

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040558.D
 Acq On : 03 Jul 2023 02:52
 Operator : MA/JU
 Sample : 03245-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 06:50:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	8822	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.734	136	32213	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.568	164	16150	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	32553	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18153	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	19210	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	24019	1.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	6000	0.133	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	9568	0.164	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.784	128	3046	0.034	ng/ul#	85
7) 2-Methylnaphthalene	12.395	142	1863	0.036	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	1348	0.026	ng/ul	100
10) Acenaphthylene	14.290	152	7273	0.101	ng/ul#	93
12) Fluorene	15.618	166	1900	0.029	ng/ul#	94
15) Phenanthrene	17.358	178	32521	0.322	ng/ul	99
16) Anthracene	17.451	178	6633	0.078	ng/ul#	89
19) Fluoranthene	19.375	202	68952	0.894	ng/ul	98
20) Pyrene	19.737	202	48766m	0.590	ng/ul	
21) Benzo(a)anthracene	21.486	228	26673	0.434	ng/ul	93
22) Chrysene	21.541	228	30119	0.430	ng/ul#	94
24) Benzo(b)fluoranthene	23.181	252	47387	0.637	ng/ul	90
25) Benzo(k)fluoranthene	23.219	252	15818m	0.216	ng/ul	
26) Benzo(a)pyrene	23.809	252	28768	0.430	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.420	276	27818	0.298	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.430	278	7976	0.109	ng/ul#	50
29) Benzo(g,h,i)perylene	27.192	276	27961	0.342	ng/ul#	85

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

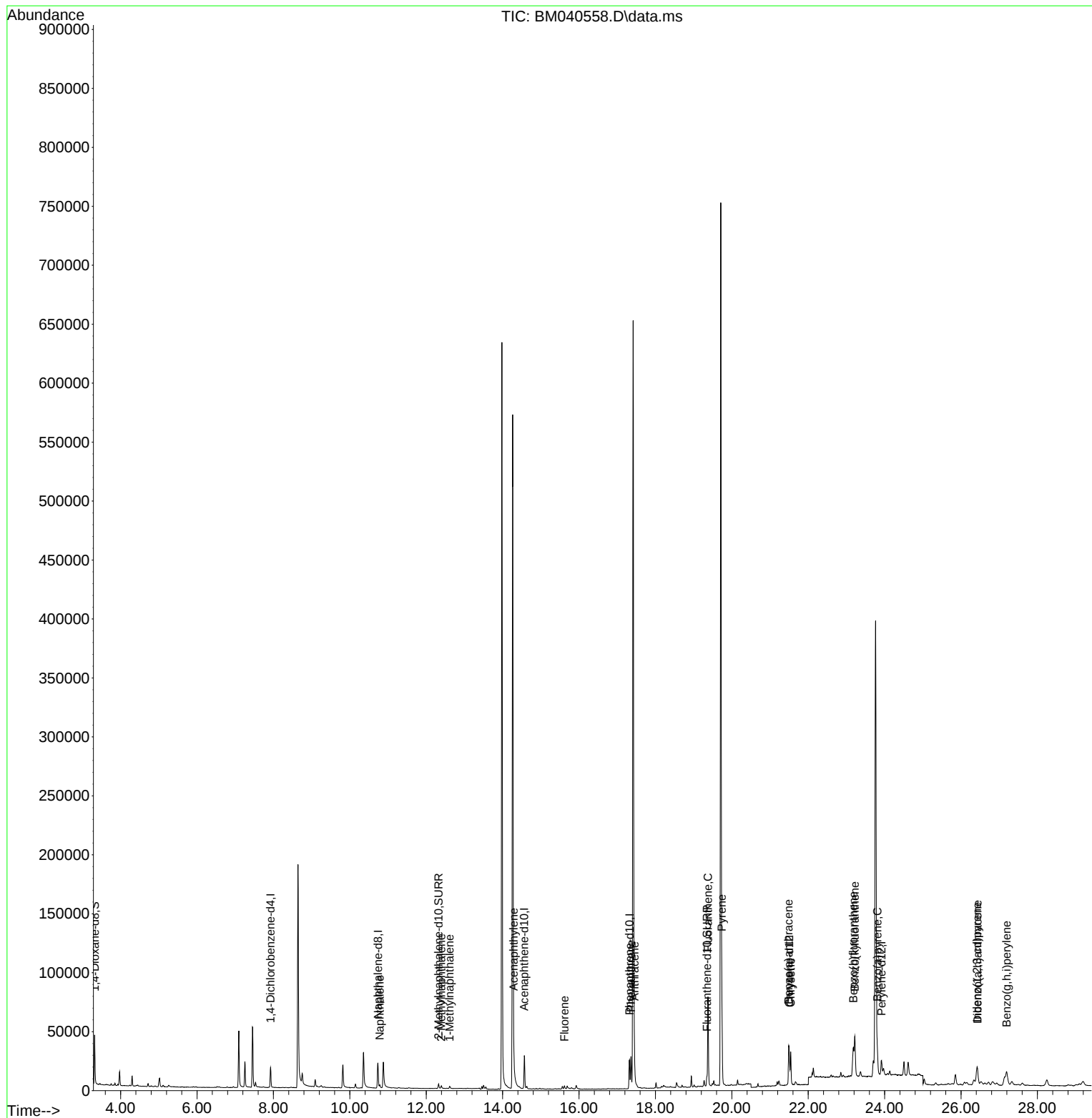
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040558.D
Acq On : 03 Jul 2023 02:52
Operator : MA/JU
Sample : 03245-01
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ALS Vial : 63 Sample Multiplier: 1

