

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042128.D
 Acq On : 28 Sep 2023 23:15
 Operator : MA/JU
 Sample : 04417-28DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYF4DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 04:42:05 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	7.938	152	3188	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	8626	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	4468	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	10190	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	7415	0.400	ng/ul	0.00
23) Perylene-d12	23.911	264	7944	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2499	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	435	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	948	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	1821	0.063	ng/ul#	87
7) 2-Methylnaphthalene	12.408	142	906	0.053	ng/ul	97
8) 1-Methylnaphthalene	12.628	142	624	0.036	ng/ul	99
10) Acenaphthylene	14.311	152	651	0.022	ng/ul#	62
15) Phenanthrene	17.380	178	7386	0.156	ng/ul	96
16) Anthracene	17.469	178	1952	0.048	ng/ul#	77
19) Fluoranthene	19.391	202	19665	0.235	ng/ul	98
20) Pyrene	19.753	202	30630	0.372	ng/ul	99
21) Benzo(a)anthracene	21.493	228	7436	0.132	ng/ul#	94
22) Chrysene	21.546	228	15281m	0.263	ng/ul	
24) Benzo(b)fluoranthene	23.171	252	16817	0.275	ng/ul	80
25) Benzo(k)fluoranthene	23.215	252	5581m	0.094	ng/ul	
26) Benzo(a)pyrene	23.802	252	8312	0.165	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.392	276	9220	0.134	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.403	278	1894	0.038	ng/ul#	18
29) Benzo(g,h,i)perylene	27.167	276	8336	0.144	ng/ul	97

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

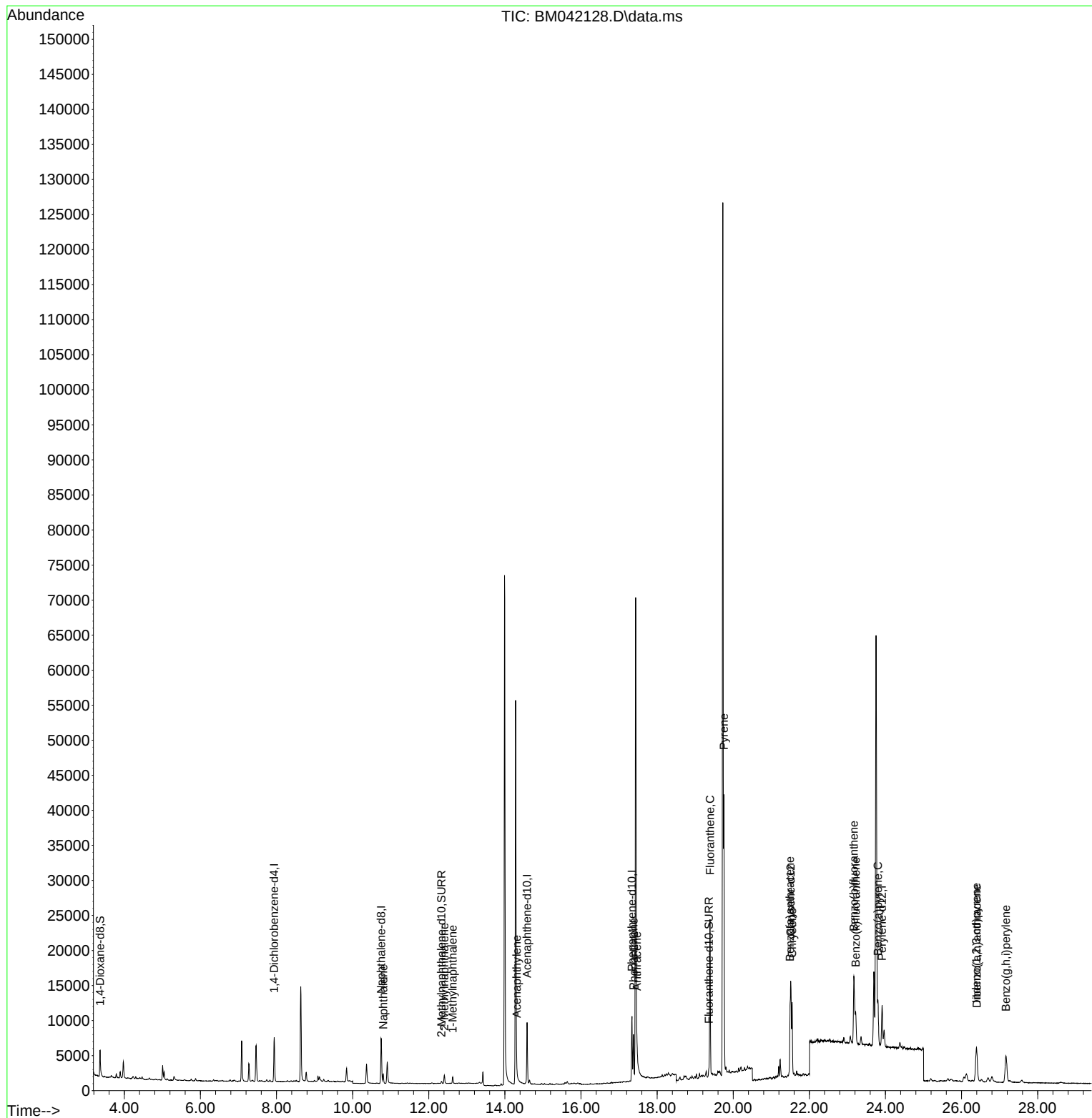
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042128.D
Acq On : 28 Sep 2023 23:15
Operator : MA/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

