

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042133.D
 Acq On : 29 Sep 2023 02:16
 Operator : MA/JU
 Sample : PB155752BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS752

Quant Time: Sep 29 04:42:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

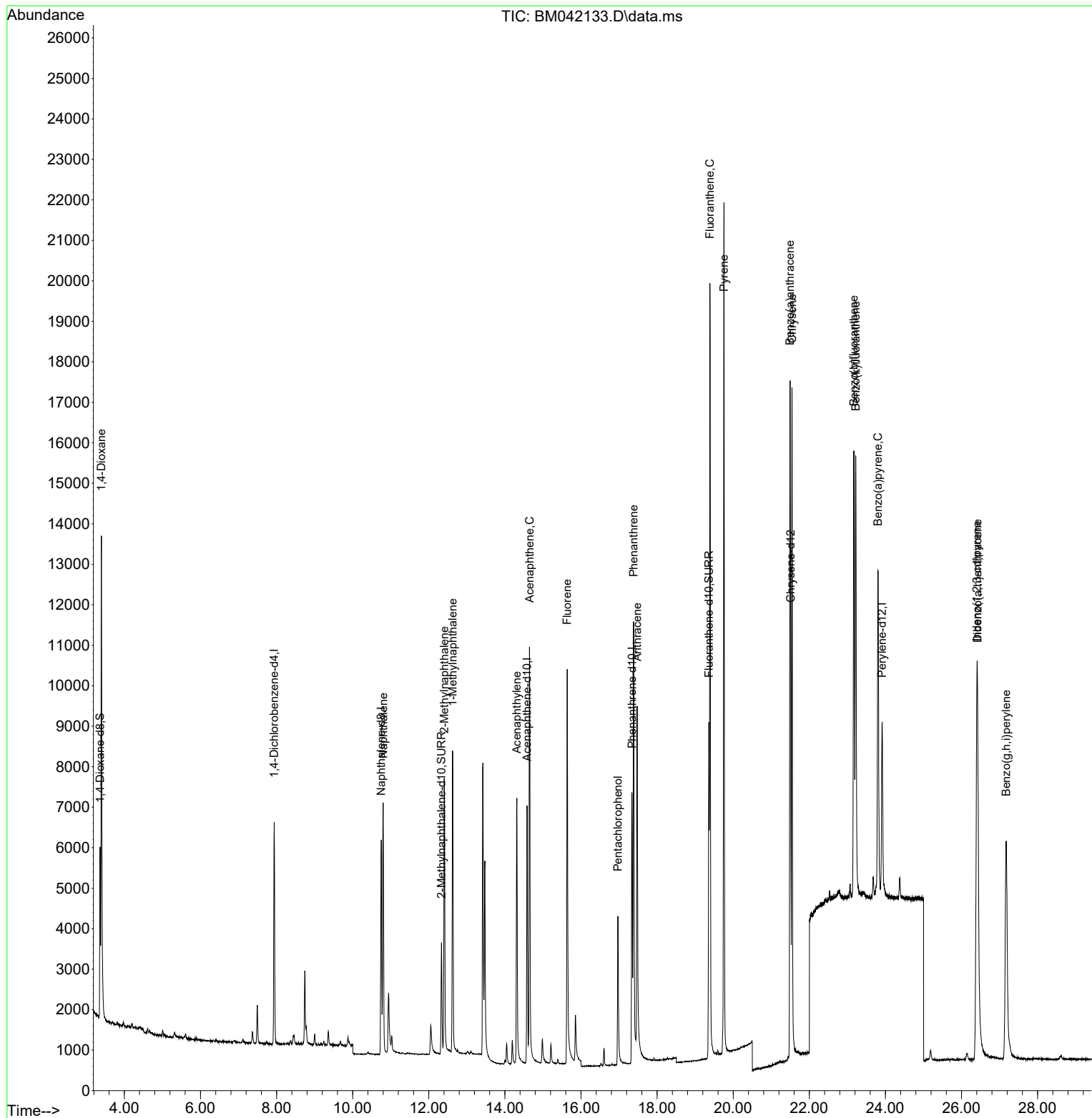
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	2821	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	7189	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	3647	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	8174	0.400	ng/ul	0.00
17) Chrysene-d12	21.510	240	5965	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	6326	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2722	0.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3813	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	8004	0.326	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.398	88	8003	1.979	ng/ul#	87
5) Naphthalene	10.801	128	8688	0.361	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	5397	0.376	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	5297	0.363	ng/ul	100
10) Acenaphthylene	14.315	152	8980	0.367	ng/ul	99
11) Acenaphthene	14.648	153	6533	0.349	ng/ul	99
12) Fluorene	15.638	166	7489	0.355	ng/ul	99
14) Pentachlorophenol	16.970	266	2877	0.665	ng/ul	99
15) Phenanthrene	17.384	178	12967	0.342	ng/ul	99
16) Anthracene	17.476	178	11473	0.350	ng/ul	99
19) Fluoranthene	19.390	202	16297	0.242	ng/ul	100
20) Pyrene	19.757	202	17312	0.261	ng/ul	97
21) Benzo(a)anthracene	21.492	228	14226	0.315	ng/ul	99
22) Chrysene	21.545	228	14537	0.311	ng/ul	99
24) Benzo(b)fluoranthene	23.170	252	14794	0.304	ng/ul	98
25) Benzo(k)fluoranthene	23.219	252	14907	0.315	ng/ul	98
26) Benzo(a)pyrene	23.804	252	13308	0.332	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.401	276	16009	0.291	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.421	278	11885	0.299	ng/ul	97
29) Benzo(g,h,i)perylene	27.172	276	13308	0.288	ng/ul	98

