

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
 Data File : BM041658.D
 Acq On : 05 Sep 2023 18:19
 Operator : MA/JU
 Sample : SST0.827
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8018

Quant Time: Sep 06 02:14:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:12:18 2023
 Response via : Initial Calibration

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

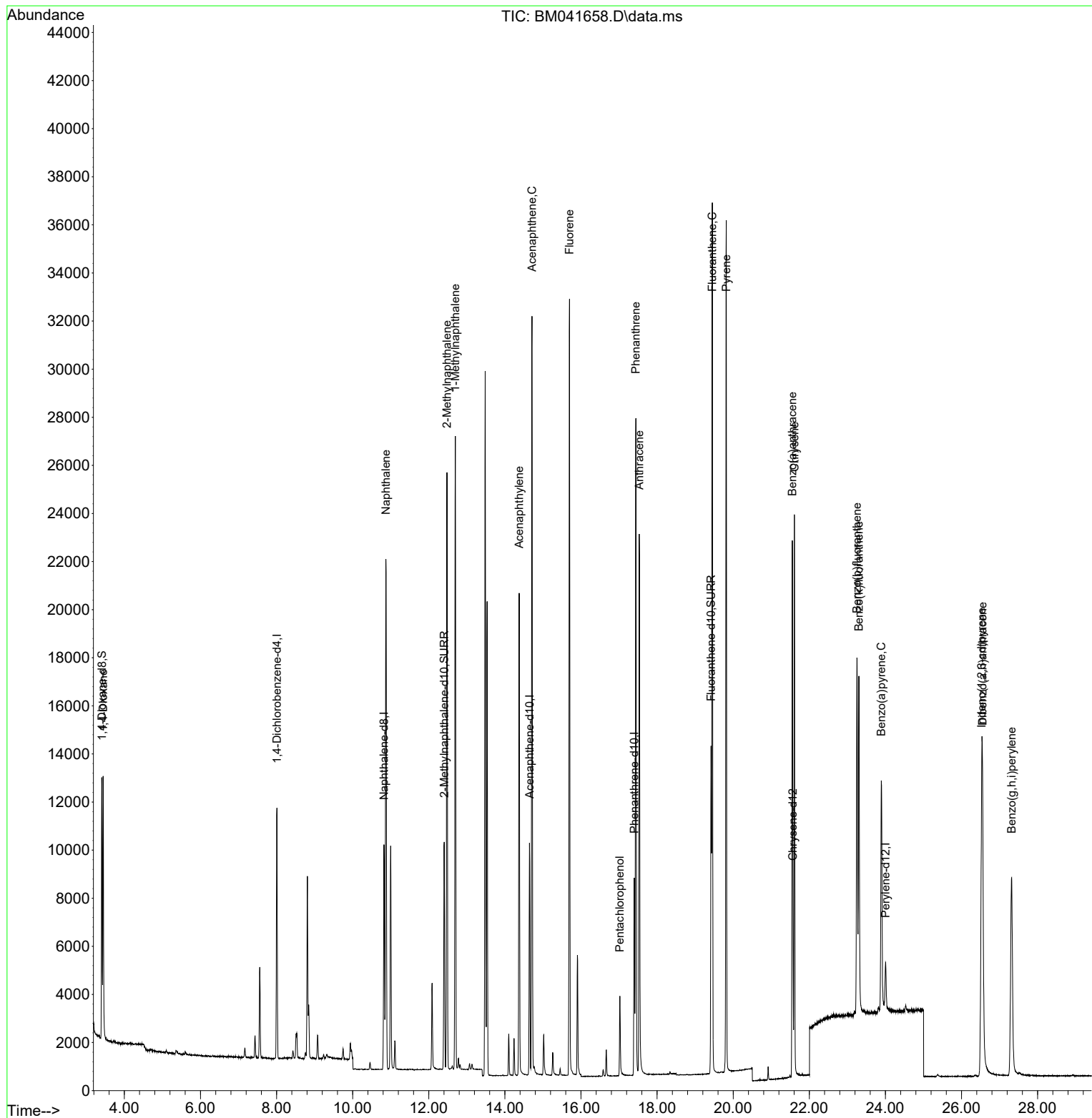
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	5066	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	11574	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	4871	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	9038	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	2958	0.400	ng/ul	0.00
23) Perylene-d12	24.003	264	2765	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	5868	0.785	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	11614	0.832	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	12170	0.834	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	6088	0.763	ng/ul	92
5) Naphthalene	10.873	128	29213	0.789	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	16798	0.800	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	16883	0.796	ng/ul	99
10) Acenaphthylene	14.375	152	22845	0.673	ng/ul	99
11) Acenaphthene	14.712	153	17998	0.768	ng/ul	99
12) Fluorene	15.698	166	20080	0.788	ng/ul	99
14) Pentachlorophenol	17.020	266	2433	0.700	ng/ul	100
15) Phenanthrene	17.443	178	29591	0.750	ng/ul	99
16) Anthracene	17.531	178	25664	0.748	ng/ul	99
19) Fluoranthene	19.450	202	29953	0.772	ng/ul	99
20) Pyrene	19.817	202	28960	0.742	ng/ul	99
21) Benzo(a)anthracene	21.553	228	18799	0.712	ng/ul	99
22) Chrysene	21.609	228	20195	0.712	ng/ul	99
24) Benzo(b)fluoranthene	23.252	252	19653	0.765	ng/ul	95
25) Benzo(k)fluoranthene	23.301	252	19284	0.790	ng/ul	94
26) Benzo(a)pyrene	23.892	252	16069	0.702	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.528	276	21920	0.717	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.552	278	15525	0.755	ng/ul	94
29) Benzo(g,h,i)perylene	27.316	276	19238	0.750	ng/ul	98