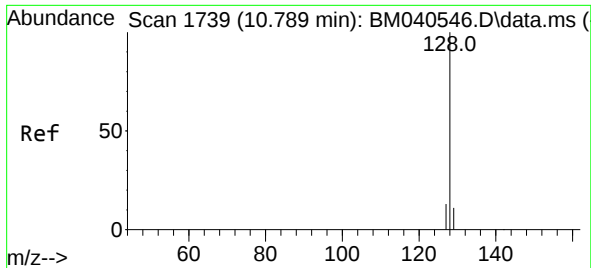
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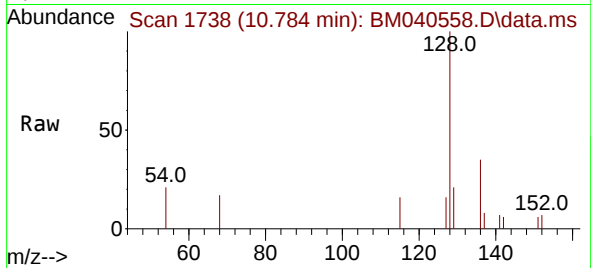
Quant Time: Jul 03 06:50:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.784 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

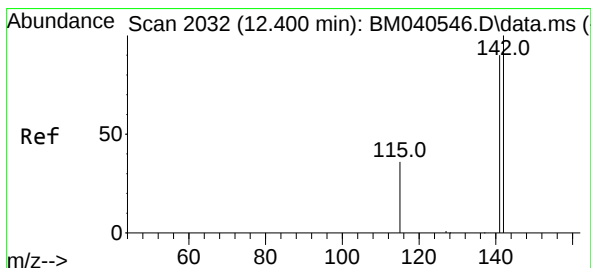
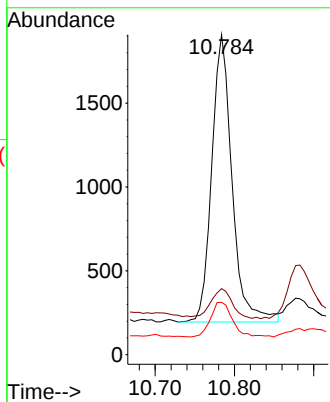
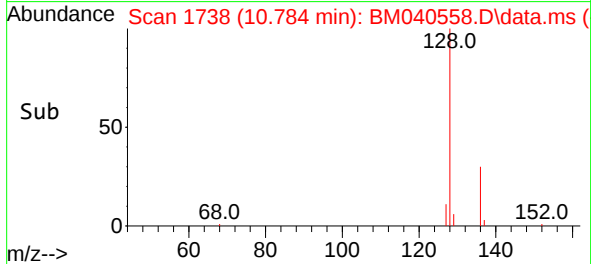
Instrument :
BNA_M
ClientSampleId :
DCGA7



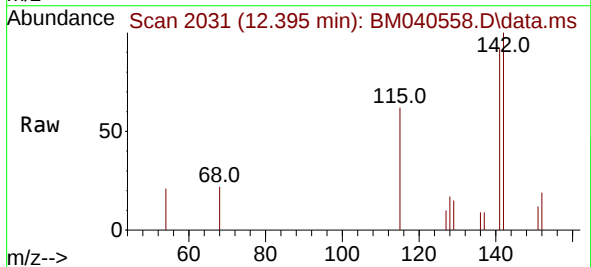
Tgt Ion:128 Resp: 3040
Ion Ratio Lower Upper
128 100
129 20.6 9.2 13.8
127 16.4 10.6 15.8

Manual Integrations
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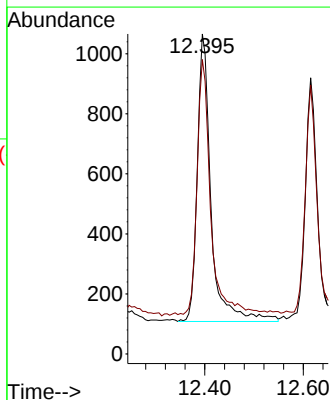
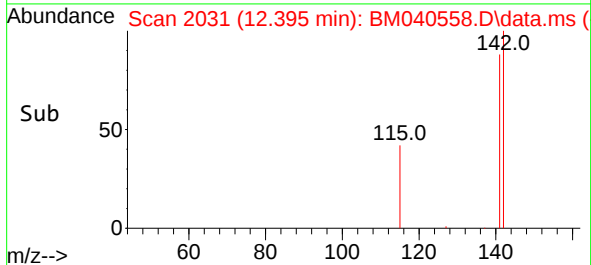
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

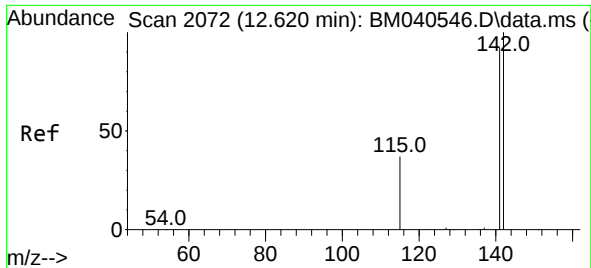


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52



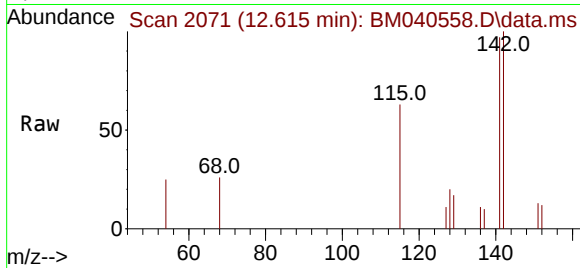
Tgt Ion:142 Resp: 1863
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