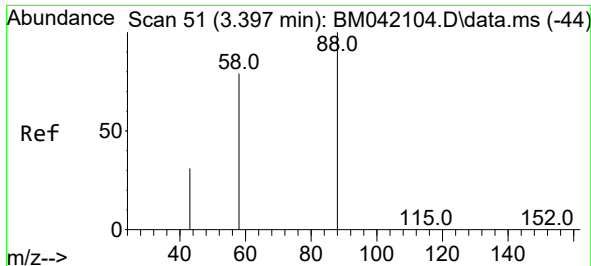
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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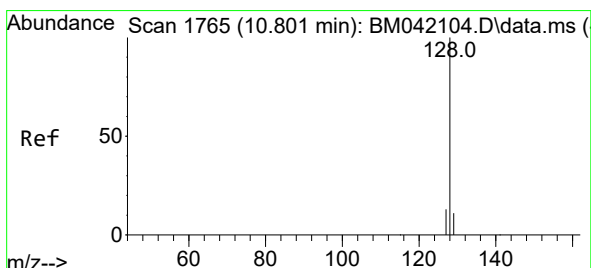
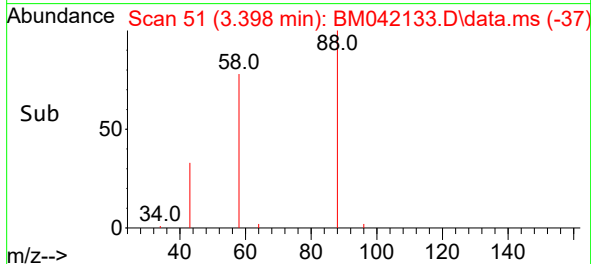
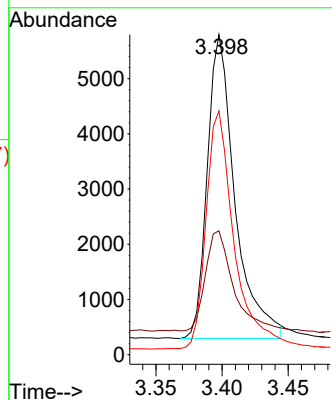
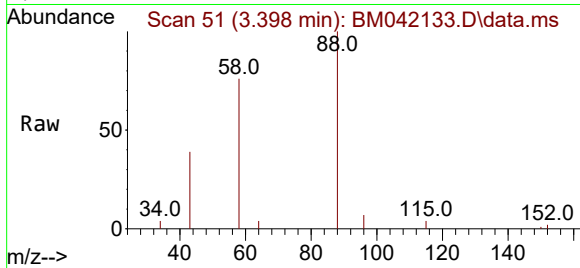




#2
1,4-Dioxane
Concen: 1.979 ng/ul
RT: 3.398 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

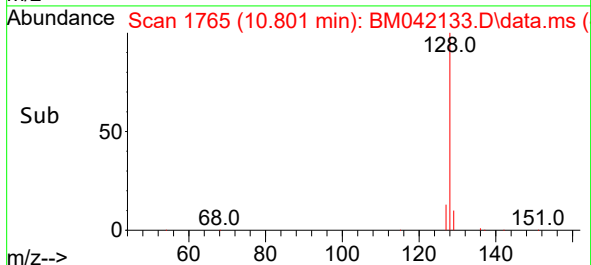
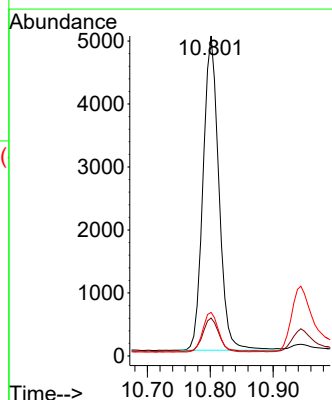
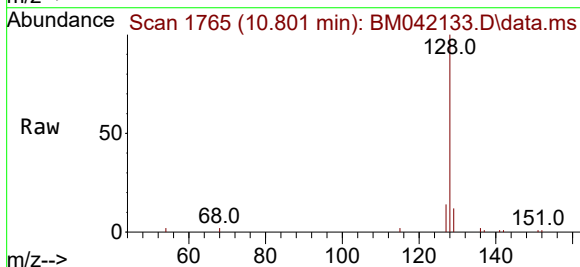
Instrument :
BNA_M
ClientSampleId :
SLCS752

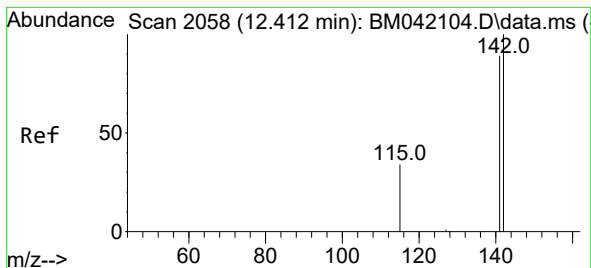
Tgt Ion: 88 Resp: 8003
Ion Ratio Lower Upper
88 100
43 38.7 42.9 64.3#
58 76.1 56.4 84.6



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Tgt Ion: 128 Resp: 8688
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.8 16.2

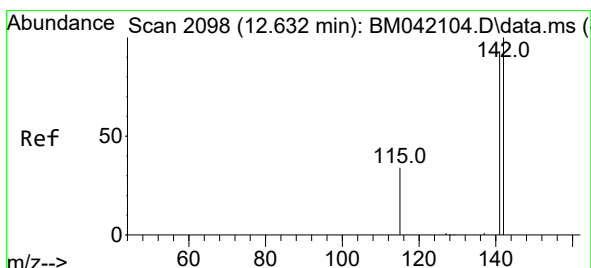
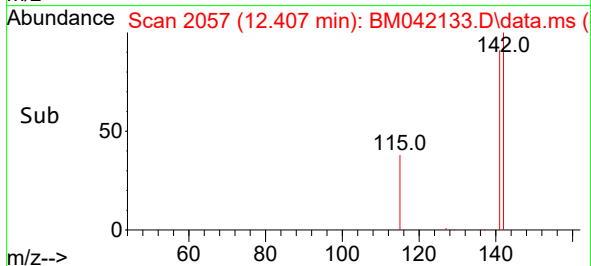
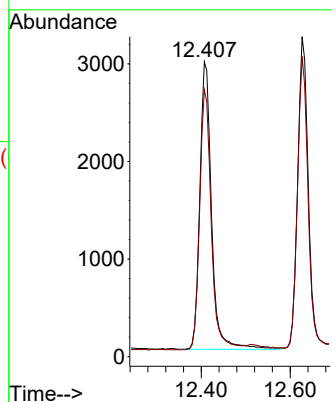
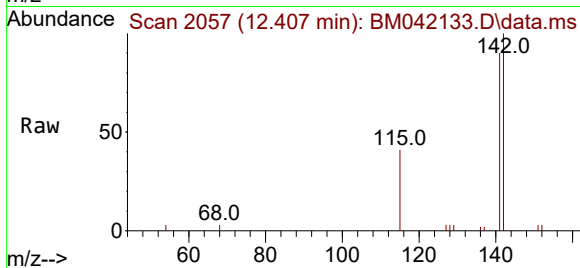




