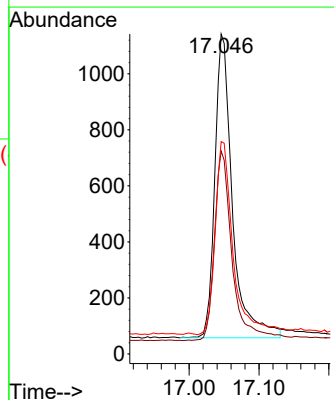
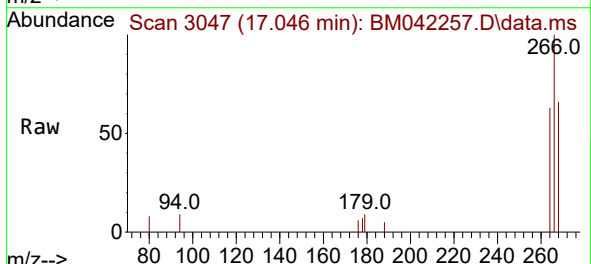
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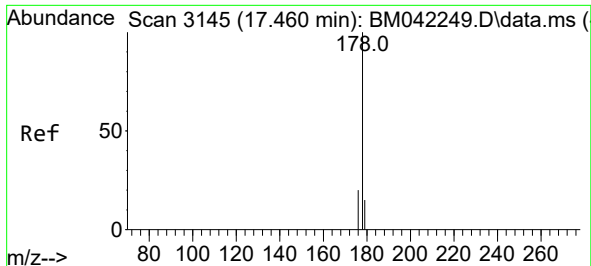
Tgt Ion:166 Resp: 8919
 Ion Ratio Lower Upper
 166 100
 165 100.6 78.4 117.6
 167 13.9 11.5 17.3



#14
 Pentachlorophenol
 Concen: 0.380 ng/ul
 RT: 17.046 min Scan# 3047
 Delta R.T. -0.004 min
 Lab File: BM042257.D
 Acq: 10 Oct 2023 18:58

Tgt Ion:266 Resp: 1892
 Ion Ratio Lower Upper
 266 100
 264 62.9 51.1 76.7
 268 65.2 52.1 78.1

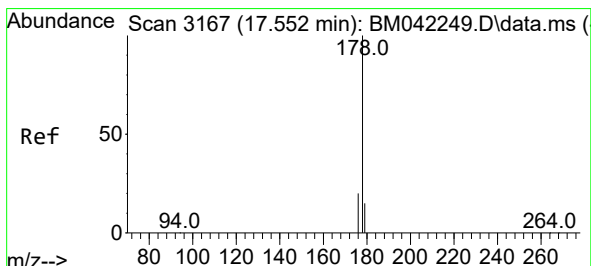
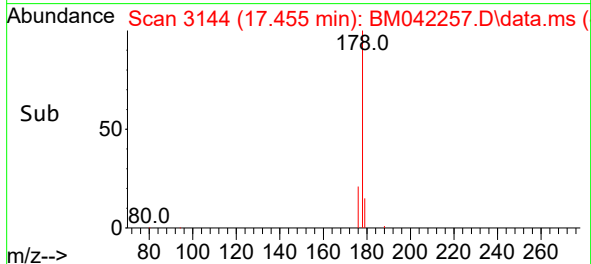
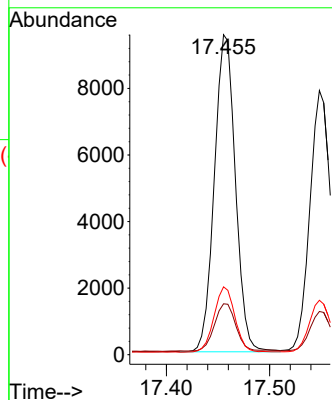
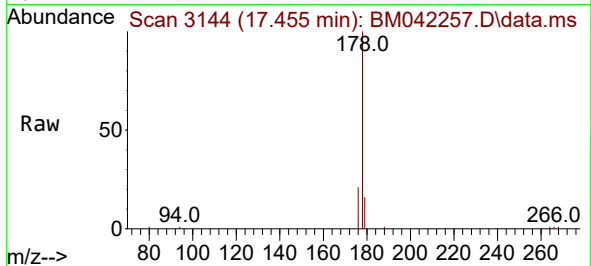




