

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041636.D
 Acq On : 01 Sep 2023 03:53
 Operator : MA/JU
 Sample : PB155161BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS161

Quant Time: Sep 01 05:14:40 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 : Fri Sep 01 04:06:38 2023
 Response via : Initial Calibration

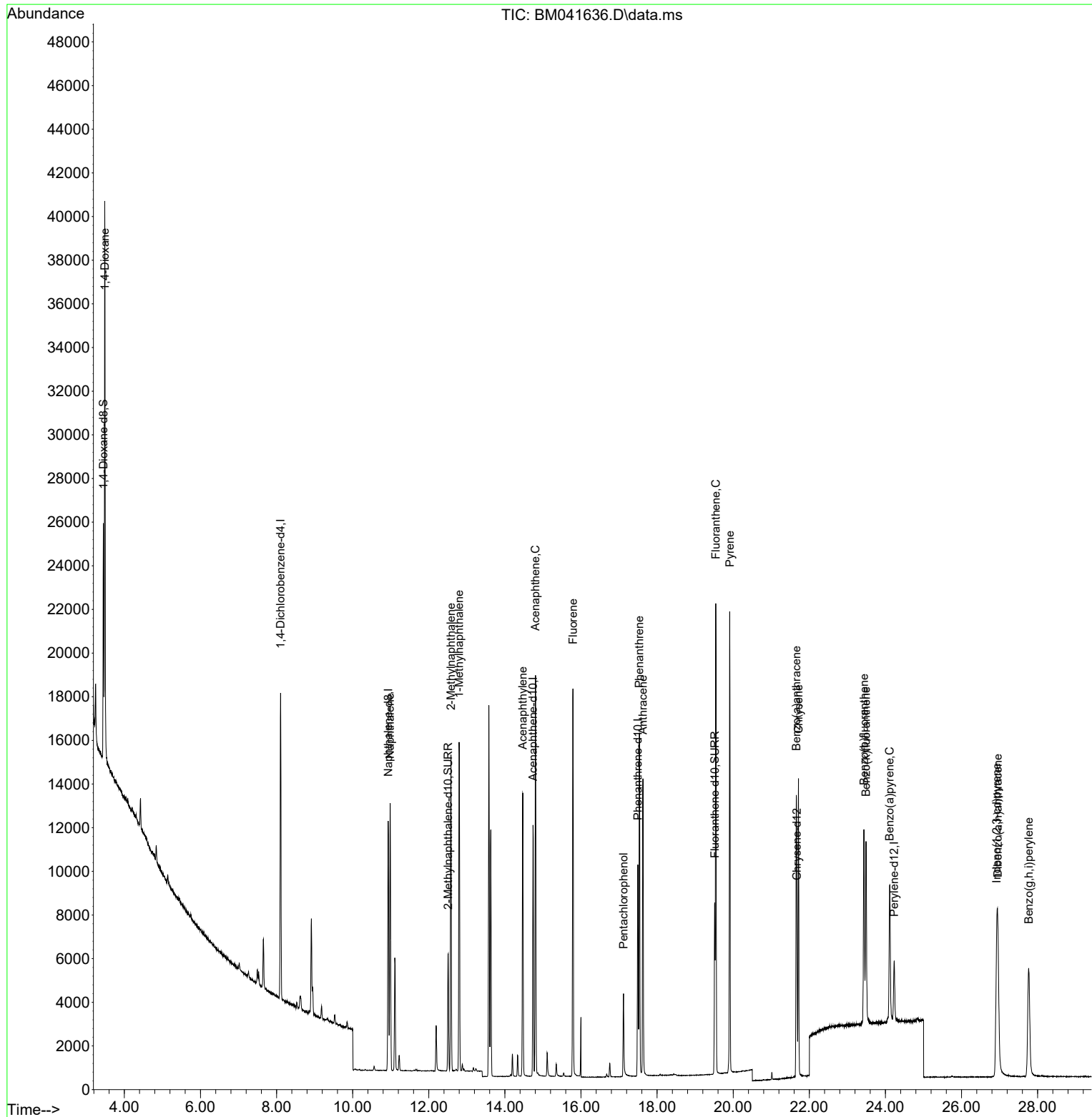
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	6904	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.933	136	14248	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.740	164	5428	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.493	188	10210	0.400	ng/ul	-0.01
17) Chrysene-d12	21.676	240	3674	0.400	ng/ul	-0.01
23) Perylene-d12	24.228	264	3965	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	6120	0.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	6486	0.377	ng/ul	-0.01
18) Fluoranthene-d10	19.515	212	6642	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	15311	1.409	ng/ul#	86
5) Naphthalene	10.983	128	16717	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.583	142	9509	0.368	ng/ul	99
8) 1-Methylnaphthalene	12.797	142	10014	0.384	ng/ul	99
10) Acenaphthylene	14.472	152	14601	0.386	ng/ul	100
11) Acenaphthene	14.805	153	10126	0.388	ng/ul	98
12) Fluorene	15.790	166	11042	0.389	ng/ul	98
14) Pentachlorophenol	17.118	266	2733	0.697	ng/ul	99
15) Phenanthrene	17.535	178	16790	0.377	ng/ul	99
16) Anthracene	17.628	178	14686	0.379	ng/ul	99
19) Fluoranthene	19.543	202	17006	0.353	ng/ul	98
20) Pyrene	19.910	202	16692	0.344	ng/ul	99
21) Benzo(a)anthracene	21.658	228	11065	0.337	ng/ul	99
22) Chrysene	21.714	228	11909	0.338	ng/ul	98
24) Benzo(b)fluoranthene	23.436	252	12104	0.329	ng/ul	100
25) Benzo(k)fluoranthene	23.488	252	11966	0.342	ng/ul	99
26) Benzo(a)pyrene	24.111	252	10600	0.323	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.924	276	14264	0.325	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.954	278	9599	0.326	ng/ul	98
29) Benzo(g,h,i)perylene	27.766	276	12337	0.336	ng/ul	99