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

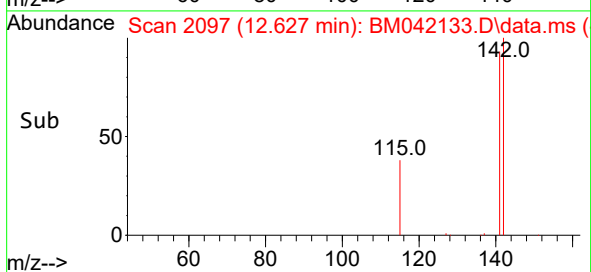
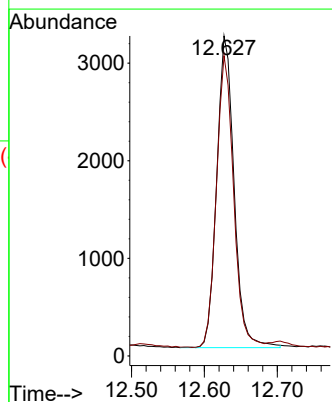
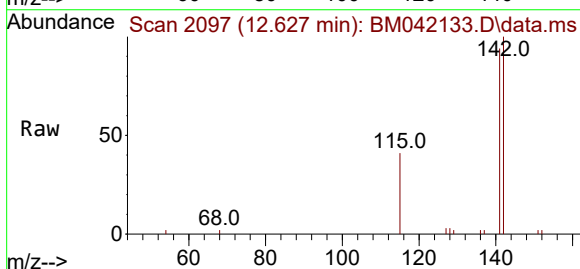
Instrument :
BNA_M
ClientSampleId :
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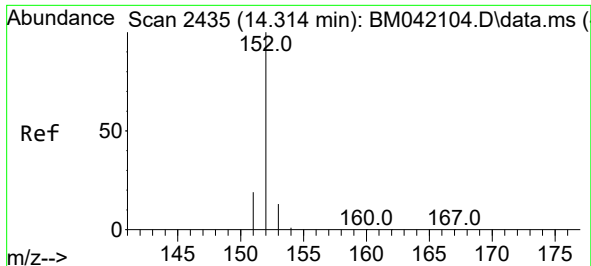
Tgt Ion:142 Resp: 5397
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Tgt Ion:142 Resp: 5297
Ion Ratio Lower Upper
142 100
141 93.5 75.1 112.7

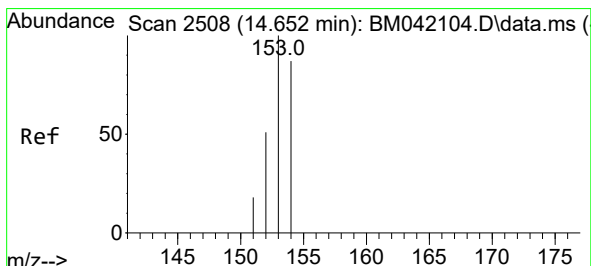
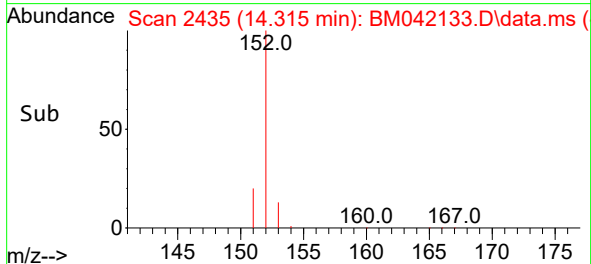
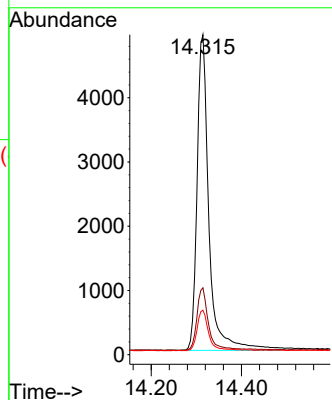
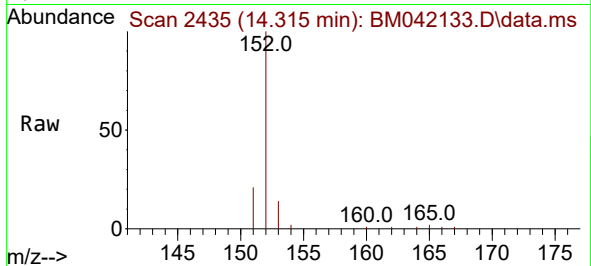




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

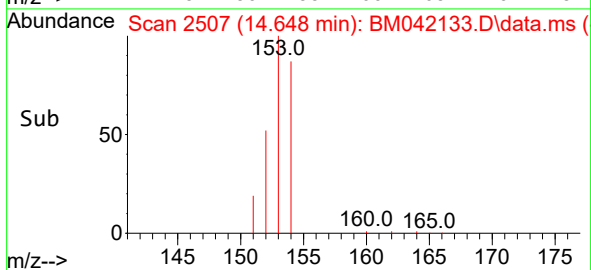
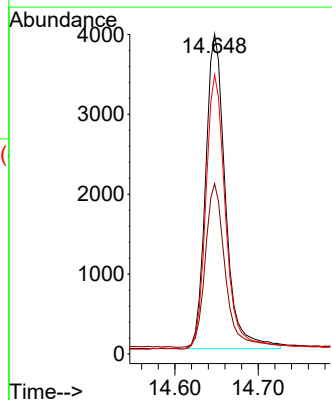
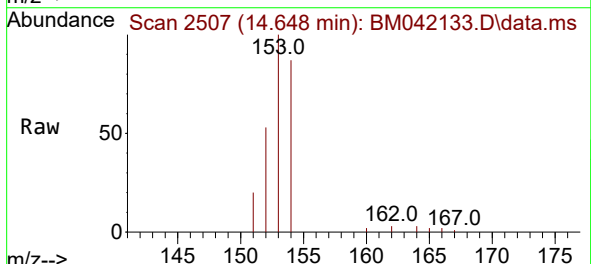
Instrument :
BNA_M
ClientSampleId :
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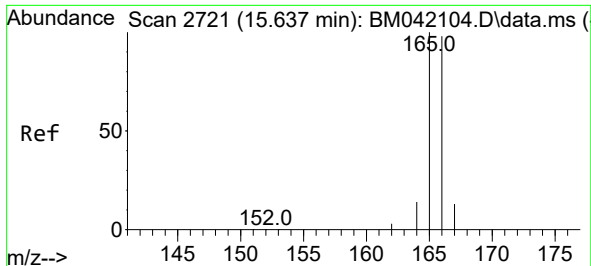
Tgt Ion:152 Resp: 8980
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Tgt Ion:153 Resp: 6533
Ion Ratio Lower Upper
153 100
152 53.2 41.8 62.8
154 87.2 69.0 103.6