#15
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

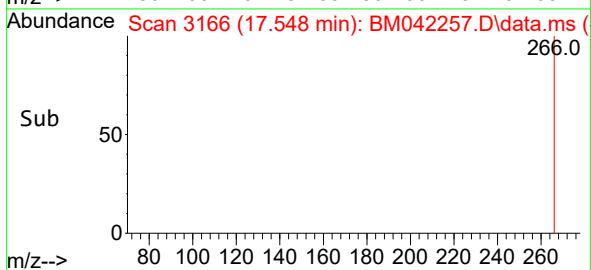
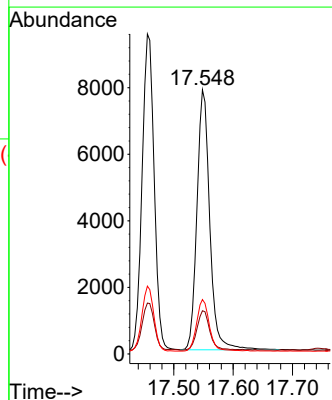
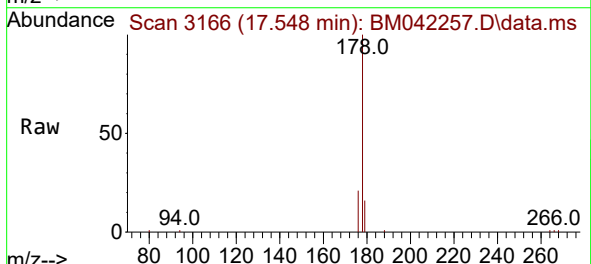
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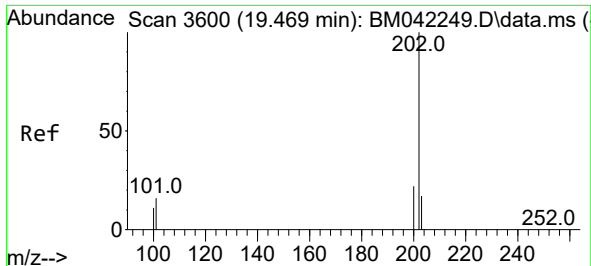
Tgt Ion:178 Resp: 13491
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 21.2 16.8 25.2



#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:178 Resp: 11695
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 20.6 16.3 24.5

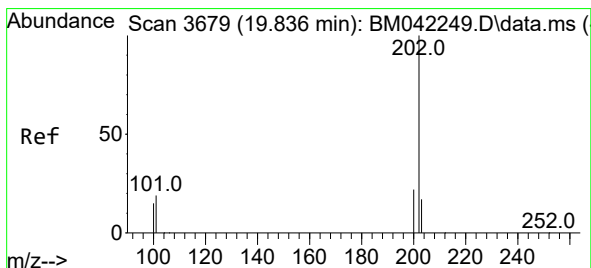
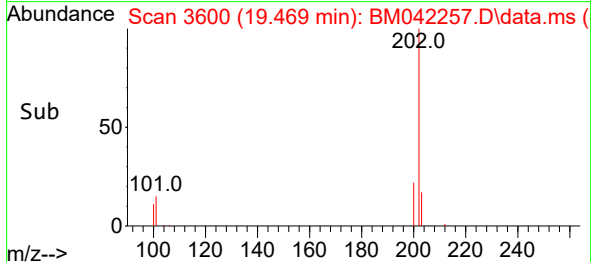
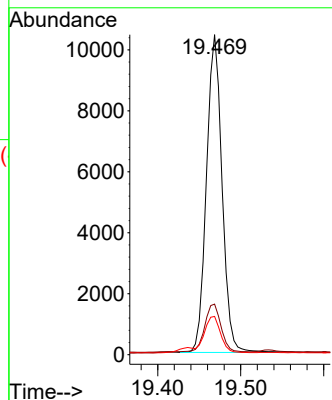
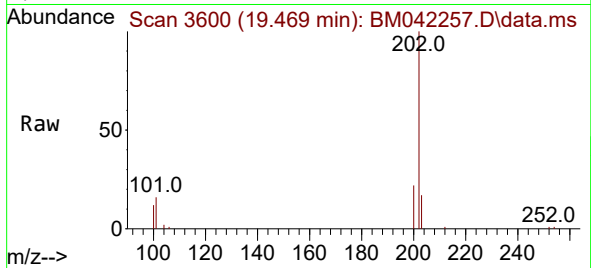




