

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042008.D
 Acq On : 23 Sep 2023 04:37
 Operator : MA/JU
 Sample : 04386-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/26/2023

Quant Time: Sep 23 05:10:03 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	7.954	152	5343	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	13048	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5609	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	10836	0.400	ng/ul	0.00
17) Chrysene-d12	21.520	240	4762	0.400	ng/ul	0.00
23) Perylene-d12	23.928	264	4946	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	26101	3.585	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	3643	0.223	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	4932	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	3154	0.072	ng/ul#	93
7) 2-Methylnaphthalene	12.419	142	2587	0.099	ng/ul	99
8) 1-Methylnaphthalene	12.639	142	2182	0.082	ng/ul	100
10) Acenaphthylene	14.324	152	2143	0.057	ng/ul#	86
11) Acenaphthene	14.662	153	753	0.026	ng/ul#	90
12) Fluorene	15.648	166	1044	0.032	ng/ul#	89
15) Phenanthrene	17.393	178	21579	0.429	ng/ul	100
16) Anthracene	17.481	178	2497	0.057	ng/ul#	89
19) Fluoranthene	19.400	202	52262	0.971	ng/ul	99
20) Pyrene	19.767	202	41679m	0.788	ng/ul	
21) Benzo(a)anthracene	21.502	228	14219	0.394	ng/ul	98
22) Chrysene	21.557	228	19567	0.525	ng/ul	99
24) Benzo(b)fluoranthene	23.185	252	30096	0.791	ng/ul#	1
25) Benzo(k)fluoranthene	23.232	252	11424m	0.309	ng/ul	
26) Benzo(a)pyrene	23.820	252	14609	0.467	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.423	276	16939	0.394	ng/ul#	35
29) Benzo(g,h,i)perylene	27.204	276	17478	0.483	ng/ul#	26

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

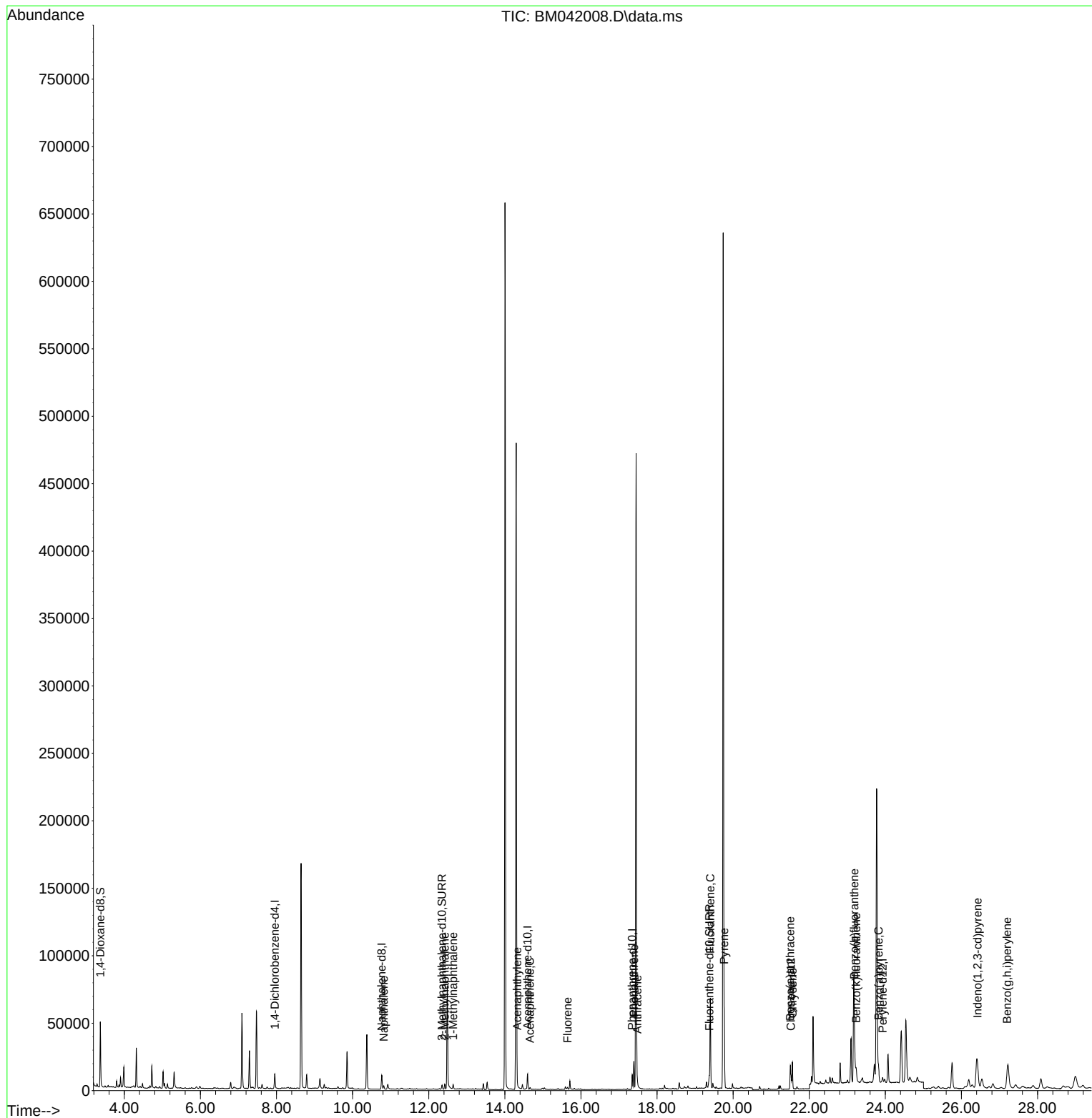
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042008.D
Acq On : 23 Sep 2023 04:37
Operator : MA/JU
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ALS Vial : 25 Sample Multiplier: 1

