

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041667.D
 Acq On : 06 Sep 2023 20:25
 Operator : MA/JU
 Sample : 04113-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 21:05:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6152	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	15927	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	8213	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15654	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	8855	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	9805	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	27100	2.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3564	0.174	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6578	0.153	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.873	128	101458	1.940	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	54488	1.835	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	32719	1.097	ng/ul	99
10) Acenaphthylene	14.375	152	12737	0.251	ng/ul#	92
11) Acenaphthene	14.708	153	24210	0.614	ng/ul	98
12) Fluorene	15.693	166	27534	0.622	ng/ul	97
15) Phenanthrene	17.438	178	222162	3.361	ng/ul	99
16) Anthracene	17.531	178	54884	0.969	ng/ul#	95
19) Fluoranthene	19.450	202	395018	3.780	ng/ul	99
20) Pyrene	19.817	202	418583m	4.032	ng/ul	
21) Benzo(a)anthracene	21.553	228	157620	2.183	ng/ul#	92
22) Chrysene	21.609	228	196753m	2.525	ng/ul	
24) Benzo(b)fluoranthene	23.260	252	282008	3.214	ng/ul	87
25) Benzo(k)fluoranthene	23.304	252	88906m	1.035	ng/ul	
26) Benzo(a)pyrene	23.901	252	178107	2.498	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.532	276	157167	1.607	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.545	278	38283	0.558	ng/ul#	69
29) Benzo(g,h,i)perylene	27.327	276	173948	2.007	ng/ul	98

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

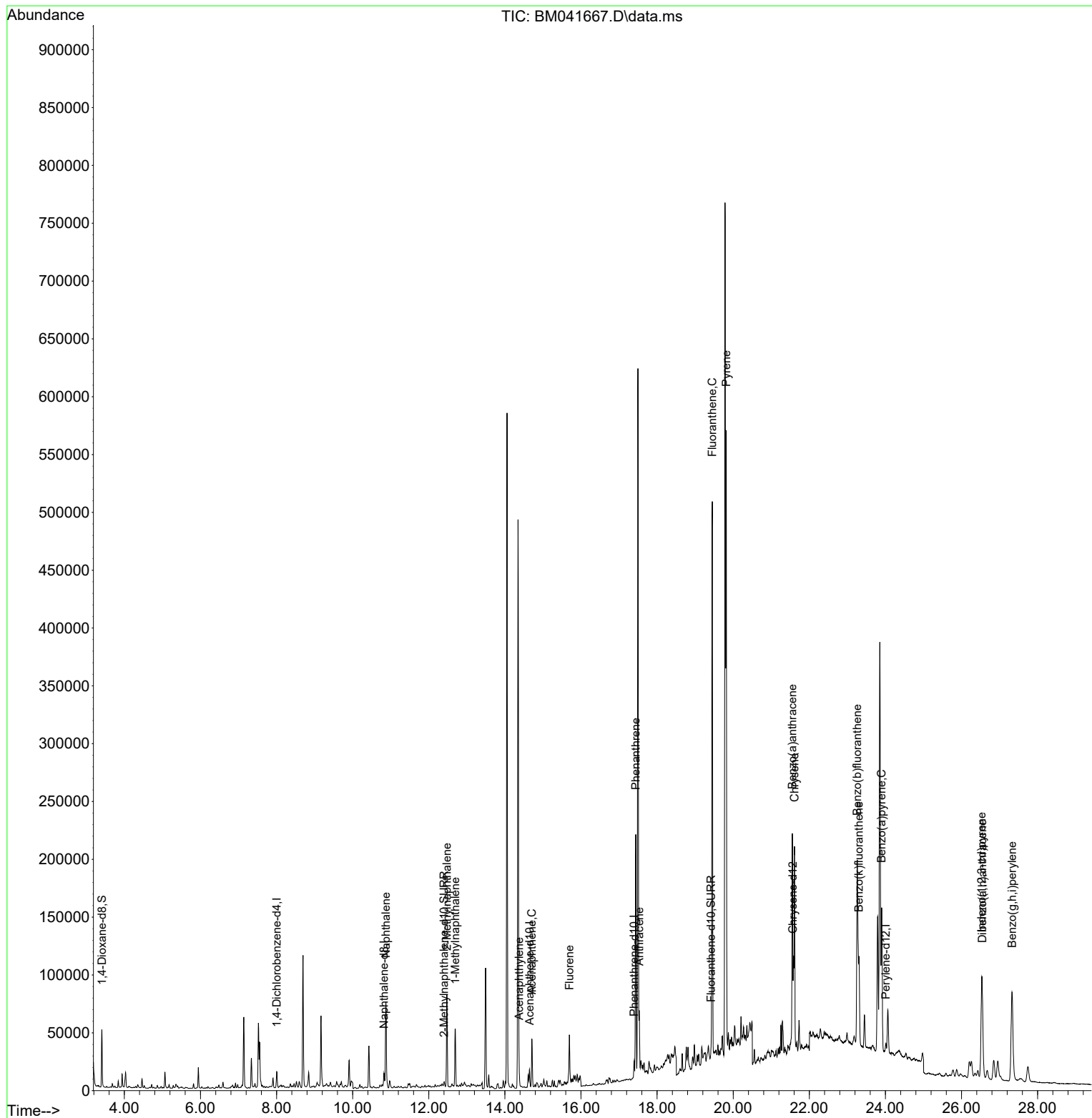
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041667.D
Acq On : 06 Sep 2023 20:25
Operator : MA/JU
Sample : 04113-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

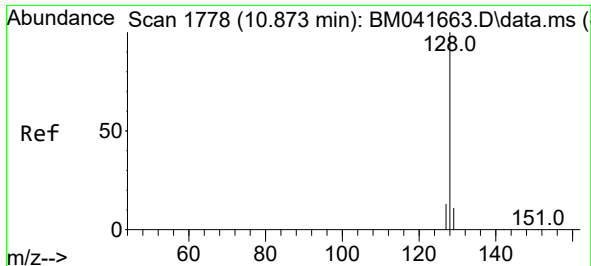
Instrument :
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EZYH6