#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.469 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

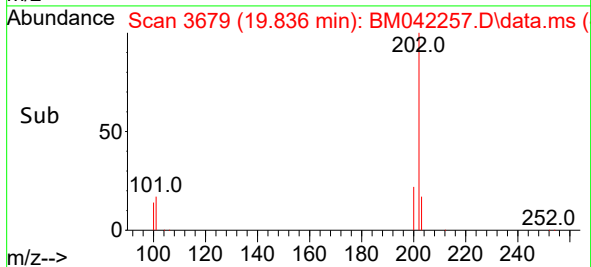
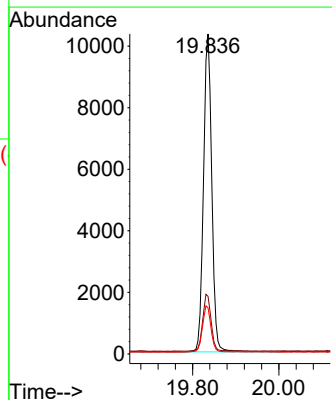
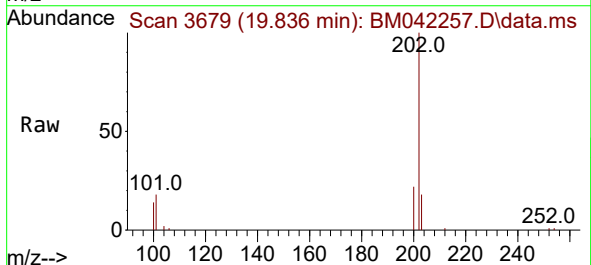
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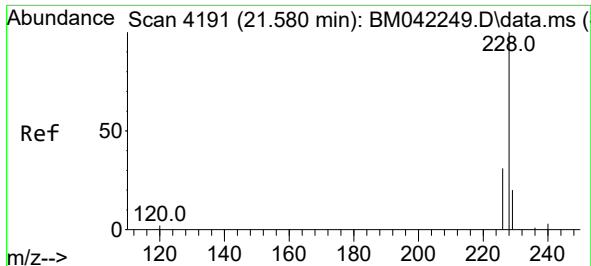
Tgt Ion:202 Resp: 13611
Ion Ratio Lower Upper
202 100
101 15.8 11.1 16.7
100 11.9 8.2 12.2



#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:202 Resp: 13813
Ion Ratio Lower Upper
202 100
101 18.0 12.7 19.1
100 14.4 9.9 14.9

