

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040528.D
 Acq On : 02 Jul 2023 07:00
 Operator : MA/JU
 Sample : PB153699BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS699

Quant Time: Jul 02 08:02:01 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

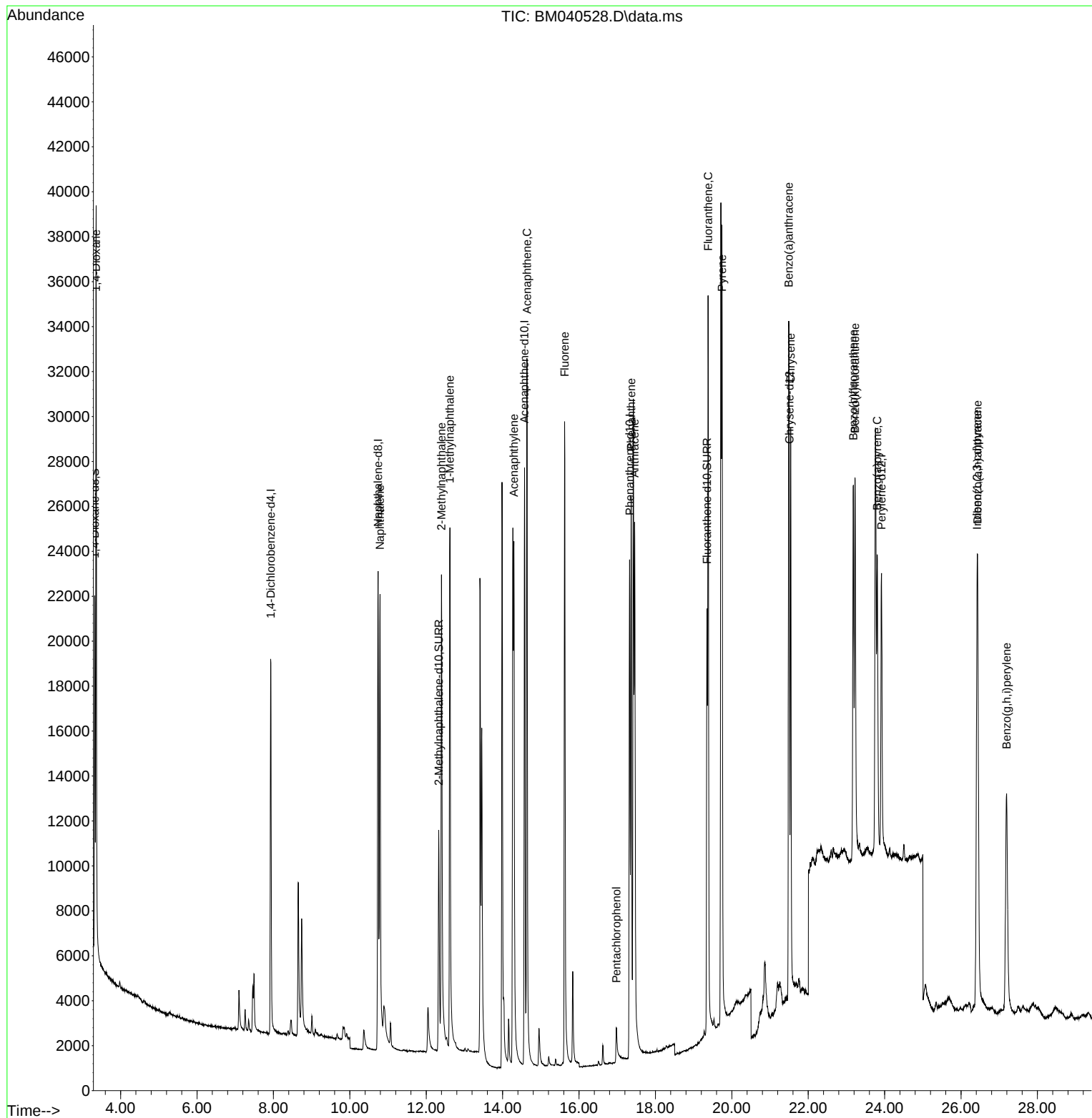
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	9403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	34498	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	16797	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	31594	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	18775	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	18905	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	9219	0.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	16805	0.347	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	24674	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	20481	1.362	ng/ul	92
5) Naphthalene	10.789	128	31500	0.331	ng/ul	100
7) 2-Methylnaphthalene	12.400	142	19250	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	18573	0.333	ng/ul	100
10) Acenaphthylene	14.295	152	27815	0.371	ng/ul	99
11) Acenaphthene	14.637	153	20154	0.318	ng/ul	99
12) Fluorene	15.623	166	21685	0.321	ng/ul	99
14) Pentachlorophenol	16.978	266	2079	0.342	ng/ul	91
15) Phenanthrene	17.366	178	30604	0.312	ng/ul	100
16) Anthracene	17.455	178	29464	0.357	ng/ul	99
19) Fluoranthene	19.380	202	31436	0.394	ng/ul	97
20) Pyrene	19.742	202	32004	0.374	ng/ul	99
21) Benzo(a)anthracene	21.489	228	24844	0.391	ng/ul	95
22) Chrysene	21.541	228	24568	0.339	ng/ul	96
24) Benzo(b)fluoranthene	23.181	252	24601	0.336	ng/ul	88
25) Benzo(k)fluoranthene	23.225	252	23982	0.333	ng/ul#	87
26) Benzo(a)pyrene	23.806	252	20925	0.318	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.420	276	29140	0.317	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.434	278	23273	0.324	ng/ul#	91
29) Benzo(g,h,i)perylene	27.192	276	23711	0.295	ng/ul	94

