

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040656.D
 Acq On : 06 Jul 2023 01:21
 Operator : MA/JU
 Sample : 03248-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGM9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :mohammad ahmed 07/06/2023

Quant Time: Jul 06 02:19:16 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 : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	6471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	20785	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.549	164	11423	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.298	188	20676	0.400	ng/ul	-0.01
17) Chrysene-d12	21.485	240	13841	0.400	ng/ul	-0.01
23) Perylene-d12	23.885	264	14257	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	30592	3.010	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	6806	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	11247	0.253	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.761	128	4155	0.072	ng/ul#	88
7) 2-Methylnaphthalene	12.378	142	2355	0.070	ng/ul	99
8) 1-Methylnaphthalene	12.598	142	1757	0.052	ng/ul	97
10) Acenaphthylene	14.272	152	19620	0.384	ng/ul	97
11) Acenaphthene	14.614	153	1818	0.042	ng/ul	95
12) Fluorene	15.599	166	2803	0.061	ng/ul#	93
15) Phenanthrene	17.340	178	44484	0.693	ng/ul	99
16) Anthracene	17.433	178	29595	0.548	ng/ul	98
19) Fluoranthene	19.361	202	146561	2.493	ng/ul	97
20) Pyrene	19.719	202	150069	2.381	ng/ul	98
21) Benzo(a)anthracene	21.468	228	97222	2.077	ng/ul	98
22) Chrysene	21.520	228	109608m	2.052	ng/ul	
24) Benzo(b)fluoranthene	23.154	252	232522	4.214	ng/ul	90
25) Benzo(k)fluoranthene	23.198	252	70909m	1.304	ng/ul	
26) Benzo(a)pyrene	23.777	252	104129	2.095	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.373	276	96123	1.389	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.380	278	27448	0.506	ng/ul	95
29) Benzo(g,h,i)perylene	27.151	276	80852	1.333	ng/ul	98

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

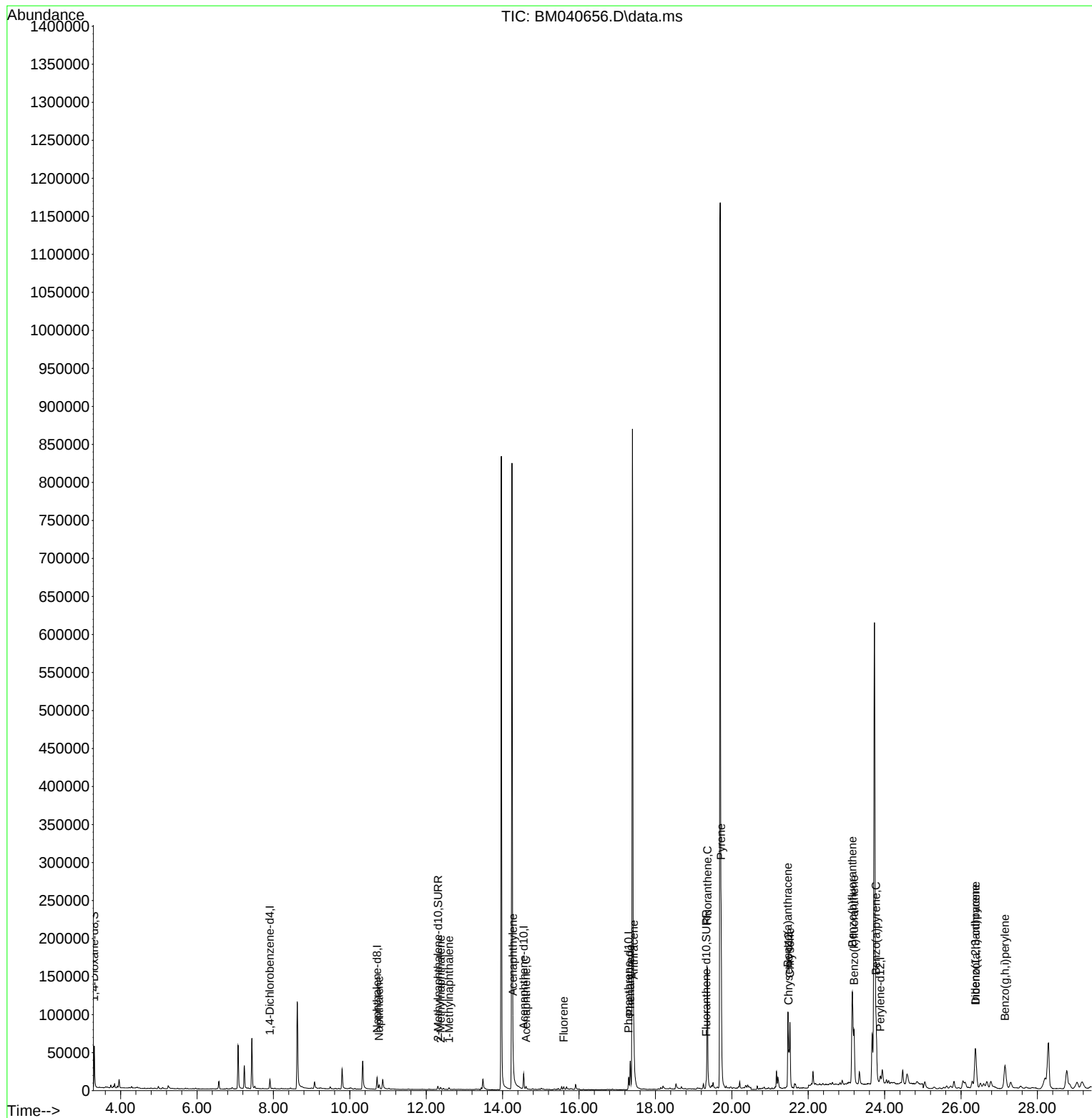
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040656.D
Acq On : 06 Jul 2023 01:21
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ALS Vial : 25 Sample Multiplier: 1