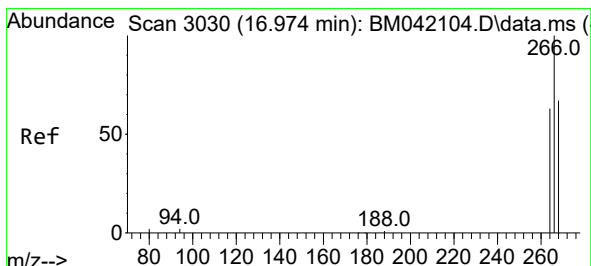
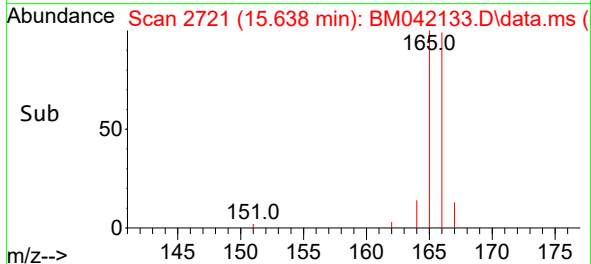
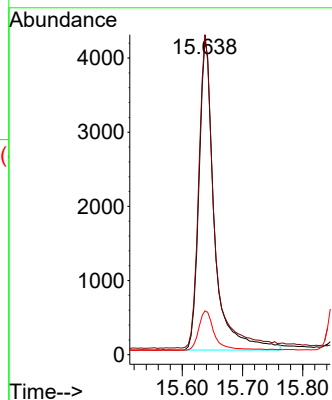
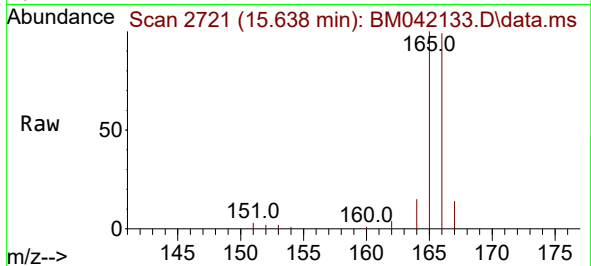




#12
 Fluorene
 Concen: 0.355 ng/ul
 RT: 15.638 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042133.D
 Acq: 29 Sep 2023 02:16

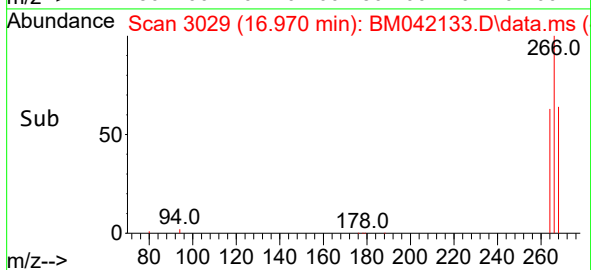
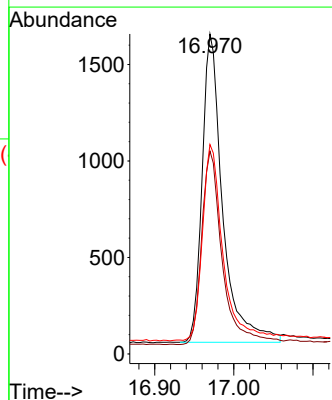
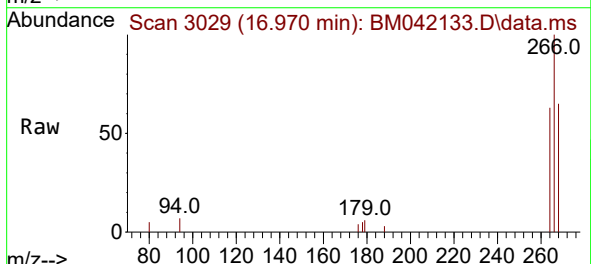
Instrument :
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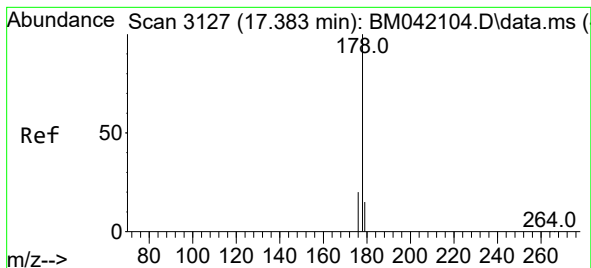
Tgt Ion:166 Resp: 7489
 Ion Ratio Lower Upper
 166 100
 165 101.3 79.8 119.8
 167 13.9 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.665 ng/ul
 RT: 16.970 min Scan# 3029
 Delta R.T. -0.004 min
 Lab File: BM042133.D
 Acq: 29 Sep 2023 02:16

Tgt Ion:266 Resp: 2877
 Ion Ratio Lower Upper
 266 100
 264 63.2 50.2 75.4
 268 64.6 51.0 76.4





#15

Phenanthrene

Concen: 0.342 ng/ul

RT: 17.384 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM042133.D

Acq: 29 Sep 2023 02:16

Instrument :

BNA_M

ClientSampleId :

