

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053023\
 Data File : BM040066.D
 Acq On : 30 May 2023 21:07
 Operator : CG/JU
 Sample : PB153104BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS104

Quant Time: May 31 02:03:36 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 14:54:33 2023
 Response via : Initial Calibration

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

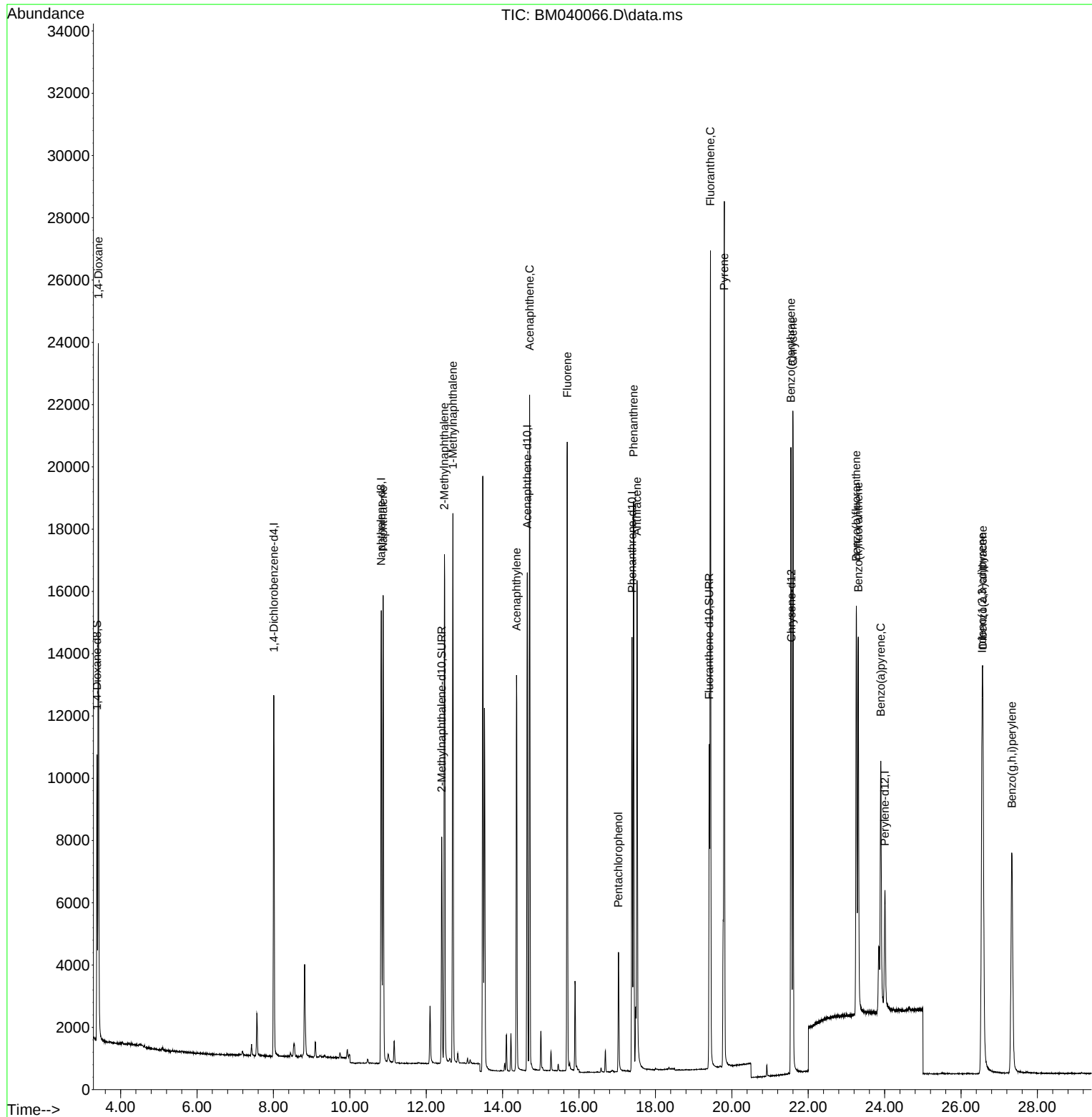
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6074	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	19449	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	8641	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	15588	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	7141	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	5506	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	5712	0.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	9419	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	10720	0.499	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.417	88	14863	1.997	ng/ul	92
5) Naphthalene	10.871	128	20174	0.425	ng/ul	100
7) 2-Methylnaphthalene	12.477	142	11694	0.408	ng/ul	99
8) 1-Methylnaphthalene	12.697	142	11871	0.398	ng/ul	99
10) Acenaphthylene	14.364	152	14100	0.410	ng/ul	99
11) Acenaphthene	14.707	153	12051	0.430	ng/ul	99
12) Fluorene	15.692	166	12474	0.427	ng/ul	99
14) Pentachlorophenol	17.032	266	2663	0.843	ng/ul	98
15) Phenanthrene	17.429	178	18755	0.425	ng/ul	100
16) Anthracene	17.518	178	17940	0.484	ng/ul	99
19) Fluoranthene	19.440	202	21707	0.676	ng/ul	99
20) Pyrene	19.802	202	22322	0.685	ng/ul	100
21) Benzo(a)anthracene	21.547	228	16464	0.685	ng/ul	99
22) Chrysene	21.599	228	18754	0.734	ng/ul	100
24) Benzo(b)fluoranthene	23.260	252	16822	0.769	ng/ul	98
25) Benzo(k)fluoranthene	23.309	252	16627	0.754	ng/ul	99
26) Benzo(a)pyrene	23.900	252	13206	0.722	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.551	276	18613	0.707	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.571	278	14875	0.699	ng/ul	99
29) Benzo(g,h,i)perylene	27.329	276	15763	0.731	ng/ul	97

