

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 26 02:20:18 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 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4537	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	9195m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5326m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10201m	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	5659m	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	6050m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	21599	3.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3907	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	3615m	0.155	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	104439	16.056	ng/ul#	85
5) Naphthalene	10.818	128	1243162	40.358	ng/ul	99
7) 2-Methylnaphthalene	12.423	142	1003637	54.658	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	1155920	62.007	ng/ul	98
10) Acenaphthylene	14.310	152	26714m	0.749	ng/ul	
11) Acenaphthene	14.661	153	92785m	3.393	ng/ul	
12) Fluorene	15.647	166	149076m	4.837	ng/ul	
14) Pentachlorophenol	16.982	266	48223m	8.938	ng/ul	
15) Phenanthrene	17.392	178	327808	6.929	ng/ul	98
16) Anthracene	17.489	178	22768m	0.557	ng/ul	
19) Fluoranthene	19.399	202	13649m	0.213	ng/ul	
20) Pyrene	19.766	202	40298m	0.641	ng/ul	
21) Benzo(a)anthracene	21.507	228	2199m	0.051	ng/ul	
22) Chrysene	21.559	228	3384m	0.076	ng/ul	
24) Benzo(b)fluoranthene	23.190	252	1472	0.032	ng/ul#	1

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

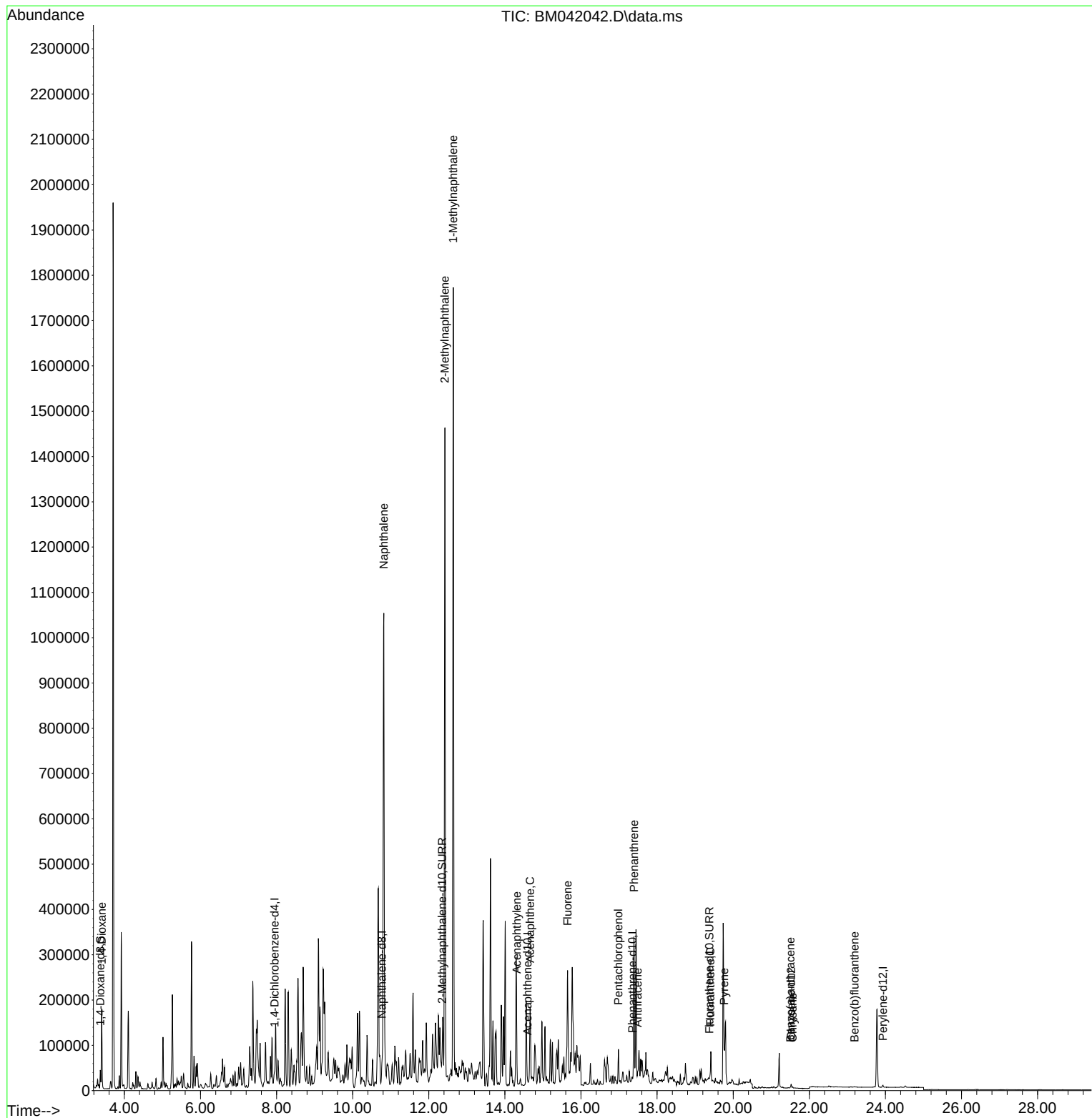
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

