

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041669.D
 Acq On : 06 Sep 2023 21:41
 Operator : MA/JU
 Sample : 04113-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYL3

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 22:35:25 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	6422	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	15976	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	8373	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15876	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.568	240	8642	0.400	ng/ul	# 0.00
23) Perylene-d12	24.003	264	10098	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	28942	2.949	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4102	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	7550	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.873	128	130718	2.492	ng/ul	98
7) 2-Methylnaphthalene	12.478	142	41435	1.391	ng/ul	99
8) 1-Methylnaphthalene	12.698	142	36090	1.206	ng/ul	99
10) Acenaphthylene	14.375	152	23560	0.455	ng/ul	97
11) Acenaphthene	14.708	153	30418	0.756	ng/ul	98
12) Fluorene	15.693	166	39834	0.883	ng/ul	98
15) Phenanthrene	17.438	178	381327	5.688	ng/ul	99
16) Anthracene	17.531	178	90655	1.578	ng/ul	98
19) Fluoranthene	19.450	202	744675	7.301	ng/ul	97
20) Pyrene	19.812	202	659237m	6.507	ng/ul	
21) Benzo(a)anthracene	21.550	228	305261	4.331	ng/ul	99
22) Chrysene	21.606	228	329855	4.338	ng/ul#	97
24) Benzo(b)fluoranthene	23.254	252	451910	5.001	ng/ul	96
25) Benzo(k)fluoranthene	23.301	252	163064m	1.844	ng/ul	
26) Benzo(a)pyrene	23.895	252	320781	4.369	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.525	276	255779	2.539	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.542	278	58305	0.826	ng/ul#	92
29) Benzo(g,h,i)perylene	27.316	276	261664	2.932	ng/ul	97

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

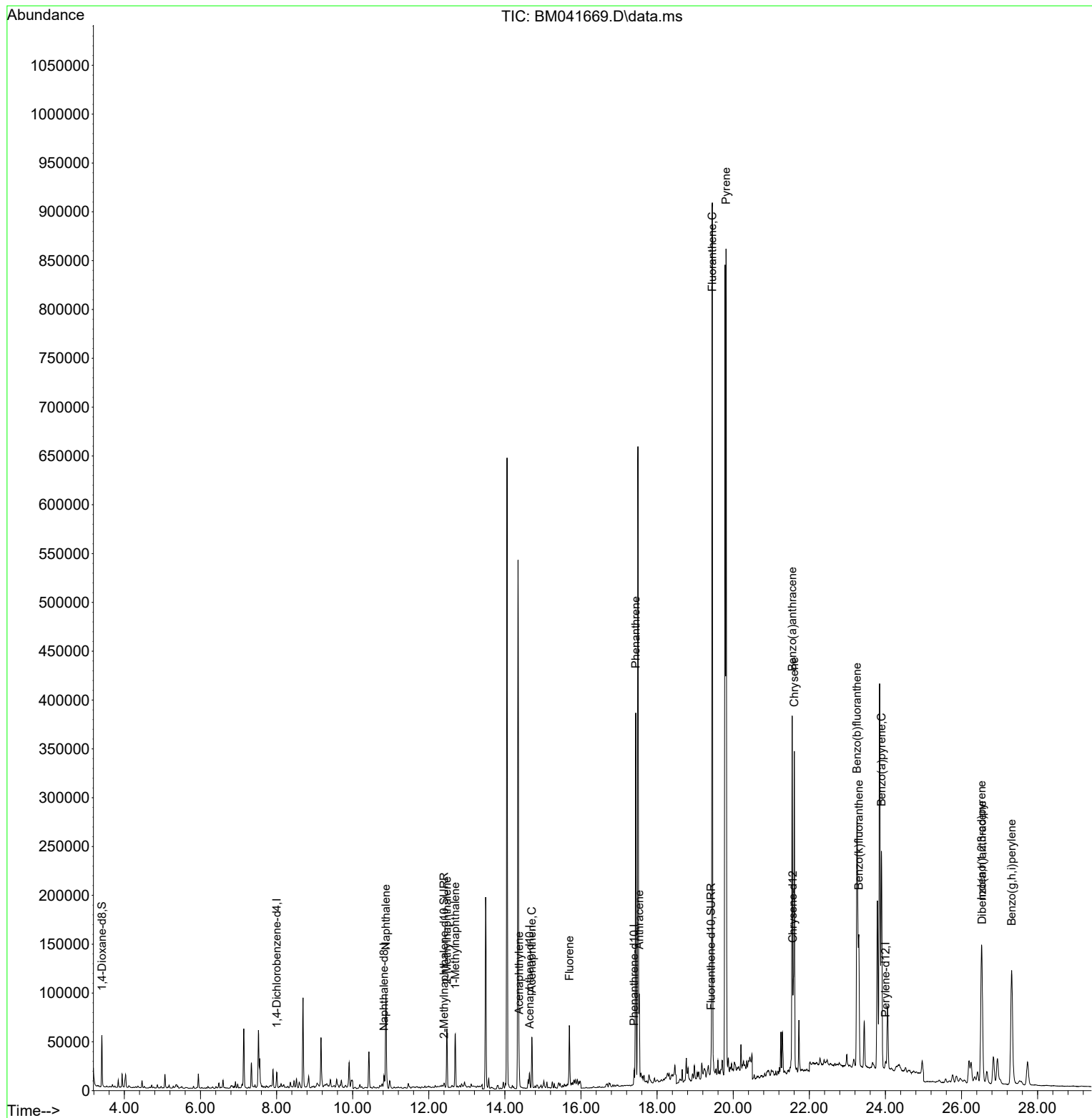
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041669.D
Acq On : 06 Sep 2023 21:41
Operator : MA/JU
Sample : 04113-06
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ALS Vial : 8 Sample Multiplier: 1

