

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040556.D
 Acq On : 03 Jul 2023 01:38
 Operator : MA/JU
 Sample : 03243-21
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGE1

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 06:50:00 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	7.928	152	8915	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	30431	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.568	164	14505	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	26973	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	17215	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	20207	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	36353	2.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	7580	0.178	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	12058	0.218	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.783	128	6807	0.081	ng/ul#	91
7) 2-Methylnaphthalene	12.395	142	2563	0.052	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	1424	0.029	ng/ul	98
10) Acenaphthylene	14.290	152	57843	0.893	ng/ul	100
11) Acenaphthene	14.633	153	1546	0.028	ng/ul#	92
12) Fluorene	15.618	166	2370	0.041	ng/ul#	93
15) Phenanthrene	17.357	178	38429	0.459	ng/ul	99
16) Anthracene	17.450	178	34212	0.486	ng/ul	99
19) Fluoranthene	19.375	202	274011	3.747	ng/ul	98
20) Pyrene	19.737	202	222697	2.841	ng/ul	99
21) Benzo(a)anthracene	21.488	228	130357	2.239	ng/ul	96
22) Chrysene	21.541	228	144261	2.172	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	270528	3.459	ng/ul	90
25) Benzo(k)fluoranthene	23.222	252	94346m	1.224	ng/ul	
26) Benzo(a)pyrene	23.809	252	140639	1.997	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.424	276	145846	1.487	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.427	278	35440	0.461	ng/ul	91
29) Benzo(g,h,i)perylene	27.198	276	128286	1.492	ng/ul	96

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

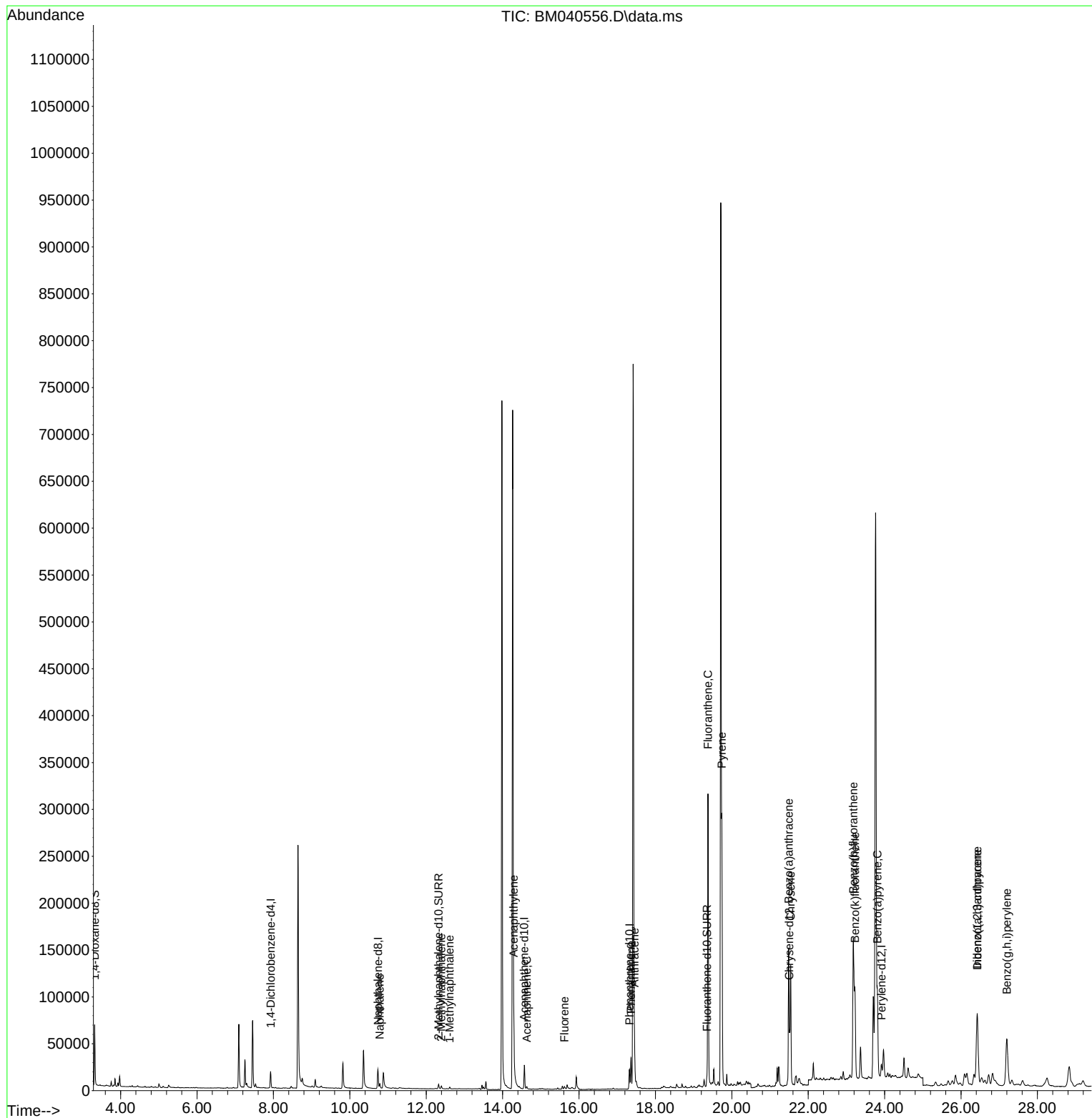
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040556.D
Acq On : 03 Jul 2023 01:38
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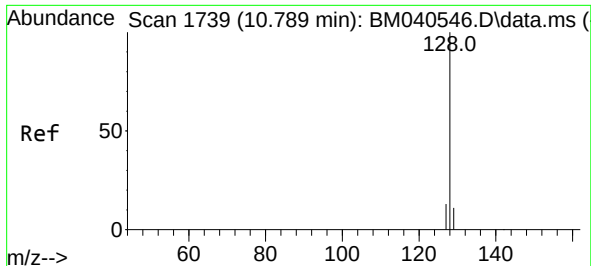
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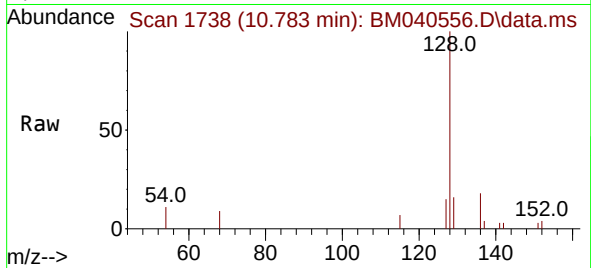
Quant Time: Jul 03 06:50:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.783 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