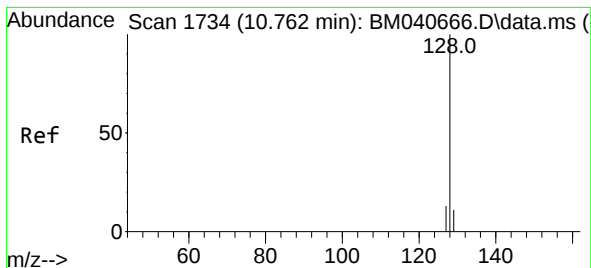
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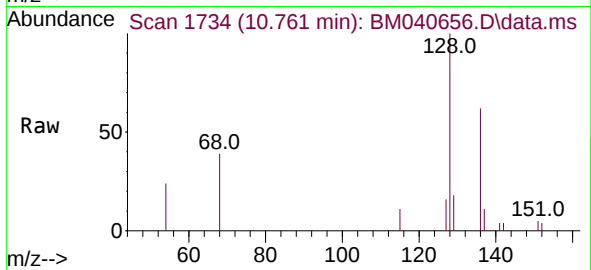
Quant Time: Jul 06 02:19:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
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#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.761 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

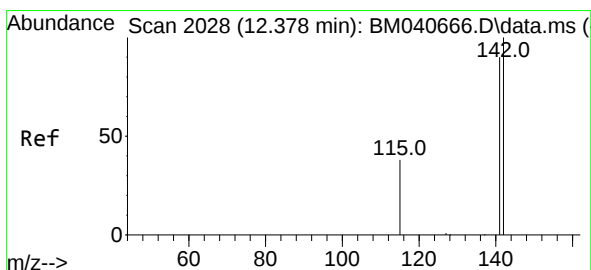
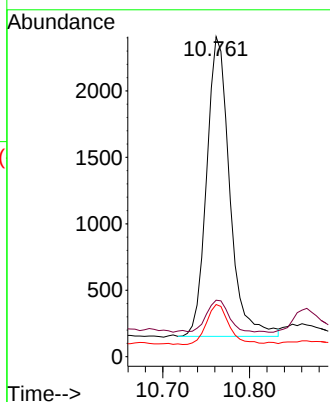
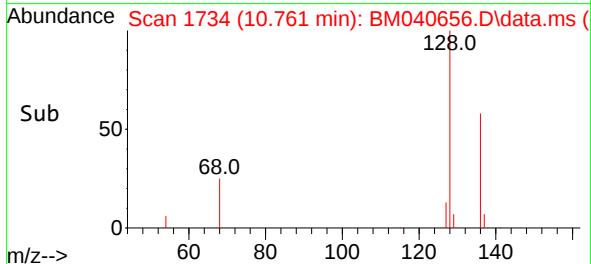
Instrument :
BNA_M
ClientSampleId :
DCGM9



Tgt Ion:128 Resp: 415
Ion Ratio Lower Upper
128 100
129 17.6 9.2 13.8
127 16.3 10.6 15.8

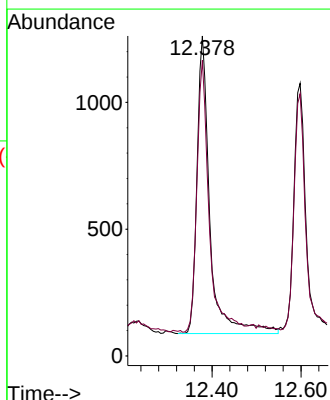
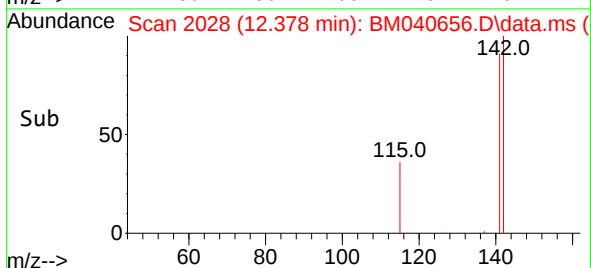
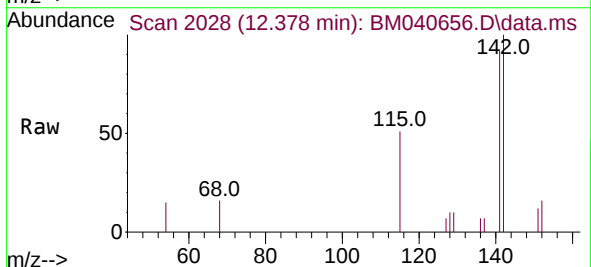
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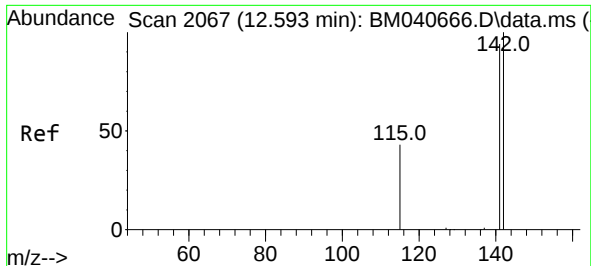
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

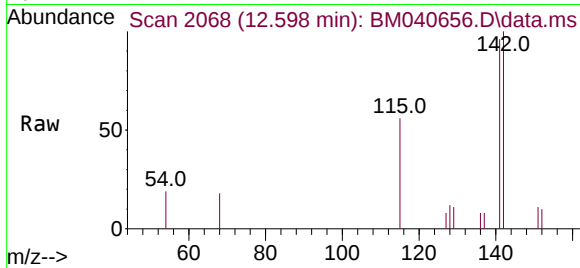
Tgt Ion:142 Resp: 2355
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.598 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