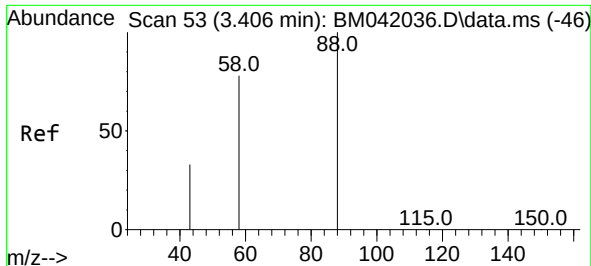
Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

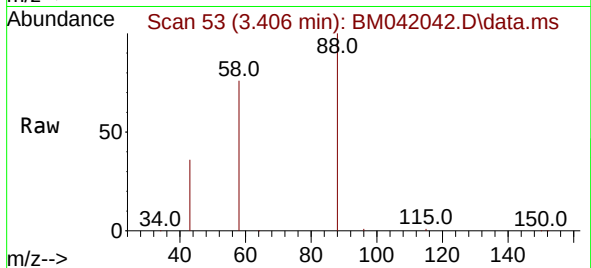
Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 16.056 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

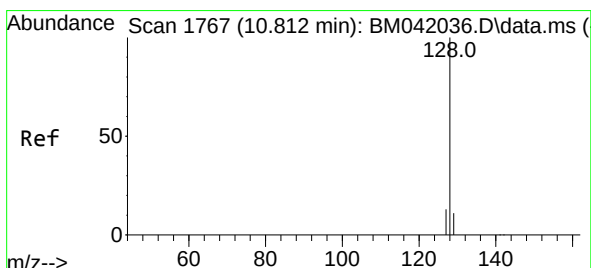
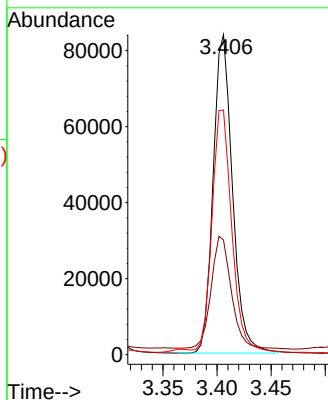
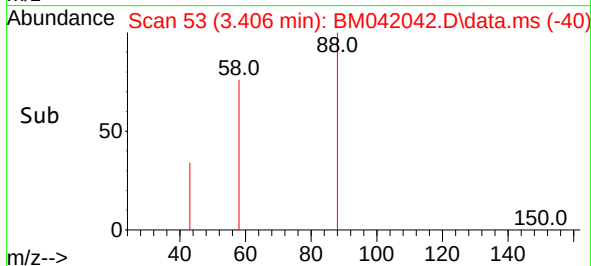
Instrument :
BNA_M
ClientSampleId :
BBBL9



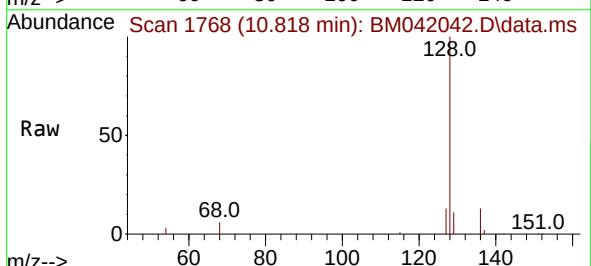
Tgt Ion: 88 Resp: 104439
Ion Ratio Lower Upper
88 100
43 35.9 42.9 64.3
58 76.4 56.4 84.6

Manual Integrations
APPROVED

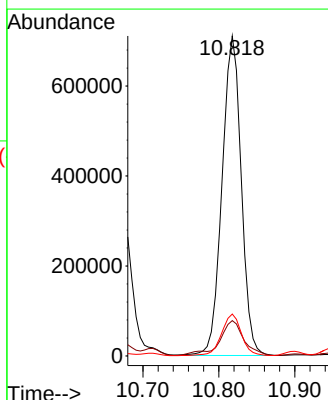
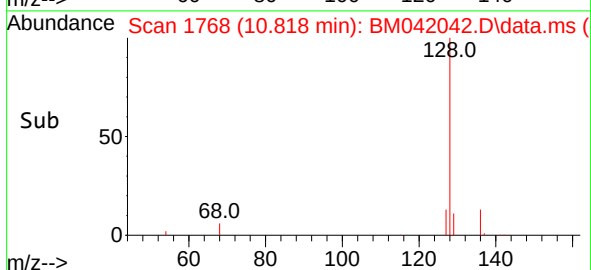
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

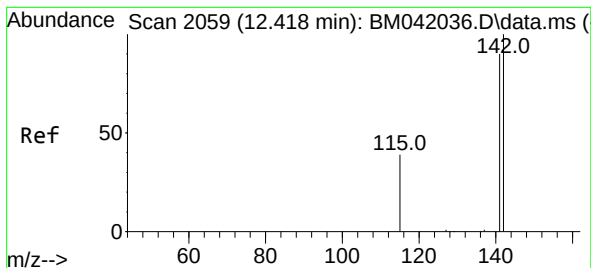


#5
Naphthalene
Concen: 40.358 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00