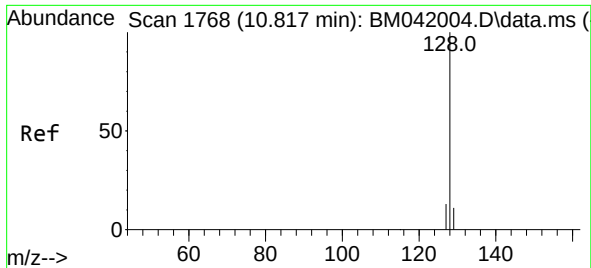
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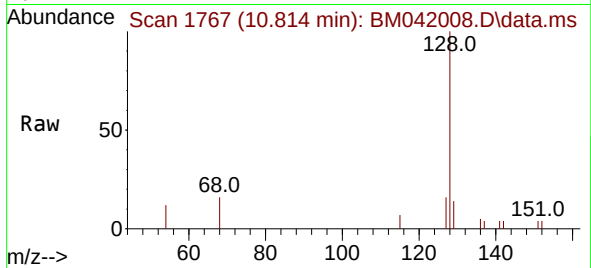
Quant Time: Sep 23 05:10:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.004 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

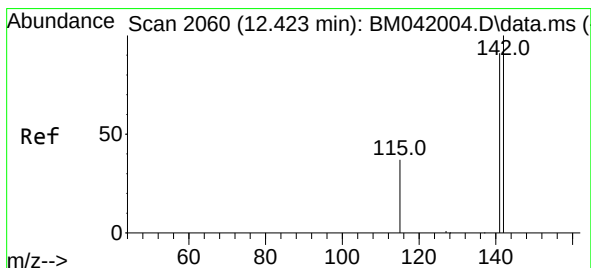
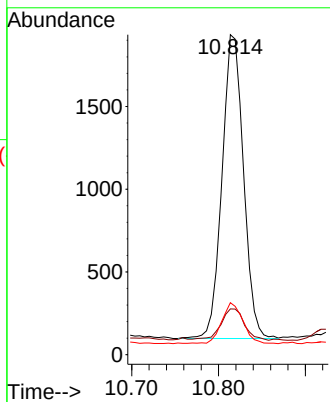
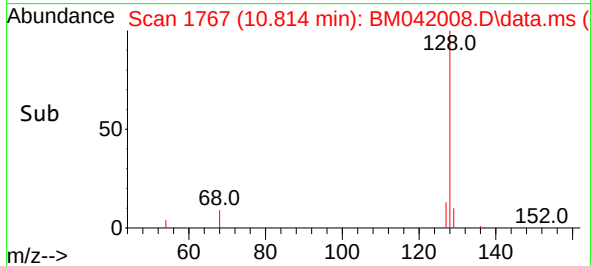
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:128 Resp: 3154
Ion Ratio Lower Upper
128 100
129 14.3 9.2 13.8
127 16.2 10.8 16.2

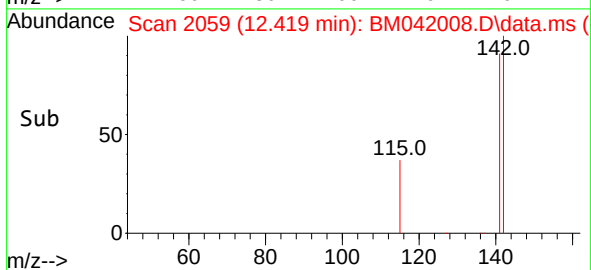
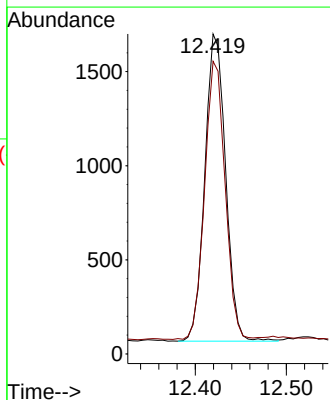
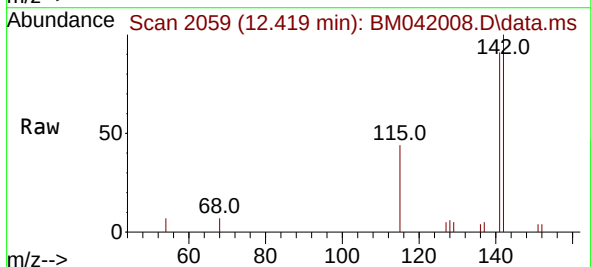
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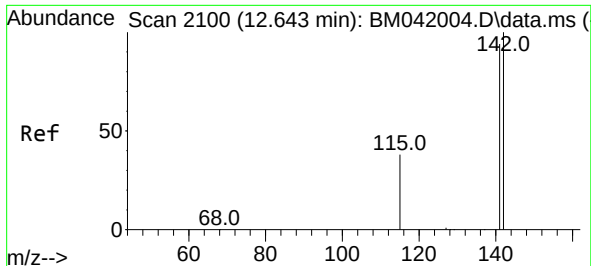
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. -0.004 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

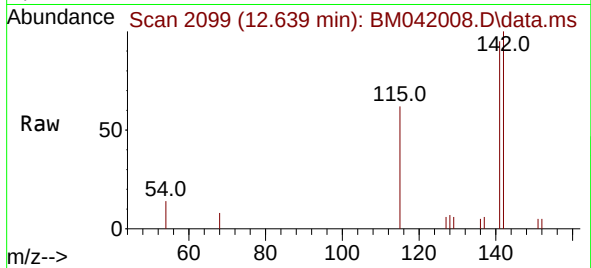
Tgt Ion:142 Resp: 2587
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.639 min Scan# 2099
Delta R.T. -0.004 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