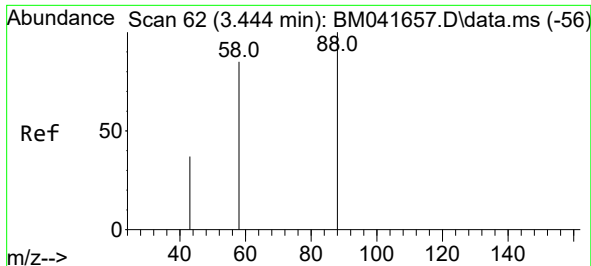
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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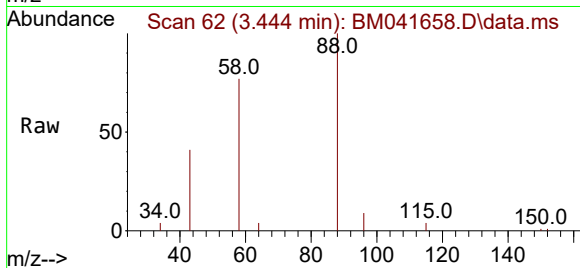
Quant Time: Sep 06 02:14:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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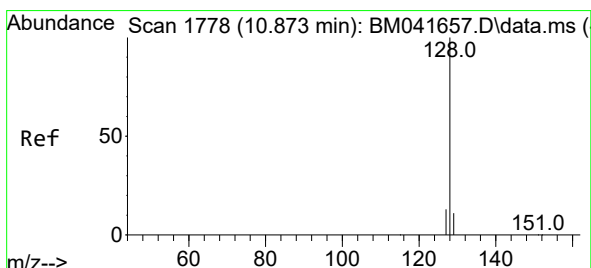
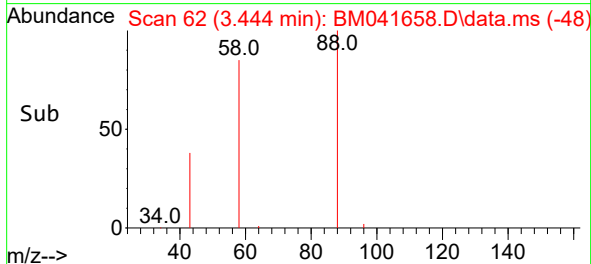
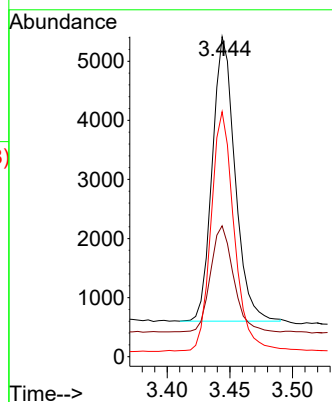
#2
1,4-Dioxane
Concen: 0.763 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018



Tgt Ion: 88 Resp: 6088

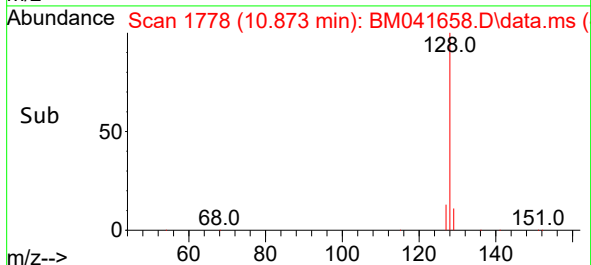
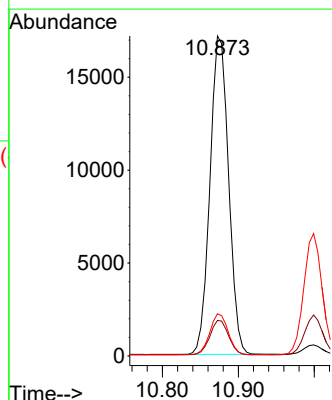
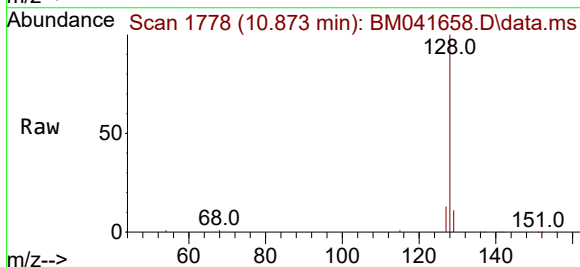
Ion	Ratio	Lower	Upper
88	100		
43	40.9	33.8	50.6
58	76.6	54.2	81.2

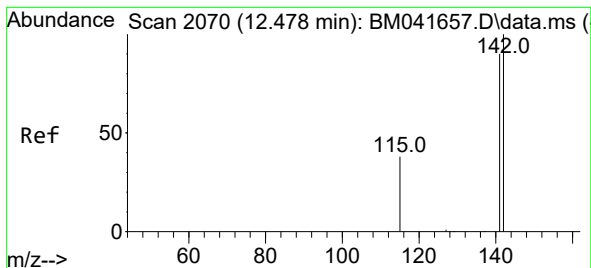


#5
Naphthalene
Concen: 0.789 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Tgt Ion: 128 Resp: 29213

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.2	11.0	16.6

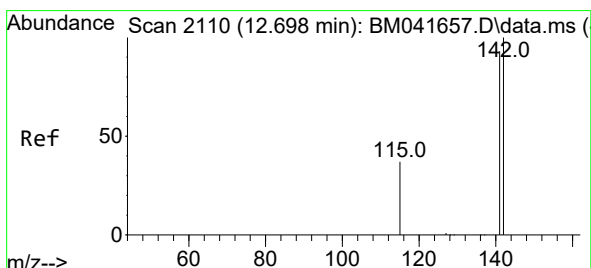
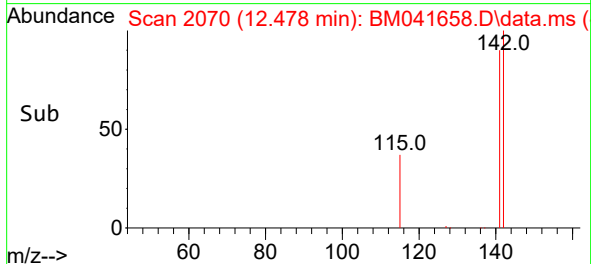
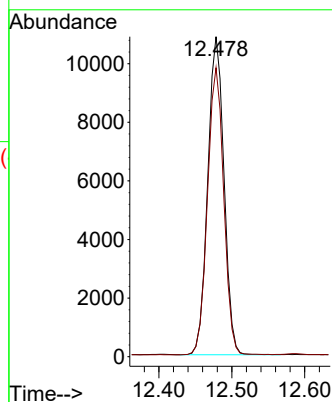
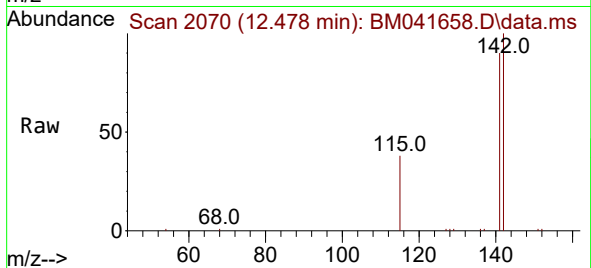