Tgt Ion:128 Resp: 1243162
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.8 16.2





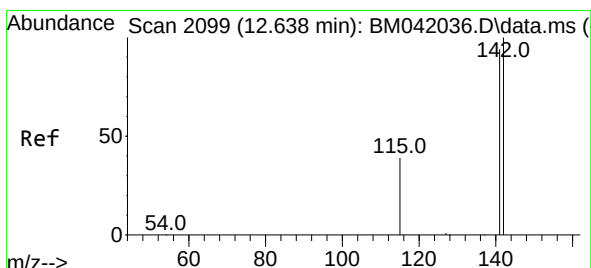
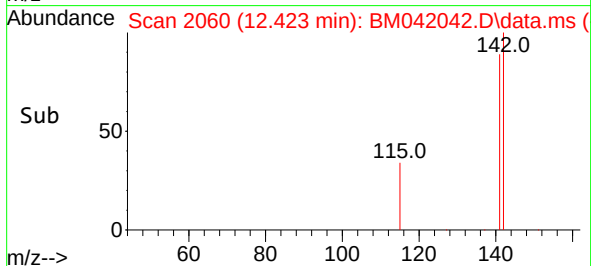
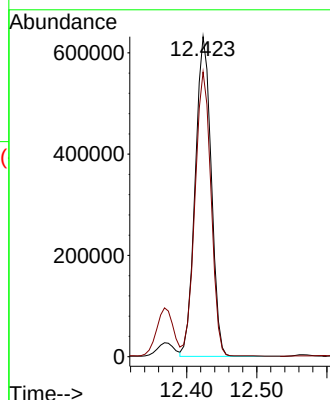
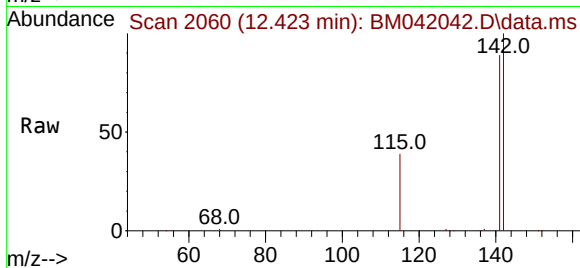
#7
2-Methylnaphthalene
Concen: 54.658 ng/ul
RT: 12.423 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

Instrument :
BNA_M
ClientSampleId :
BBBL9

Tgt Ion:142 Resp: 100363
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1

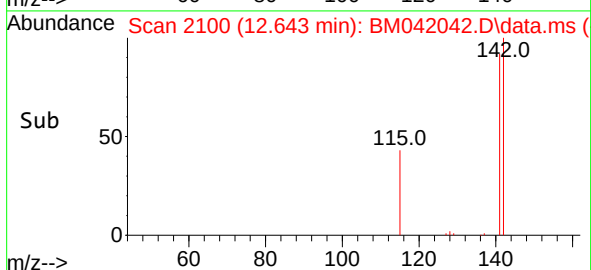
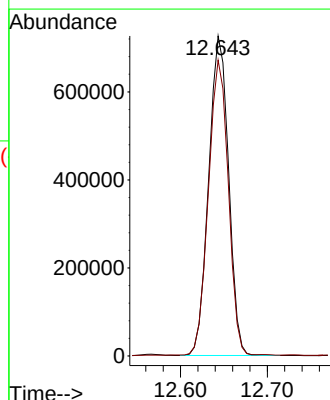
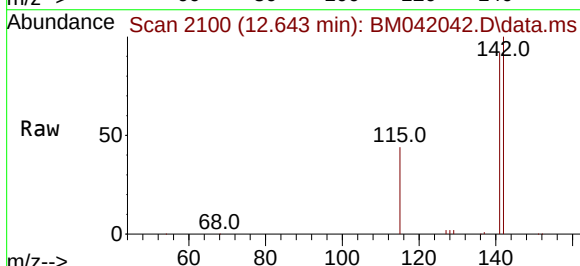
Manual Integrations
APPROVED

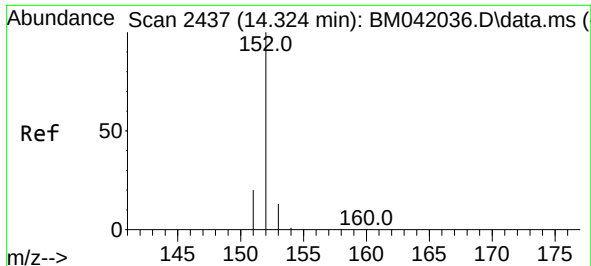
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#8
1-Methylnaphthalene
Concen: 62.007 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