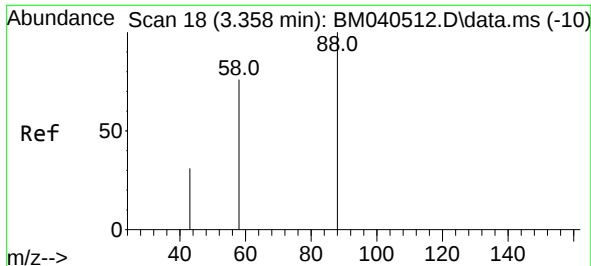
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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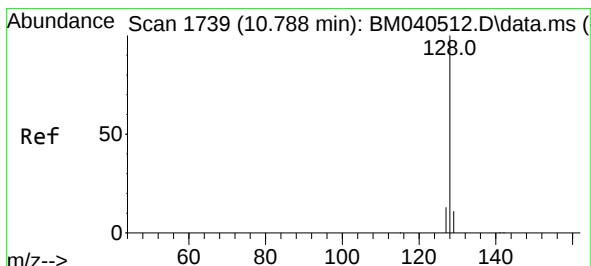
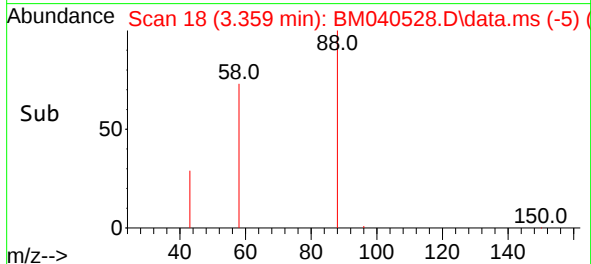
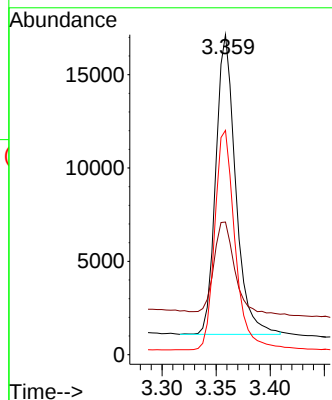
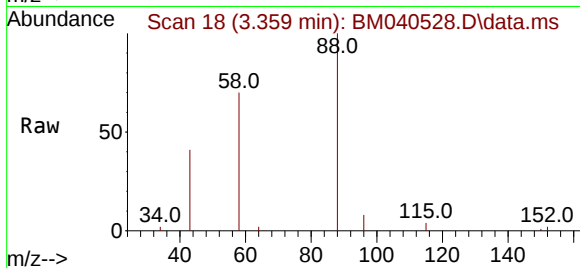




#2
1,4-Dioxane
Concen: 1.362 ng/ul
RT: 3.359 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

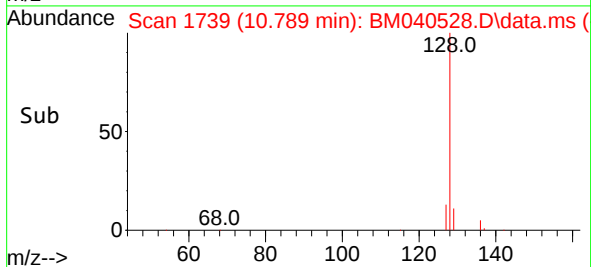
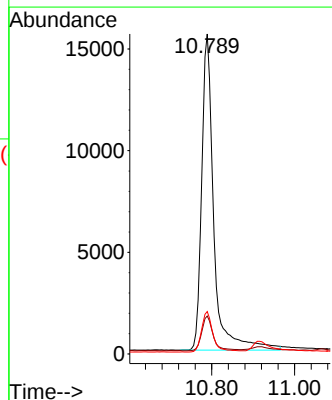
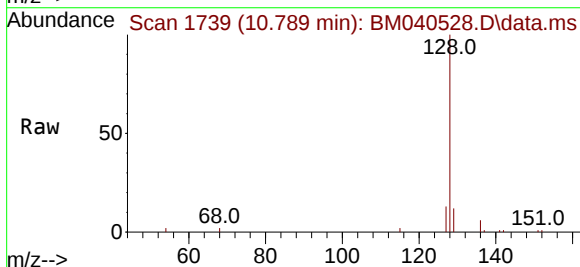
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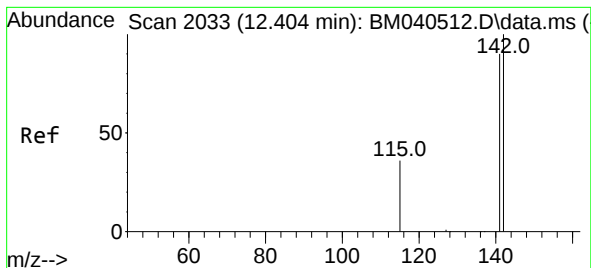
Tgt Ion: 88 Resp: 20481
Ion Ratio Lower Upper
88 100
43 41.5 36.1 54.1
58 70.1 49.8 74.8



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

Tgt Ion: 128 Resp: 31500
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.2 10.6 15.8

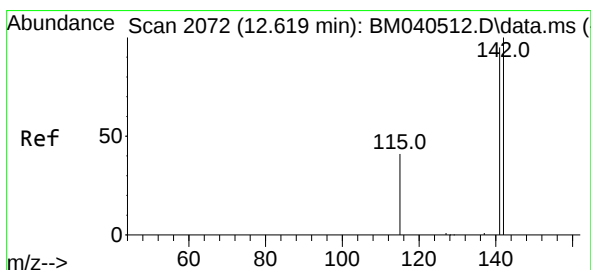
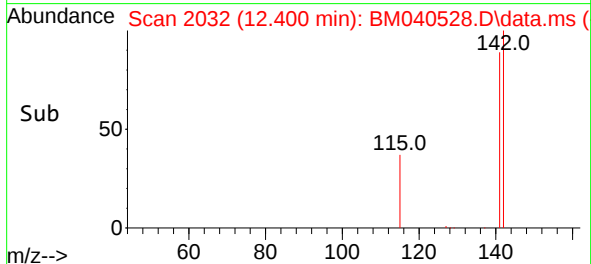
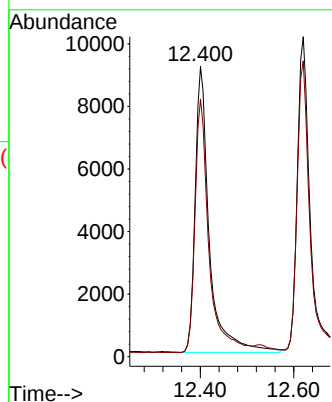
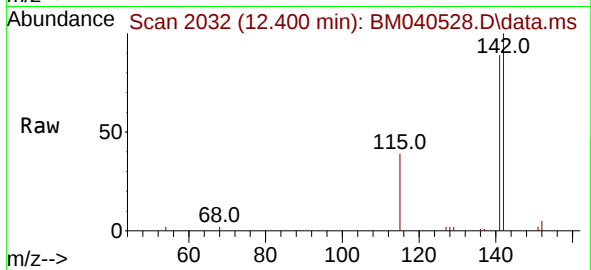