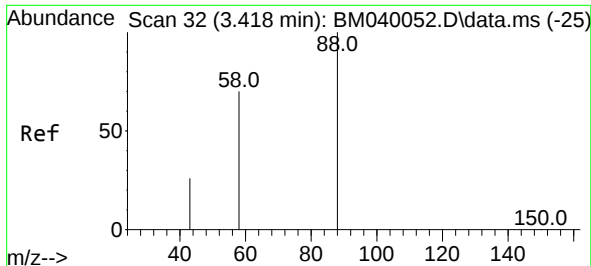
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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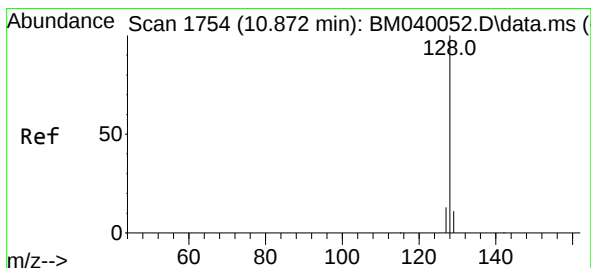
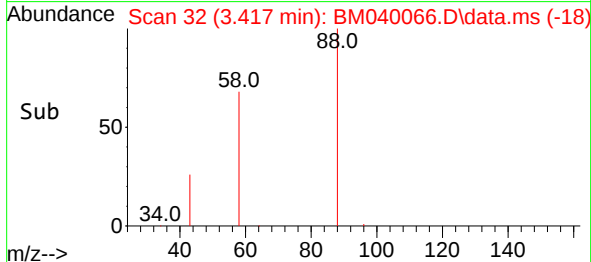
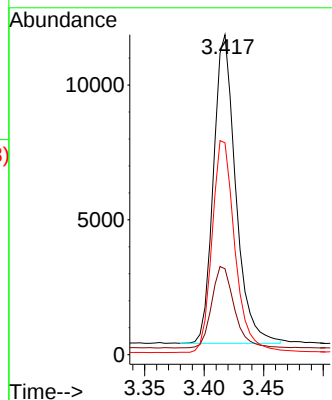
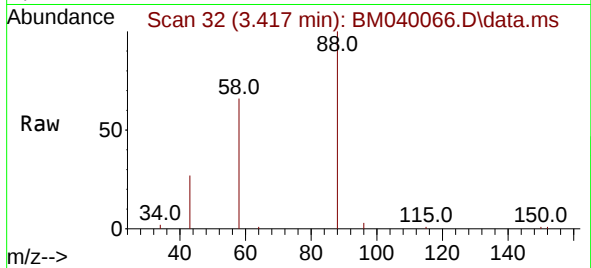




#2
1,4-Dioxane
Concen: 1.997 ng/ul
RT: 3.417 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

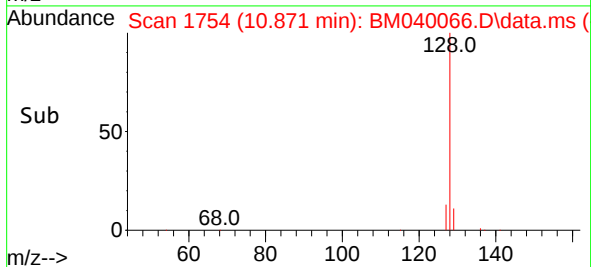
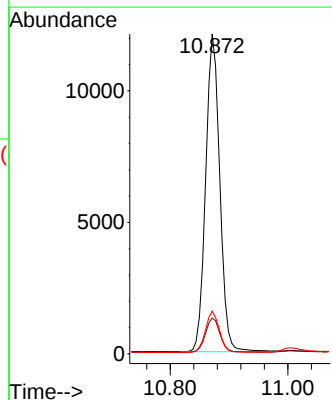
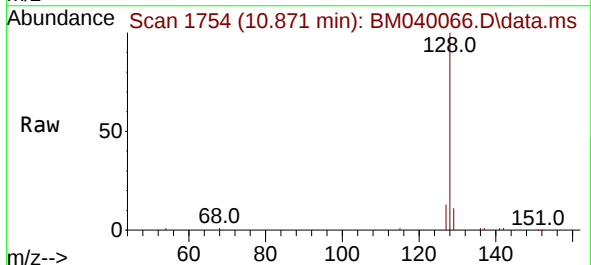
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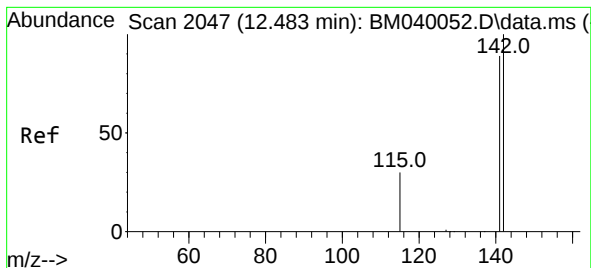
Tgt Ion: 88 Resp: 14863
Ion Ratio Lower Upper
88 100
43 26.9 25.9 38.9
58 66.2 48.5 72.7



#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.871 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion: 128 Resp: 20174
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.5 15.7

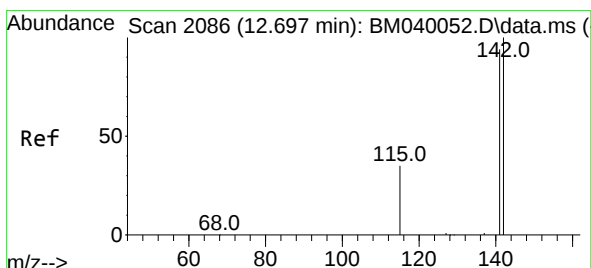
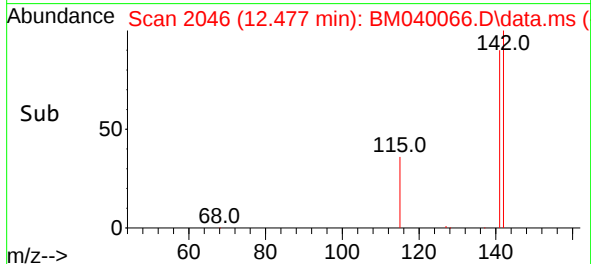
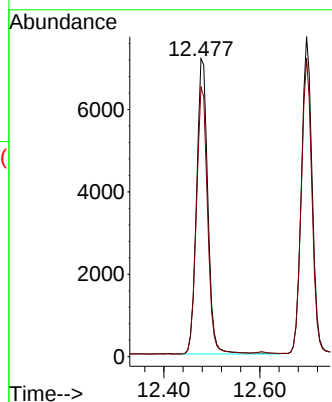
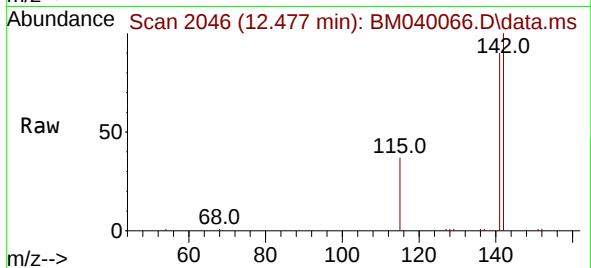




