

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041602.D
 Acq On : 31 Aug 2023 05:51
 Operator : MA/JU
 Sample : PB155123BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS123

Quant Time: Aug 31 06:38:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

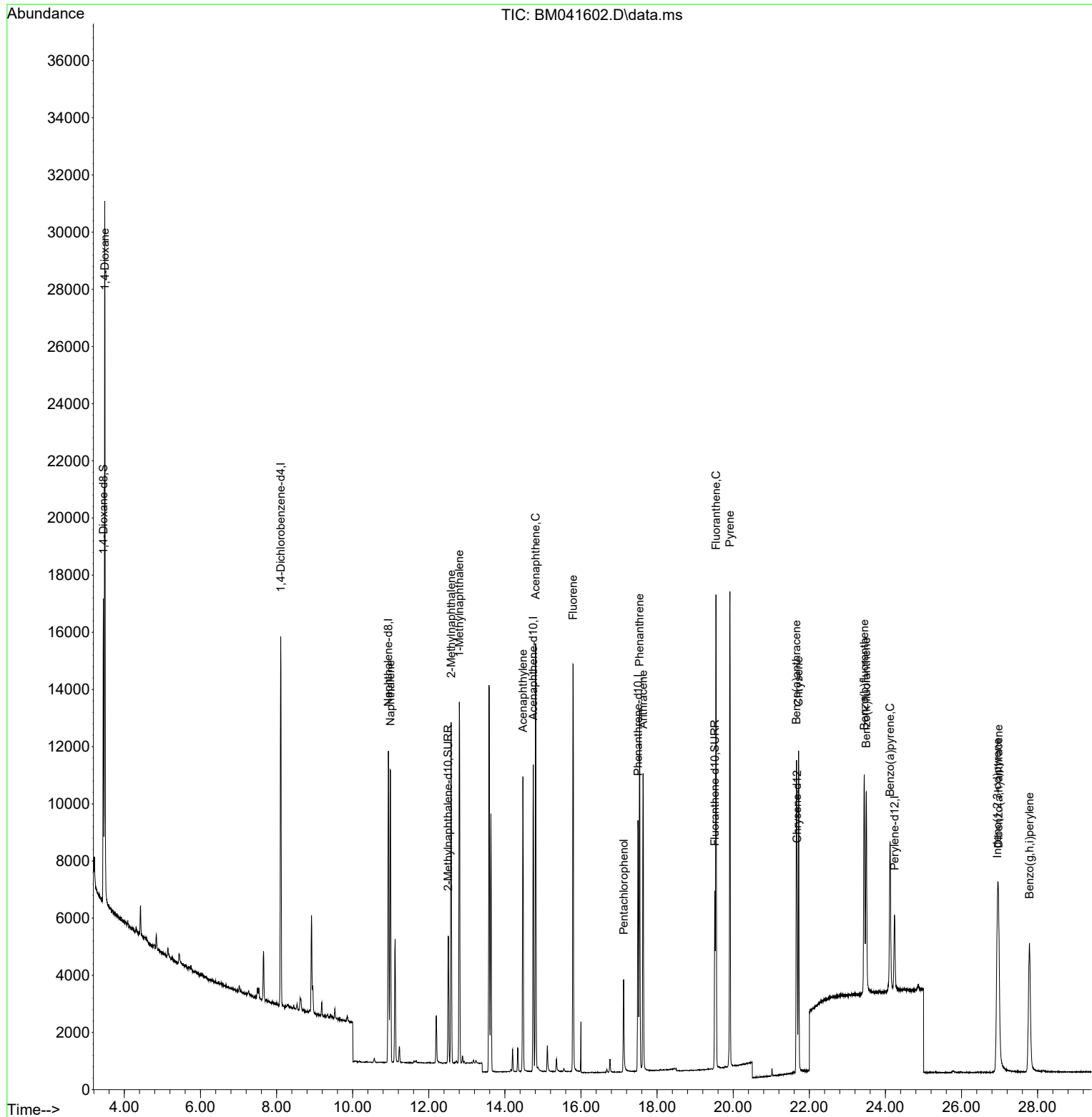
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	6305	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	13817	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.745	164	5170	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.497	188	9537	0.400	ng/ul	0.00
17) Chrysene-d12	21.679	240	3434	0.400	ng/ul	-0.01
23) Perylene-d12	24.240	264	3867	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	5780	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	5496	0.330	ng/ul	-0.01
18) Fluoranthene-d10	19.520	212	5387	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	14205	1.431	ng/ul#	85
5) Naphthalene	10.993	128	14030	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	7935	0.317	ng/ul	100
8) 1-Methylnaphthalene	12.803	142	8291	0.327	ng/ul	99
10) Acenaphthylene	14.476	152	11834	0.328	ng/ul	99
11) Acenaphthene	14.809	153	8225	0.331	ng/ul	99
12) Fluorene	15.795	166	8812	0.326	ng/ul	97
14) Pentachlorophenol	17.122	266	2381	0.650	ng/ul	99
15) Phenanthrene	17.540	178	13232	0.318	ng/ul	99
16) Anthracene	17.633	178	11490	0.318	ng/ul	98
19) Fluoranthene	19.547	202	13333	0.296	ng/ul	99
20) Pyrene	19.915	202	13274	0.293	ng/ul	99
21) Benzo(a)anthracene	21.661	228	9053	0.295	ng/ul	100
22) Chrysene	21.720	228	9846	0.299	ng/ul	99
24) Benzo(b)fluoranthene	23.444	252	10529	0.293	ng/ul	97
25) Benzo(k)fluoranthene	23.494	252	9990	0.293	ng/ul	98
26) Benzo(a)pyrene	24.123	252	9055	0.283	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.941	276	12542	0.293	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.971	278	8552	0.297	ng/ul	98
29) Benzo(g,h,i)perylene	27.786	276	10793	0.301	ng/ul	99

