

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042217.D
 Acq On : 05 Oct 2023 15:16
 Operator : MA/JU
 Sample : PB155933BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS933

Quant Time: Oct 06 05:27:21 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 : Fri Oct 06 05:25:26 2023
 Response via : Initial Calibration

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

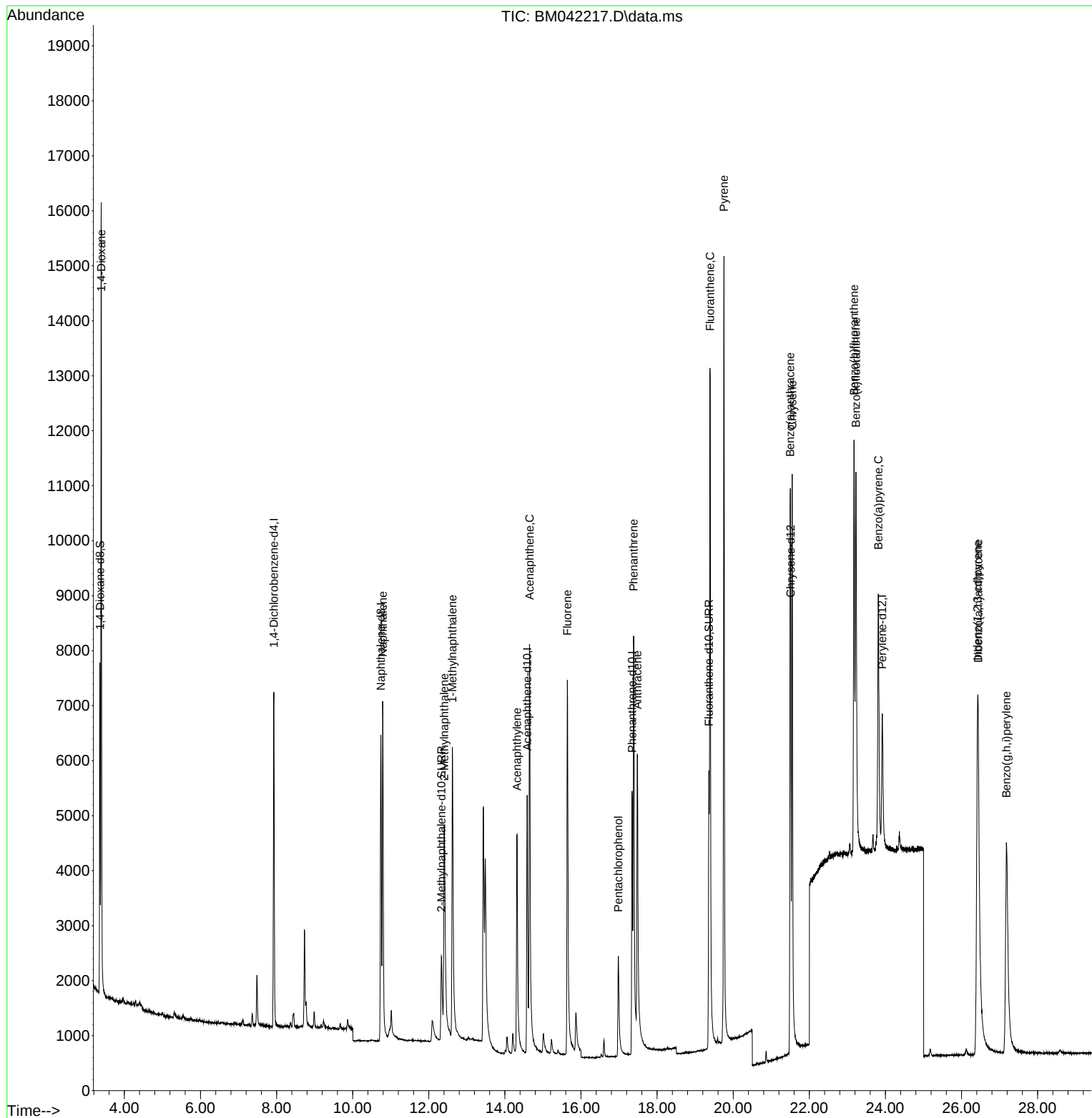
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3205	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	8253	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	3268	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	6715	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	3812	0.400	ng/ul	# 0.00
23) Perylene-d12	23.918	264	3843	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	3182	0.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3554	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	5562	0.389	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	8434	1.892	ng/ul#	77
5) Naphthalene	10.790	128	9452	0.343	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	5173	0.314	ng/ul	95
8) 1-Methylnaphthalene	12.621	142	5135	0.309	ng/ul	97
10) Acenaphthylene	14.319	152	7407	0.359	ng/ul	98
11) Acenaphthene	14.648	153	5833	0.373	ng/ul	98
12) Fluorene	15.642	166	6552	0.372	ng/ul	97
14) Pentachlorophenol	16.982	266	1885	0.619	ng/ul	99
15) Phenanthrene	17.383	178	10307	0.372	ng/ul	99
16) Anthracene	17.481	178	8581	0.339	ng/ul	98
19) Fluoranthene	19.394	202	12445	0.430	ng/ul	96
20) Pyrene	19.757	202	13365	0.434	ng/ul	95
21) Benzo(a)anthracene	21.498	228	9434	0.383	ng/ul	100
22) Chrysene	21.550	228	10495	0.438	ng/ul	99
24) Benzo(b)fluoranthene	23.175	252	10646	0.470	ng/ul	96
25) Benzo(k)fluoranthene	23.225	252	10829	0.485	ng/ul	95
26) Benzo(a)pyrene	23.813	252	8946	0.458	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.421	276	12531	0.453	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.438	278	9222	0.441	ng/ul#	92
29) Benzo(g,h,i)perylene	27.179	276	11071	0.478	ng/ul	95