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.477 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

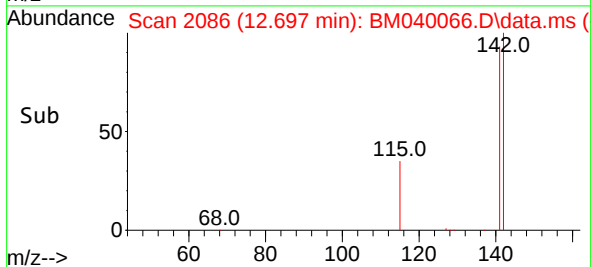
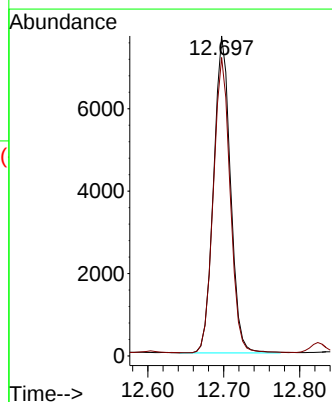
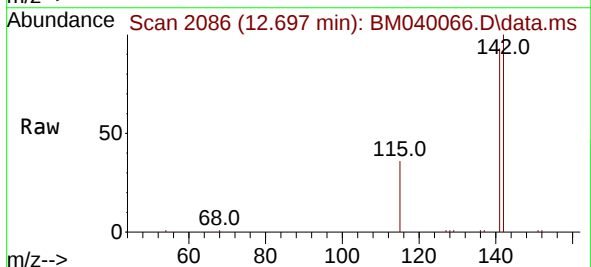
Instrument :
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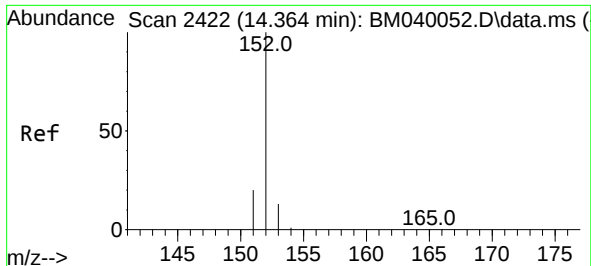
Tgt Ion:142 Resp: 11694
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:142 Resp: 11871
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6

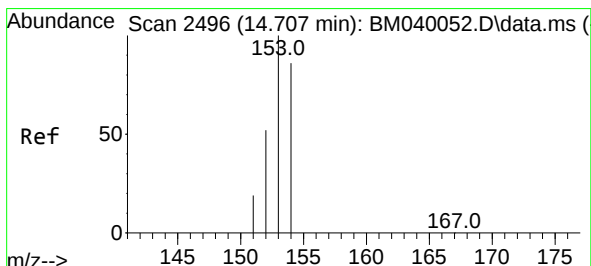
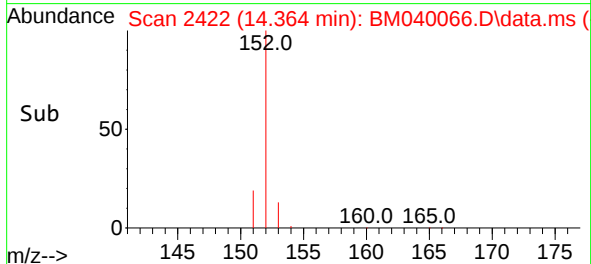
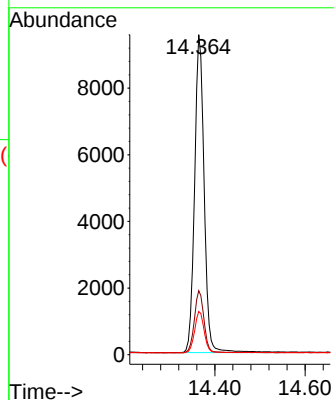
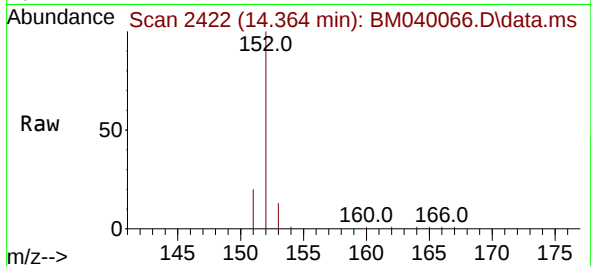




#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 14.364 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

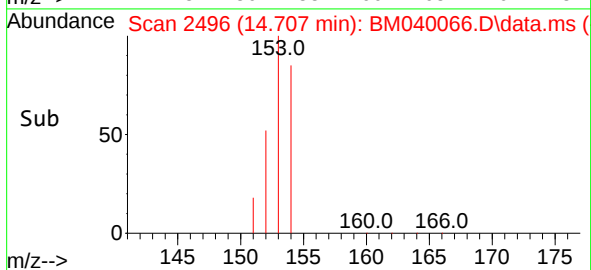
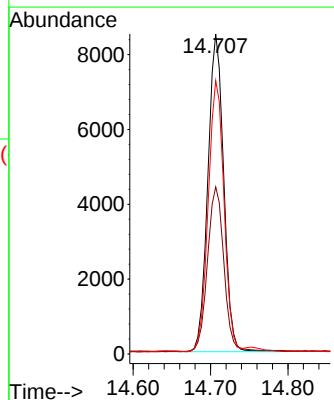
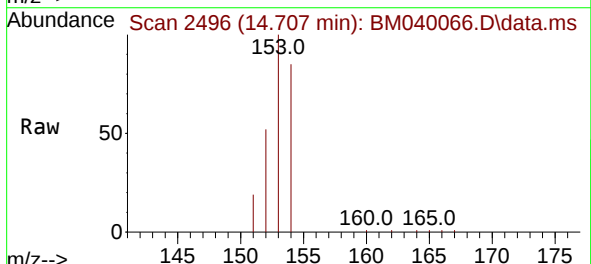
Instrument :
BNA_M
ClientSampleId :
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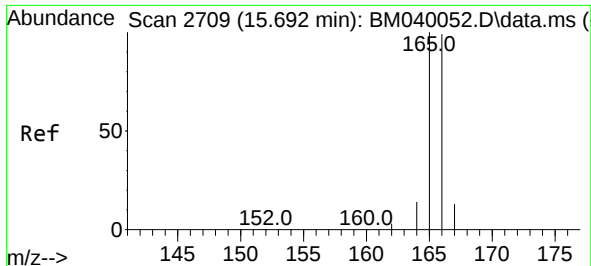
Tgt Ion:152 Resp: 14100
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.707 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:153 Resp: 12051
Ion Ratio Lower Upper
153 100
152 52.2 42.0 63.0
154 85.4 69.4 104.2