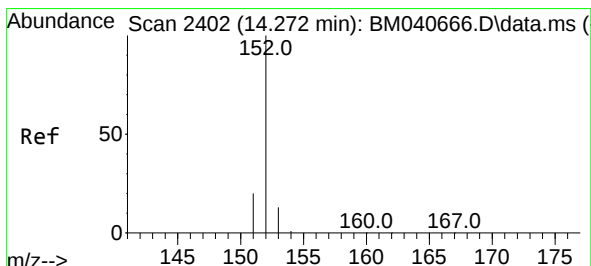
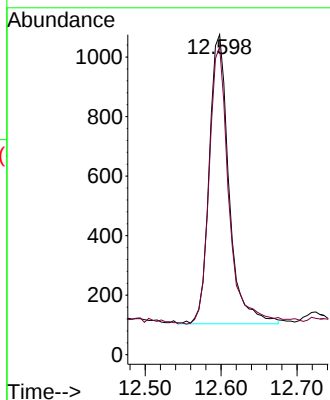
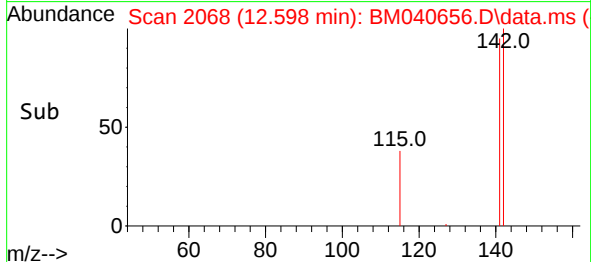
Instrument :
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Tgt Ion:142 Resp: 175
Ion Ratio Lower Upper
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141 95.0 73.7 110.5

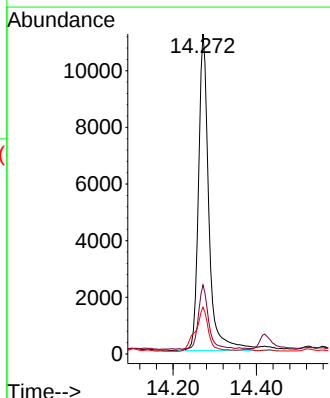
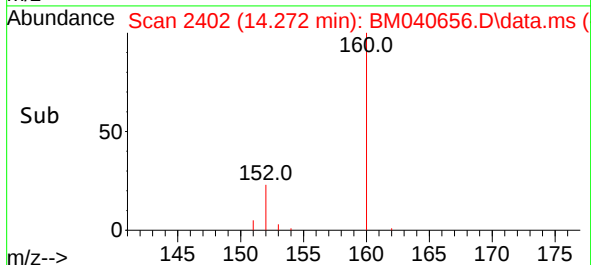
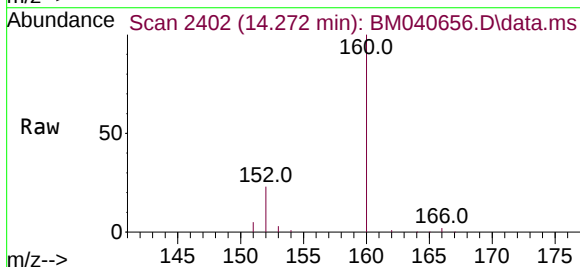
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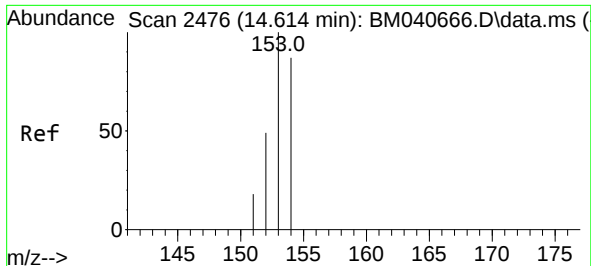
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

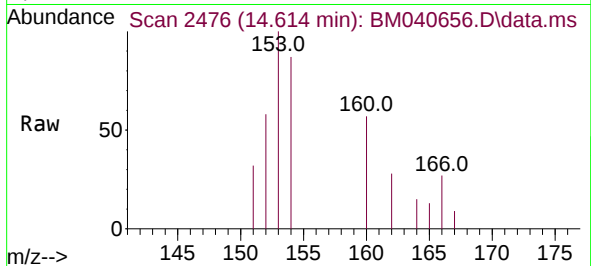
Tgt Ion:152 Resp: 19620
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.614 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

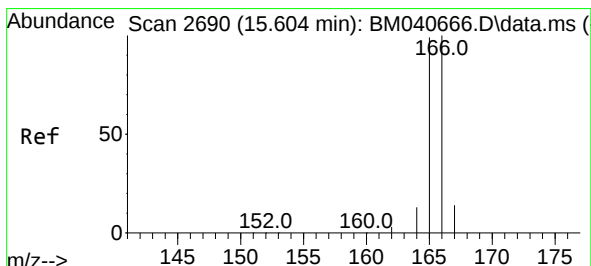
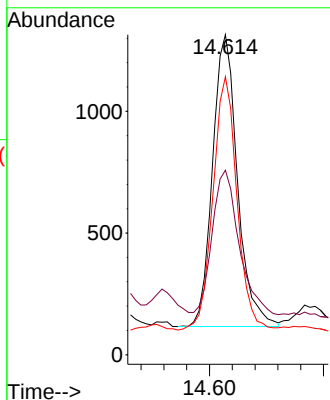
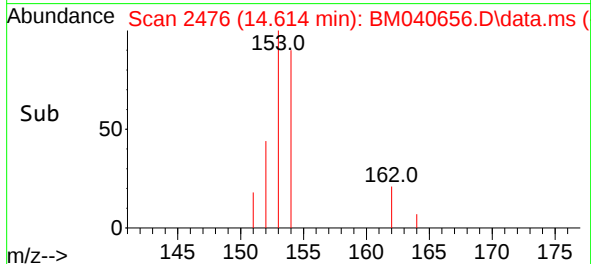
Instrument :
BNA_M
ClientSampleId :
DCGM9



