

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
 Data File : BM041654.D
 Acq On : 05 Sep 2023 14:20
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4069

Quant Time: Sep 06 02:13:26 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)

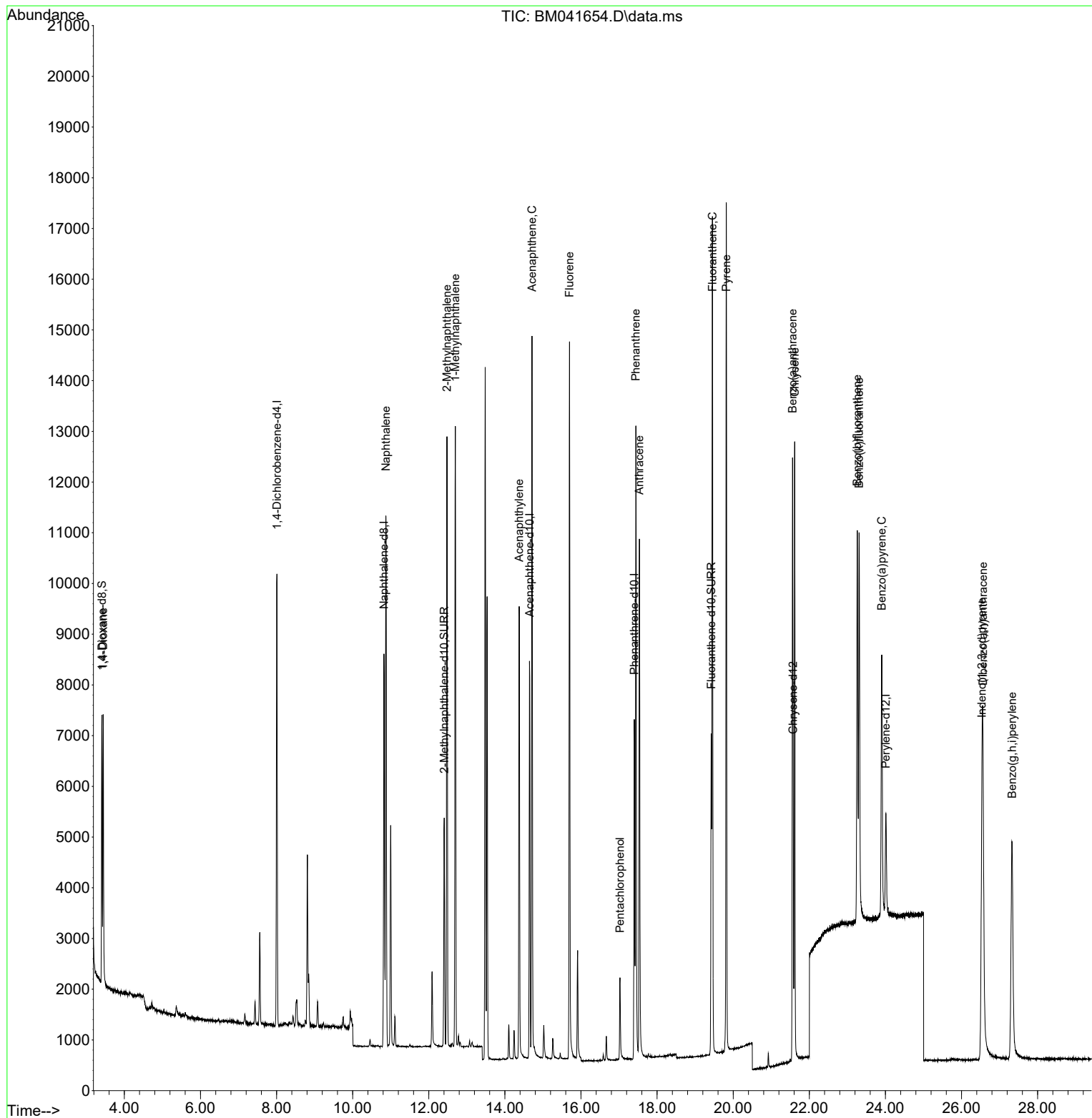
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	4367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	9799	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	3880	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	7447	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	2754	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	2845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2949	0.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	5402	0.457	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	5601	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	3006	0.437	ng/ul	95
5) Naphthalene	10.873	128	14053	0.449	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	8002	0.450	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	8007	0.446	ng/ul	100
10) Acenaphthylene	14.375	152	10631	0.393	ng/ul	100
11) Acenaphthene	14.712	153	8191	0.439	ng/ul	99
12) Fluorene	15.698	166	9122	0.449	ng/ul	99
14) Pentachlorophenol	17.025	266	1191	0.416	ng/ul	99
15) Phenanthrene	17.443	178	13753	0.423	ng/ul	100
16) Anthracene	17.536	178	11852	0.419	ng/ul	99
19) Fluoranthene	19.455	202	14058	0.389	ng/ul	99
20) Pyrene	19.817	202	13992	0.385	ng/ul	97
21) Benzo(a)anthracene	21.559	228	9810	0.399	ng/ul	100
22) Chrysene	21.615	228	10459	0.396	ng/ul	100
24) Benzo(b)fluoranthene	23.260	252	10555	0.399	ng/ul	99
25) Benzo(k)fluoranthene	23.310	252	10640	0.424	ng/ul	100
26) Benzo(a)pyrene	23.904	252	8724	0.371	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.535	276	11700	0.372	ng/ul	100
28) Dibenzo(a,h)anthracene	26.562	278	8190	0.387	ng/ul	99
29) Benzo(g,h,i)perylene	27.330	276	10567	0.400	ng/ul	99

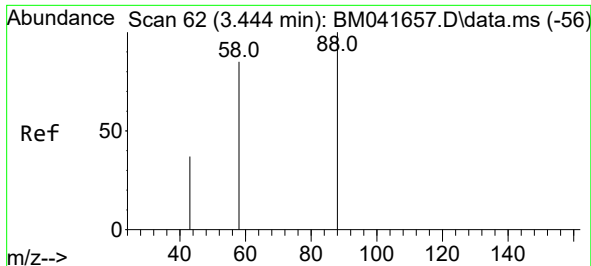
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
Data File : BM041654.D
Acq On : 05 Sep 2023 14:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