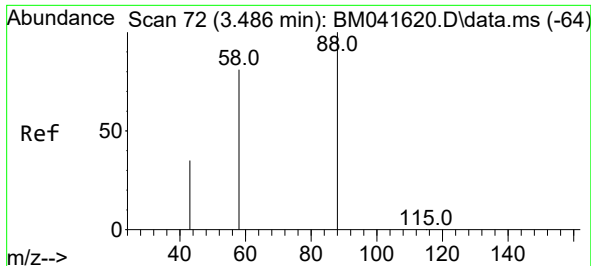
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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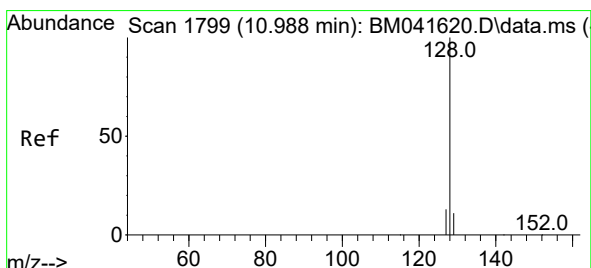
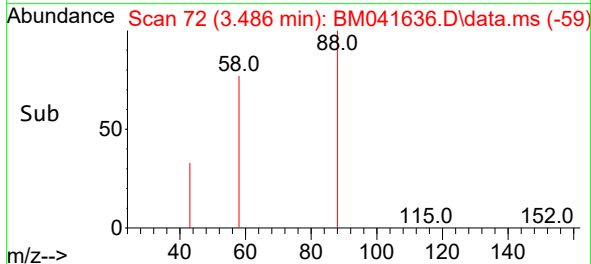
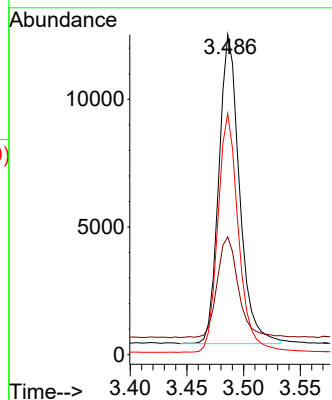
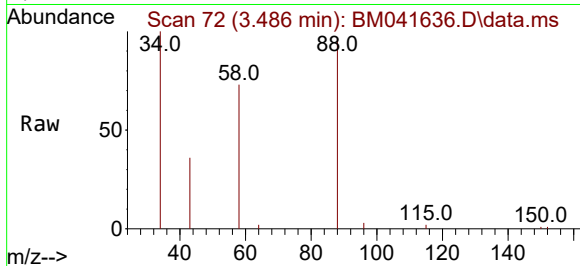




#2
1,4-Dioxane
Concen: 1.409 ng/ul
RT: 3.486 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

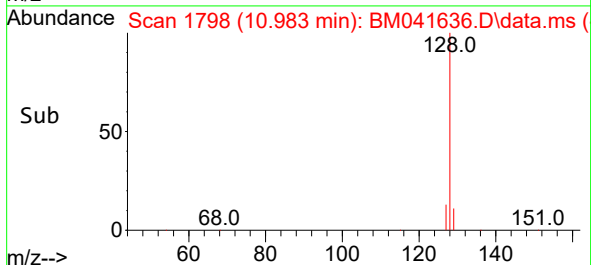
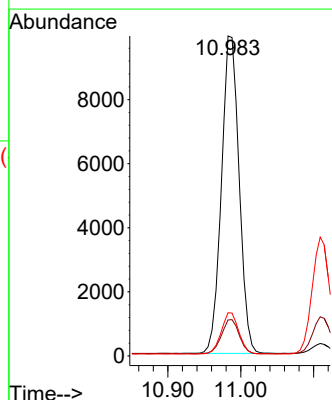
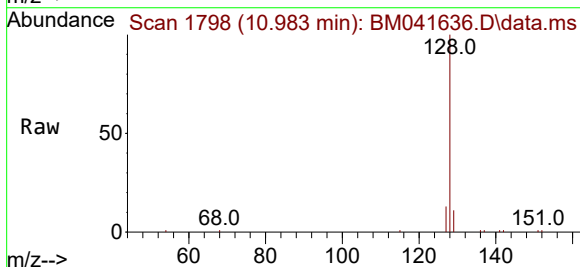
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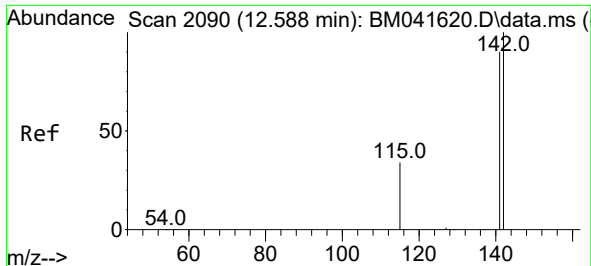
Tgt Ion: 88 Resp: 15311
Ion Ratio Lower Upper
88 100
43 36.8 46.2 69.2#
58 75.3 58.1 87.1



#5
Naphthalene
Concen: 0.367 ng/ul
RT: 10.983 min Scan# 1798
Delta R.T. -0.016 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

Tgt Ion:128 Resp: 16717
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.5 10.6 15.8

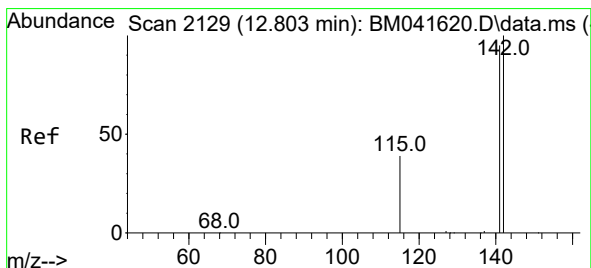
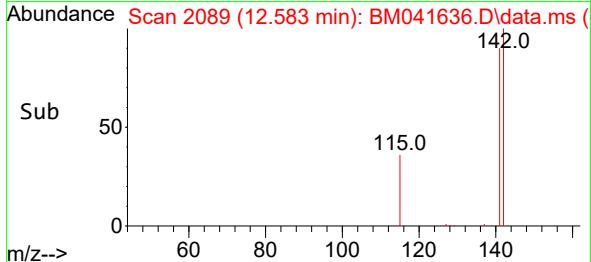
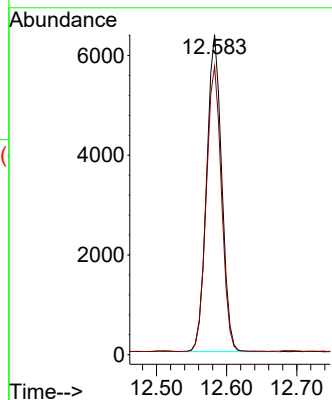
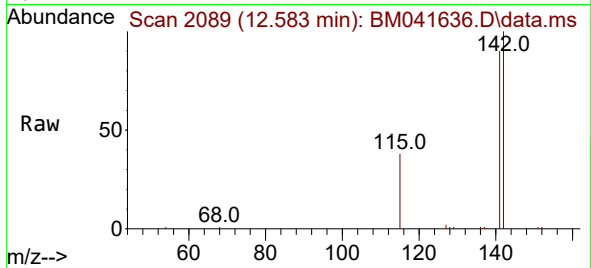