#7
2-Methylnaphthalene
Concen: 0.800 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

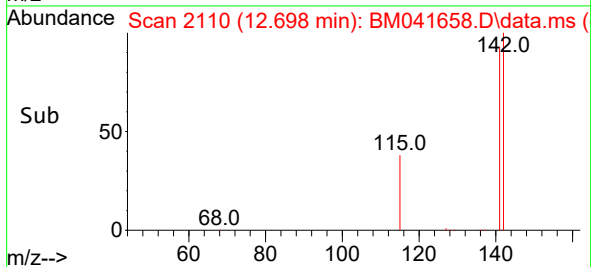
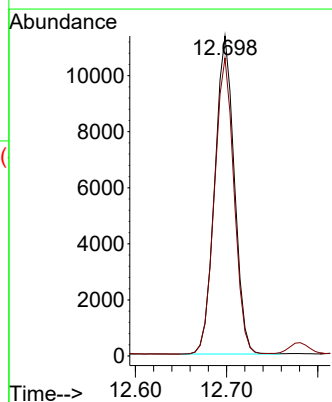
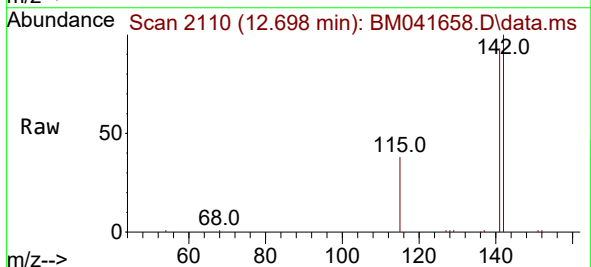
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

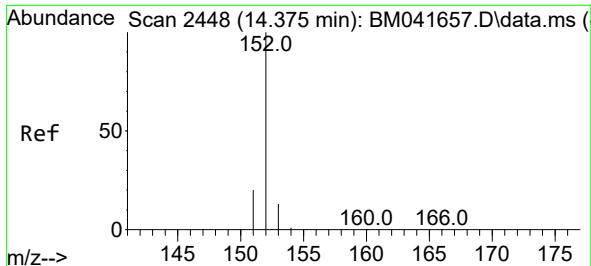
Tgt Ion:142 Resp: 16798
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.796 ng/ul
RT: 12.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Tgt Ion:142 Resp: 16883
Ion Ratio Lower Upper
142 100
141 93.5 74.4 111.6

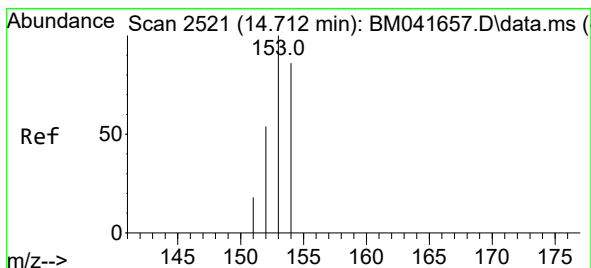
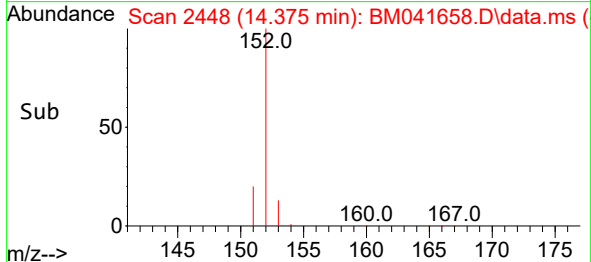
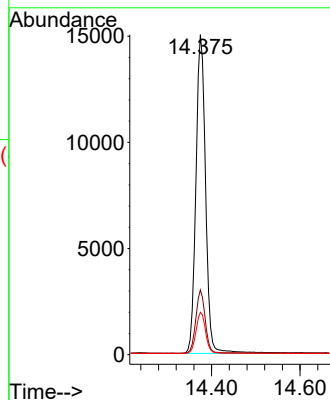
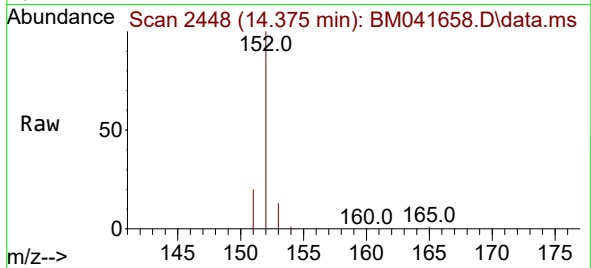




#10
Acenaphthylene
Concen: 0.673 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

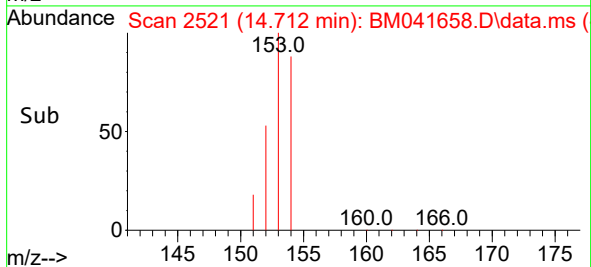
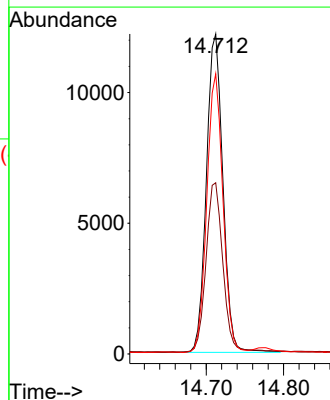
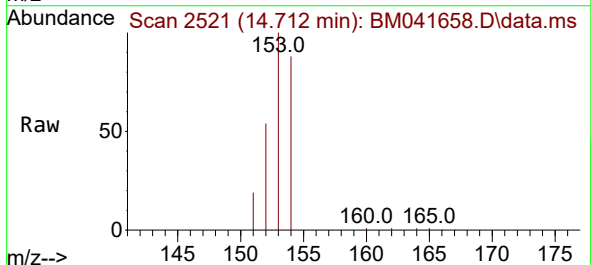
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