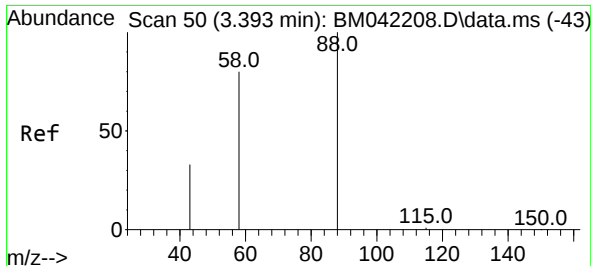
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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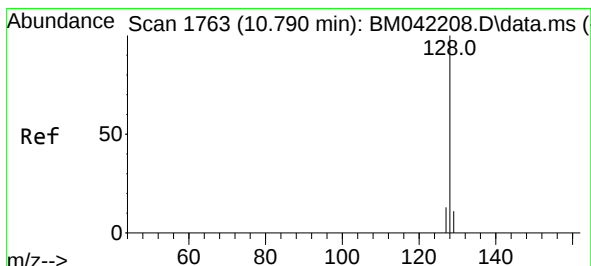
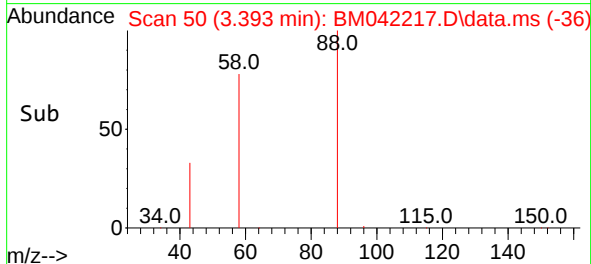
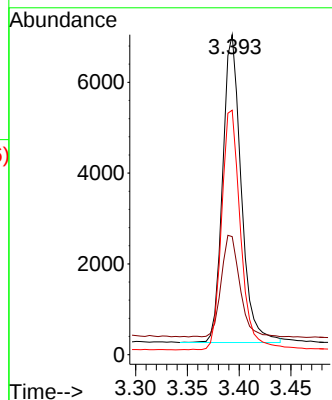
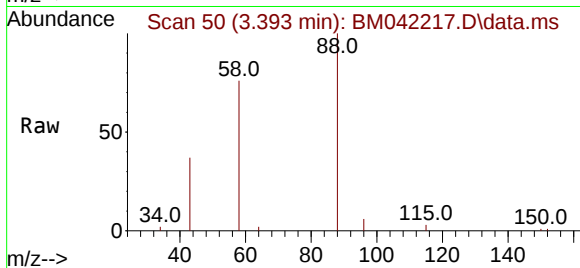




#2
1,4-Dioxane
Concen: 1.892 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

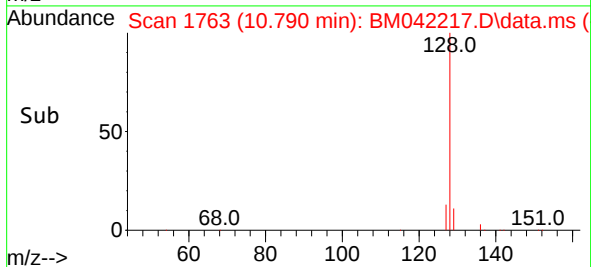
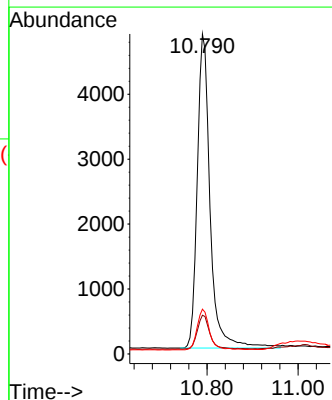
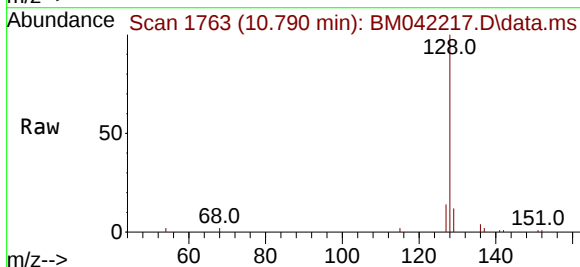
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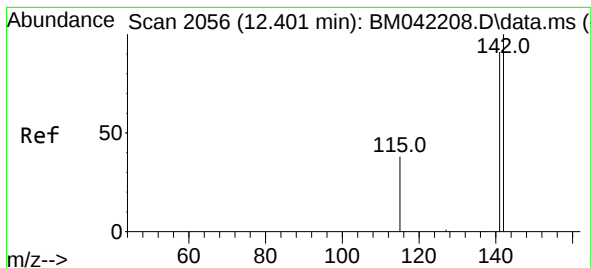
Tgt Ion: 88 Resp: 8434
Ion Ratio Lower Upper
88 100
43 36.9 52.1 78.1#
58 76.4 53.8 80.6



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion: 128 Resp: 9452
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.2
127 14.0 11.0 16.4

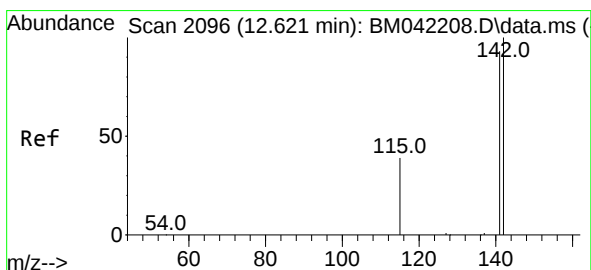
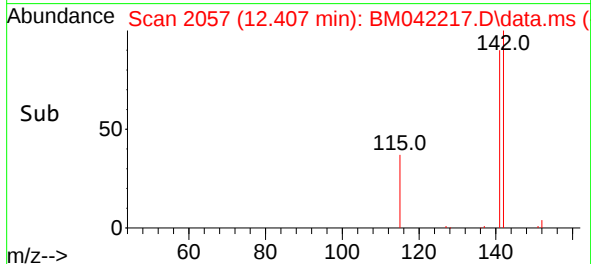
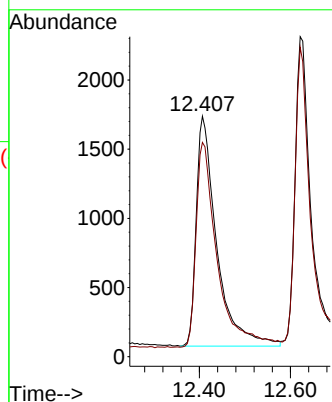
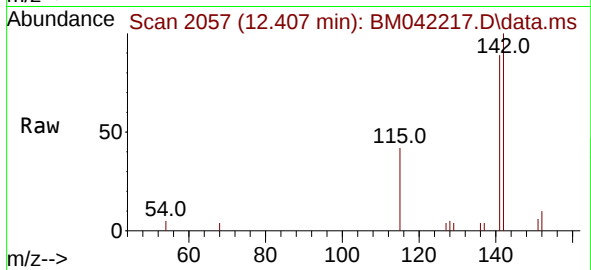