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.400 min Scan# 2033
Delta R.T. -0.005 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

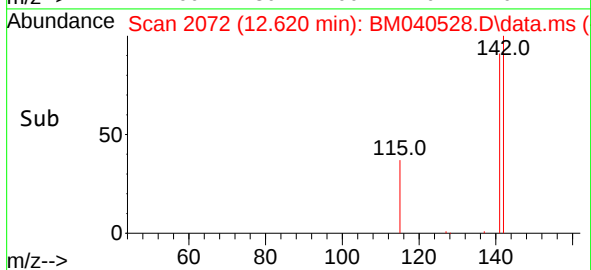
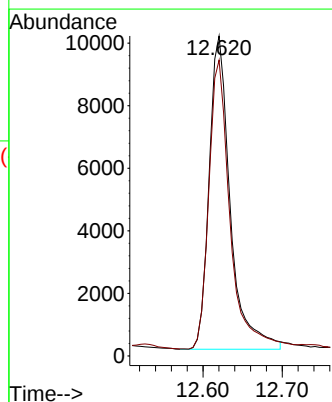
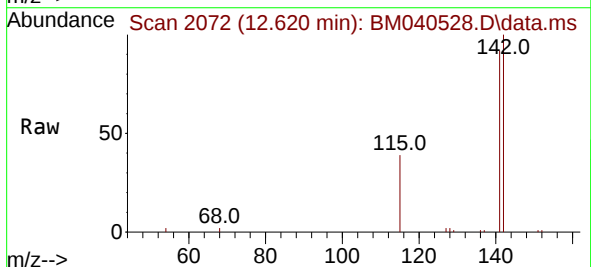
Instrument :
BNA_M
ClientSampleId :
SLCS699

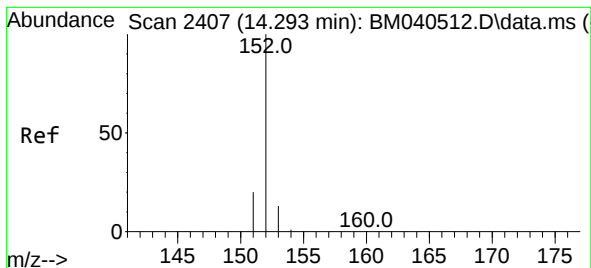
Tgt Ion:142 Resp: 19250
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

Tgt Ion:142 Resp: 18573
Ion Ratio Lower Upper
142 100
141 92.0 73.7 110.5





#10

Acenaphthylene

Concen: 0.371 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.004 min

Lab File: BM040528.D

Acq: 02 Jul 2023 07:00

Instrument :

BNA_M

ClientSampleId :

SLCS699

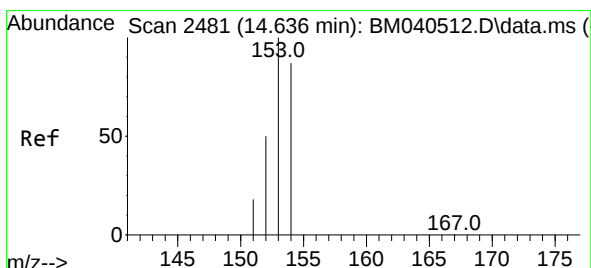
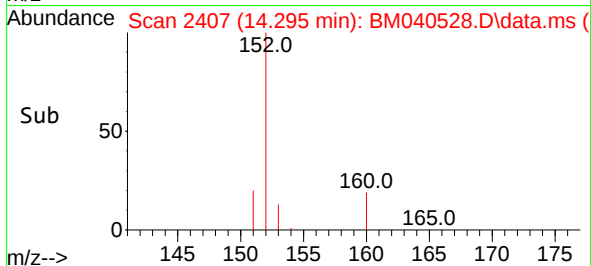
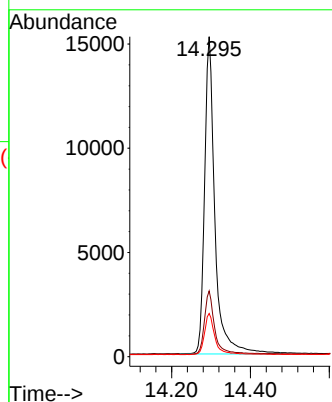
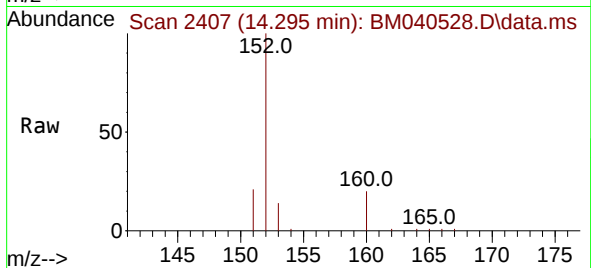
Tgt Ion:152 Resp: 27815

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 13.5 10.9 16.3



#11

Acenaphthene

Concen: 0.318 ng/ul

RT: 14.637 min Scan# 2481

Delta R.T. -0.004 min

Lab File: BM040528.D

Acq: 02 Jul 2023 07:00

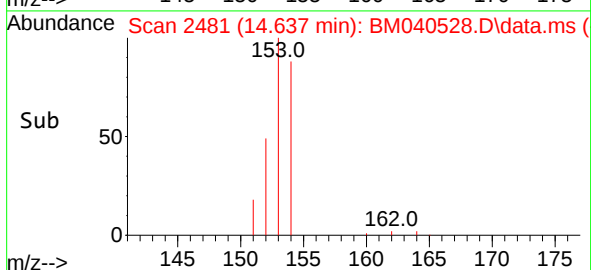
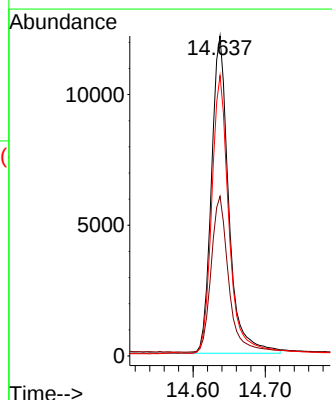
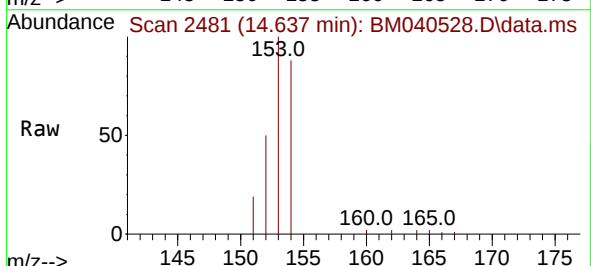
Tgt Ion:153 Resp: 20154