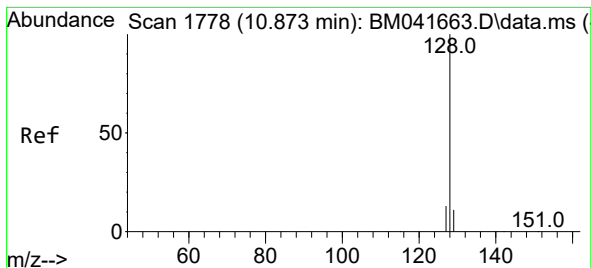
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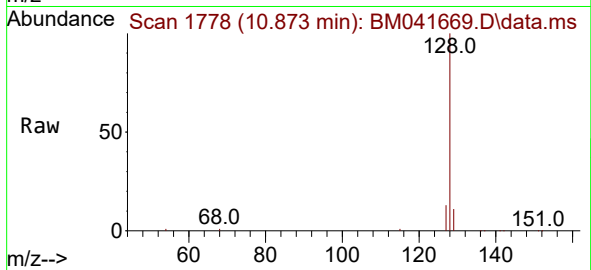
Quant Time: Sep 06 22:35:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
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#5
Naphthalene
Concen: 2.492 ng/ul
RT: 10.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

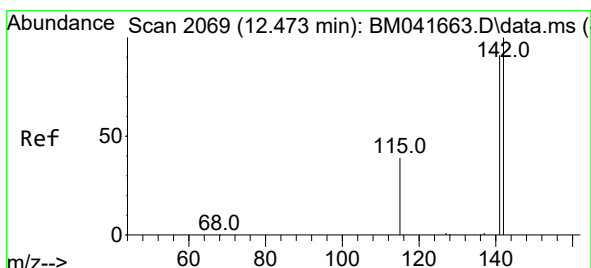
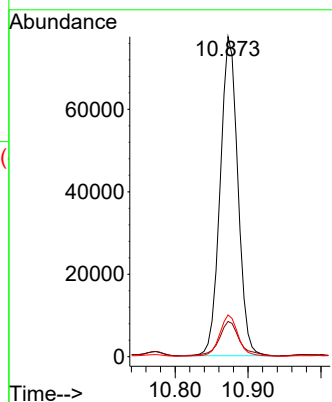
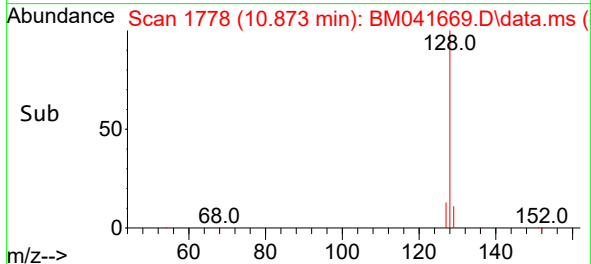
Instrument :
BNA_M
ClientSampleId :
EZYL3



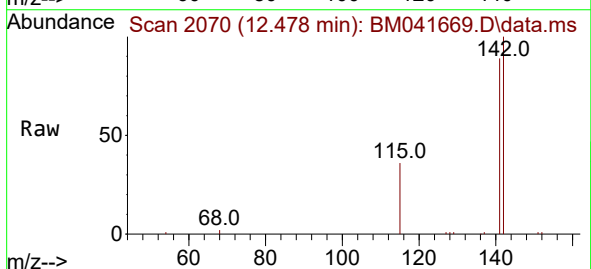
Tgt Ion:128 Resp: 130718
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.0 11.0 16.6

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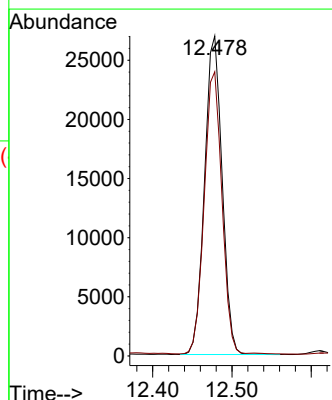
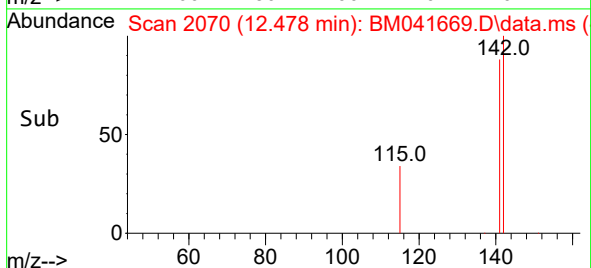
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

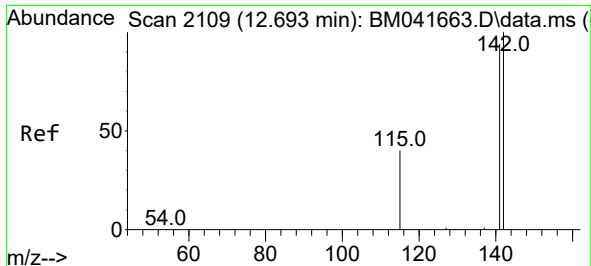


#7
2-Methylnaphthalene
Concen: 1.391 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41



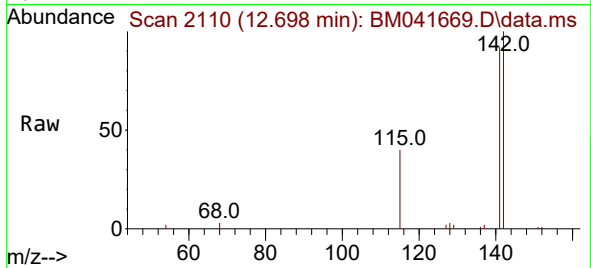
Tgt Ion:142 Resp: 41435
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 1.206 ng/ul
RT: 12.698 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