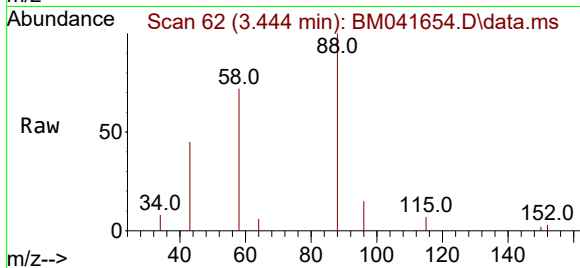
Quant Time: Sep 06 02:13:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:12:18 2023
Response via : Initial Calibration





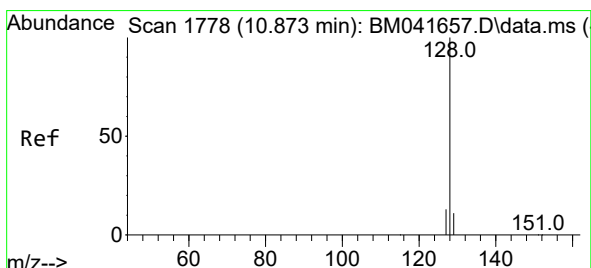
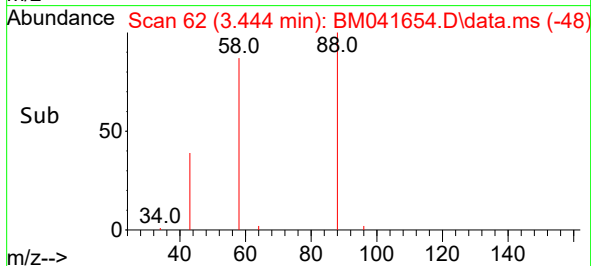
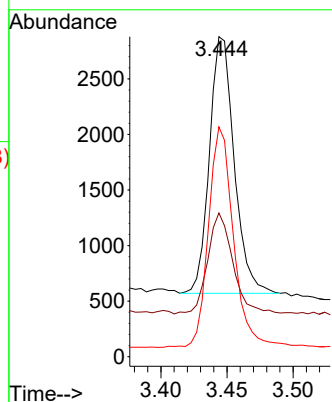
#2
1,4-Dioxane
Concen: 0.437 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.4069



Tgt Ion: 88 Resp: 3006

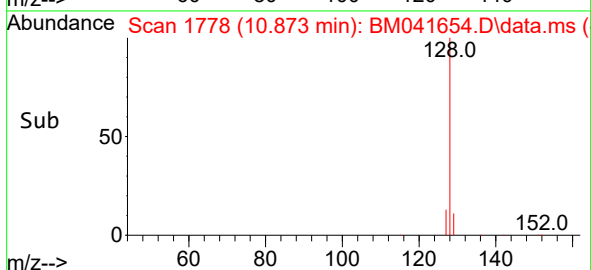
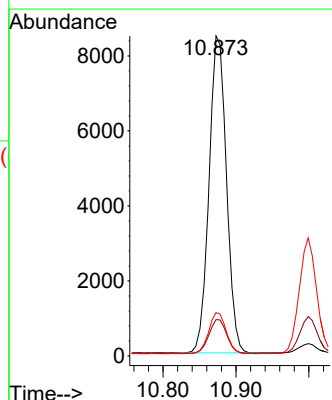
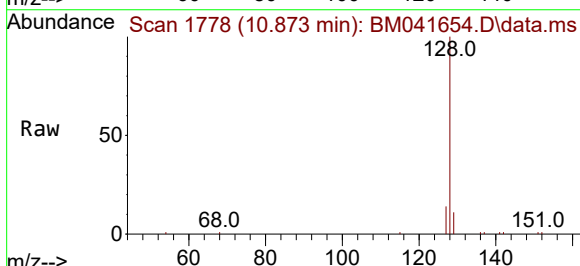
Ion	Ratio	Lower	Upper
88	100		
43	44.9	33.8	50.6
58	71.8	54.2	81.2

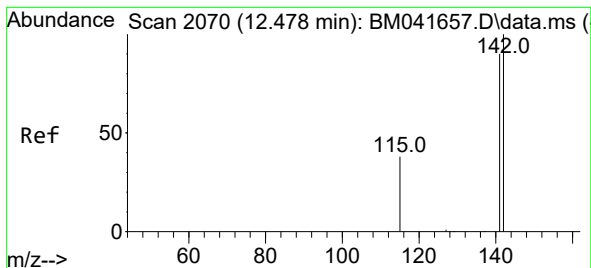


#5
Naphthalene
Concen: 0.449 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Tgt Ion: 128 Resp: 14053

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.6	11.0	16.6

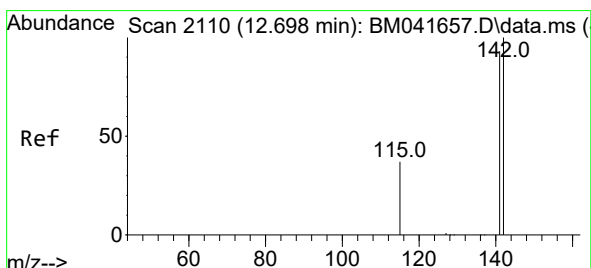
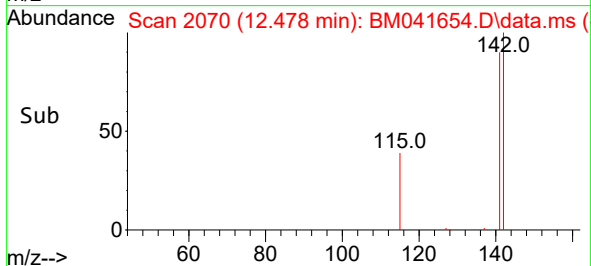
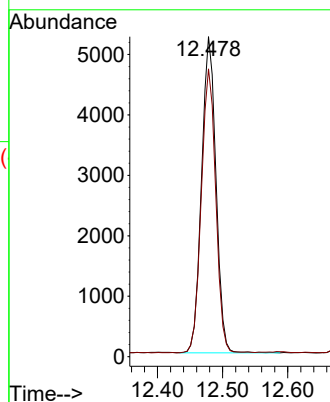
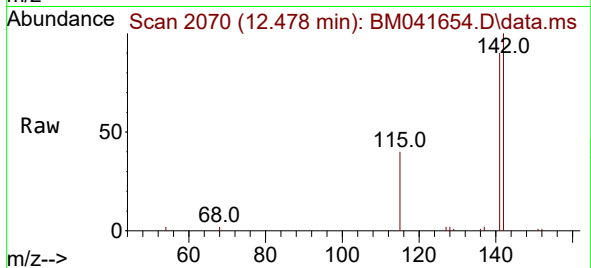