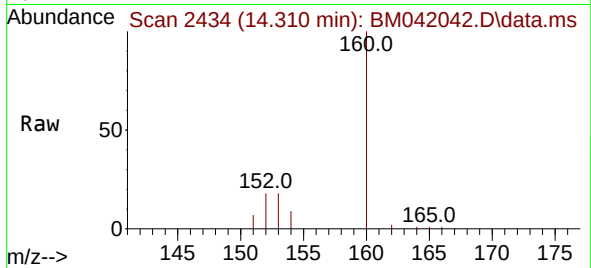
Tgt Ion:142 Resp: 1155920
Ion Ratio Lower Upper
142 100
141 92.2 75.1 112.7





#10
Acenaphthylene
Concen: 0.749 ng/ul m
RT: 14.310 min Scan# 2437
Delta R.T. -0.018 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

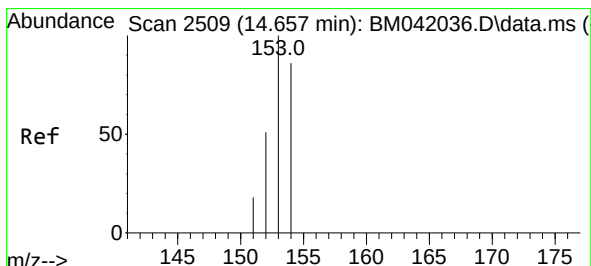
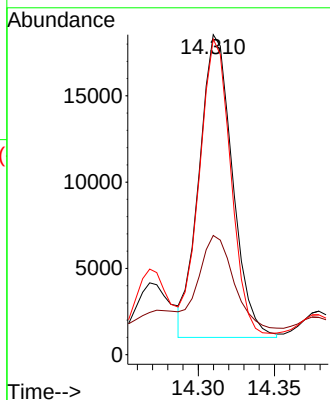
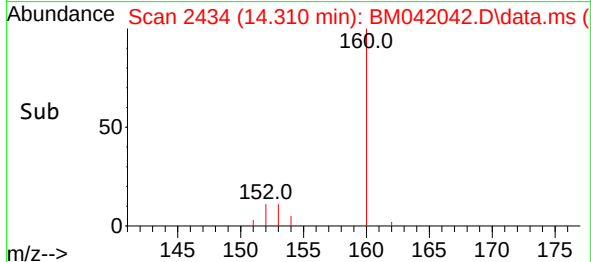
Instrument :
BNA_M
ClientSampleId :
BBBL9



Tgt Ion:152 Resp: 26714
Ion Ratio Lower Upper
152 100
151 37.3 16.2 24.4
153 98.6 10.8 16.2

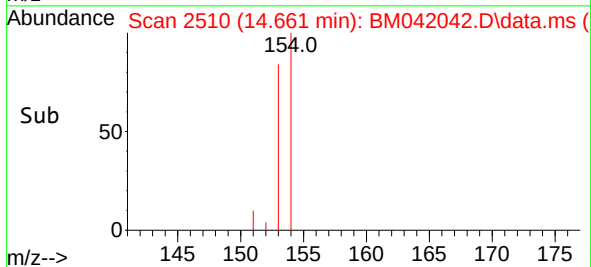
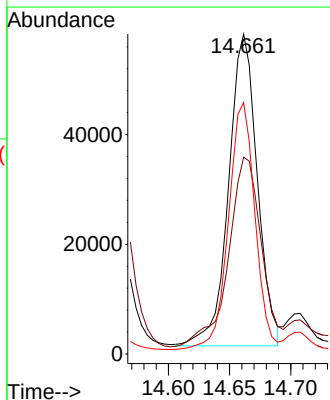
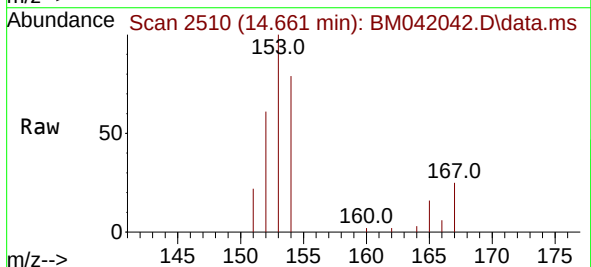
Manual Integrations
APPROVED

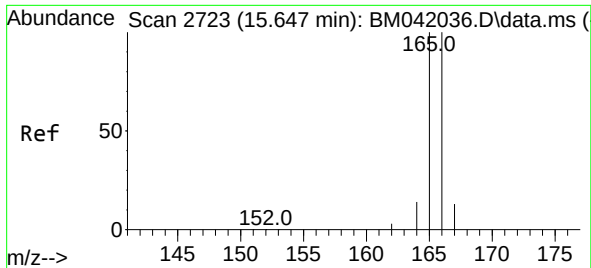
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#11
Acenaphthene
Concen: 3.393 ng/ul m
RT: 14.661 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