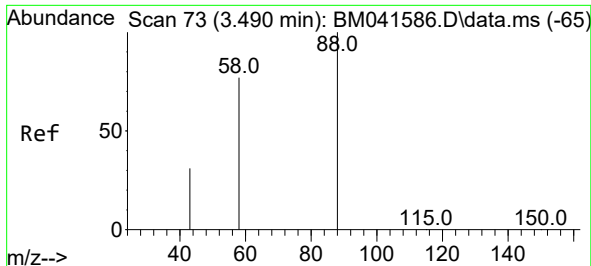
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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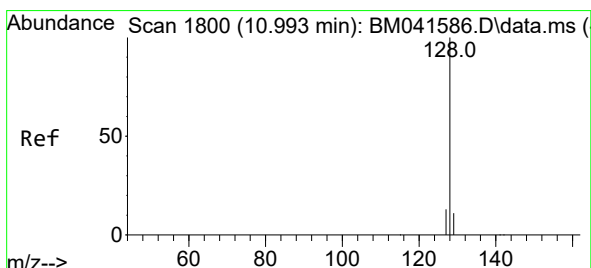
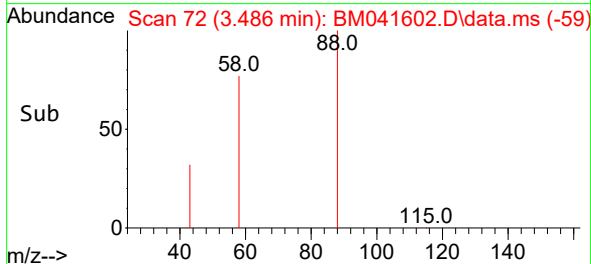
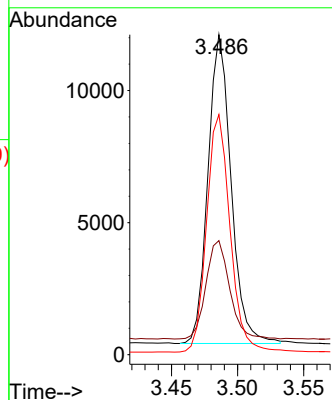
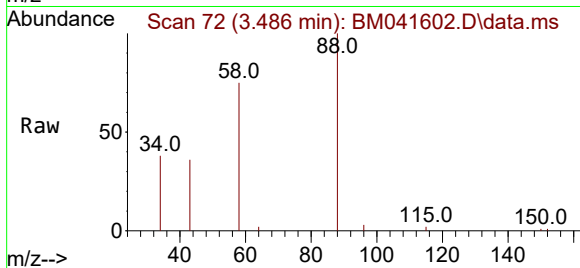




#2
1,4-Dioxane
Concen: 1.431 ng/ul
RT: 3.486 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

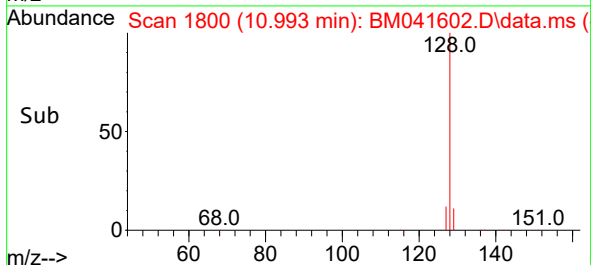
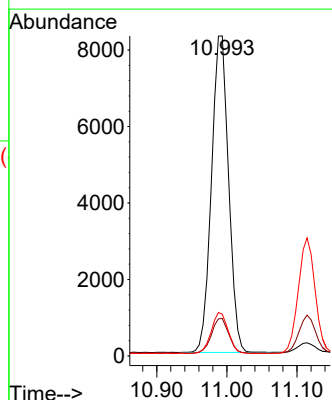
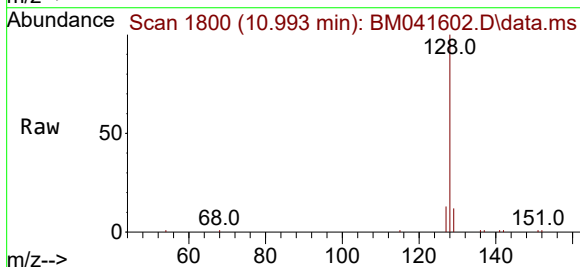
Instrument :
BNA_M
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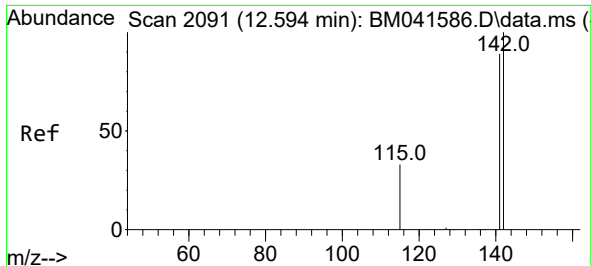
Tgt Ion: 88 Resp: 14205
Ion Ratio Lower Upper
88 100
43 35.6 46.2 69.2#
58 75.0 58.1 87.1



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Tgt Ion: 128 Resp: 14030
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.1 10.6 15.8

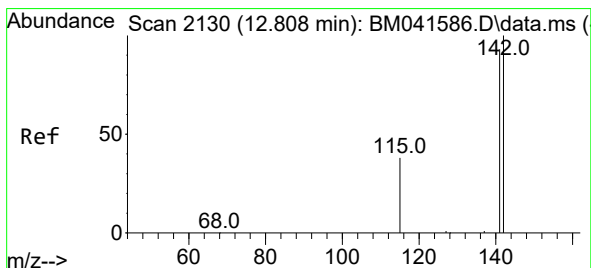
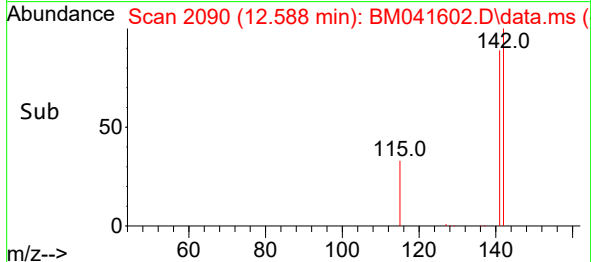
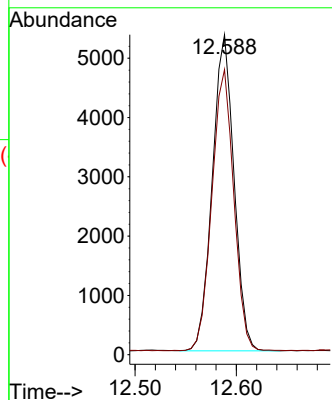
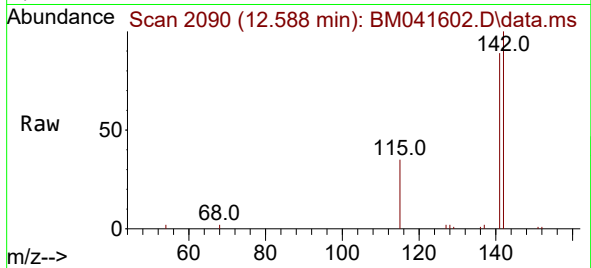