Tgt Ion:153 Resp: 1818
Ion Ratio Lower Upper
153 100
152 57.6 41.0 61.4
154 86.8 70.8 106.2

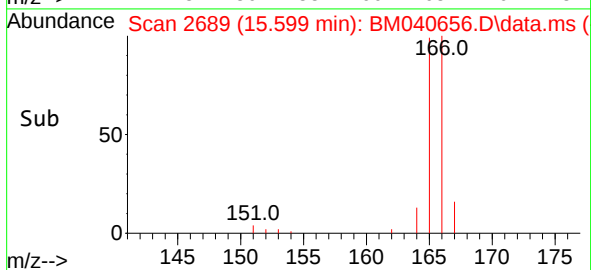
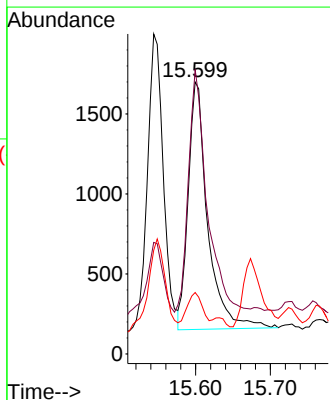
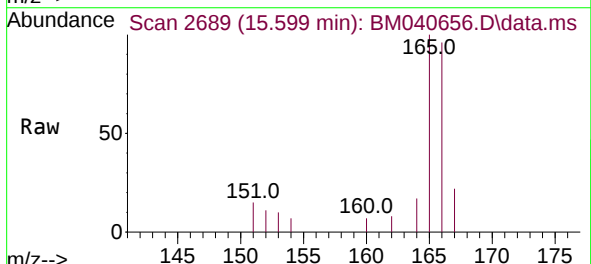
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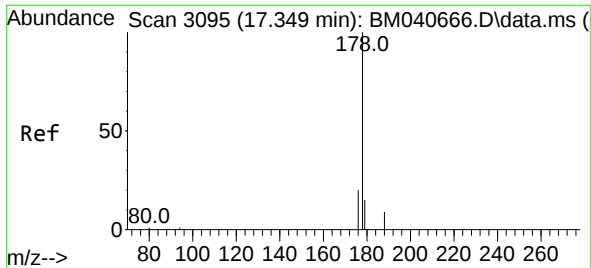
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.599 min Scan# 2689
Delta R.T. -0.008 min
Lab File: BM040656.D
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Tgt Ion:166 Resp: 2803
Ion Ratio Lower Upper
166 100
165 104.6 79.6 119.4
167 22.6 11.4 17.0#





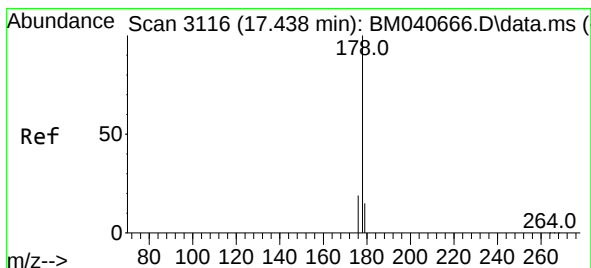
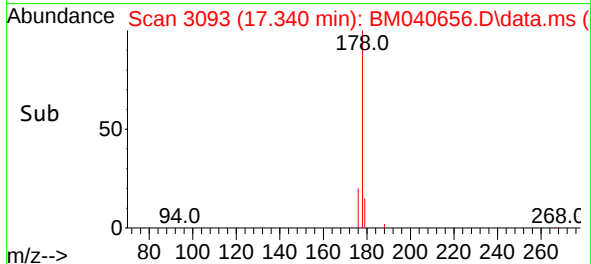
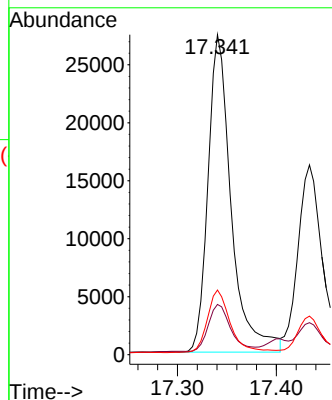
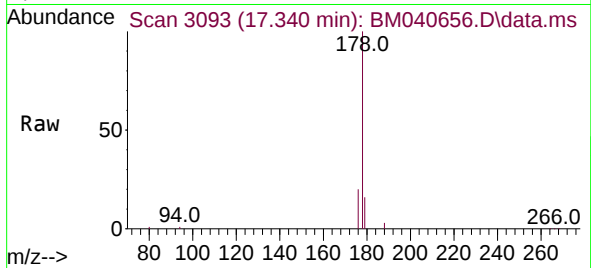
#15
Phenanthrene
Concen: 0.693 ng/u1
RT: 17.340 min Scan# 3095
Delta R.T. -0.011 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

Instrument :
BNA_M
ClientSampleId :
DCGM9

Tgt Ion:178 Resp: 44484
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 20.2 16.4 24.6