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.583 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

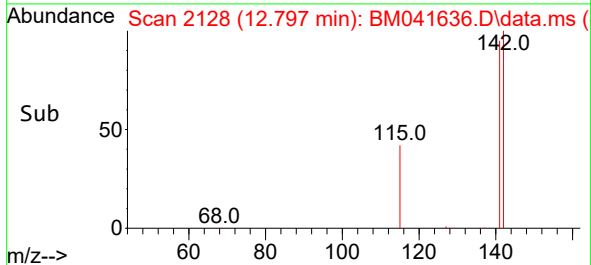
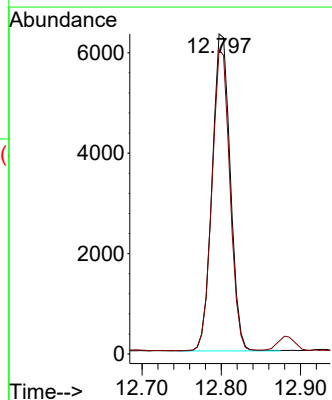
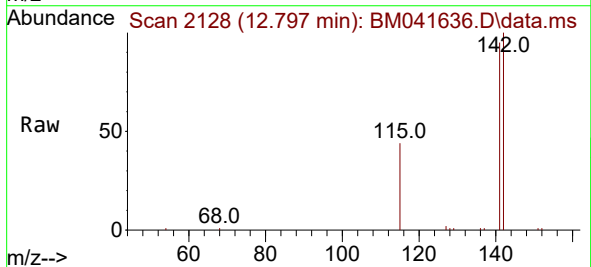
Instrument :
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ClientSampleId :
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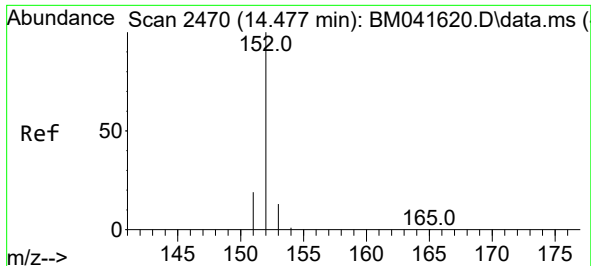
Tgt Ion:142 Resp: 9509
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.797 min Scan# 2128
Delta R.T. -0.016 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

Tgt Ion:142 Resp: 10014
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.2

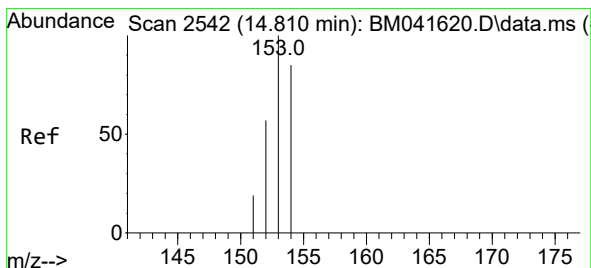
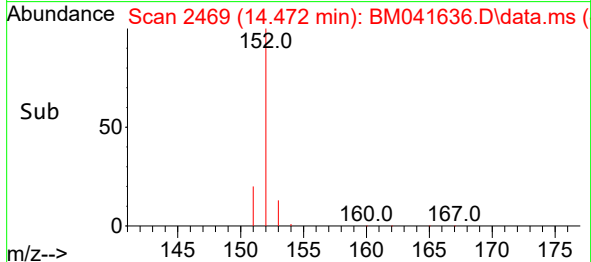
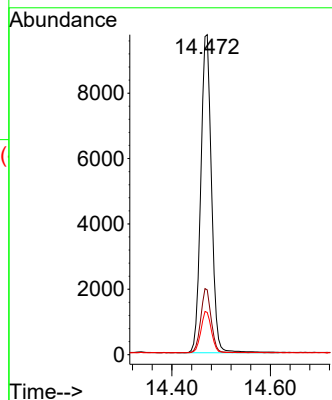
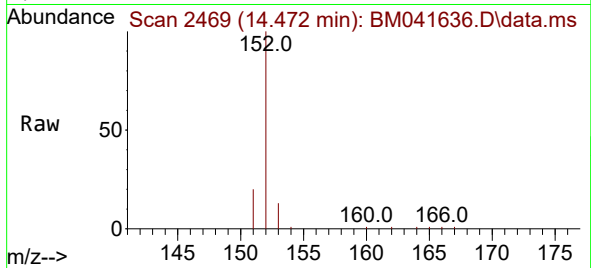




#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.472 min Scan# 2469
Delta R.T. -0.009 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

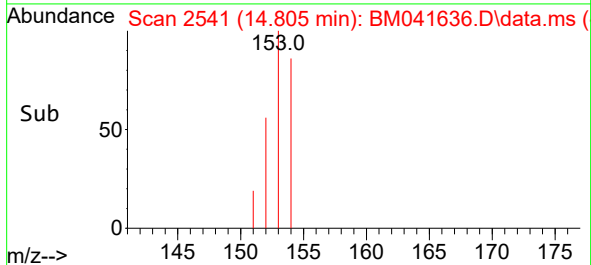
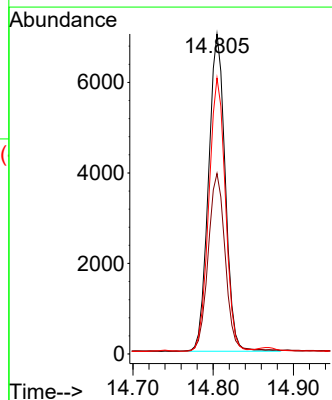
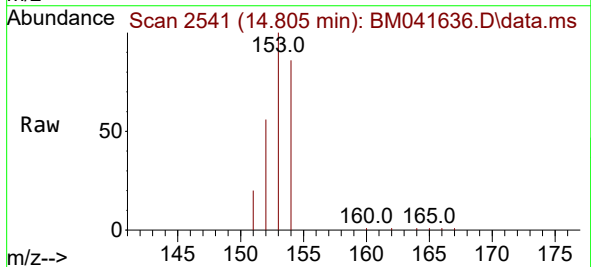
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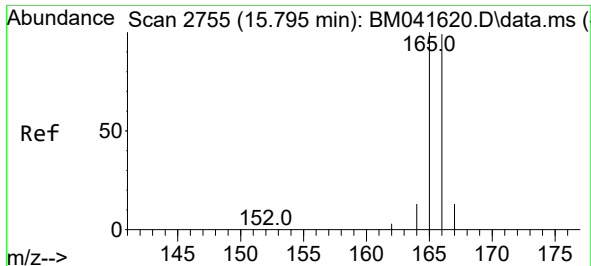
Tgt Ion:152 Resp: 14601
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.6 15.8