#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

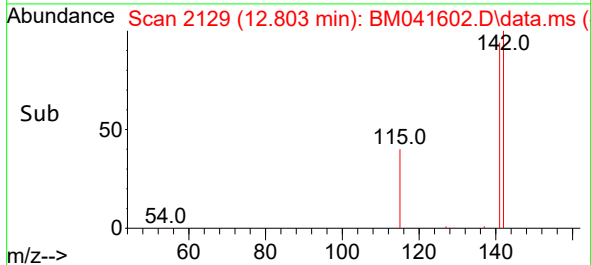
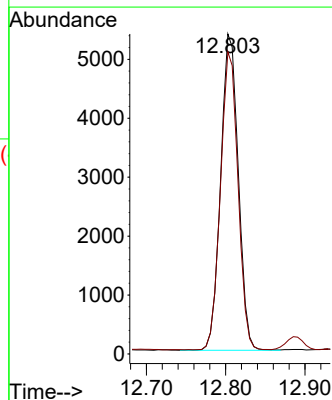
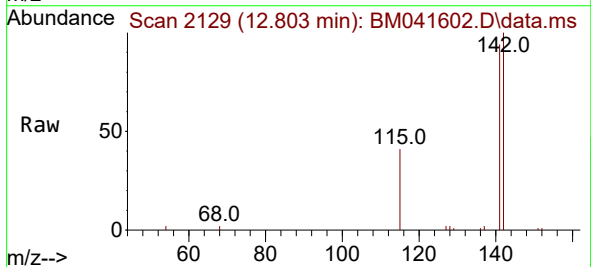
Instrument :
BNA_M
ClientSampleId :
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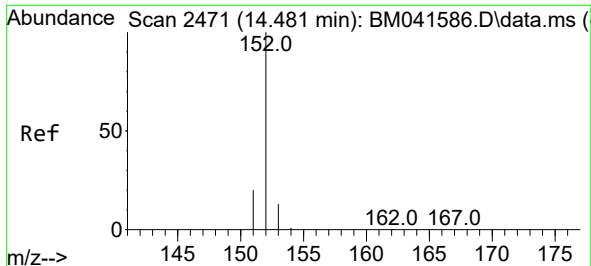
Tgt Ion:142 Resp: 7935
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.803 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Tgt Ion:142 Resp: 8291
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.2

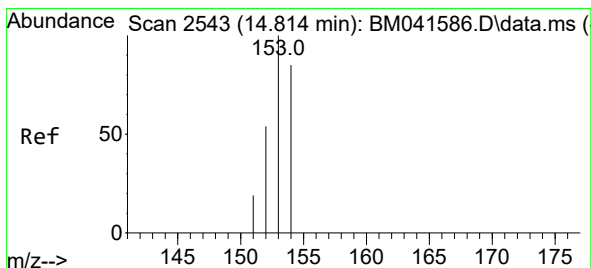
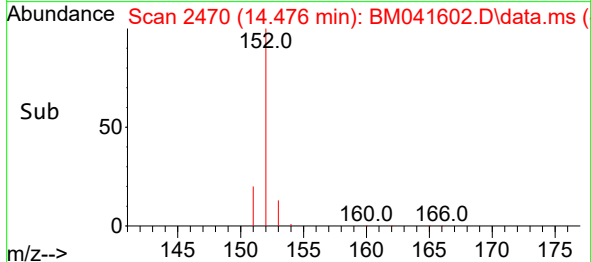
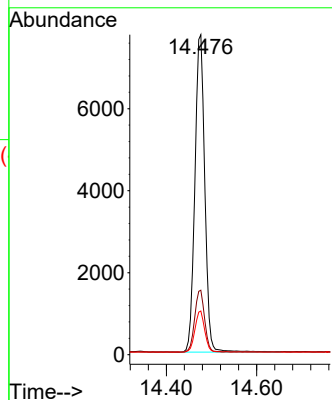
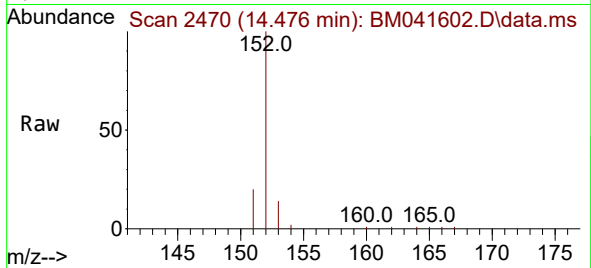




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.476 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

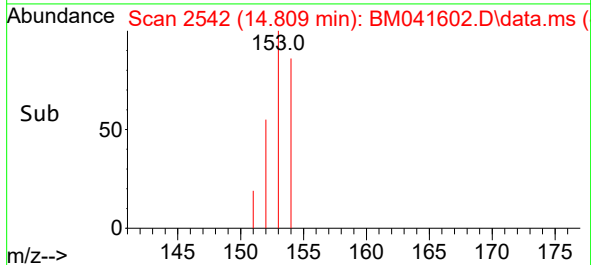
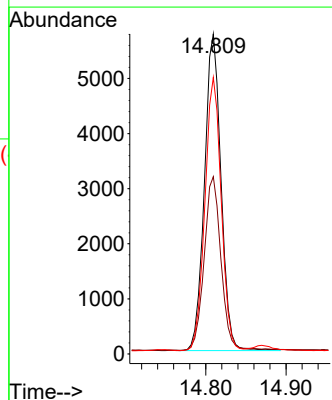
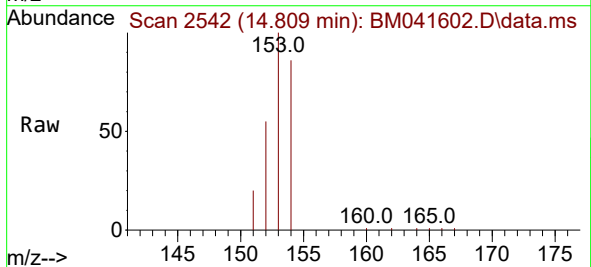
Instrument :
BNA_M
ClientSampleId :
SLCS123