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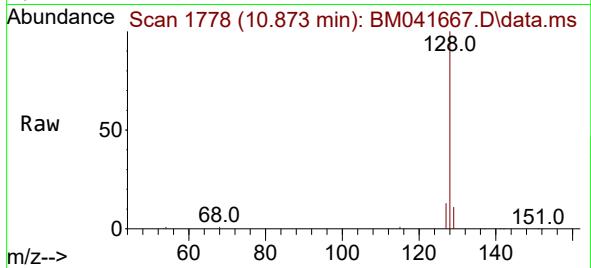
Quant Time: Sep 06 21:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.940 ng/ul
RT: 10.873 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

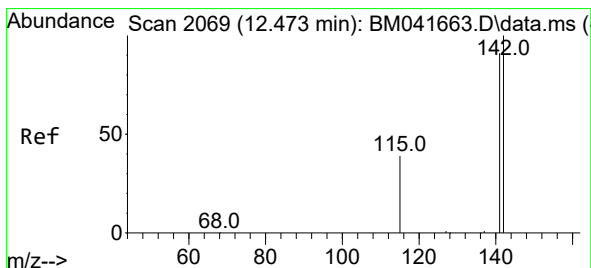
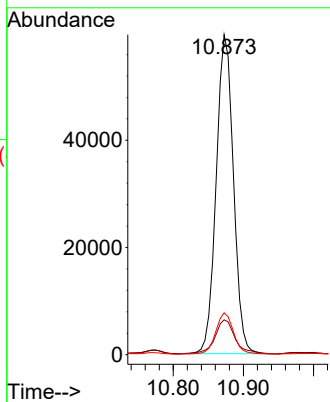
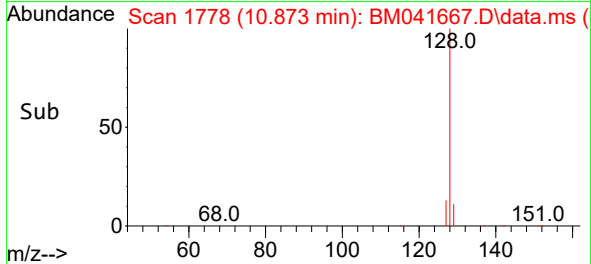
Instrument :
BNA_M
ClientSampleId :
EZYH6



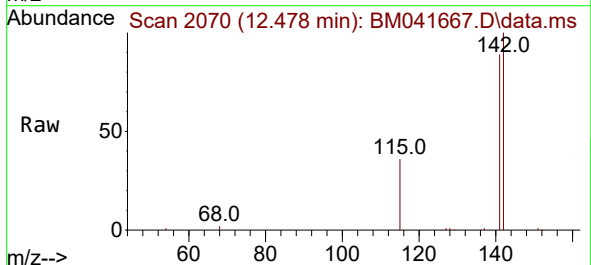
Tgt Ion:128 Resp: 101458
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.1 11.0 16.6

Manual Integrations
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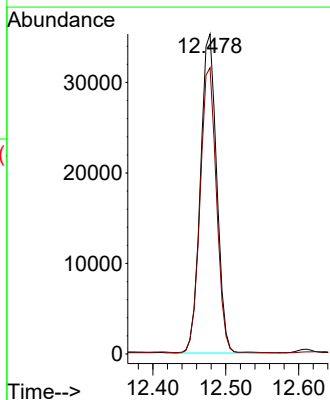
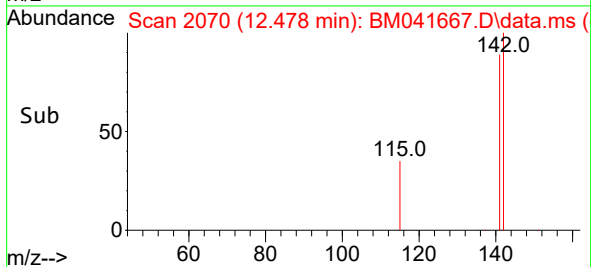
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

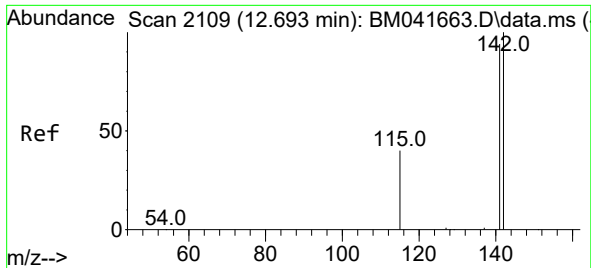


#7
2-Methylnaphthalene
Concen: 1.835 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25



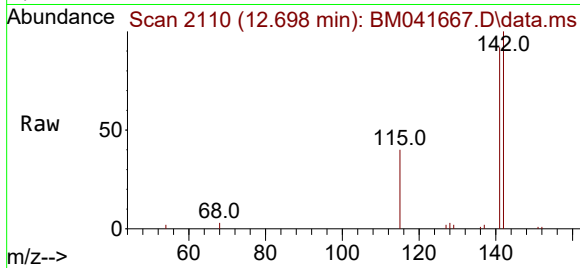
Tgt Ion:142 Resp: 54488
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 1.097 ng/ul
RT: 12.698 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