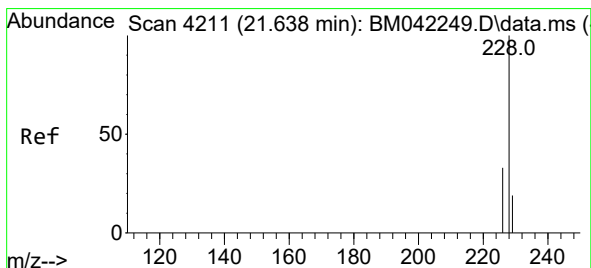
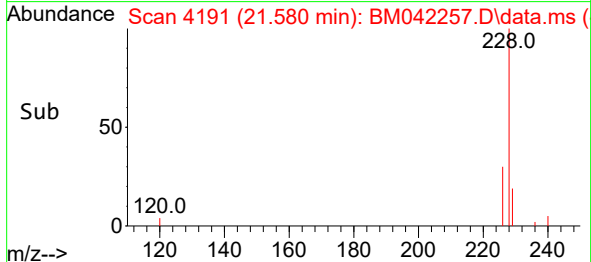
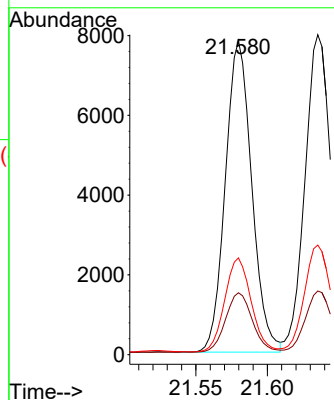
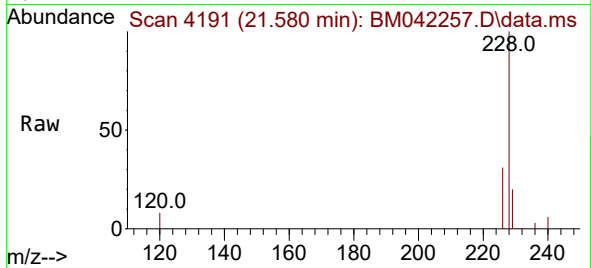




#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

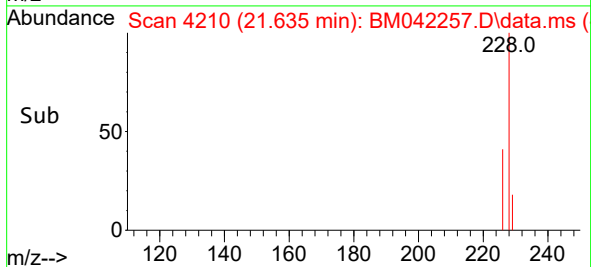
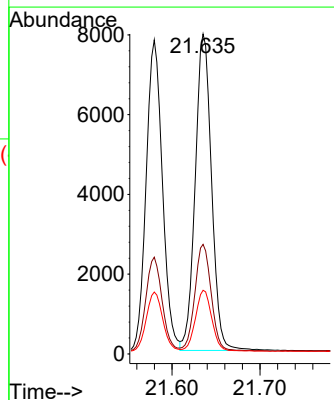
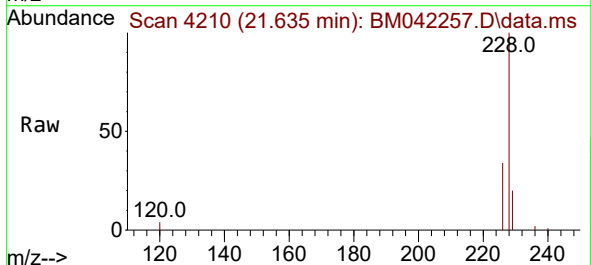
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ClientSampleId :
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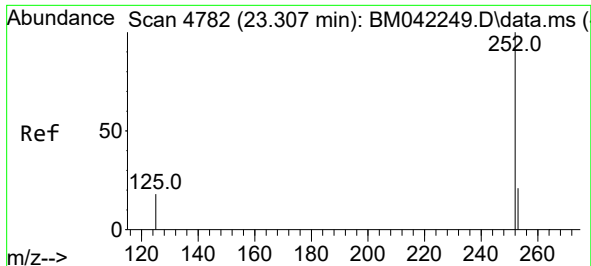
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Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 30.8 24.6 37.0



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.635 min Scan# 4210
Delta R.T. -0.003 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:228 Resp: 10272
Ion Ratio Lower Upper
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226 34.2 26.7 40.1
229 19.9 15.8 23.8