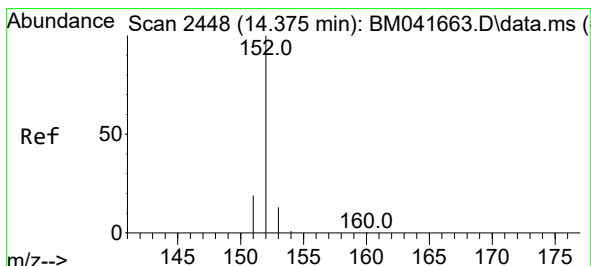
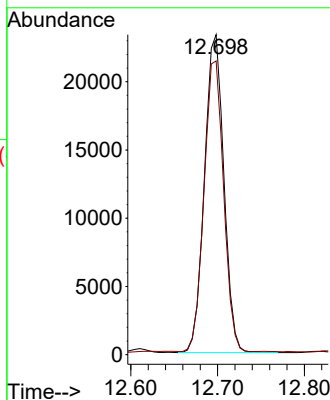
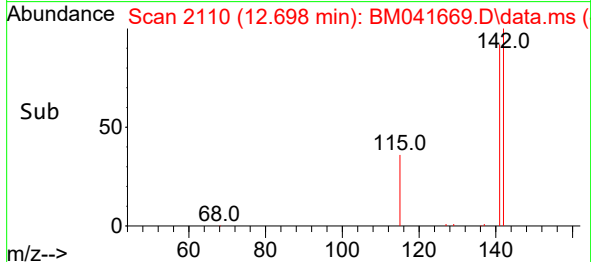
Instrument :
BNA_M
ClientSampleId :
EZYL3



Tgt Ion:142 Resp: 36090
Ion Ratio Lower Upper
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141 92.3 74.4 111.6

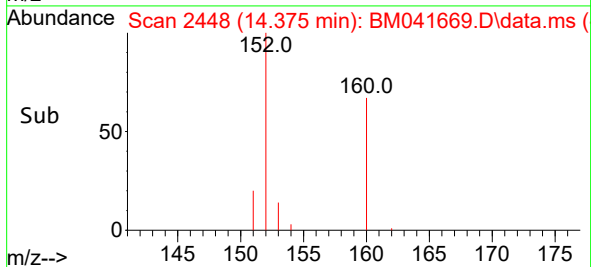
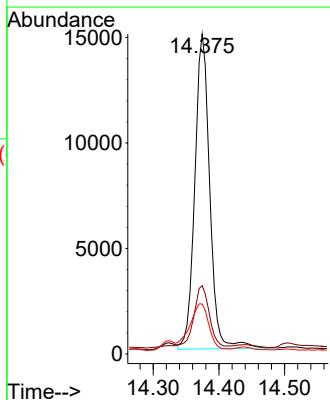
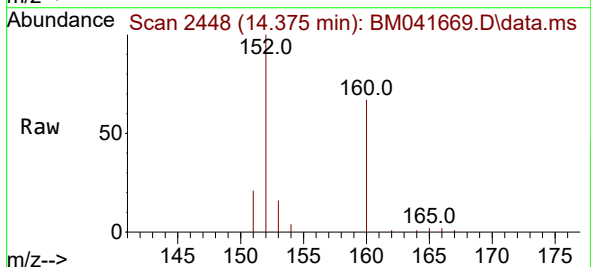
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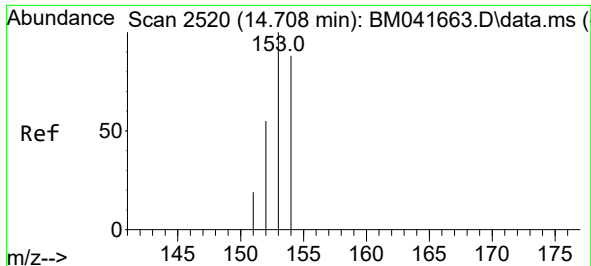
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

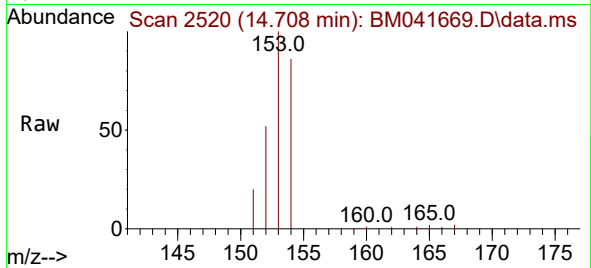
Tgt Ion:152 Resp: 23560
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 15.6 11.1 16.7





#11
Acenaphthene
Concen: 0.756 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

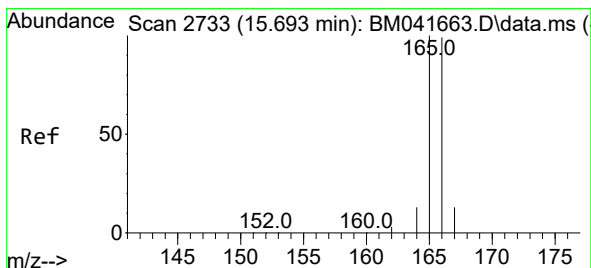
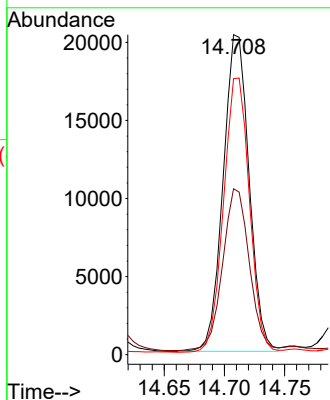
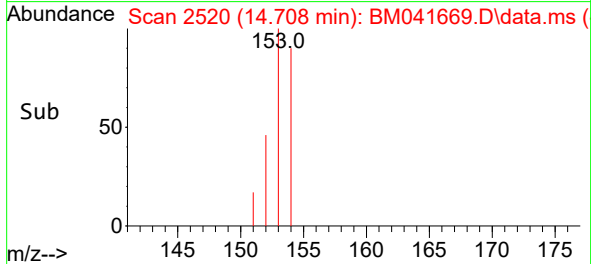
Instrument :
BNA_M
ClientSampleId :
EZY3