#7
2-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

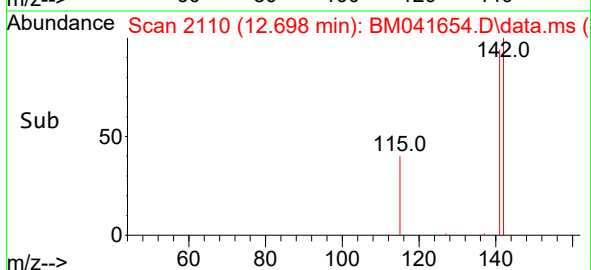
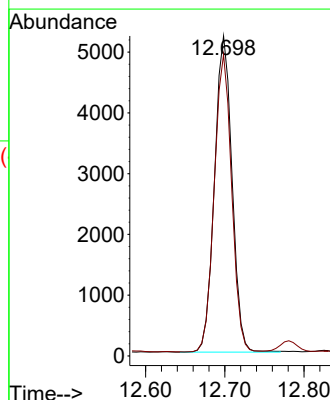
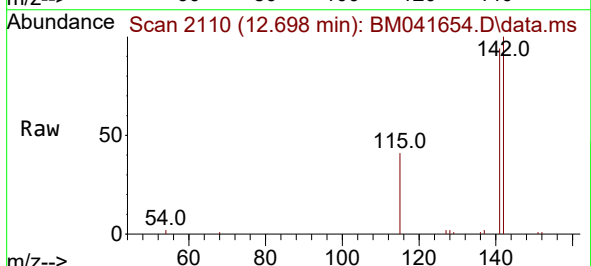
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

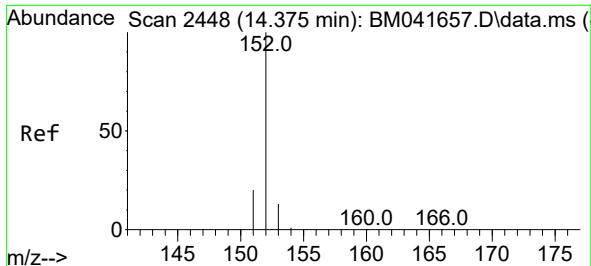
Tgt Ion:142 Resp: 8002
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Tgt Ion:142 Resp: 8007
Ion Ratio Lower Upper
142 100
141 93.2 74.4 111.6

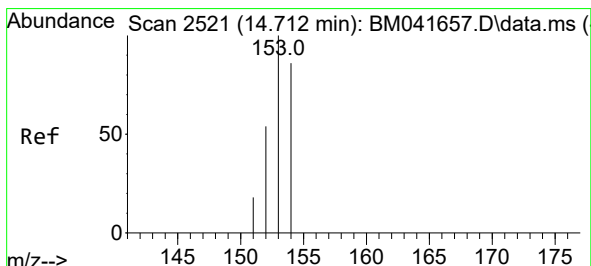
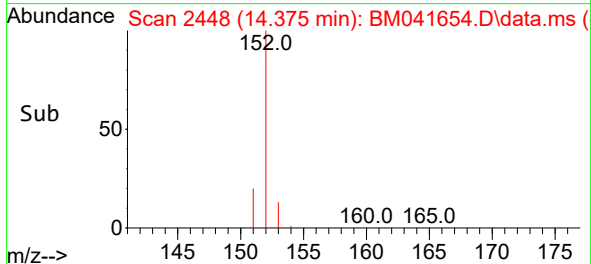
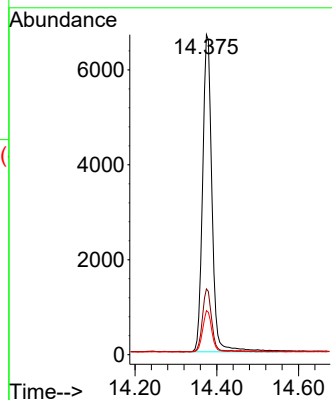
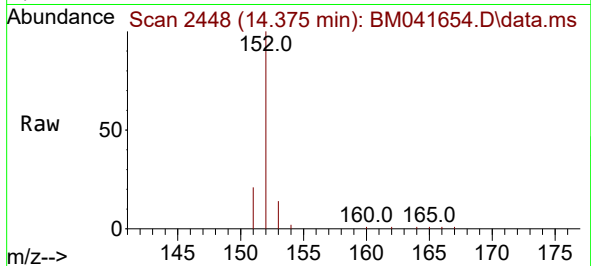




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

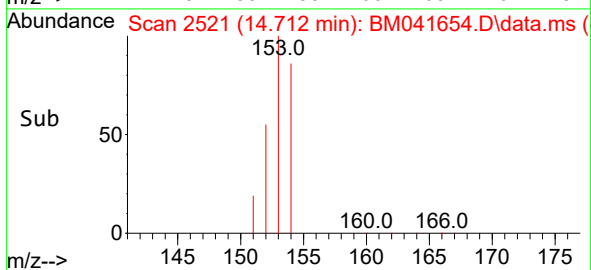
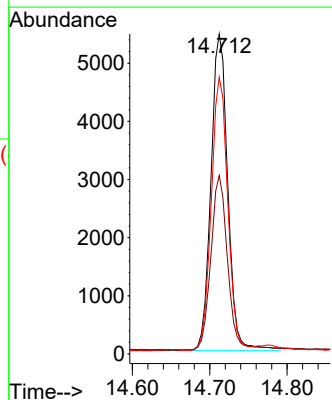
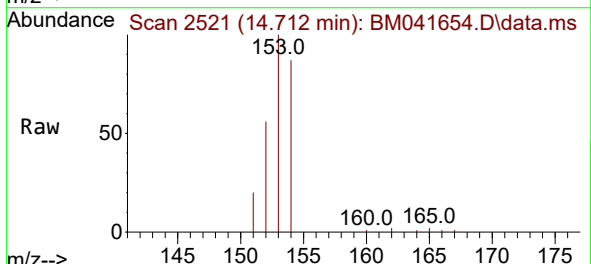
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