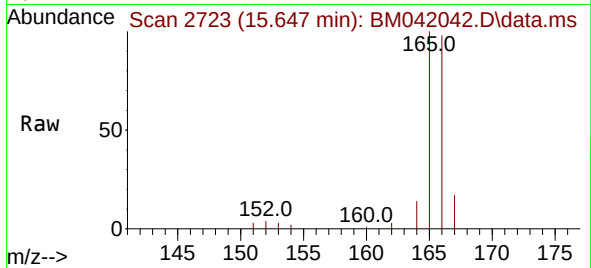
Tgt Ion:153 Resp: 92785
Ion Ratio Lower Upper
153 100
152 61.5 41.8 62.8
154 78.6 69.0 103.6





#12
Fluorene
Concen: 4.837 ng/ul m
RT: 15.647 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

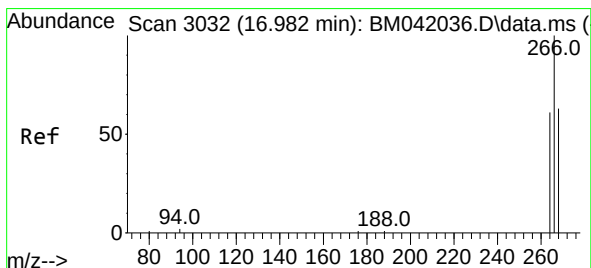
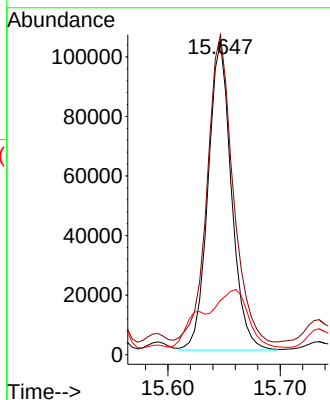
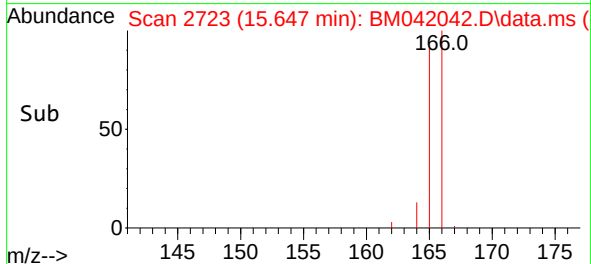
Instrument :
BNA_M
ClientSampleId :
BBBL9



Tgt Ion:166 Resp: 149070
Ion Ratio Lower Upper
166 100
165 102.3 79.8 119.8
167 17.4 11.1 16.7

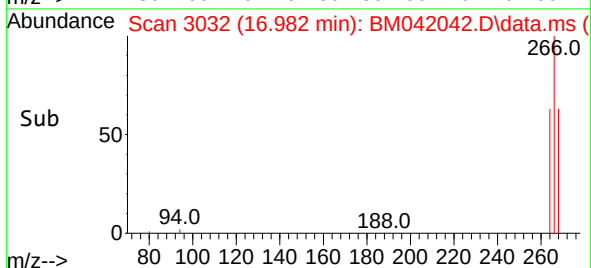
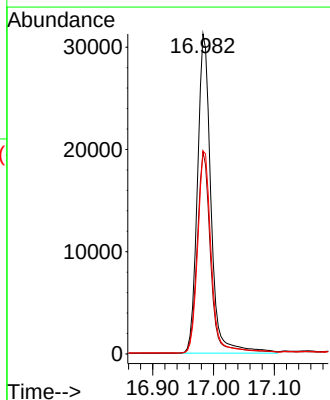
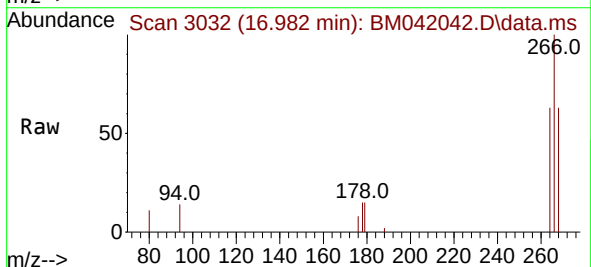
Manual Integrations
APPROVED

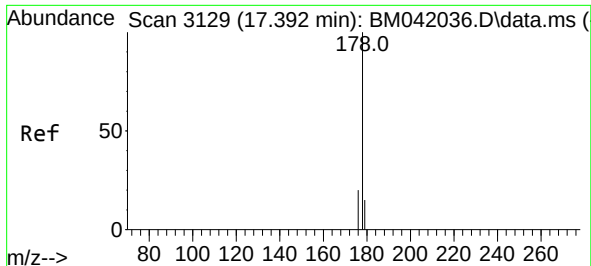
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#14
Pentachlorophenol
Concen: 8.938 ng/ul m
RT: 16.982 min Scan# 3032
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

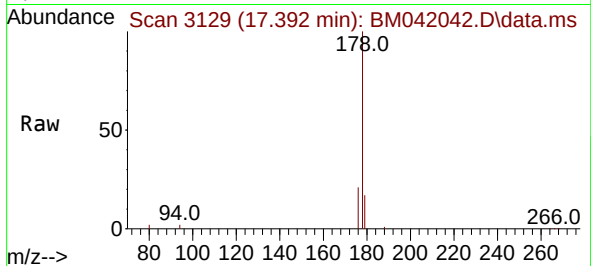
Tgt Ion:266 Resp: 48223
Ion Ratio Lower Upper
266 100
264 0.0 50.2 75.4#
268 0.0 51.0 76.4#





