

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042211.D
 Acq On : 05 Oct 2023 10:59
 Operator : MA/JU
 Sample : 04588-11DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHP1DL

Manual Integrations
 APPROVED

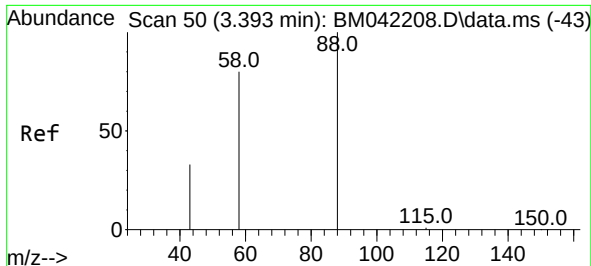
Reviewed By :Yogesh Patel 10/07/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 05:26:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:25:26 2023
 Response via : Initial Calibration

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

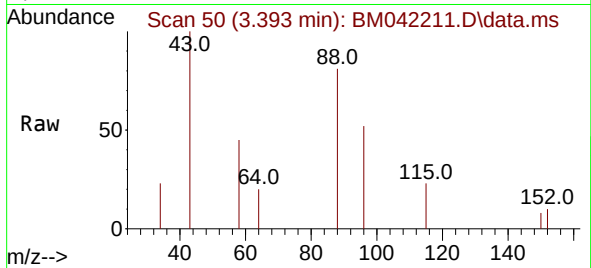
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3451	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.741	136	8208	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	4417	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.329	188	8275	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.507	240	4093	0.400	ng/ul	# 0.00
23) Perylene-d12	23.906	264	4300	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	4786	1.041	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	1288	0.114	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	1509	0.098	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	458	0.095	ng/ul#	56
5) Naphthalene	10.790	128	145638	5.319	ng/ul	96
7) 2-Methylnaphthalene	12.396	142	86478	5.274	ng/ul	97
8) 1-Methylnaphthalene	12.616	142	198799	12.037	ng/ul	100
10) Acenaphthylene	14.287	152	3879	0.139	ng/ul#	1
11) Acenaphthene	14.638	153	9082	0.430	ng/ul#	77
12) Fluorene	15.624	166	17790	0.748	ng/ul#	93
15) Phenanthrene	17.367	178	30792	0.903	ng/ul	97
16) Anthracene	17.460	178	1578	0.051	ng/ul#	65
19) Fluoranthene	19.380	202	1871	0.060	ng/ul#	75
20) Pyrene	19.747	202	3880m	0.117	ng/ul	
21) Benzo(a)anthracene	21.489	228	1537	0.058	ng/ul#	77
22) Chrysene	21.545	228	1255	0.049	ng/ul#	74
24) Benzo(b)fluoranthene	23.167	252	1175	0.046	ng/ul#	1
26) Benzo(a)pyrene	23.798	252	715	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	27.179	276	970	0.037	ng/ul#	49

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



#2
1,4-Dioxane
Concen: 0.095 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

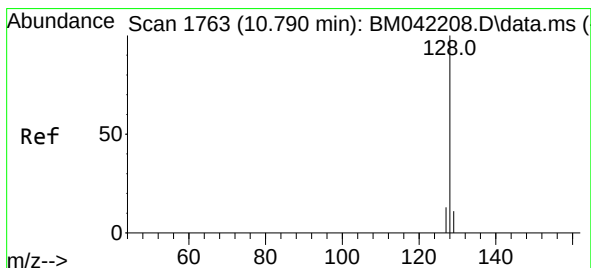
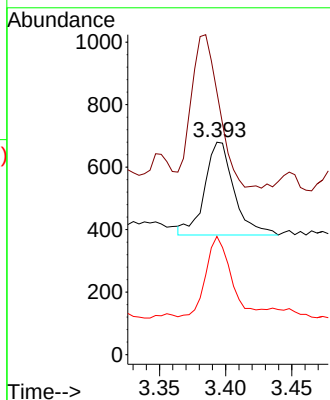
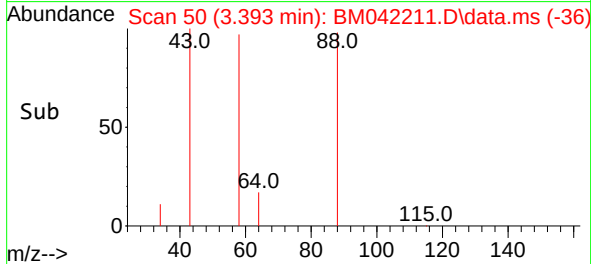
Instrument :
BNA_M
ClientSampleId :
BBHP1DL



Tgt Ion: 88 Resp: 458
Ion Ratio Lower Upper
88 100
43 123.5 52.1 78.1
58 55.6 53.8 80.6