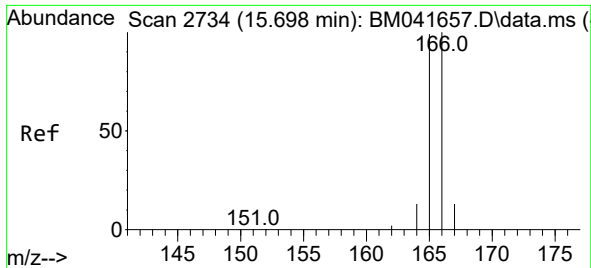
Tgt Ion:	152	Resp:	10631
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	13.7	11.1	16.7



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.712 min Scan# 2521
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Tgt Ion:	153	Resp:	8191
Ion Ratio	Lower	Upper	
153	100		
152	55.8	43.4	65.2
154	86.5	69.4	104.0

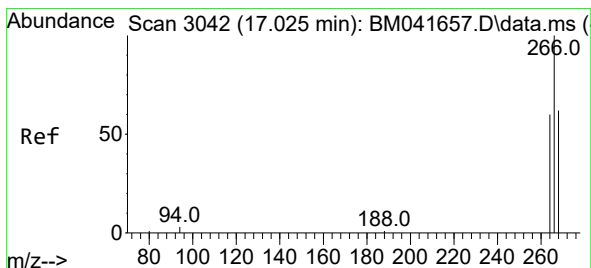
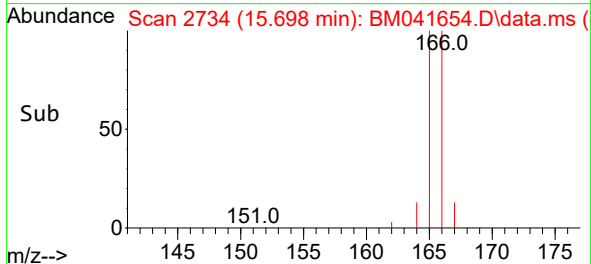
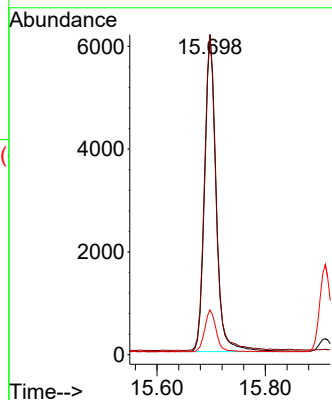
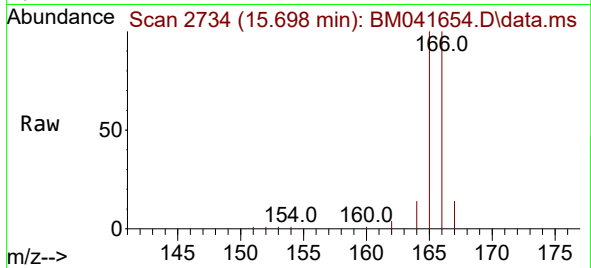




#12
Fluorene
Concen: 0.449 ng/ul
RT: 15.698 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

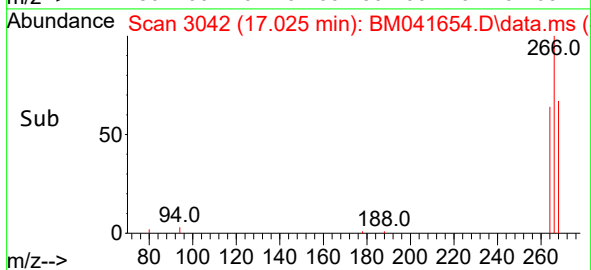
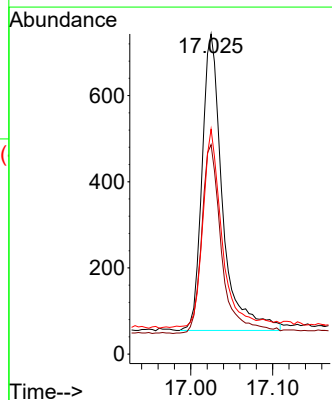
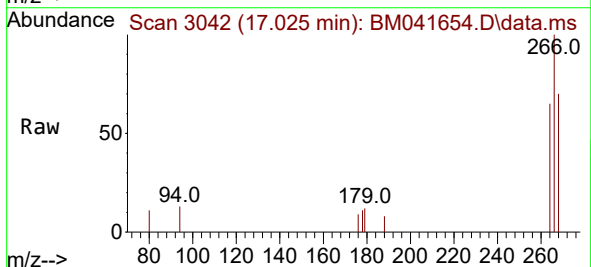
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

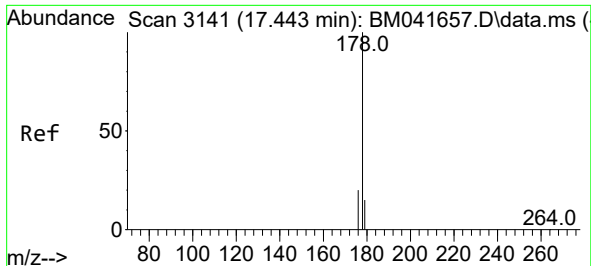
Tgt Ion:166 Resp: 9122
Ion Ratio Lower Upper
166 100
165 100.0 79.4 119.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.416 ng/ul
RT: 17.025 min Scan# 3042
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Tgt Ion:266 Resp: 1191
Ion Ratio Lower Upper
266 100
264 62.6 50.0 75.0
268 65.2 50.8 76.2