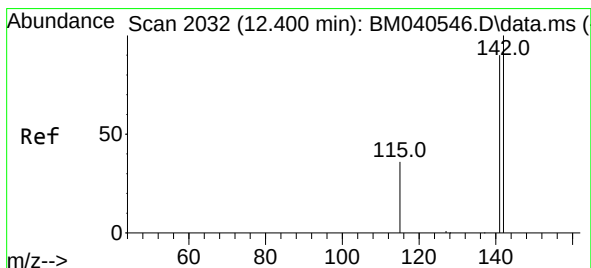
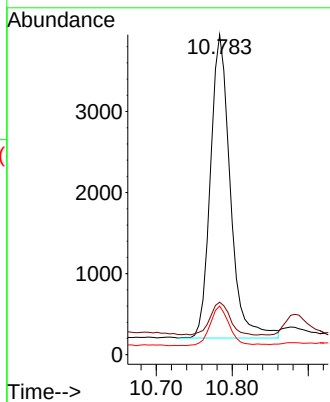
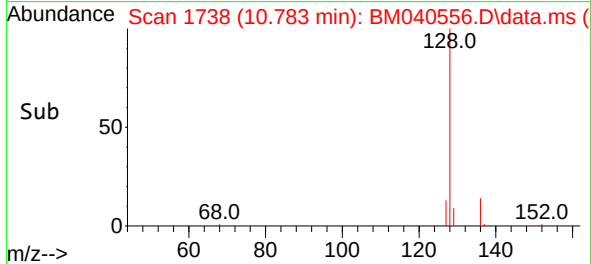
Instrument :
BNA_M
ClientSampleId :
DCGE1



Tgt Ion:128 Resp: 680
Ion Ratio Lower Upper
128 100
129 16.4 9.2 13.8
127 15.2 10.6 15.8

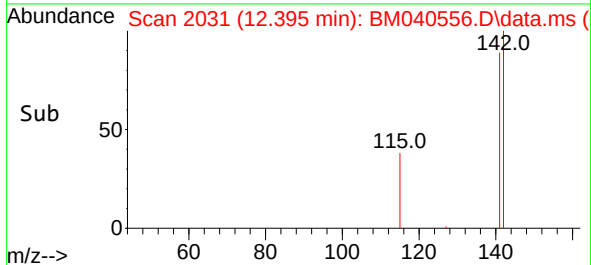
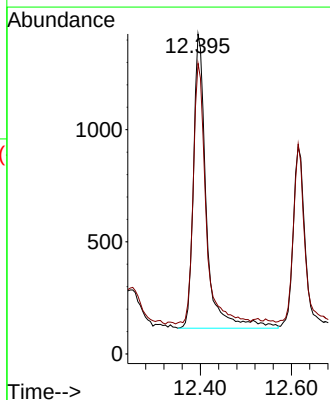
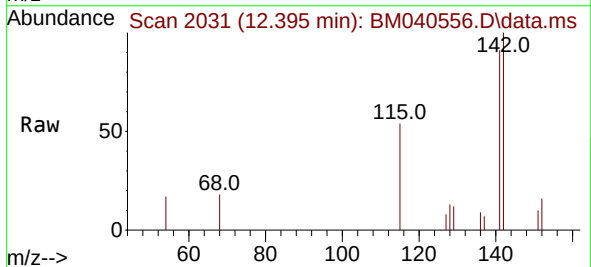
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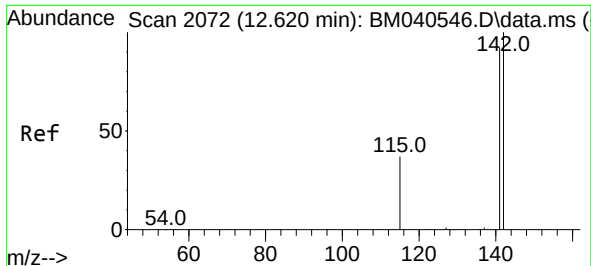
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

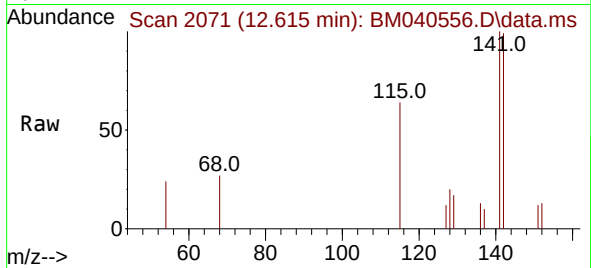
Tgt Ion:142 Resp: 2563
Ion Ratio Lower Upper
142 100
141 87.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

