

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040584.D
 Acq On : 03 Jul 2023 20:39
 Operator : MA/JU
 Sample : PB153508BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS508

Quant Time: Jul 04 01:30:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

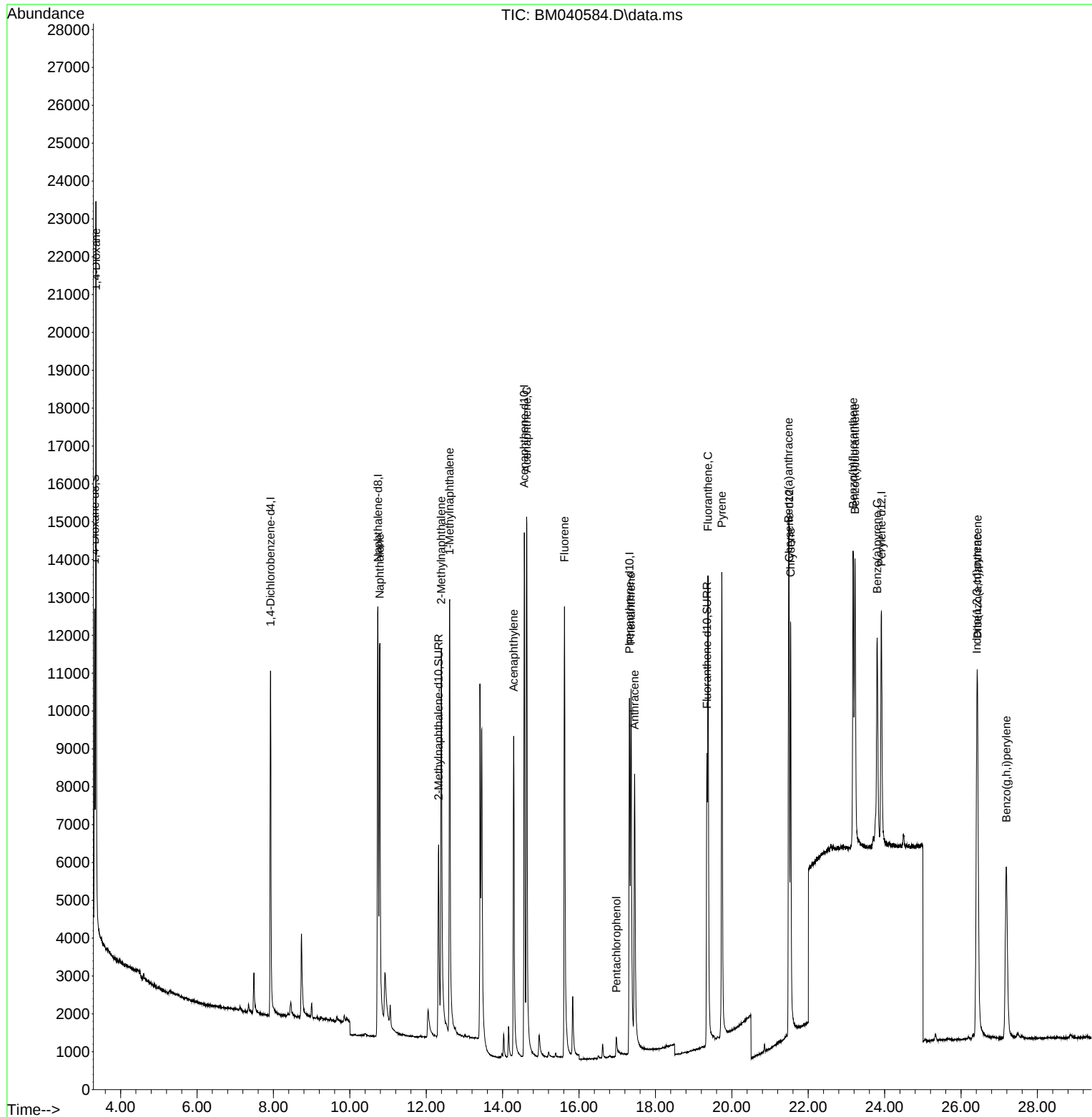
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	5365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	20083	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.568	164	8990	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	14754	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	9461	0.400	ng/ul	0.00
23) Perylene-d12	23.914	264	10036	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	5057	0.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	9413	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	10707	0.353	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.354	88	12207	1.423	ng/ul	93
5) Naphthalene	10.783	128	17213	0.311	ng/ul	99
7) 2-Methylnaphthalene	12.395	142	9992	0.307	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	9547	0.294	ng/ul	99
10) Acenaphthylene	14.290	152	12868	0.320	ng/ul	98
11) Acenaphthene	14.628	153	10096	0.298	ng/ul	98
12) Fluorene	15.618	166	10379	0.287	ng/ul	99
14) Pentachlorophenol	16.977	266	732	0.258	ng/ul	92
15) Phenanthrene	17.362	178	13316	0.291	ng/ul	98
16) Anthracene	17.455	178	11765	0.305	ng/ul	97
19) Fluoranthene	19.375	202	12674	0.315	ng/ul	100
20) Pyrene	19.737	202	13357	0.310	ng/ul	97
21) Benzo(a)anthracene	21.485	228	11035	0.345	ng/ul	98
22) Chrysene	21.538	228	11453	0.314	ng/ul	99
24) Benzo(b)fluoranthene	23.178	252	11723	0.302	ng/ul	86
25) Benzo(k)fluoranthene	23.224	252	11905	0.311	ng/ul#	84
26) Benzo(a)pyrene	23.803	252	10401	0.297	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.414	276	14612	0.300	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.430	278	11486	0.301	ng/ul	92
29) Benzo(g,h,i)perylene	27.185	276	12352	0.289	ng/ul	96