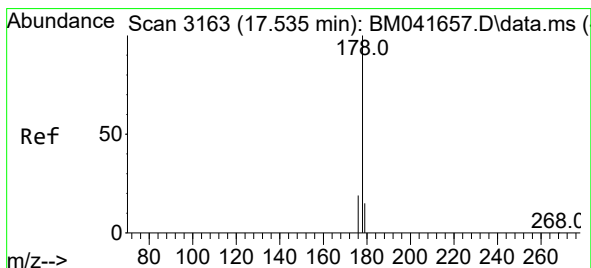
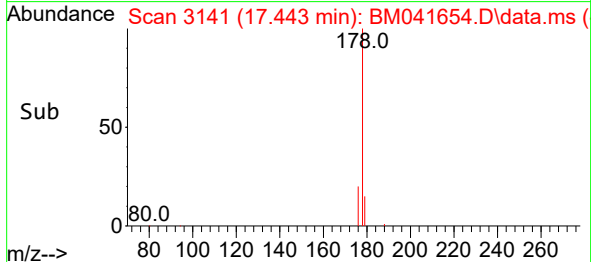
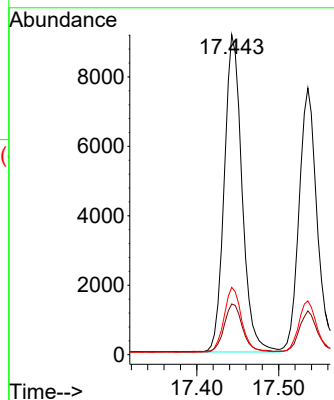
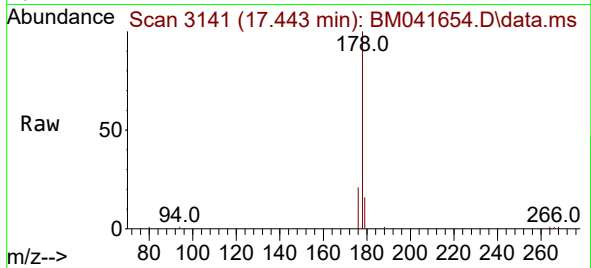




#15
Phenanthrene
Concen: 0.423 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

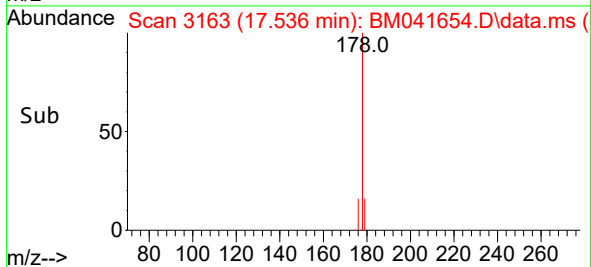
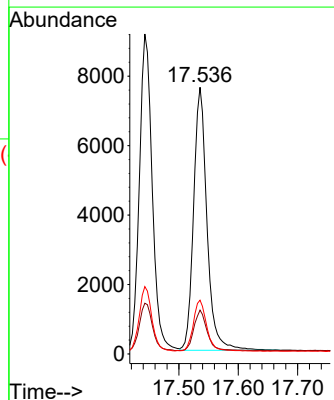
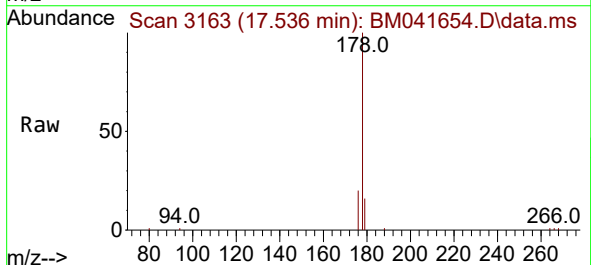
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

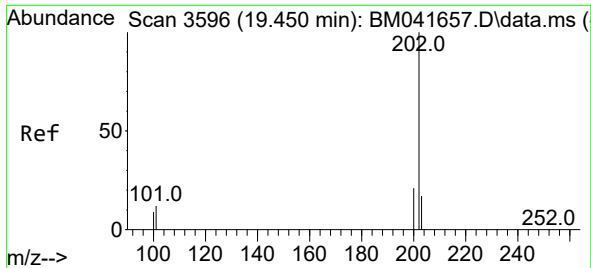
Tgt Ion:	178	Resp:	13753
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	21.1	16.9	25.3



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.536 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Tgt Ion:	178	Resp:	11852
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	20.1	15.8	23.8

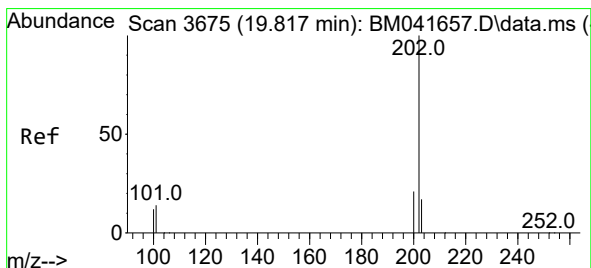
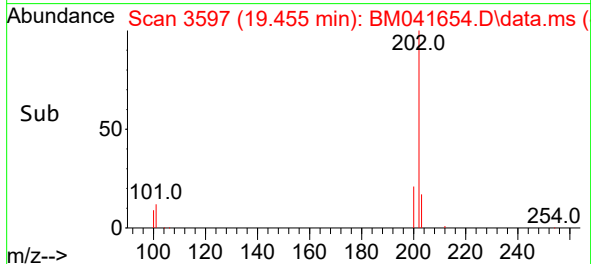
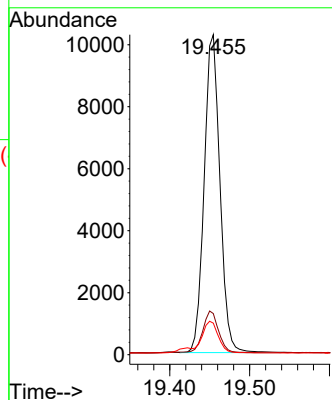
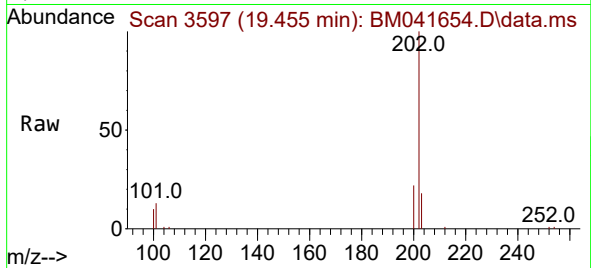