Tgt Ion:153 Resp: 30418
Ion Ratio Lower Upper
153 100
152 51.8 43.4 65.2
154 86.3 69.4 104.0

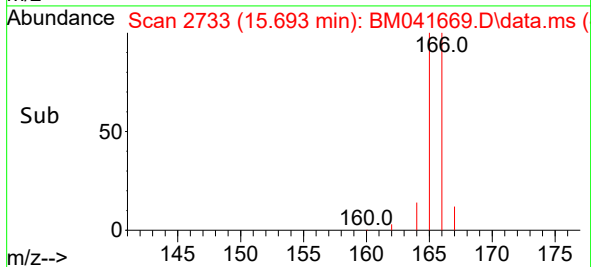
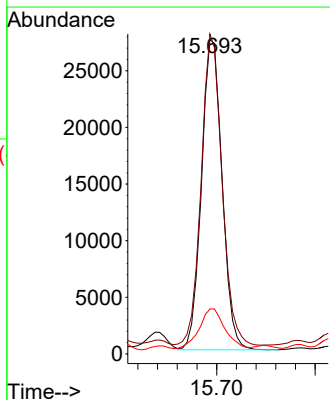
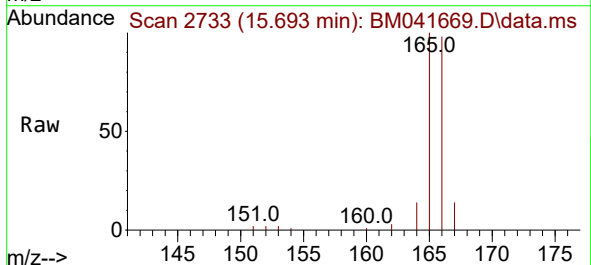
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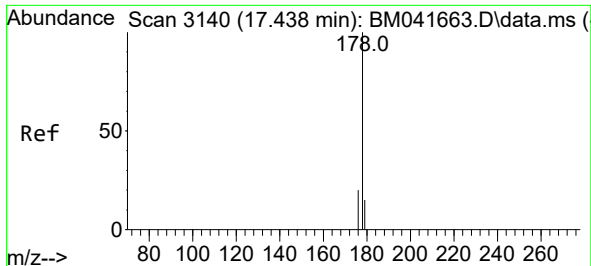
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#12
Fluorene
Concen: 0.883 ng/ul
RT: 15.693 min Scan# 2733
Delta R.T. -0.005 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

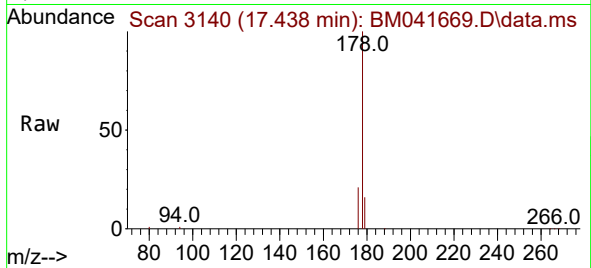
Tgt Ion:166 Resp: 39834
Ion Ratio Lower Upper
166 100
165 101.8 79.4 119.2
167 14.3 11.3 16.9





#15
Phenanthrene
Concen: 5.688 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

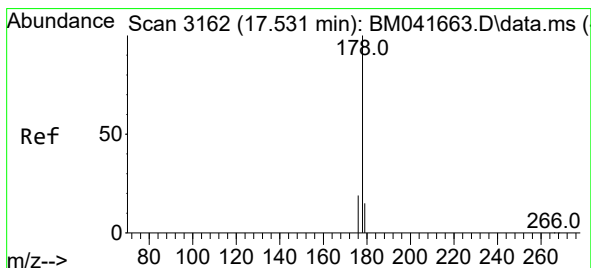
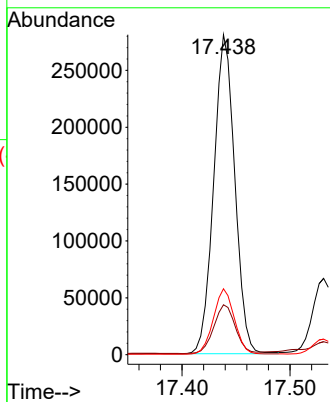
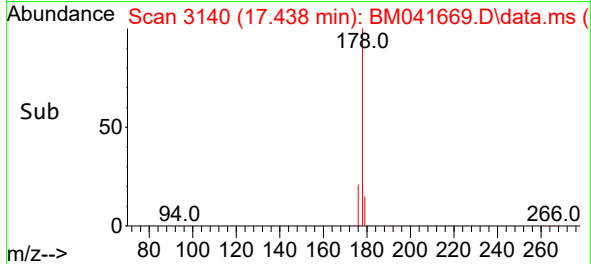
Instrument :
BNA_M
ClientSampleId :
EZYL3



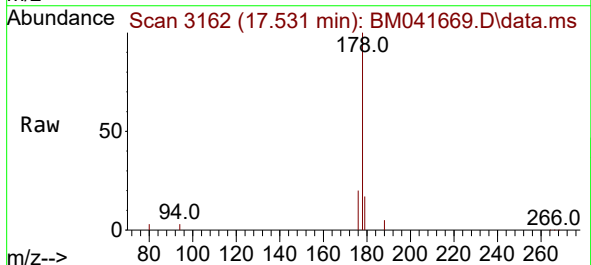
Tgt Ion:178 Resp: 38132
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 20.6 16.9 25.3