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.407 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

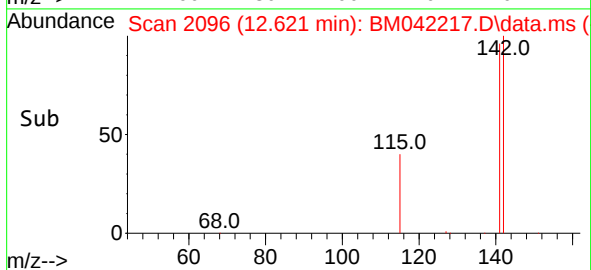
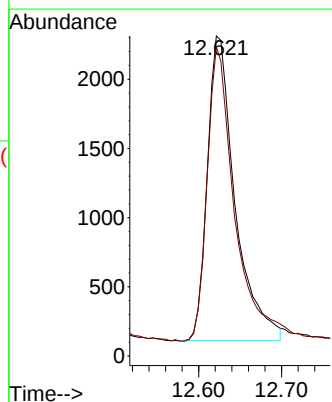
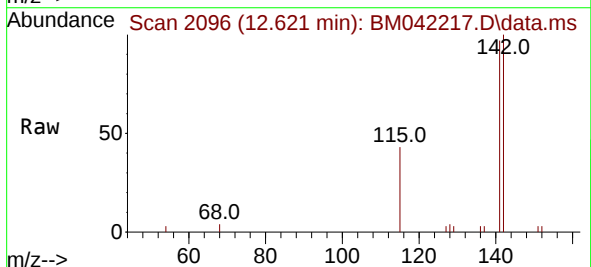
Instrument :
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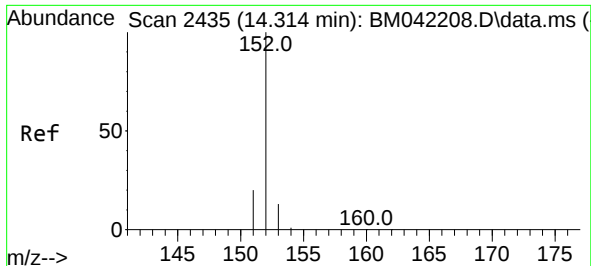
Tgt Ion:142 Resp: 5173
Ion Ratio Lower Upper
142 100
141 92.5 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:142 Resp: 5135
Ion Ratio Lower Upper
142 100
141 94.9 73.5 110.3

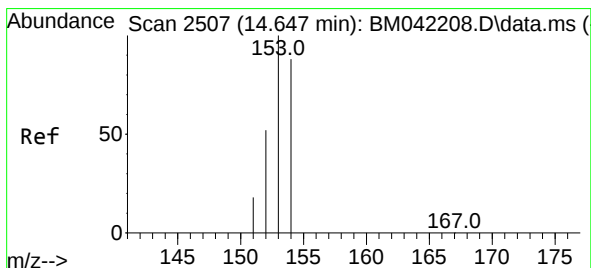
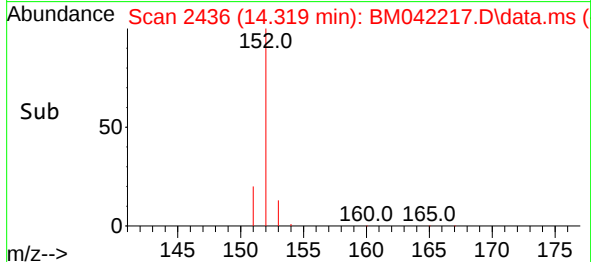
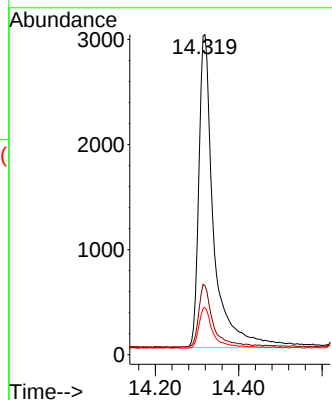
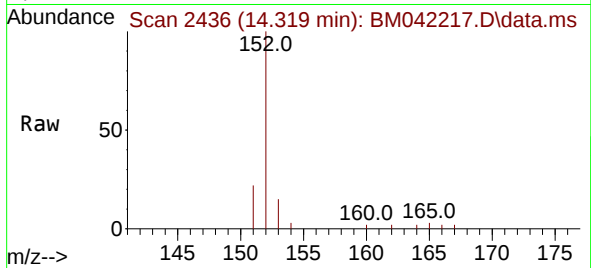




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.319 min Scan# 2435
Delta R.T. 0.005 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

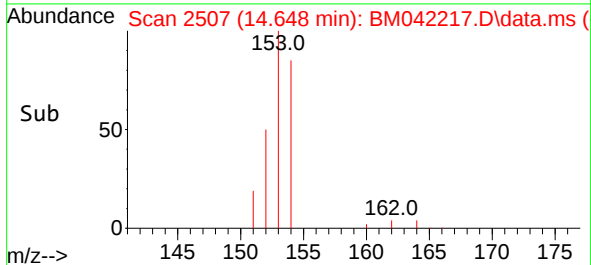
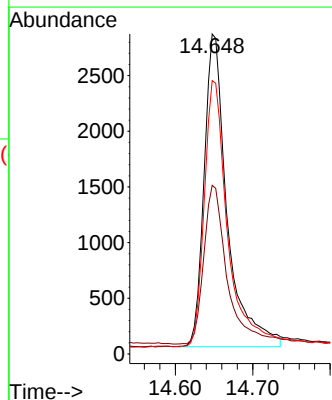
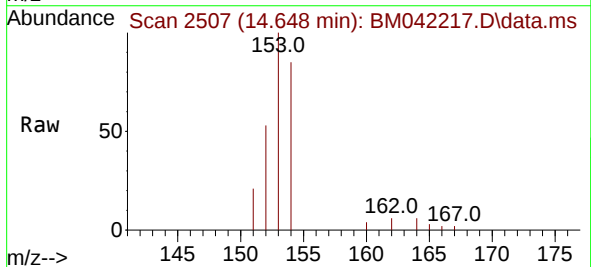
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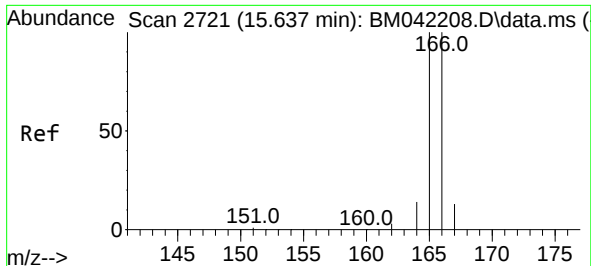
Tgt Ion:152 Resp: 7407
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 14.7 10.9 16.3