#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.005 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

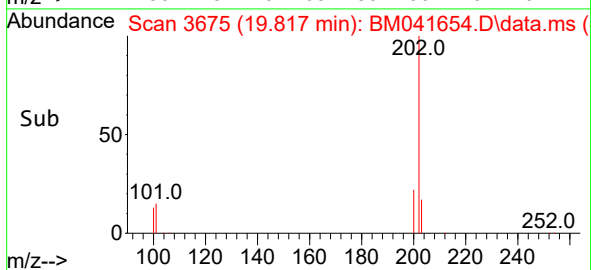
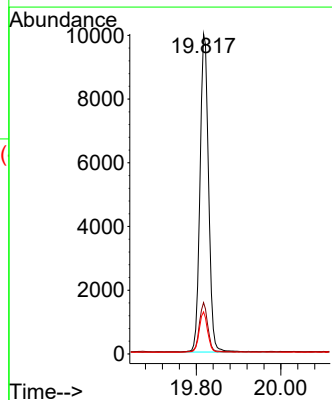
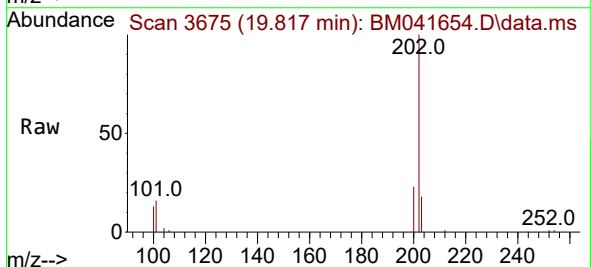
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

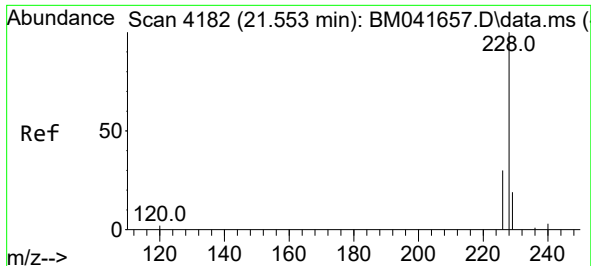
Tgt Ion:202 Resp: 14058
Ion Ratio Lower Upper
202 100
101 12.9 10.5 15.7
100 9.8 8.4 12.6



#20
Pyrene
Concen: 0.385 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Tgt Ion:202 Resp: 13992
Ion Ratio Lower Upper
202 100
101 16.1 11.8 17.8
100 13.2 9.8 14.6

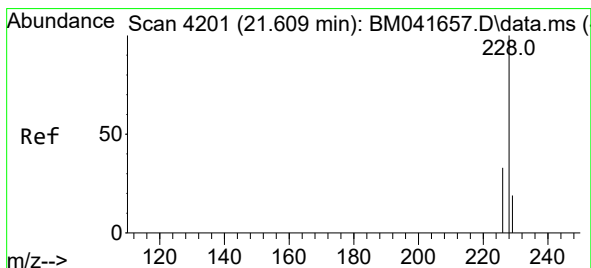
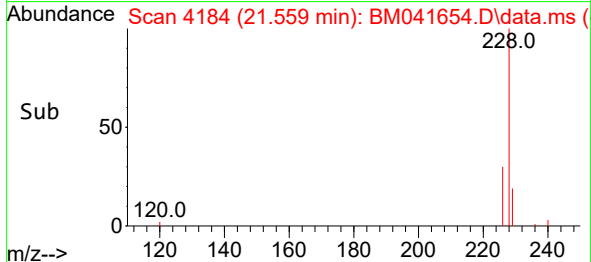
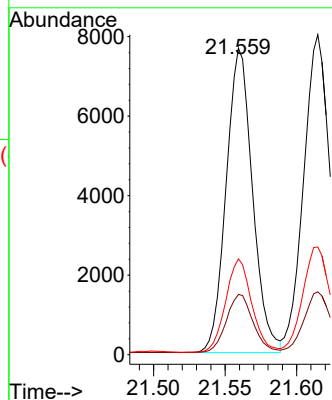
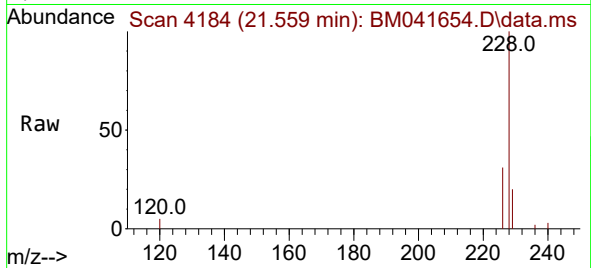




#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.559 min Scan# 4182
Delta R.T. 0.006 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

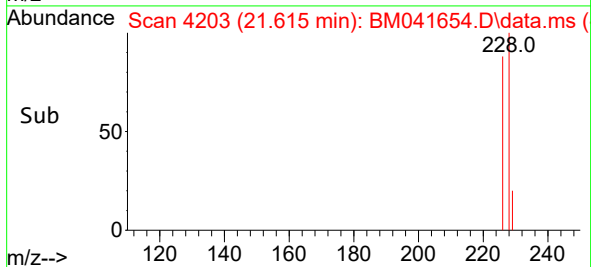
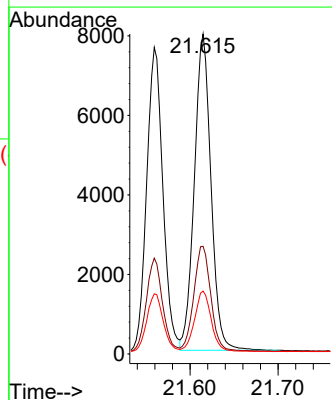
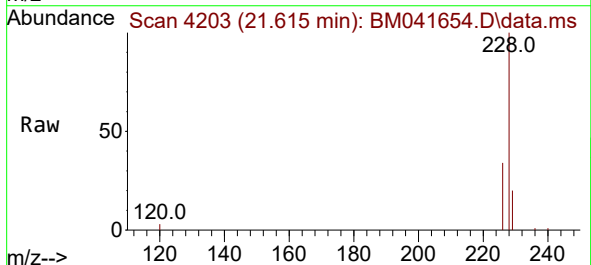
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