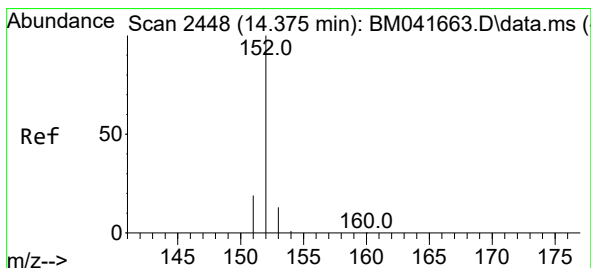
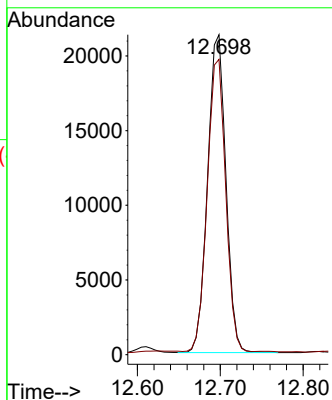
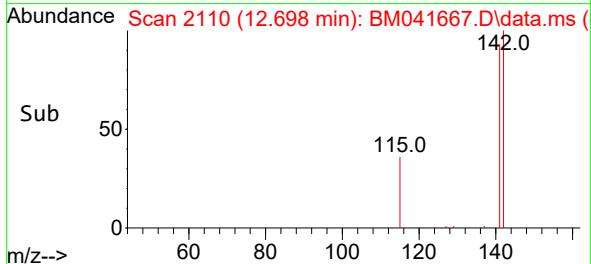
Instrument :
BNA_M
ClientSampleId :
EZYH6



Tgt Ion:142 Resp: 32719
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6

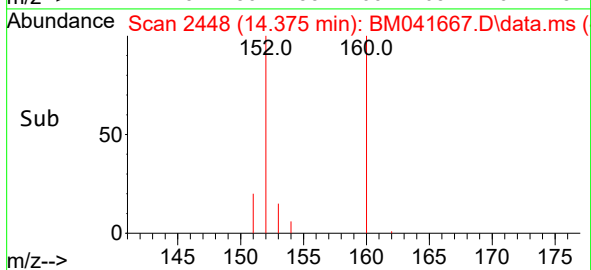
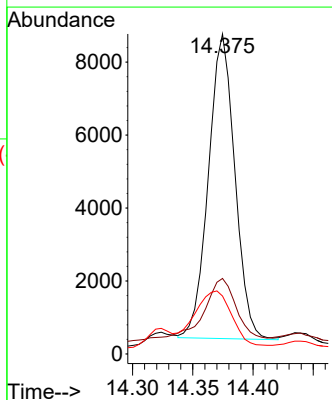
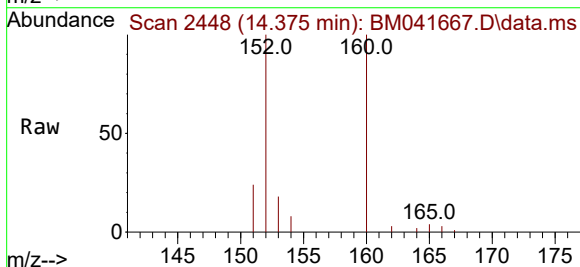
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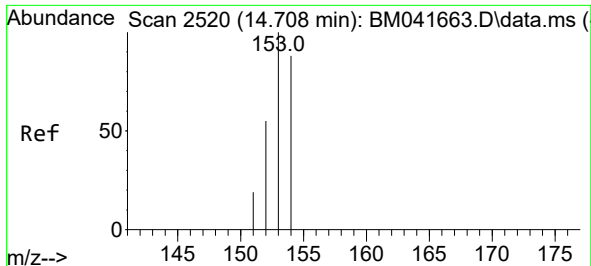
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#10
Acenaphthylene
Concen: 0.251 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

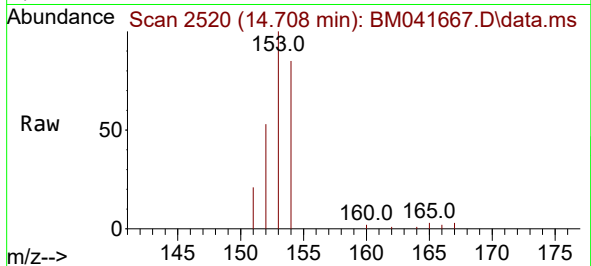
Tgt Ion:152 Resp: 12737
Ion Ratio Lower Upper
152 100
151 23.6 16.4 24.6
153 18.1 11.1 16.7#





#11
Acenaphthene
Concen: 0.614 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

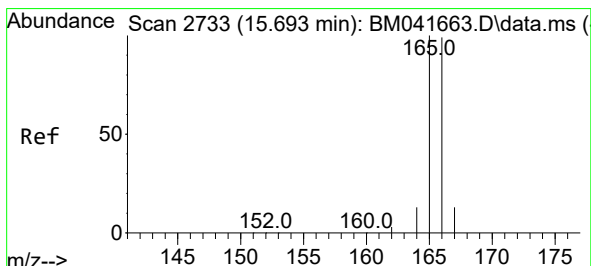
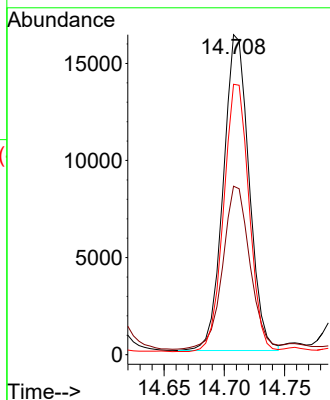
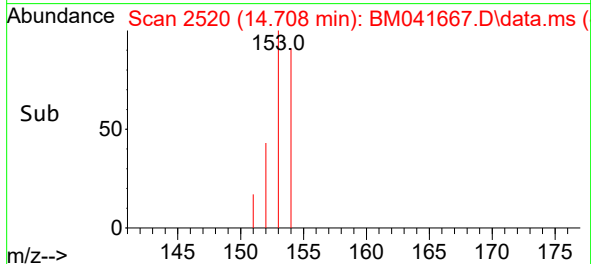
Instrument :
BNA_M
ClientSampleId :
EZYH6



Tgt Ion:153 Resp: 24210
Ion Ratio Lower Upper
153 100
152 52.7 43.4 65.2
154 84.5 69.4 104.0