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:153 Resp: 5833
Ion Ratio Lower Upper
153 100
152 52.7 41.1 61.7
154 85.4 69.5 104.3

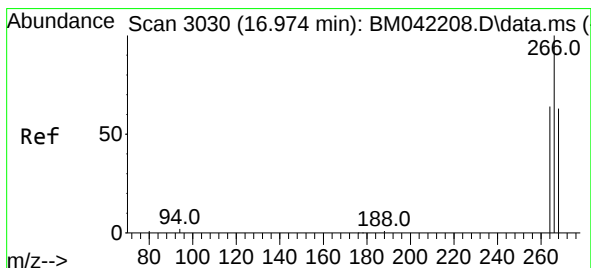
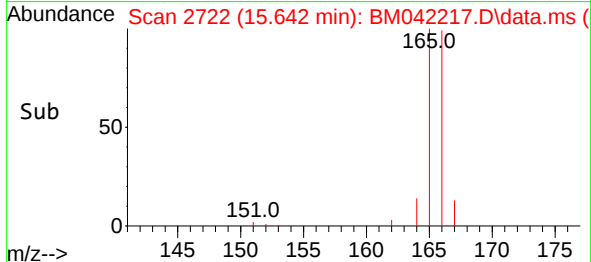
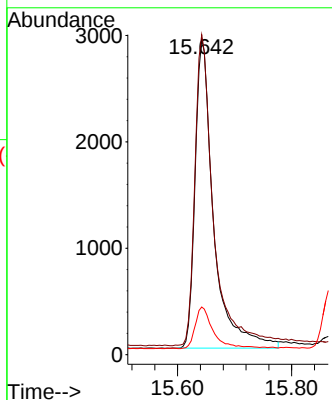
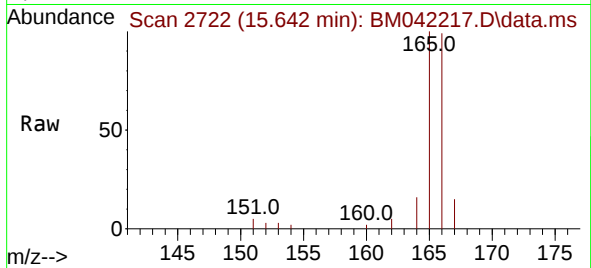




#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

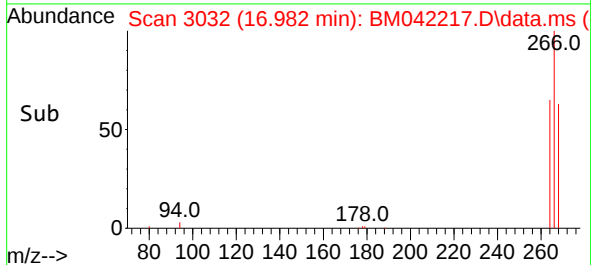
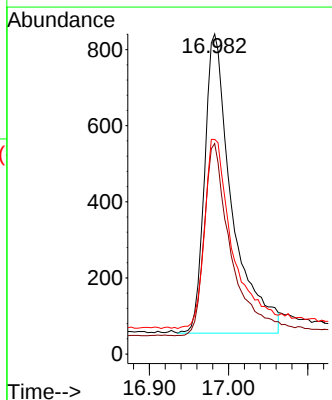
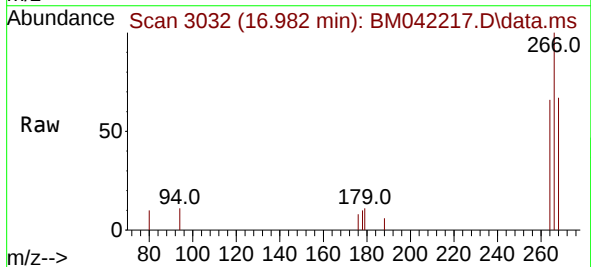
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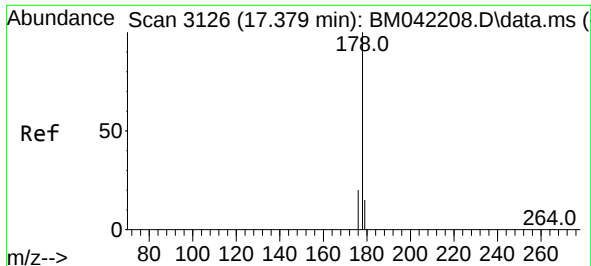
Tgt Ion:166 Resp: 6552
Ion Ratio Lower Upper
166 100
165 101.4 78.4 117.6
167 15.1 11.5 17.3



#14
Pentachlorophenol
Concen: 0.619 ng/ul
RT: 16.982 min Scan# 3032
Delta R.T. 0.009 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:266 Resp: 1885
Ion Ratio Lower Upper
266 100
264 62.9 51.1 76.7
268 65.6 52.1 78.1

