

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042130.D
 Acq On : 29 Sep 2023 00:27
 Operator : MA/JU
 Sample : 04417-29DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYF5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 29 04:42:24 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 29 04:39:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	10063	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	5185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	11646	0.400	ng/ul	0.00
17) Chrysene-d12	21.507	240	8920	0.400	ng/ul	# 0.00
23) Perylene-d12	23.909	264	8374	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2794	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	721	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	1455	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	3712	0.110	ng/ul#	94
7) 2-Methylnaphthalene	12.407	142	2045	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	1836	0.090	ng/ul	100
10) Acenaphthylene	14.310	152	738	0.021	ng/ul#	62
11) Acenaphthene	14.648	153	2096	0.079	ng/ul	98
12) Fluorene	15.633	166	1805	0.060	ng/ul#	95
15) Phenanthrene	17.379	178	21412	0.396	ng/ul	99
16) Anthracene	17.472	178	4006	0.086	ng/ul#	90
19) Fluoranthene	19.389	202	59094	0.586	ng/ul	98
20) Pyrene	19.757	202	58472m	0.590	ng/ul	
21) Benzo(a)anthracene	21.492	228	39229	0.580	ng/ul	97
22) Chrysene	21.545	228	38477	0.551	ng/ul	97
24) Benzo(b)fluoranthene	23.170	252	55211	0.857	ng/ul	97
25) Benzo(k)fluoranthene	23.216	252	20250m	0.323	ng/ul	
26) Benzo(a)pyrene	23.801	252	37765	0.713	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.391	276	27312	0.375	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.401	278	6245	0.119	ng/ul#	76
29) Benzo(g,h,i)perylene	27.166	276	25840	0.422	ng/ul	96

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

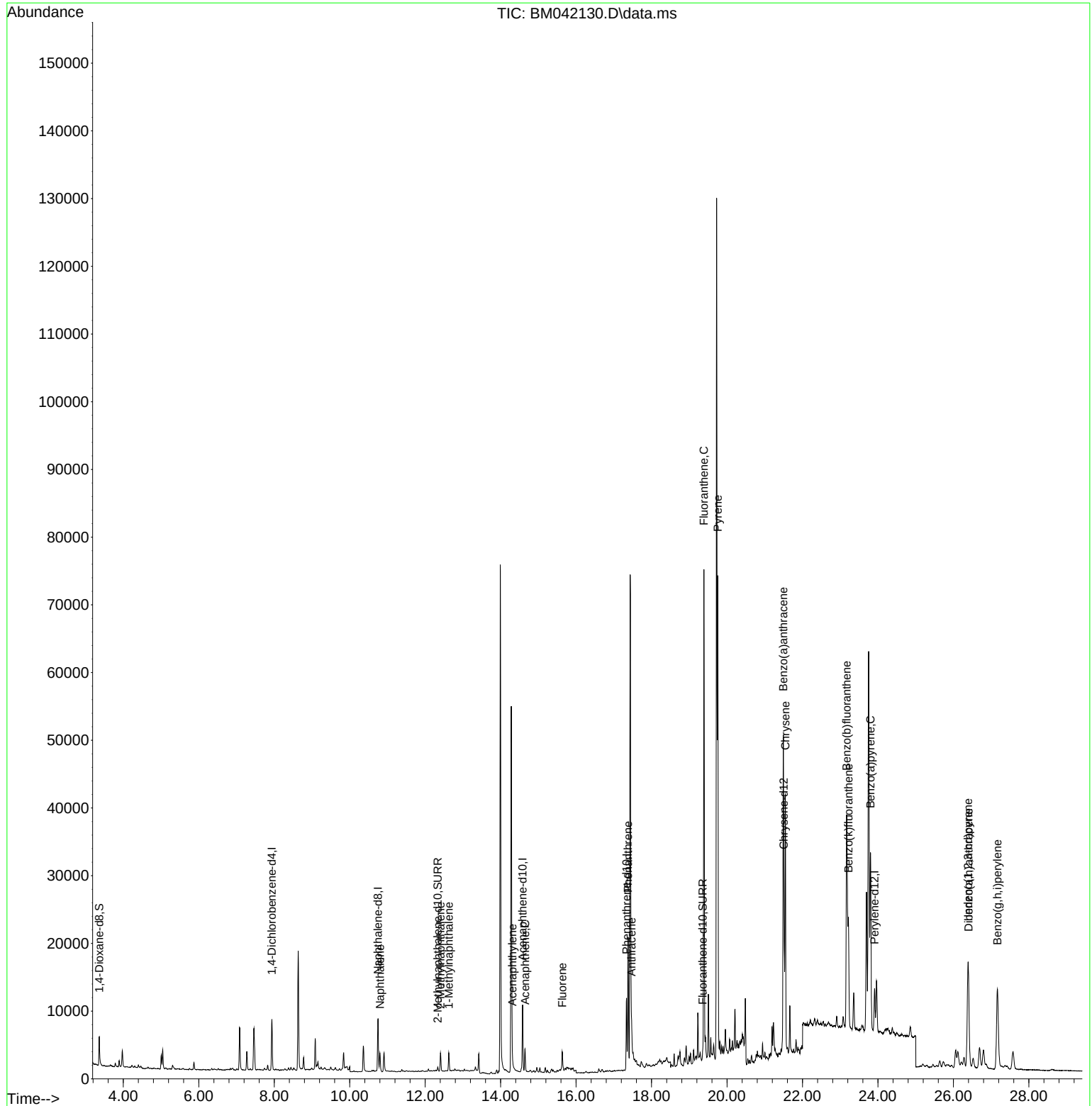
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042130.D
Acq On : 29 Sep 2023 00:27
Operator : MA/JU
Sample : 04417-29DL 5X
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ALS Vial : 27 Sample Multiplier: 1