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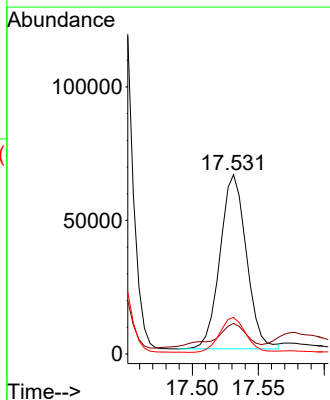
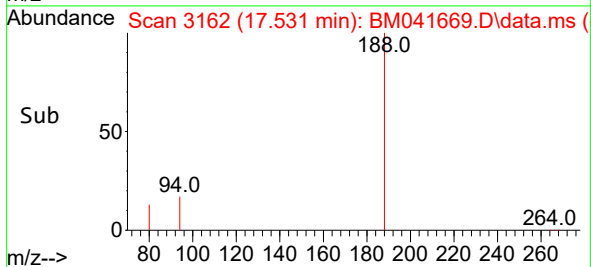
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

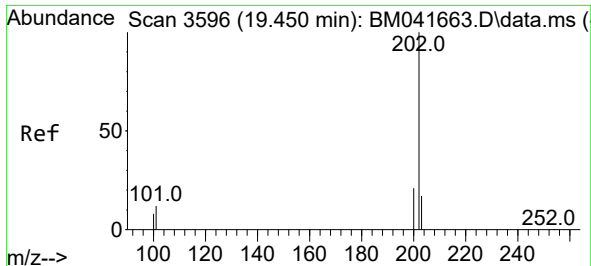


#16
Anthracene
Concen: 1.578 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41



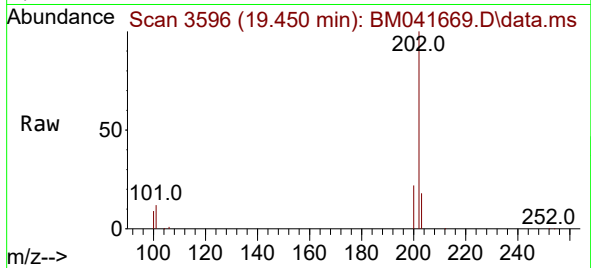
Tgt Ion:178 Resp: 90655
Ion Ratio Lower Upper
178 100
179 17.0 12.9 19.3
176 20.3 15.8 23.8





#19
Fluoranthene
Concen: 7.301 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. -0.000 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

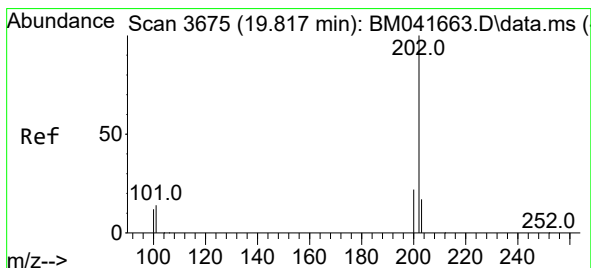
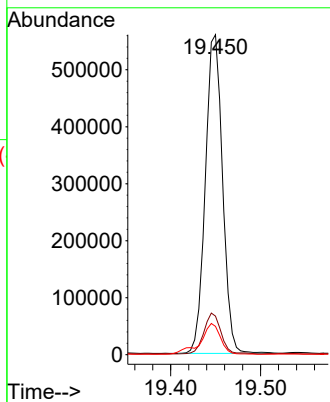
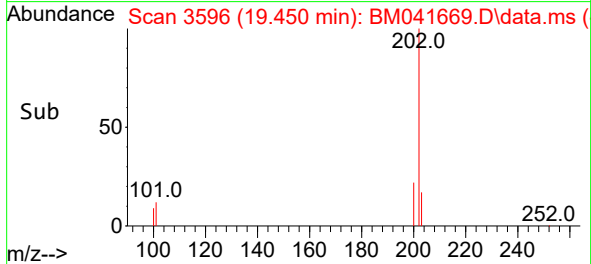
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EZYL3



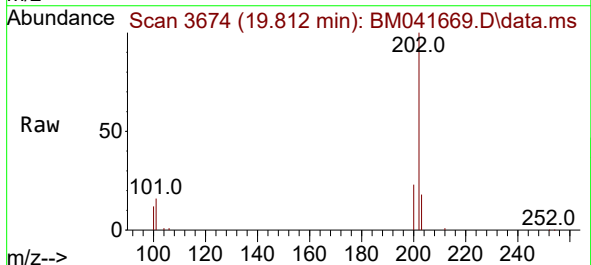
Tgt Ion:202 Resp: 744675
Ion Ratio Lower Upper
202 100
101 12.0 10.5 15.7
100 8.9 8.4 12.6

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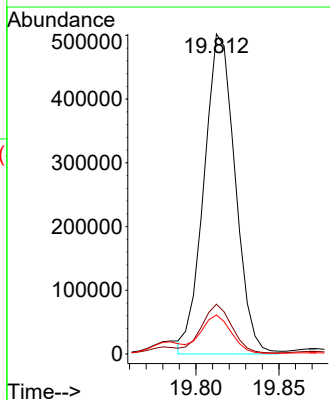
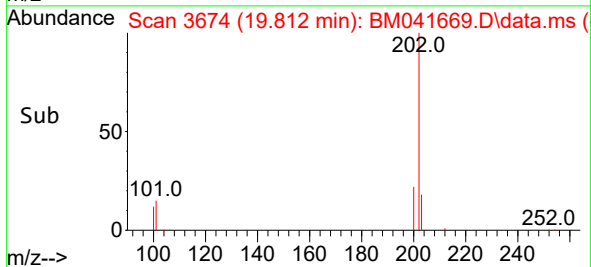
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