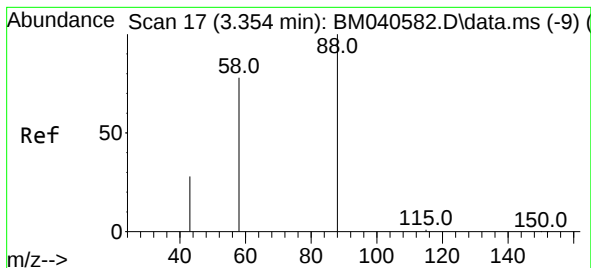
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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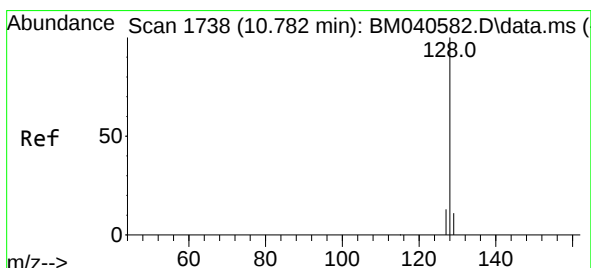
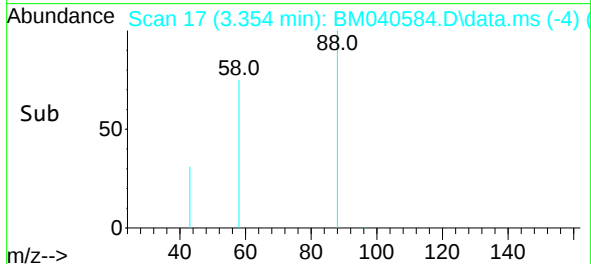
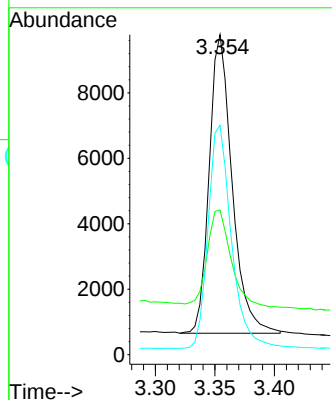
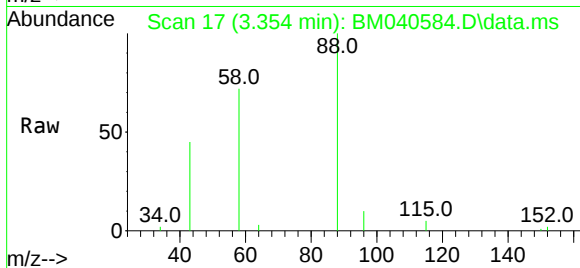




#2
1,4-Dioxane
Concen: 1.423 ng/ul
RT: 3.354 min Scan# 17
Delta R.T. -0.004 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

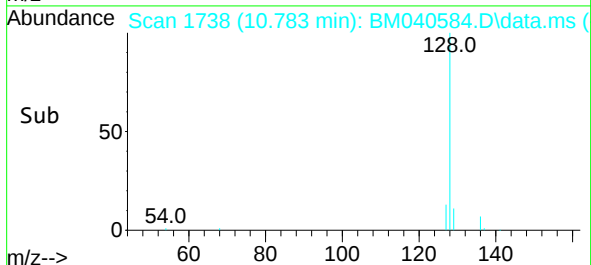
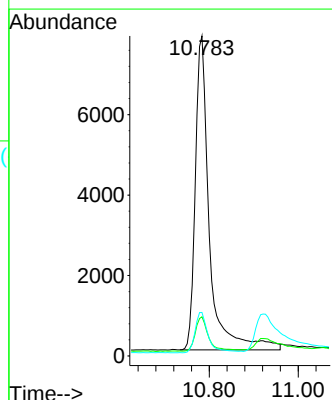
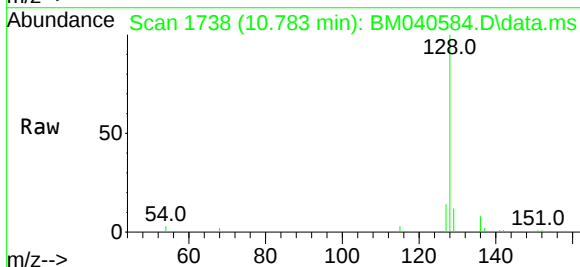
Instrument :
BNA_M
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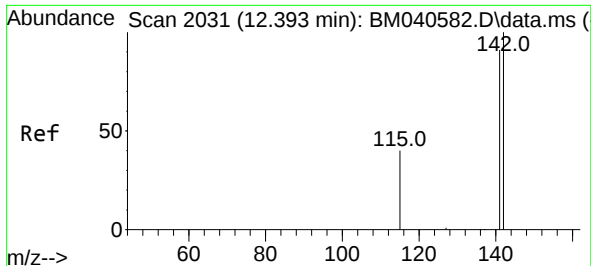
Tgt Ion: 88 Resp: 12207
Ion Ratio Lower Upper
88 100
43 45.2 36.1 54.1
58 71.7 49.8 74.8



#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Tgt Ion:128 Resp: 17213
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.6 10.6 15.8

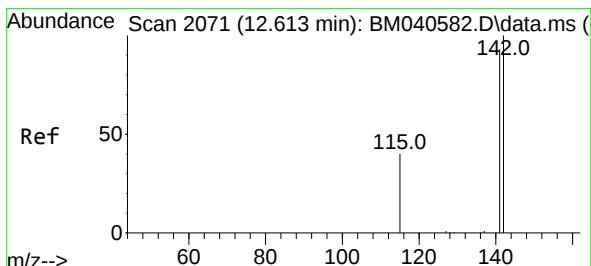
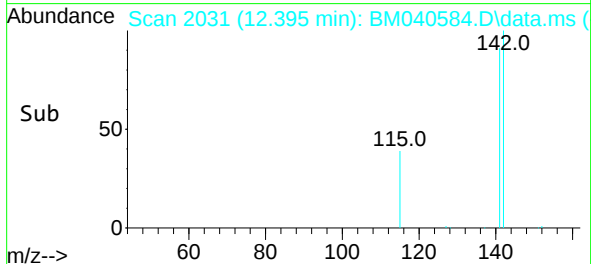
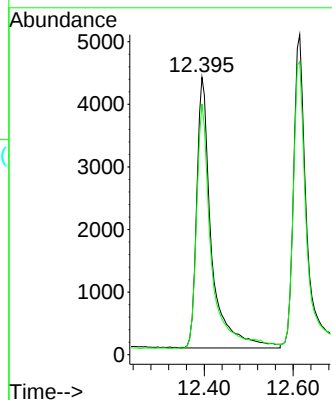
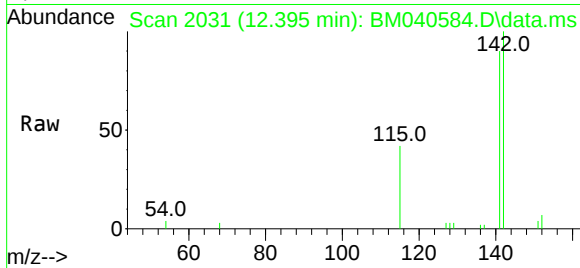