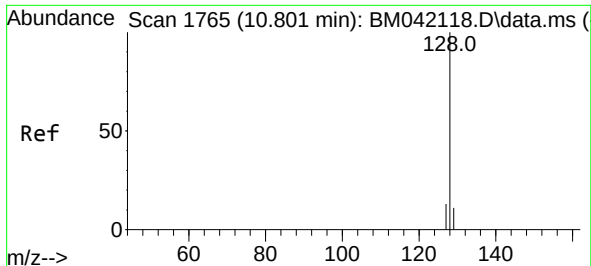
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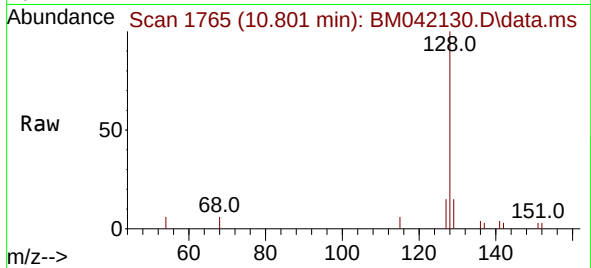
Quant Time: Sep 29 04:42:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
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#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

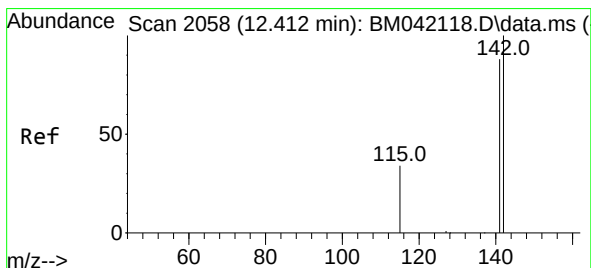
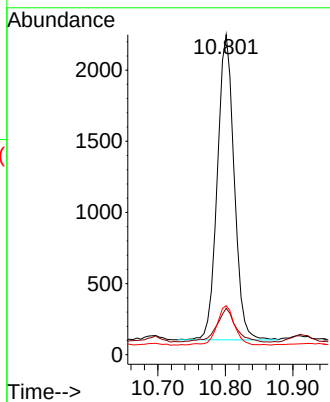
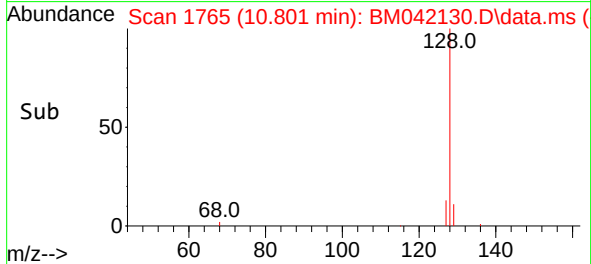
Instrument :
BNA_M
ClientSampleId :
EZYF5DL



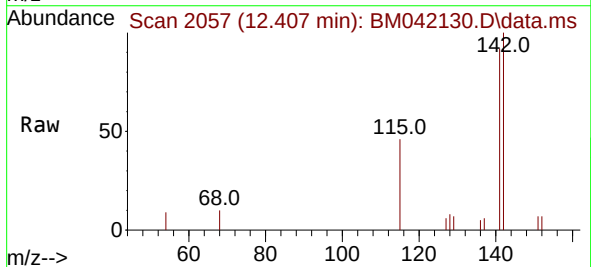
Tgt Ion:128 Resp: 3712
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 15.3 10.8 16.2

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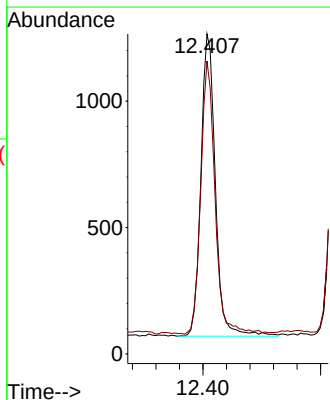
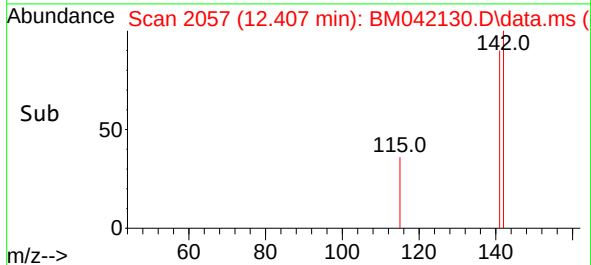
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

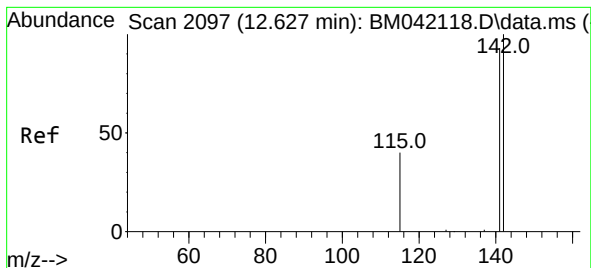


#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27



Tgt Ion:142 Resp: 2045
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1





#8

1-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 12.627 min Scan# 2097

Delta R.T. -0.000 min

Lab File: BM042130.D

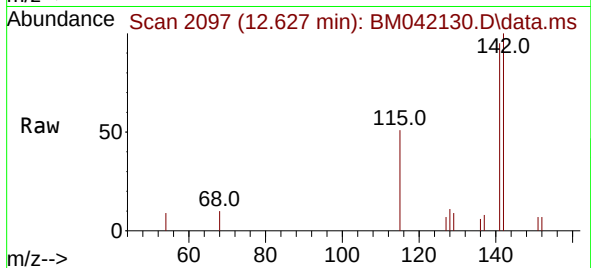
Acq: 29 Sep 2023 00:27

Instrument :

BNA_M

ClientSampleId :