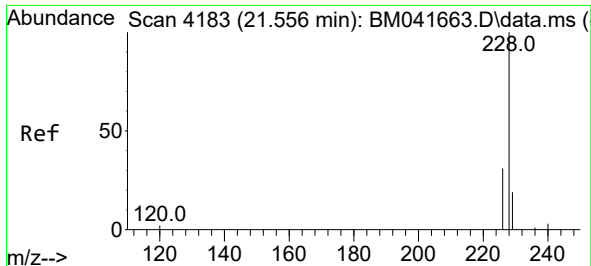


#20
Pyrene
Concen: 6.507 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41



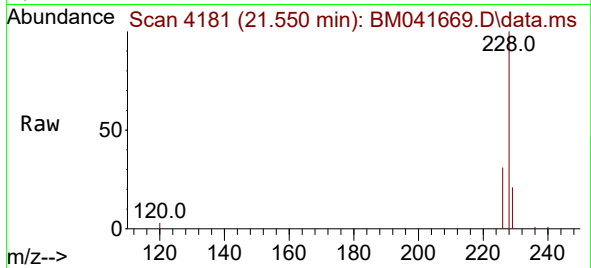
Tgt Ion:202 Resp: 659237
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.8
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.331 ng/ul
RT: 21.550 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

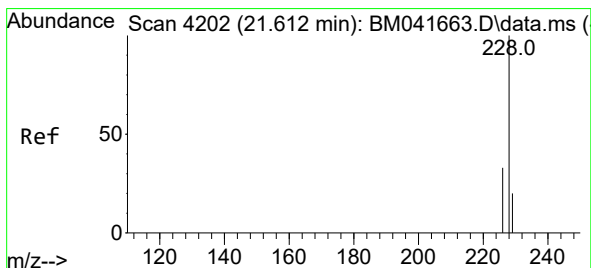
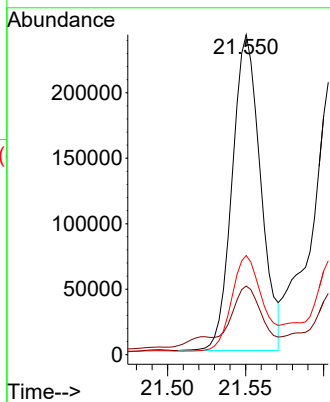
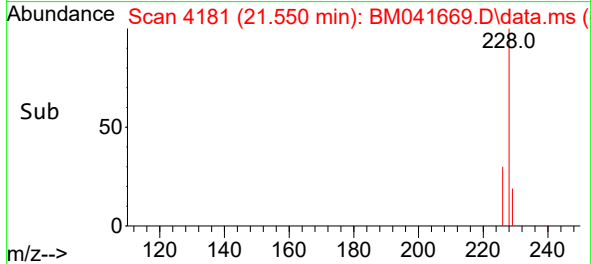
Instrument :
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EZYL3



Tgt Ion:228 Resp: 30526
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 31.0 24.8 37.2

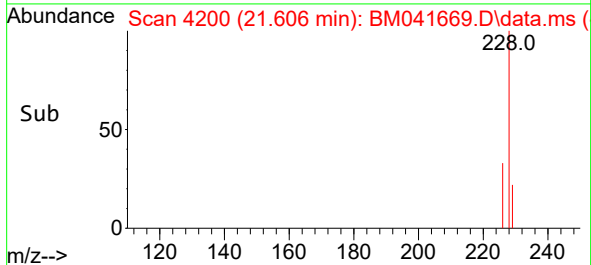
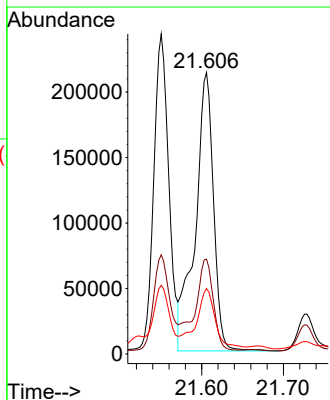
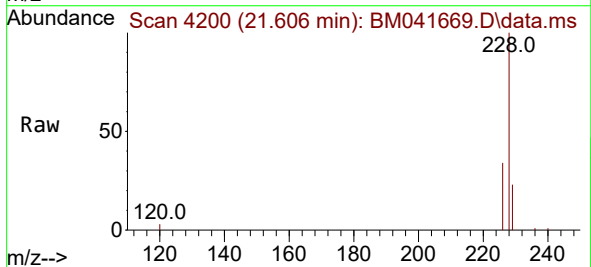
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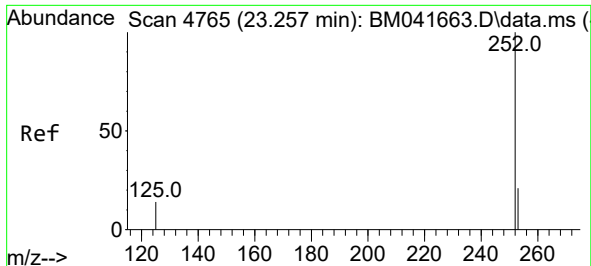
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#22
Chrysene
Concen: 4.338 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. -0.003 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

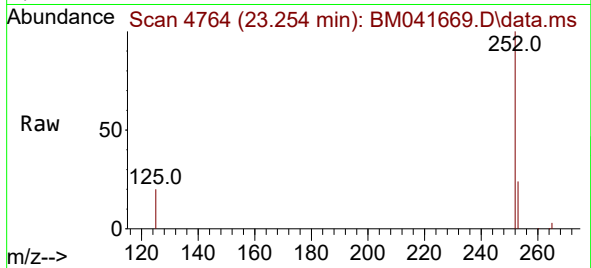
Tgt Ion:228 Resp: 329855
Ion Ratio Lower Upper
228 100
226 33.7 27.0 40.6
229 23.2 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 5.001 ng/ul
RT: 23.254 min Scan# 4764
Delta R.T. 0.003 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