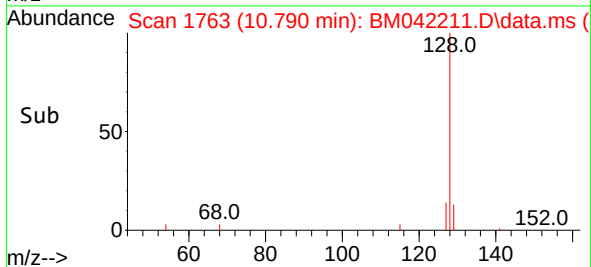
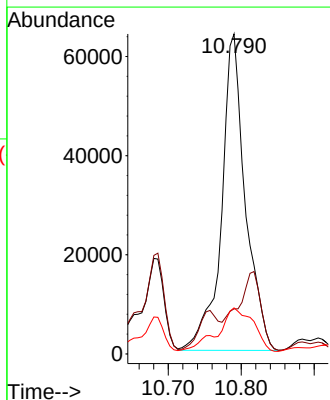
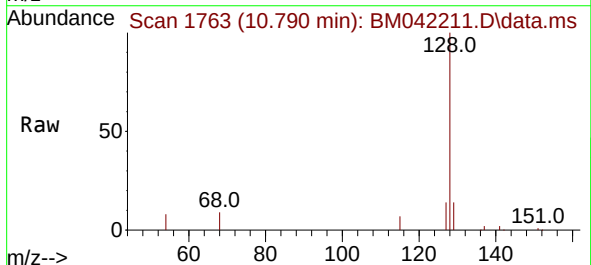
Manual Integrations
APPROVED

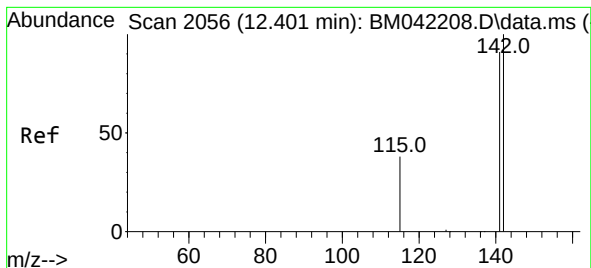
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023



#5
Naphthalene
Concen: 5.319 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

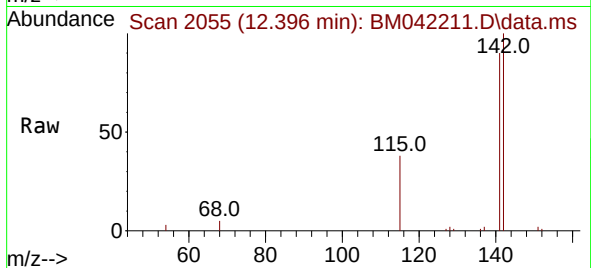
Tgt Ion:128 Resp: 145638
Ion Ratio Lower Upper
128 100
129 14.1 9.4 14.2
127 14.4 11.0 16.4





#7
2-Methylnaphthalene
Concen: 5.274 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

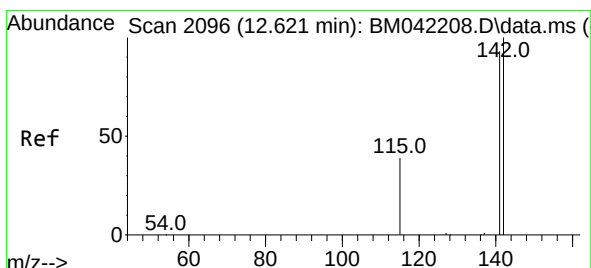
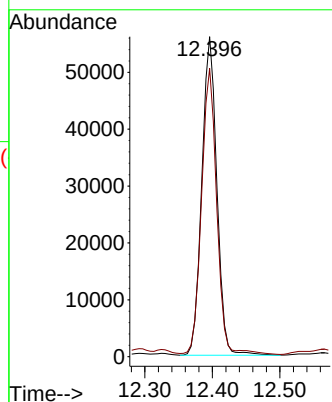
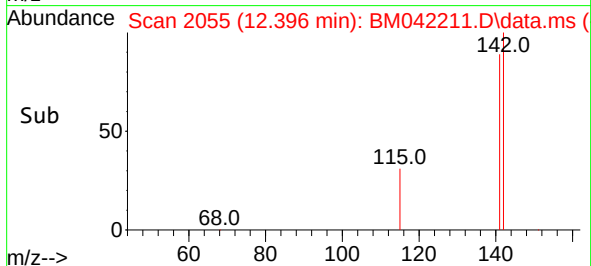
Instrument :
BNA_M
ClientSampleId :
BBHP1DL



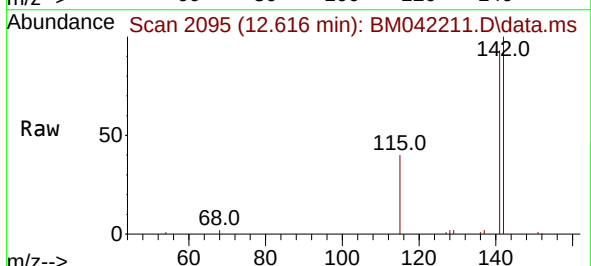
Tgt Ion:142 Resp: 86478
Ion Ratio Lower Upper
142 100
141 90.6 70.2 105.4