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

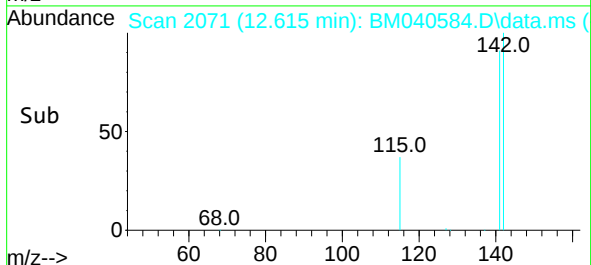
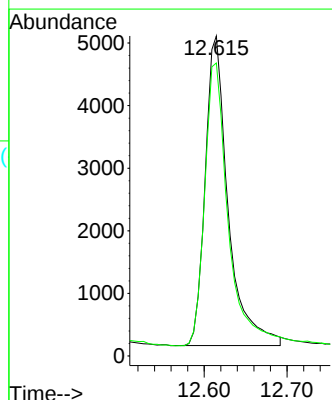
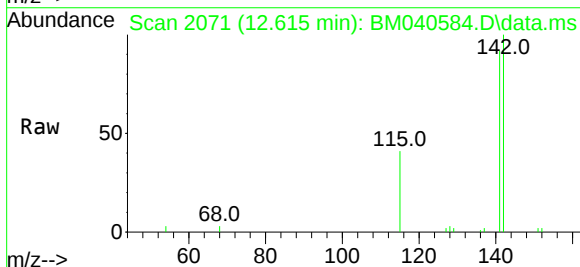
Instrument :
BNA_M
ClientSampleId :
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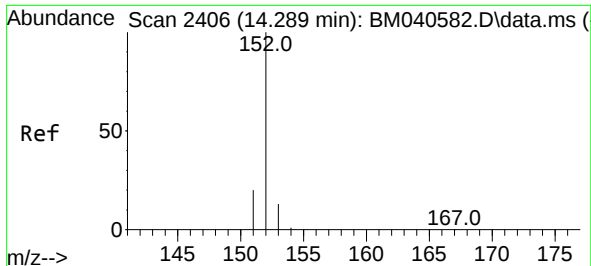
Tgt Ion:142 Resp: 9992
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Tgt Ion:142 Resp: 9547
Ion Ratio Lower Upper
142 100
141 93.5 73.7 110.5

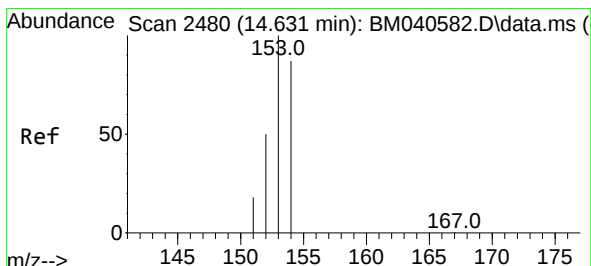
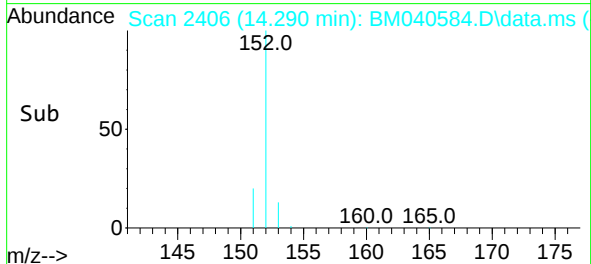
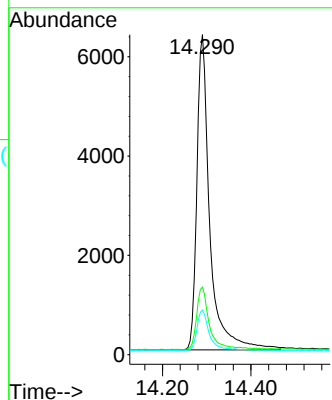
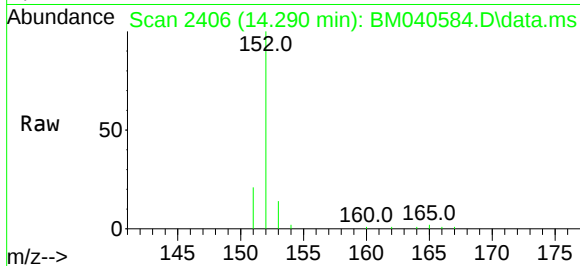




#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

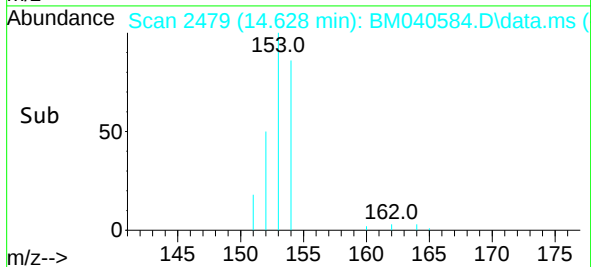
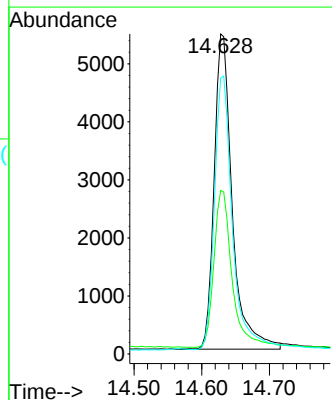
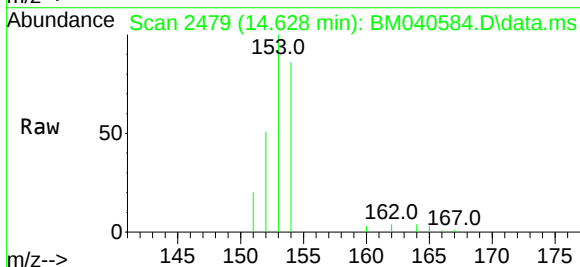
Instrument :
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ClientSampleId :
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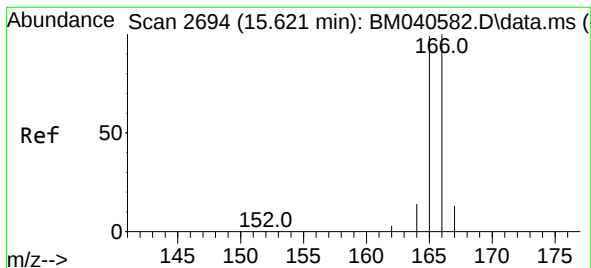
Tgt Ion:	152	Resp:	12868
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2
153	13.9	10.9	16.3