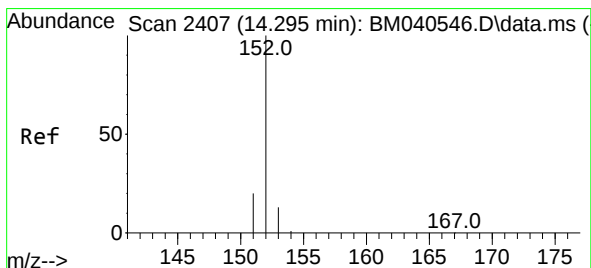
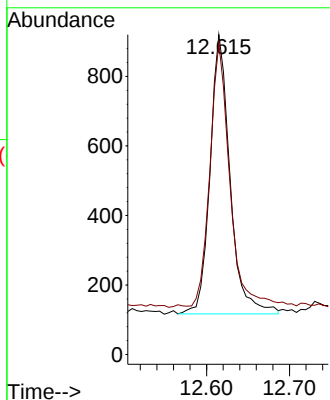
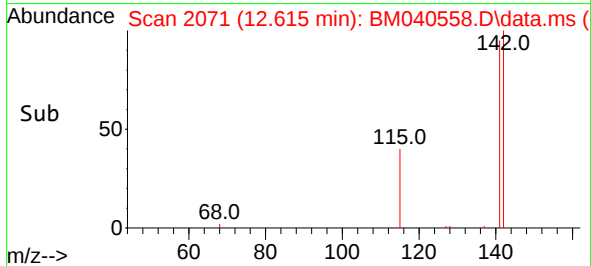
Instrument :
BNA_M
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Tgt Ion:142 Resp: 1348
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

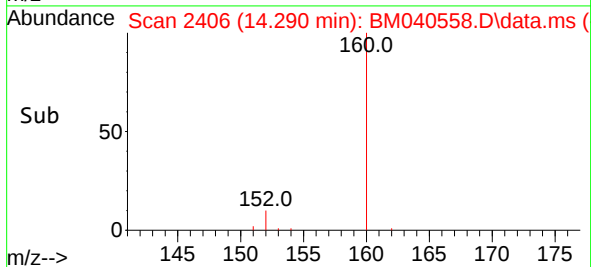
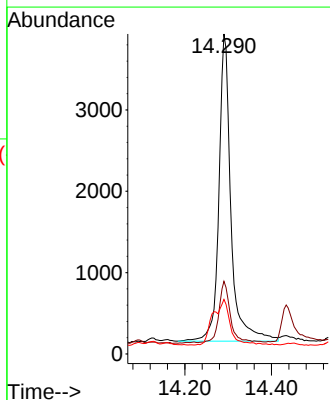
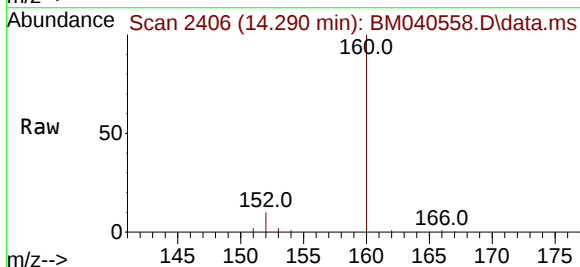
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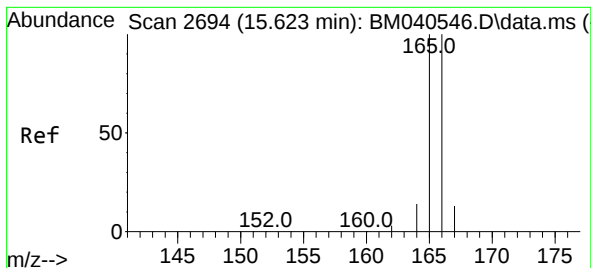
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

Tgt Ion:152 Resp: 7273
Ion Ratio Lower Upper
152 100
151 22.7 16.2 24.2
153 17.1 10.9 16.3#





#12

Fluorene

Concen: 0.029 ng/ul

RT: 15.618 min Scan# 2693

Delta R.T. -0.014 min

Lab File: BM040558.D

Acq: 03 Jul 2023 02:52

Instrument :

BNA_M

ClientSampleId :

DCGA7

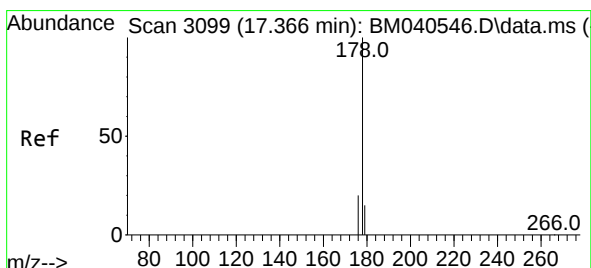
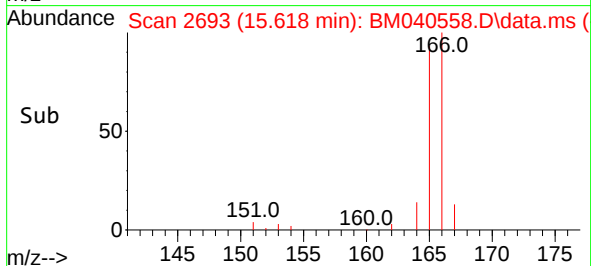
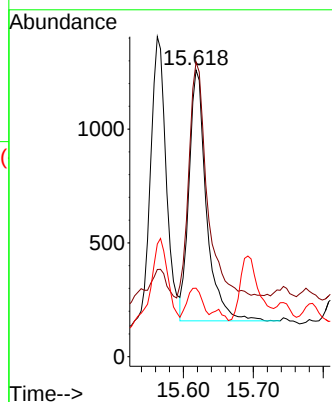
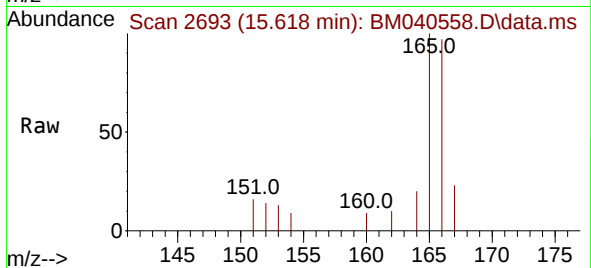
Tgt Ion:	166	Resp:	1900
Ion Ratio	Lower	Upper	
166	100		
165	102.7	79.6	119.4
167	23.9	11.4	17.0