Manual Integrations
APPROVED

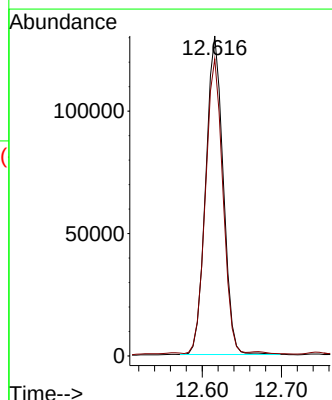
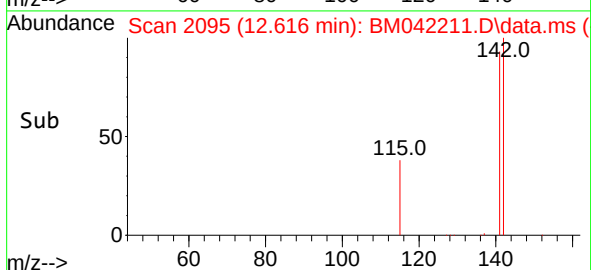
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

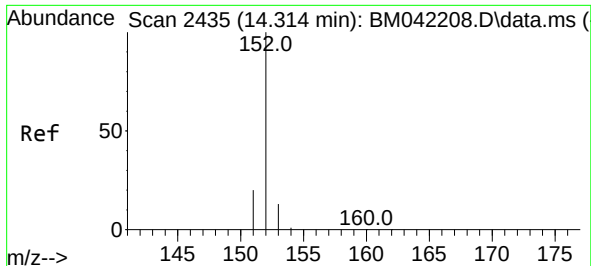


#8
1-Methylnaphthalene
Concen: 12.037 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59



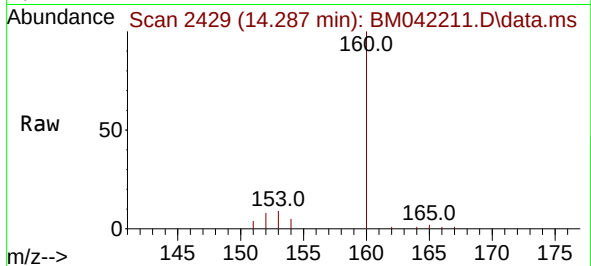
Tgt Ion:142 Resp: 198799
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3





#10
Acenaphthylene
Concen: 0.139 ng/u1
RT: 14.287 min Scan# 2429
Delta R.T. -0.028 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

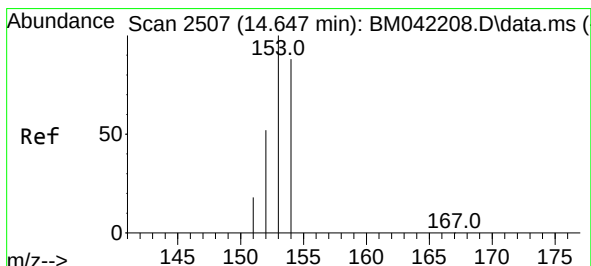
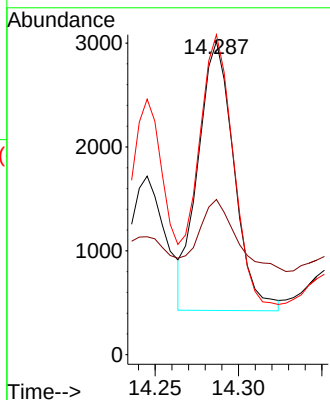
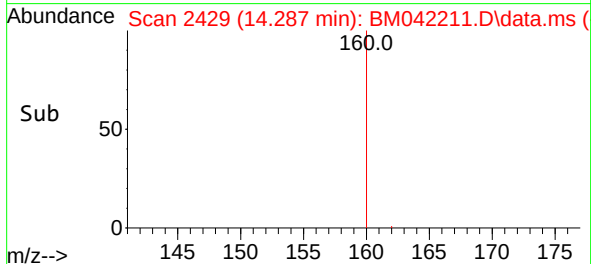
Instrument :
BNA_M
ClientSampleId :
BBHP1DL



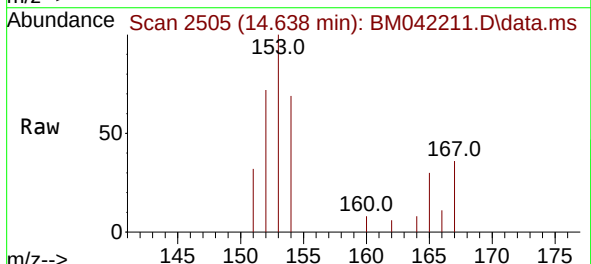
Tgt Ion:152 Resp: 3879
Ion Ratio Lower Upper
152 100
151 49.6 16.4 24.6#
153 102.2 10.9 16.3#