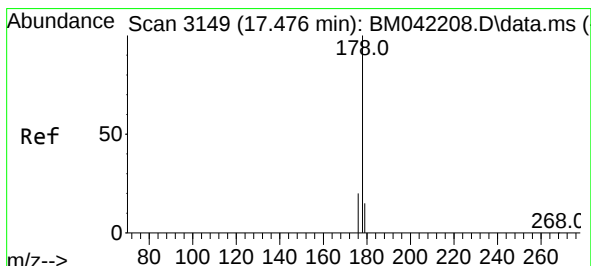
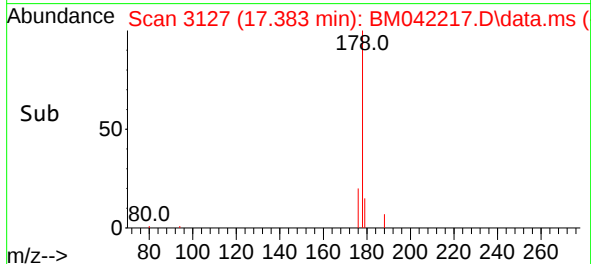
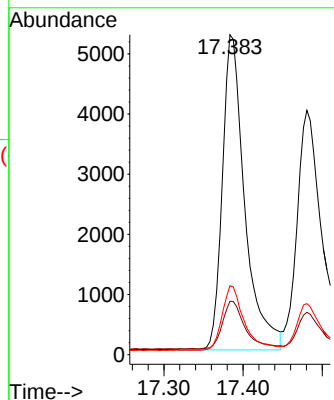
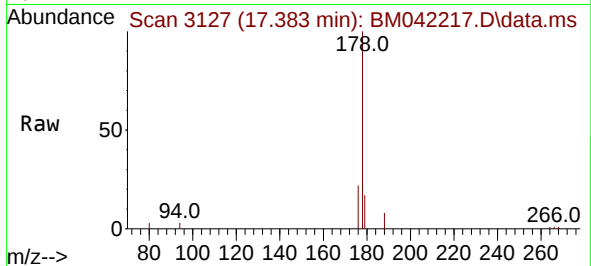




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. 0.004 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

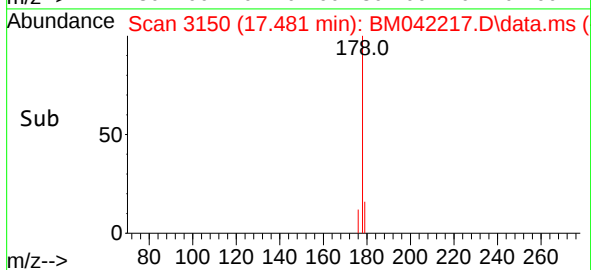
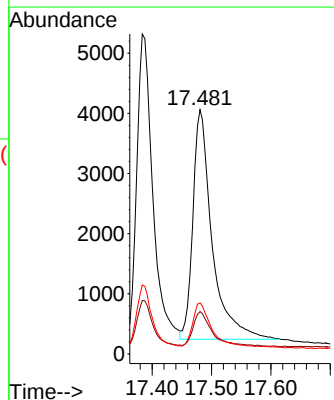
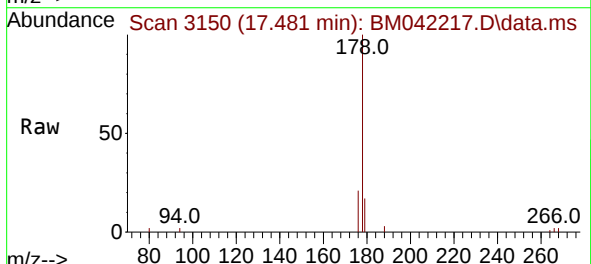
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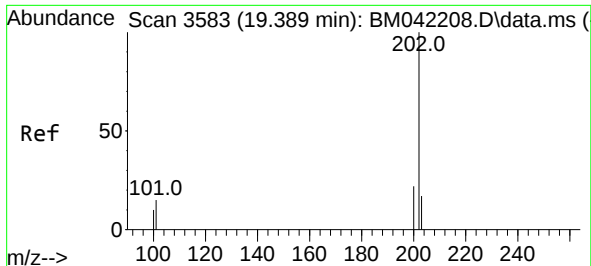
Tgt Ion:	178	Resp:	10307
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.0	19.4
176	21.5	16.8	25.2



#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:	178	Resp:	8581
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.9	19.3
176	20.9	16.3	24.5

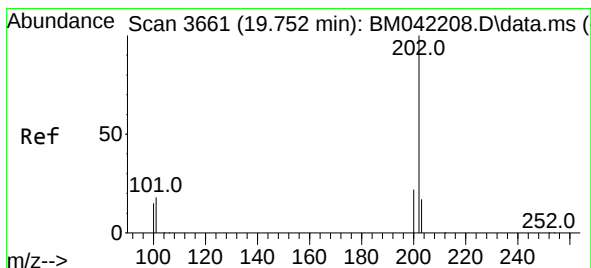
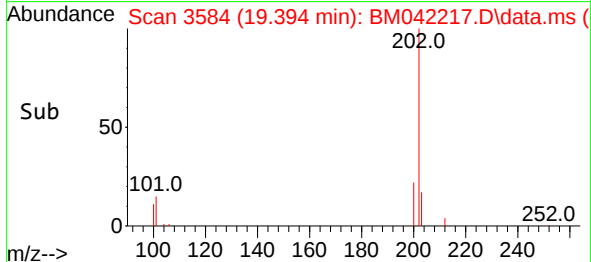
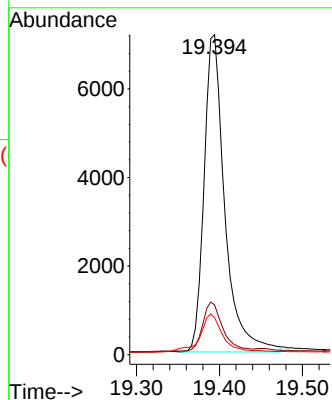
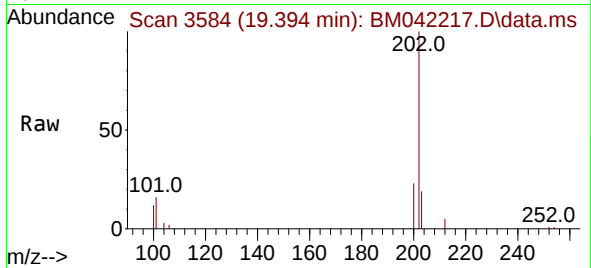




#19
Fluoranthene
Concen: 0.430 ng/u1
RT: 19.394 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