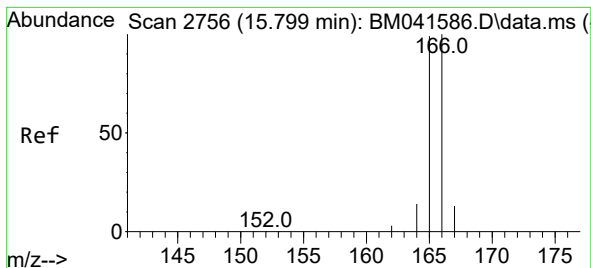
Tgt Ion:152 Resp: 11834
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.7 10.6 15.8



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.809 min Scan# 2542
Delta R.T. -0.009 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Tgt Ion:153 Resp: 8225
Ion Ratio Lower Upper
153 100
152 55.4 43.4 65.2
154 86.4 70.2 105.2





#12

Fluorene

Concen: 0.326 ng/ul

RT: 15.795 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041602.D

Acq: 31 Aug 2023 05:51

Instrument :

BNA_M

ClientSampleId :

SLCS123

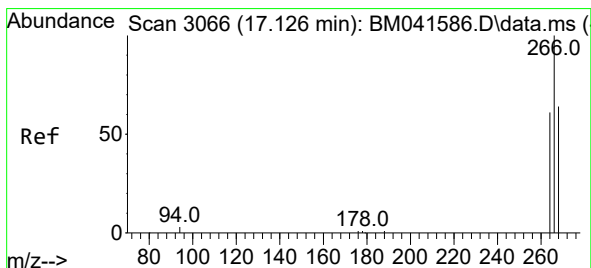
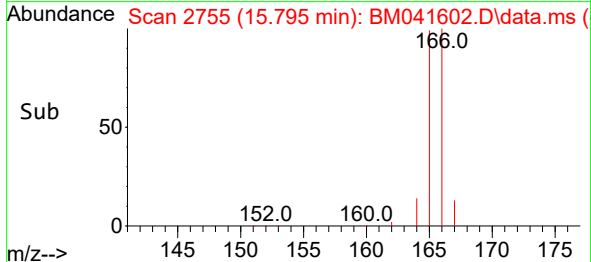
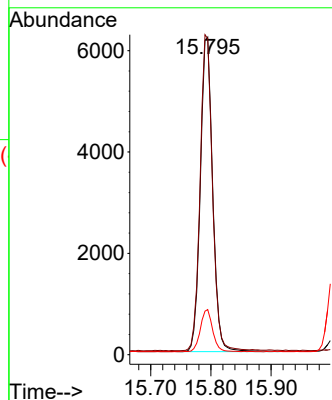
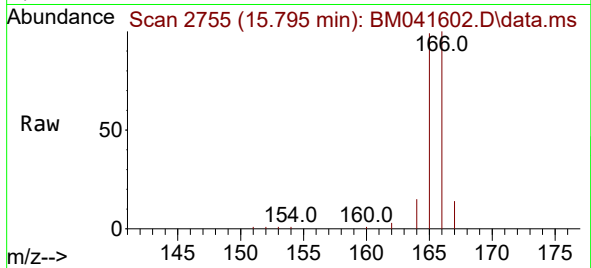
Tgt Ion:166 Resp: 8812

Ion Ratio Lower Upper

166 100

165 99.5 82.2 123.2

167 14.2 11.5 17.3



#14

Pentachlorophenol

Concen: 0.650 ng/ul

RT: 17.122 min Scan# 3065

Delta R.T. -0.004 min

Lab File: BM041602.D

Acq: 31 Aug 2023 05:51

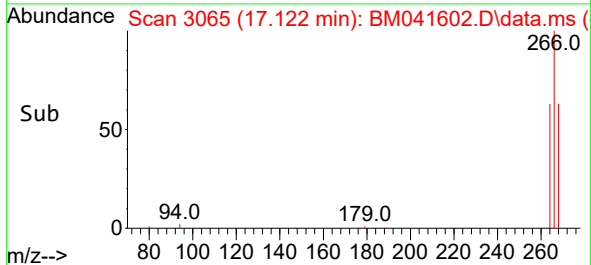
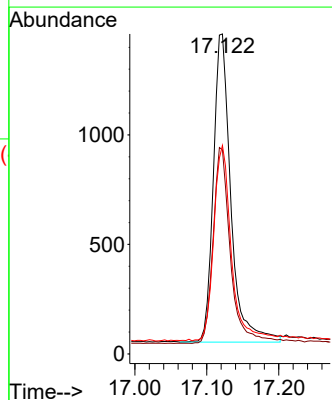
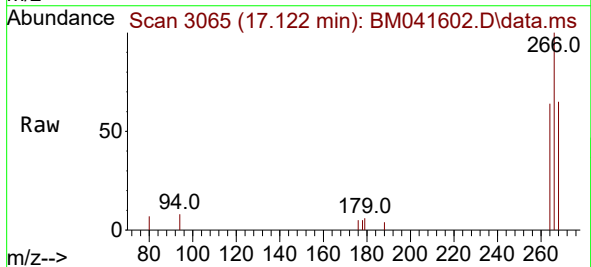
Tgt Ion:266 Resp: 2381