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.805 min Scan# 2541
Delta R.T. -0.014 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

Tgt Ion:153 Resp: 10126
Ion Ratio Lower Upper
153 100
152 56.4 43.4 65.2
154 86.2 70.2 105.2

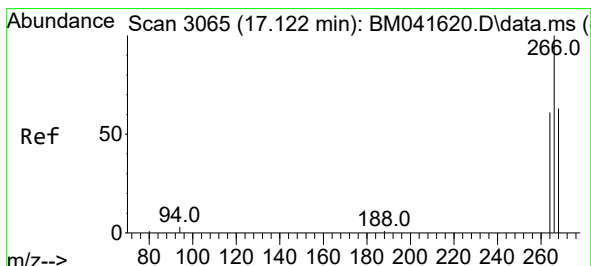
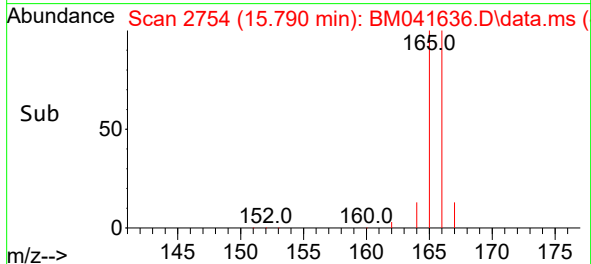
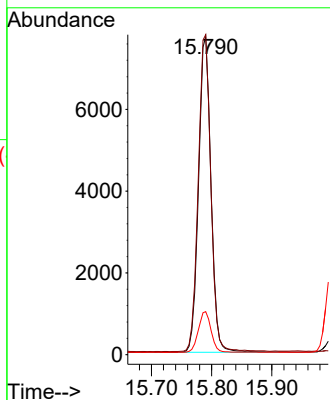
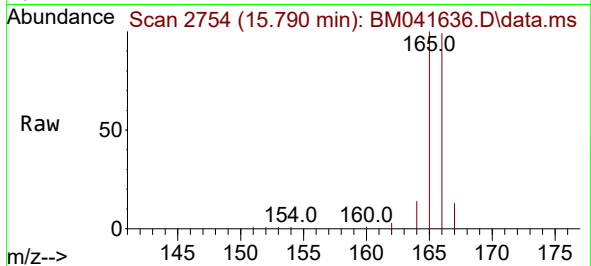




#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.790 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

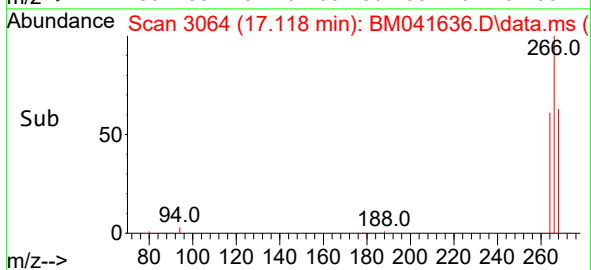
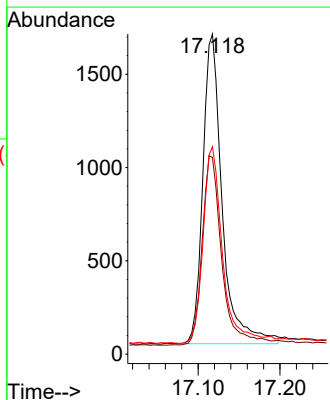
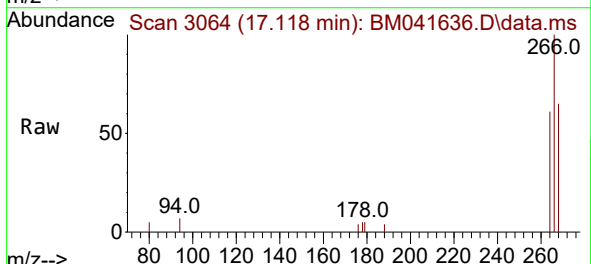
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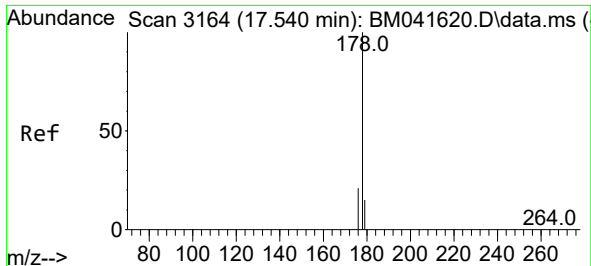
Tgt Ion:166 Resp: 11042
Ion Ratio Lower Upper
166 100
165 100.6 82.2 123.2
167 13.6 11.5 17.3



#14
Pentachlorophenol
Concen: 0.697 ng/ul
RT: 17.118 min Scan# 3064
Delta R.T. -0.008 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

Tgt Ion:266 Resp: 2733
Ion Ratio Lower Upper
266 100
264 62.2 49.3 73.9
268 64.1 50.2 75.4