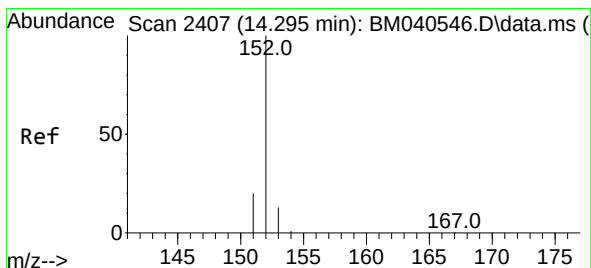
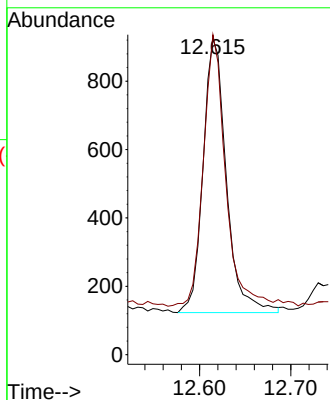
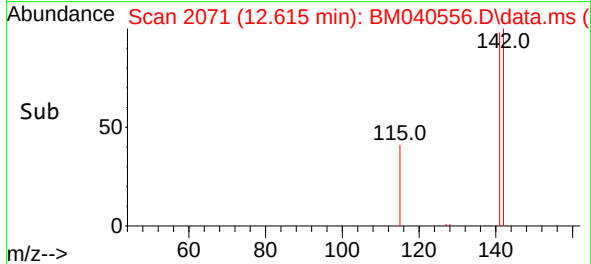
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1424
Ion Ratio Lower Upper
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141 94.3 73.7 110.5

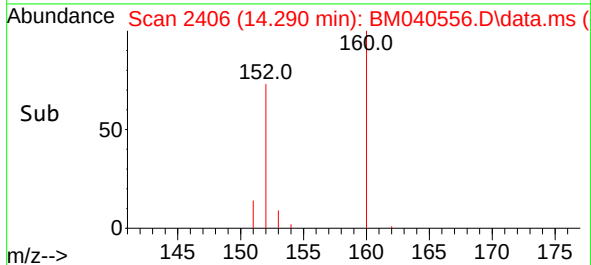
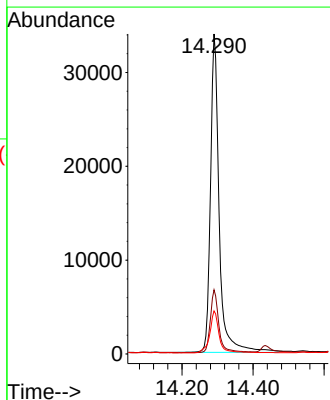
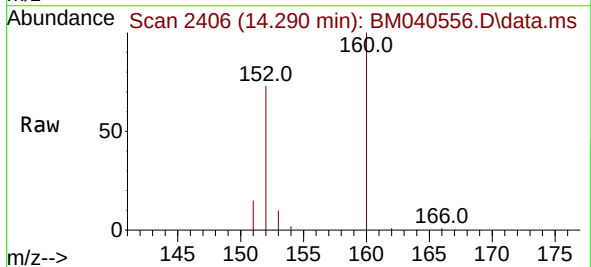
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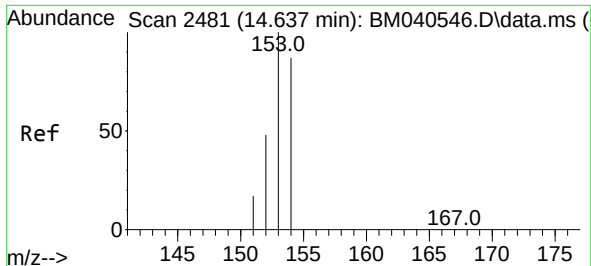
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.893 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

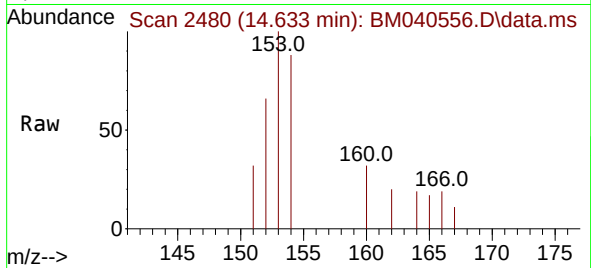
Tgt Ion:152 Resp: 57843
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

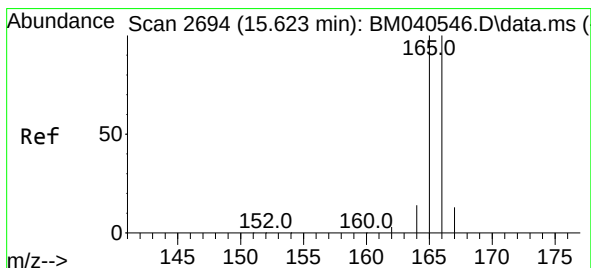
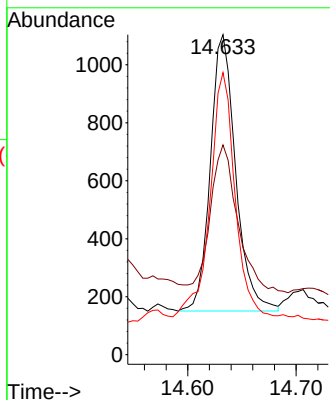
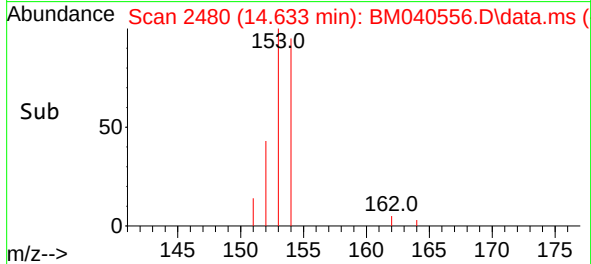
Instrument :
BNA_M
ClientSampleId :
DCGE1