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#15

Phenanthrene

Concen: 0.322 ng/ul

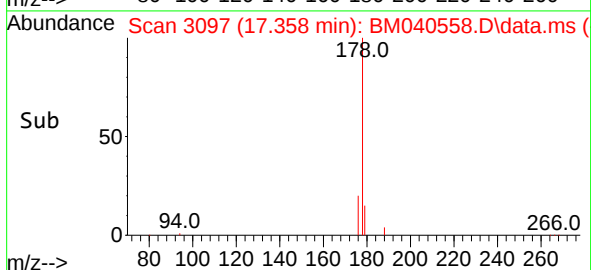
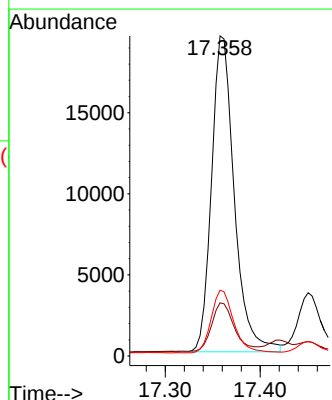
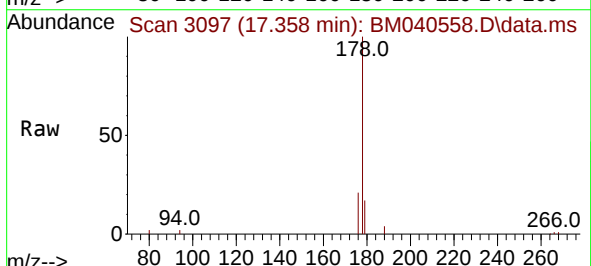
RT: 17.358 min Scan# 3097

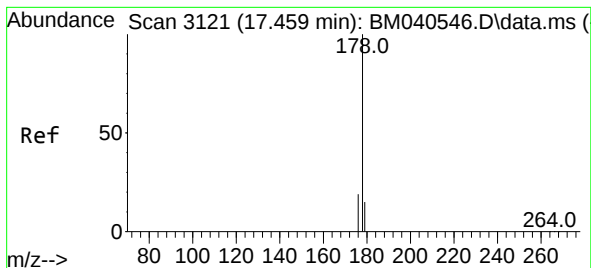
Delta R.T. -0.012 min

Lab File: BM040558.D

Acq: 03 Jul 2023 02:52

Tgt Ion:	178	Resp:	32521
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.8	19.2
176	20.6	16.4	24.6





#16

Anthracene

Concen: 0.078 ng/ul

RT: 17.451 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BM040558.D

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Instrument :

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ClientSampleId :

DCGA7

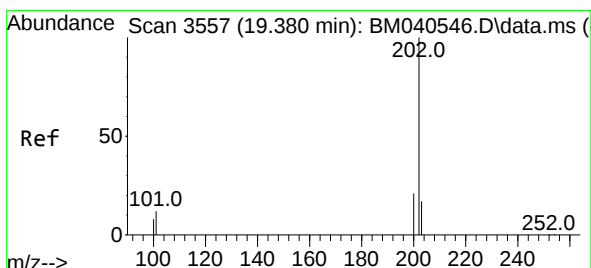
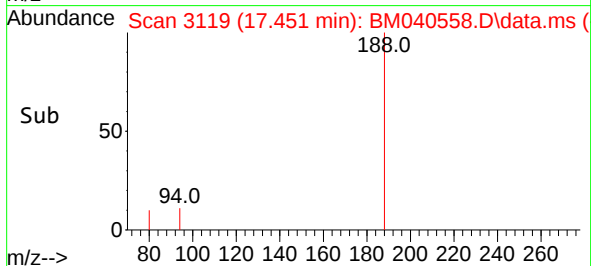
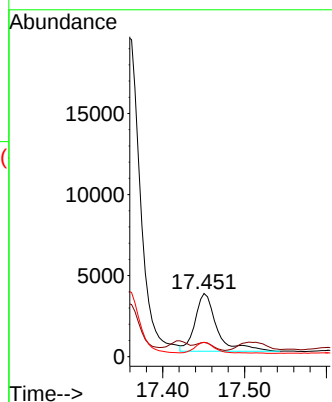
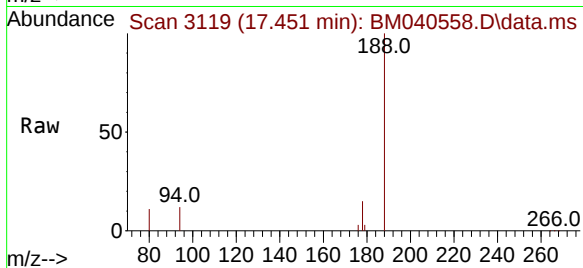
Tgt Ion:178	Resp:	663
Ion Ratio	Lower	Upper
178	100	
179	22.5	12.9 19.3
176	22.8	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#19