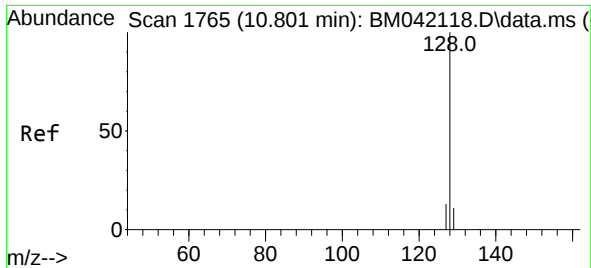
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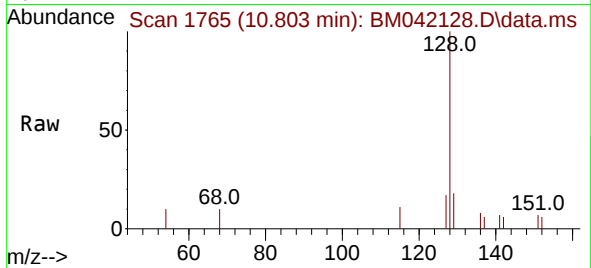
Quant Time: Sep 29 04:42:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. 0.002 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

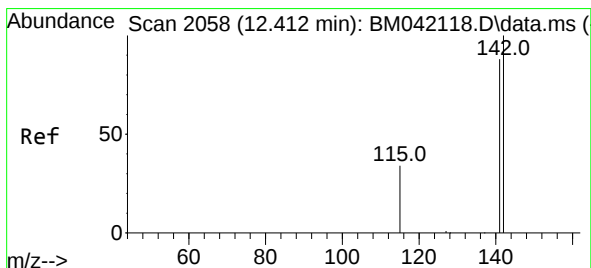
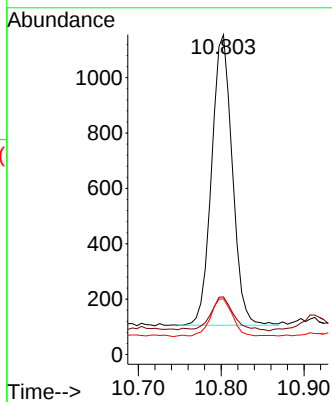
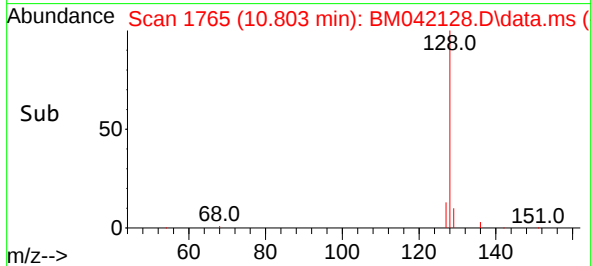
Instrument :
BNA_M
ClientSampleId :
EZYF4DL



Tgt Ion:128 Resp: 182
Ion Ratio Lower Upper
128 100
129 18.0 9.2 13.8
127 17.4 10.8 16.2