Tgt Ion:153 Resp: 1540
Ion Ratio Lower Upper
153 100
152 65.6 41.0 61.4
154 88.1 70.8 106.2

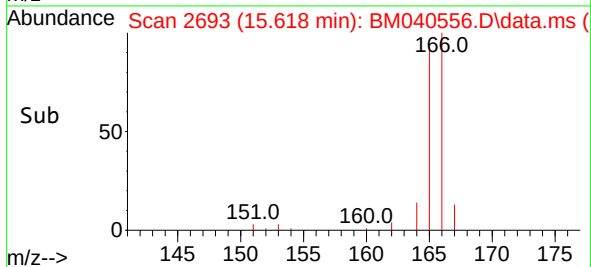
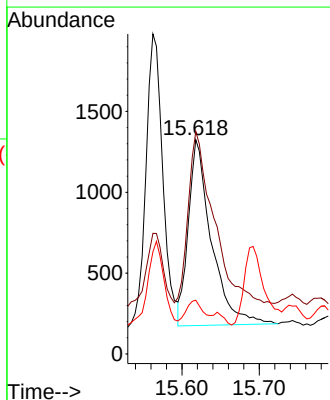
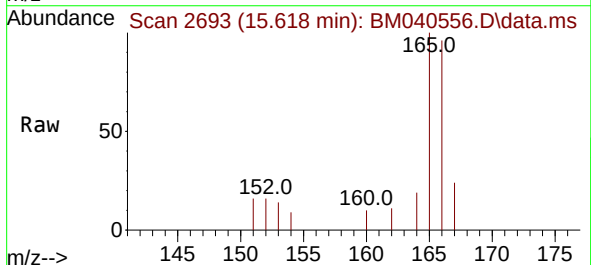
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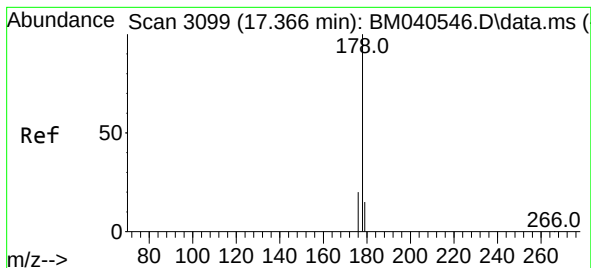
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

Tgt Ion:166 Resp: 2370
Ion Ratio Lower Upper
166 100
165 103.8 79.6 119.4
167 25.1 11.4 17.0#





#15

Phenanthrene

Concen: 0.459 ng/u1

RT: 17.357 min Scan# 3099

Delta R.T. -0.013 min

Lab File: BM040556.D

Acq: 03 Jul 2023 01:38

Instrument :

BNA_M

ClientSampleId :

DCGE1

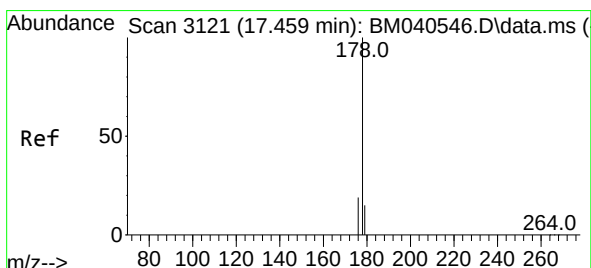
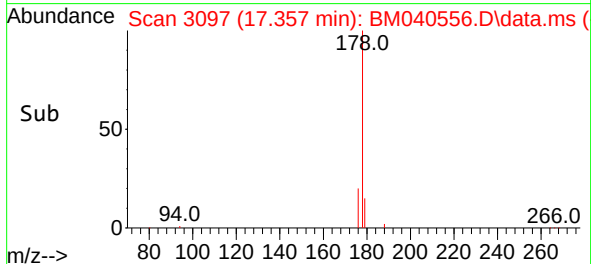
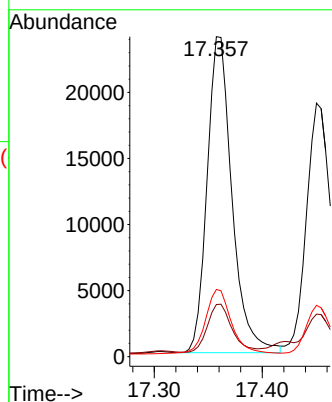
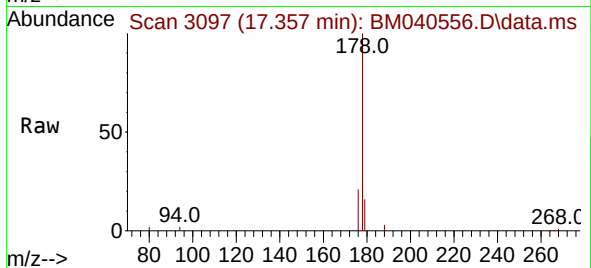
Tgt Ion:178	Resp:	38429
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.8 19.2
176	21.0	16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#16

Anthracene

Concen: 0.486 ng/u1

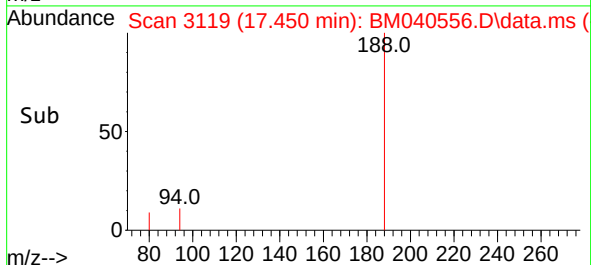
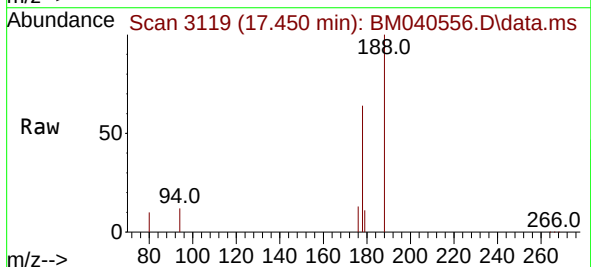
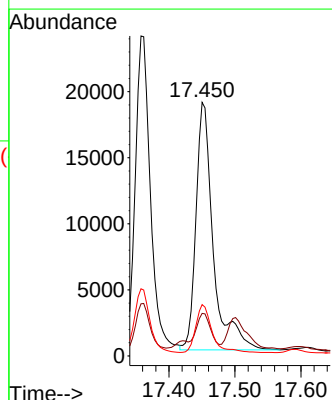
RT: 17.450 min Scan# 3119