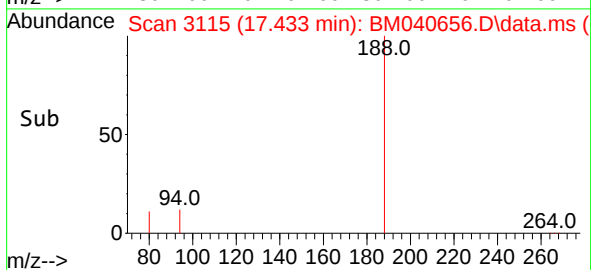
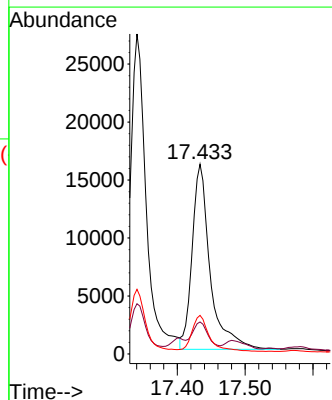
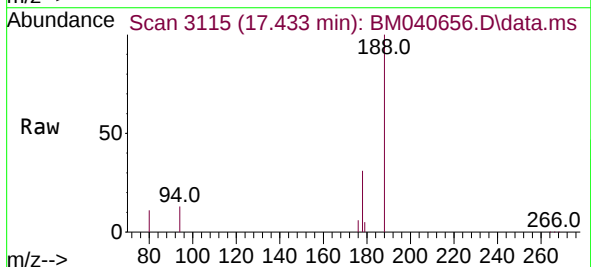
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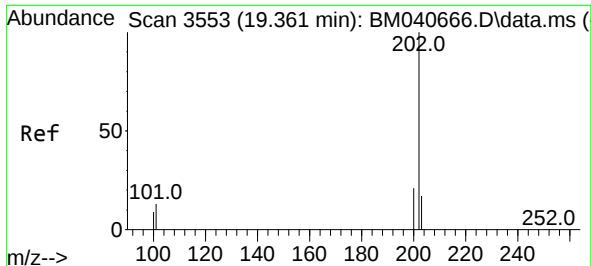
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#16
Anthracene
Concen: 0.548 ng/u1
RT: 17.433 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

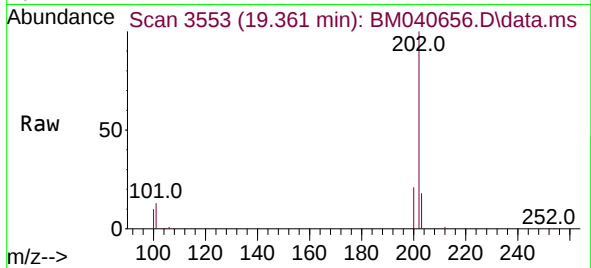
Tgt Ion:178 Resp: 29595
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.4 15.8 23.6





#19
Fluoranthene
Concen: 2.493 ng/u1
RT: 19.361 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

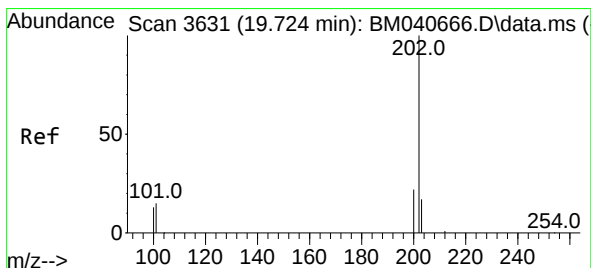
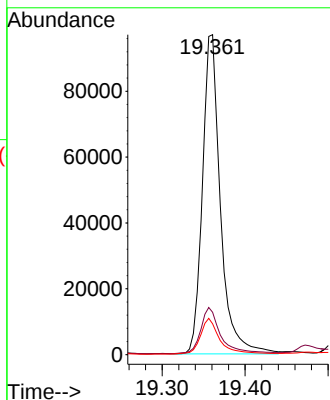
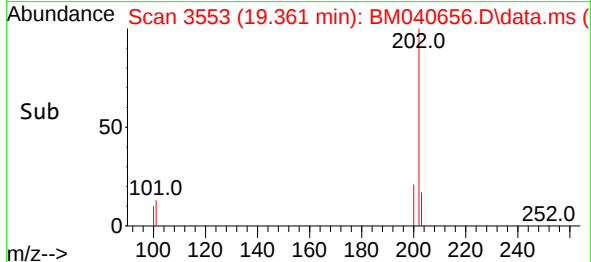
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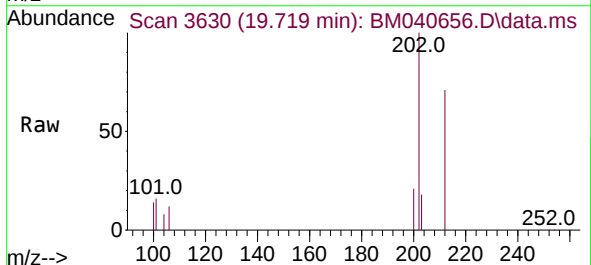
Tgt Ion:202 Resp: 14656
Ion Ratio Lower Upper
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101 13.3 11.4 17.0
100 9.7 8.7 13.1

Manual Integrations
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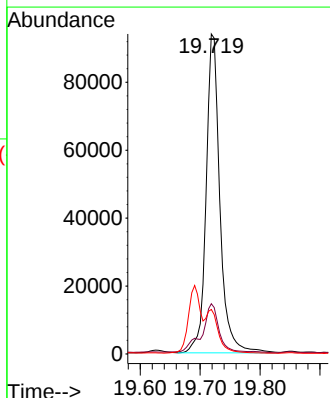
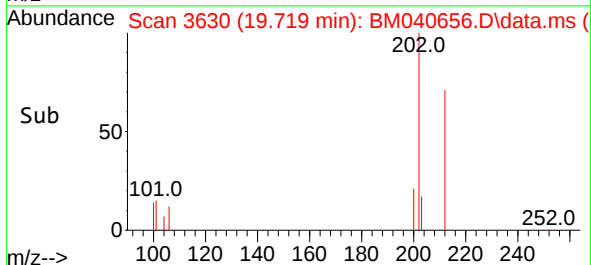
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