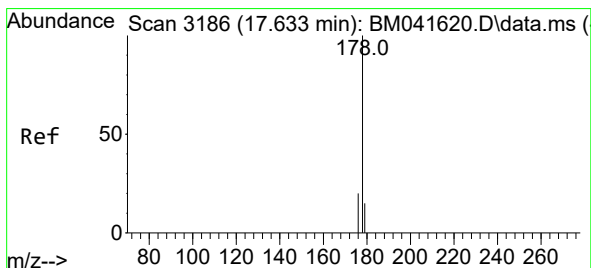
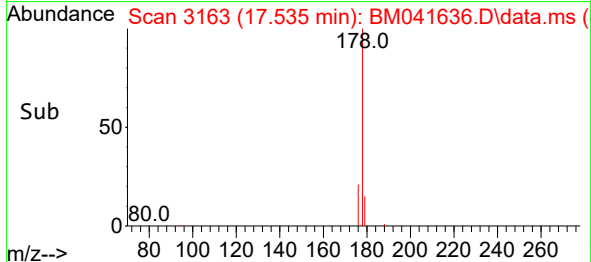
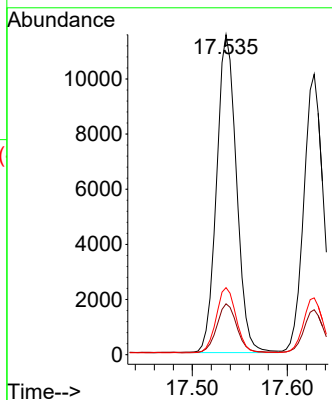
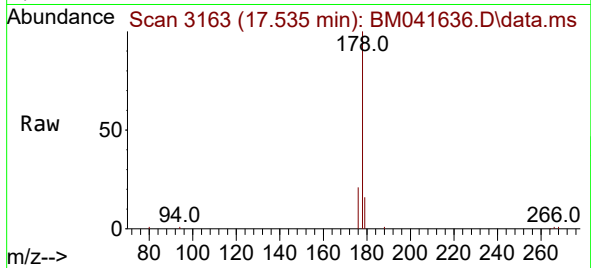




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

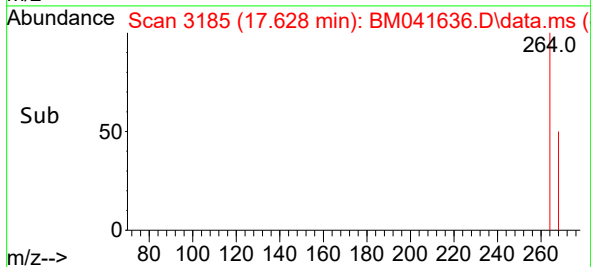
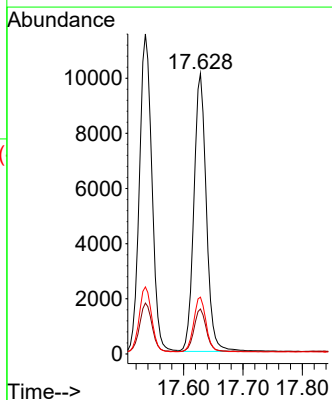
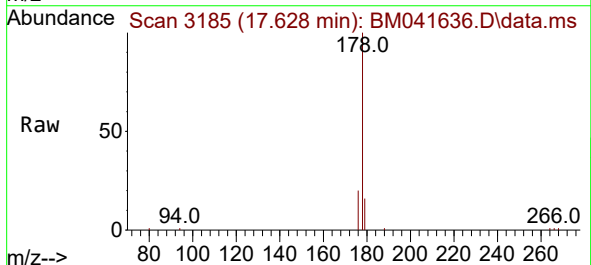
Instrument :
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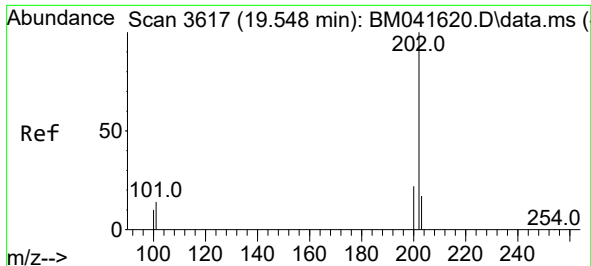
Tgt Ion:178 Resp: 16790
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 21.0 16.2 24.4



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.628 min Scan# 3185
Delta R.T. -0.013 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

Tgt Ion:178 Resp: 14686
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 20.2 15.6 23.4

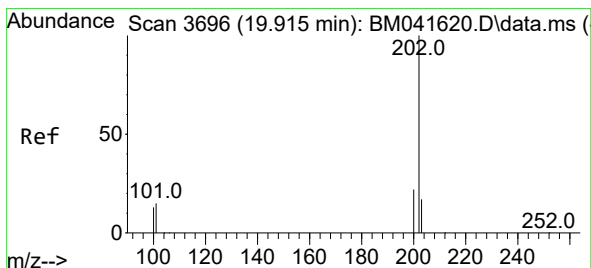
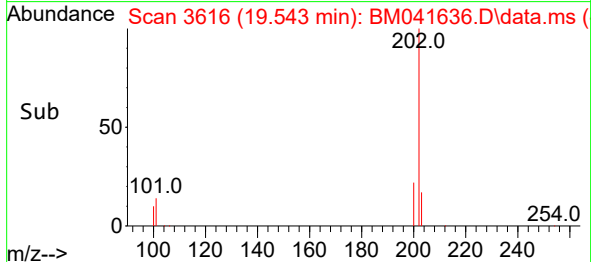
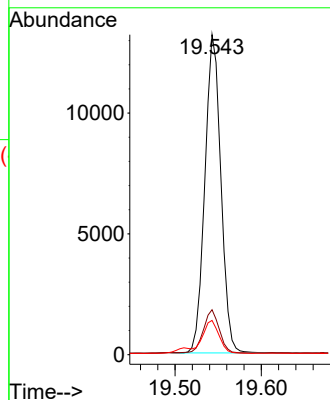
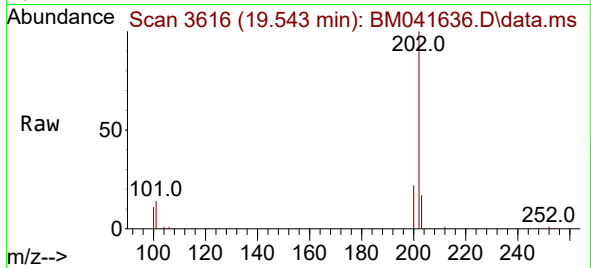




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.543 min Scan# 3616
Delta R.T. -0.014 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