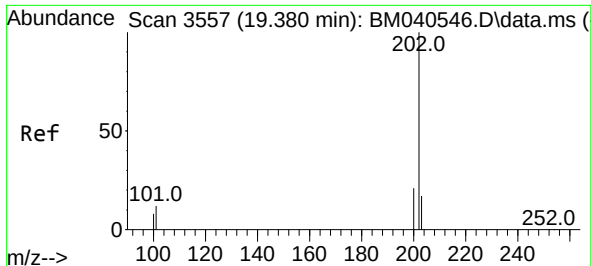
Delta R.T. -0.013 min

Lab File: BM040556.D

Acq: 03 Jul 2023 01:38

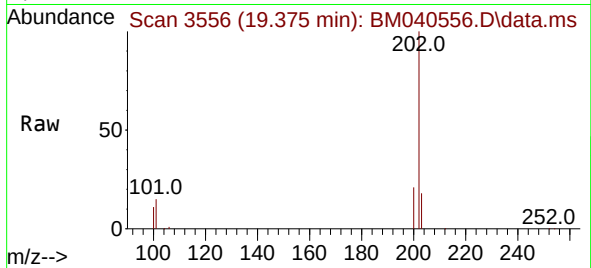
Tgt Ion:178	Resp:	34212
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.9 19.3
176	20.3	15.8 23.6





#19
Fluoranthene
Concen: 3.747 ng/ul
RT: 19.375 min Scan# 3557
Delta R.T. -0.009 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

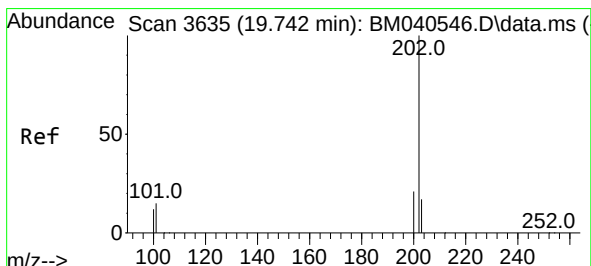
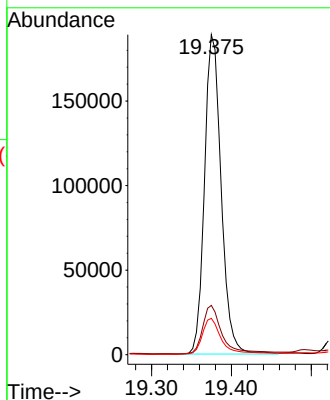
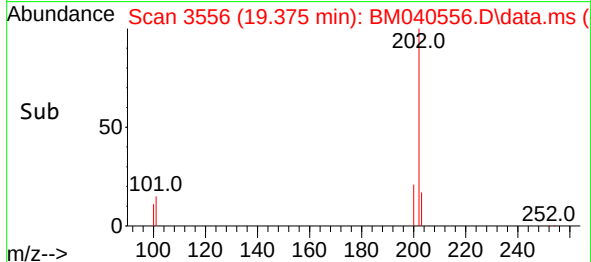
Instrument :
BNA_M
ClientSampleId :
DCGE1



Tgt Ion:202 Resp: 27401
Ion Ratio Lower Upper
202 100
101 15.4 11.4 17.0
100 11.4 8.7 13.1

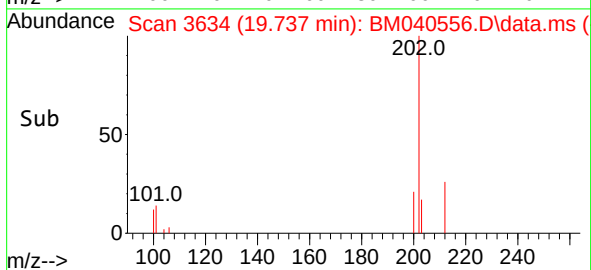
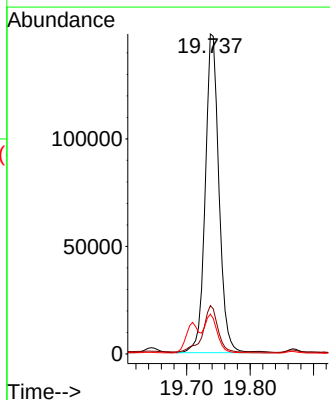
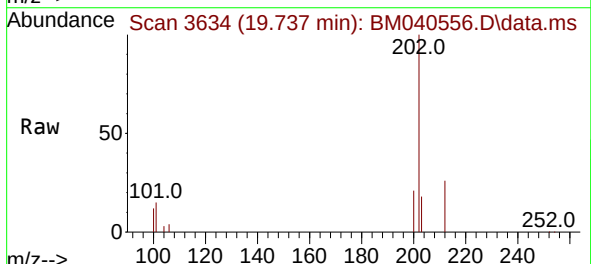
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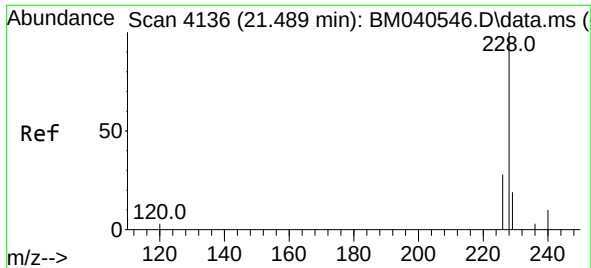
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 2.841 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.009 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