EZYF5DL



Tgt Ion:142 Resp: 1830

Ion Ratio Lower Upper

142 100

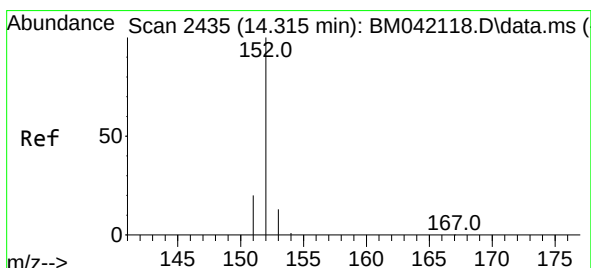
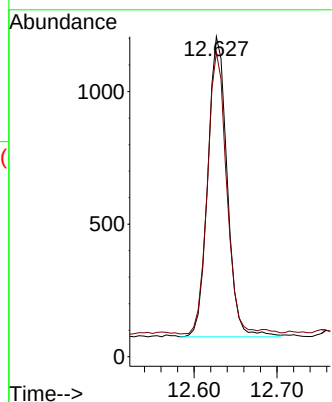
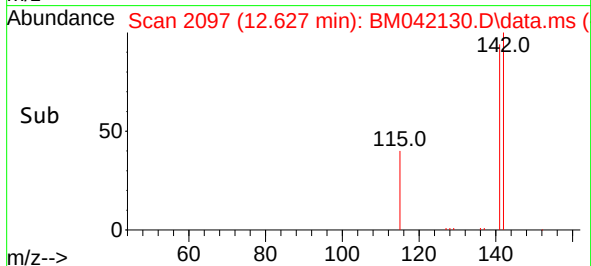
141 93.7 75.1 112.7

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#10

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.310 min Scan# 2434

Delta R.T. -0.005 min

Lab File: BM042130.D

Acq: 29 Sep 2023 00:27

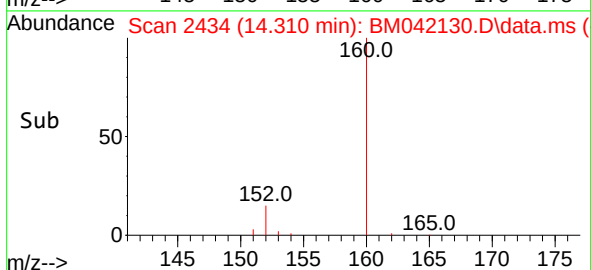
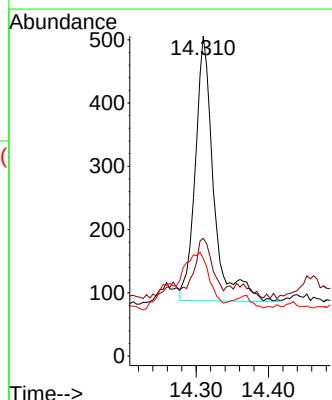
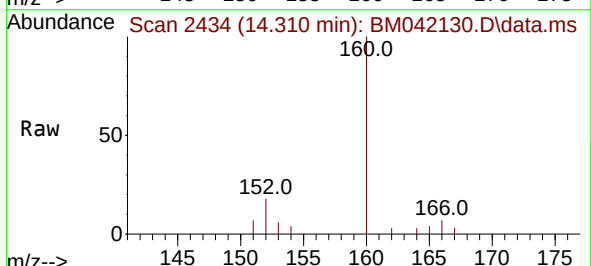
Tgt Ion:152 Resp: 738

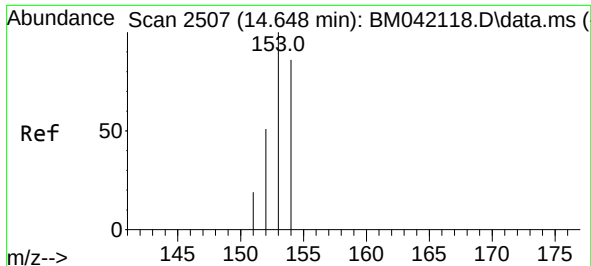
Ion Ratio Lower Upper

152 100

151 36.8 16.2 24.4#

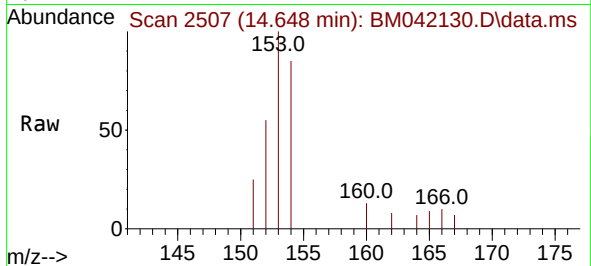
153 30.4 10.8 16.2#





#11
Acenaphthene
Concen: 0.079 ng/ul
RT: 14.648 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

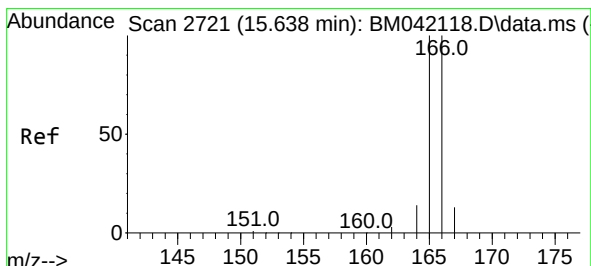
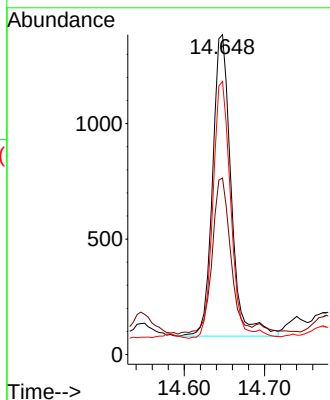
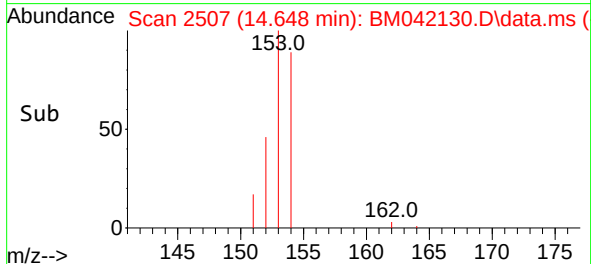
Instrument :
BNA_M
ClientSampleId :
EZYF5DL