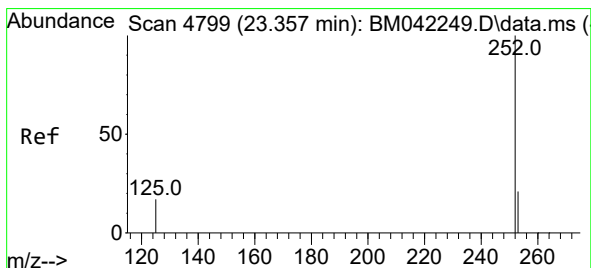
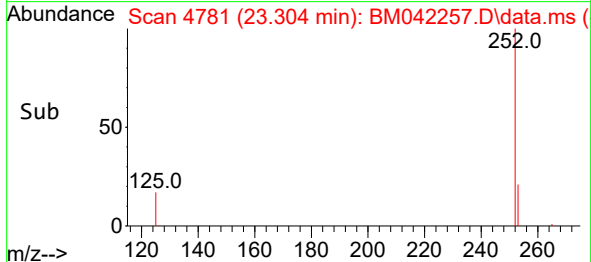
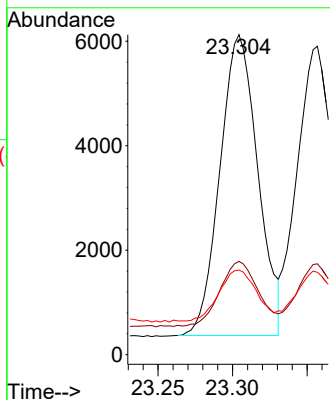
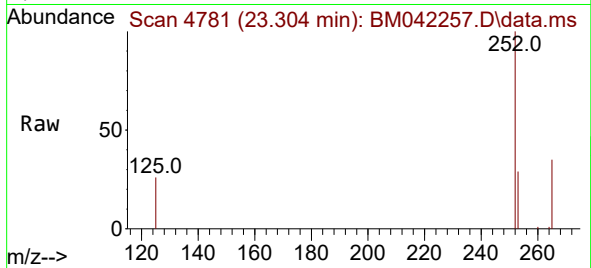




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.304 min Scan# 4781
Delta R.T. -0.003 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

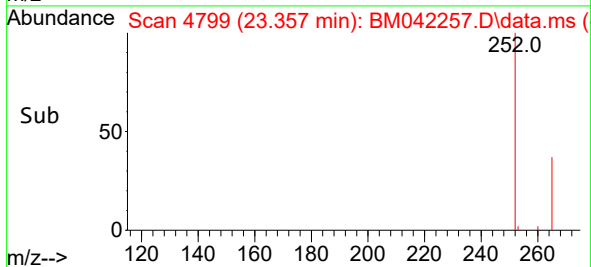
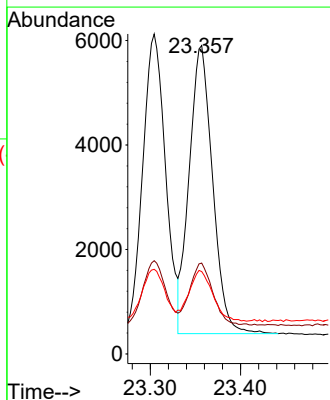
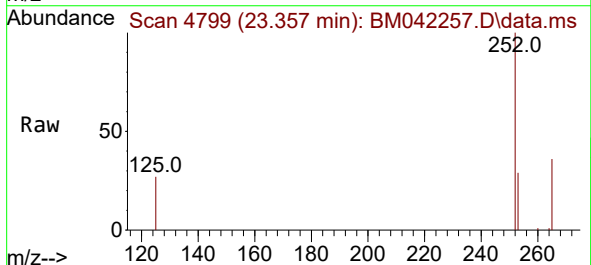
Instrument :
BNA_M
ClientSampleId :
SLCS060

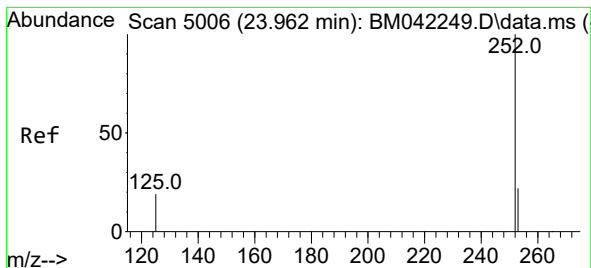
Tgt Ion:252 Resp: 10182
Ion Ratio Lower Upper
252 100
253 29.1 0.0 59.0
125 26.4 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.357 min Scan# 4799
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:252 Resp: 9913
Ion Ratio Lower Upper
252 100
253 29.4 23.4 35.0
125 26.7 19.9 29.9