#15
Phenanthrene
Concen: 6.929 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

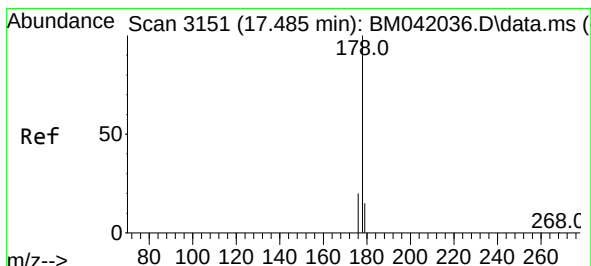
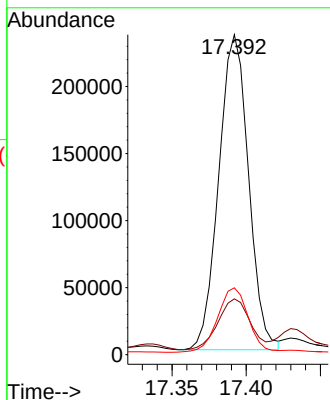
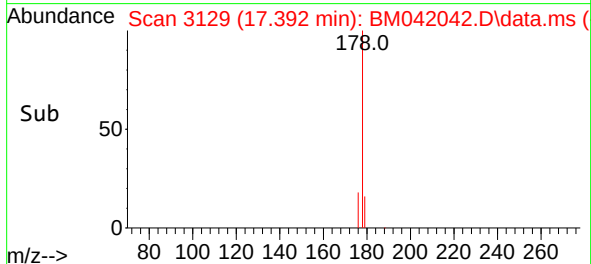
Instrument :
BNA_M
ClientSampleId :
BBBL9



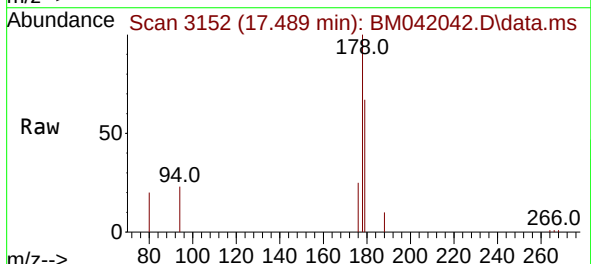
Tgt Ion:178 Resp: 327808
Ion Ratio Lower Upper
178 100
179 17.5 12.7 19.1
176 20.9 16.6 24.8

Manual Integrations
APPROVED

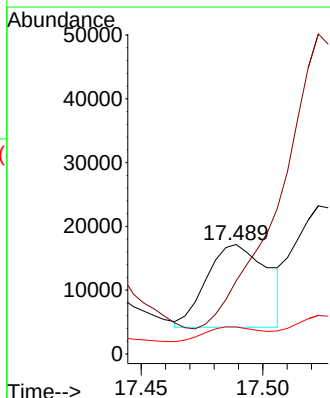
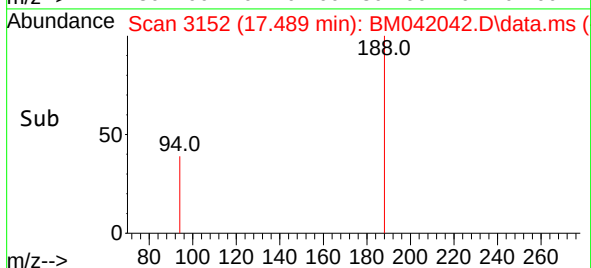
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

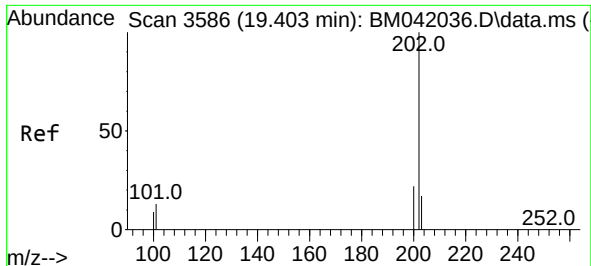


#16
Anthracene
Concen: 0.557 ng/ul m
RT: 17.489 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00



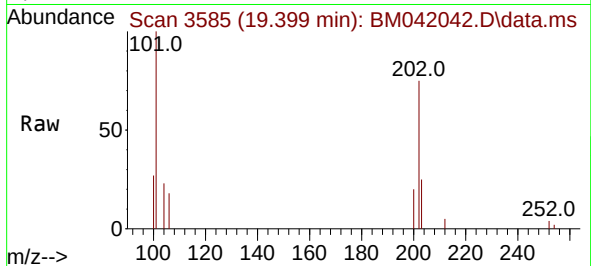
Tgt Ion:178 Resp: 22768
Ion Ratio Lower Upper
178 100
179 66.7 12.9 19.3#
176 24.7 16.2 24.2#