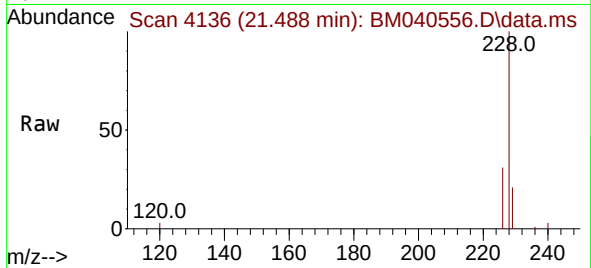
Tgt Ion:202 Resp: 222697
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.239 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

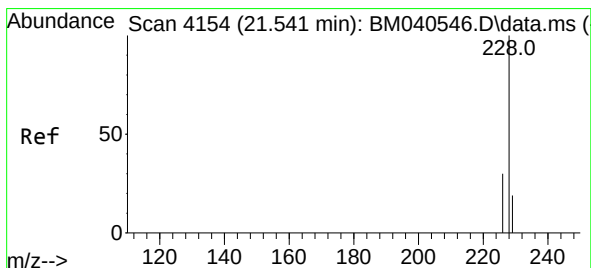
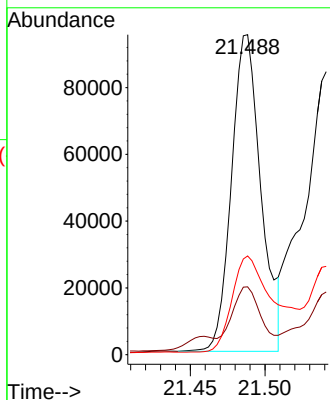
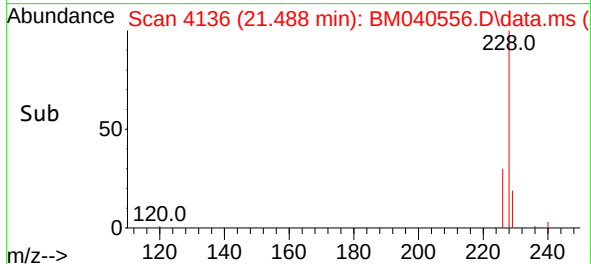
Instrument :
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Tgt Ion:228 Resp: 13035
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 30.8 22.3 33.5

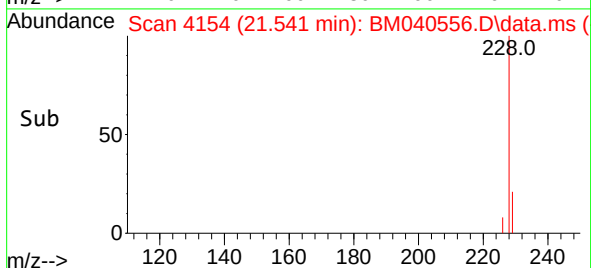
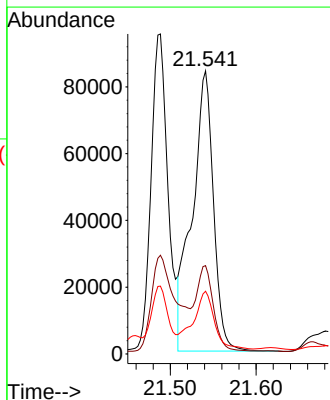
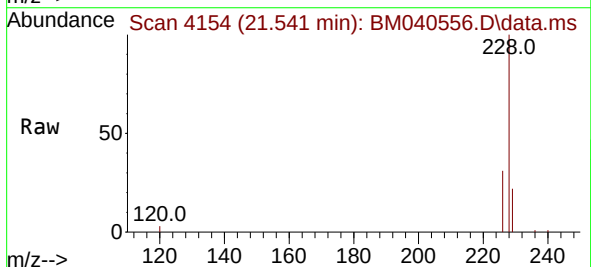
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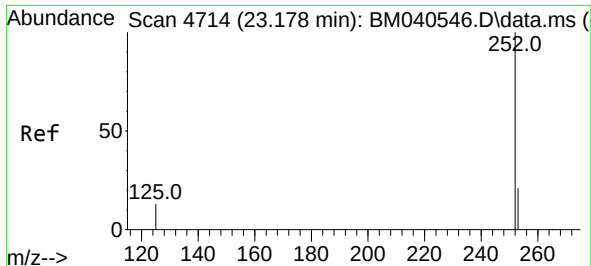
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 2.172 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

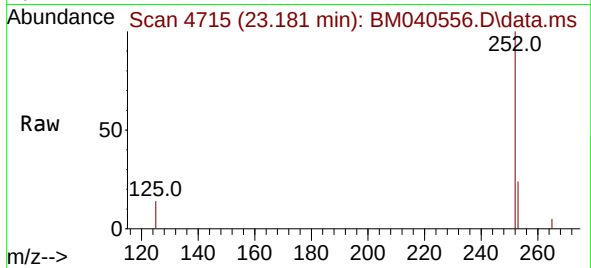
Tgt Ion:228 Resp: 144261
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.459 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