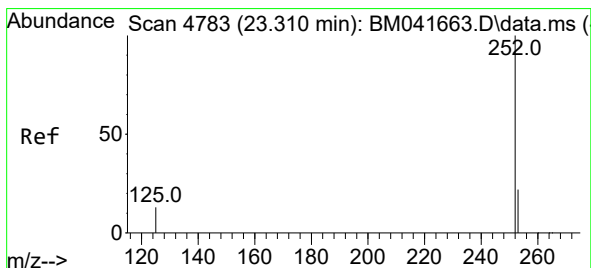
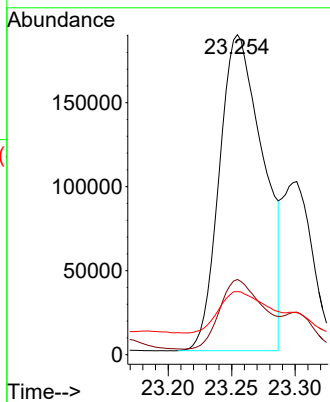
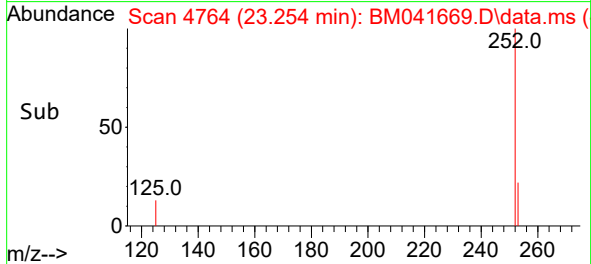
Instrument :
BNA_M
ClientSampleId :
EZYL3



Tgt Ion:252 Resp: 451910
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.4
125 19.7 0.0 42.8

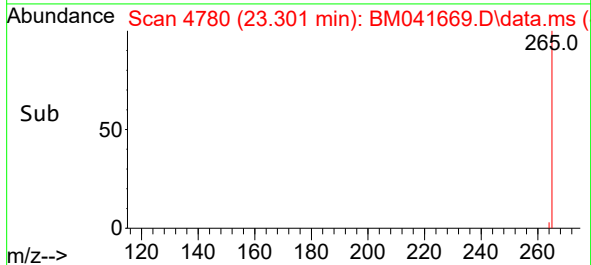
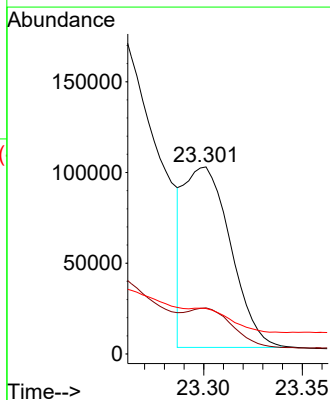
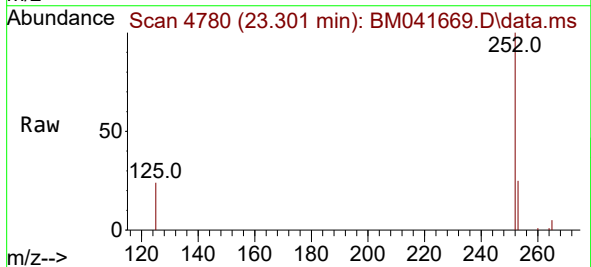
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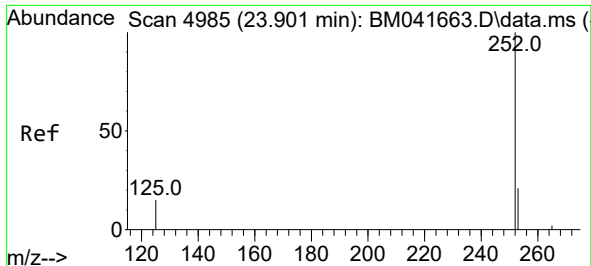
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#25
Benzo(k)fluoranthene
Concen: 1.844 ng/ul m
RT: 23.301 min Scan# 4780
Delta R.T. -0.003 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

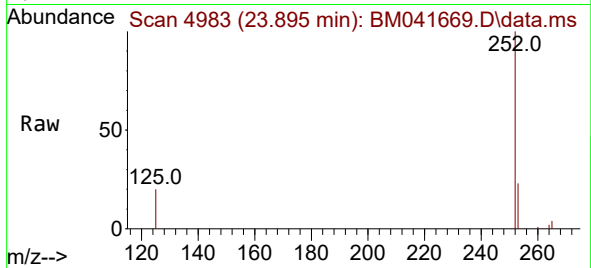
Tgt Ion:252 Resp: 163064
Ion Ratio Lower Upper
252 100
253 24.6 21.3 31.9
125 24.3 17.4 26.0





#26
Benzo(a)pyrene
Concen: 4.369 ng/ul
RT: 23.895 min Scan# 4985
Delta R.T. -0.003 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

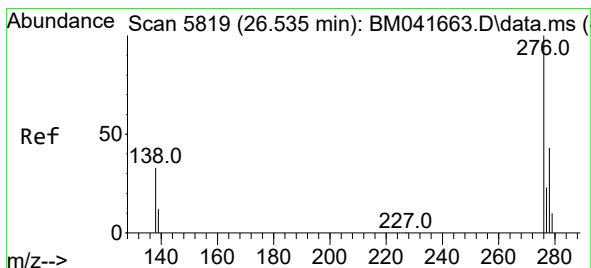
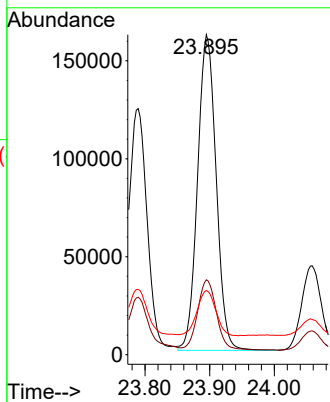
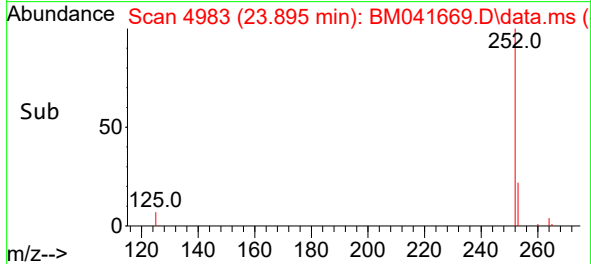
Instrument :
BNA_M
ClientSampleId :
EZYL3