Manual Integrations
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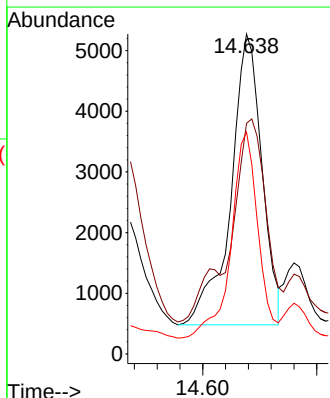
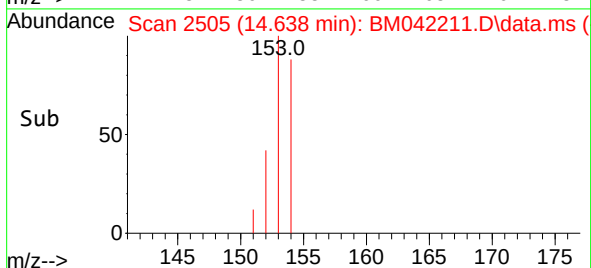
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

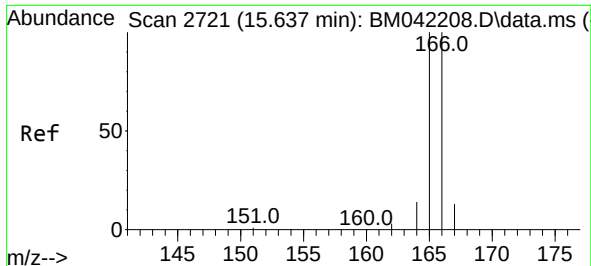


#11
Acenaphthene
Concen: 0.430 ng/u1
RT: 14.638 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59



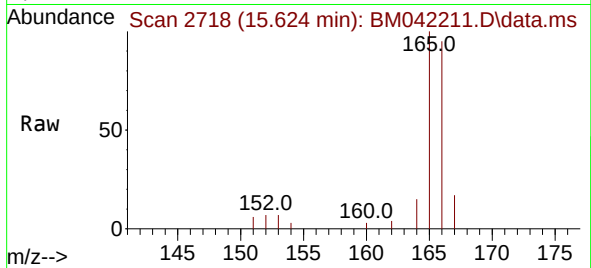
Tgt Ion:153 Resp: 9082
Ion Ratio Lower Upper
153 100
152 72.0 41.1 61.7#
154 69.3 69.5 104.3#





#12
Fluorene
Concen: 0.748 ng/ul
RT: 15.624 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

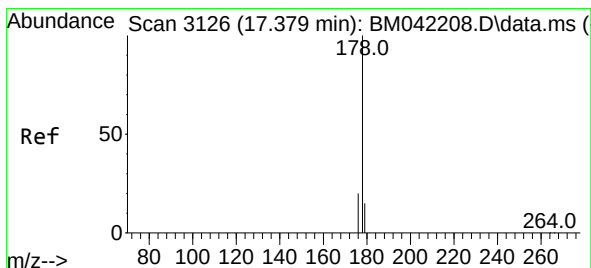
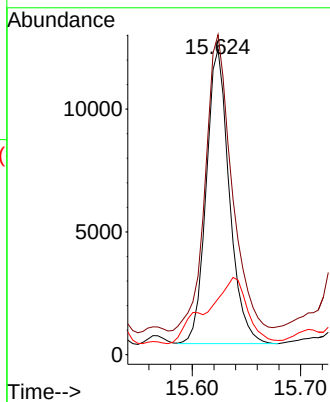
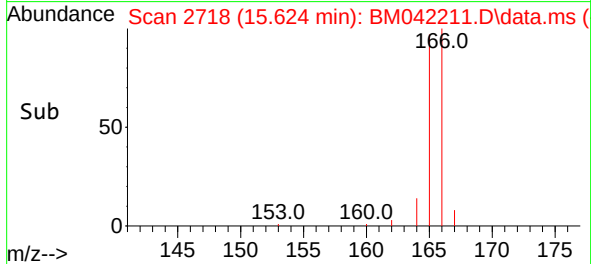
Instrument :
BNA_M
ClientSampleId :
BBHP1DL



Tgt Ion:166 Resp: 17790
Ion Ratio Lower Upper
166 100
165 104.8 78.4 117.6
167 18.3 11.5 17.3