Fluoranthene

Concen: 0.894 ng/ul

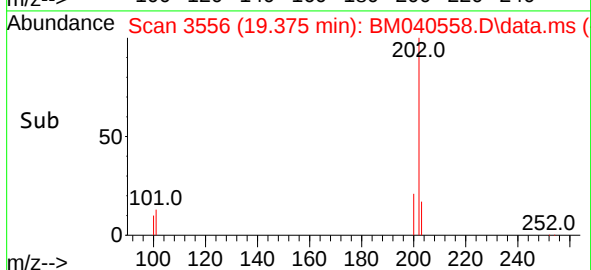
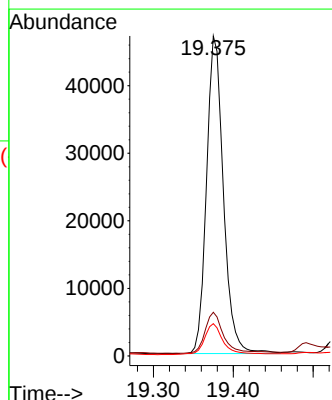
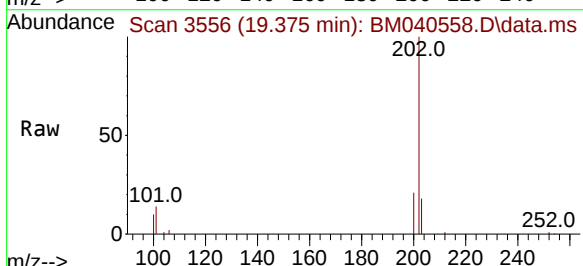
RT: 19.375 min Scan# 3556

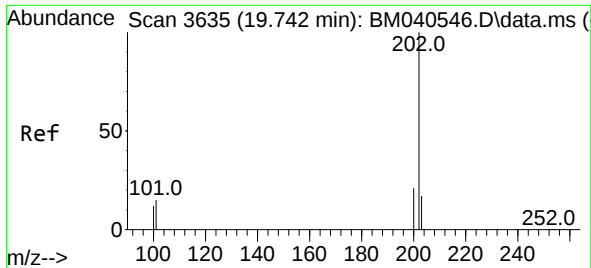
Delta R.T. -0.009 min

Lab File: BM040558.D

Acq: 03 Jul 2023 02:52

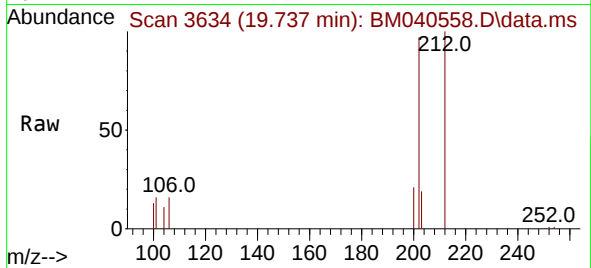
Tgt Ion:202	Resp:	68952
Ion Ratio	Lower	Upper
202	100	
101	13.7	11.4 17.0
100	10.1	8.7 13.1





#20
Pyrene
Concen: 0.590 ng/ul m
RT: 19.737 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

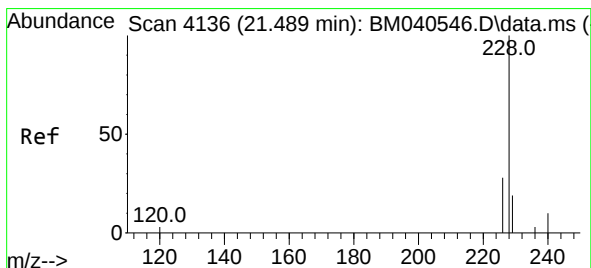
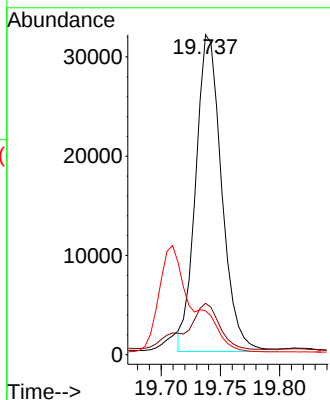
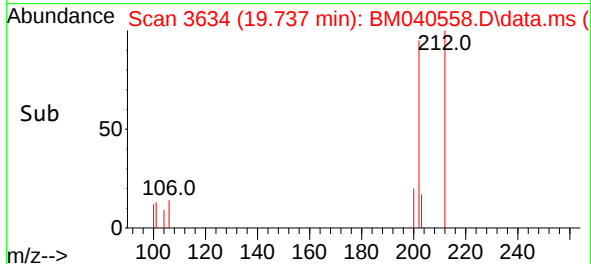
Instrument :
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ClientSampleId :
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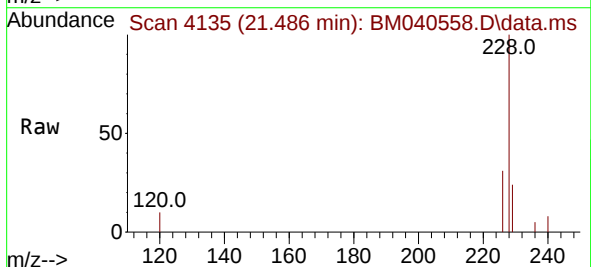
Tgt Ion:202 Resp: 48760
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 13.7 9.8 14.6