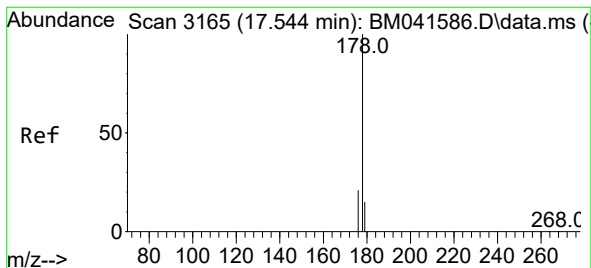
Ion Ratio Lower Upper

266 100

264 62.6 49.3 73.9

268 63.7 50.2 75.4





#15

Phenanthrene

Concen: 0.318 ng/ul

RT: 17.540 min Scan# 3165

Delta R.T. -0.008 min

Lab File: BM041602.D

Acq: 31 Aug 2023 05:51

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BNA_M

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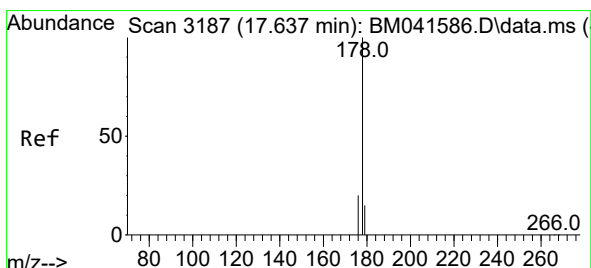
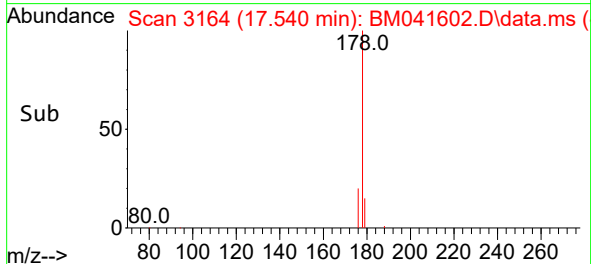
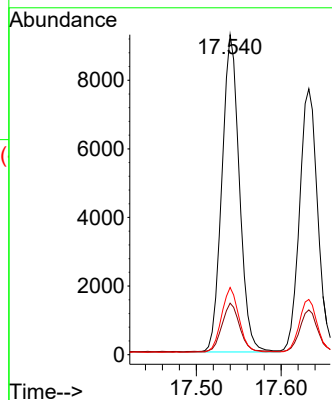
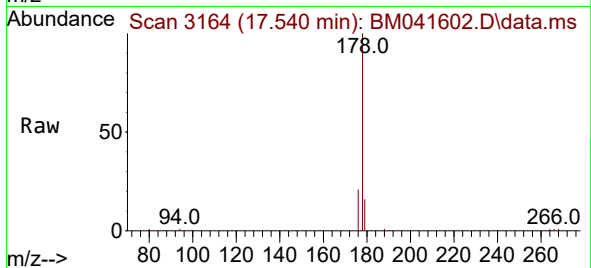
Tgt Ion:178 Resp: 13232

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

176 21.0 16.2 24.4



#16

Anthracene

Concen: 0.318 ng/ul

RT: 17.633 min Scan# 3186

Delta R.T. -0.008 min

Lab File: BM041602.D

Acq: 31 Aug 2023 05:51

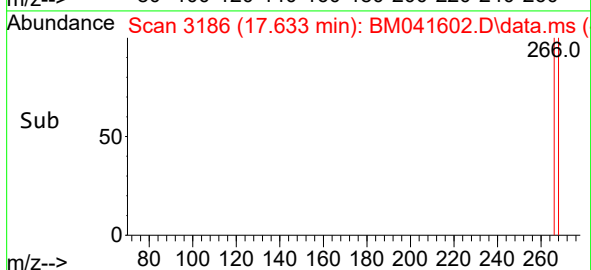
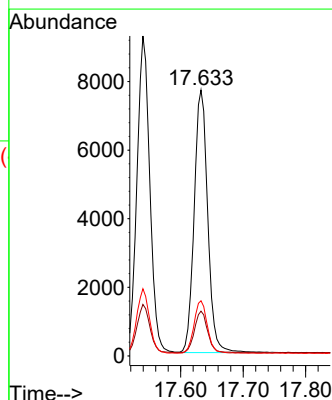
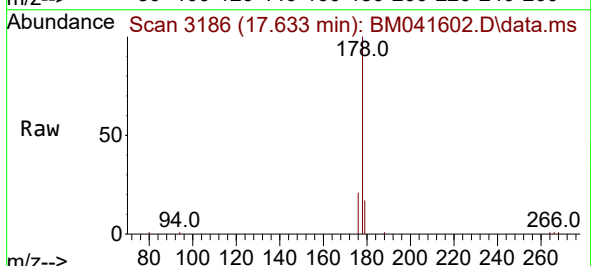
Tgt Ion:178 Resp: 11490

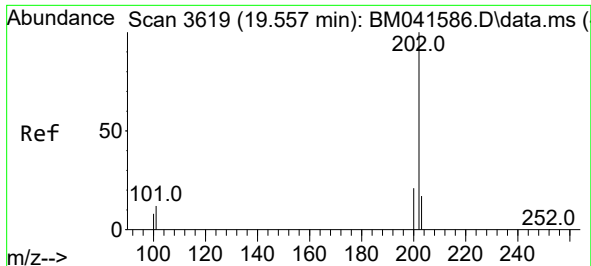
Ion Ratio Lower Upper

178 100

179 16.8 12.9 19.3

176 20.7 15.6 23.4

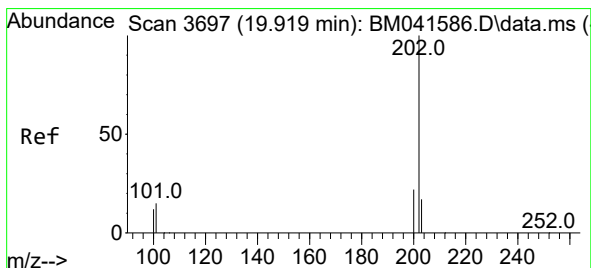
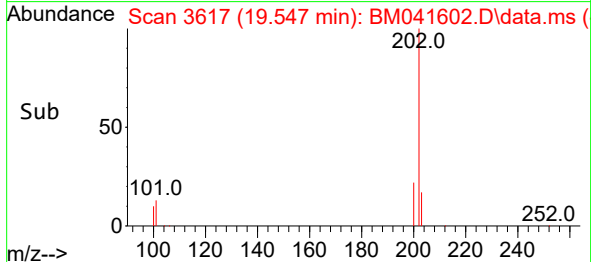
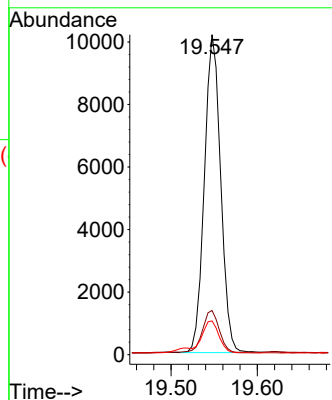
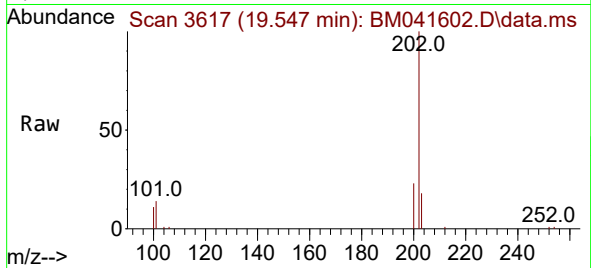




#19
Fluoranthene
Concen: 0.296 ng/ul
RT: 19.547 min Scan# 3617
Delta R.T. -0.009 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