SLCS752

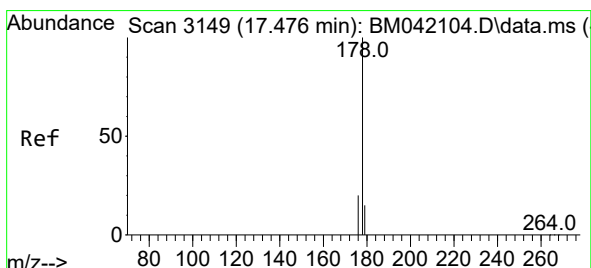
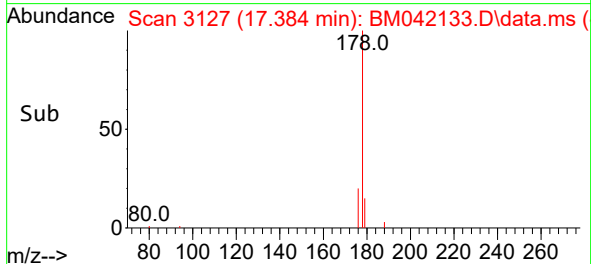
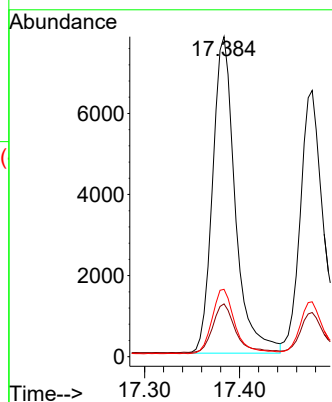
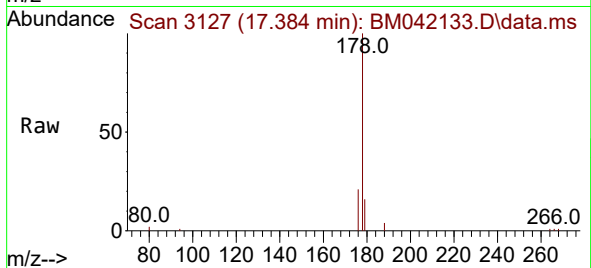
Tgt Ion:178 Resp: 12967

Ion Ratio Lower Upper

178 100

179 16.5 12.7 19.1

176 21.0 16.6 24.8



#16

Anthracene

Concen: 0.350 ng/ul

RT: 17.476 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BM042133.D

Acq: 29 Sep 2023 02:16

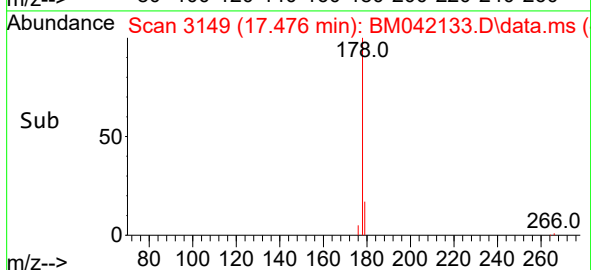
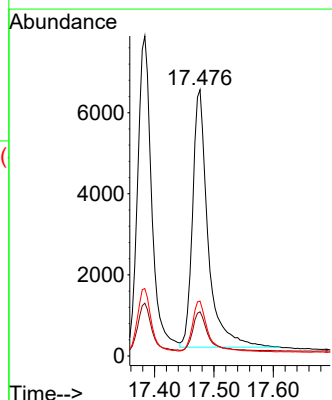
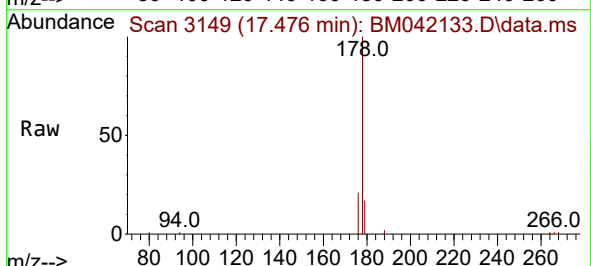
Tgt Ion:178 Resp: 11473

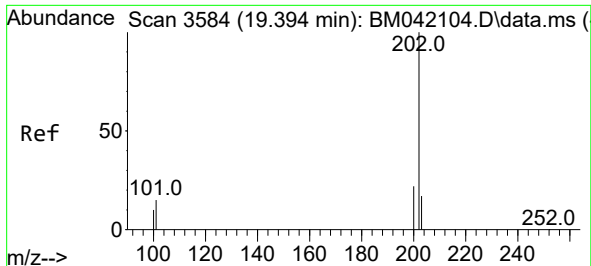
Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 20.6 16.2 24.2

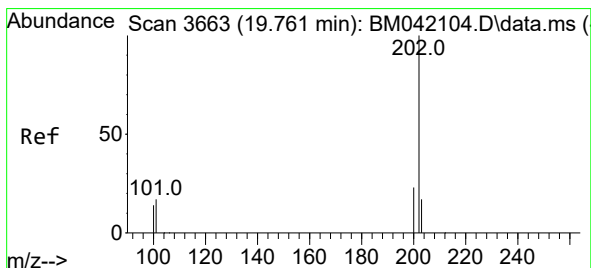
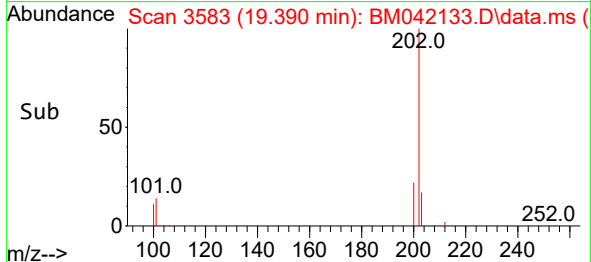
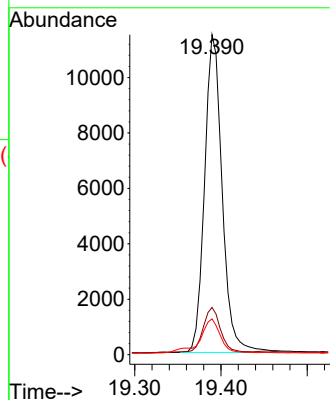
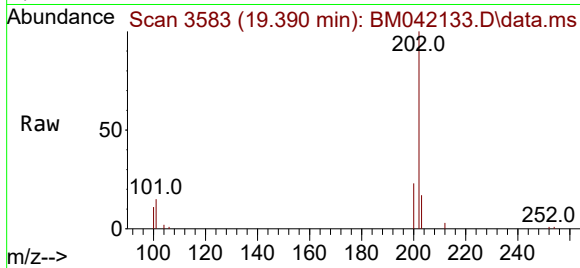




#19
Fluoranthene
Concen: 0.242 ng/ul
RT: 19.390 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