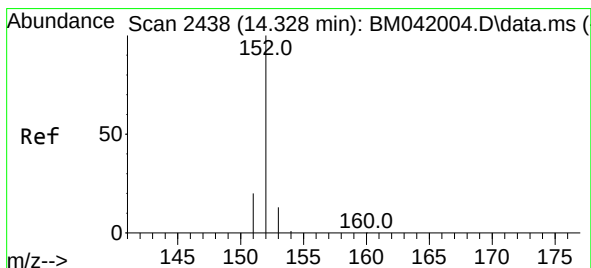
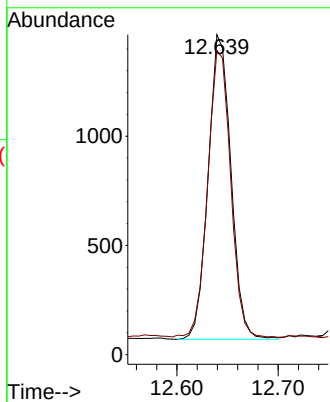
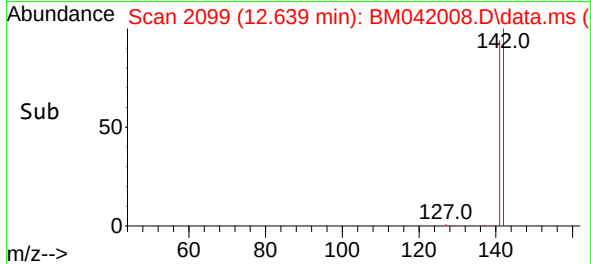
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 218
Ion Ratio Lower Upper
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141 94.0 75.1 112.7

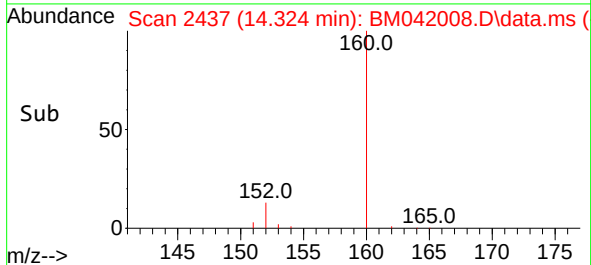
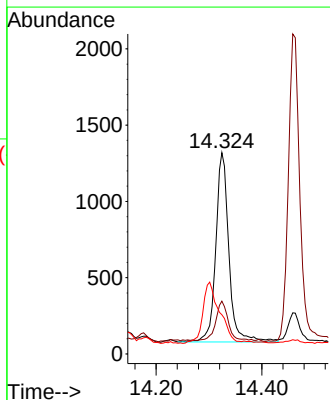
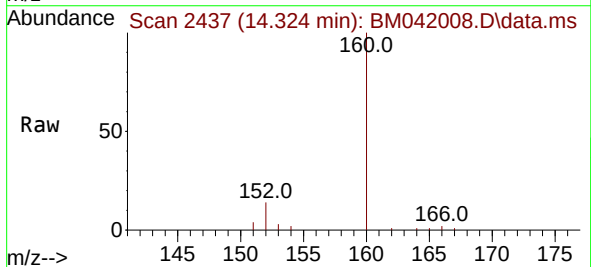
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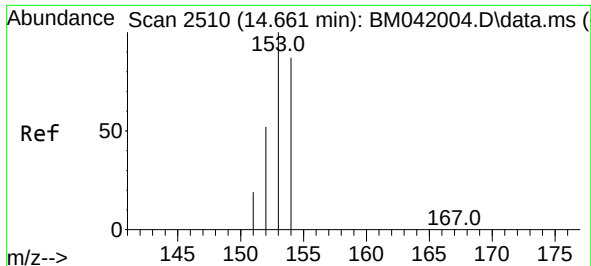
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

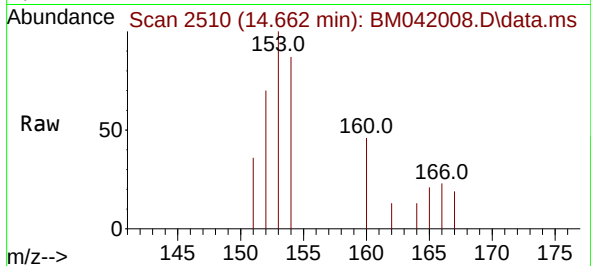
Tgt Ion:152 Resp: 2143
Ion Ratio Lower Upper
152 100
151 26.2 16.2 24.4#
153 19.5 10.8 16.2#





#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.662 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