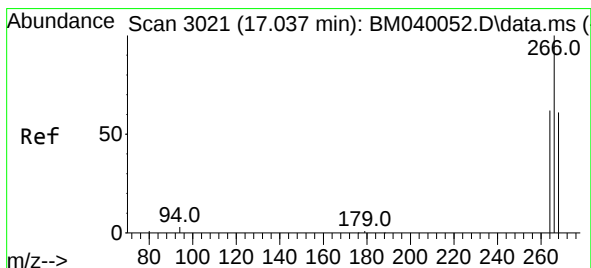
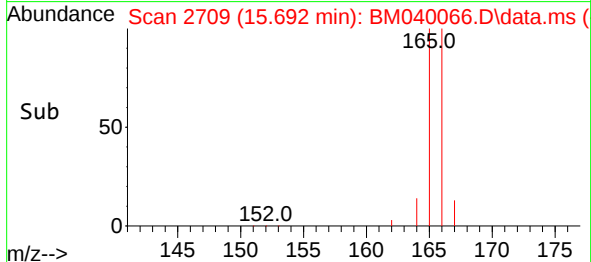
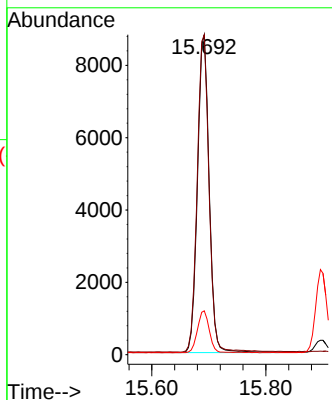
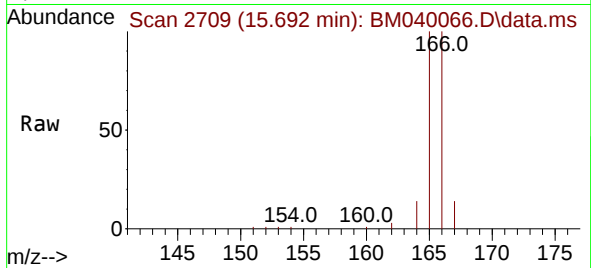




#12
Fluorene
Concen: 0.427 ng/ul
RT: 15.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

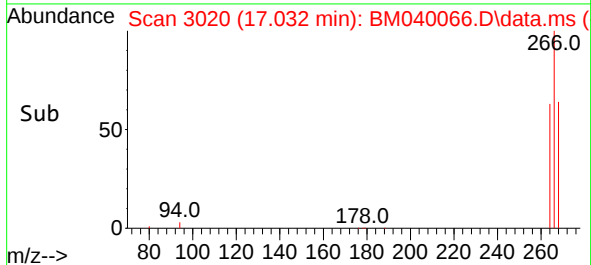
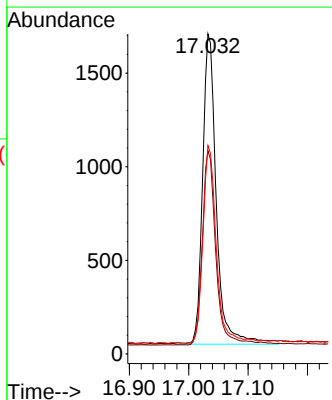
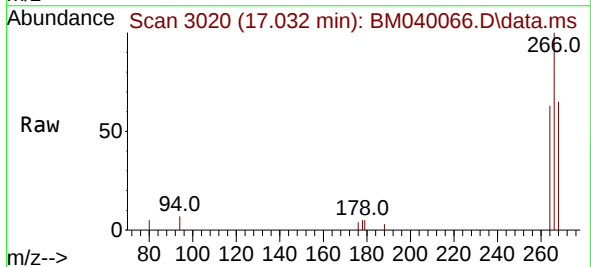
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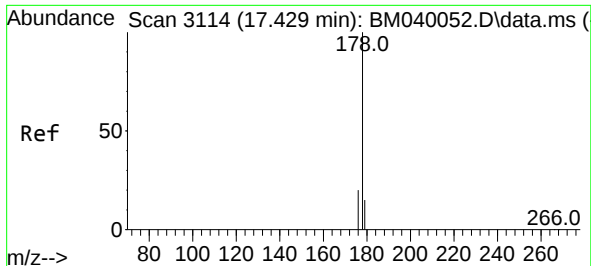
Tgt Ion:166 Resp: 12474
Ion Ratio Lower Upper
166 100
165 100.1 79.3 118.9
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.843 ng/ul
RT: 17.032 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:266 Resp: 2663
Ion Ratio Lower Upper
266 100
264 62.2 49.2 73.8
268 63.2 51.9 77.9