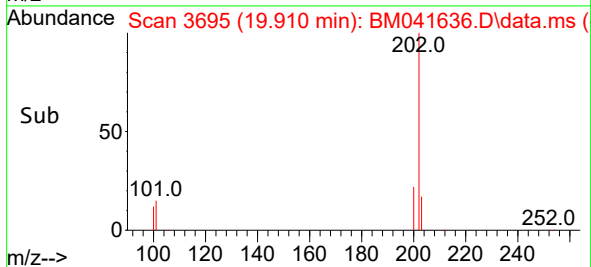
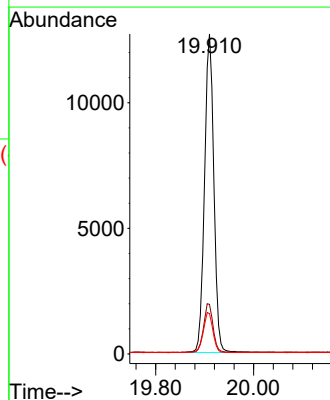
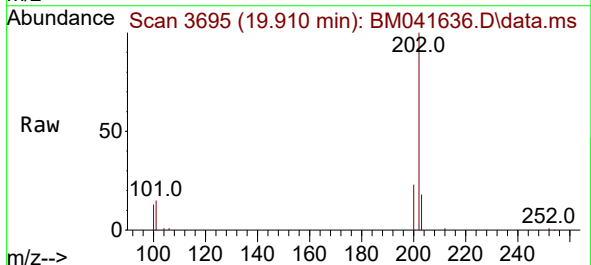
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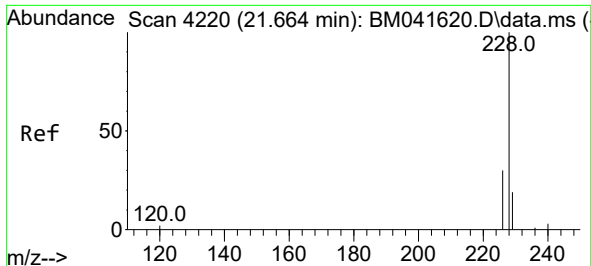
Tgt Ion:202 Resp: 17006
Ion Ratio Lower Upper
202 100
101 14.0 10.7 16.1
100 10.7 8.1 12.1



#20
Pyrene
Concen: 0.344 ng/ul
RT: 19.910 min Scan# 3695
Delta R.T. -0.014 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

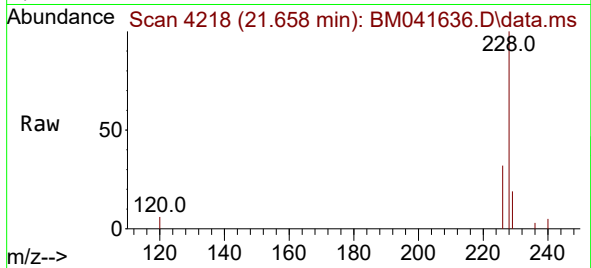
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Ion Ratio Lower Upper
202 100
101 15.5 12.2 18.4
100 12.6 9.8 14.8



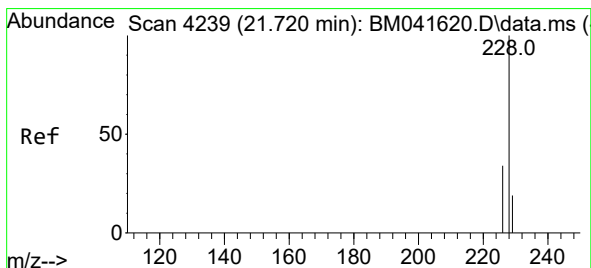
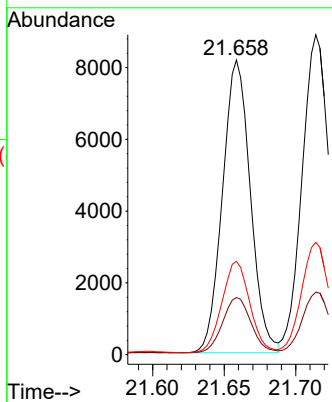
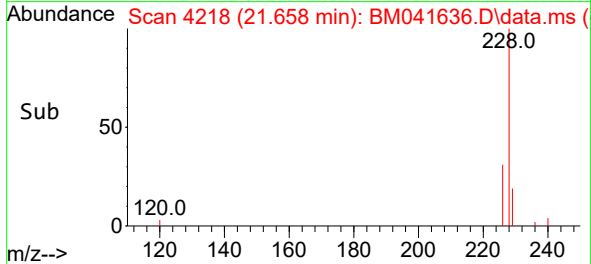


#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.658 min Scan# 4218
Delta R.T. -0.012 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

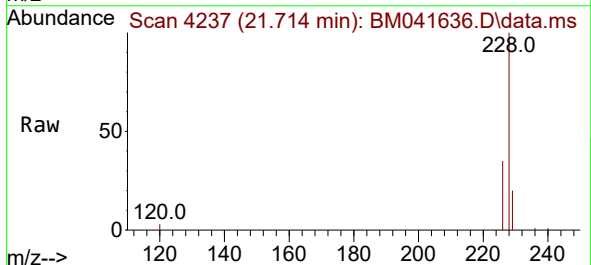
Instrument :
BNA_M
ClientSampleId :
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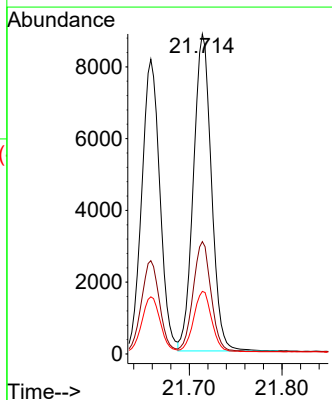
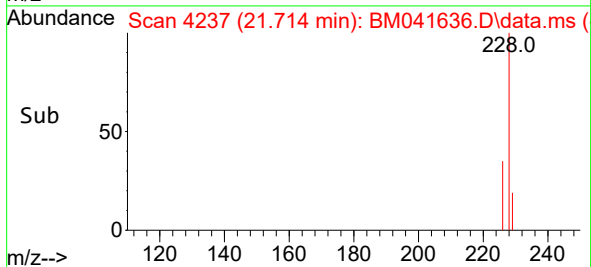
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Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 31.7 25.0 37.4

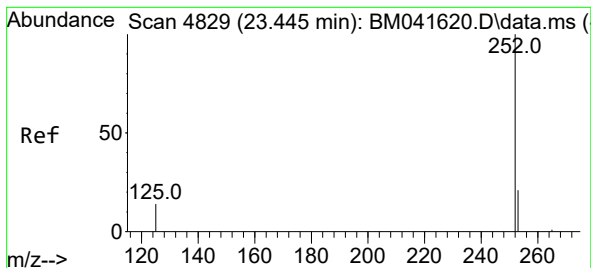


#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.714 min Scan# 4237
Delta R.T. -0.014 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53