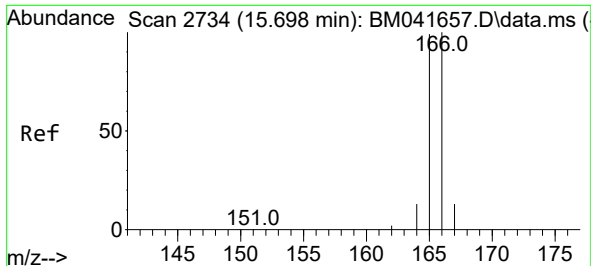
Tgt Ion:152	Resp:	22845
Ion Ratio	Lower	Upper
152	100	
151	20.2	16.4 24.6
153	13.3	11.1 16.7



#11
Acenaphthene
Concen: 0.768 ng/ul
RT: 14.712 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Tgt Ion:153	Resp:	17998
Ion Ratio	Lower	Upper
153	100	
152	53.5	43.4 65.2
154	87.6	69.4 104.0

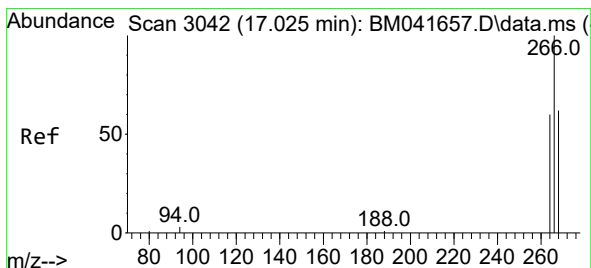
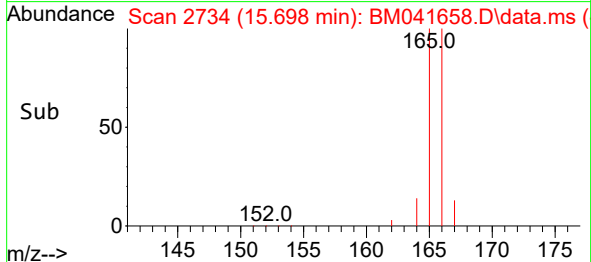
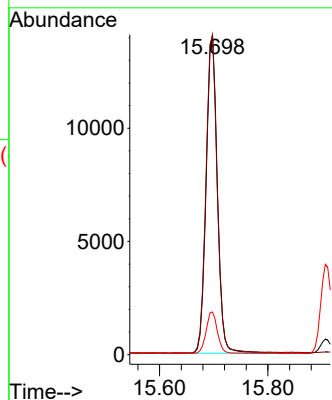
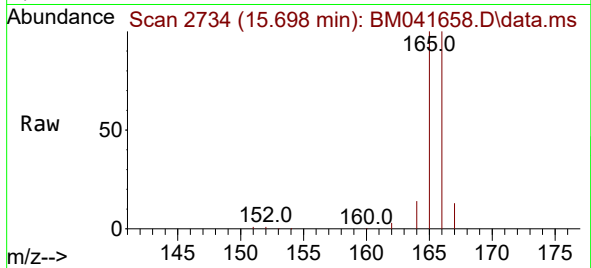




#12
Fluorene
Concen: 0.788 ng/ul
RT: 15.698 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

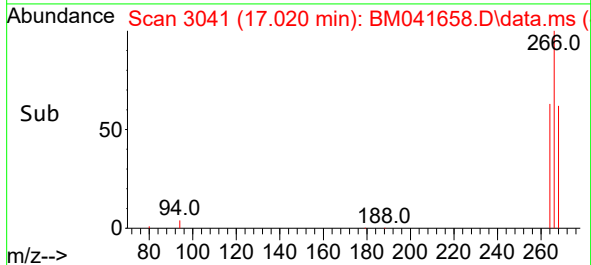
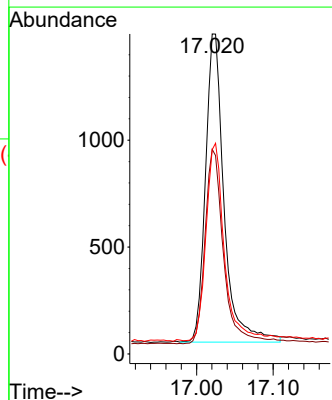
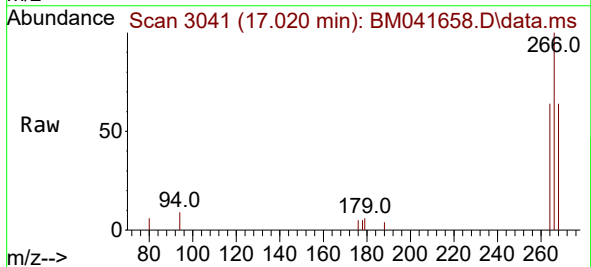
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

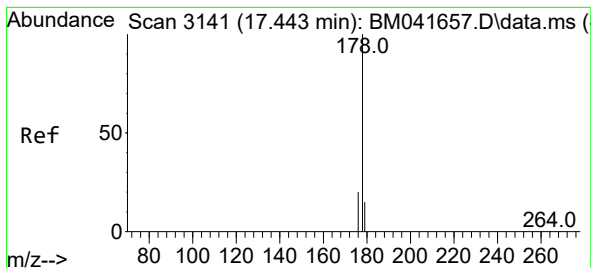
Tgt Ion:166 Resp: 20080
Ion Ratio Lower Upper
166 100
165 100.0 79.4 119.2
167 13.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.700 ng/ul
RT: 17.020 min Scan# 3041
Delta R.T. -0.004 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Tgt Ion:266 Resp: 2433
Ion Ratio Lower Upper
266 100
264 63.1 50.0 75.0
268 63.5 50.8 76.2