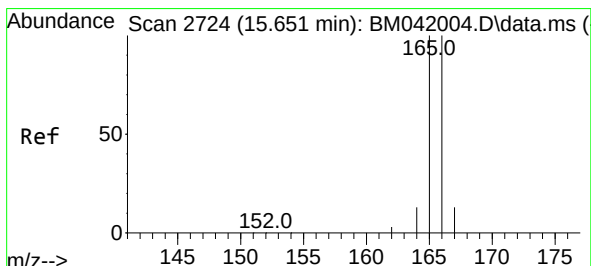
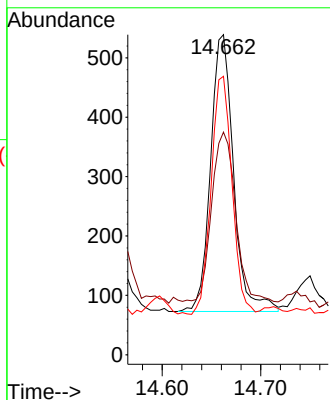
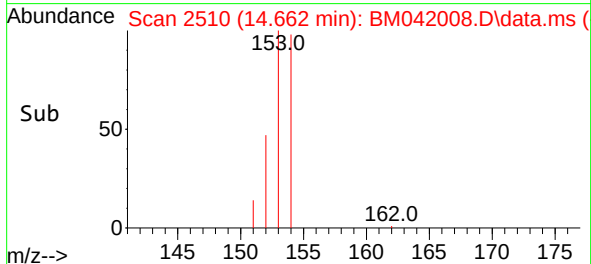
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:153 Resp: 75
Ion Ratio Lower Upper
153 100
152 69.6 41.8 62.8
154 87.0 69.0 103.6

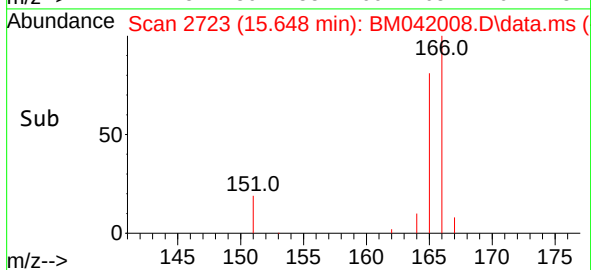
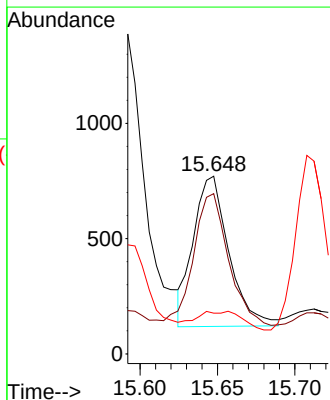
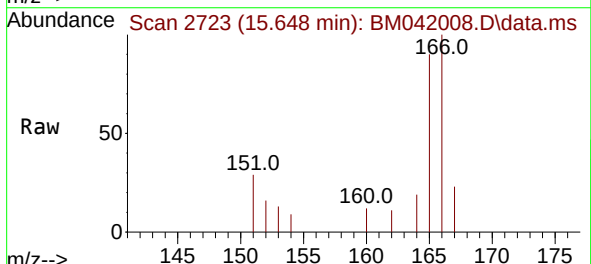
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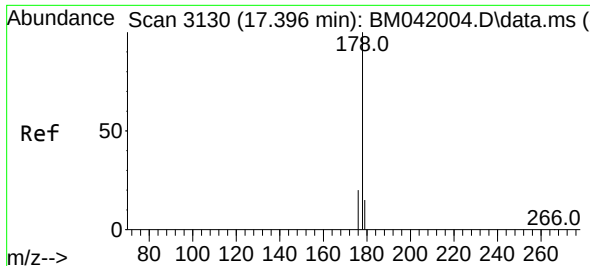
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.004 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

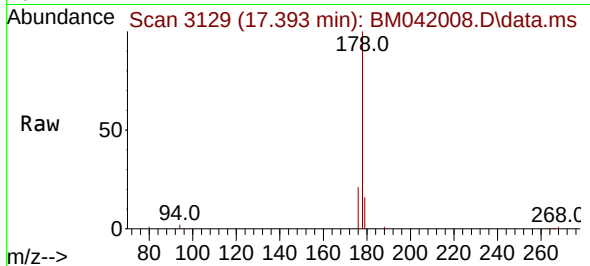
Tgt Ion:166 Resp: 1044
Ion Ratio Lower Upper
166 100
165 90.1 79.8 119.8
167 23.0 11.1 16.7#





#15
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.003 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

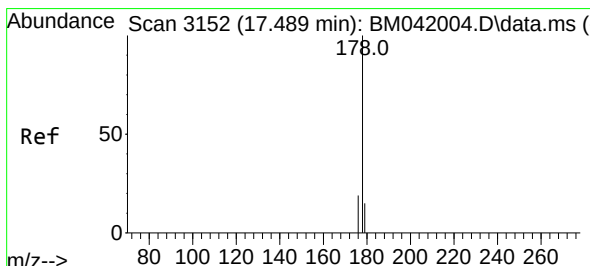
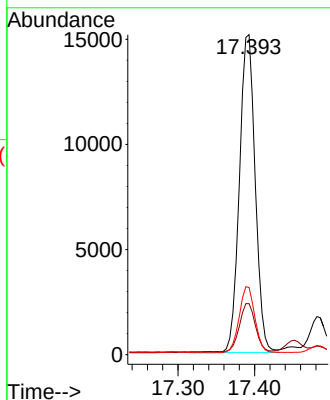
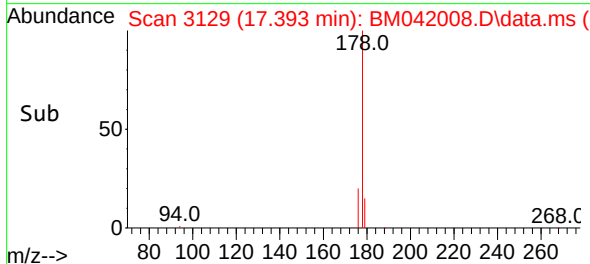
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:178 Resp: 21579
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 21.0 16.6 24.8