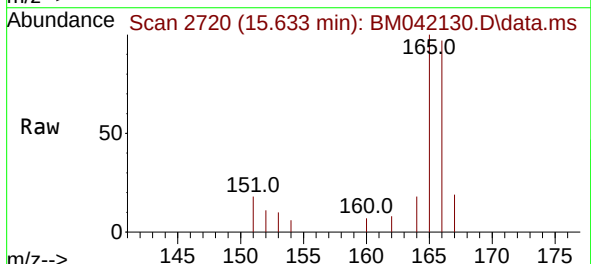
Tgt Ion:153 Resp: 2090
Ion Ratio Lower Upper
153 100
152 55.2 41.8 62.8
154 85.4 69.0 103.6

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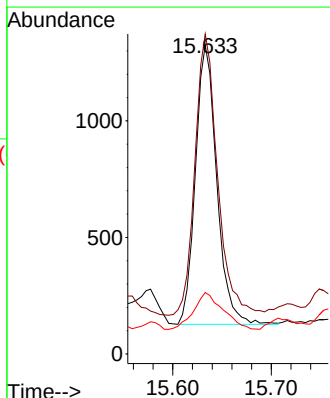
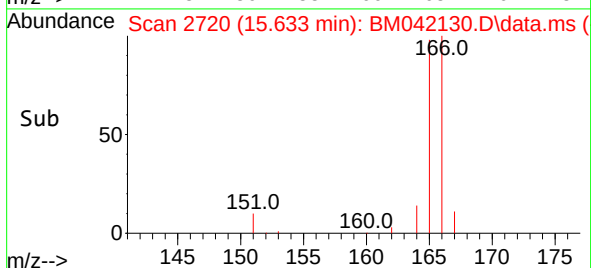
Reviewed By :Yogesh Patel 09/29/2023
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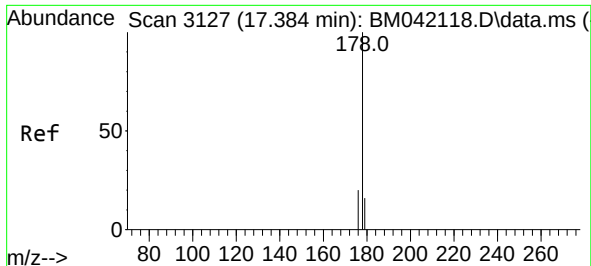


#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.633 min Scan# 2720
Delta R.T. -0.005 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27



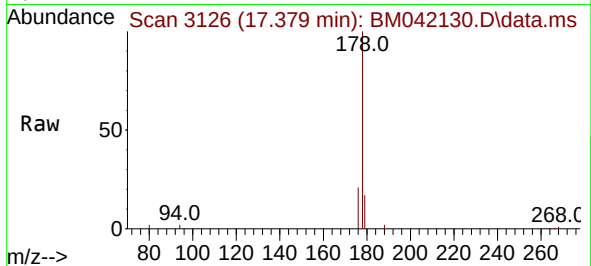
Tgt Ion:166 Resp: 1805
Ion Ratio Lower Upper
166 100
165 103.6 79.8 119.8
167 19.9 11.1 16.7#





#15
Phenanthrene
Concen: 0.396 ng/u1
RT: 17.379 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

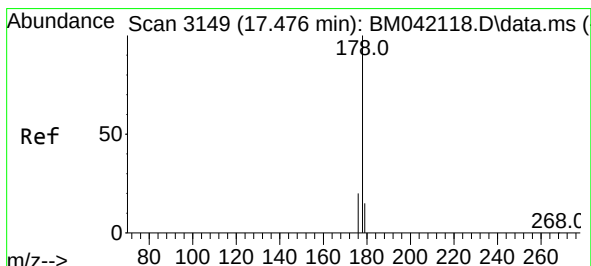
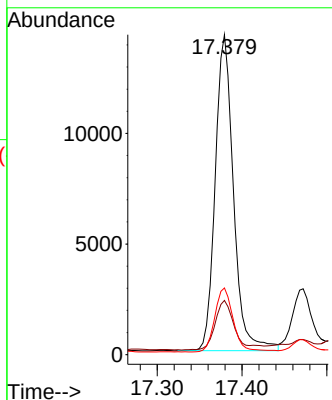
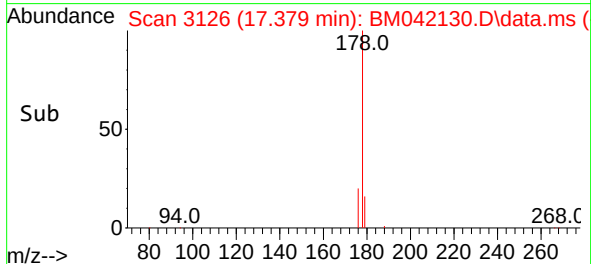
Instrument :
BNA_M
ClientSampleId :
EZYF5DL



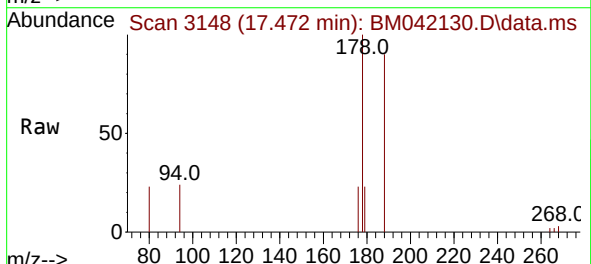
Tgt Ion:178 Resp: 2141
Ion Ratio Lower Upper
178 100
179 16.9 12.7 19.1
176 20.9 16.6 24.8