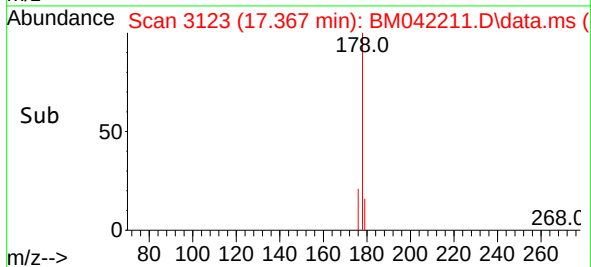
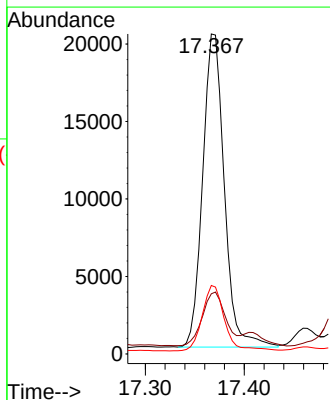
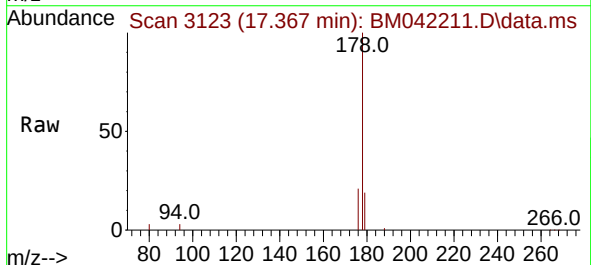
Manual Integrations
APPROVED

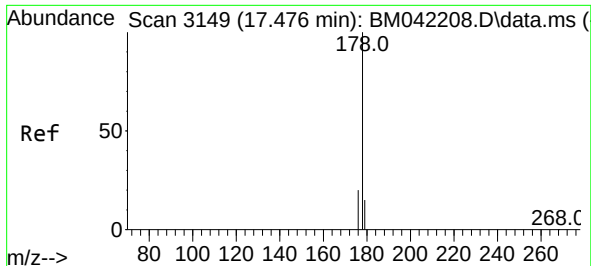
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023



#15
Phenanthrene
Concen: 0.903 ng/ul
RT: 17.367 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

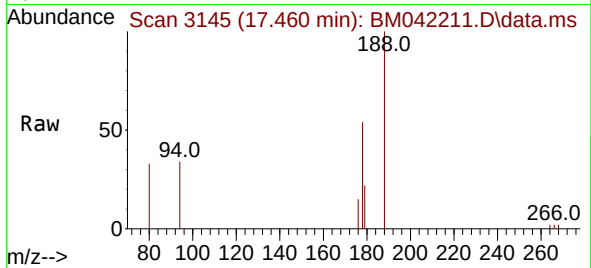
Tgt Ion:178 Resp: 30792
Ion Ratio Lower Upper
178 100
179 18.8 13.0 19.4
176 21.4 16.8 25.2





#16
 Anthracene
 Concen: 0.051 ng/ul
 RT: 17.460 min Scan# 3145
 Delta R.T. -0.017 min
 Lab File: BM042211.D
 Acq: 05 Oct 2023 10:59

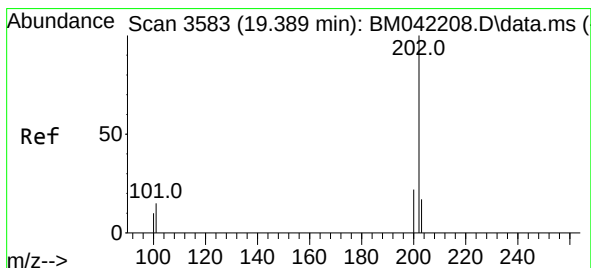
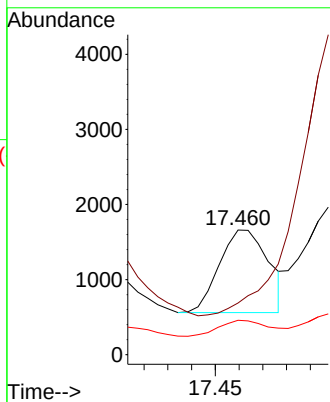
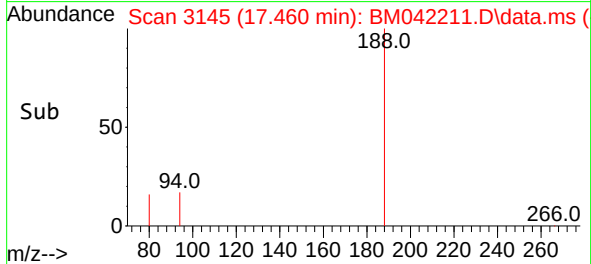
Instrument :
 BNA_M
 ClientSampleId :
 BBHP1DL



Tgt Ion:178 Resp: 1578
 Ion Ratio Lower Upper
 178 100
 179 41.5 12.9 19.3#
 176 27.6 16.3 24.5#