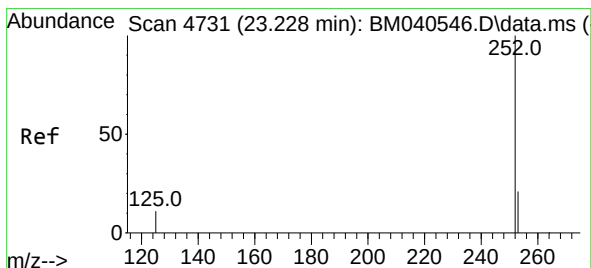
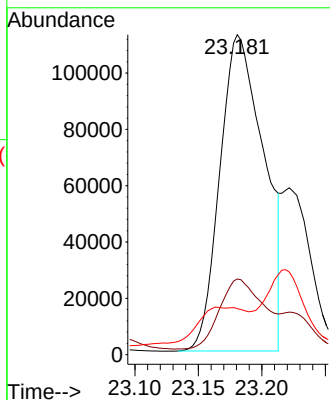
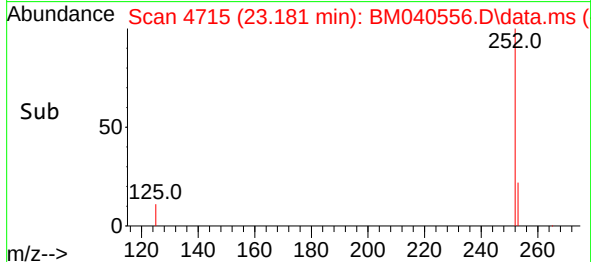
Instrument :
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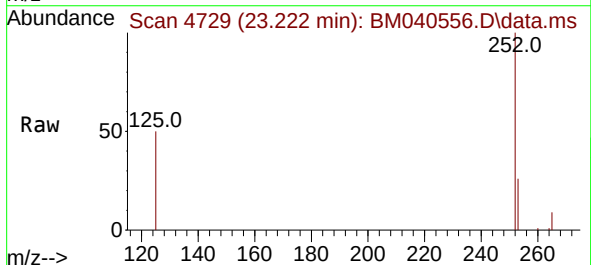
Tgt Ion:252 Resp: 270528
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.8
125 14.4 0.0 43.0

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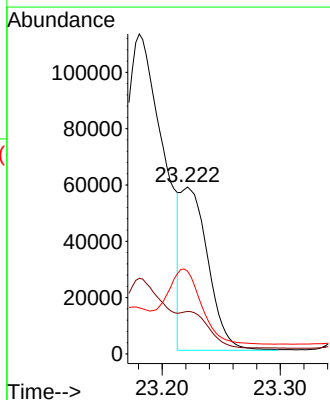
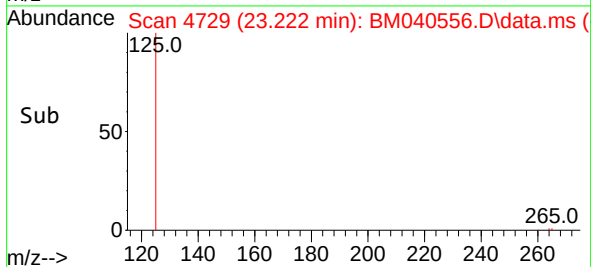
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

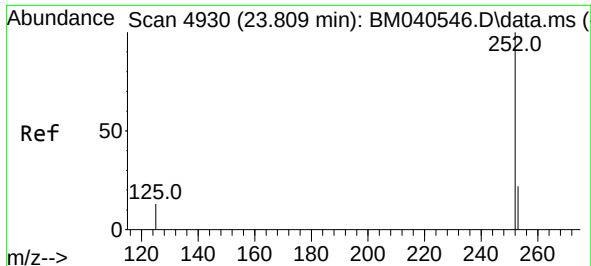


#25
Benzo(k)fluoranthene
Concen: 1.224 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38



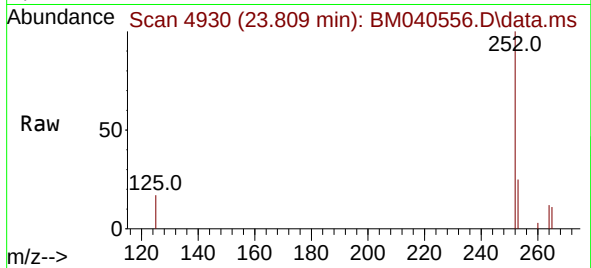
Tgt Ion:252 Resp: 94346
Ion Ratio Lower Upper
252 100
253 25.5 21.2 31.8
125 49.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.997 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

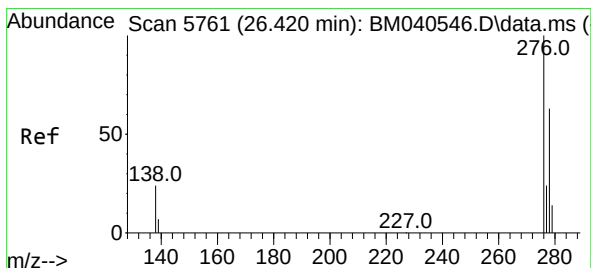
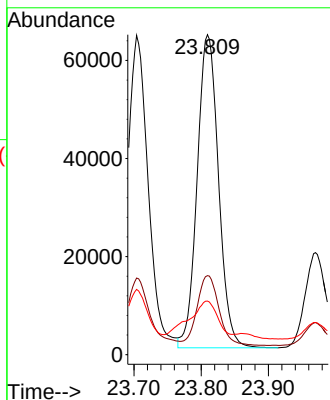
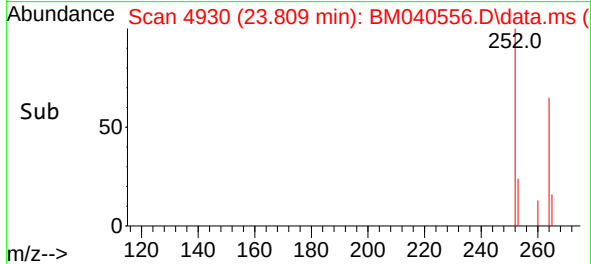
Instrument :
BNA_M
ClientSampleId :
DCGE1