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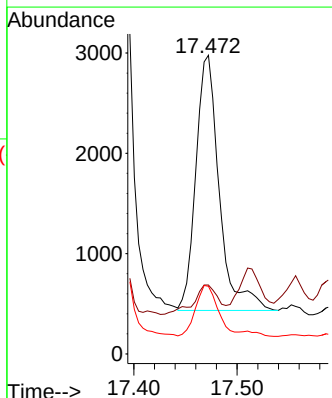
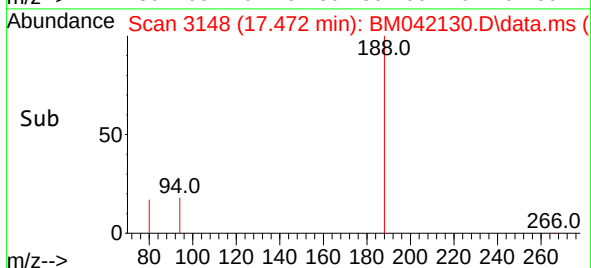
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

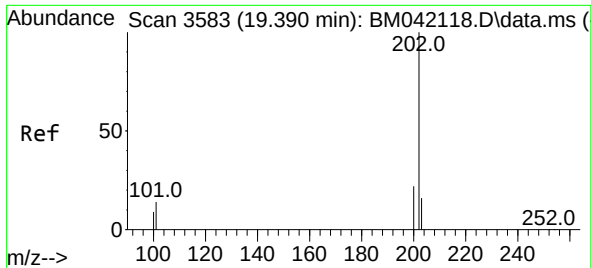


#16
Anthracene
Concen: 0.086 ng/u1
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27



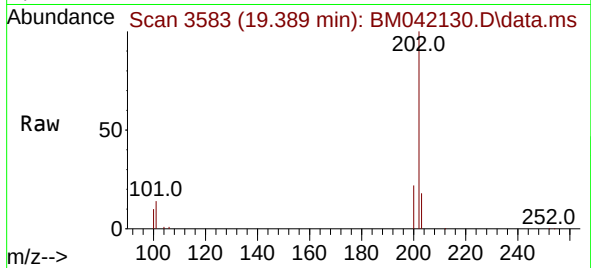
Tgt Ion:178 Resp: 4006
Ion Ratio Lower Upper
178 100
179 23.1 12.9 19.3#
176 22.7 16.2 24.2





#19
Fluoranthene
Concen: 0.586 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.000 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

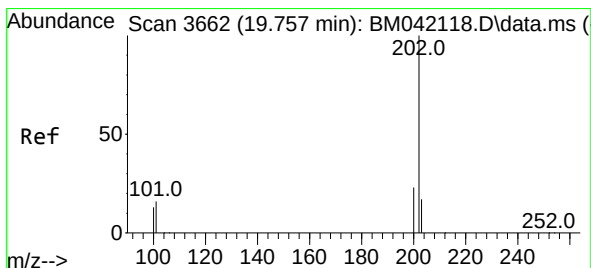
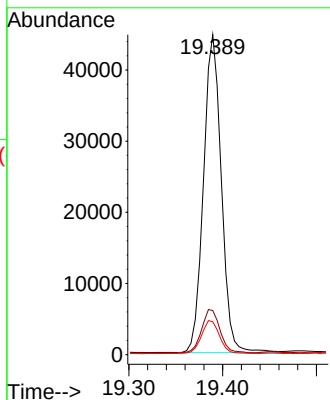
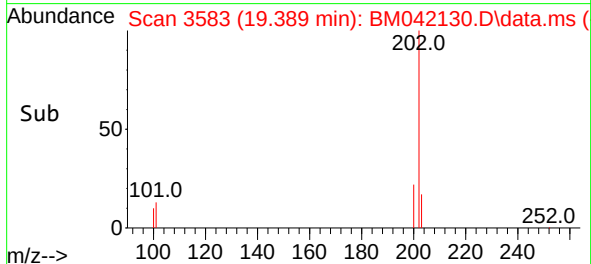
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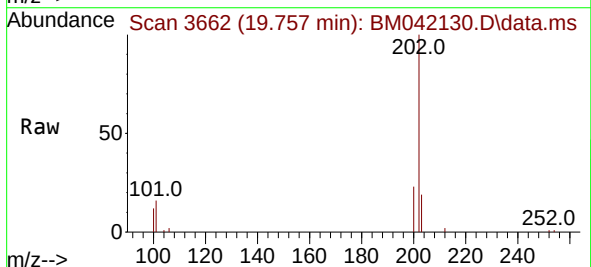
Tgt Ion:202 Resp: 59094
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 10.3 9.1 13.7

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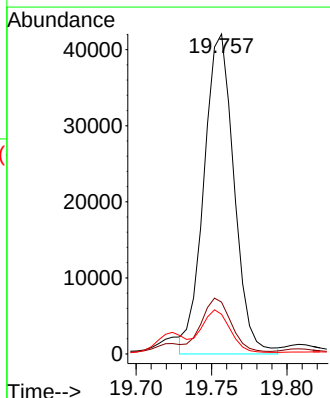
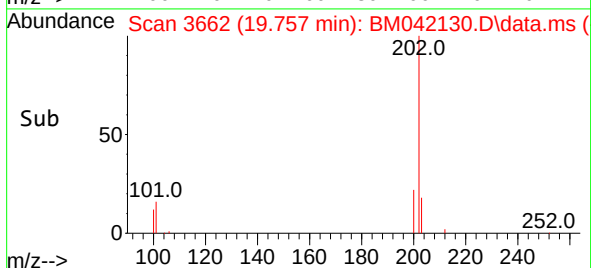
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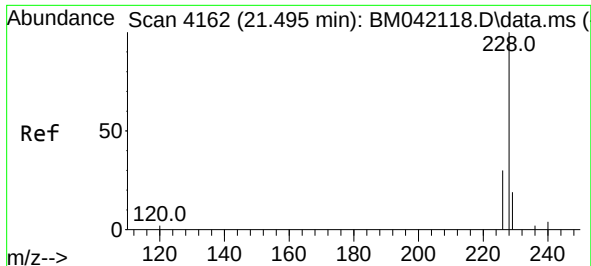