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Tgt Ion:	153	Resp:	10096
Ion	Ratio	Lower	Upper
153	100		
152	51.1	41.0	61.4
154	86.2	70.8	106.2





#12

Fluorene

Concen: 0.287 ng/ul

RT: 15.618 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM040584.D

Acq: 03 Jul 2023 20:39

Instrument :

BNA_M

ClientSampleId :

SLCS508

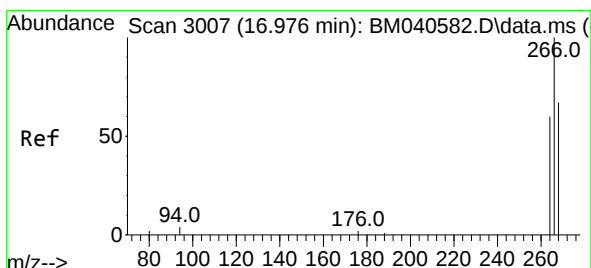
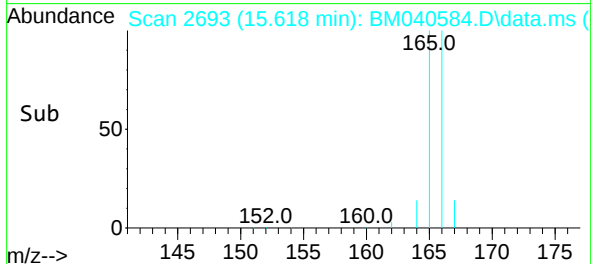
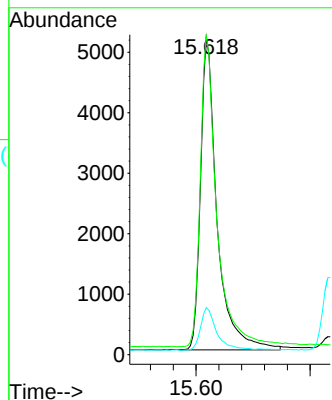
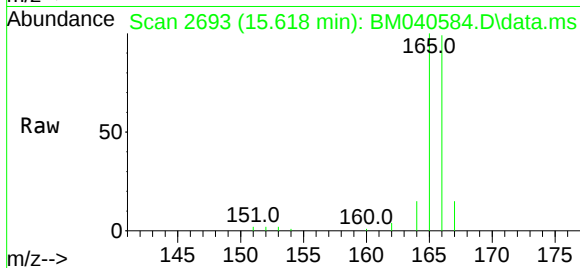
Tgt Ion:166 Resp: 10379

Ion Ratio Lower Upper

166 100

165 100.8 79.6 119.4

167 14.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.258 ng/ul

RT: 16.977 min Scan# 3007

Delta R.T. -0.000 min

Lab File: BM040584.D

Acq: 03 Jul 2023 20:39

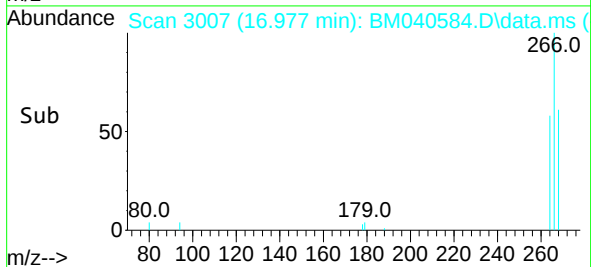
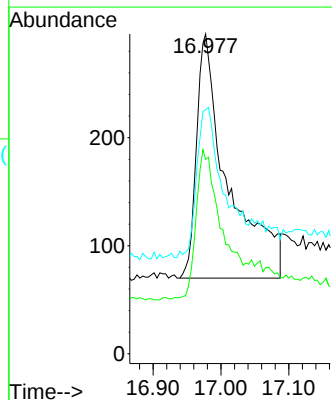
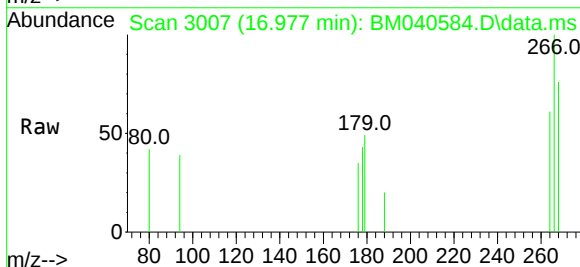
Tgt Ion:266 Resp: 732

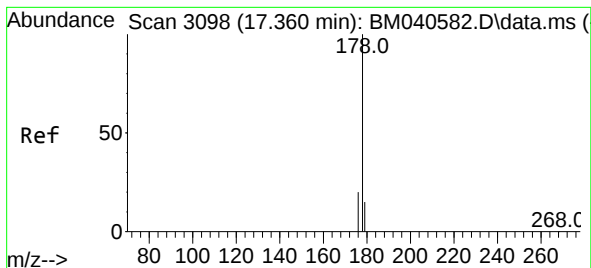
Ion Ratio Lower Upper

266 100

264 63.0 45.4 68.0

268 63.9 47.2 70.8





#15

Phenanthrene

Concen: 0.291 ng/u1

RT: 17.362 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BM040584.D

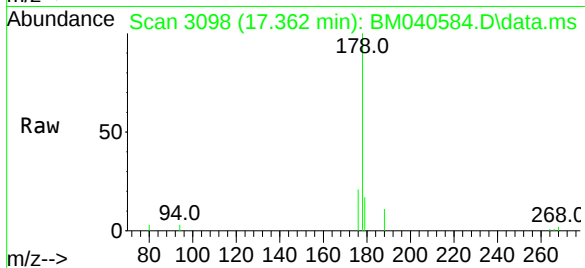
Acq: 03 Jul 2023 20:39

Instrument :