#15

Phenanthrene

Concen: 0.750 ng/ul

RT: 17.443 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BM041658.D

Acq: 05 Sep 2023 18:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.8018

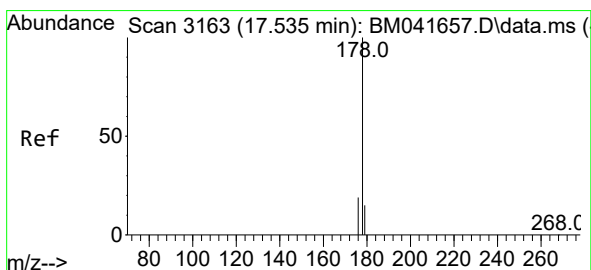
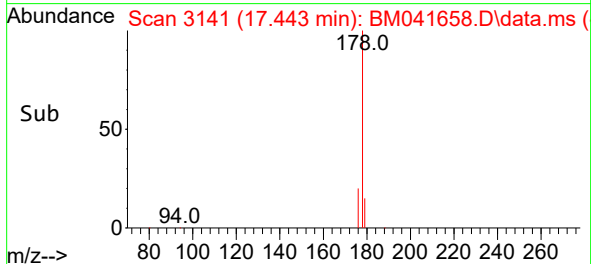
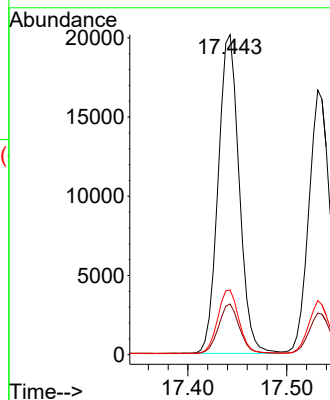
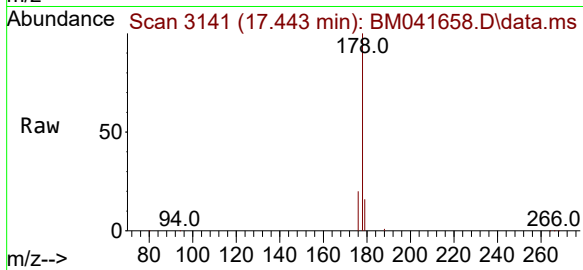
Tgt Ion:178 Resp: 29591

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 20.2 16.9 25.3



#16

Anthracene

Concen: 0.748 ng/ul

RT: 17.531 min Scan# 3162

Delta R.T. -0.004 min

Lab File: BM041658.D

Acq: 05 Sep 2023 18:19

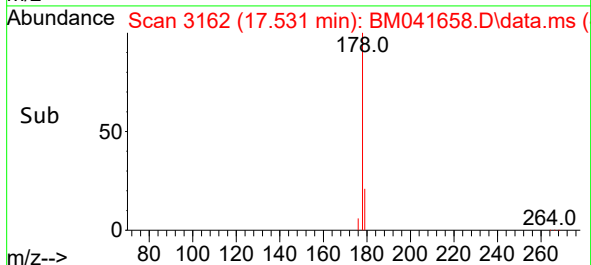
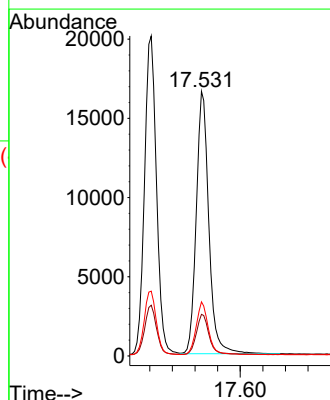
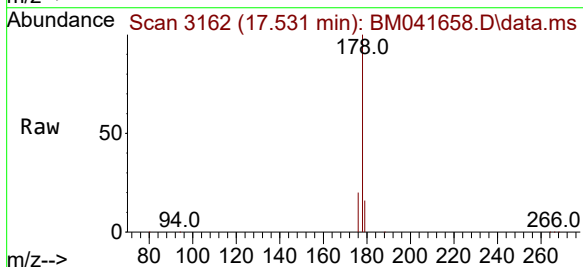
Tgt Ion:178 Resp: 25664

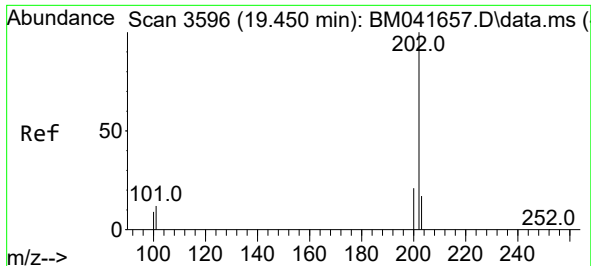
Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 20.4 15.8 23.8

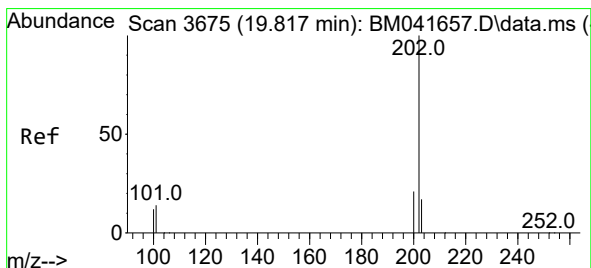
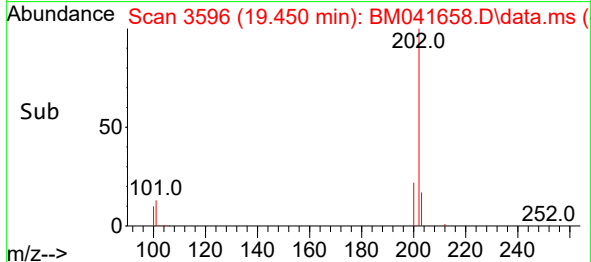
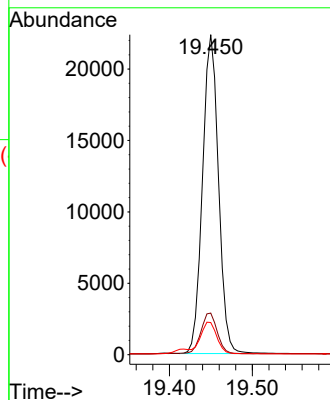
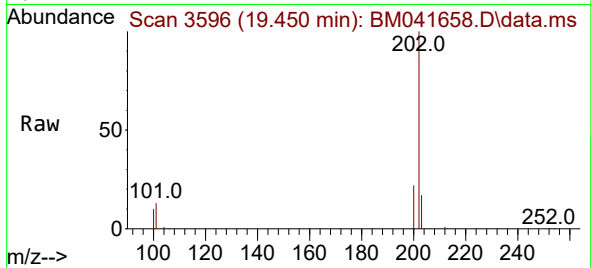




#19
Fluoranthene
Concen: 0.772 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