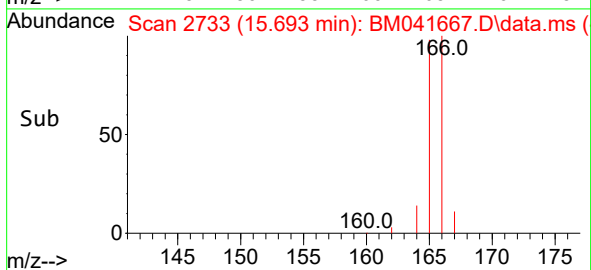
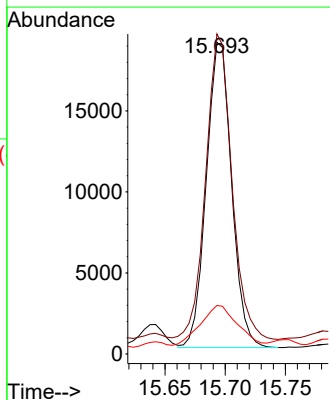
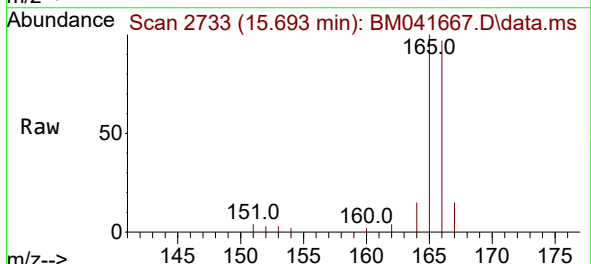
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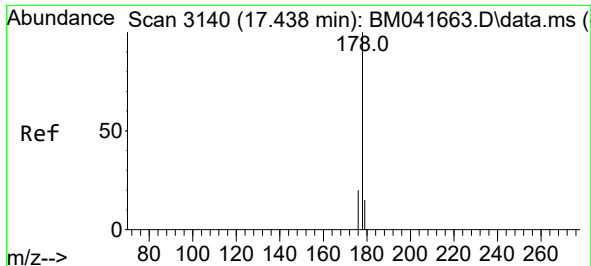
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#12
Fluorene
Concen: 0.622 ng/ul
RT: 15.693 min Scan# 2733
Delta R.T. -0.005 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

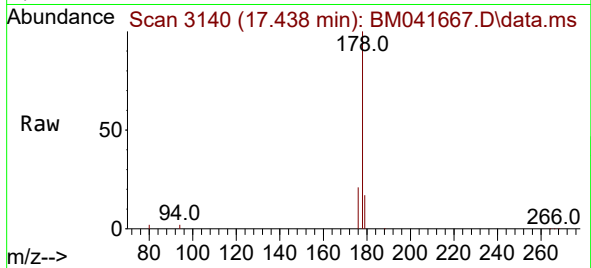
Tgt Ion:166 Resp: 27534
Ion Ratio Lower Upper
166 100
165 102.7 79.4 119.2
167 15.5 11.3 16.9





#15
Phenanthrene
Concen: 3.361 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

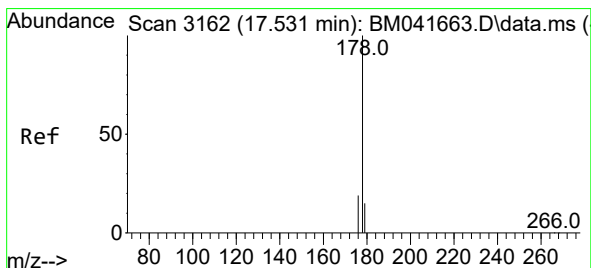
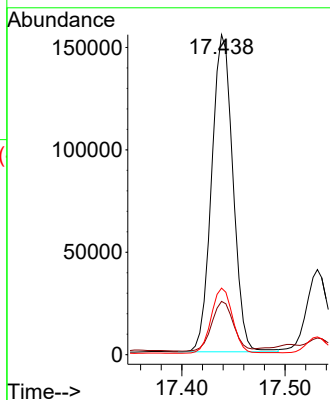
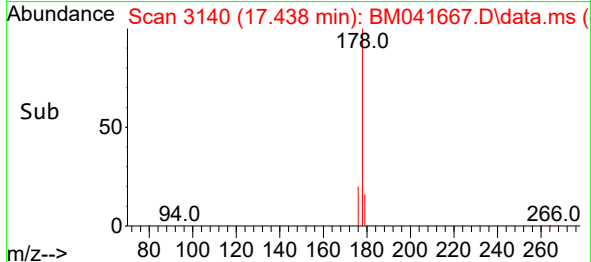
Instrument :
BNA_M
ClientSampleId :
EZYH6



Tgt Ion:178 Resp: 222162
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 20.8 16.9 25.3

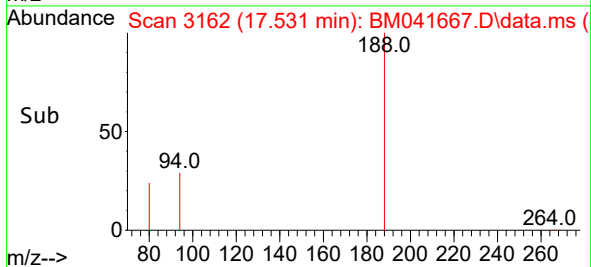
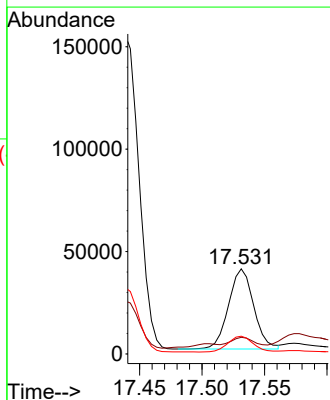
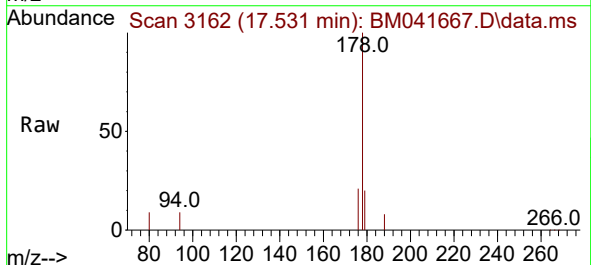
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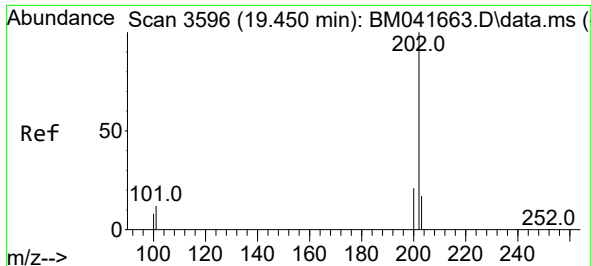
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#16
Anthracene
Concen: 0.969 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