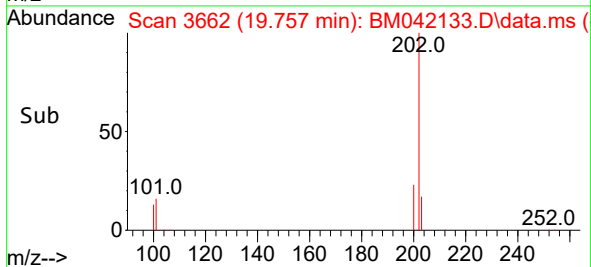
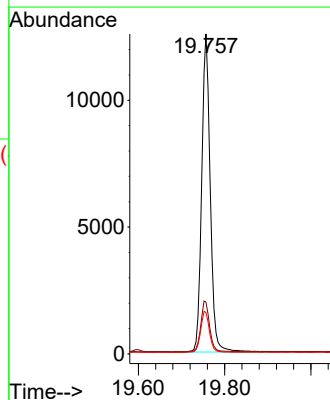
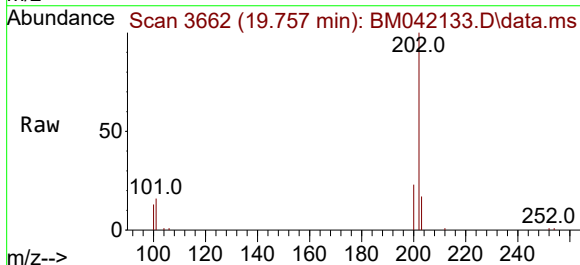
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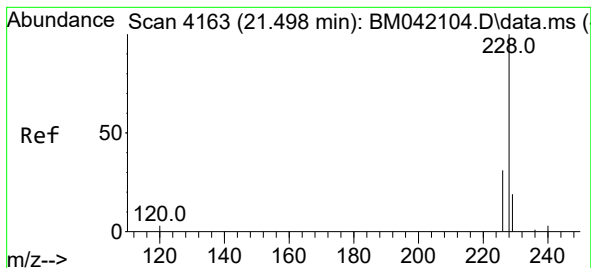
Tgt Ion:202 Resp: 16297
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 11.2 9.1 13.7



#20
Pyrene
Concen: 0.261 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Tgt Ion:202 Resp: 17312
Ion Ratio Lower Upper
202 100
101 16.2 14.1 21.1
100 13.0 11.4 17.0





#21

Benzo(a)anthracene

Concen: 0.315 ng/ul

RT: 21.492 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM042133.D

Acq: 29 Sep 2023 02:16

Instrument :

BNA_M

ClientSampleId :

SLCS752

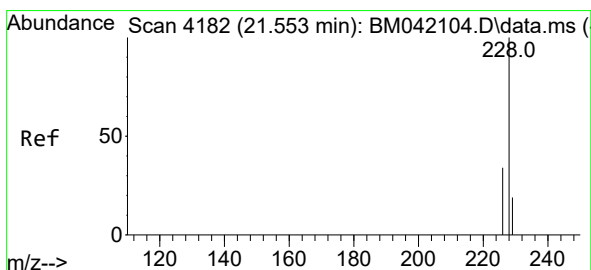
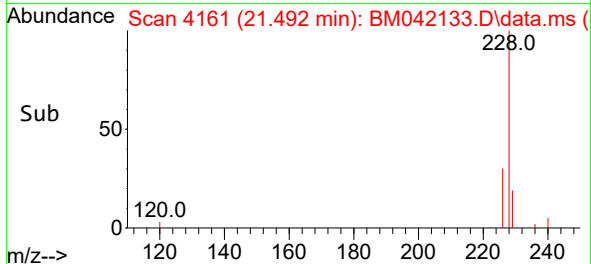
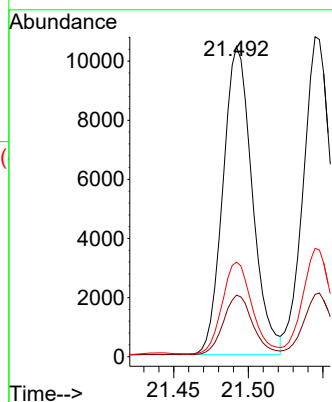
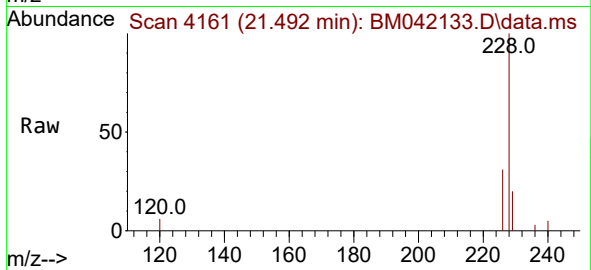
Tgt Ion:228 Resp: 14226

Ion Ratio Lower Upper

228 100

229 19.8 15.5 23.3

226 30.5 24.8 37.2



#22

Chrysene

Concen: 0.311 ng/ul

RT: 21.545 min Scan# 4179

Delta R.T. -0.006 min

Lab File: BM042133.D

Acq: 29 Sep 2023 02:16

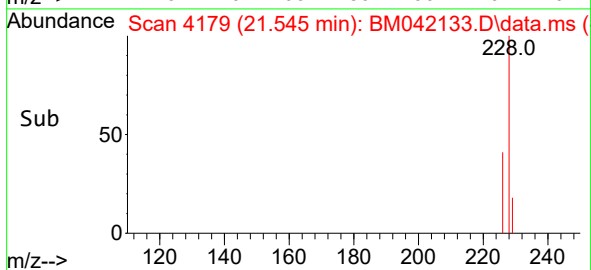
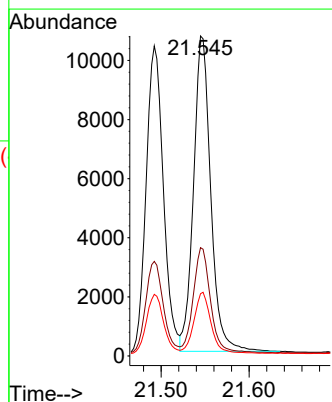
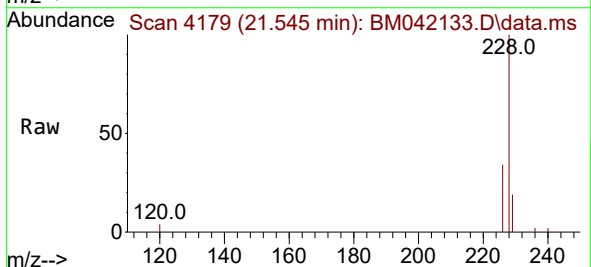
Tgt Ion:228 Resp: 14537