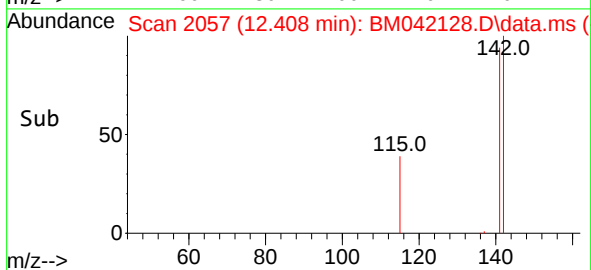
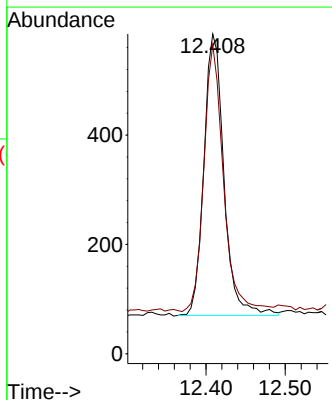
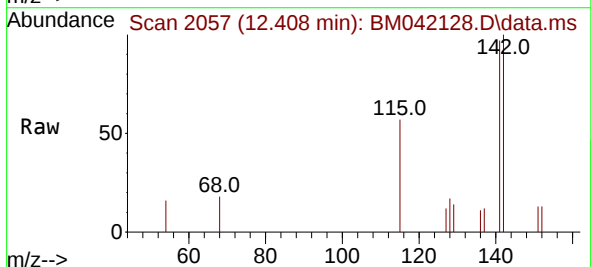
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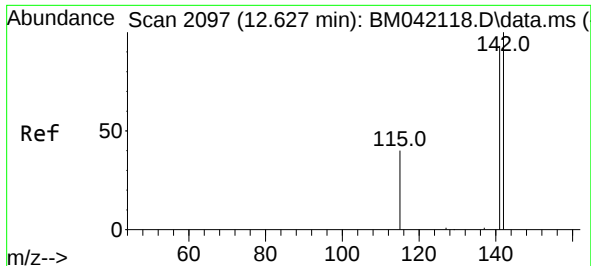
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.408 min Scan# 2057
Delta R.T. -0.004 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

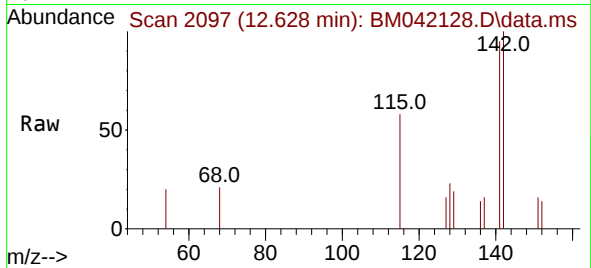
Tgt Ion:142 Resp: 906
Ion Ratio Lower Upper
142 100
141 92.6 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. 0.002 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

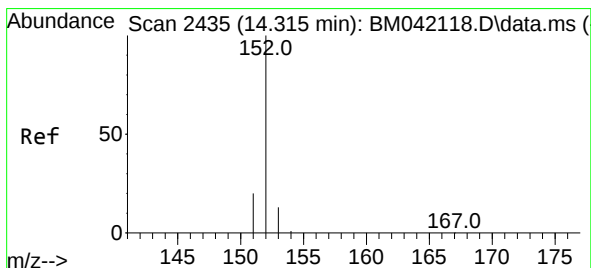
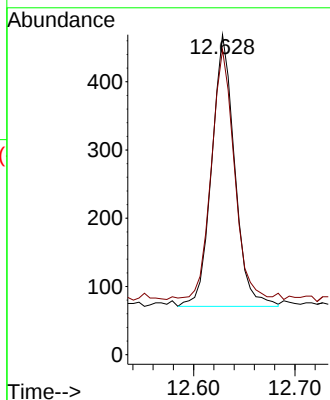
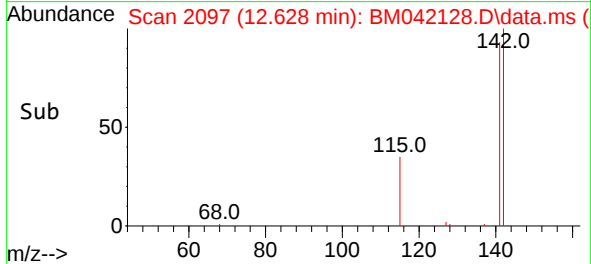
Instrument :
BNA_M
ClientSampleId :
EZYF4DL



Tgt Ion:142 Resp: 624
Ion Ratio Lower Upper
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141 93.3 75.1 112.7