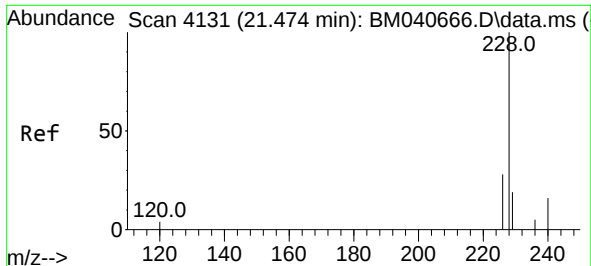


#20
Pyrene
Concen: 2.381 ng/u1
RT: 19.719 min Scan# 3630
Delta R.T. -0.013 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21



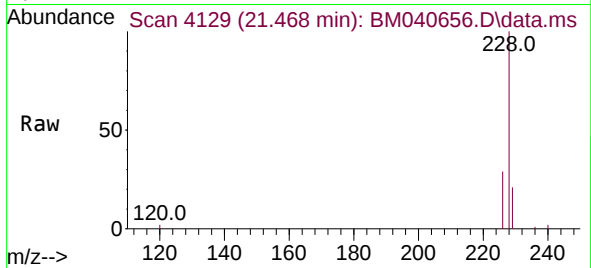
Tgt Ion:202 Resp: 150069
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 13.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.077 ng/ul
RT: 21.468 min Scan# 4129
Delta R.T. -0.010 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

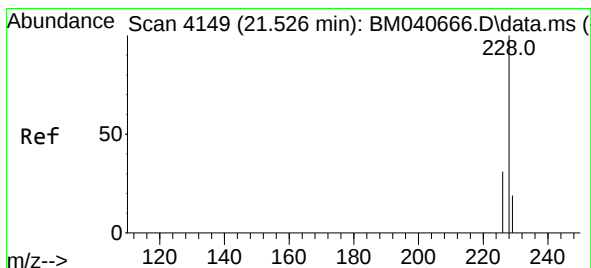
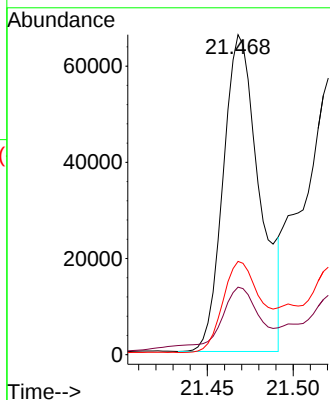
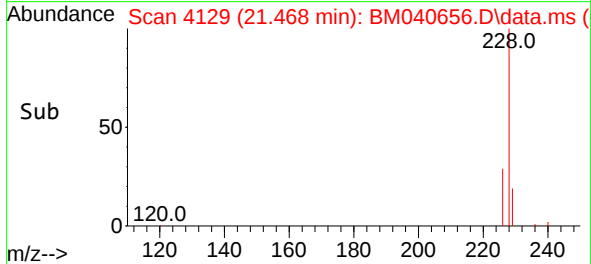
Instrument :
BNA_M
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DCGM9



Tgt Ion:228 Resp: 9722
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 29.1 22.3 33.5

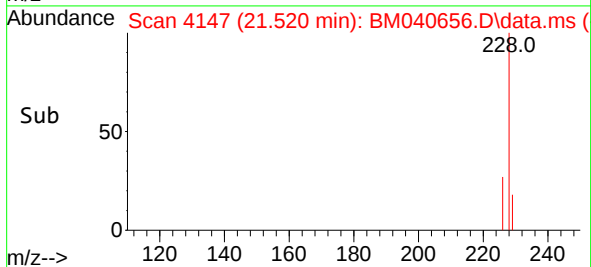
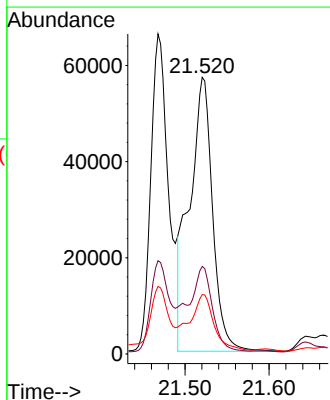
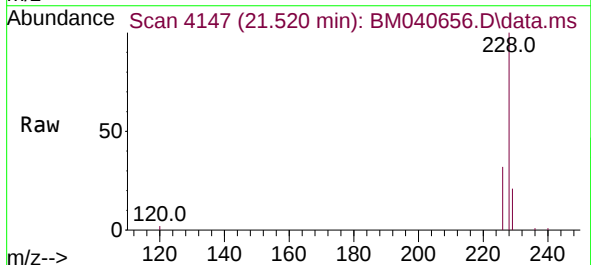
Manual Integrations
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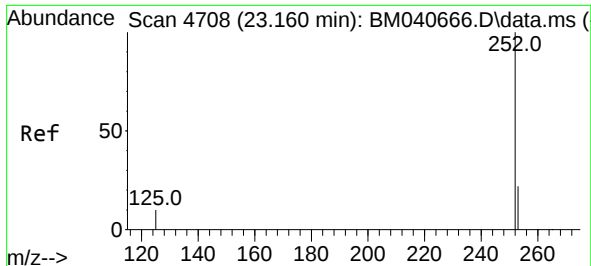
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#22
Chrysene
Concen: 2.052 ng/ul m
RT: 21.520 min Scan# 4147
Delta R.T. -0.010 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

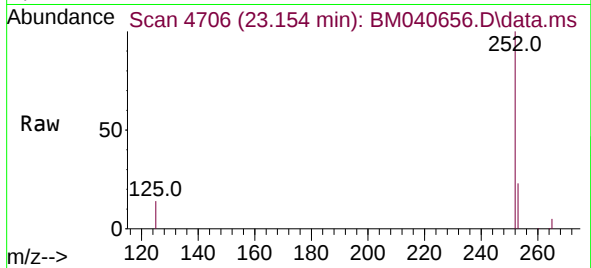
Tgt Ion:228 Resp: 109608
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.214 ng/ul
RT: 23.154 min Scan# 4706
Delta R.T. -0.013 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