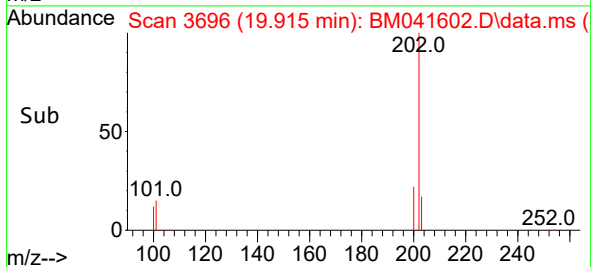
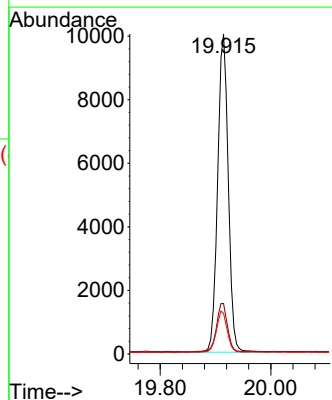
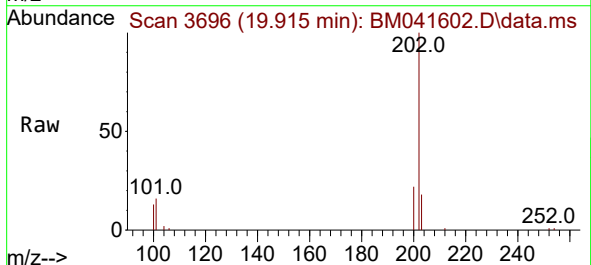
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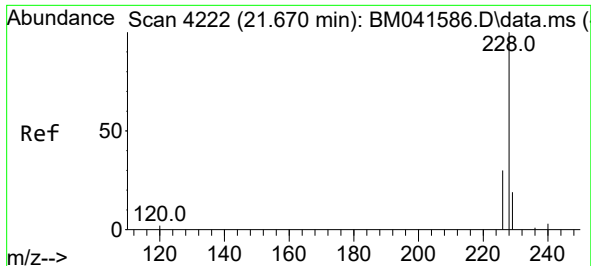
Tgt Ion:202 Resp: 13333
Ion Ratio Lower Upper
202 100
101 13.8 10.7 16.1
100 10.6 8.1 12.1



#20
Pyrene
Concen: 0.293 ng/ul
RT: 19.915 min Scan# 3696
Delta R.T. -0.009 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Tgt Ion:202 Resp: 13274
Ion Ratio Lower Upper
202 100
101 15.7 12.2 18.4
100 12.7 9.8 14.8

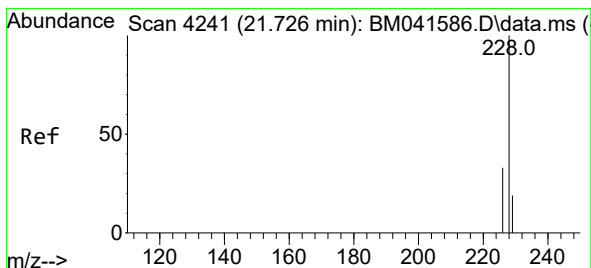
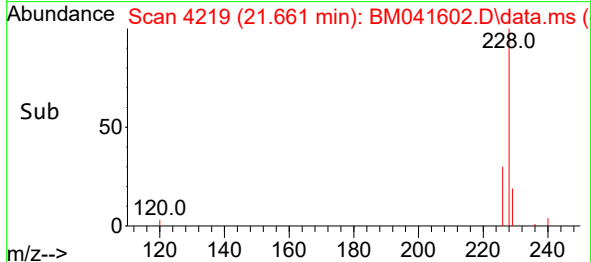
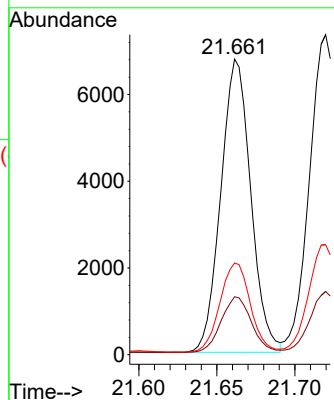
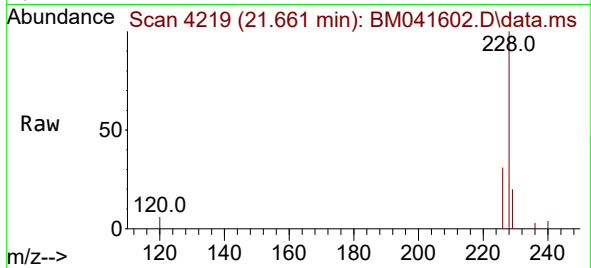




#21
Benzo(a)anthracene
Concen: 0.295 ng/ul
RT: 21.661 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

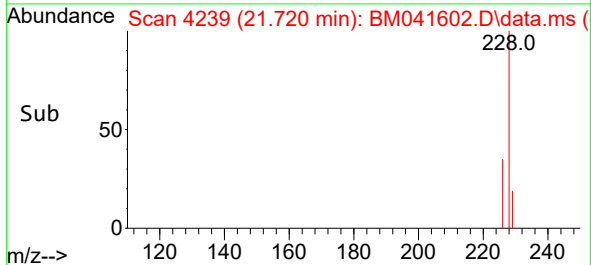
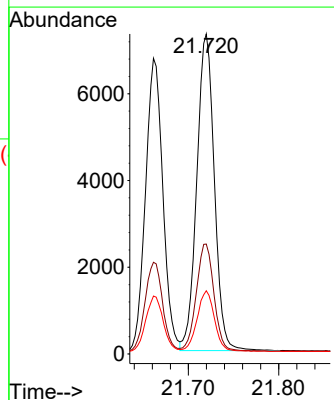
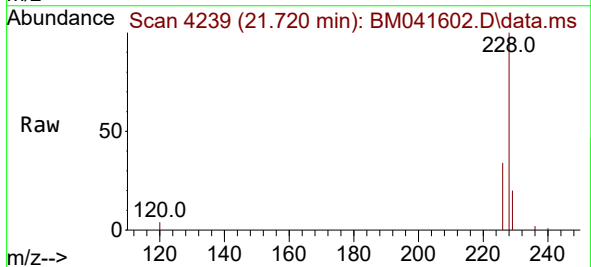
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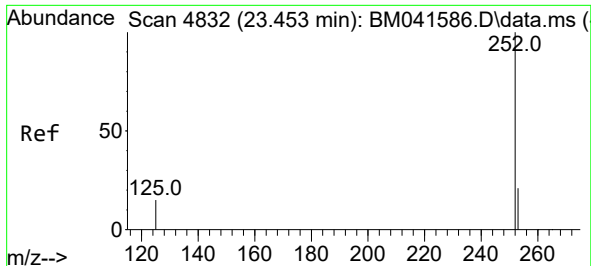
Tgt Ion:228 Resp: 9053
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 31.0 25.0 37.4