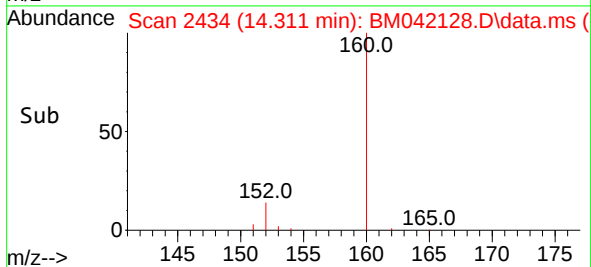
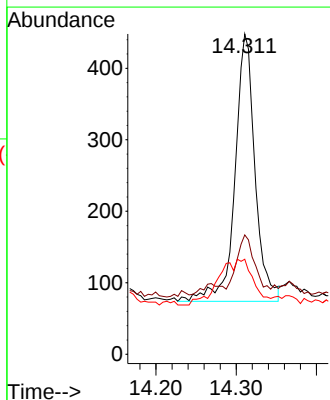
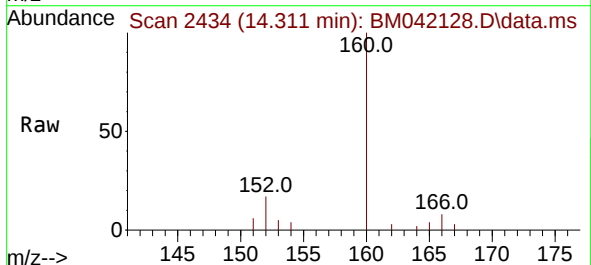
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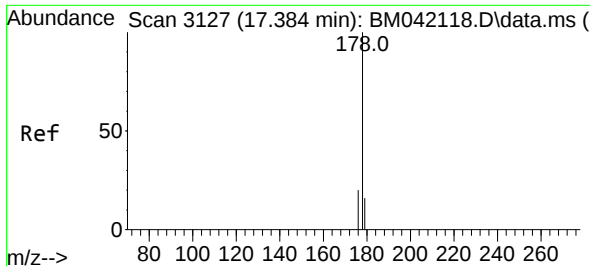
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.004 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

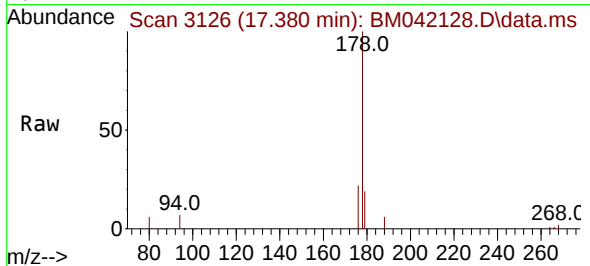
Tgt Ion:152 Resp: 651
Ion Ratio Lower Upper
152 100
151 37.3 16.2 24.4#
153 29.7 10.8 16.2#





#15
Phenanthrene
Concen: 0.156 ng/ul
RT: 17.380 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

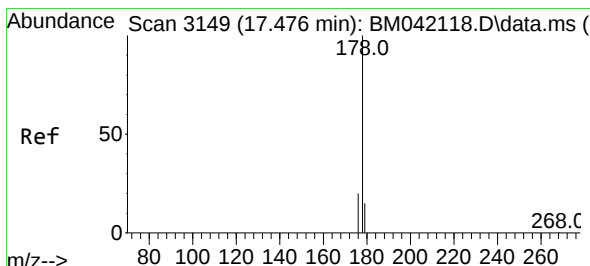
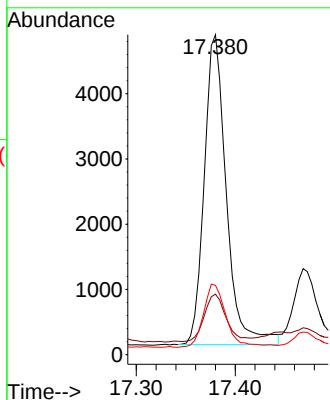
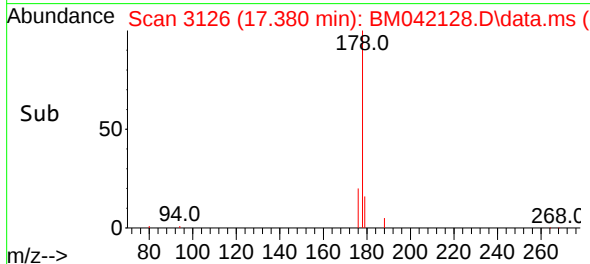
Instrument :
BNA_M
ClientSampleId :
EZYF4DL



Tgt Ion:178 Resp: 7380
Ion Ratio Lower Upper
178 100
179 18.9 12.7 19.1
176 21.7 16.6 24.8