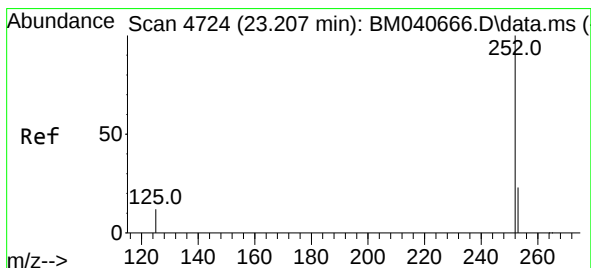
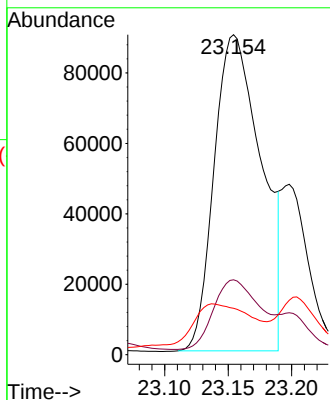
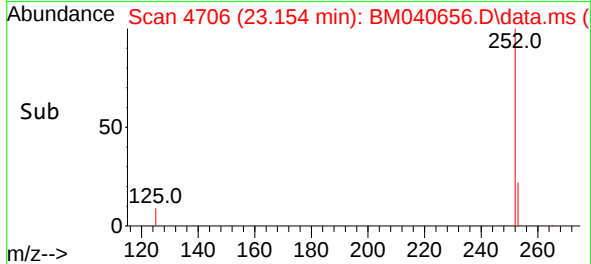
Instrument :
BNA_M
ClientSampleId :
DCGM9



Tgt Ion:252 Resp: 23252
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 14.5 0.0 43.0

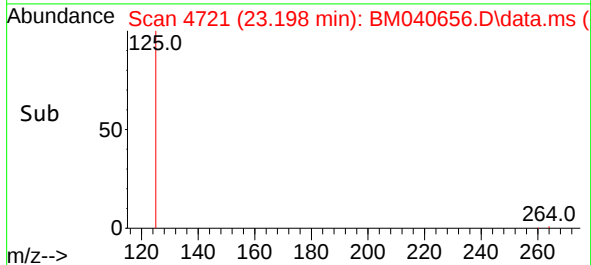
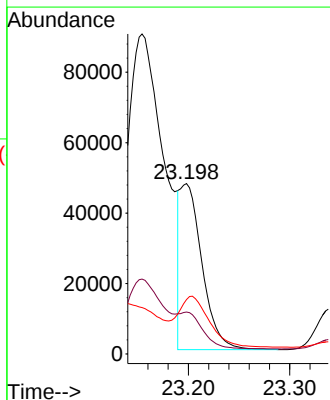
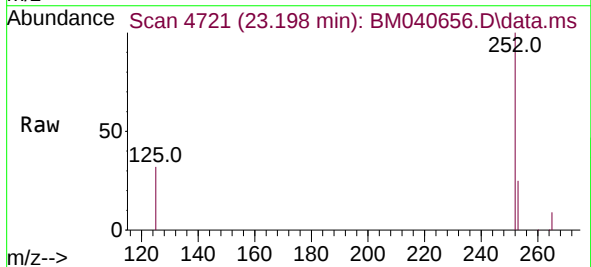
Manual Integrations
APPROVED

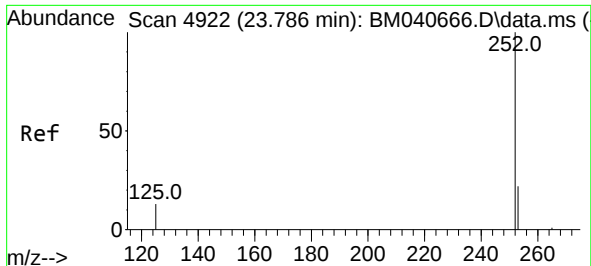
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 1.304 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

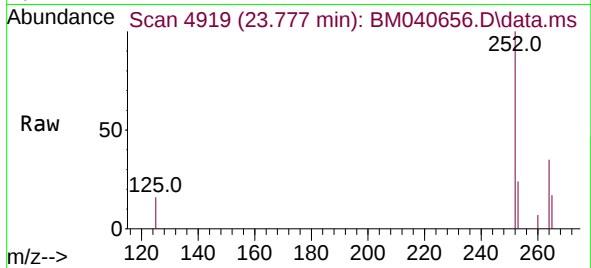
Tgt Ion:252 Resp: 70909
Ion Ratio Lower Upper
252 100
253 24.6 21.2 31.8
125 31.9 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.095 ng/ul
RT: 23.777 min Scan# 4919
Delta R.T. -0.016 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

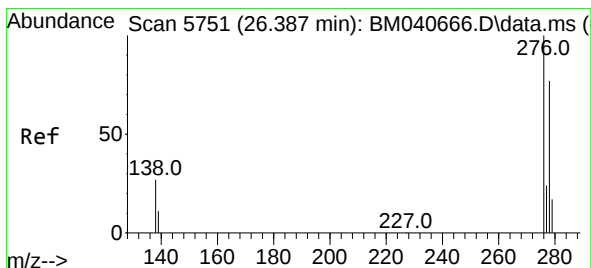
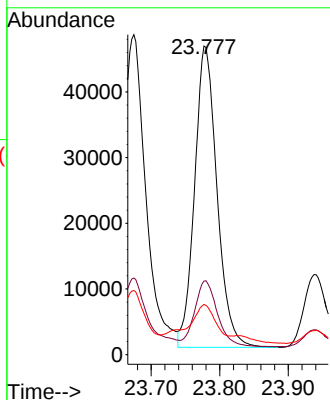
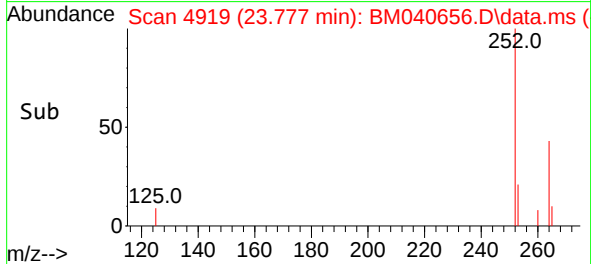
Instrument :
BNA_M
ClientSampleId :
DCGM9