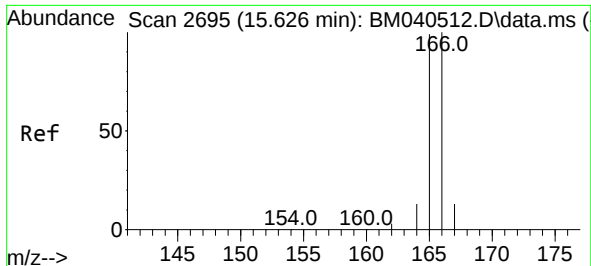
Ion Ratio Lower Upper

153 100

152 49.9 41.0 61.4

154 87.7 70.8 106.2

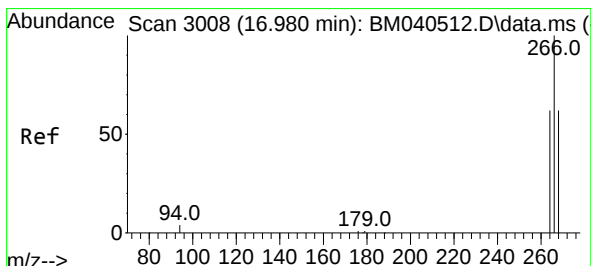
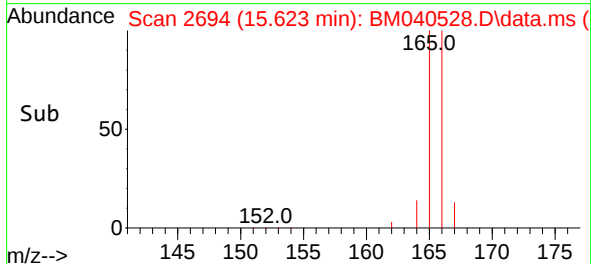
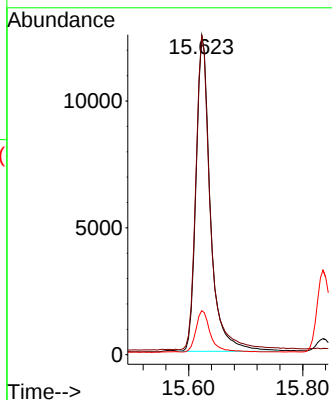
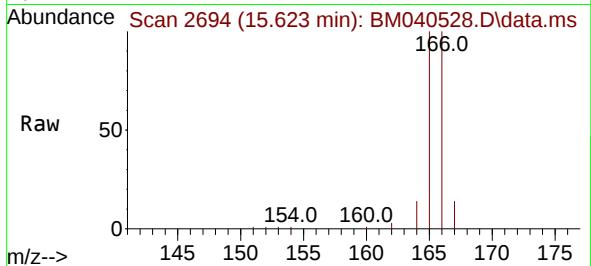




#12
 Fluorene
 Concen: 0.321 ng/ul
 RT: 15.623 min Scan# 21685
 Delta R.T. -0.009 min
 Lab File: BM040528.D
 Acq: 02 Jul 2023 07:00

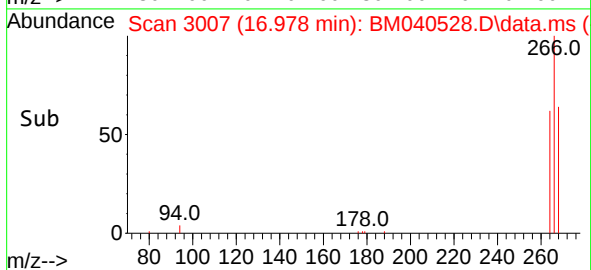
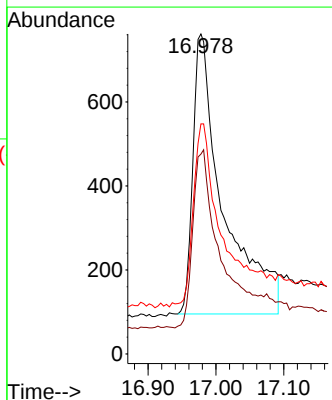
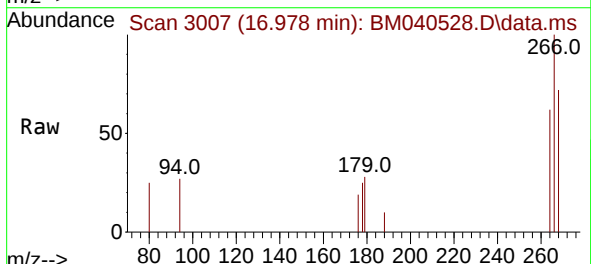
Instrument :
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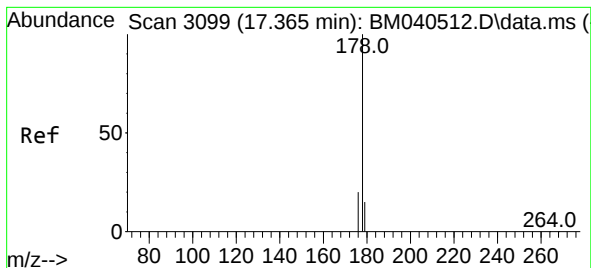
Tgt Ion:166	Resp:	21685
Ion Ratio	Lower	Upper
166	100	
165	100.2	79.6 119.4
167	13.8	11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.342 ng/ul
 RT: 16.978 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BM040528.D
 Acq: 02 Jul 2023 07:00

Tgt Ion:266	Resp:	2079
Ion Ratio	Lower	Upper
266	100	
264	63.3	45.4 68.0
268	65.8	47.2 70.8





#15

Phenanthrene

Concen: 0.312 ng/ul

RT: 17.366 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BM040528.D

Acq: 02 Jul 2023 07:00

Instrument :

BNA_M

ClientSampleId :