#19
Fluoranthene
Concen: 0.213 ng/ul m
RT: 19.399 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

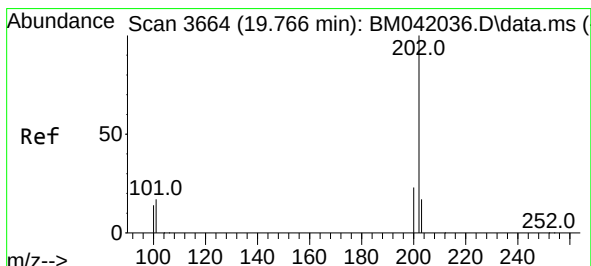
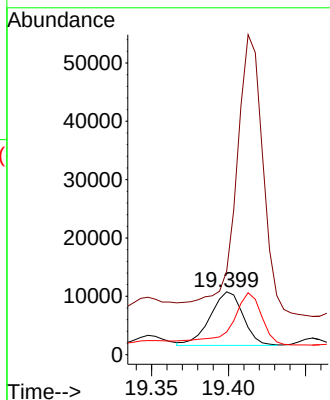
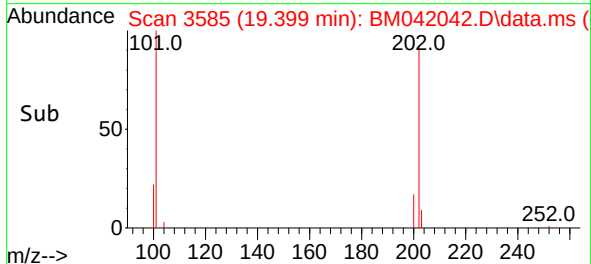
Instrument :
BNA_M
ClientSampleId :
BBBL9



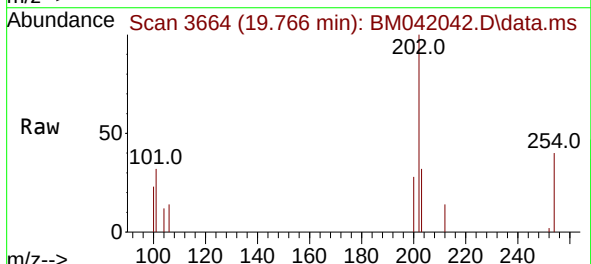
Tgt Ion:202 Resp: 13649
Ion Ratio Lower Upper
202 100
101 132.9 11.8 17.6
100 36.1 9.1 13.7

Manual Integrations
APPROVED

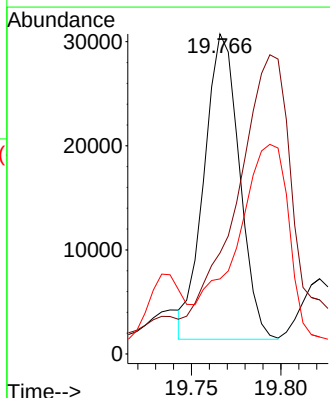
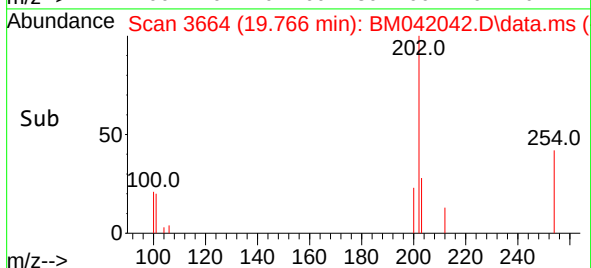
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

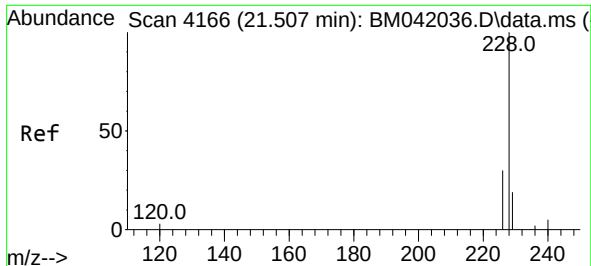


#20
Pyrene
Concen: 0.641 ng/ul m
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00



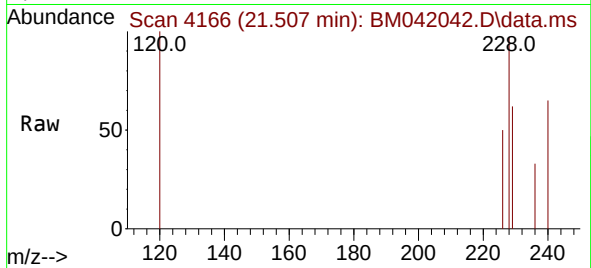
Tgt Ion:202 Resp: 40298
Ion Ratio Lower Upper
202 100
101 31.5 14.1 21.1#
100 23.4 11.4 17.0#





#21
Benzo(a)anthracene
Concen: 0.051 ng/ul m
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