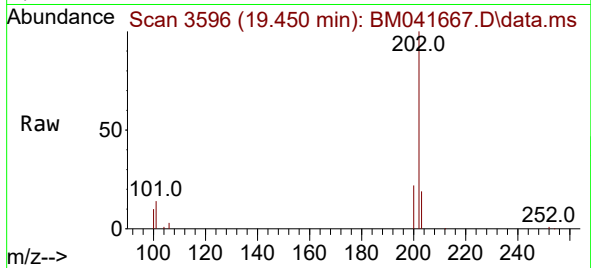
Tgt Ion:178 Resp: 54884
Ion Ratio Lower Upper
178 100
179 19.5 12.9 19.3#
176 20.9 15.8 23.8





#19
Fluoranthene
Concen: 3.780 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

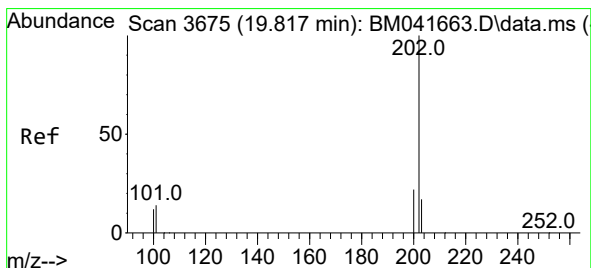
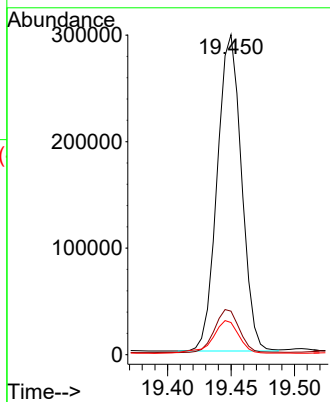
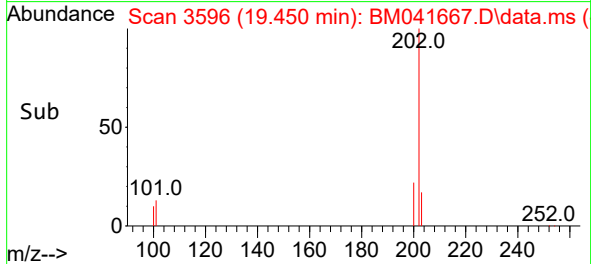
Instrument :
BNA_M
ClientSampleId :
EZYH6



Tgt Ion:202 Resp: 395018
Ion Ratio Lower Upper
202 100
101 13.6 10.5 15.7
100 10.0 8.4 12.6

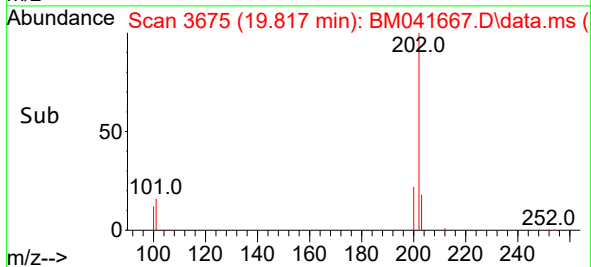
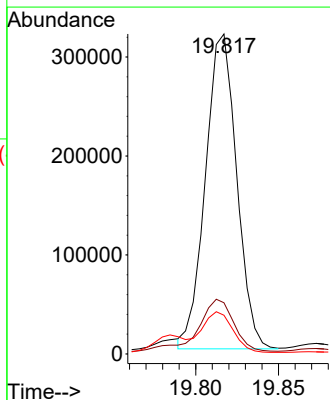
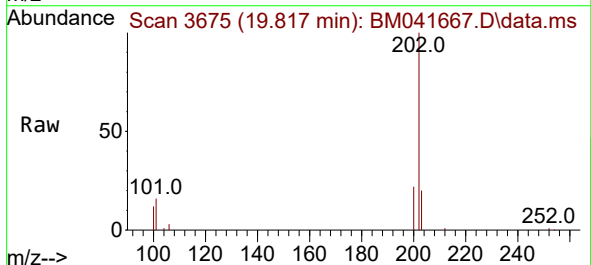
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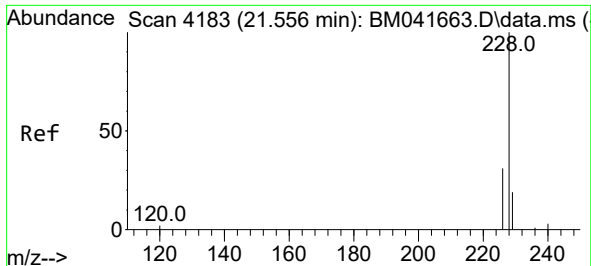
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#20
Pyrene
Concen: 4.032 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