Tgt Ion:228 Resp: 11909
Ion Ratio Lower Upper
228 100
226 35.1 26.7 40.1
229 19.6 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.329 ng/ul

RT: 23.436 min Scan# 4826

Delta R.T. -0.023 min

Lab File: BM041636.D

Acq: 01 Sep 2023 03:53

Instrument :

BNA_M

ClientSampleId :

SLCS161

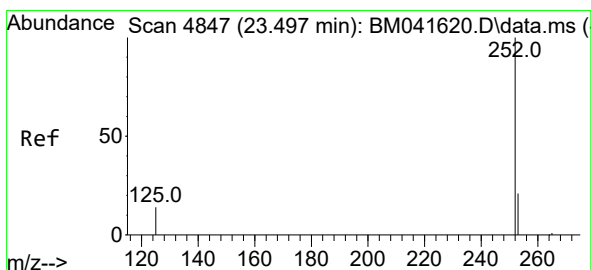
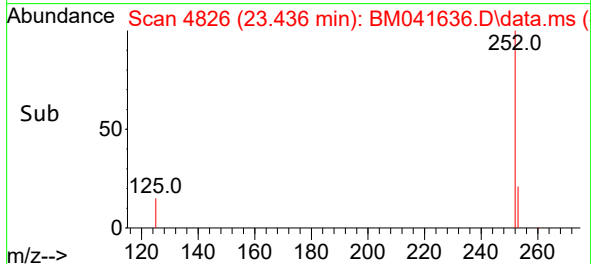
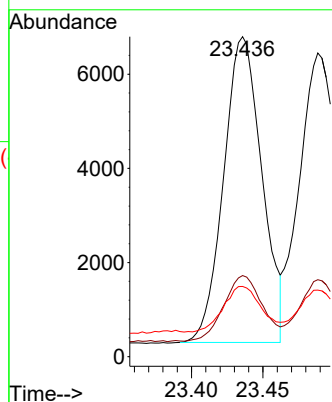
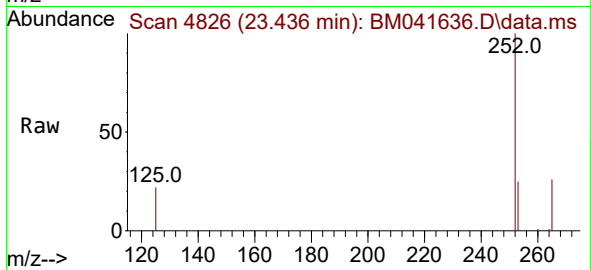
Tgt Ion:252 Resp: 12104

Ion Ratio Lower Upper

252 100

253 25.4 0.0 50.0

125 22.0 0.0 44.0



#25

Benzo(k)fluoranthene

Concen: 0.342 ng/ul

RT: 23.488 min Scan# 4844

Delta R.T. -0.023 min

Lab File: BM041636.D

Acq: 01 Sep 2023 03:53

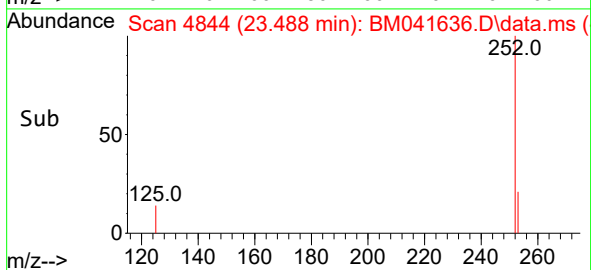
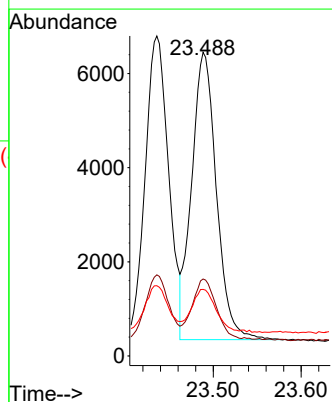
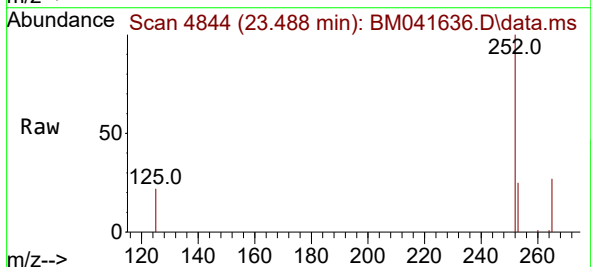
Tgt Ion:252 Resp: 11966

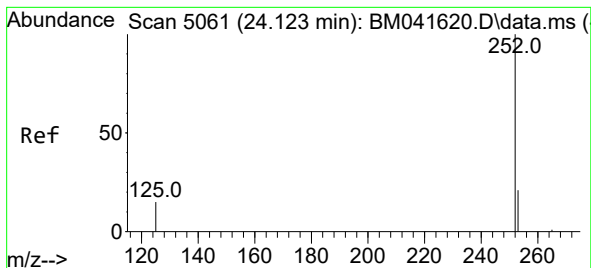
Ion Ratio Lower Upper

252 100

253 25.3 20.2 30.4

125 21.9 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.323 ng/ul

RT: 24.111 min Scan# 5061

Delta R.T. -0.026 min

Lab File: BM041636.D

Acq: 01 Sep 2023 03:53

Instrument :

BNA_M

ClientSampleId :