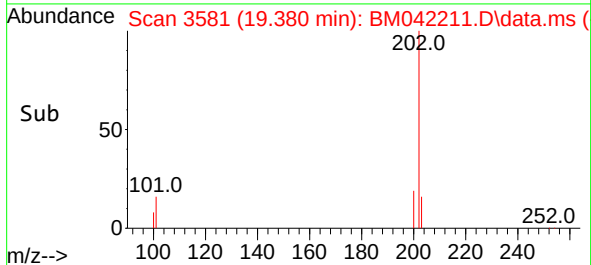
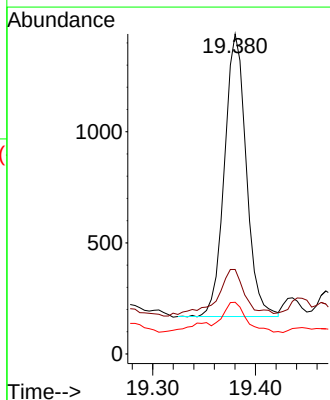
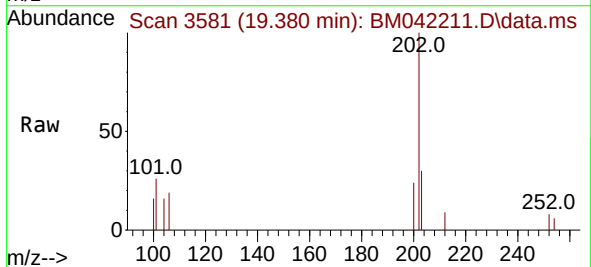
Manual Integrations
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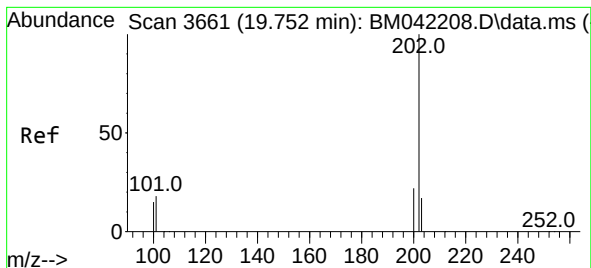
Reviewed By :Yogesh Patel 10/07/2023
 Supervised By :mohammad ahmed 10/07/2023



#19
 Fluoranthene
 Concen: 0.060 ng/ul
 RT: 19.380 min Scan# 3581
 Delta R.T. -0.009 min
 Lab File: BM042211.D
 Acq: 05 Oct 2023 10:59

Tgt Ion:202 Resp: 1871
 Ion Ratio Lower Upper
 202 100
 101 26.4 11.1 16.7#
 100 16.2 8.2 12.2#





#20

Pyrene

Concen: 0.117 ng/ul m

RT: 19.747 min Scan# 3

Delta R.T. -0.004 min

Lab File: BM042211.D

Acq: 05 Oct 2023 10:59

Instrument :

BNA_M

ClientSampleId :

BBHP1DL

Tgt Ion:202 Resp: 3880

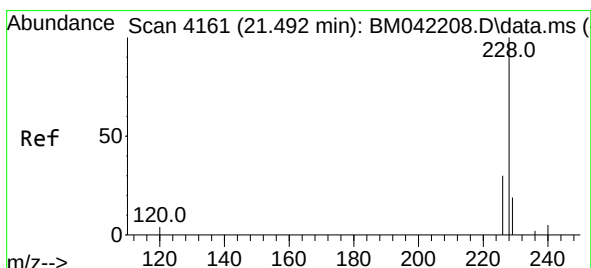
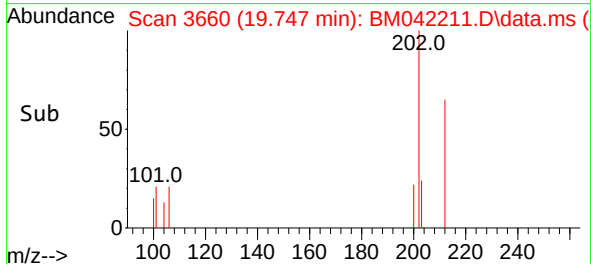
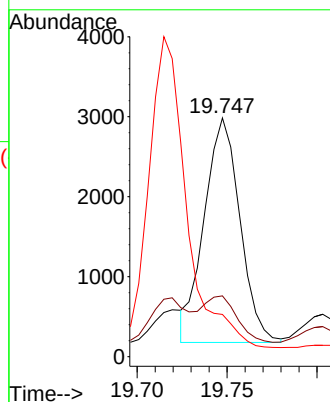
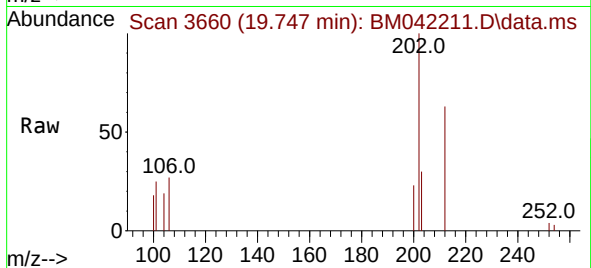
Ion	Ratio	Lower	Upper
202	100		
101	25.5	12.7	19.1
100	17.7	9.9	14.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/07/2023