#20
Pyrene
Concen: 0.590 ng/ul m
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27



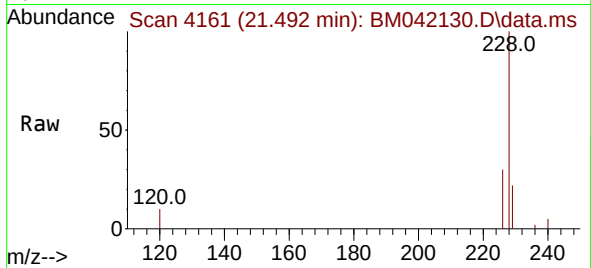
Tgt Ion:202 Resp: 58472
Ion Ratio Lower Upper
202 100
101 16.2 14.1 21.1
100 12.4 11.4 17.0





#21
Benzo(a)anthracene
Concen: 0.580 ng/ul
RT: 21.492 min Scan# 4162
Delta R.T. -0.003 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

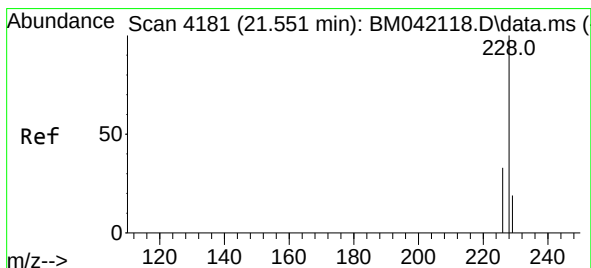
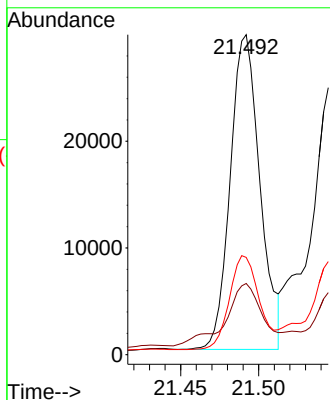
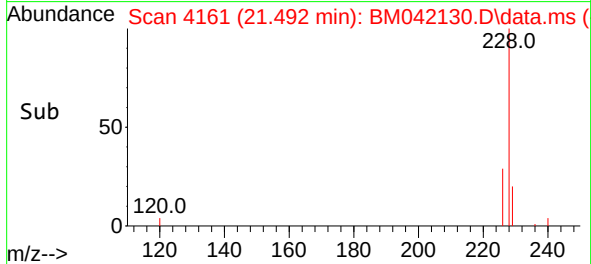
Instrument :
BNA_M
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Tgt Ion:228 Resp: 39229
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 30.4 24.8 37.2

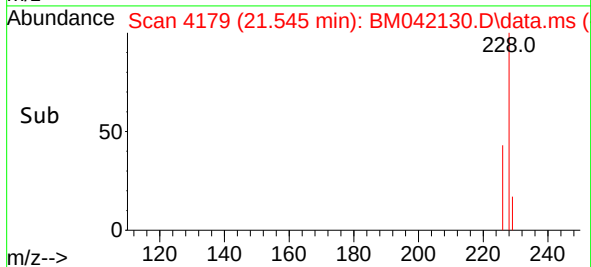
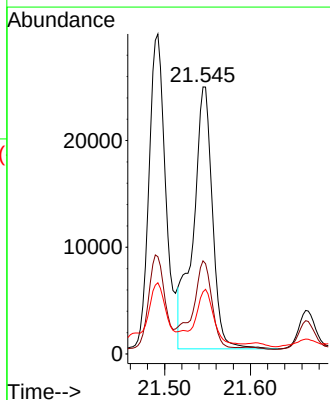
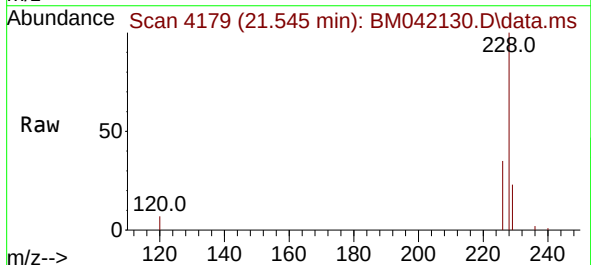
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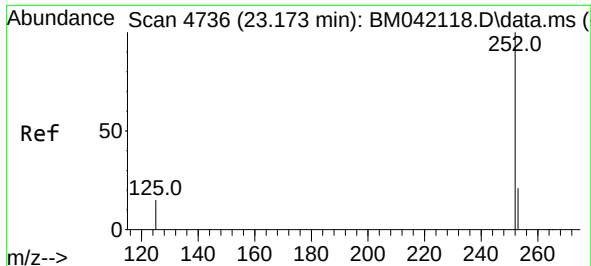
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#22
Chrysene
Concen: 0.551 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

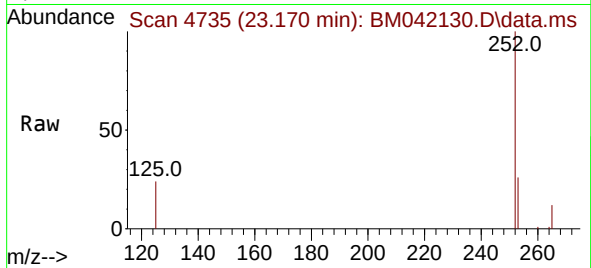
Tgt Ion:228 Resp: 38477
Ion Ratio Lower Upper
228 100
226 34.9 27.8 41.6
229 23.3 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.857 ng/ul
RT: 23.170 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