Manual Integrations
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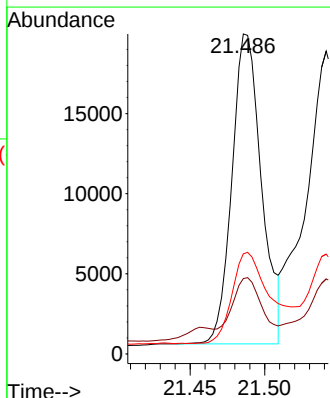
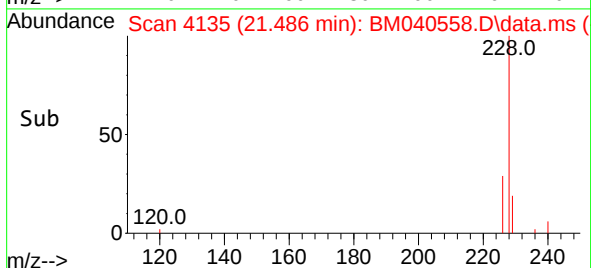
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

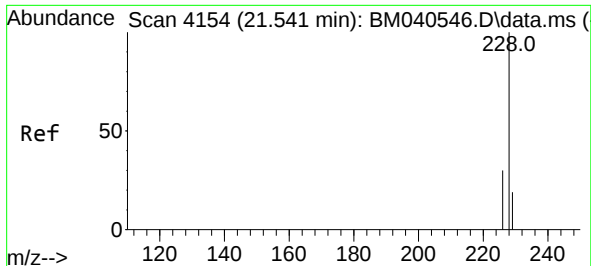


#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52



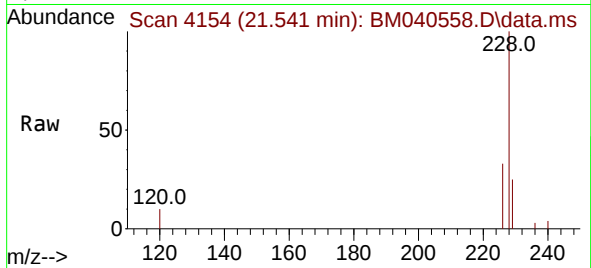
Tgt Ion:228 Resp: 26673
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 31.3 22.3 33.5





#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

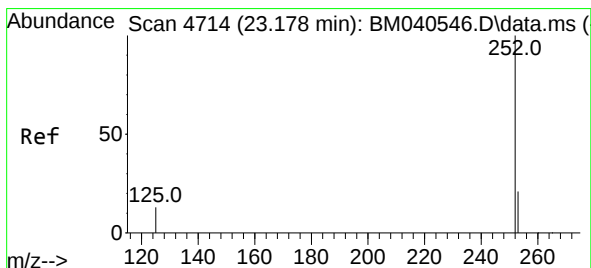
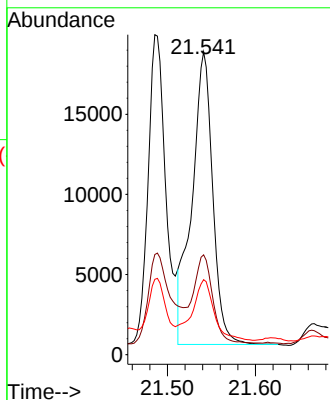
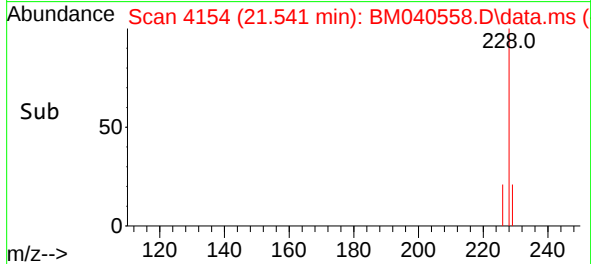
Instrument :
BNA_M
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Tgt Ion:228 Resp: 30119
Ion Ratio Lower Upper
228 100
226 33.0 24.9 37.3
229 24.8 15.8 23.6

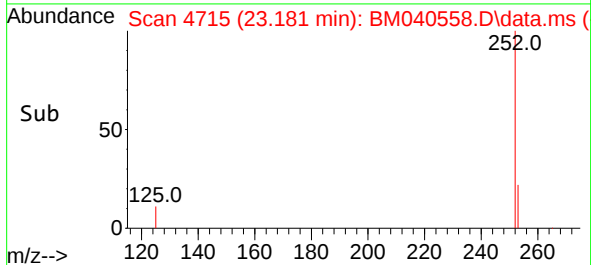
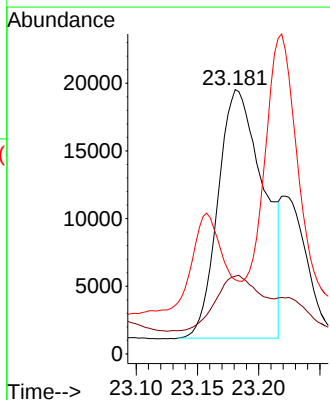
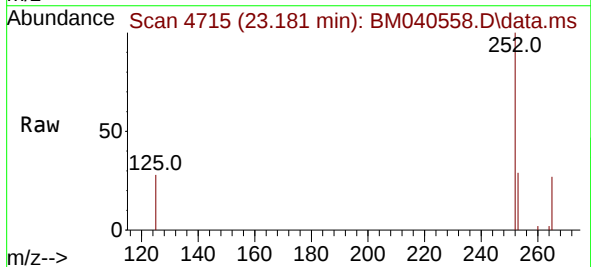
Manual Integrations
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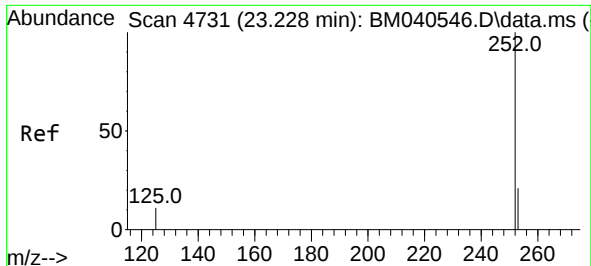
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#24
Benzo(b)fluoranthene
Concen: 0.637 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