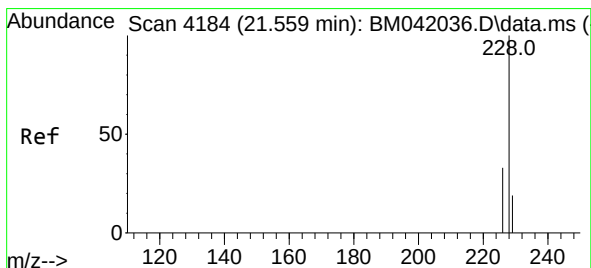
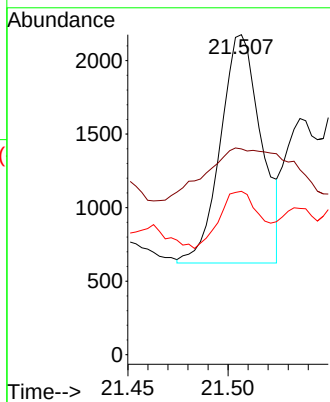
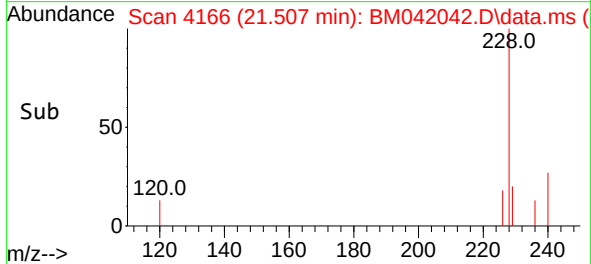
Instrument :
BNA_M
ClientSampleId :
BBBL9



Tgt Ion:228 Resp: 2199
Ion Ratio Lower Upper
228 100
229 64.3 15.5 23.3#
226 51.1 24.8 37.2#

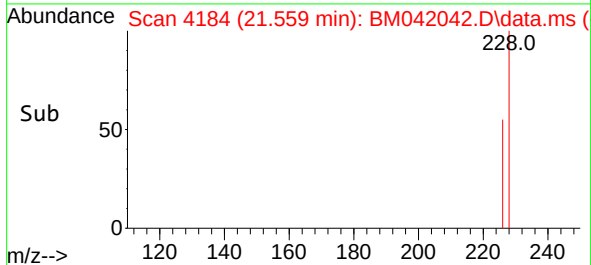
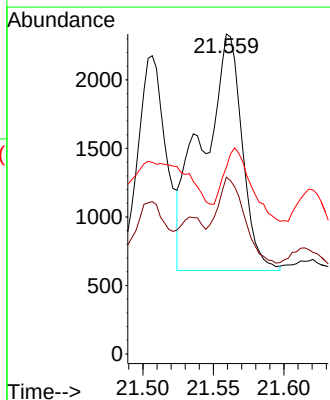
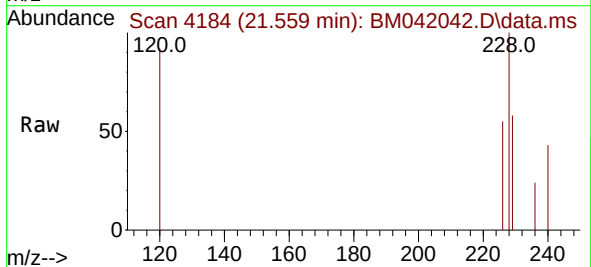
Manual Integrations
APPROVED

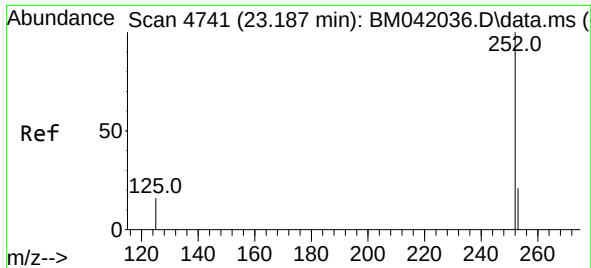
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



#22
Chrysene
Concen: 0.076 ng/ul m
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

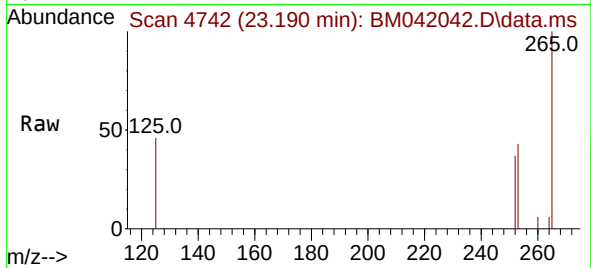
Tgt Ion:228 Resp: 3384
Ion Ratio Lower Upper
228 100
226 55.2 27.8 41.6#
229 58.3 15.6 23.4#





#24
Benzo(b)fluoranthene
Concen: 0.032 ng/ul
RT: 23.190 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM042042.D
Acq: 25 Sep 2023 21:00

Instrument :
BNA_M
ClientSampleId :
BBBL9



Tgt Ion:252 Resp: 1472
Ion Ratio Lower Upper
252 100
253 116.2 0.0 54.4
125 122.8 0.0 46.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023