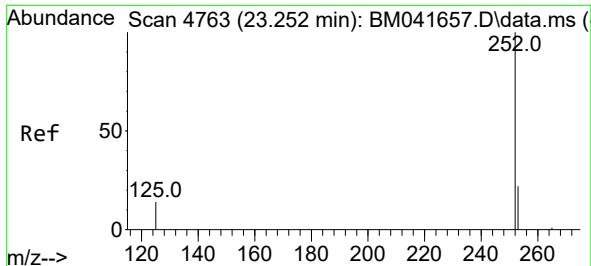
Tgt Ion:228 Resp: 9810
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 31.3 24.8 37.2



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. 0.006 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

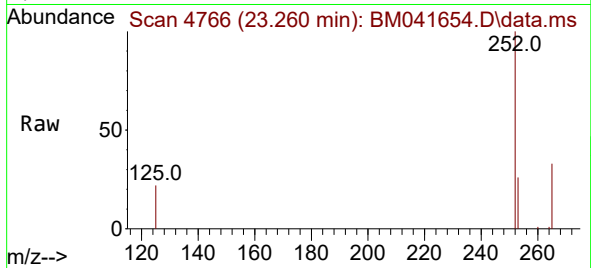
Tgt Ion:228 Resp: 10459
Ion Ratio Lower Upper
228 100
226 33.6 27.0 40.6
229 19.6 15.4 23.2



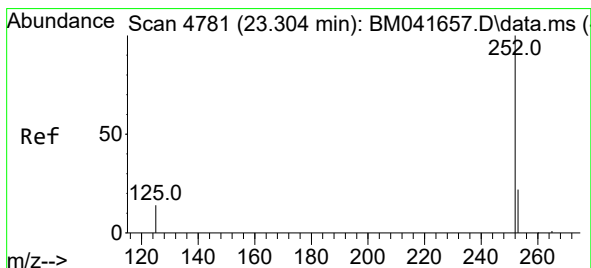
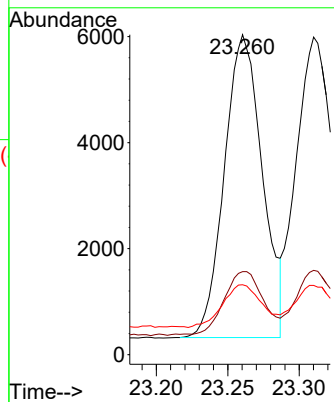


#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. 0.009 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

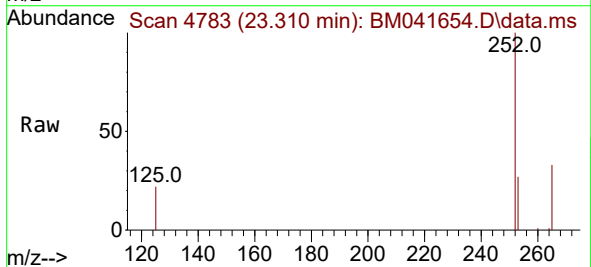
Instrument :
BNA_M
ClientSampleId :
SSTD0.4069



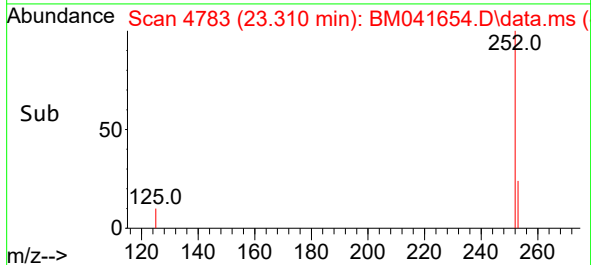
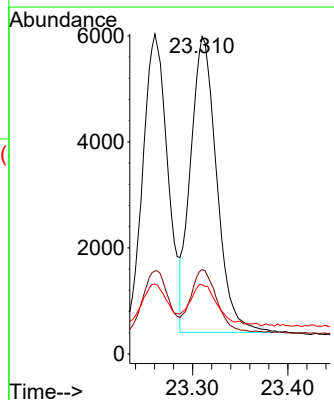
Tgt Ion:252 Resp: 10555
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.4
125 21.8 0.0 42.8

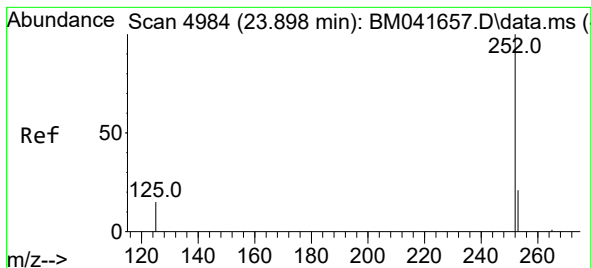


#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.310 min Scan# 4783
Delta R.T. 0.006 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20



Tgt Ion:252 Resp: 10640
Ion Ratio Lower Upper
252 100
253 26.6 21.3 31.9
125 21.8 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.371 ng/ul

RT: 23.904 min Scan# 4984

Delta R.T. 0.006 min

Lab File: BM041654.D

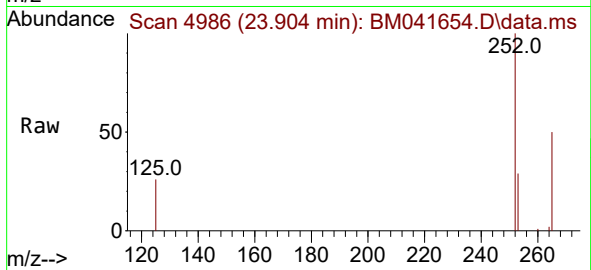
Acq: 05 Sep 2023 14:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.4069