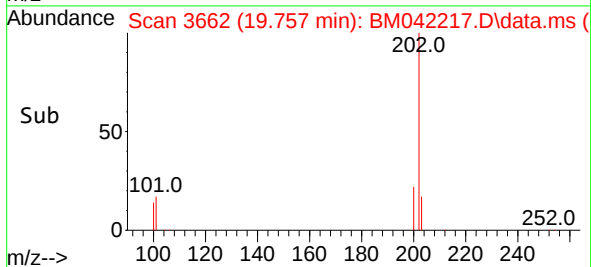
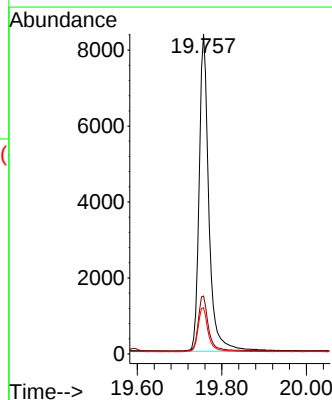
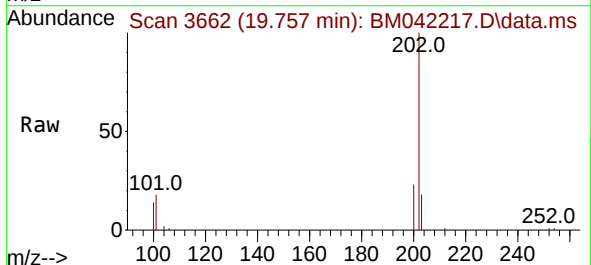
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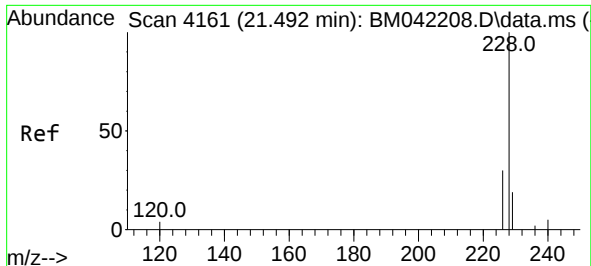
Tgt Ion:202 Resp: 12445
Ion Ratio Lower Upper
202 100
101 15.5 11.1 16.7
100 11.6 8.2 12.2



#20
Pyrene
Concen: 0.434 ng/u1
RT: 19.757 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:202 Resp: 13365
Ion Ratio Lower Upper
202 100
101 18.1 12.7 19.1
100 14.4 9.9 14.9

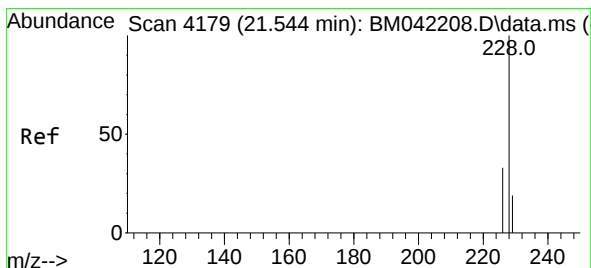
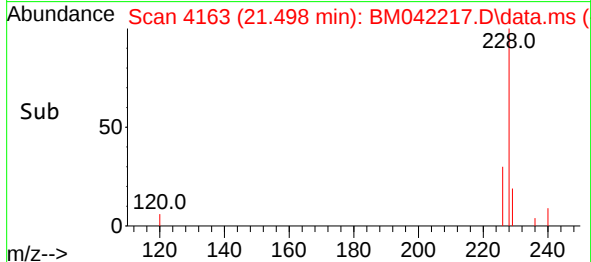
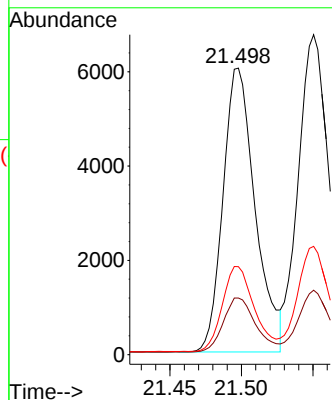
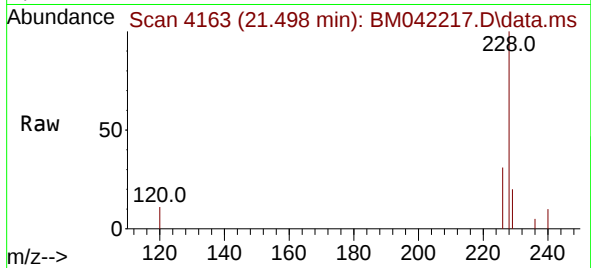




#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. 0.006 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

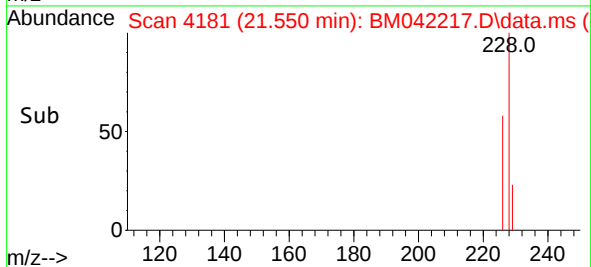
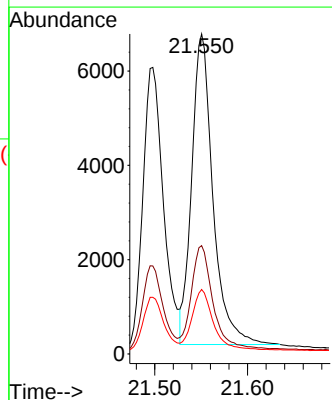
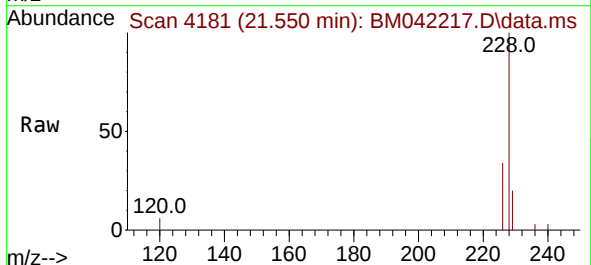
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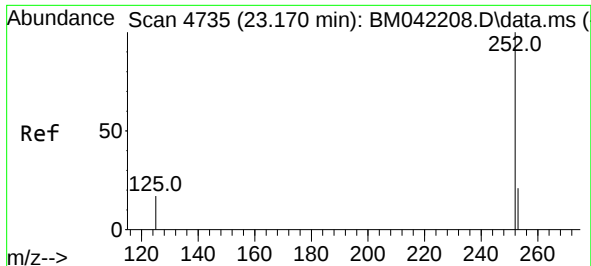
Tgt Ion:228 Resp: 9434
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 30.7 24.6 37.0