#26

Benzo(a)pyrene

Concen: 0.349 ng/ul

RT: 23.959 min Scan# 5005

Delta R.T. -0.003 min

Lab File: BM042257.D

Acq: 10 Oct 2023 18:58

Instrument :

BNA_M

ClientSampleId :

SLCS060

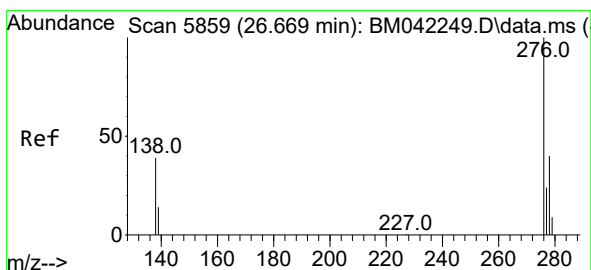
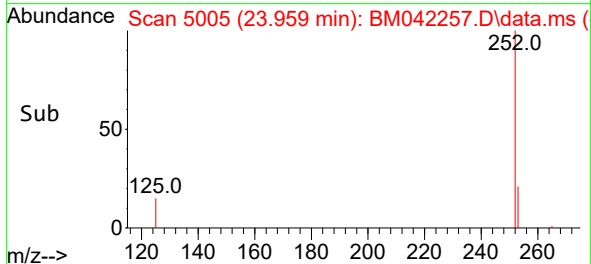
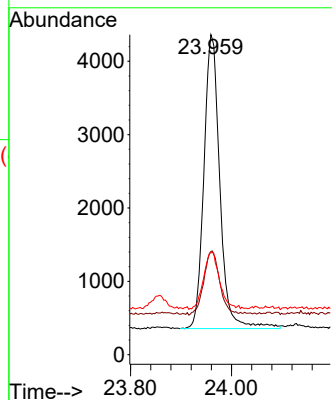
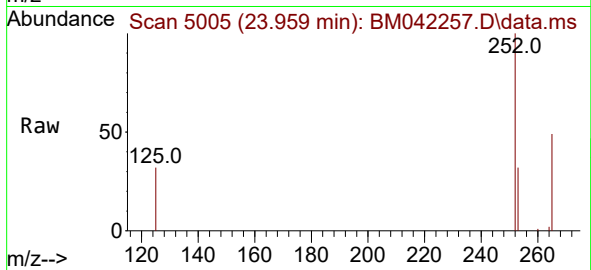
Tgt Ion:252 Resp: 8801

Ion Ratio Lower Upper

252 100

253 32.3 25.3 37.9

125 31.8 23.2 34.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.331 ng/ul

RT: 26.666 min Scan# 5858

Delta R.T. -0.003 min

Lab File: BM042257.D

Acq: 10 Oct 2023 18:58

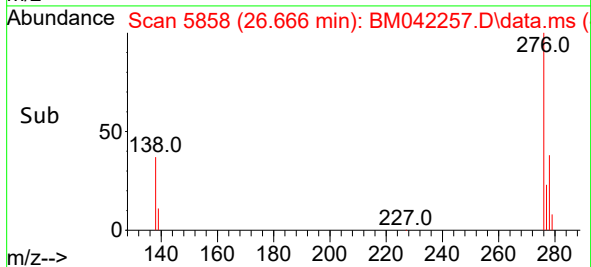
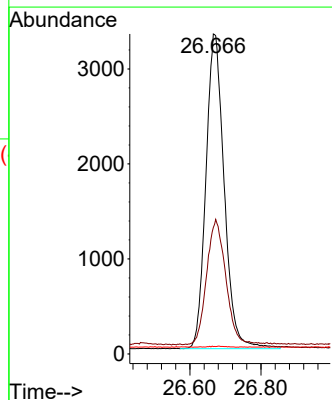
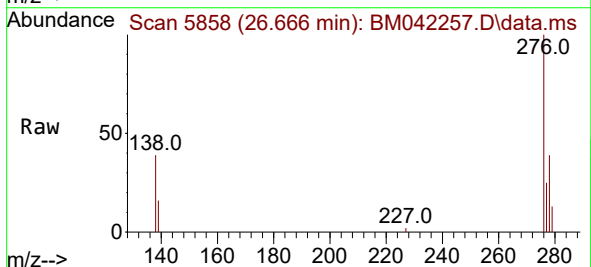
Tgt Ion:276 Resp: 11854