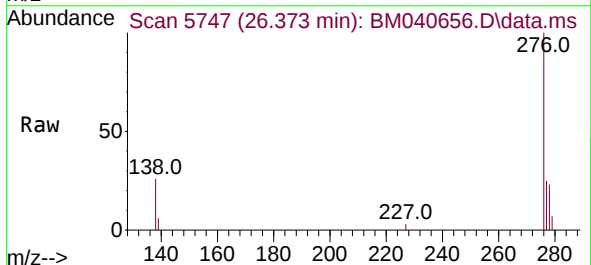
Tgt Ion:252 Resp: 104129
Ion Ratio Lower Upper
252 100
253 23.9 22.9 34.3
125 16.3 21.0 31.4

Manual Integrations
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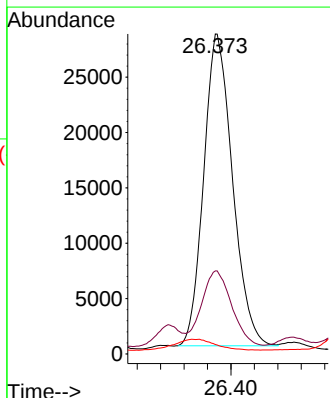
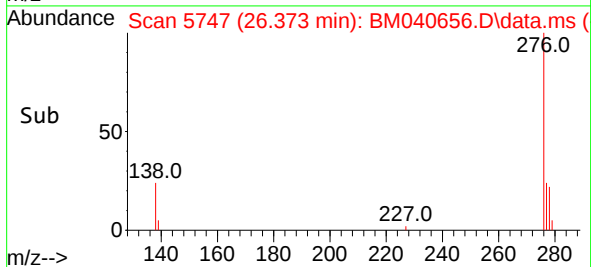
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

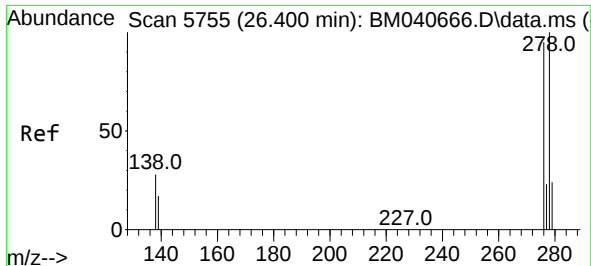


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.389 ng/ul
RT: 26.373 min Scan# 5747
Delta R.T. -0.016 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21



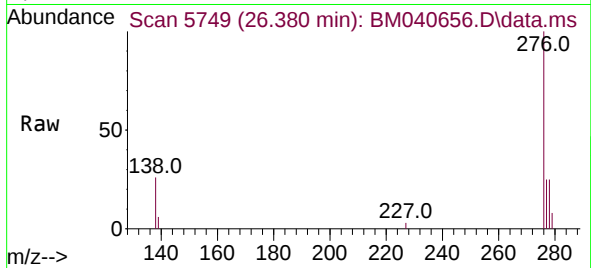
Tgt Ion:276 Resp: 96123
Ion Ratio Lower Upper
276 100
138 24.5 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.506 ng/ul
RT: 26.380 min Scan# 5749
Delta R.T. -0.029 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

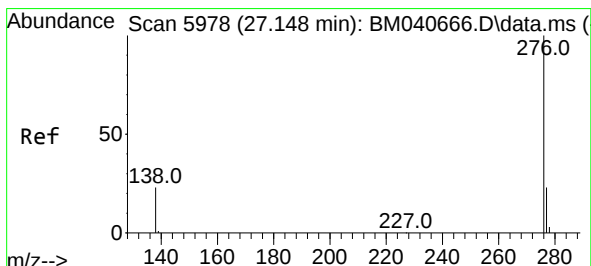
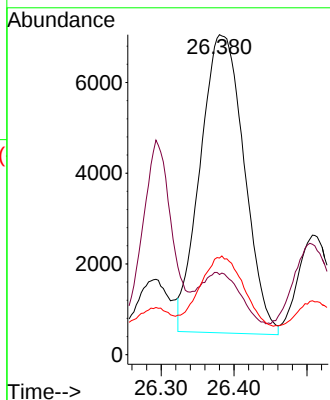
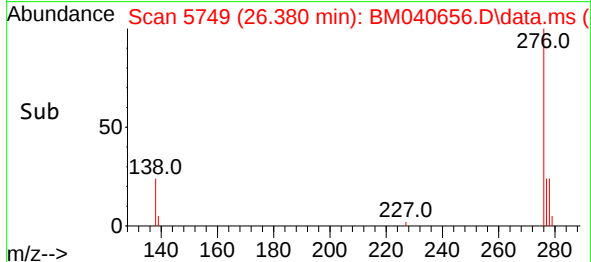
Instrument :
BNA_M
ClientSampleId :
DCGM9



Tgt Ion:278 Resp: 2744
Ion Ratio Lower Upper
278 100
139 25.0 17.9 26.9
279 30.2 22.0 33.0

Manual Integrations
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Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 1.333 ng/ul
RT: 27.151 min Scan# 5979
Delta R.T. -0.012 min
Lab File: BM040656.D
Acq: 06 Jul 2023 01:21

Tgt Ion:276 Resp: 80852
Ion Ratio Lower Upper
276 100
138 27.2 23.0 34.6
277 24.7 20.3 30.5