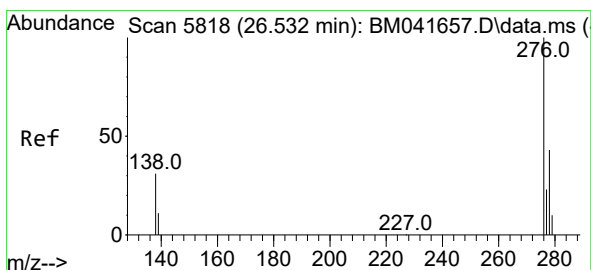
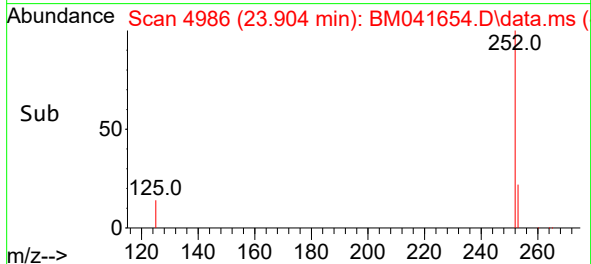
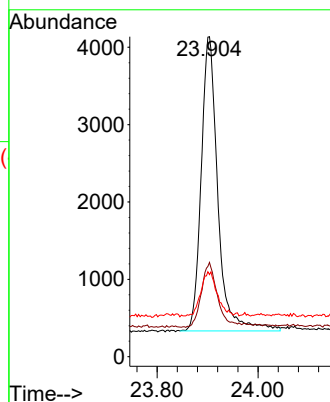
Tgt Ion:252 Resp: 8724

Ion Ratio Lower Upper

252 100

253 29.4 22.4 33.6

125 25.7 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.372 ng/ul

RT: 26.535 min Scan# 5819

Delta R.T. 0.003 min

Lab File: BM041654.D

Acq: 05 Sep 2023 14:20

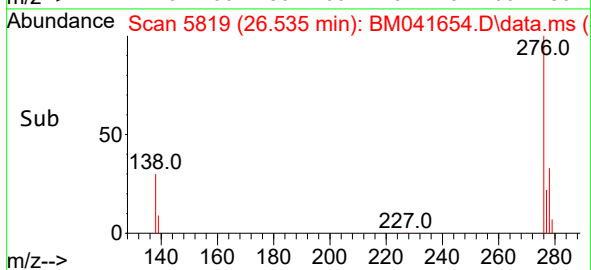
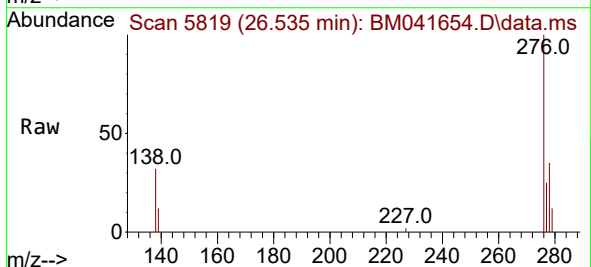
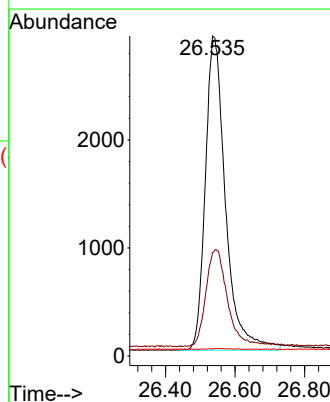
Tgt Ion:276 Resp: 11700

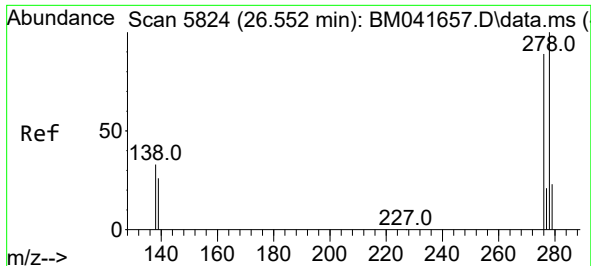
Ion Ratio Lower Upper

276 100

138 33.1 26.4 39.6

227 0.1 0.1 0.1

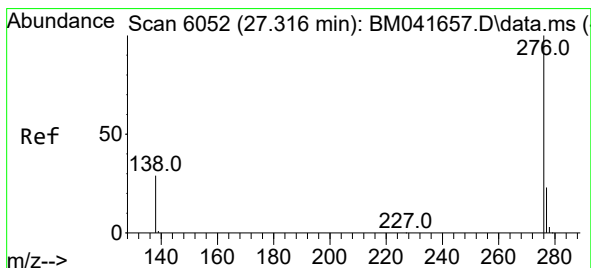
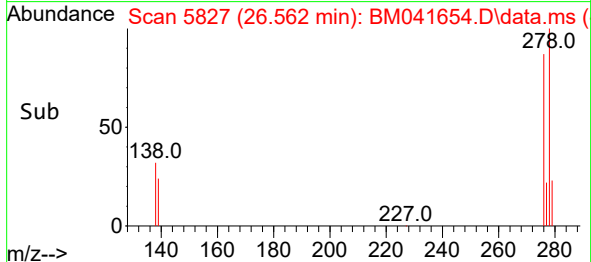
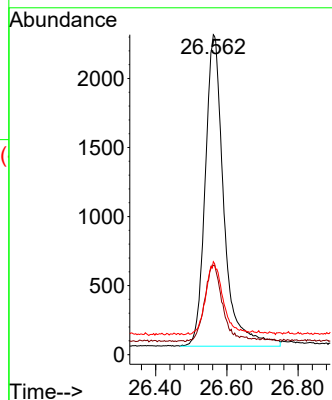
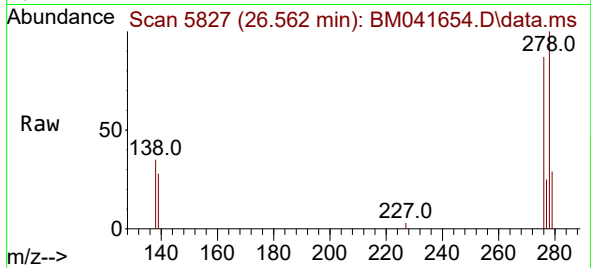




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. 0.010 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.4069

Tgt Ion:278 Resp: 8190
Ion Ratio Lower Upper
278 100
139 27.8 23.0 34.6
279 29.0 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.330 min Scan# 6056
Delta R.T. 0.013 min
Lab File: BM041654.D
Acq: 05 Sep 2023 14:20

Tgt Ion:276 Resp: 10567
Ion Ratio Lower Upper
276 100
138 30.5 25.0 37.4
277 25.3 20.2 30.2