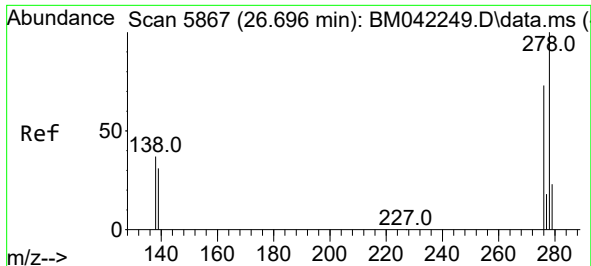
Ion Ratio Lower Upper

276 100

138 41.5 26.7 40.1#

227 0.2 0.2 0.2

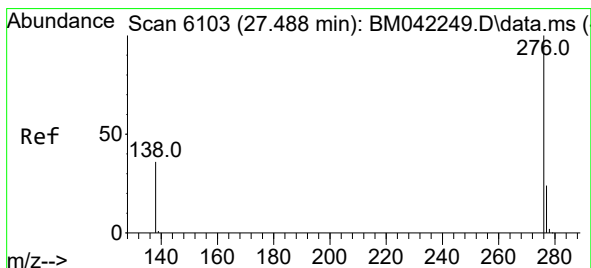
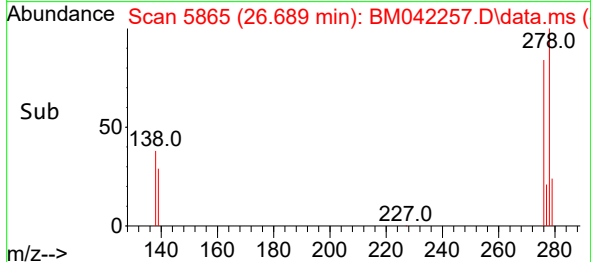
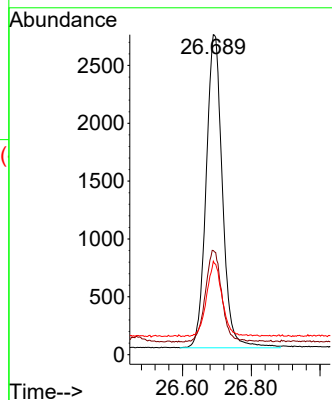
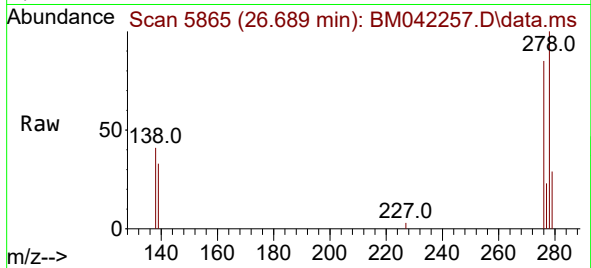




#28
 Dibenzo(a,h)anthracene
 Concen: 0.330 ng/ul
 RT: 26.689 min Scan# 5865
 Delta R.T. -0.007 min
 Lab File: BM042257.D
 Acq: 10 Oct 2023 18:58

Instrument :
 BNA_M
 ClientSampleId :
 SLCS060

Tgt Ion:278 Resp: 8894
 Ion Ratio Lower Upper
 278 100
 139 32.5 21.7 32.5#
 279 29.2 22.4 33.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.338 ng/ul
 RT: 27.481 min Scan# 6101
 Delta R.T. -0.007 min
 Lab File: BM042257.D
 Acq: 10 Oct 2023 18:58

Tgt Ion:276 Resp: 10090
 Ion Ratio Lower Upper
 276 100
 138 38.5 26.8 40.2
 277 25.8 20.1 30.1