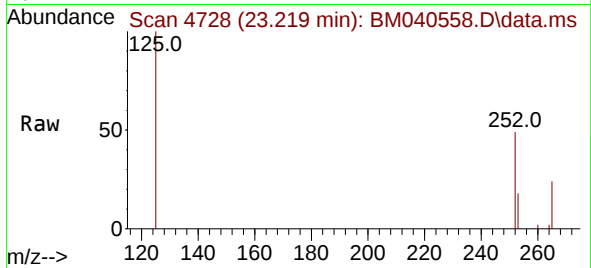
Tgt Ion:252 Resp: 47387
Ion Ratio Lower Upper
252 100
253 29.4 0.0 52.8
125 28.1 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.216 ng/ul m
RT: 23.219 min Scan# 4731
Delta R.T. -0.009 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

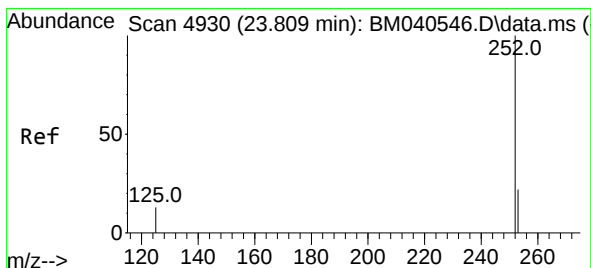
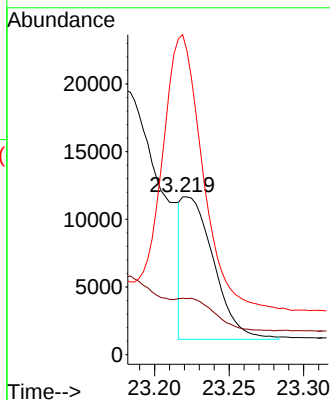
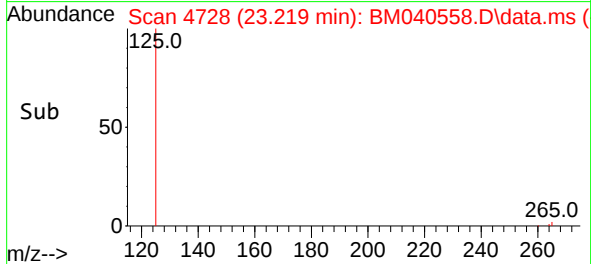
Instrument :
BNA_M
ClientSampleId :
DCGA7



Tgt Ion:252 Resp: 15818
Ion Ratio Lower Upper
252 100
253 35.8 21.2 31.8
125 202.8 16.4 24.6

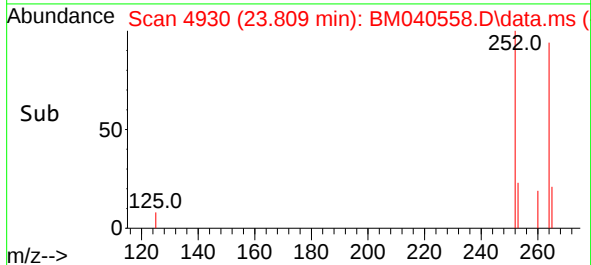
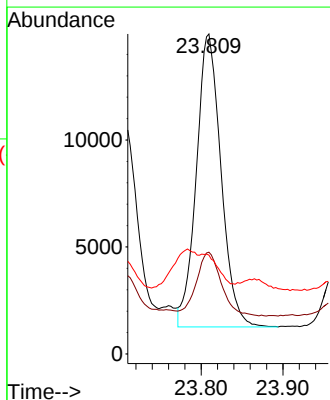
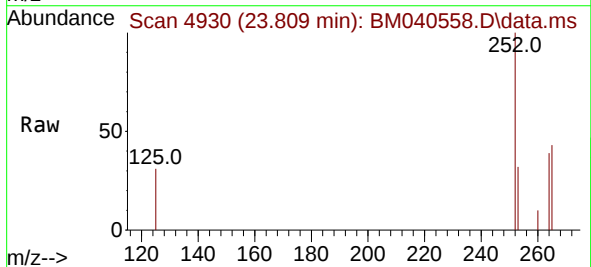
Manual Integrations
APPROVED

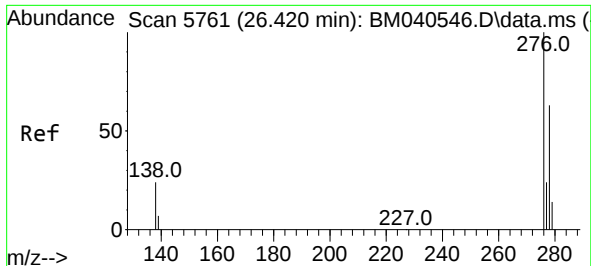
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