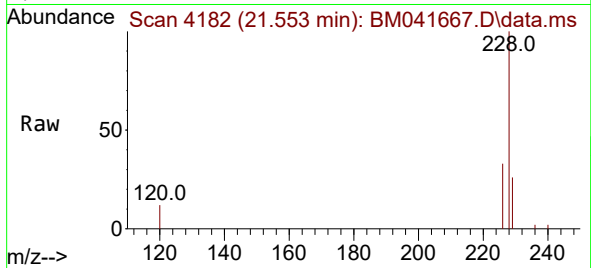
Tgt Ion:202 Resp: 418583
Ion Ratio Lower Upper
202 100
101 16.0 11.8 17.8
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.183 ng/ul
RT: 21.553 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

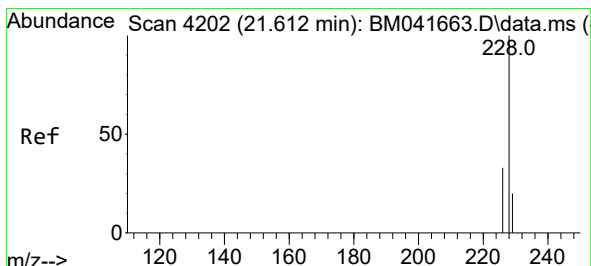
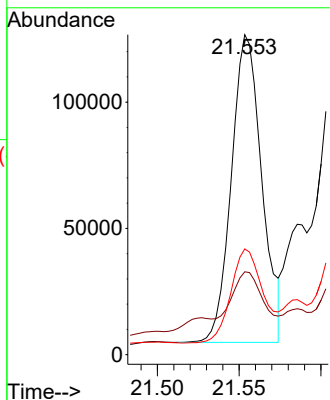
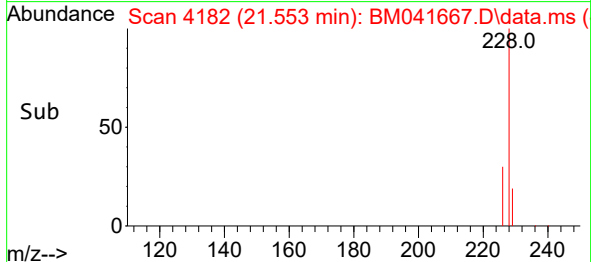
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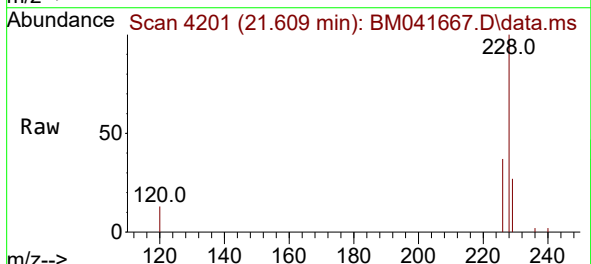
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Ion Ratio Lower Upper
228 100
229 25.9 15.8 23.6
226 33.1 24.8 37.2

Manual Integrations
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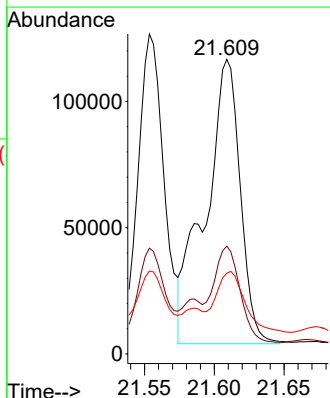
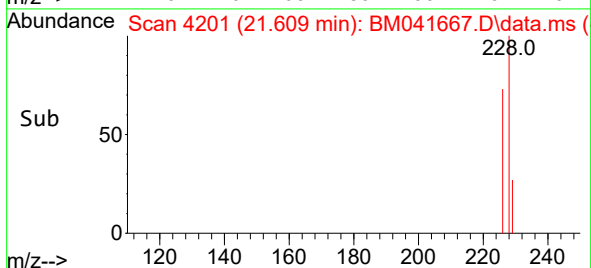
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

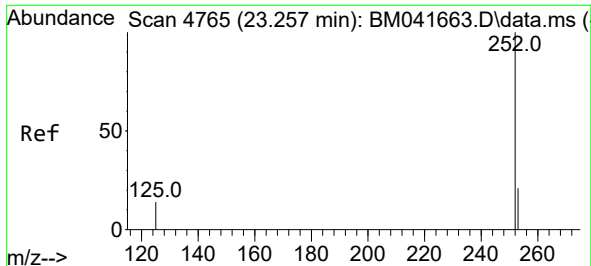


#22
Chrysene
Concen: 2.525 ng/ul m
RT: 21.609 min Scan# 4201
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25



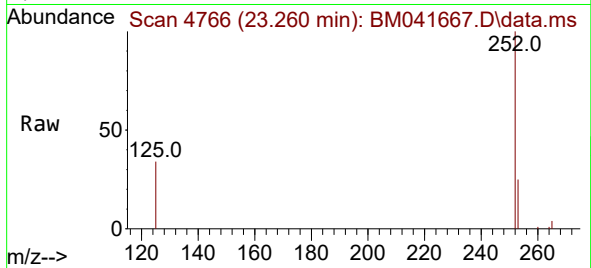
Tgt Ion:228 Resp: 196753
Ion Ratio Lower Upper
228 100
226 36.6 27.0 40.6
229 27.5 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 3.214 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. 0.009 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