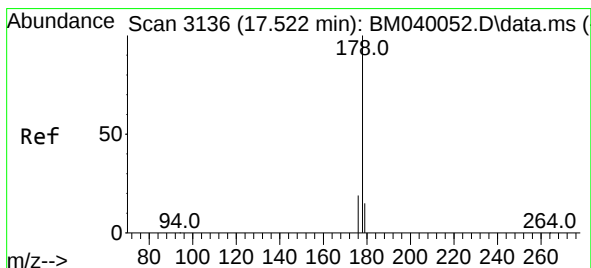
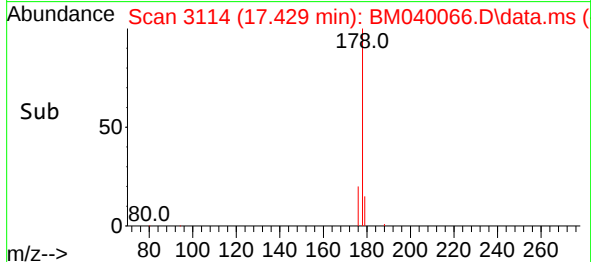
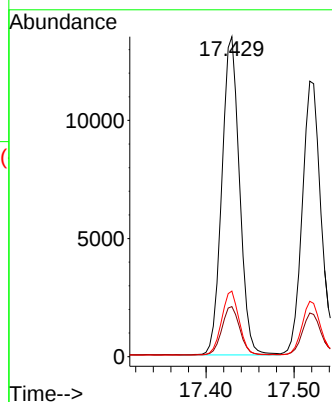
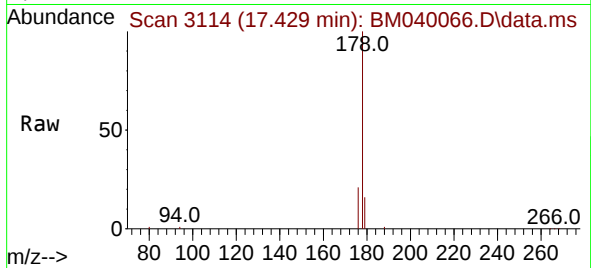




#15
Phenanthrene
Concen: 0.425 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

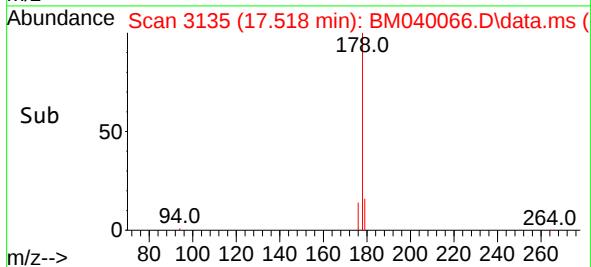
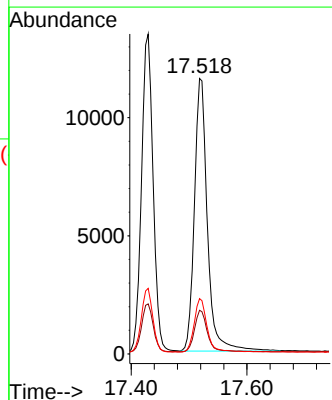
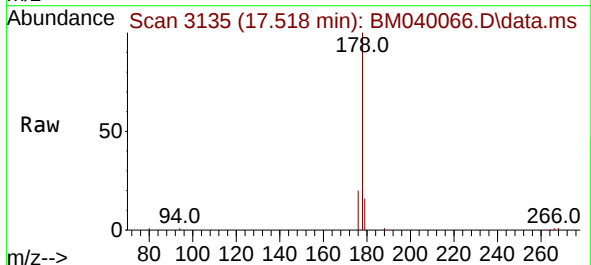
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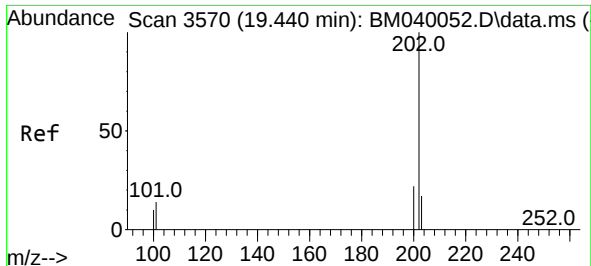
Tgt Ion:	178	Resp:	18755
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.4	18.6
176	20.5	16.3	24.5



#16
Anthracene
Concen: 0.484 ng/ul
RT: 17.518 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:	178	Resp:	17940
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	20.1	15.5	23.3

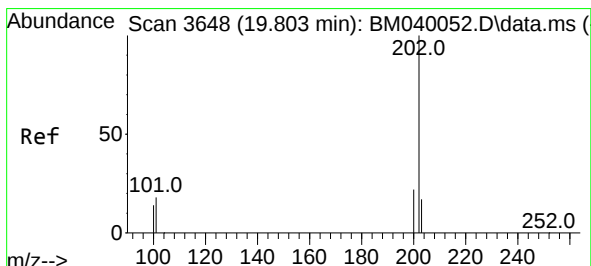
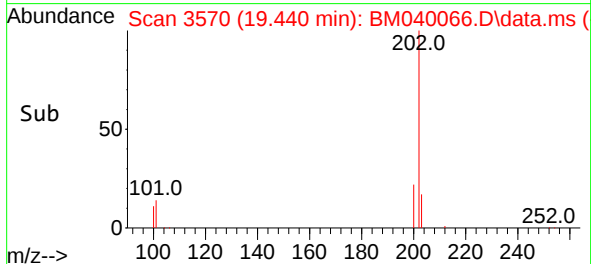
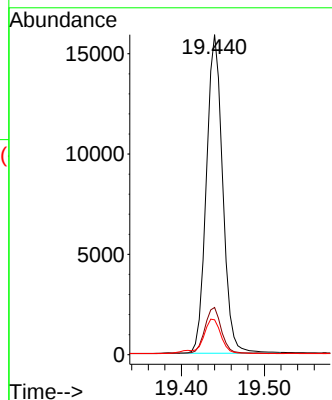
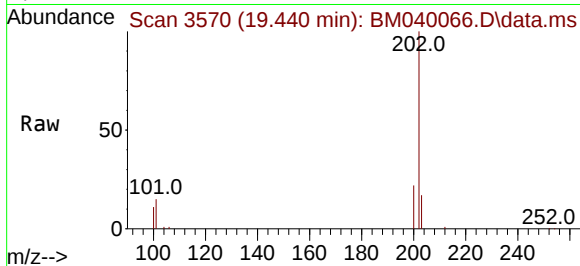




#19
Fluoranthene
Concen: 0.676 ng/u1
RT: 19.440 min Scan# 3570
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