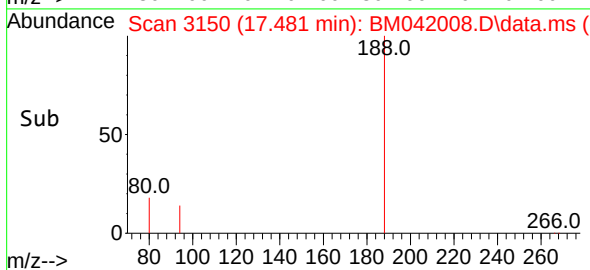
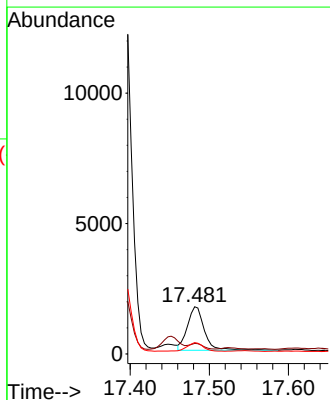
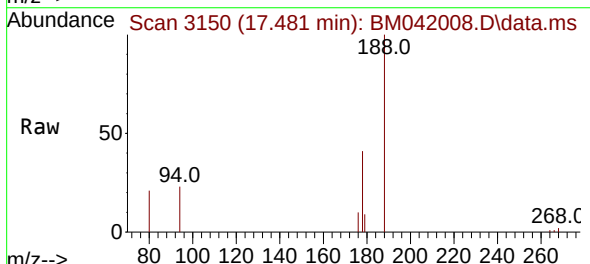
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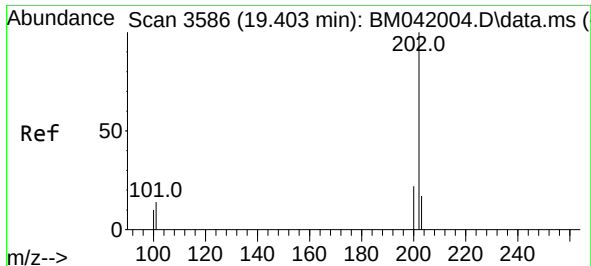
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#16
Anthracene
Concen: 0.057 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

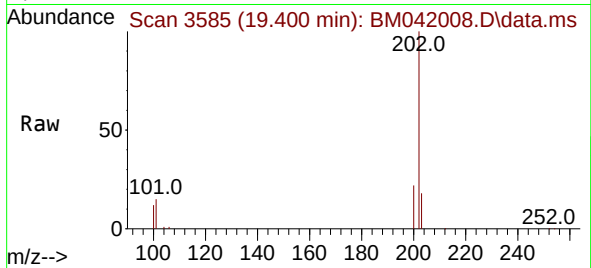
Tgt Ion:178 Resp: 2497
Ion Ratio Lower Upper
178 100
179 22.5 12.9 19.3#
176 24.1 16.2 24.2





#19
Fluoranthene
Concen: 0.971 ng/ul
RT: 19.400 min Scan# 3586
Delta R.T. -0.003 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

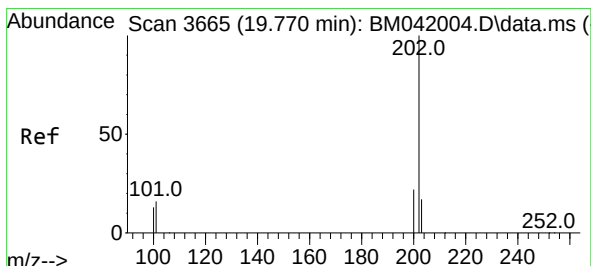
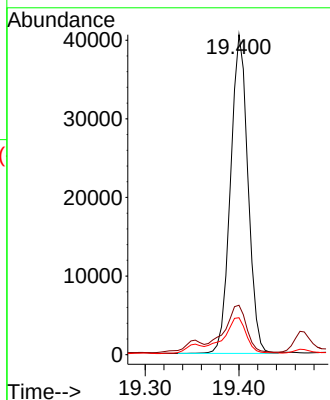
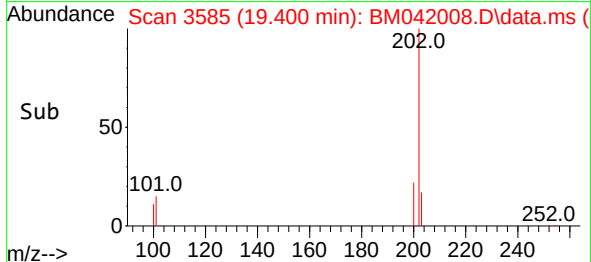
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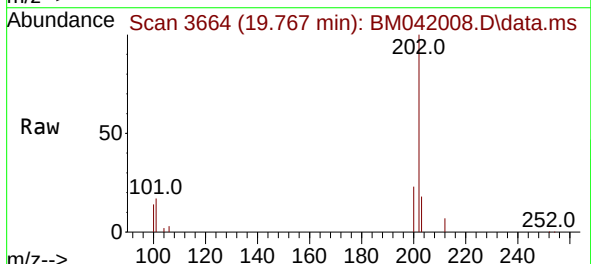
Tgt Ion:202 Resp: 5226
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.6
100 11.6 9.1 13.7

Manual Integrations
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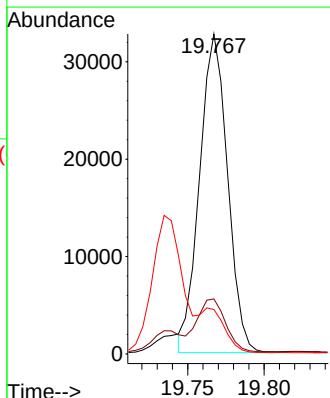
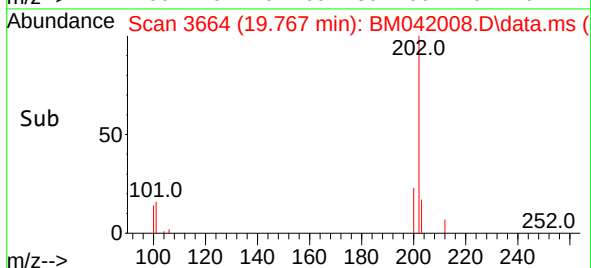
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023