SLCS699

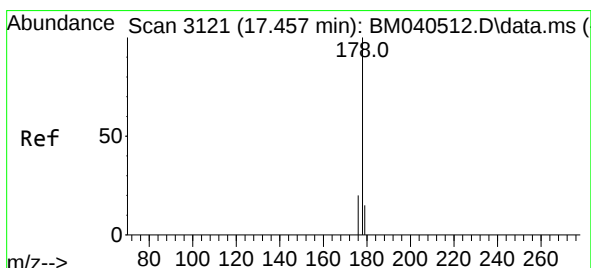
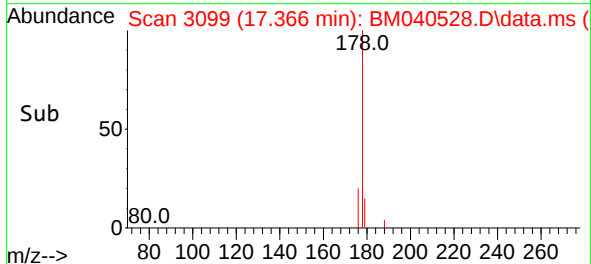
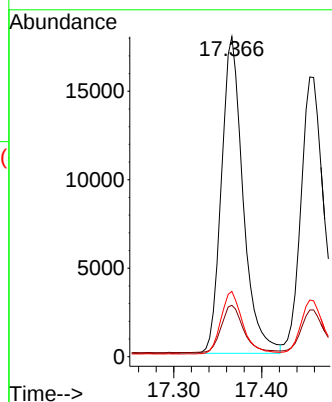
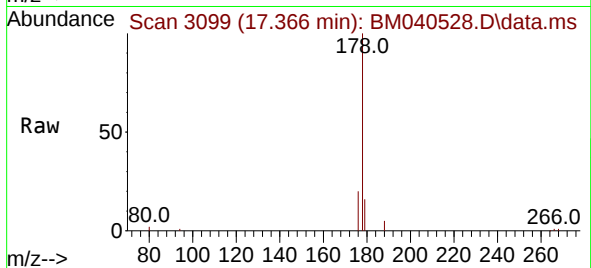
Tgt Ion:178 Resp: 30604

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 20.4 16.4 24.6



#16

Anthracene

Concen: 0.357 ng/ul

RT: 17.455 min Scan# 3120

Delta R.T. -0.008 min

Lab File: BM040528.D

Acq: 02 Jul 2023 07:00

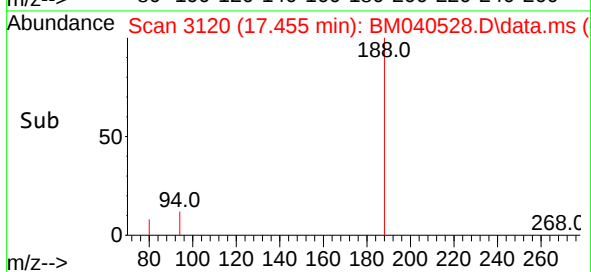
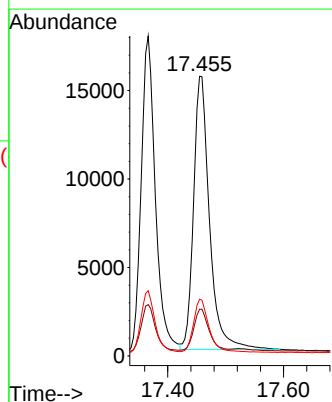
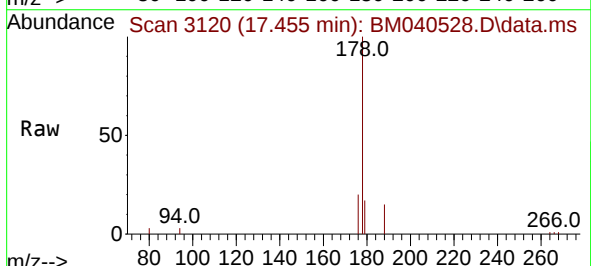
Tgt Ion:178 Resp: 29464

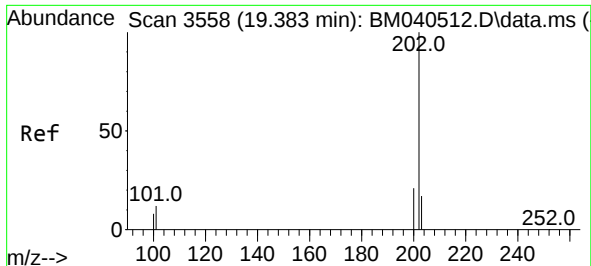
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

176 20.2 15.8 23.6

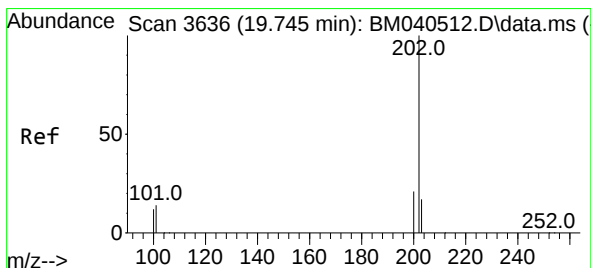
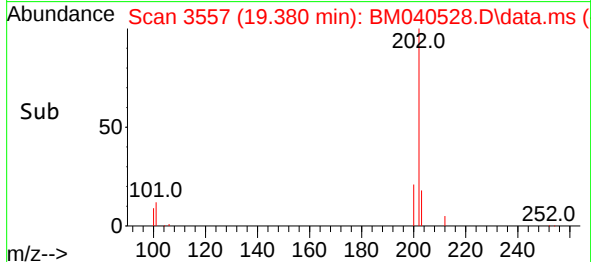
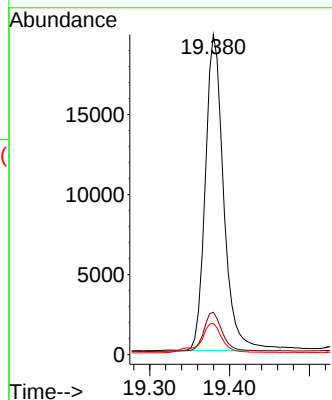
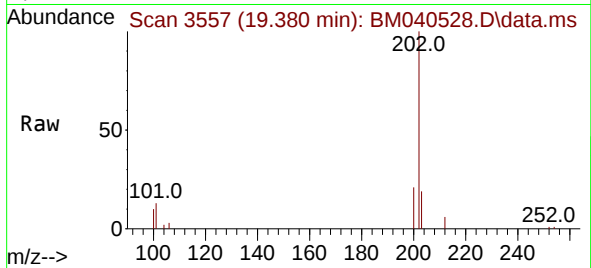