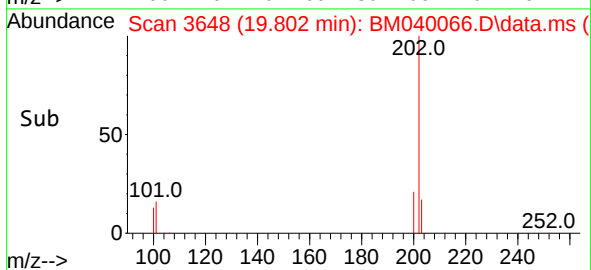
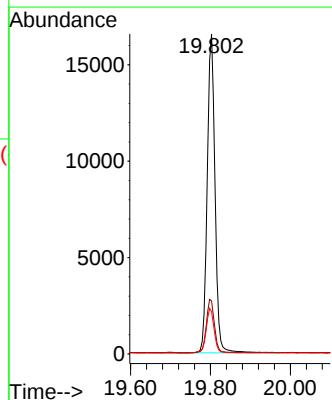
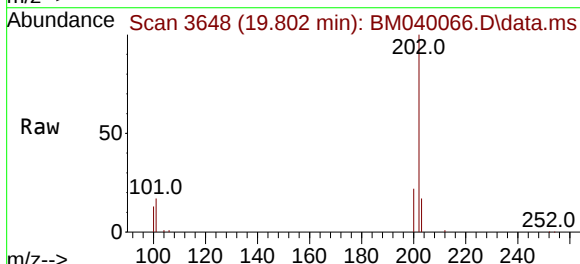
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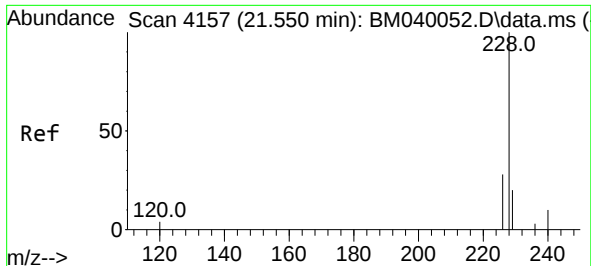
Tgt Ion:202 Resp: 21707
Ion Ratio Lower Upper
202 100
101 14.7 11.5 17.3
100 10.9 8.5 12.7



#20
Pyrene
Concen: 0.685 ng/u1
RT: 19.802 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:202 Resp: 22322
Ion Ratio Lower Upper
202 100
101 16.6 13.3 19.9
100 13.2 10.9 16.3

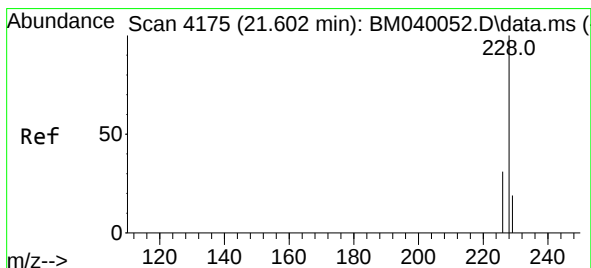
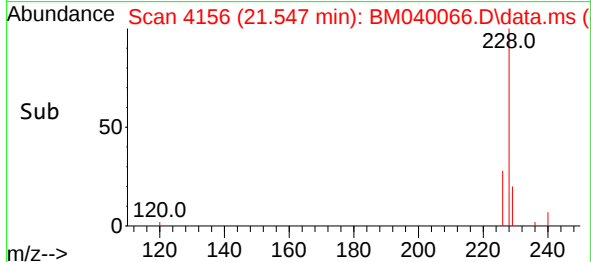
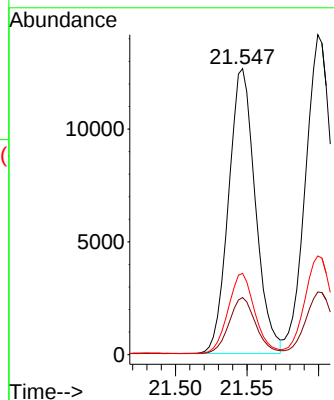
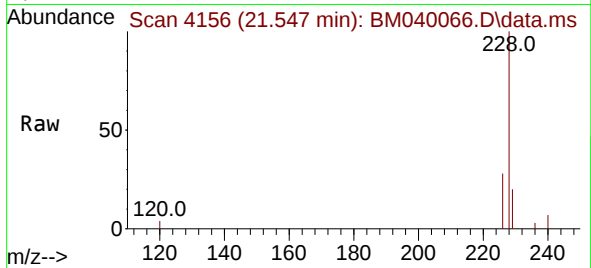




#21
Benzo(a)anthracene
Concen: 0.685 ng/ul
RT: 21.547 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

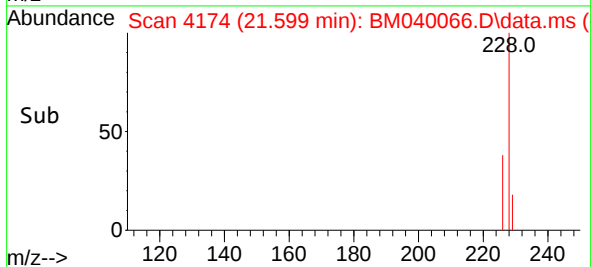
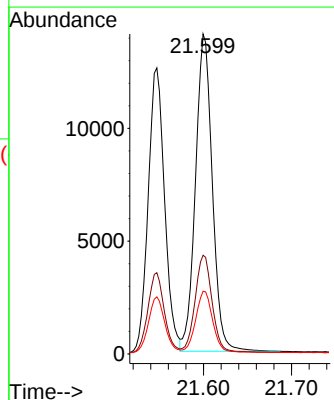
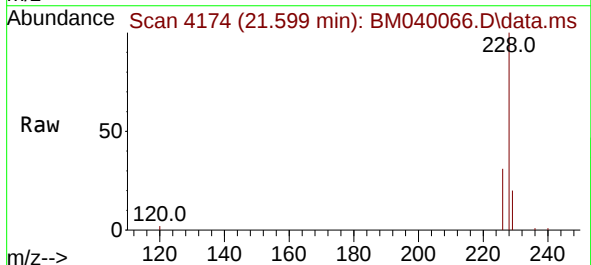
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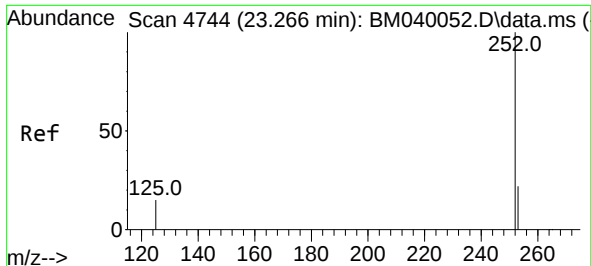
Tgt Ion:228 Resp: 16464
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.4 22.5 33.7