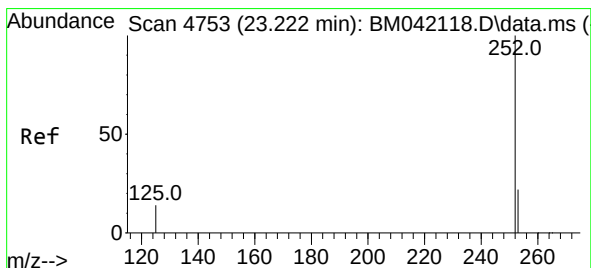
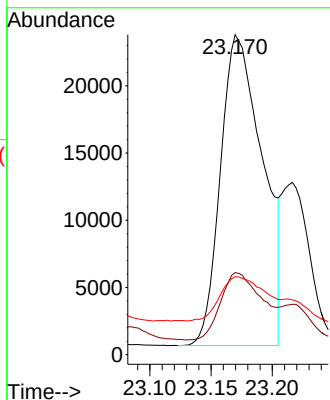
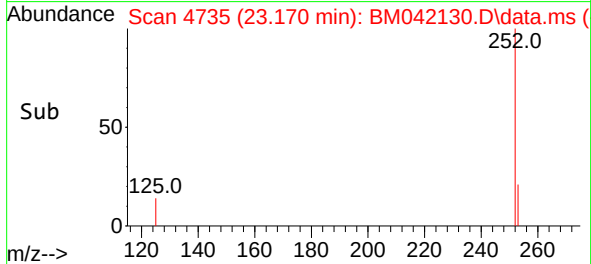
Instrument :
BNA_M
ClientSampleId :
EZYF5DL



Tgt Ion:252 Resp: 5521
Ion Ratio Lower Upper
252 100
253 25.6 0.0 54.4
125 24.4 0.0 46.2

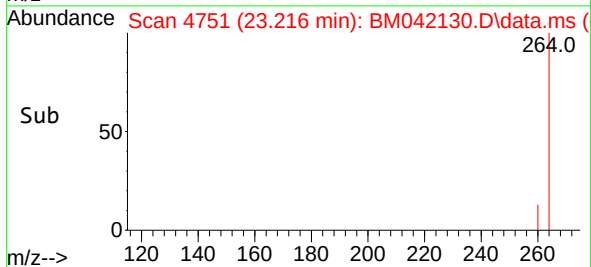
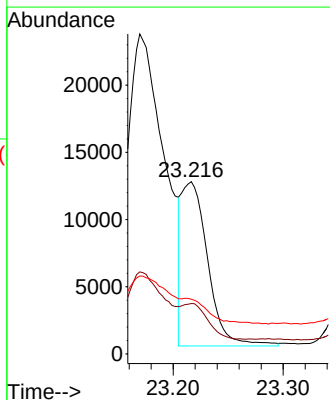
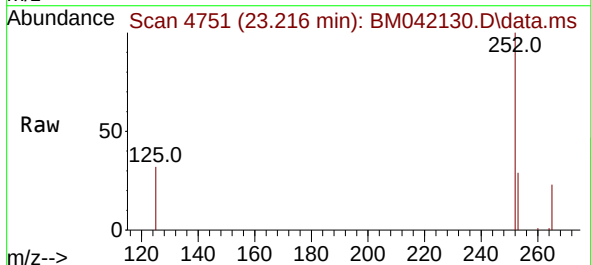
Manual Integrations
APPROVED

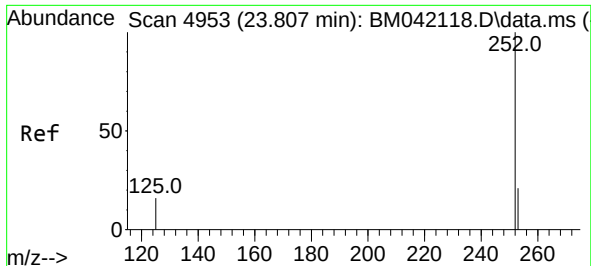
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul m
RT: 23.216 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

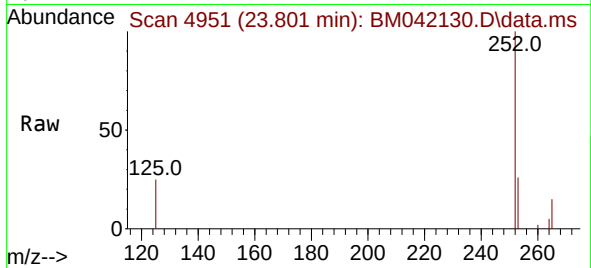
Tgt Ion:252 Resp: 20250
Ion Ratio Lower Upper
252 100
253 29.2 21.0 31.6
125 31.7 19.0 28.6#





#26
Benzo(a)pyrene
Concen: 0.713 ng/ul
RT: 23.801 min Scan# 4951
Delta R.T. -0.006 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

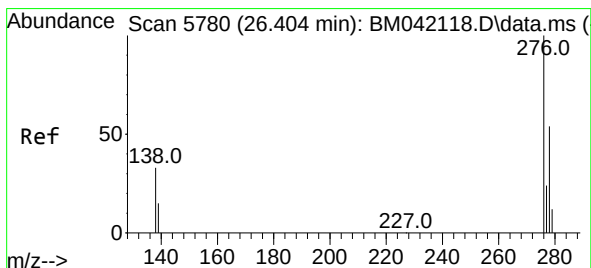
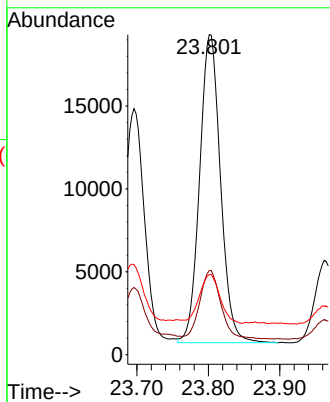
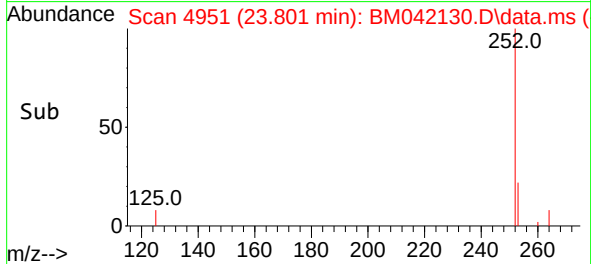
Instrument :
BNA_M
ClientSampleId :
EZYF5DL