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.380 min Scan# 314
Delta R.T. -0.004 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

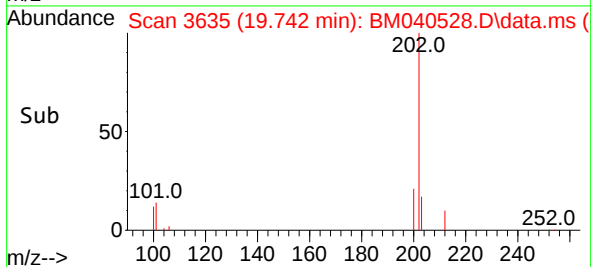
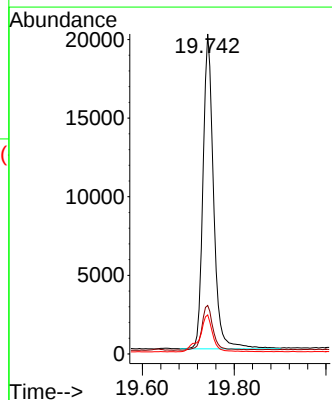
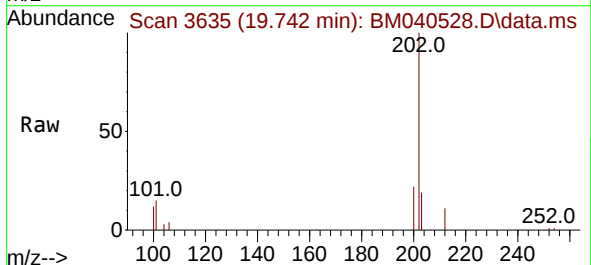
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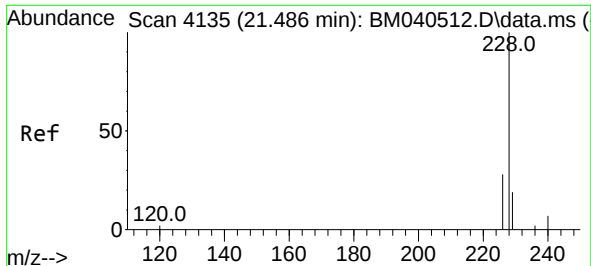
Tgt Ion:202 Resp: 31436
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 9.7 8.7 13.1



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

Tgt Ion:202 Resp: 32004
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.2 9.8 14.6

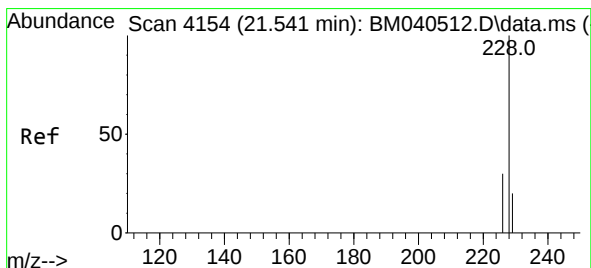
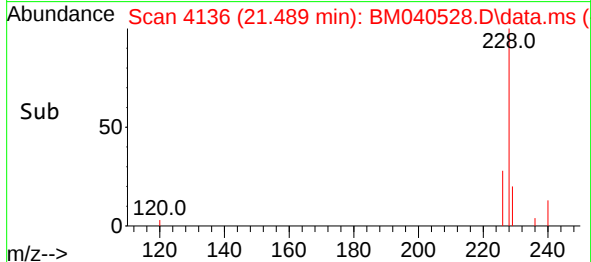
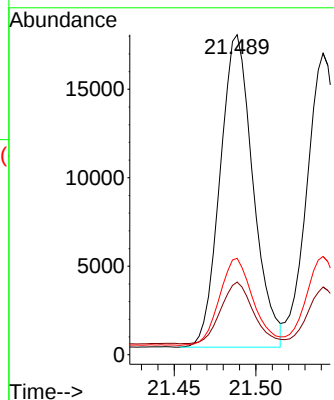
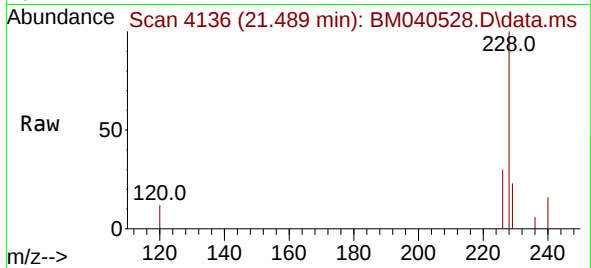




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.489 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

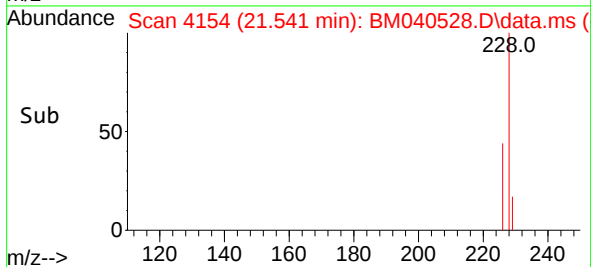
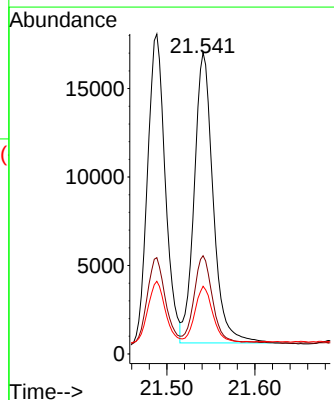
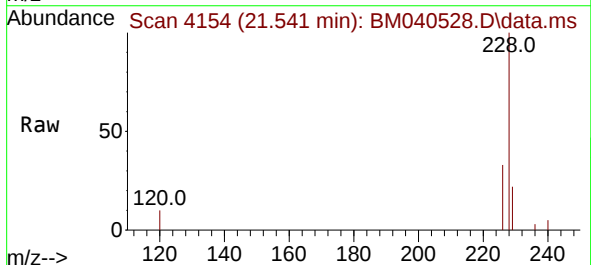
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BNA_M
ClientSampleId :
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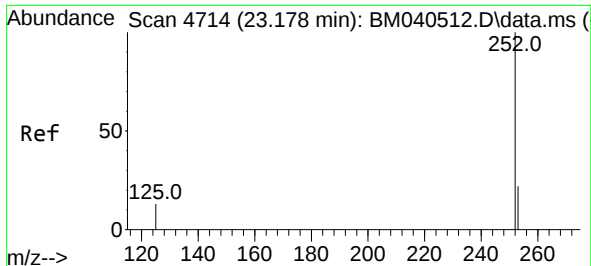
Tgt Ion:228 Resp: 24844
Ion Ratio Lower Upper
228 100
229 22.7 16.0 24.0
226 30.1 22.3 33.5