#22
Chrysene
Concen: 0.734 ng/ul
RT: 21.599 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:228 Resp: 18754
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 19.6 15.6 23.4

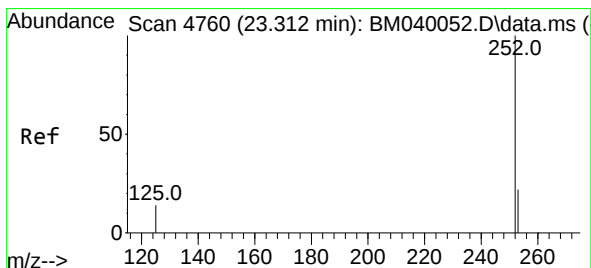
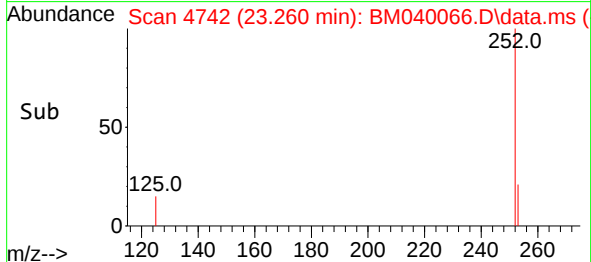
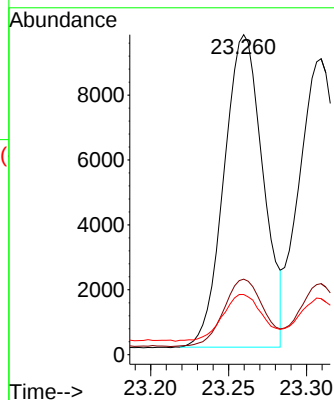
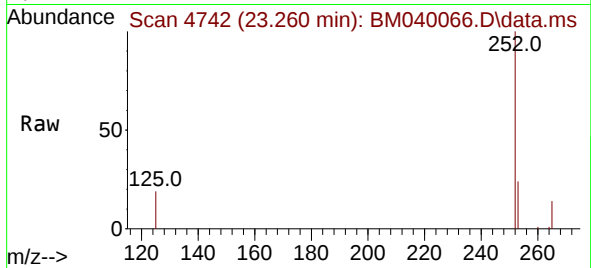




#24
Benzo(b)fluoranthene
Concen: 0.769 ng/ul
RT: 23.260 min Scan# 4744
Delta R.T. -0.006 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

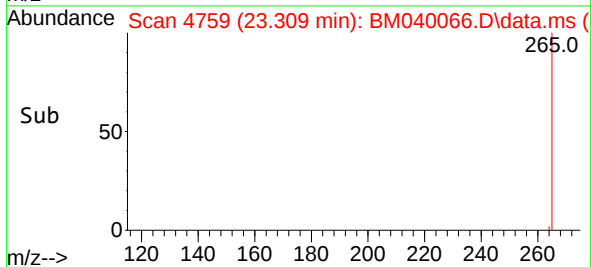
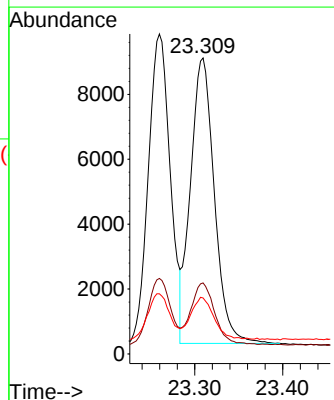
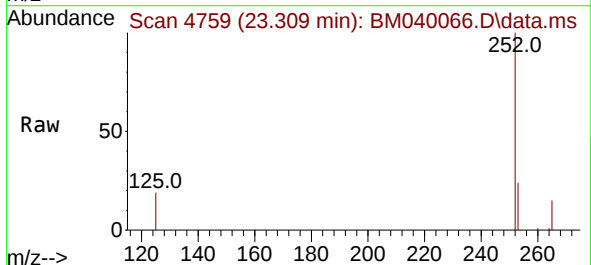
Instrument :
BNA_M
ClientSampleId :
SLCS104

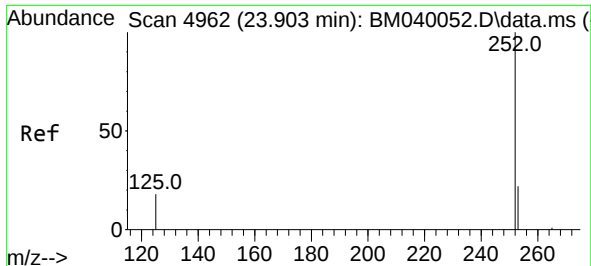
Tgt Ion:252 Resp: 16822
Ion Ratio Lower Upper
252 100
253 23.6 0.0 49.8
125 18.8 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.754 ng/ul
RT: 23.309 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:252 Resp: 16627
Ion Ratio Lower Upper
252 100
253 24.0 19.7 29.5
125 18.9 15.0 22.4

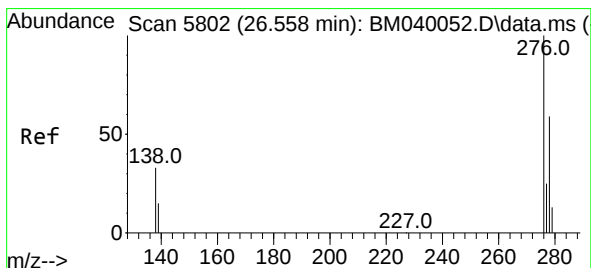
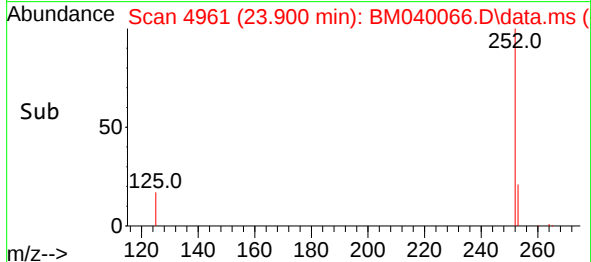
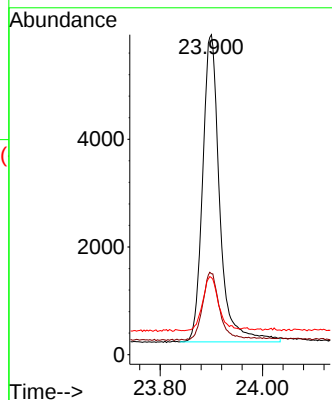
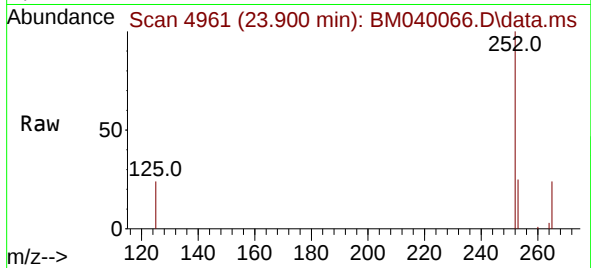