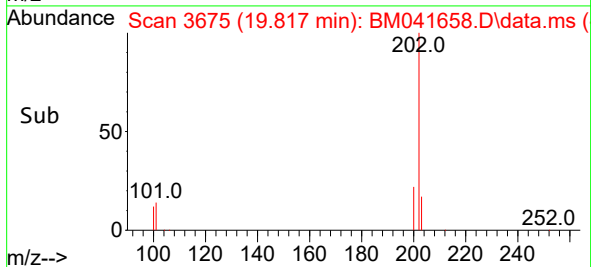
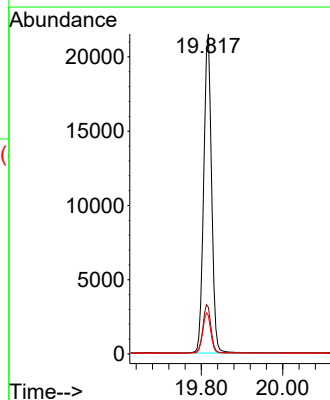
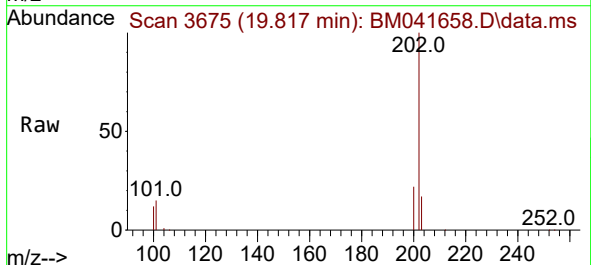
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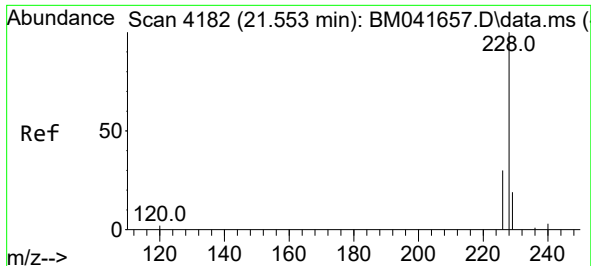
Tgt Ion:202 Resp: 29953
Ion Ratio Lower Upper
202 100
101 13.0 10.5 15.7
100 10.0 8.4 12.6



#20
Pyrene
Concen: 0.742 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Tgt Ion:202 Resp: 28960
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.8
100 11.9 9.8 14.6

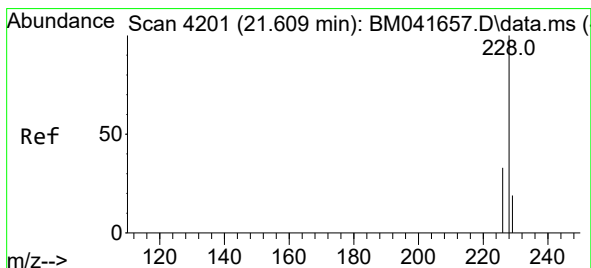
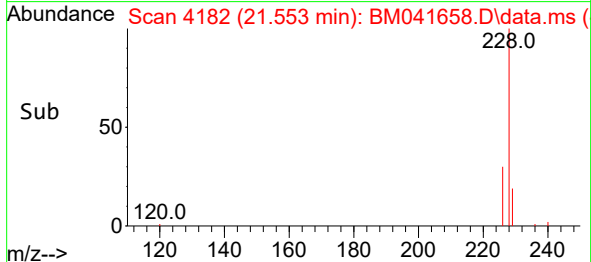
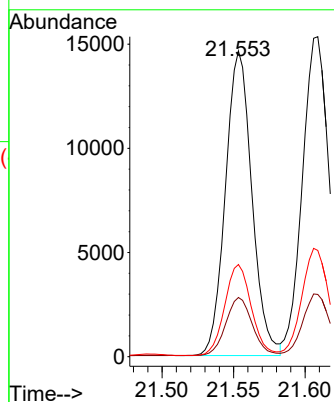
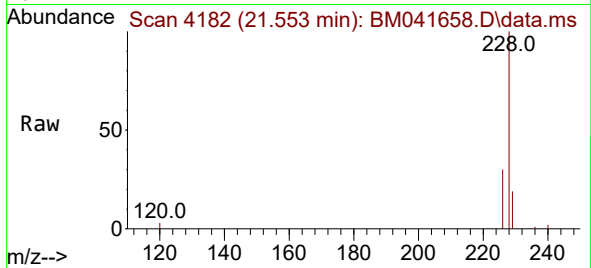




#21
Benzo(a)anthracene
Concen: 0.712 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

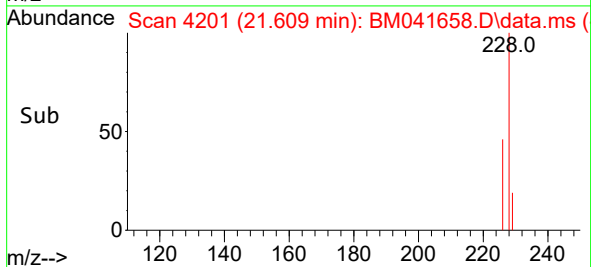
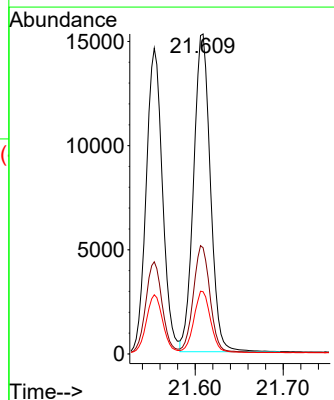
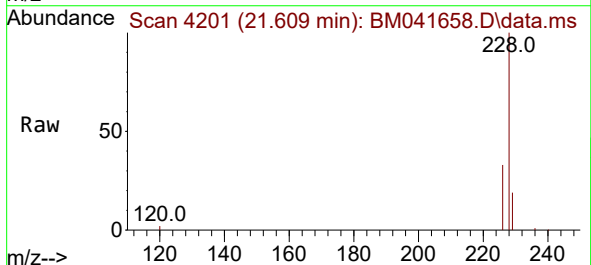
Instrument :
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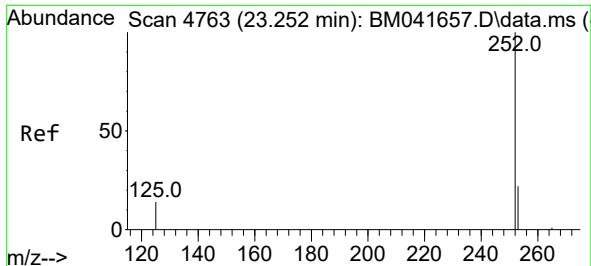
Tgt Ion:228 Resp: 18799
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 30.1 24.8 37.2