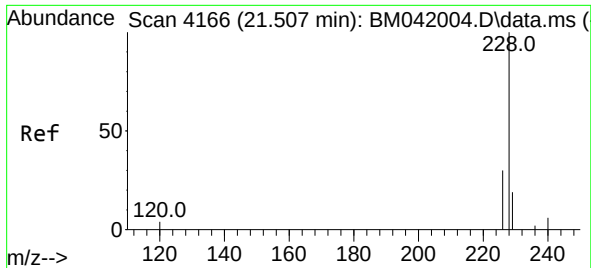


#20
Pyrene
Concen: 0.788 ng/ul m
RT: 19.767 min Scan# 3664
Delta R.T. -0.003 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37



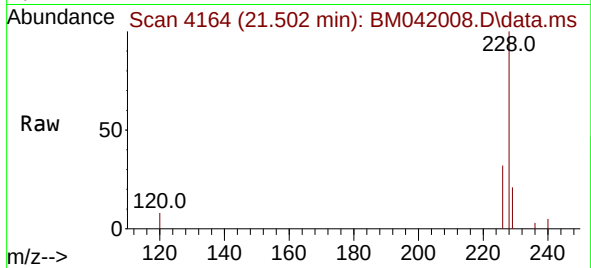
Tgt Ion:202 Resp: 41679
Ion Ratio Lower Upper
202 100
101 17.2 14.1 21.1
100 13.9 11.4 17.0





#21
Benzo(a)anthracene
Concen: 0.394 ng/u1
RT: 21.502 min Scan# 4164
Delta R.T. -0.005 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

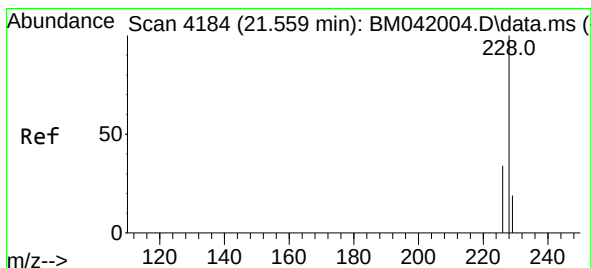
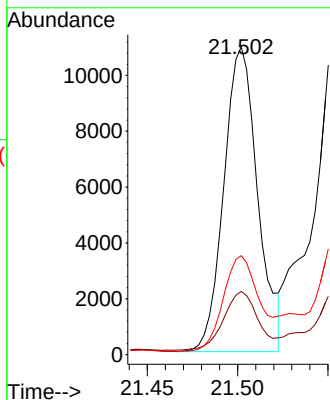
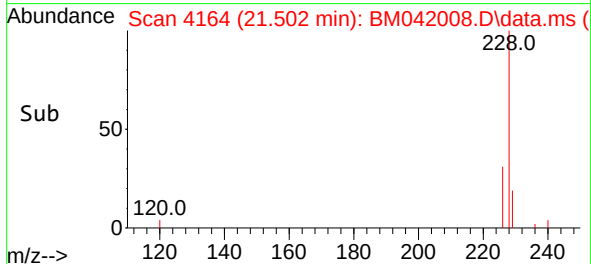
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:228 Resp: 14219
Ion Ratio Lower Upper
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229 20.5 15.5 23.3
226 32.2 24.8 37.2

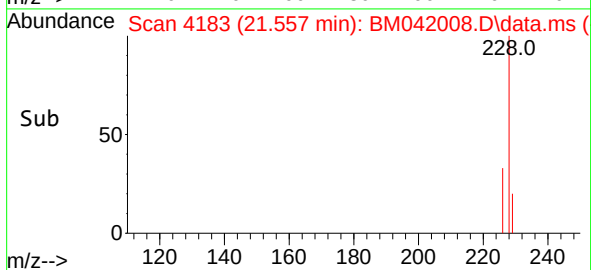
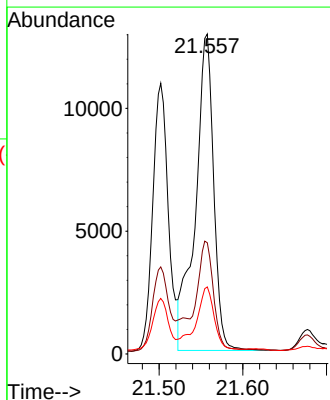
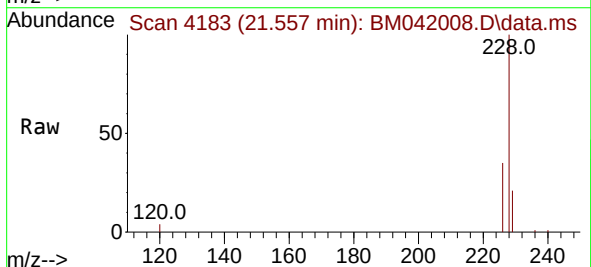
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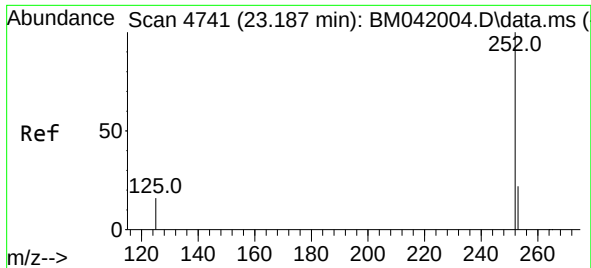
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#22
Chrysene
Concen: 0.525 ng/u1
RT: 21.557 min Scan# 4183
Delta R.T. -0.005 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