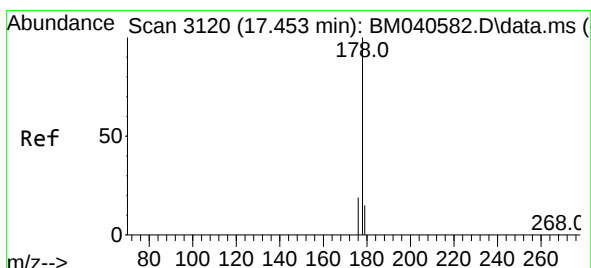
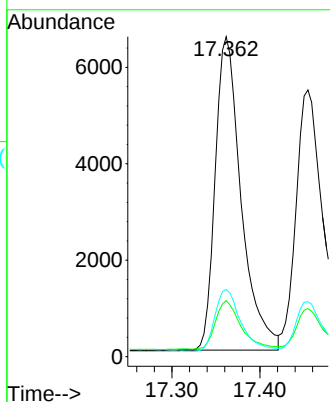
BNA_M

ClientSampleId :

SLCS508



Tgt Ion:	178	Resp:	13316
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.8	19.2
176	21.0	16.4	24.6



#16

Anthracene

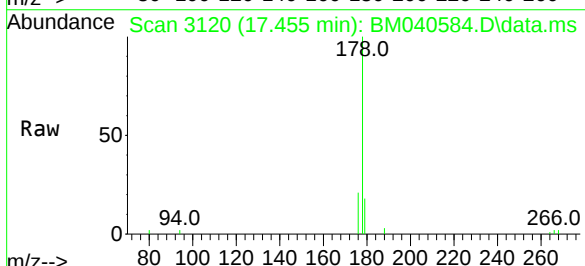
Concen: 0.305 ng/u1

RT: 17.455 min Scan# 3120

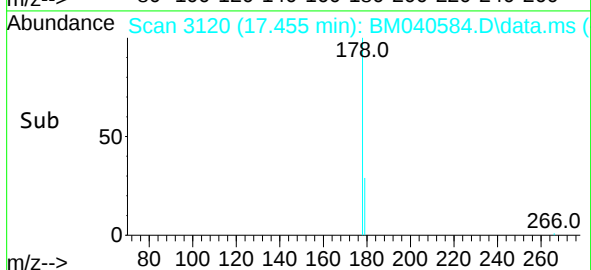
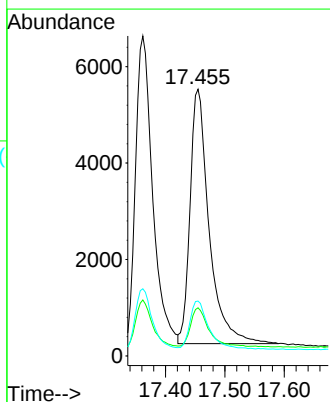
Delta R.T. -0.000 min

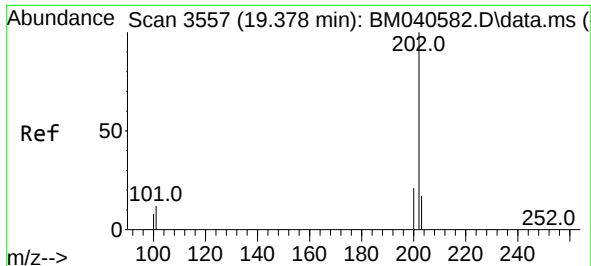
Lab File: BM040584.D

Acq: 03 Jul 2023 20:39



Tgt Ion:	178	Resp:	11765
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.9	19.3
176	20.6	15.8	23.6

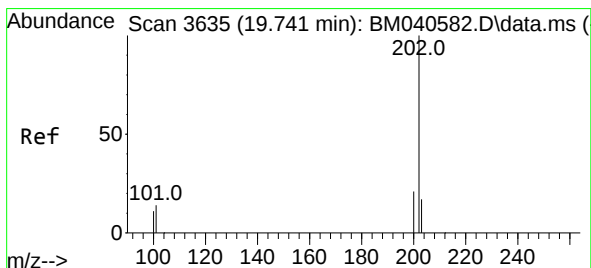
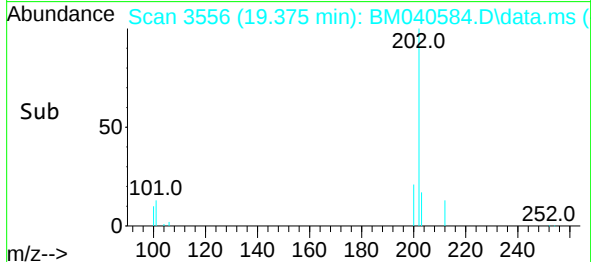
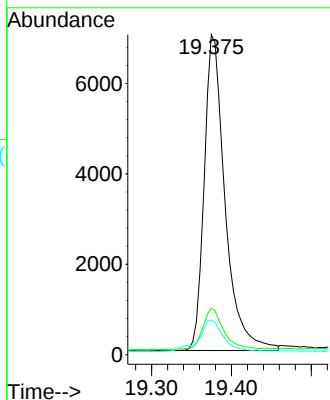
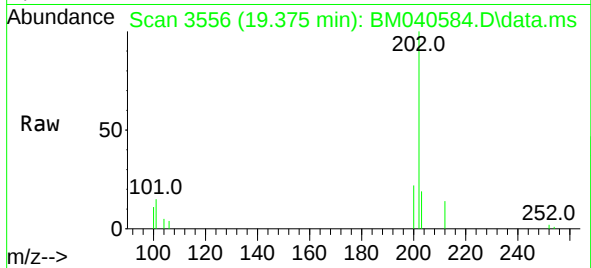




#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 19.375 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