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

Tgt Ion:228 Resp: 24568
Ion Ratio Lower Upper
228 100
226 32.6 24.9 37.3
229 22.5 15.8 23.6

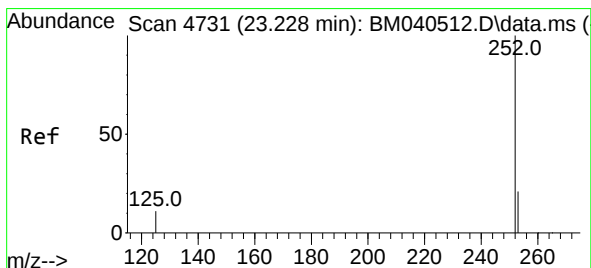
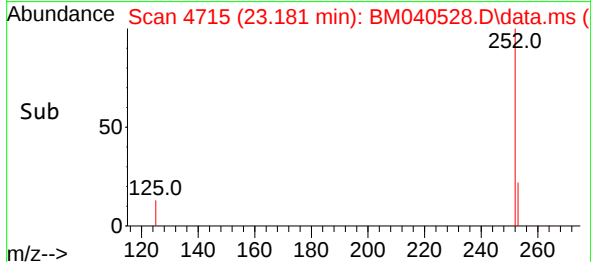
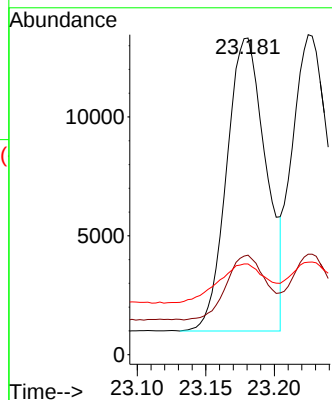
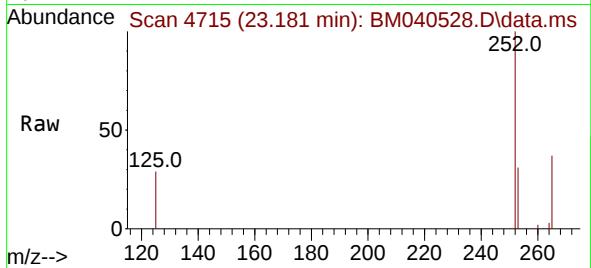




#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

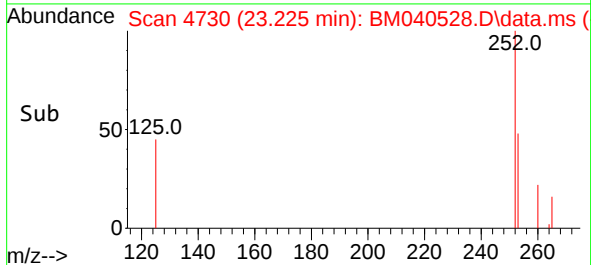
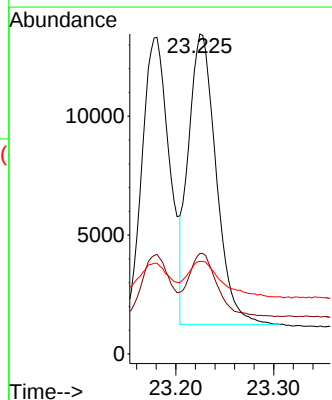
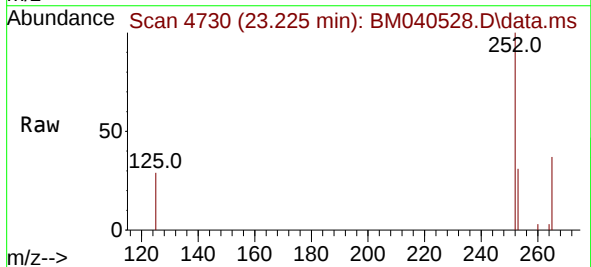
Instrument :
BNA_M
ClientSampleId :
SLCS699

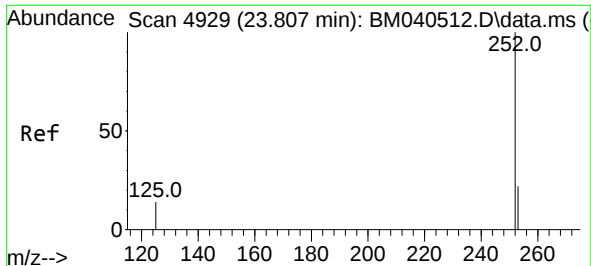
Tgt Ion:252 Resp: 24601
Ion Ratio Lower Upper
252 100
253 31.5 0.0 52.8
125 28.6 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul
RT: 23.225 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

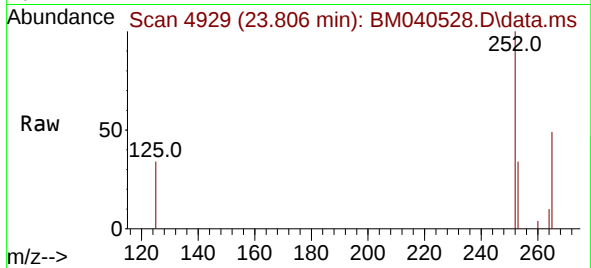
Tgt Ion:252 Resp: 23982
Ion Ratio Lower Upper
252 100
253 31.4 21.2 31.8
125 28.9 16.4 24.6#