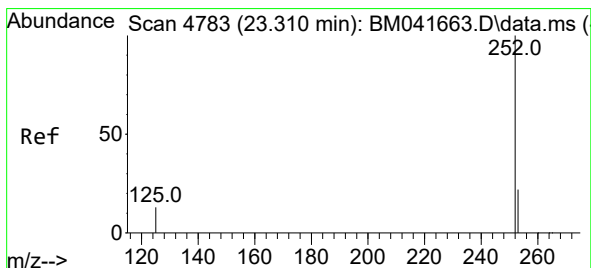
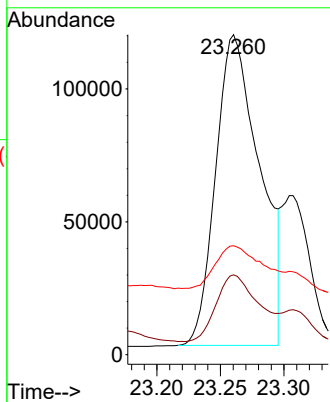
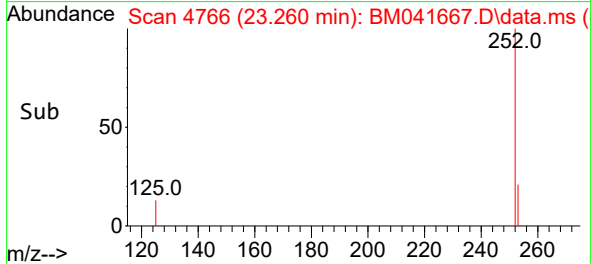
Instrument :
BNA_M
ClientSampleId :
EZYH6



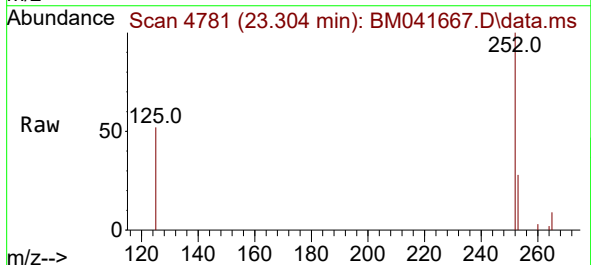
Tgt Ion:252 Resp: 282008
Ion Ratio Lower Upper
252 100
253 25.0 0.0 52.4
125 34.0 0.0 42.8

Manual Integrations
APPROVED

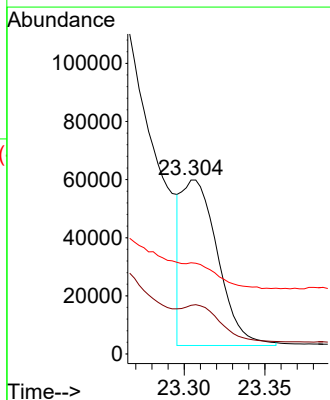
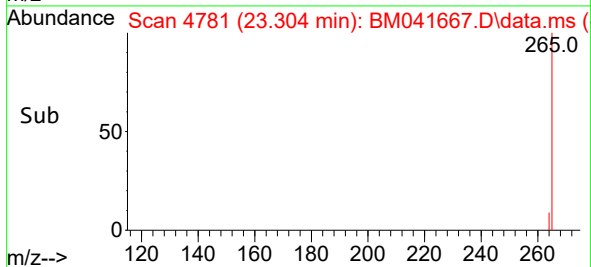
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

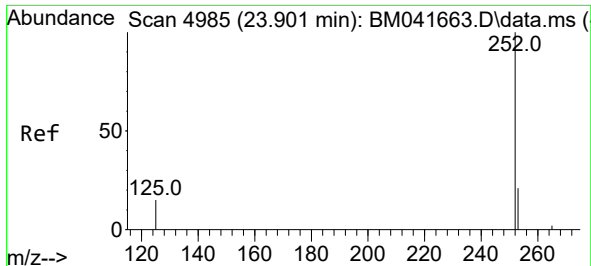


#25
Benzo(k)fluoranthene
Concen: 1.035 ng/ul m
RT: 23.304 min Scan# 4781
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25



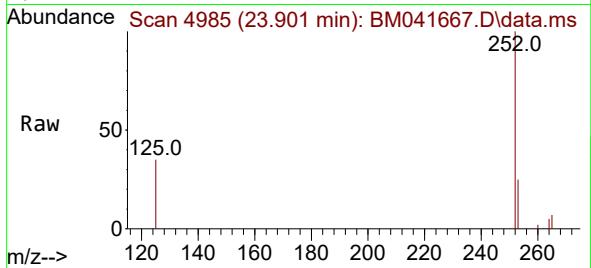
Tgt Ion:252 Resp: 88906
Ion Ratio Lower Upper
252 100
253 27.9 21.3 31.9
125 52.4 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 2.498 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. 0.003 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

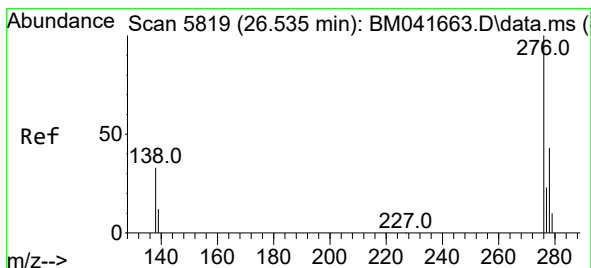
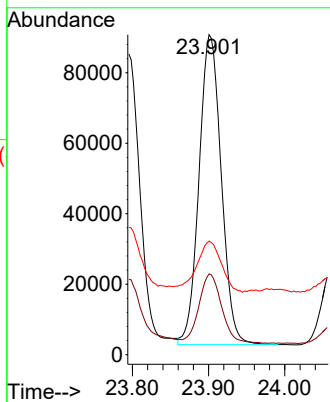
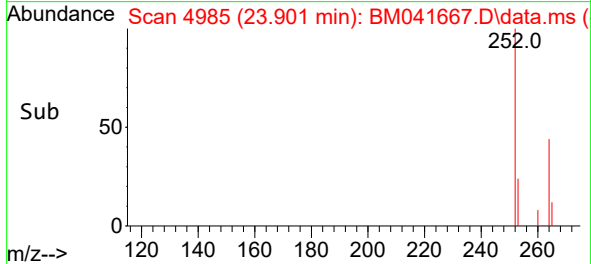
Instrument :
BNA_M
ClientSampleId :
EZYH6