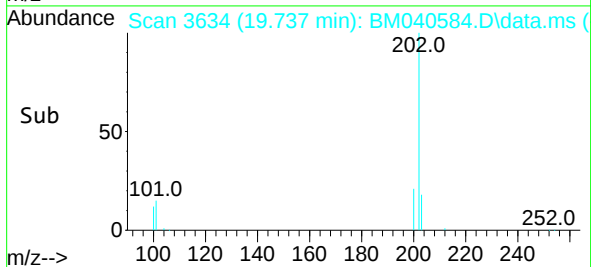
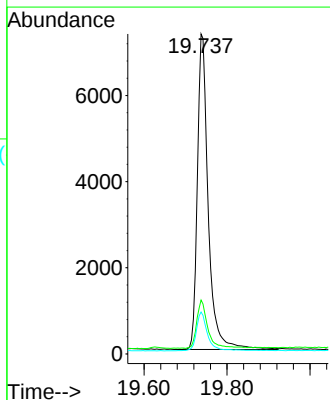
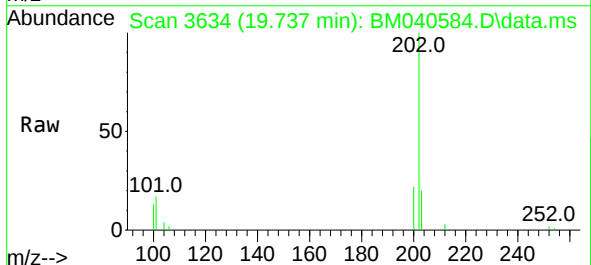
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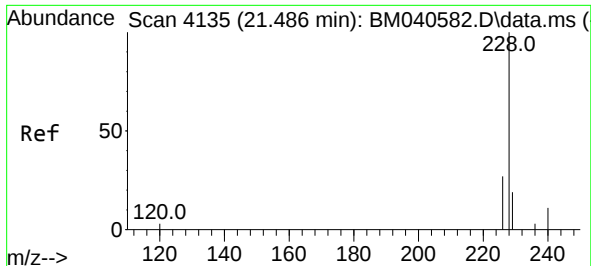
Tgt Ion:202 Resp: 12674
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 10.8 8.7 13.1



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Tgt Ion:202 Resp: 13357
Ion Ratio Lower Upper
202 100
101 16.9 12.6 18.8
100 13.1 9.8 14.6

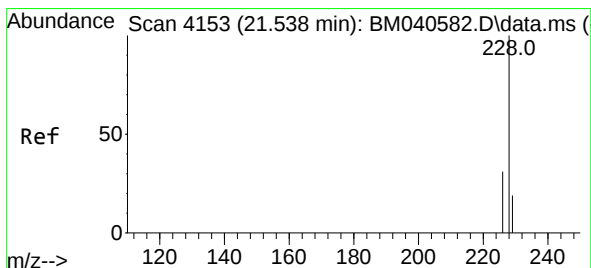
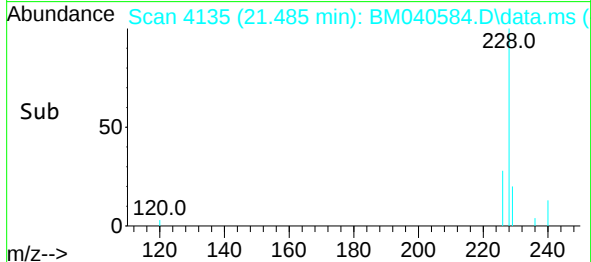
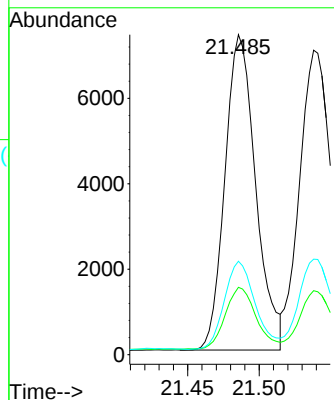
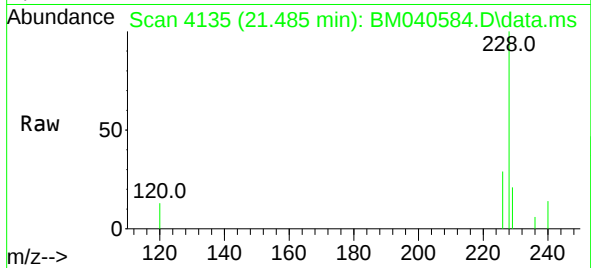




#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.485 min Scan# 4135
Delta R.T. -0.003 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

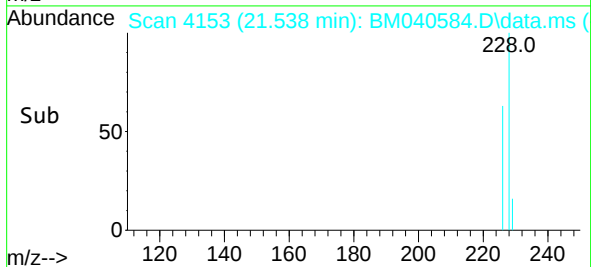
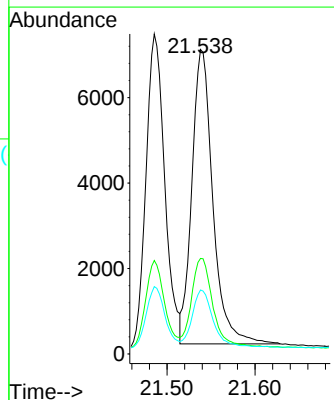
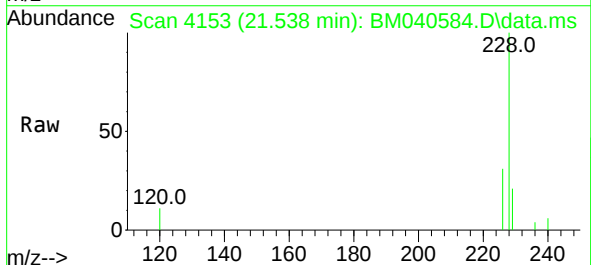
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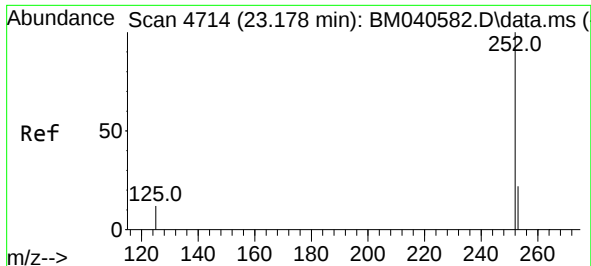
Tgt Ion:228	Resp:	11035
Ion Ratio	Lower	Upper
228	100	
229	21.1	16.0 24.0
226	29.2	22.3 33.5