#22
Chrysene
Concen: 0.438 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. 0.006 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:228 Resp: 10495
Ion Ratio Lower Upper
228 100
226 33.8 26.7 40.1
229 20.2 15.8 23.8

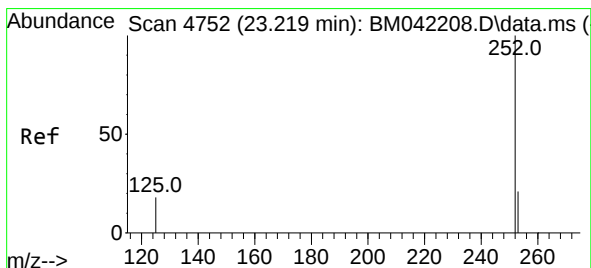
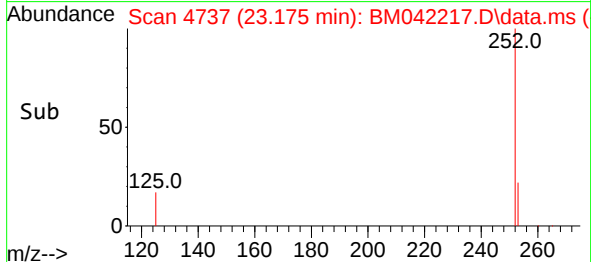
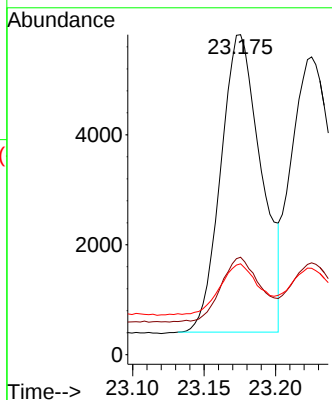
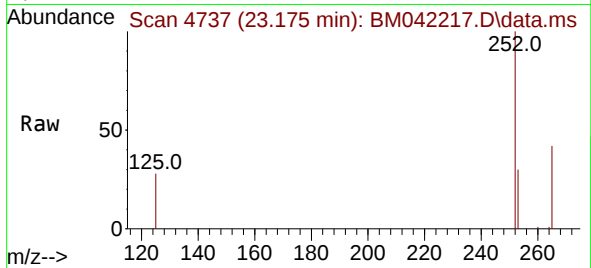




#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul
RT: 23.175 min Scan# 4737
Delta R.T. 0.006 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

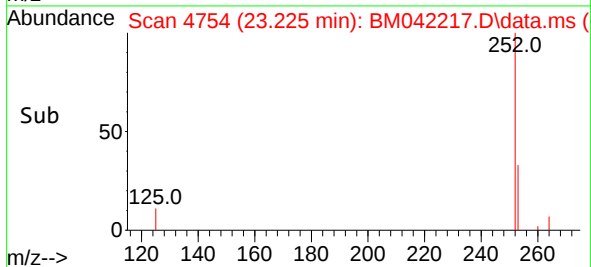
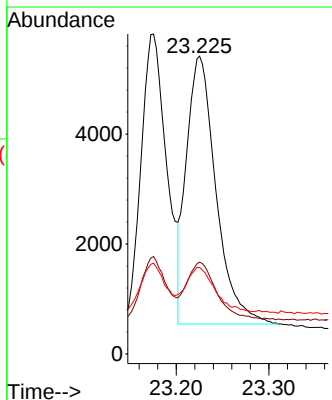
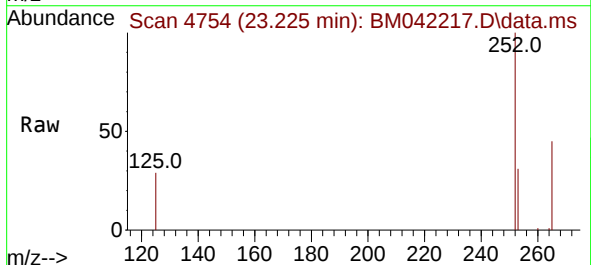
Instrument :
BNA_M
ClientSampleId :
SLCS933

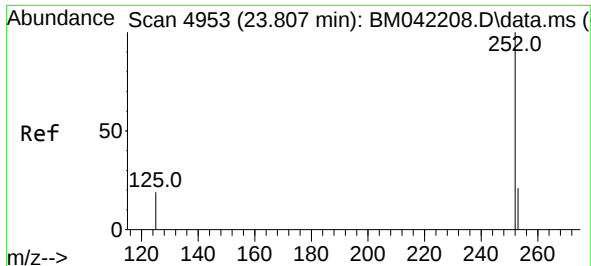
Tgt Ion:252 Resp: 10646
Ion Ratio Lower Upper
252 100
253 30.4 0.0 59.0
125 28.4 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.485 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. 0.006 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:252 Resp: 10829
Ion Ratio Lower Upper
252 100
253 30.9 23.4 35.0
125 29.0 19.9 29.9

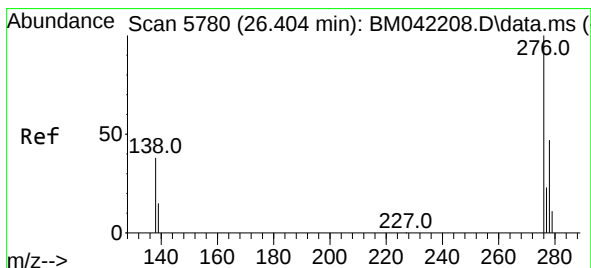
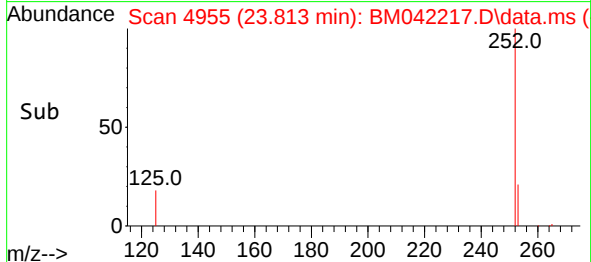
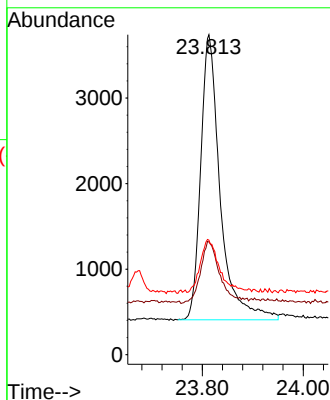
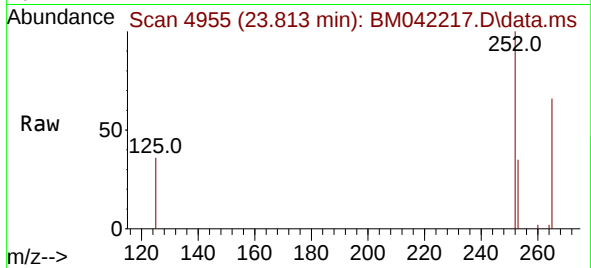