#26
Benzo(a)pyrene
Concen: 0.722 ng/ul
RT: 23.900 min Scan# 4962
Delta R.T. -0.003 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

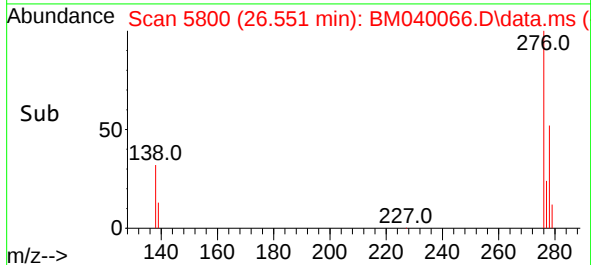
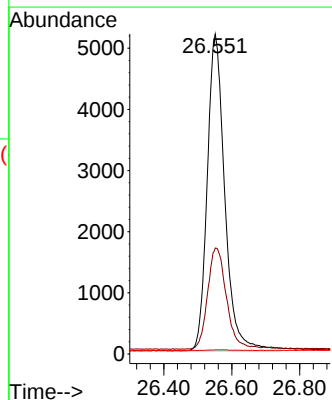
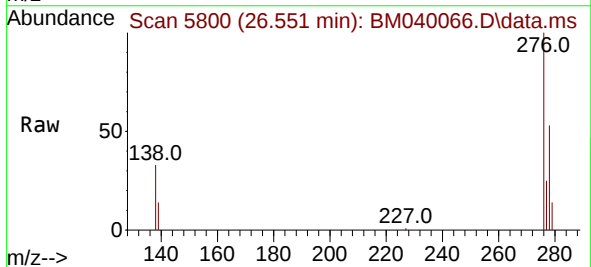
Instrument :
BNA_M
ClientSampleId :
SLCS104

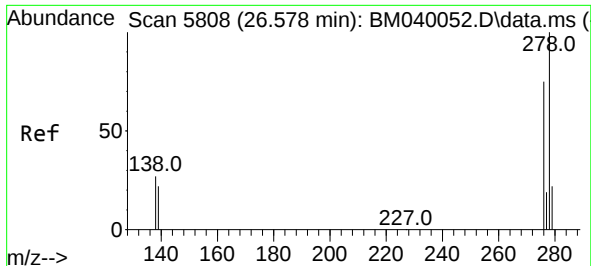
Tgt Ion:252 Resp: 13206
Ion Ratio Lower Upper
252 100
253 25.3 20.6 31.0
125 24.1 19.1 28.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.707 ng/ul
RT: 26.551 min Scan# 5800
Delta R.T. -0.007 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:276 Resp: 18613
Ion Ratio Lower Upper
276 100
138 34.3 26.9 40.3
227 0.1 0.1 0.1#

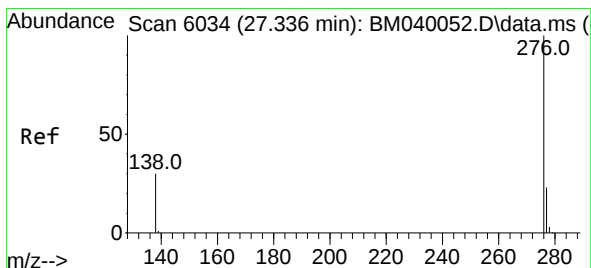
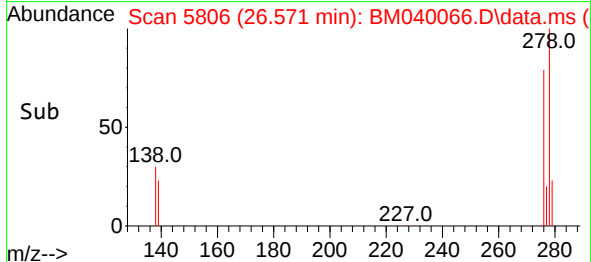
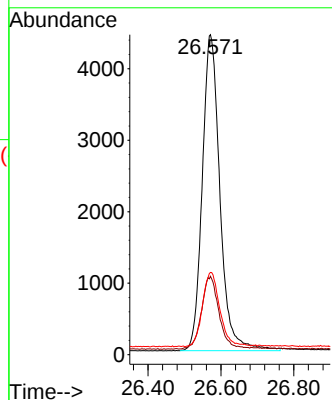
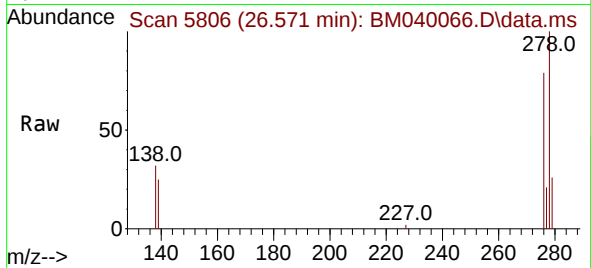




#28
Dibenzo(a,h)anthracene
Concen: 0.699 ng/ul
RT: 26.571 min Scan# 5806
Delta R.T. -0.007 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Instrument :
BNA_M
ClientSampleId :
SLCS104

Tgt Ion:278 Resp: 14875
Ion Ratio Lower Upper
278 100
139 24.5 19.0 28.4
279 25.7 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.731 ng/ul
RT: 27.329 min Scan# 6032
Delta R.T. -0.007 min
Lab File: BM040066.D
Acq: 30 May 2023 21:07

Tgt Ion:276 Resp: 15763
Ion Ratio Lower Upper
276 100
138 31.9 23.9 35.9
277 25.0 19.5 29.3