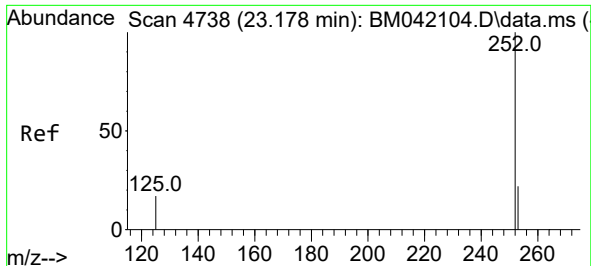
Ion Ratio Lower Upper

228 100

226 33.9 27.8 41.6

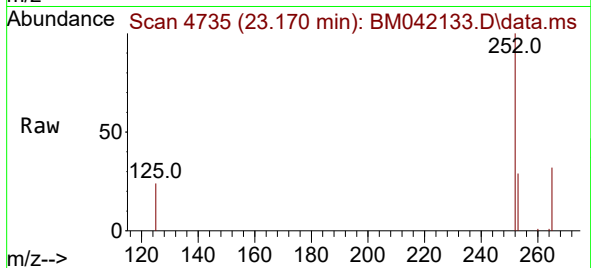
229 19.5 15.6 23.4



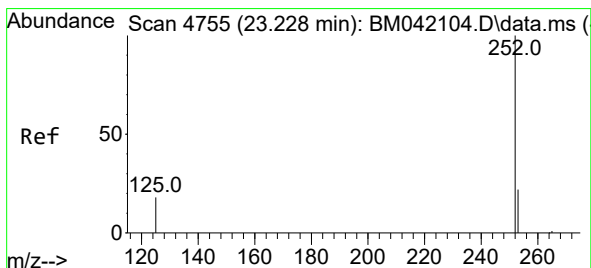
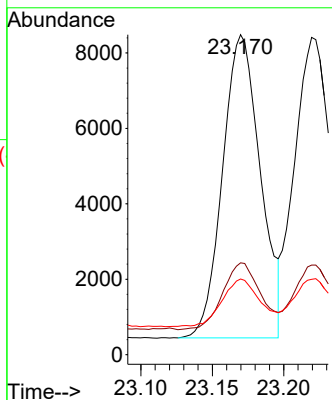
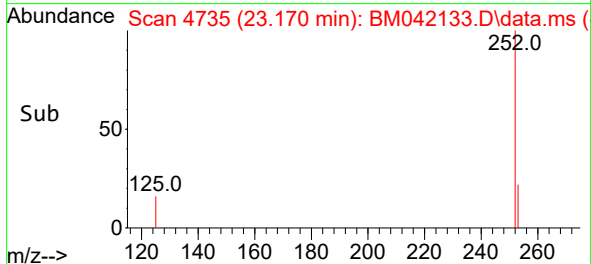


#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.170 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Instrument :
BNA_M
ClientSampleId :
SLCS752

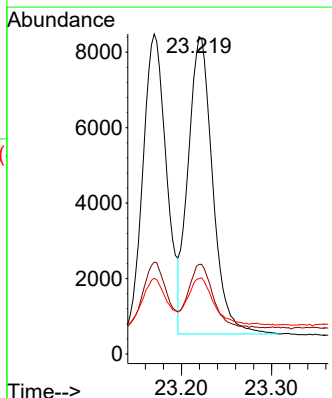
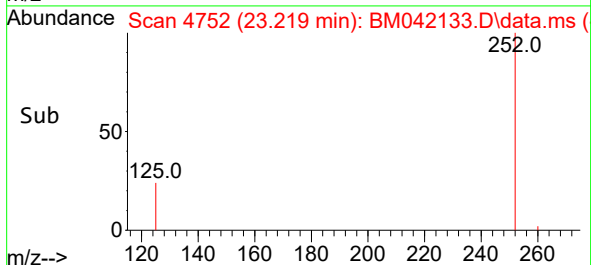
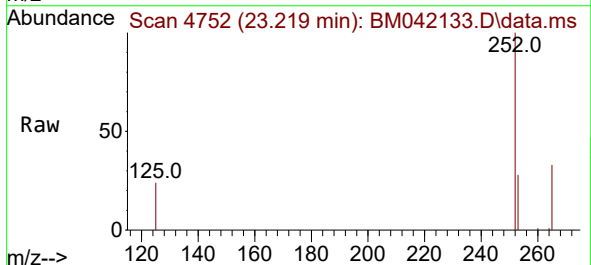


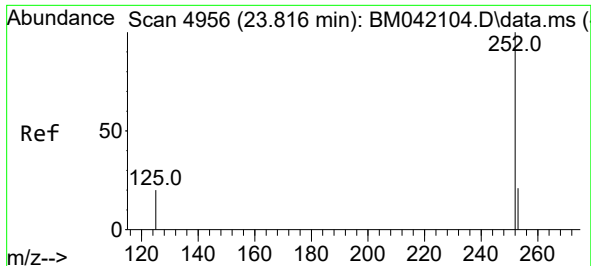
Tgt Ion:252 Resp: 14794
Ion Ratio Lower Upper
252 100
253 28.7 0.0 54.4
125 23.7 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.219 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Tgt Ion:252 Resp: 14907
Ion Ratio Lower Upper
252 100
253 28.2 21.0 31.6
125 23.8 19.0 28.6

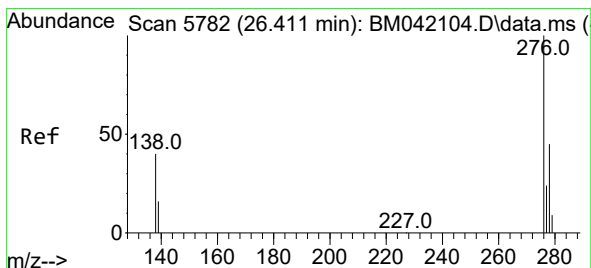
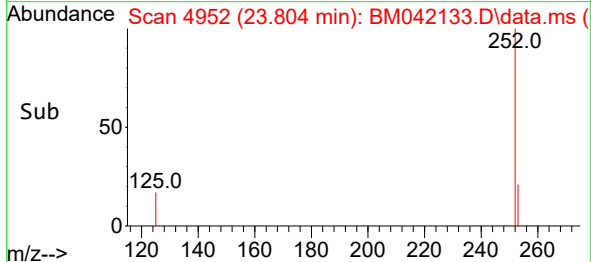
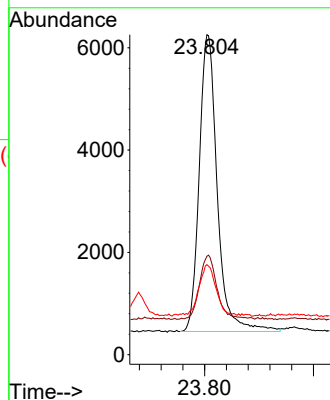
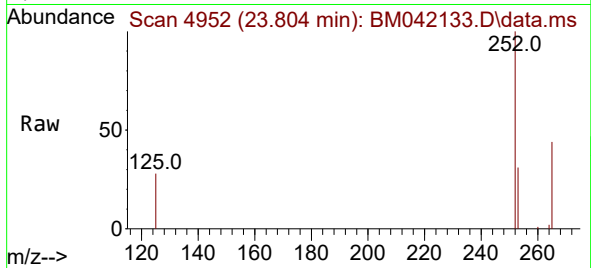