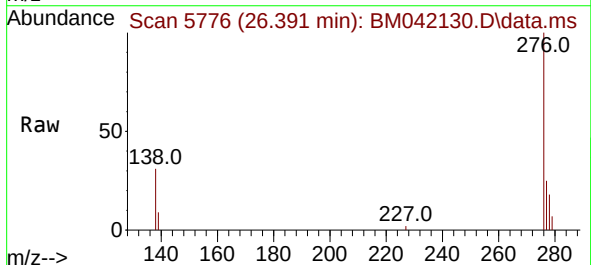
Tgt Ion:252 Resp: 3776
Ion Ratio Lower Upper
252 100
253 26.2 23.2 34.8
125 25.0 22.5 33.7

Manual Integrations
APPROVED

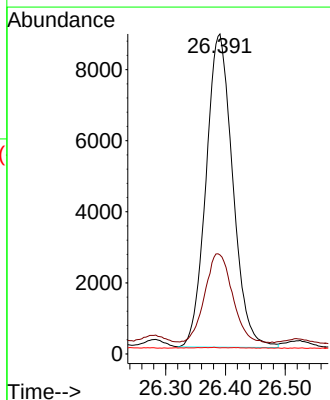
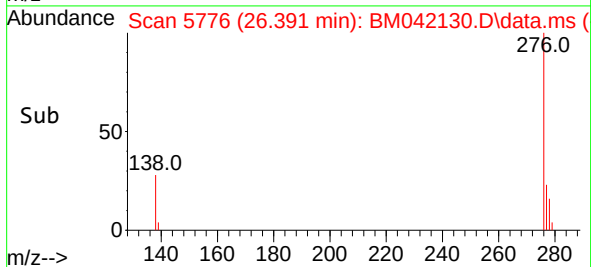
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

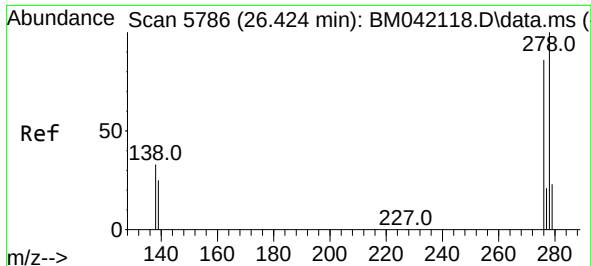


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.013 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27



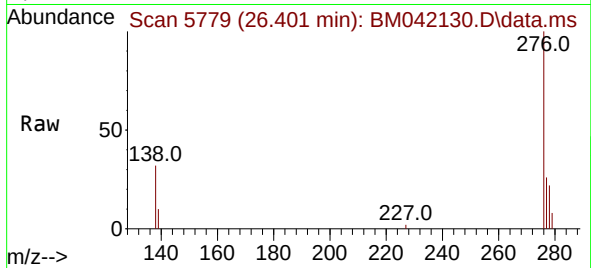
Tgt Ion:276 Resp: 27312
Ion Ratio Lower Upper
276 100
138 29.6 32.1 48.1#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 26.401 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27

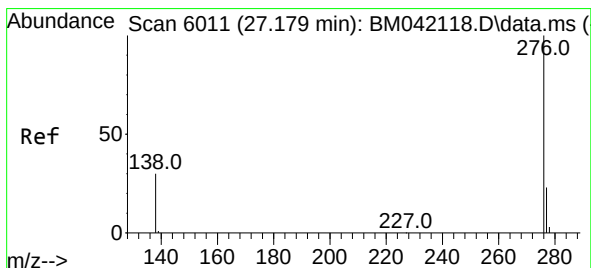
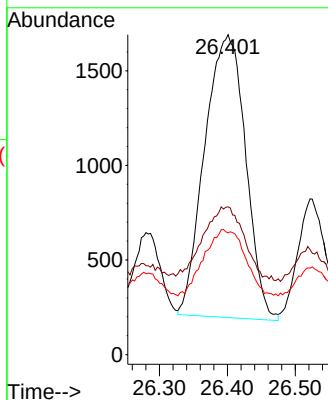
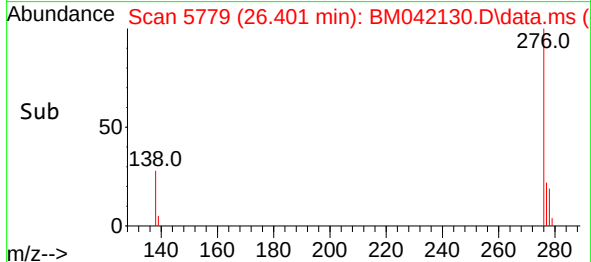
Instrument :
BNA_M
ClientSampleId :
EZYF5DL



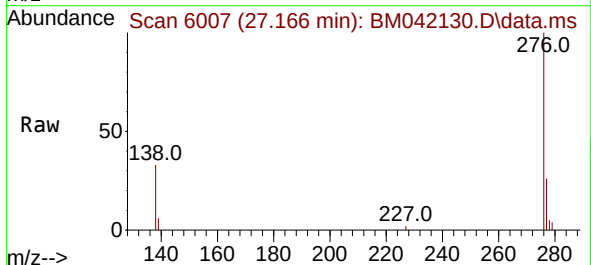
Tgt Ion: 278 Resp: 624
Ion Ratio Lower Upper
278 100
139 46.2 25.0 37.6
279 38.1 21.7 32.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 27.166 min Scan# 6007
Delta R.T. -0.013 min
Lab File: BM042130.D
Acq: 29 Sep 2023 00:27



Tgt Ion: 276 Resp: 25840
Ion Ratio Lower Upper
276 100
138 33.3 29.0 43.4
277 25.6 19.6 29.4