#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.720 min Scan# 4239
Delta R.T. -0.009 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Tgt Ion:228 Resp: 9846
Ion Ratio Lower Upper
228 100
226 34.3 26.7 40.1
229 19.7 15.9 23.9

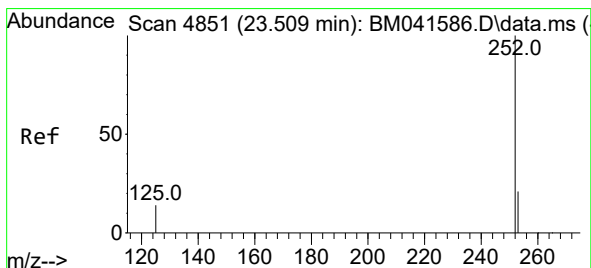
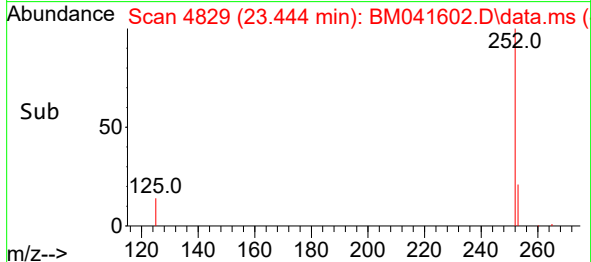
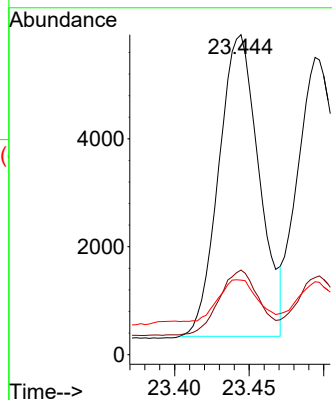
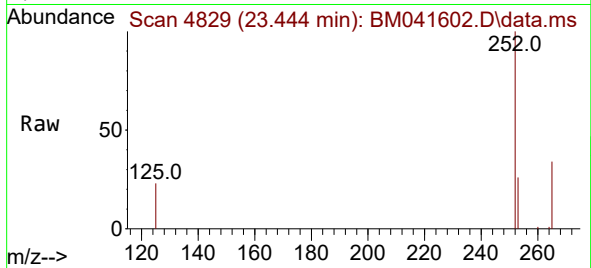




#24
Benzo(b)fluoranthene
Concen: 0.293 ng/ul
RT: 23.444 min Scan# 4829
Delta R.T. -0.015 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

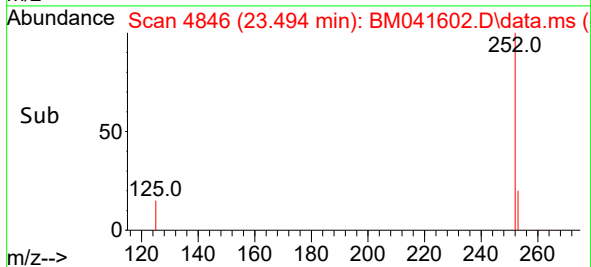
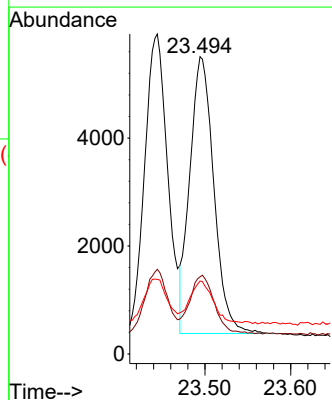
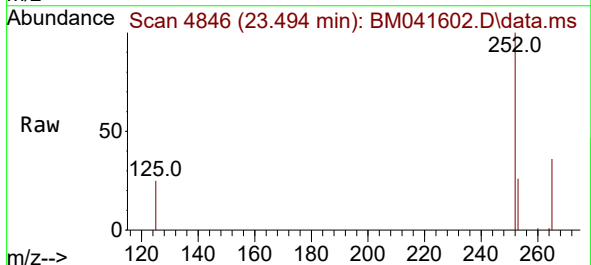
Instrument :
BNA_M
ClientSampleId :
SLCS123

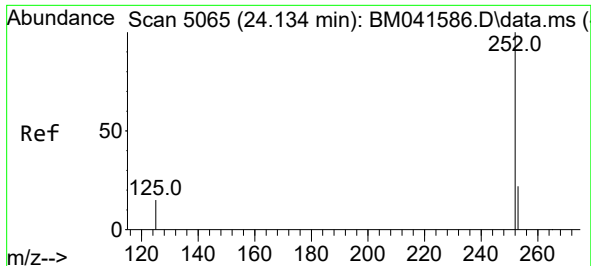
Tgt Ion:252 Resp: 10529
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.0
125 23.3 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul
RT: 23.494 min Scan# 4846
Delta R.T. -0.017 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Tgt Ion:252 Resp: 9990
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.4
125 24.5 18.2 27.4

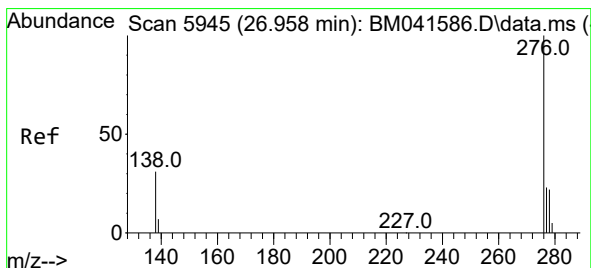
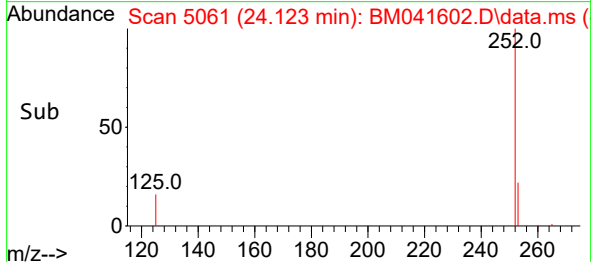
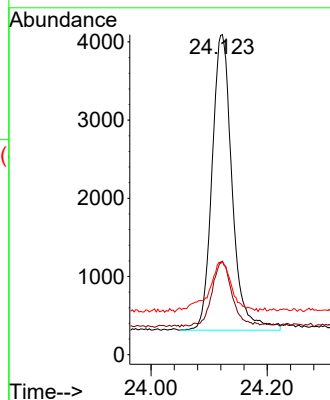
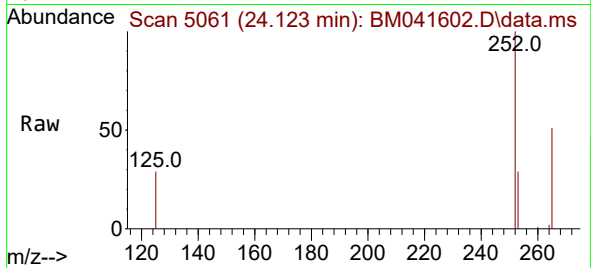