Supervised By :mohammad ahmed 10/07/2023



#21

Benzo(a)anthracene

Concen: 0.058 ng/ul

RT: 21.489 min Scan# 4160

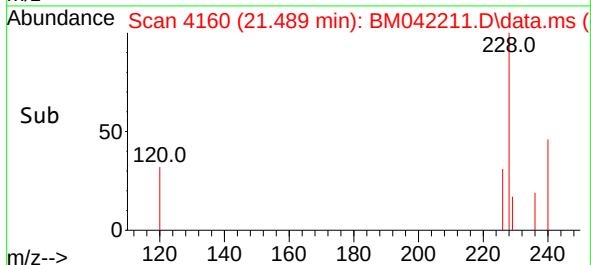
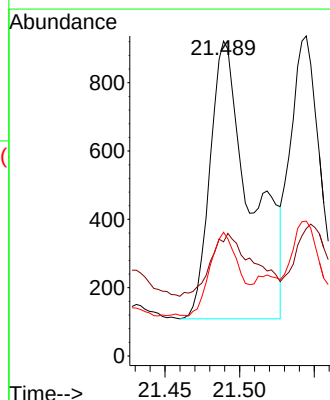
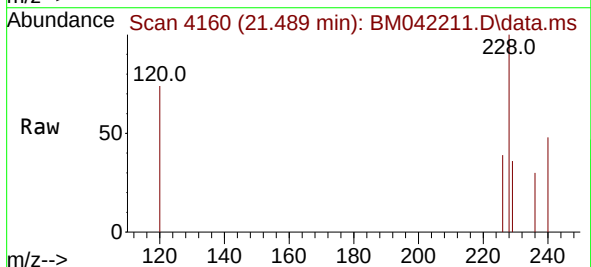
Delta R.T. -0.003 min

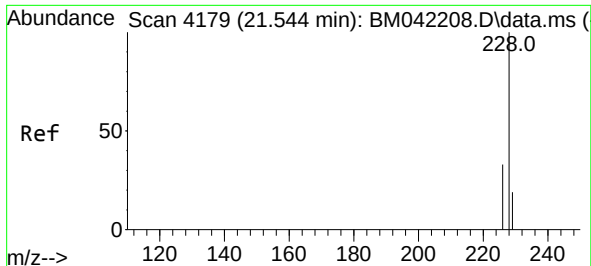
Lab File: BM042211.D

Acq: 05 Oct 2023 10:59

Tgt Ion:228 Resp: 1537

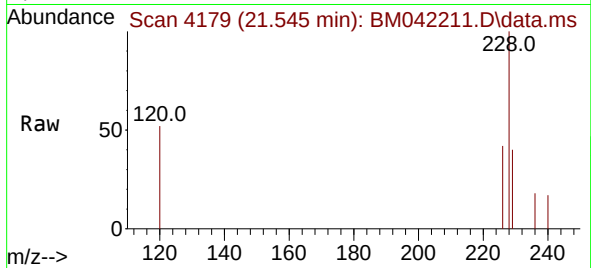
Ion	Ratio	Lower	Upper
228	100		
229	36.2	15.8	23.8
226	39.3	24.6	37.0





#22
Chrysene
Concen: 0.049 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

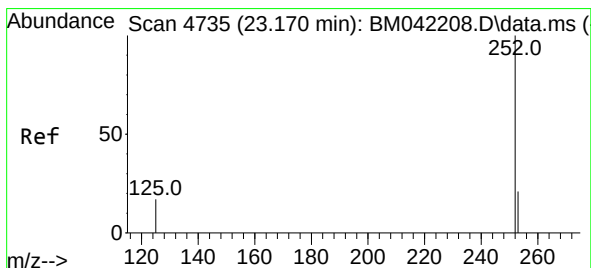
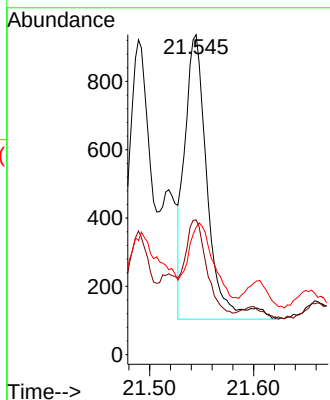
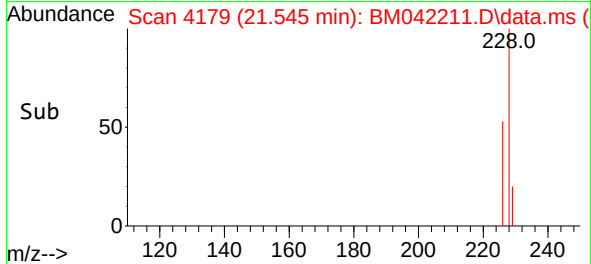
Instrument :
BNA_M
ClientSampleId :
BBHP1DL