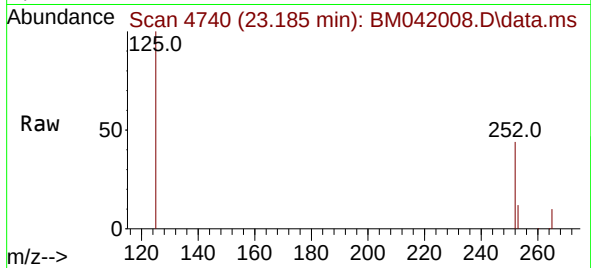
Tgt Ion:228 Resp: 19567
Ion Ratio Lower Upper
228 100
226 34.8 27.8 41.6
229 21.0 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.791 ng/ul
RT: 23.185 min Scan# 4741
Delta R.T. -0.005 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

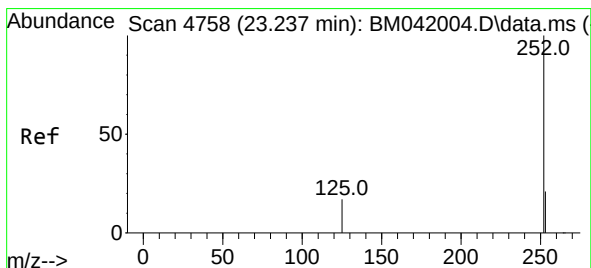
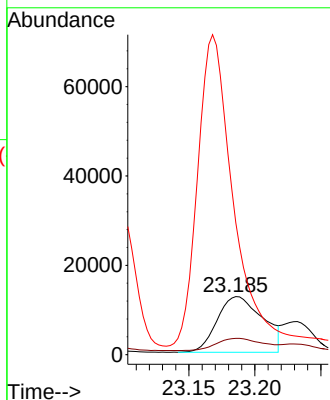
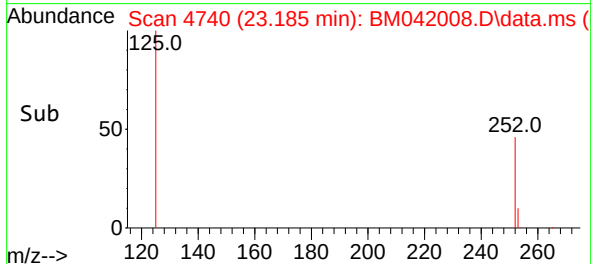
Instrument :
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ClientSampleId :
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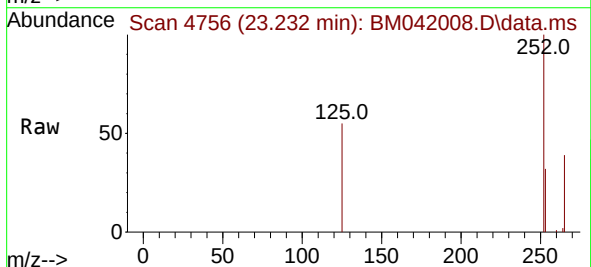
Tgt Ion:252 Resp: 30090
Ion Ratio Lower Upper
252 100
253 28.0 0.0 54.4
125 227.2 0.0 46.2

Manual Integrations
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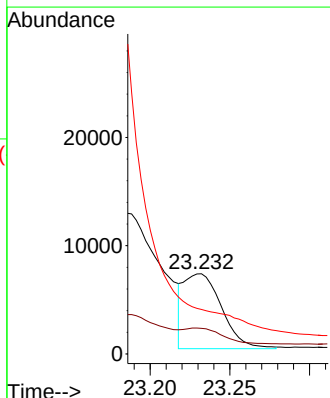
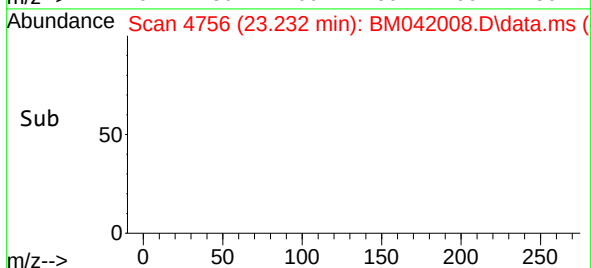
Reviewed By :Yogesh Patel 09/25/2023
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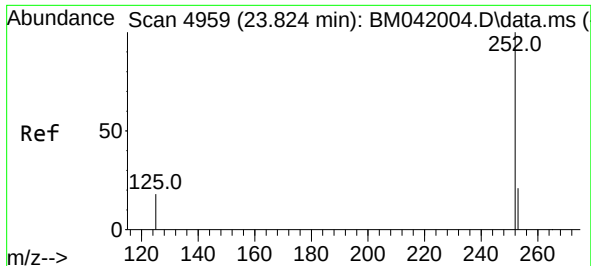


#25
Benzo(k)fluoranthene
Concen: 0.309 ng/ul m
RT: 23.232 min Scan# 4756
Delta R.T. -0.008 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37