#22
Chrysene
Concen: 0.314 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Tgt Ion:228	Resp:	11453
Ion Ratio	Lower	Upper
228	100	
226	31.4	24.9 37.3
229	21.0	15.8 23.6

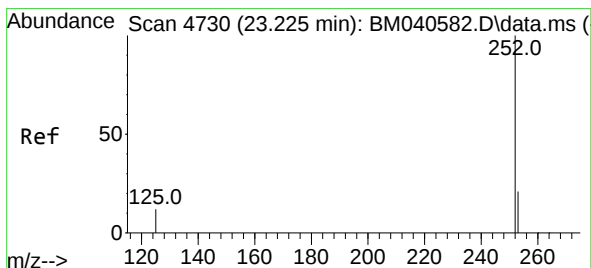
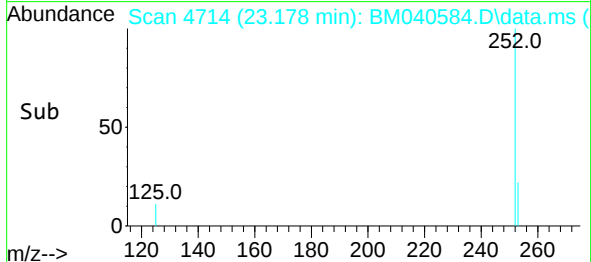
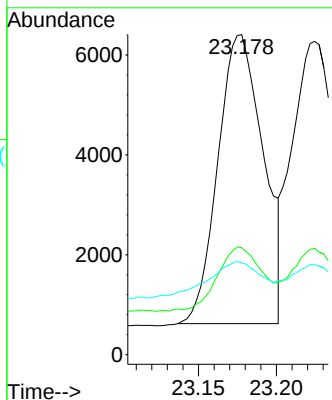
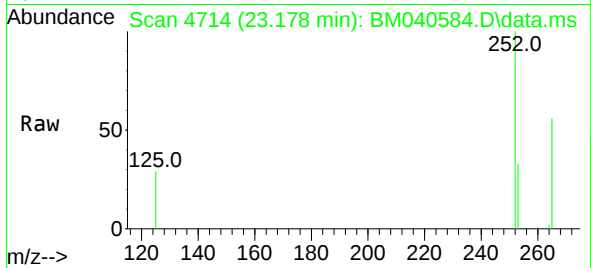




#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

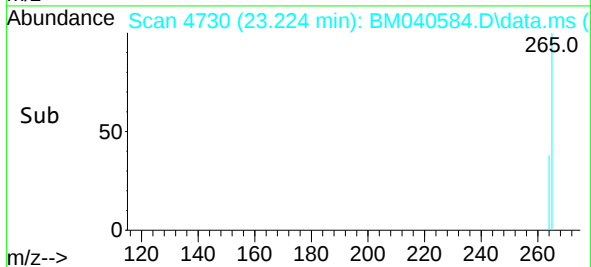
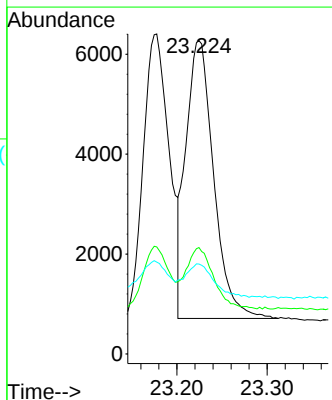
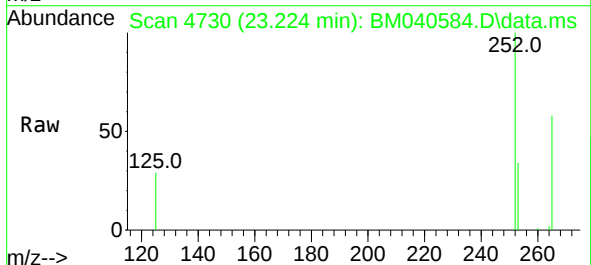
Instrument :
BNA_M
ClientSampleId :
SLCS508

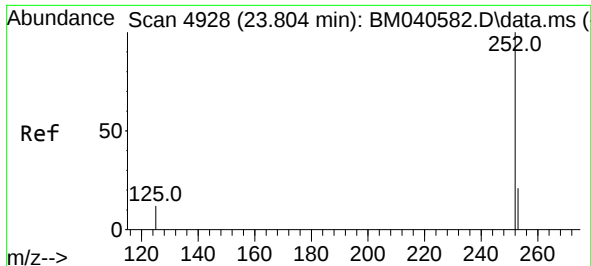
Tgt Ion:252 Resp: 11723
Ion Ratio Lower Upper
252 100
253 33.4 0.0 52.8
125 28.7 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul
RT: 23.224 min Scan# 4730
Delta R.T. -0.000 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Tgt Ion:252 Resp: 11905
Ion Ratio Lower Upper
252 100
253 33.9 21.2 31.8#
125 28.7 16.4 24.6#

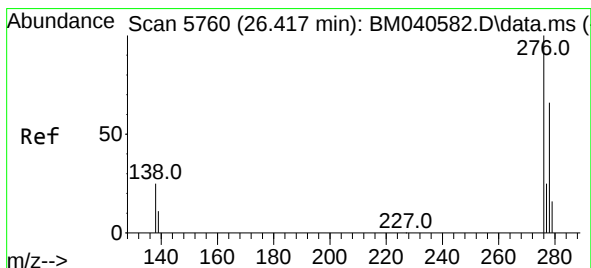
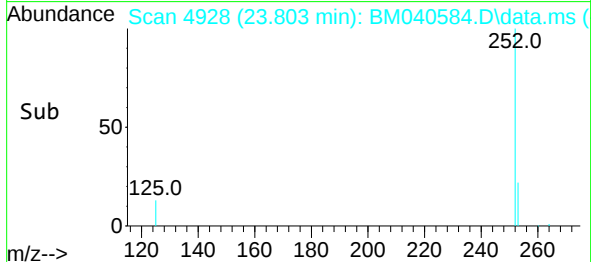
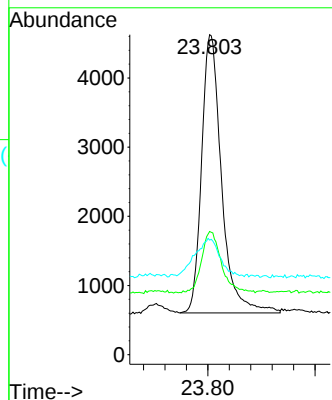
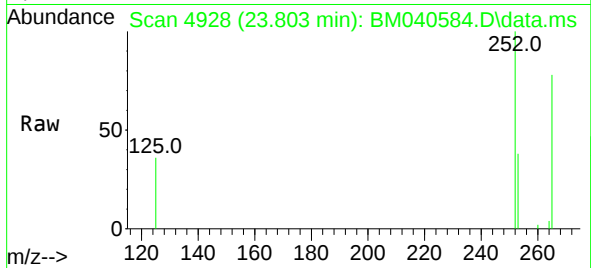