SLCS161

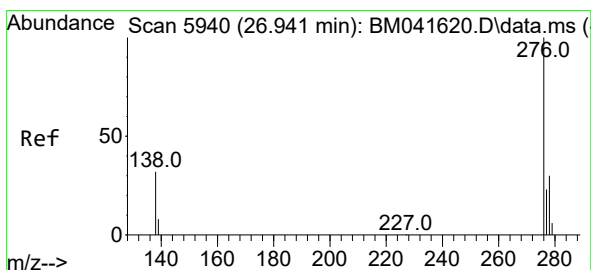
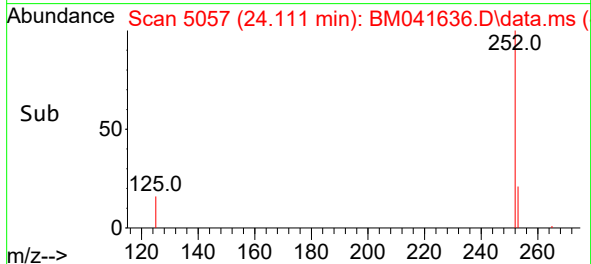
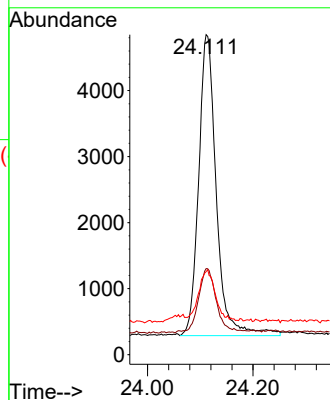
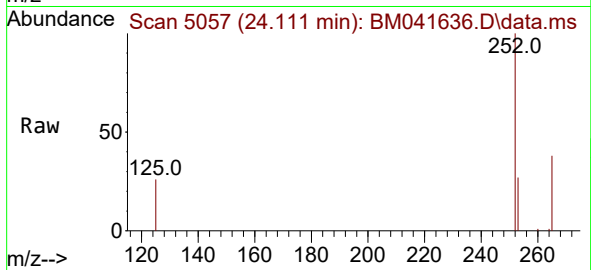
Tgt Ion:252 Resp: 10600

Ion Ratio Lower Upper

252 100

253 26.9 20.9 31.3

125 26.0 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.325 ng/ul

RT: 26.924 min Scan# 5935

Delta R.T. -0.040 min

Lab File: BM041636.D

Acq: 01 Sep 2023 03:53

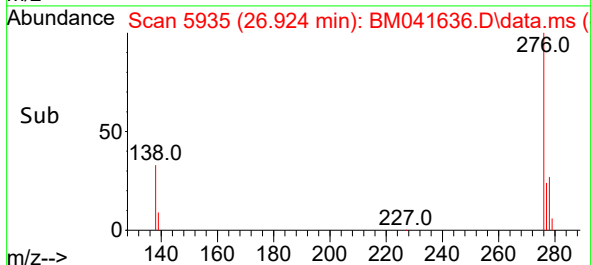
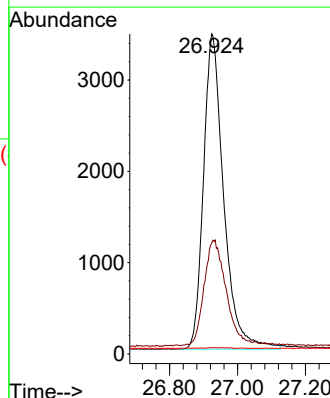
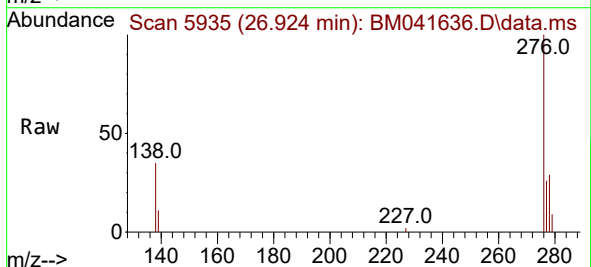
Tgt Ion:276 Resp: 14264

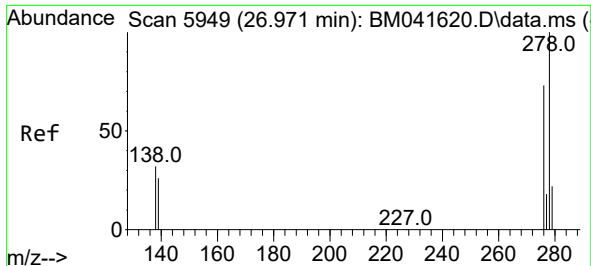
Ion Ratio Lower Upper

276 100

138 37.1 30.3 45.5

227 0.0 0.1 0.1#

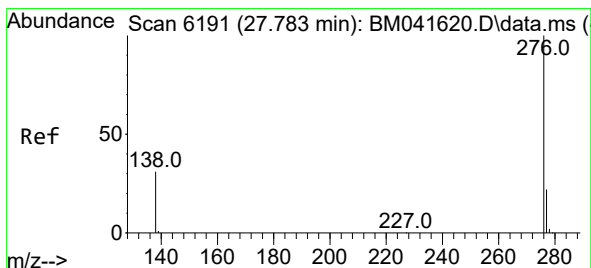
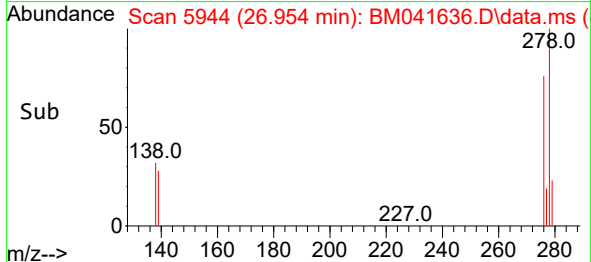
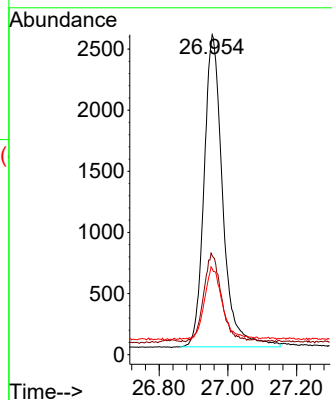
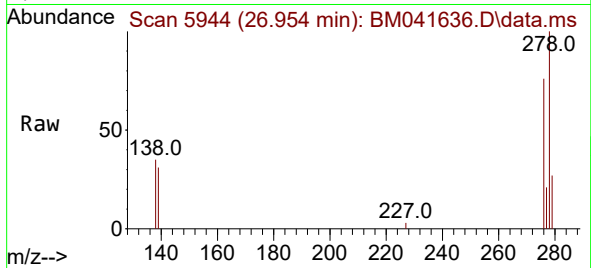




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.954 min Scan# 5944
Delta R.T. -0.040 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

Instrument :
BNA_M
ClientSampleId :
SLCS161

Tgt Ion:278 Resp: 9599
Ion Ratio Lower Upper
278 100
139 30.9 25.0 37.4
279 26.9 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 27.766 min Scan# 6186
Delta R.T. -0.040 min
Lab File: BM041636.D
Acq: 01 Sep 2023 03:53

Tgt Ion:276 Resp: 12337
Ion Ratio Lower Upper
276 100
138 34.5 27.4 41.0
277 25.2 20.4 30.6