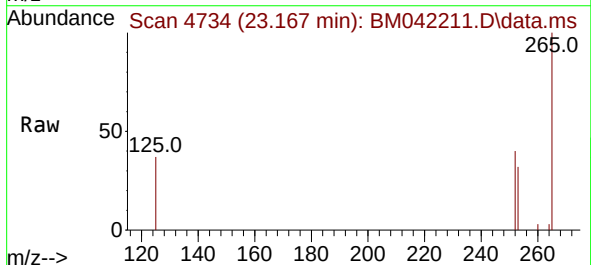
Tgt Ion:228 Resp: 125
Ion Ratio Lower Upper
228 100
226 42.2 26.7 40.1#
229 39.8 15.8 23.8#

Manual Integrations
APPROVED

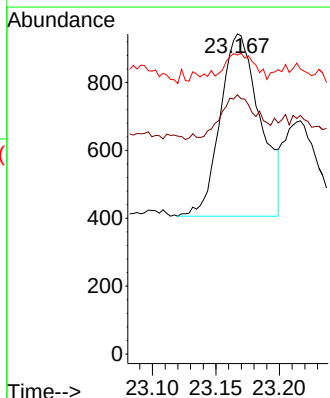
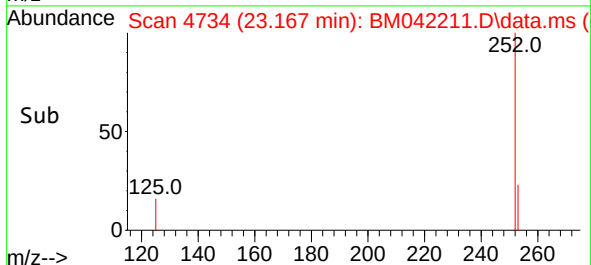
Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023

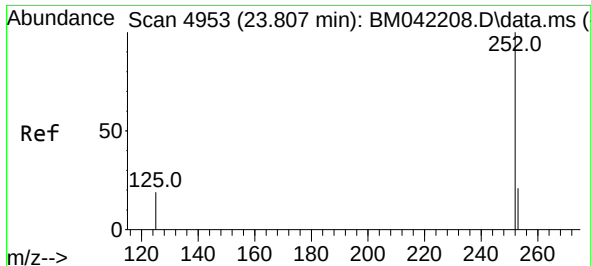


#24
Benzo(b)fluoranthene
Concen: 0.046 ng/ul
RT: 23.167 min Scan# 4734
Delta R.T. -0.003 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59



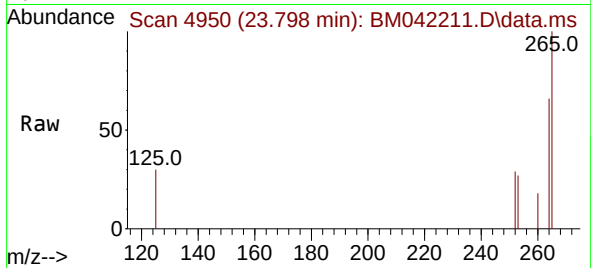
Tgt Ion:252 Resp: 1175
Ion Ratio Lower Upper
252 100
253 81.0 0.0 59.0#
125 93.4 0.0 49.6#





#26
Benzo(a)pyrene
Concen: 0.033 ng/u1
RT: 23.798 min Scan# 4953
Delta R.T. -0.009 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

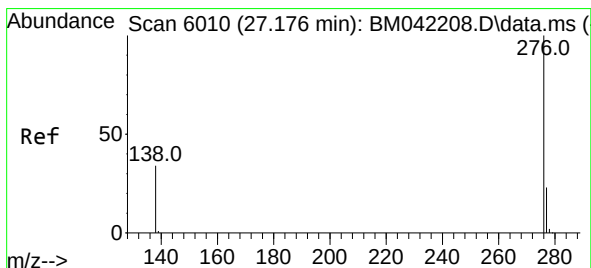
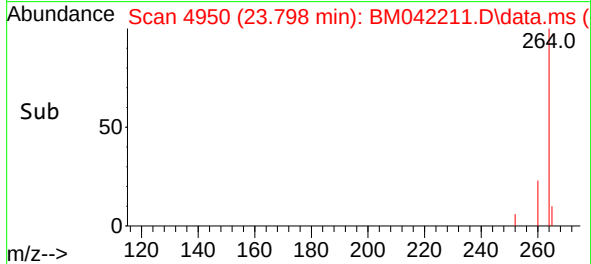
Instrument :
BNA_M
ClientSampleId :
BBHP1DL



Tgt Ion:252 Resp: 715
Ion Ratio Lower Upper
252 100
253 93.3 25.3 37.9#
125 104.0 23.2 34.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2023
Supervised By :mohammad ahmed 10/07/2023



#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/u1
RT: 27.179 min Scan# 6011
Delta R.T. 0.004 min
Lab File: BM042211.D
Acq: 05 Oct 2023 10:59

Tgt Ion:276 Resp: 970
Ion Ratio Lower Upper
276 100
138 66.8 26.8 40.2#
277 45.3 20.1 30.1#