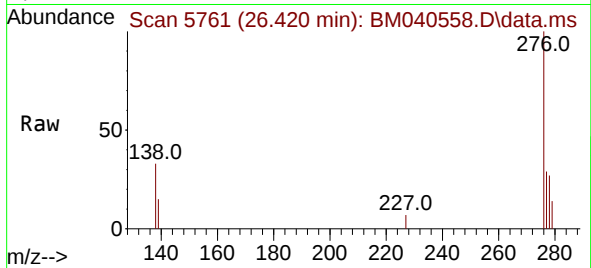
Tgt Ion:252 Resp: 28768
Ion Ratio Lower Upper
252 100
253 31.8 22.9 34.3
125 30.9 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

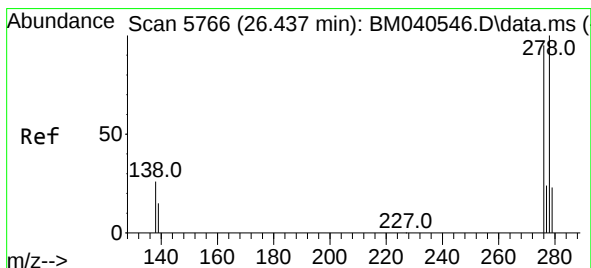
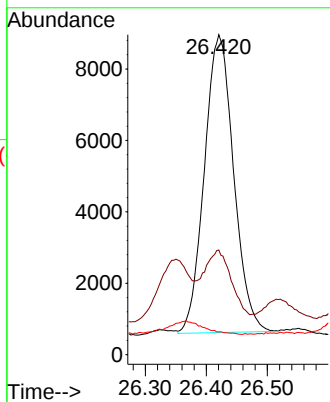
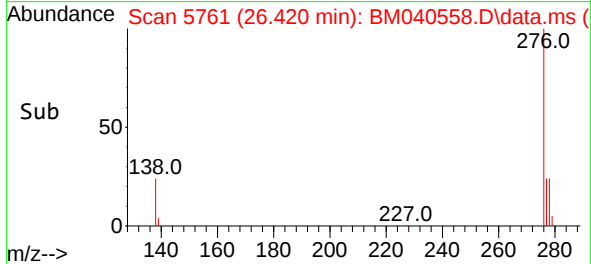
Instrument :
BNA_M
ClientSampleId :
DCGA7



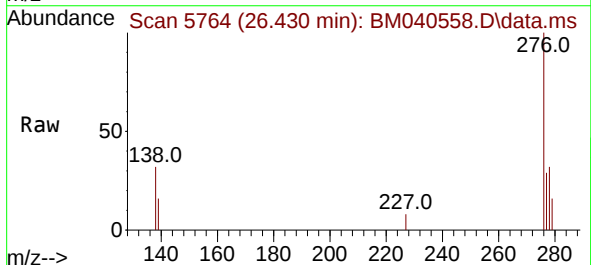
Tgt Ion: 276 Resp: 27818
Ion Ratio Lower Upper
276 100
138 19.4 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
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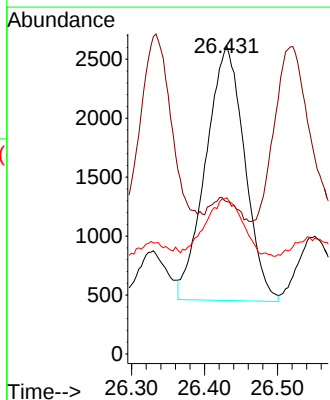
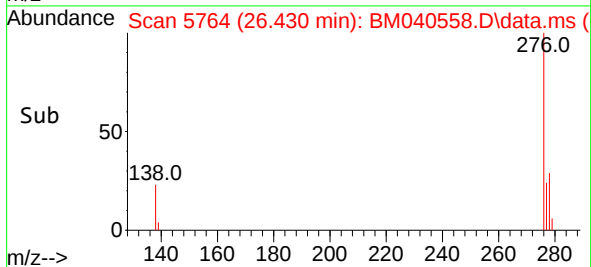
Reviewed By : Yogesh Patel 07/03/2023
Supervised By : mohammad ahmed 07/03/2023

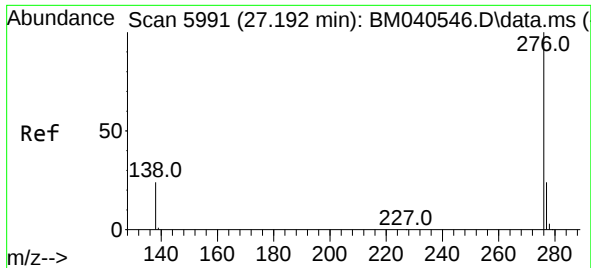


#28
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.007 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52



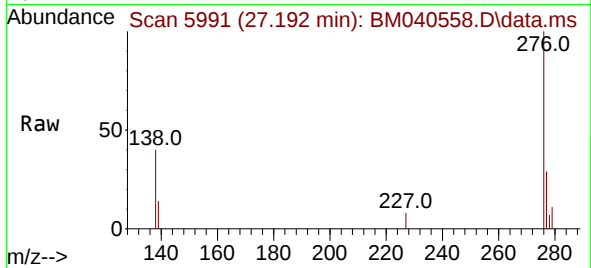
Tgt Ion: 278 Resp: 7976
Ion Ratio Lower Upper
278 100
139 49.5 17.9 26.9#
279 50.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040558.D
Acq: 03 Jul 2023 02:52

Instrument :
BNA_M
ClientSampleId :
DCGA7



Tgt Ion: 276 Resp: 2796
Ion Ratio Lower Upper
276 100
138 40.2 23.0 34.6
277 28.8 20.3 30.5

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/03/2023
Supervised By : mohammad ahmed 07/03/2023