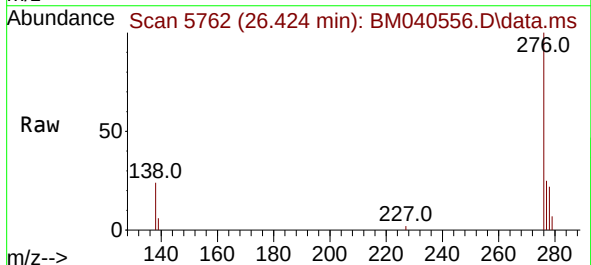
Tgt Ion:252 Resp: 140639
Ion Ratio Lower Upper
252 100
253 24.7 22.9 34.3
125 16.7 21.0 31.4

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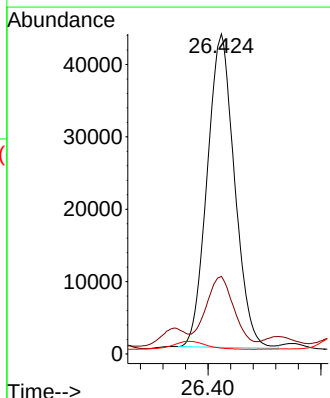
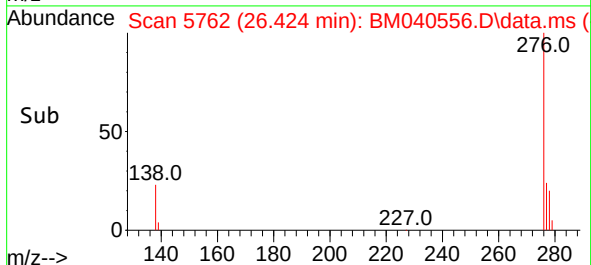
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

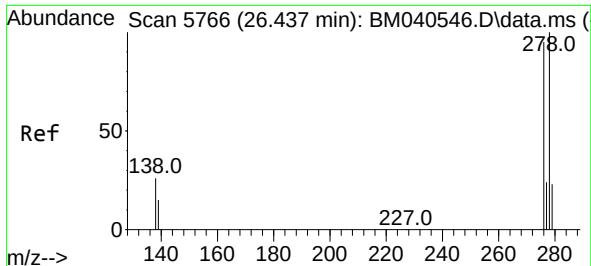


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.487 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.003 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38



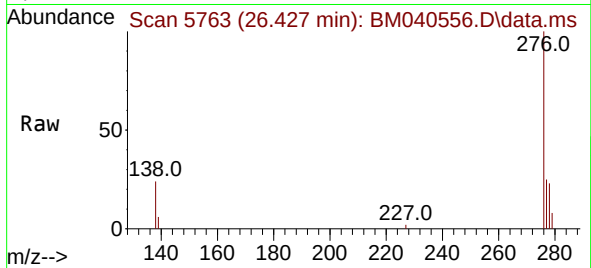
Tgt Ion:276 Resp: 145846
Ion Ratio Lower Upper
276 100
138 22.1 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.461 ng/ul
RT: 26.427 min Scan# 5766
Delta R.T. -0.010 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38

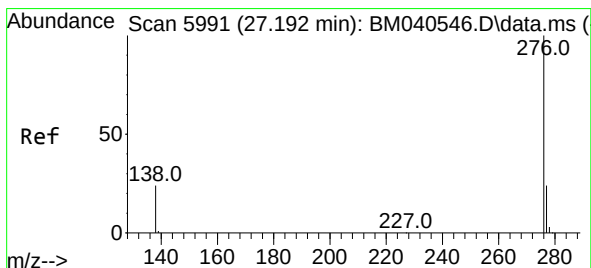
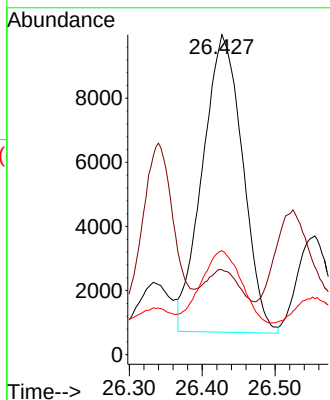
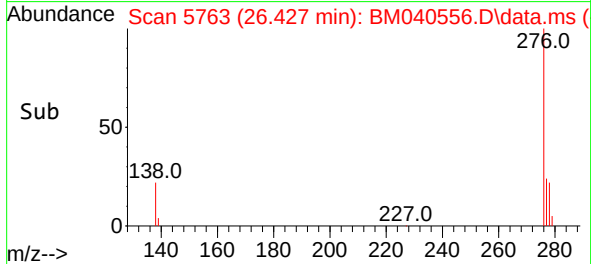
Instrument :
BNA_M
ClientSampleId :
DCGE1



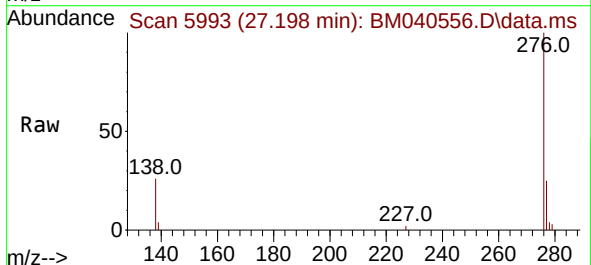
Tgt Ion:278 Resp: 35440
Ion Ratio Lower Upper
278 100
139 26.6 17.9 26.9
279 32.5 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.492 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. 0.013 min
Lab File: BM040556.D
Acq: 03 Jul 2023 01:38



Tgt Ion:276 Resp: 128286
Ion Ratio Lower Upper
276 100
138 25.6 23.0 34.6
277 24.9 20.3 30.5