#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.803 min Scan# 4928
Delta R.T. -0.000 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

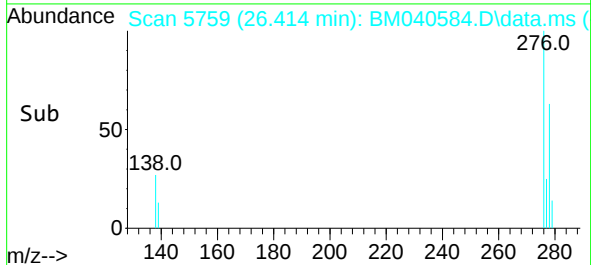
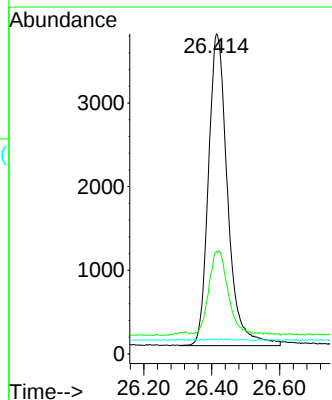
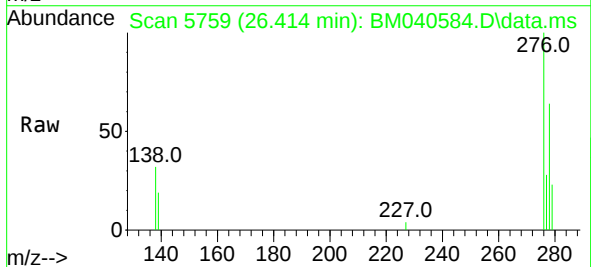
Instrument :
BNA_M
ClientSampleId :
SLCS508

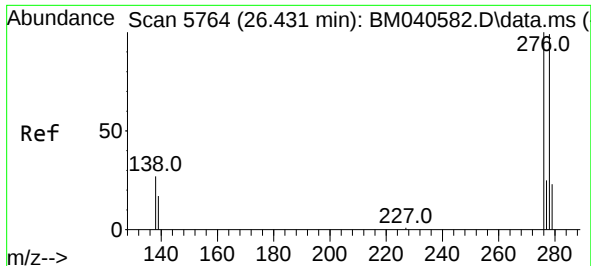
Tgt Ion:252 Resp: 10401
Ion Ratio Lower Upper
252 100
253 38.5 22.9 34.3#
125 35.8 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.300 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.004 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Tgt Ion:276 Resp: 14612
Ion Ratio Lower Upper
276 100
138 26.4 24.5 36.7
227 0.0 0.1 0.1#

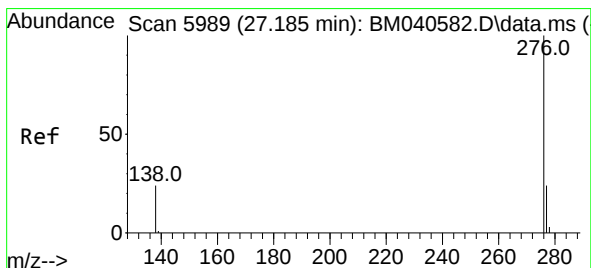
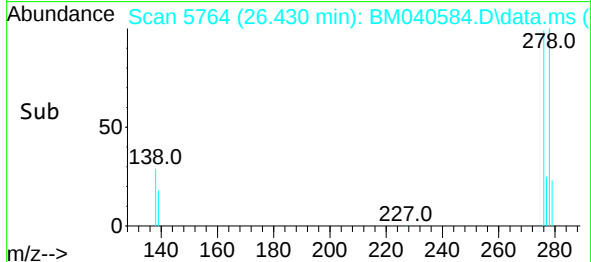
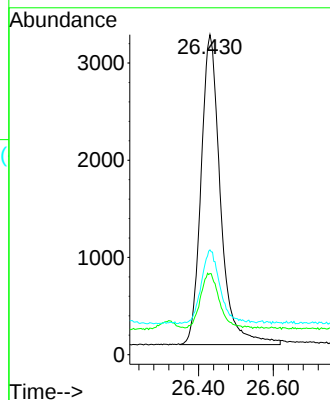
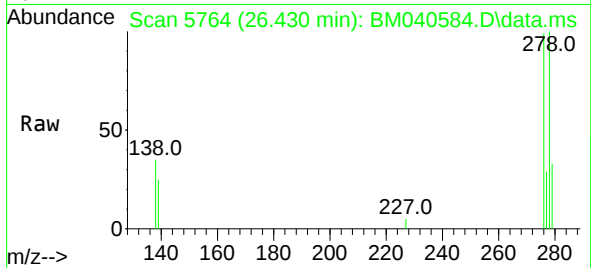




#28
Dibenzo(a,h)anthracene
Concen: 0.301 ng/ul
RT: 26.430 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Instrument :
BNA_M
ClientSampleId :
SLCS508

Tgt Ion:278 Resp: 11486
Ion Ratio Lower Upper
278 100
139 25.4 17.9 26.9
279 32.7 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.289 ng/ul
RT: 27.185 min Scan# 5989
Delta R.T. 0.003 min
Lab File: BM040584.D
Acq: 03 Jul 2023 20:39

Tgt Ion:276 Resp: 12352
Ion Ratio Lower Upper
276 100
138 31.2 23.0 34.6
277 27.6 20.3 30.5