#26
Benzo(a)pyrene
Concen: 0.458 ng/ul
RT: 23.813 min Scan# 4955
Delta R.T. 0.006 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

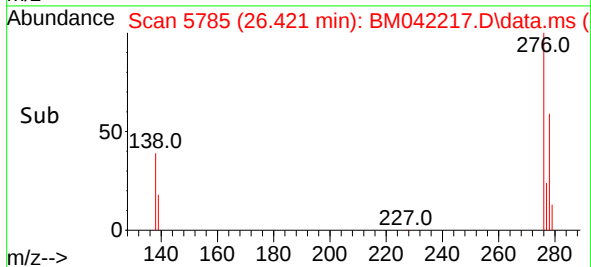
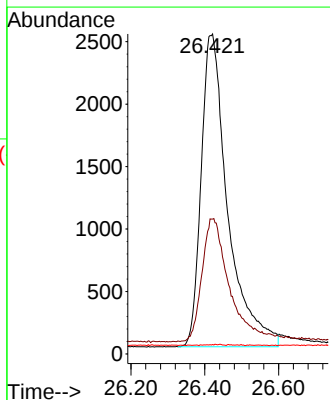
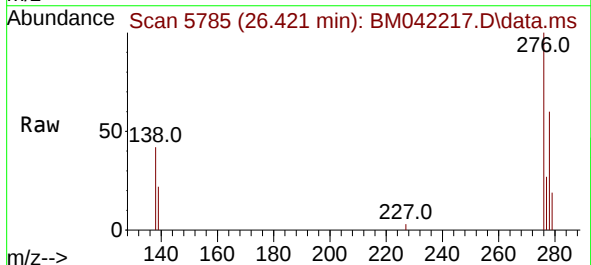
Instrument :
BNA_M
ClientSampleId :
SLCS933

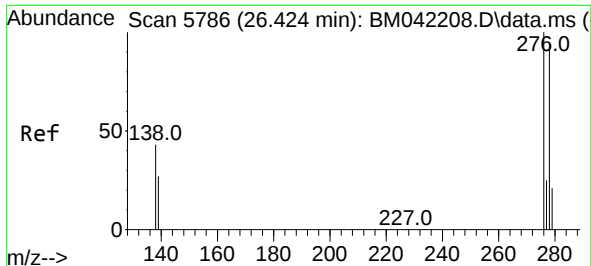
Tgt Ion:252 Resp: 8946
Ion Ratio Lower Upper
252 100
253 35.2 25.3 37.9
125 35.8 23.2 34.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng/ul
RT: 26.421 min Scan# 5785
Delta R.T. 0.017 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:276 Resp: 12531
Ion Ratio Lower Upper
276 100
138 40.4 26.7 40.1#
227 0.1 0.2 0.2#

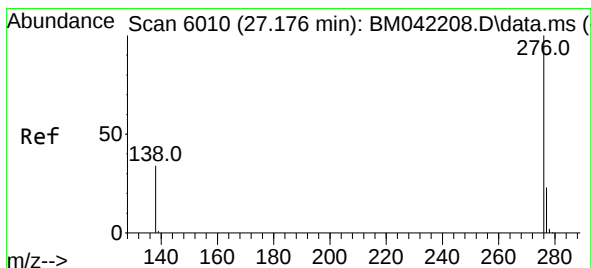
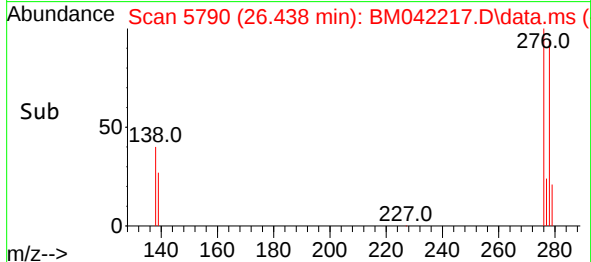
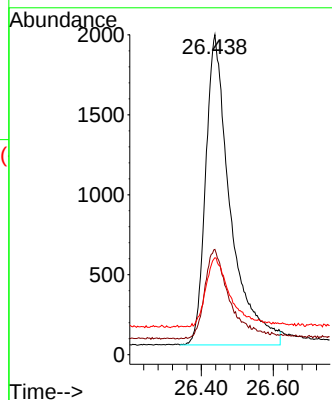
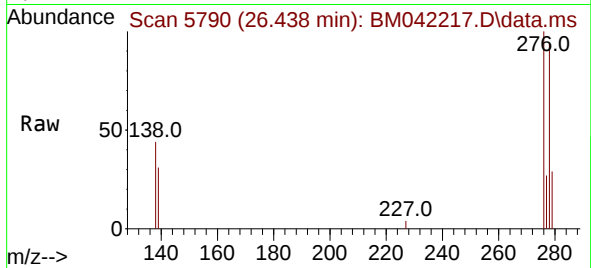




#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.438 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Instrument :
BNA_M
ClientSampleId :
SLCS933

Tgt Ion:278 Resp: 9222
Ion Ratio Lower Upper
278 100
139 32.9 21.7 32.5#
279 30.3 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.478 ng/ul
RT: 27.179 min Scan# 6011
Delta R.T. 0.003 min
Lab File: BM042217.D
Acq: 05 Oct 2023 15:16

Tgt Ion:276 Resp: 11071
Ion Ratio Lower Upper
276 100
138 37.6 26.8 40.2
277 26.2 20.1 30.1