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.804 min Scan# 4956
Delta R.T. -0.003 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

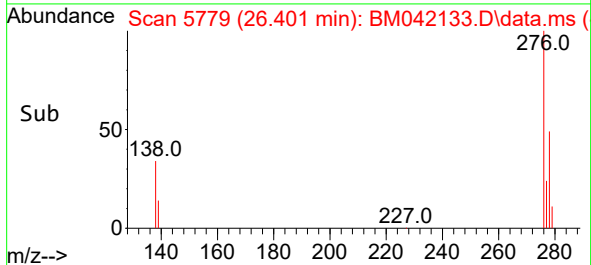
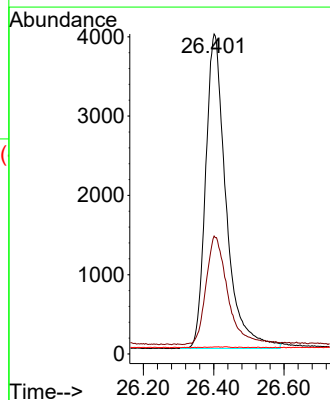
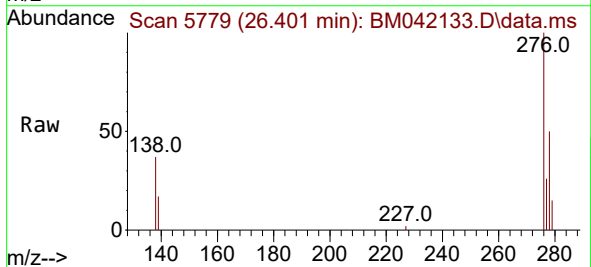
Instrument :
BNA_M
ClientSampleId :
SLCS752

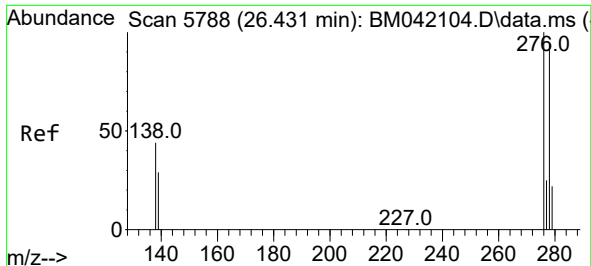
Tgt Ion:252 Resp: 13308
Ion Ratio Lower Upper
252 100
253 30.7 23.2 34.8
125 28.1 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 26.401 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Tgt Ion:276 Resp: 16009
Ion Ratio Lower Upper
276 100
138 36.7 32.1 48.1
227 0.1 0.2 0.2#

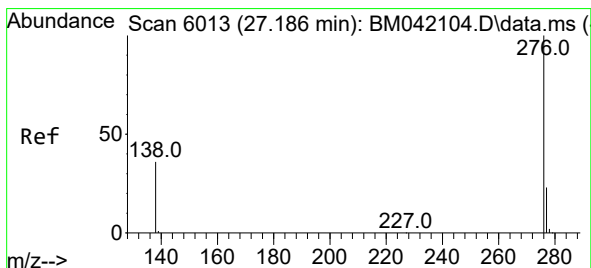
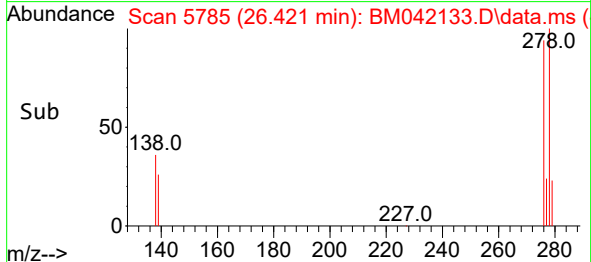
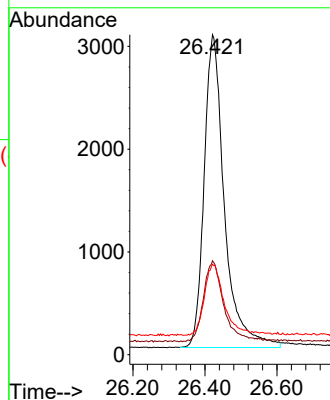
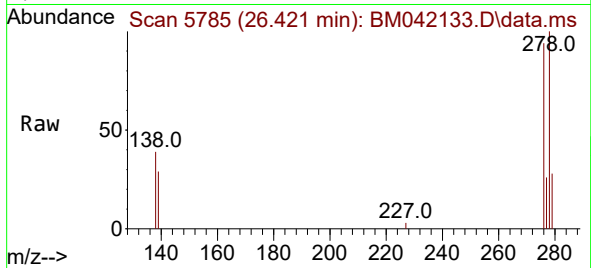




#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 26.421 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Instrument :
BNA_M
ClientSampleId :
SLCS752

Tgt Ion:278 Resp: 11885
Ion Ratio Lower Upper
278 100
139 29.4 25.0 37.6
279 28.3 21.7 32.5



#29
Benzo(g,h,i)perylene
Concen: 0.288 ng/ul
RT: 27.172 min Scan# 6009
Delta R.T. -0.007 min
Lab File: BM042133.D
Acq: 29 Sep 2023 02:16

Tgt Ion:276 Resp: 13308
Ion Ratio Lower Upper
276 100
138 35.2 29.0 43.4
277 25.7 19.6 29.4