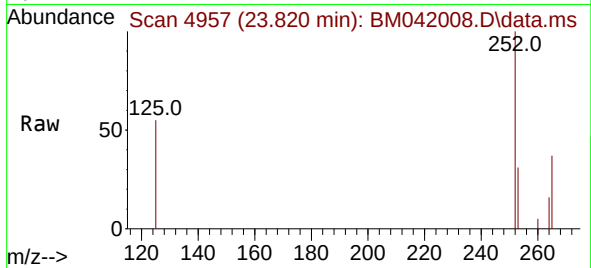
Tgt Ion:252 Resp: 11424
Ion Ratio Lower Upper
252 100
253 31.9 21.0 31.6#
125 55.4 19.0 28.6#





#26
Benzo(a)pyrene
Concen: 0.467 ng/ul
RT: 23.820 min Scan# 4959
Delta R.T. -0.008 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

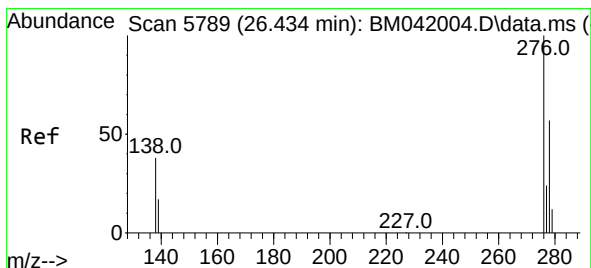
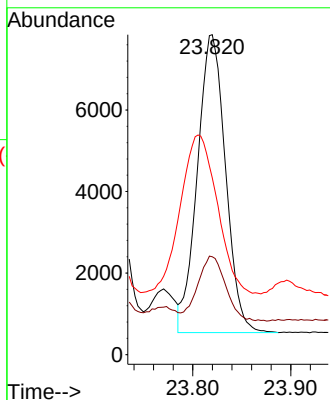
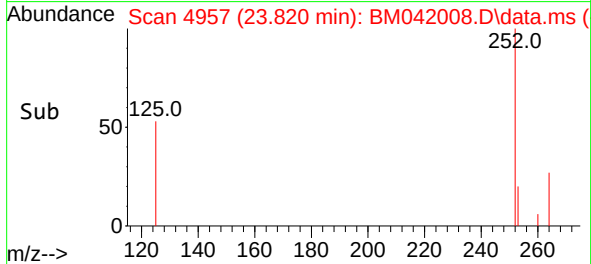
Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion:252 Resp: 14609
Ion Ratio Lower Upper
252 100
253 30.6 23.2 34.8
125 55.3 22.5 33.7

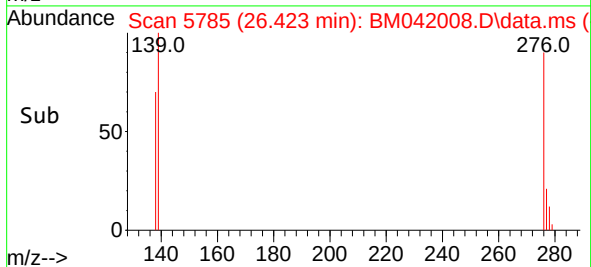
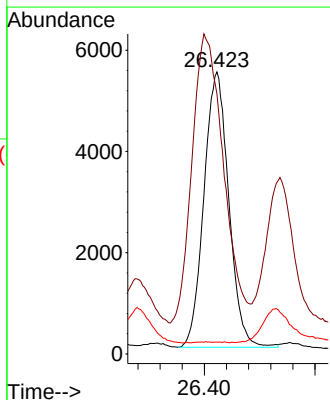
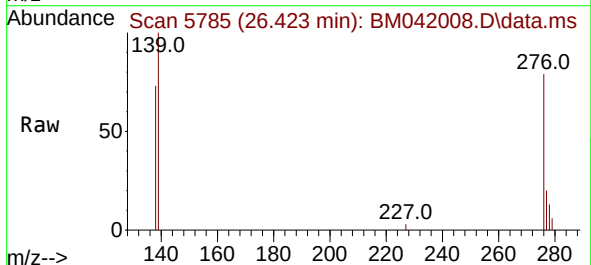
Manual Integrations
APPROVED

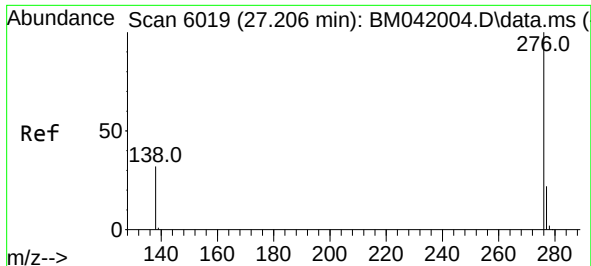
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 26.423 min Scan# 5785
Delta R.T. -0.008 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

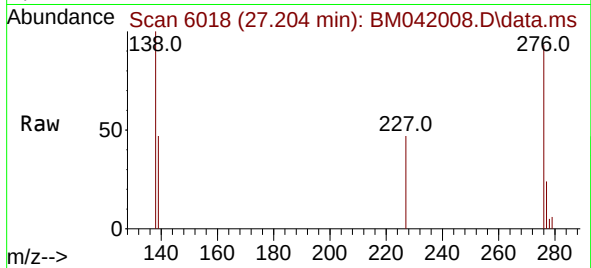
Tgt Ion:276 Resp: 16939
Ion Ratio Lower Upper
276 100
138 0.0 32.1 48.1#
227 0.0 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.483 ng/ul
RT: 27.204 min Scan# 6019
Delta R.T. -0.005 min
Lab File: BM042008.D
Acq: 23 Sep 2023 04:37

Instrument :
BNA_M
ClientSampleId :
C0AC0



Tgt Ion	Ratio	Lower	Upper
276	100		
138	108.1	29.0	43.4
277	25.9	19.6	29.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023