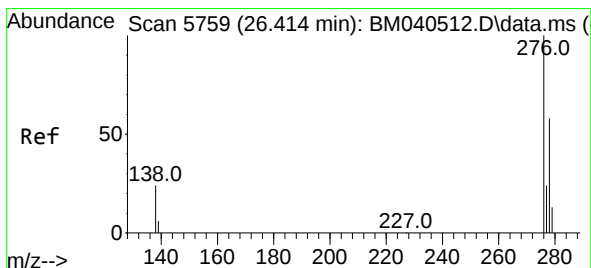
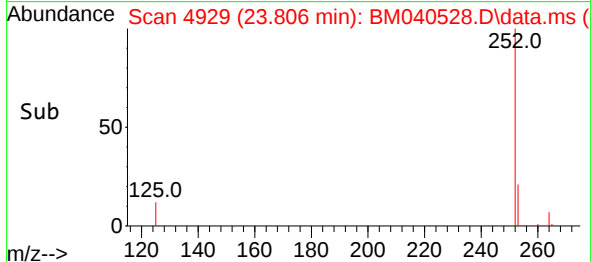
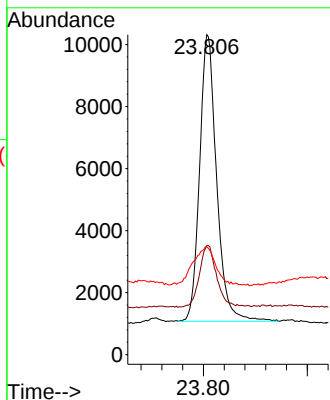


#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

Instrument :
BNA_M
ClientSampleId :
SLCS699

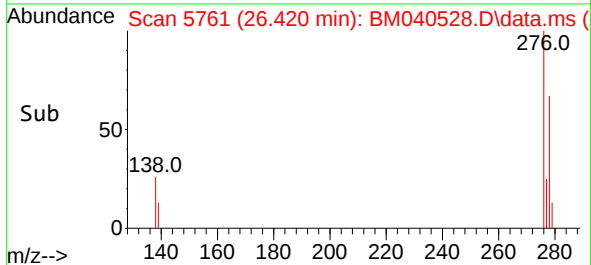
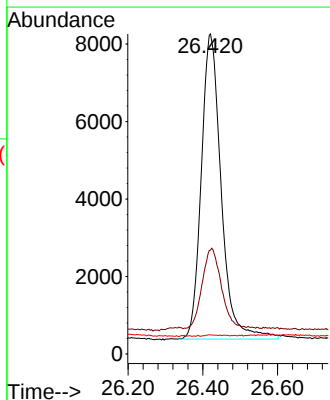
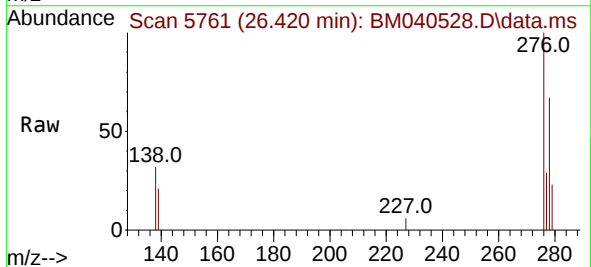


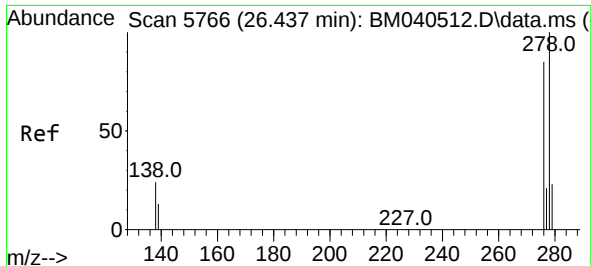
Tgt Ion:252 Resp: 20925
Ion Ratio Lower Upper
252 100
253 34.1 22.9 34.3
125 33.7 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

Tgt Ion:276 Resp: 29140
Ion Ratio Lower Upper
276 100
138 26.0 24.5 36.7
227 0.5 0.1 0.1#

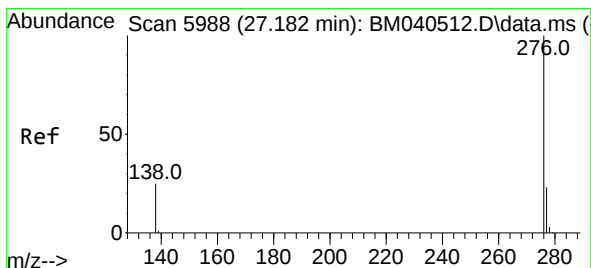
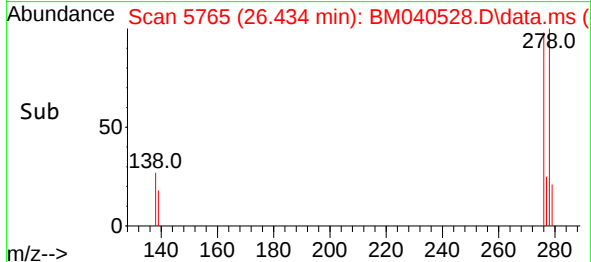
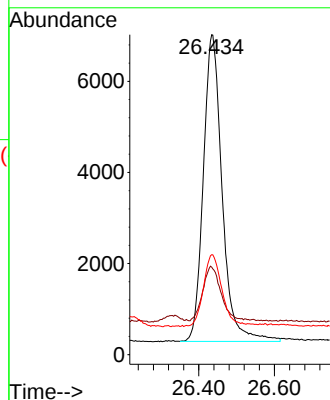
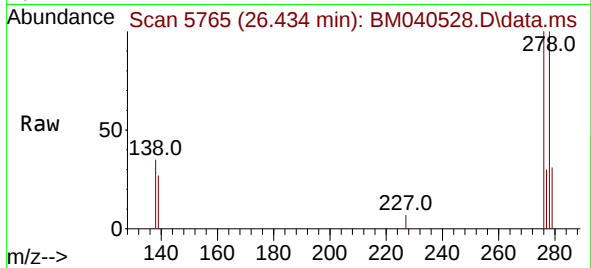




#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.434 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

Instrument :
BNA_M
ClientSampleId :
SLCS699

Tgt Ion:278 Resp: 23273
Ion Ratio Lower Upper
278 100
139 27.3 17.9 26.9#
279 31.2 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040528.D
Acq: 02 Jul 2023 07:00

Tgt Ion:276 Resp: 23711
Ion Ratio Lower Upper
276 100
138 31.5 23.0 34.6
277 29.1 20.3 30.5