#26
Benzo(a)pyrene
Concen: 0.283 ng/ul
RT: 24.123 min Scan# 5065
Delta R.T. -0.015 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

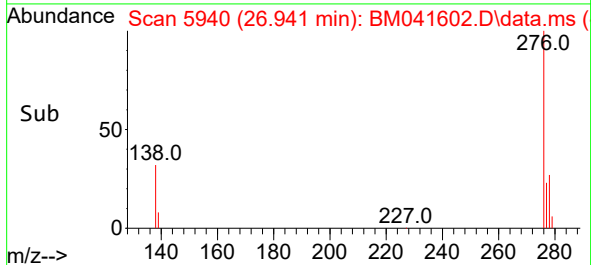
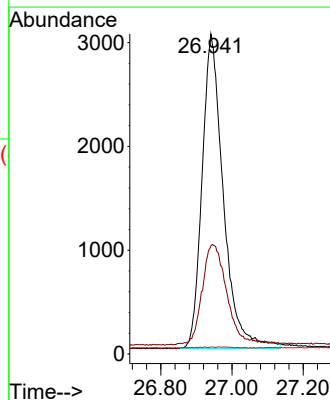
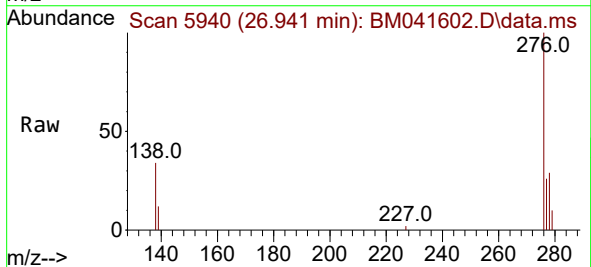
Instrument :
BNA_M
ClientSampleId :
SLCS123

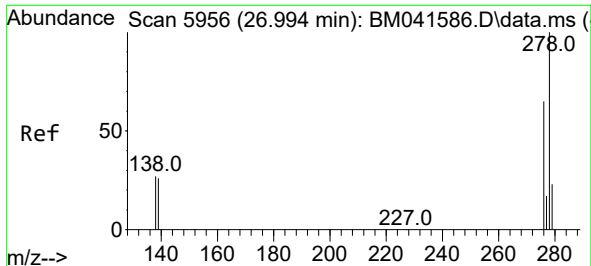
Tgt Ion:	252	Resp:	9055
Ion Ratio	Lower	Upper	
252	100		
253	29.3	20.9	31.3
125	29.0	21.1	31.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 26.941 min Scan# 5940
Delta R.T. -0.023 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Tgt Ion:	276	Resp:	12542
Ion Ratio	Lower	Upper	
276	100		
138	36.5	30.3	45.5
227	0.1	0.1	0.1

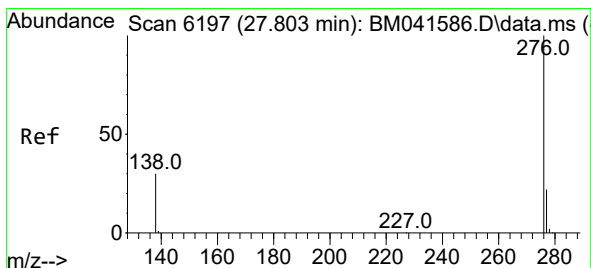
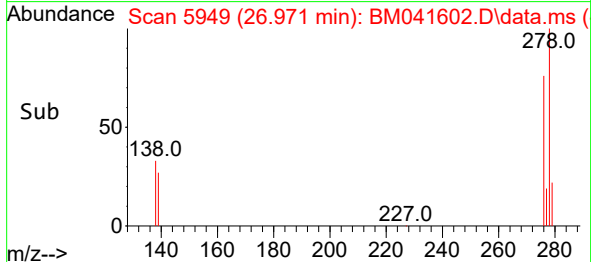
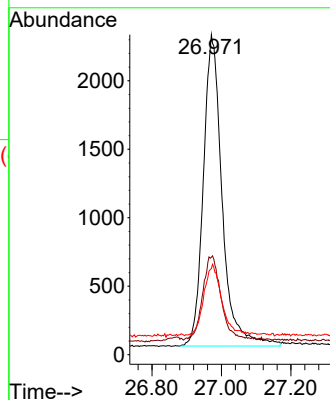
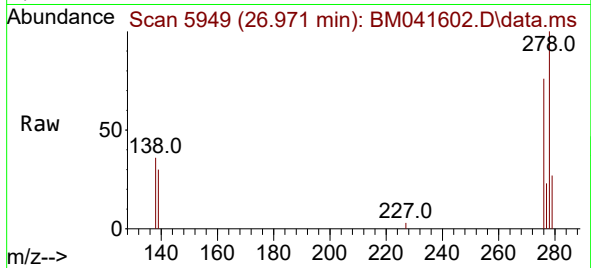




#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 26.971 min Scan# 5949
Delta R.T. -0.023 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Instrument :
BNA_M
ClientSampleId :
SLCS123

Tgt Ion:278 Resp: 8552
Ion Ratio Lower Upper
278 100
139 30.5 25.0 37.4
279 26.9 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 27.786 min Scan# 6192
Delta R.T. -0.020 min
Lab File: BM041602.D
Acq: 31 Aug 2023 05:51

Tgt Ion:276 Resp: 10793
Ion Ratio Lower Upper
276 100
138 34.6 27.4 41.0
277 26.2 20.4 30.6