Tgt Ion:252 Resp: 32078
Ion Ratio Lower Upper
252 100
253 23.4 22.4 33.6
125 20.1 21.0 31.4

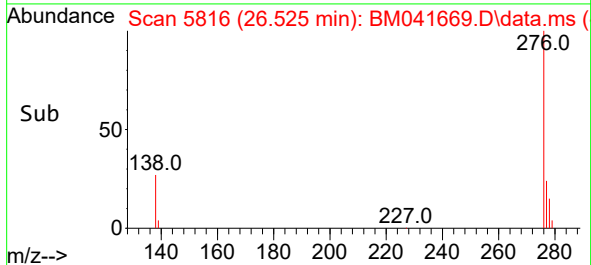
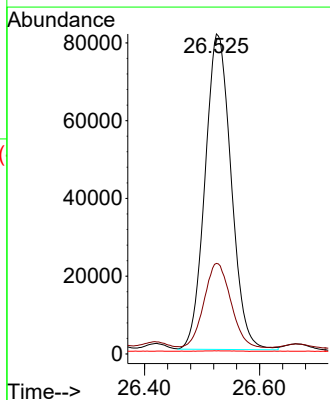
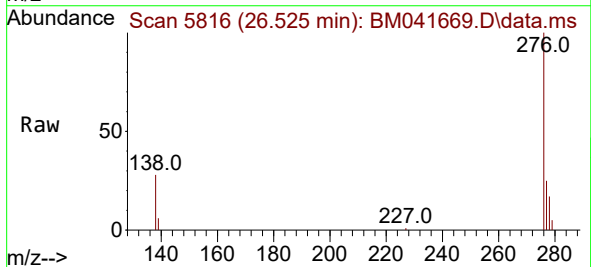
Manual Integrations
APPROVED

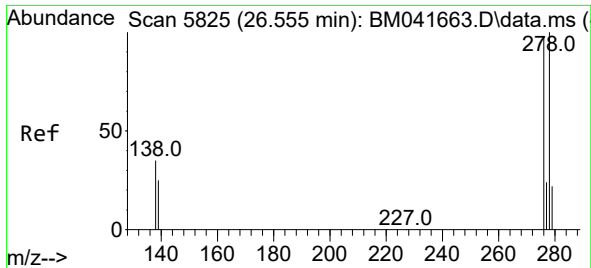
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.539 ng/ul
RT: 26.525 min Scan# 5816
Delta R.T. -0.007 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

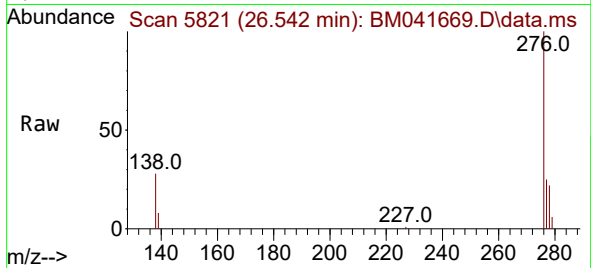
Tgt Ion:276 Resp: 255779
Ion Ratio Lower Upper
276 100
138 27.4 26.4 39.6
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.826 ng/ul
RT: 26.542 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41

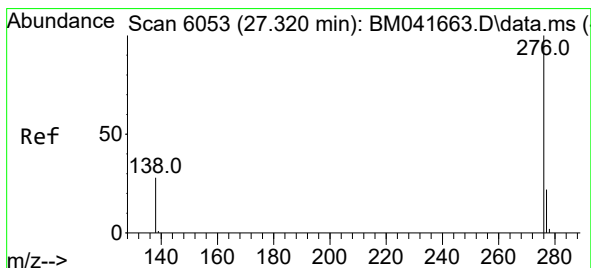
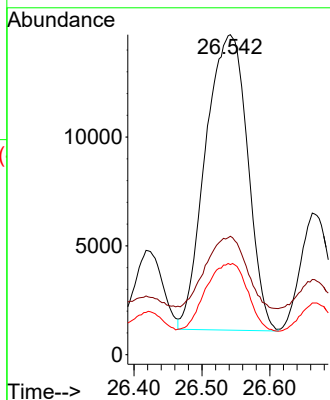
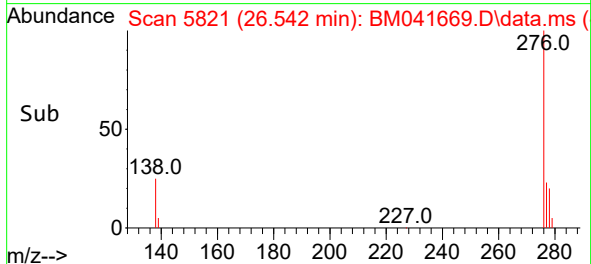
Instrument :
BNA_M
ClientSampleId :
EZYL3



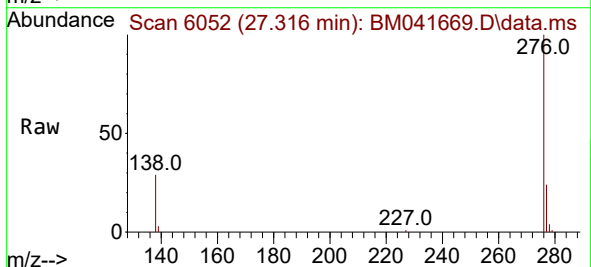
Tgt Ion:278 Resp: 5830
Ion Ratio Lower Upper
278 100
139 37.0 23.0 34.6
279 28.2 22.9 34.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.932 ng/ul
RT: 27.316 min Scan# 6052
Delta R.T. -0.000 min
Lab File: BM041669.D
Acq: 06 Sep 2023 21:41



Tgt Ion:276 Resp: 261664
Ion Ratio Lower Upper
276 100
138 28.9 25.0 37.4
277 24.0 20.2 30.2