Tgt Ion:252 Resp: 17810
Ion Ratio Lower Upper
252 100
253 25.3 22.4 33.6
125 35.5 21.0 31.4

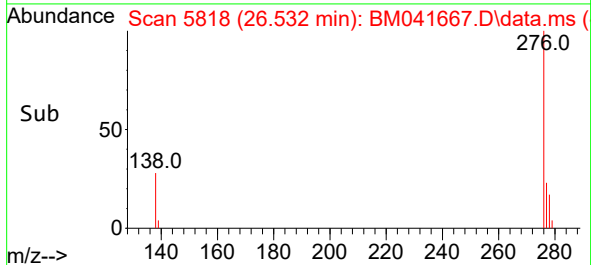
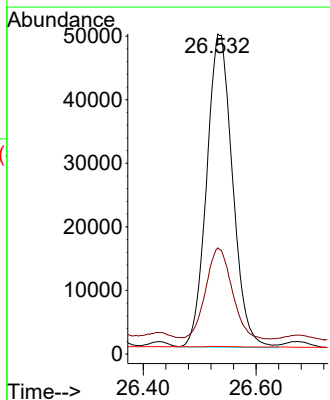
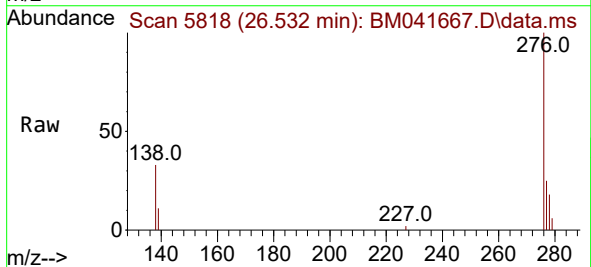
Manual Integrations
APPROVED

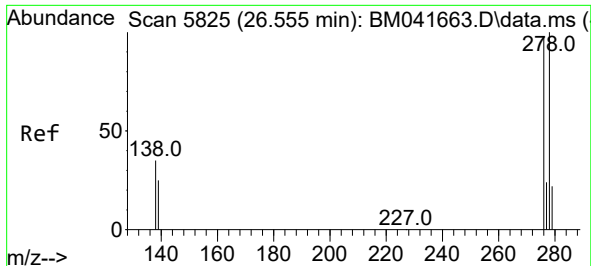
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.607 ng/ul
RT: 26.532 min Scan# 5818
Delta R.T. 0.000 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

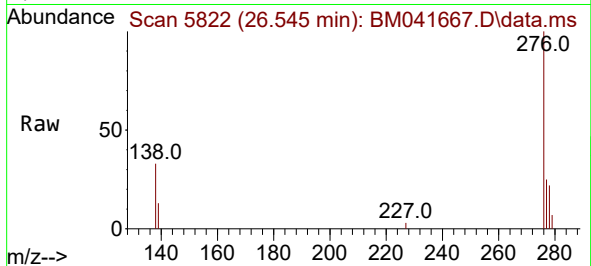
Tgt Ion:276 Resp: 157167
Ion Ratio Lower Upper
276 100
138 29.5 26.4 39.6
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.558 ng/ul
RT: 26.545 min Scan# 5825
Delta R.T. -0.007 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25

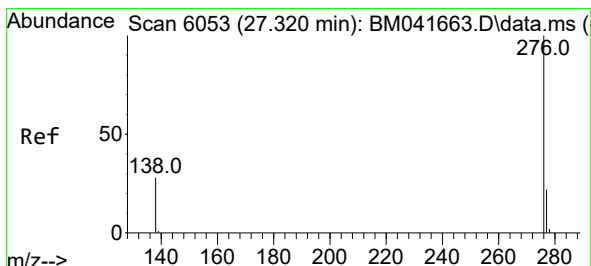
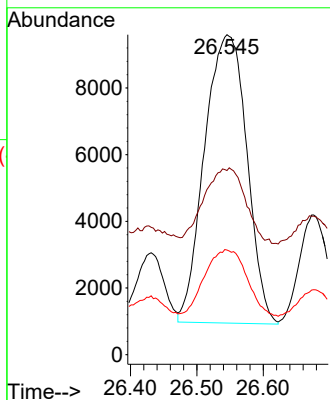
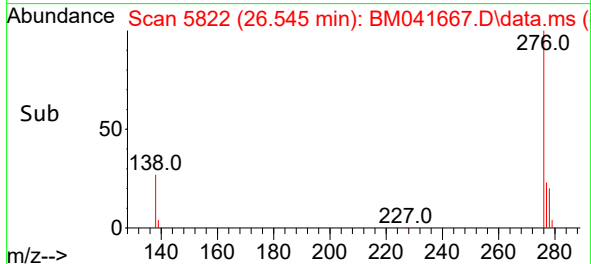
Instrument :
BNA_M
ClientSampleId :
EZYH6



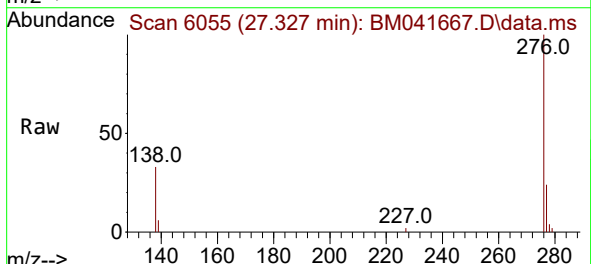
Tgt Ion:278 Resp: 3828
Ion Ratio Lower Upper
278 100
139 57.5 23.0 34.6
279 32.7 22.9 34.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#29
Benzo(g,h,i)perylene
Concen: 2.007 ng/ul
RT: 27.327 min Scan# 6055
Delta R.T. 0.010 min
Lab File: BM041667.D
Acq: 06 Sep 2023 20:25



Tgt Ion:276 Resp: 173948
Ion Ratio Lower Upper
276 100
138 32.7 25.0 37.4
277 24.3 20.2 30.2