#22
Chrysene
Concen: 0.712 ng/ul
RT: 21.609 min Scan# 4201
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Tgt Ion:228 Resp: 20195
Ion Ratio Lower Upper
228 100
226 33.2 27.0 40.6
229 19.5 15.4 23.2

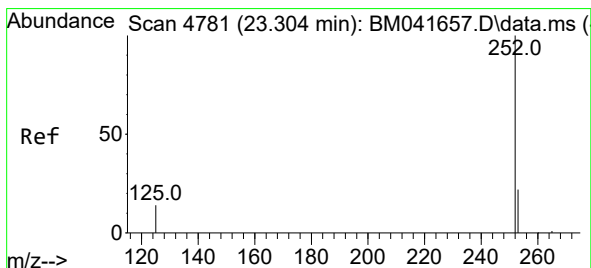
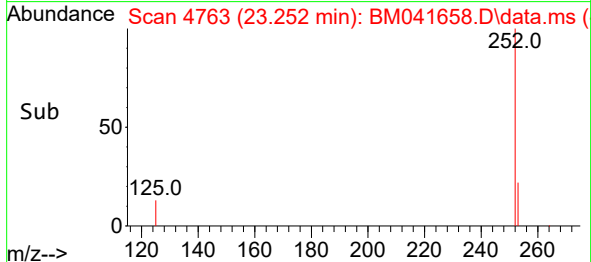
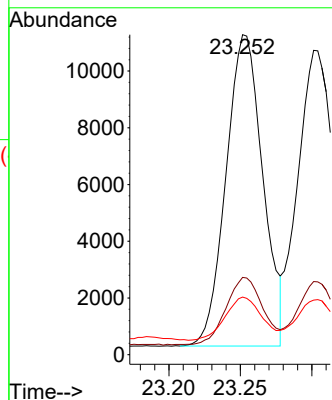
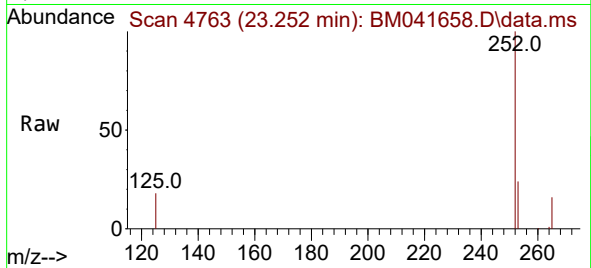




#24
Benzo(b)fluoranthene
Concen: 0.765 ng/ul
RT: 23.252 min Scan# 4763
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

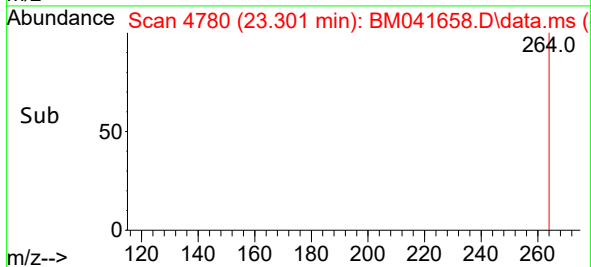
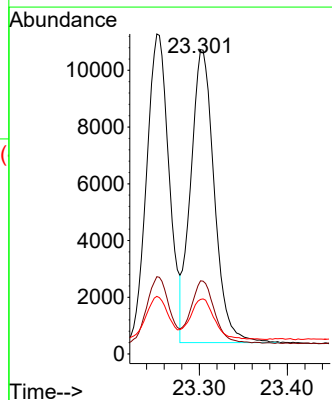
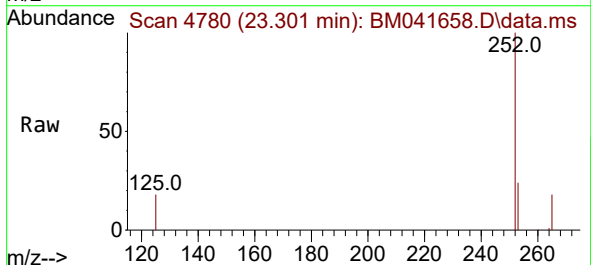
Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

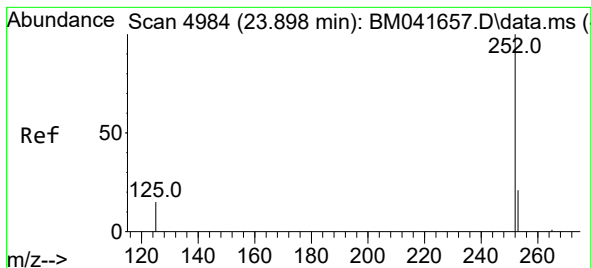
Tgt Ion:252 Resp: 19653
Ion Ratio Lower Upper
252 100
253 24.2 0.0 52.4
125 18.0 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.790 ng/ul
RT: 23.301 min Scan# 4780
Delta R.T. -0.003 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Tgt Ion:252 Resp: 19284
Ion Ratio Lower Upper
252 100
253 24.0 21.3 31.9
125 17.9 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.702 ng/ul

RT: 23.892 min Scan# 4982

Delta R.T. -0.006 min

Lab File: BM041658.D

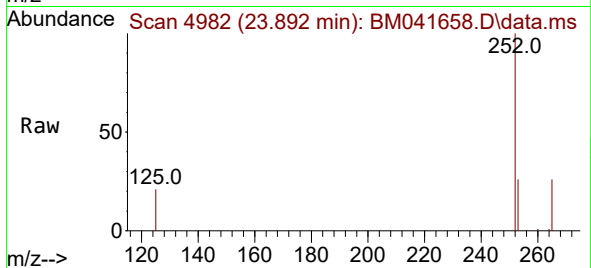
Acq: 05 Sep 2023 18:19

Instrument :

BNA_M

ClientSampleId :

SSTD0.8018



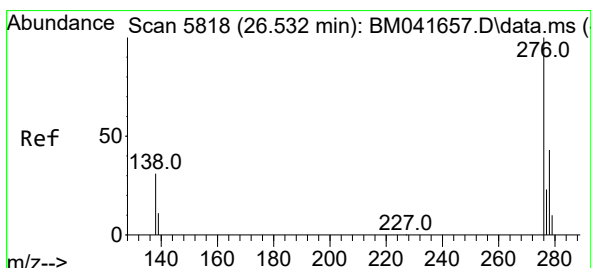
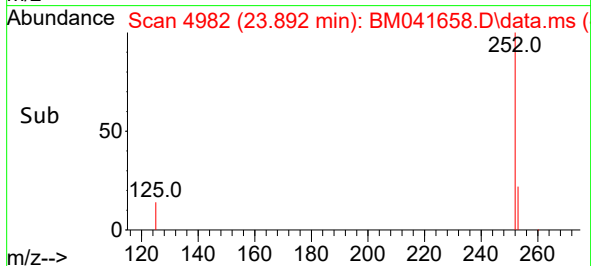
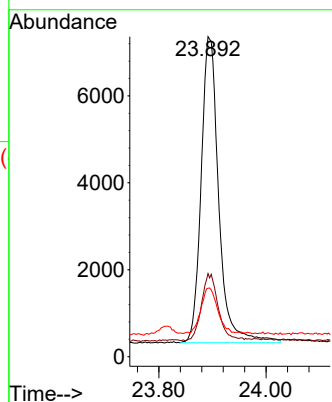
Tgt Ion:252 Resp: 16069

Ion Ratio Lower Upper

252 100

253 25.9 22.4 33.6

125 21.4 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.717 ng/ul

RT: 26.528 min Scan# 5817

Delta R.T. -0.003 min

Lab File: BM041658.D

Acq: 05 Sep 2023 18:19

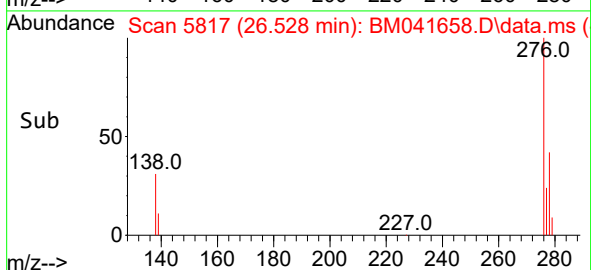
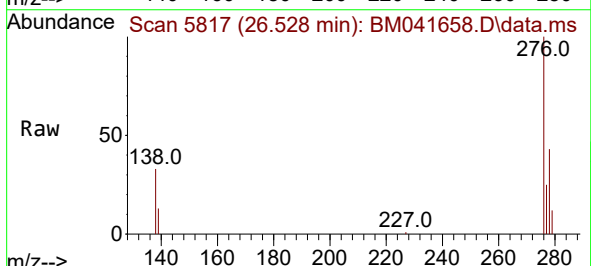
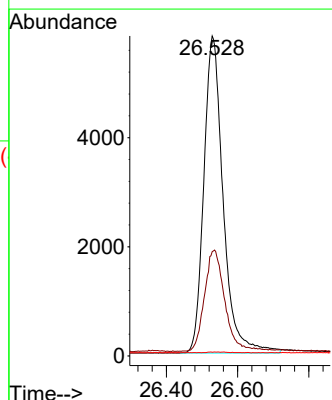
Tgt Ion:276 Resp: 21920

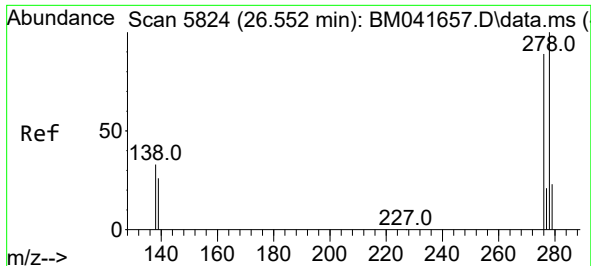
Ion Ratio Lower Upper

276 100

138 33.9 26.4 39.6

227 0.1 0.1 0.1#

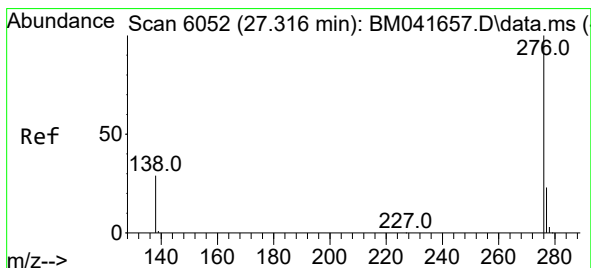
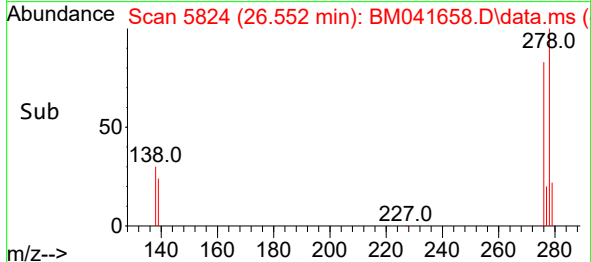
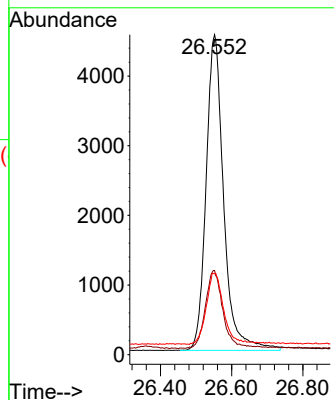
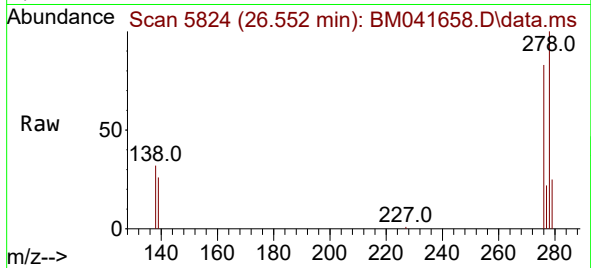




#28
Dibenzo(a,h)anthracene
Concen: 0.755 ng/ul
RT: 26.552 min Scan# 5824
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Instrument :
BNA_M
ClientSampleId :
SSTD0.8018

Tgt Ion:278 Resp: 15525
Ion Ratio Lower Upper
278 100
139 26.3 23.0 34.6
279 25.2 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.750 ng/ul
RT: 27.316 min Scan# 6052
Delta R.T. -0.000 min
Lab File: BM041658.D
Acq: 05 Sep 2023 18:19

Tgt Ion:276 Resp: 19238
Ion Ratio Lower Upper
276 100
138 30.3 25.0 37.4
277 24.4 20.2 30.2