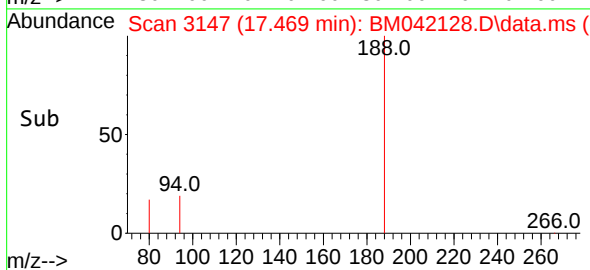
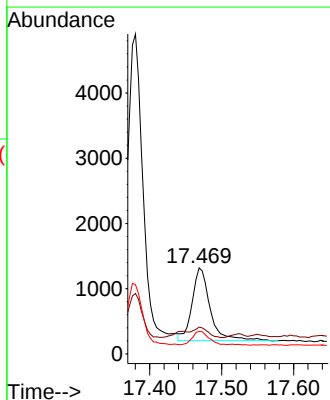
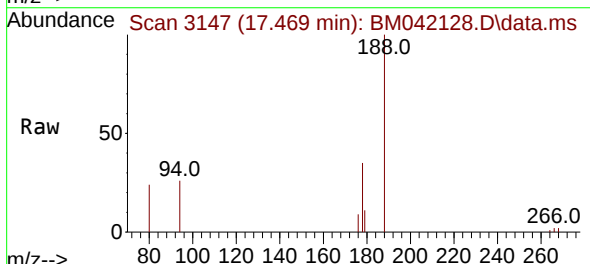
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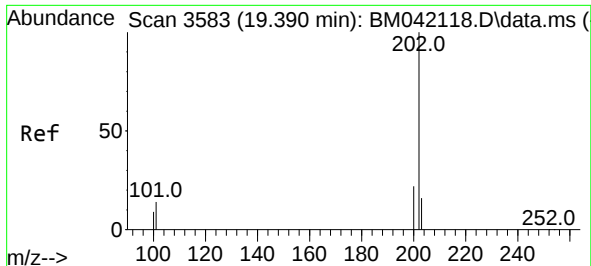
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#16
Anthracene
Concen: 0.048 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

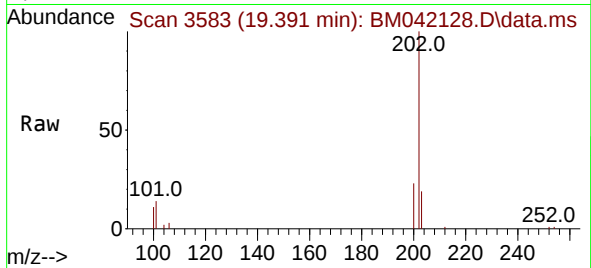
Tgt Ion:178 Resp: 1952
Ion Ratio Lower Upper
178 100
179 31.3 12.9 19.3#
176 26.1 16.2 24.2#





#19
Fluoranthene
Concen: 0.235 ng/u1
RT: 19.391 min Scan# 3583
Delta R.T. 0.001 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

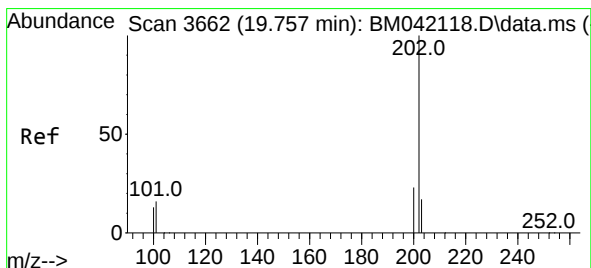
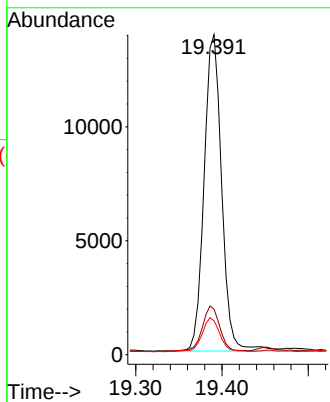
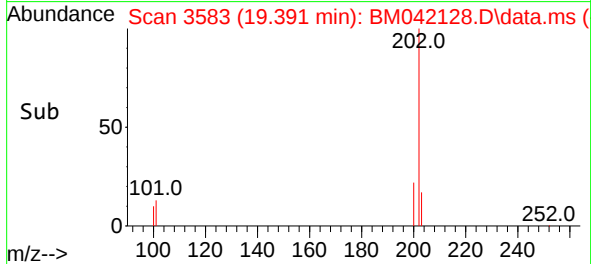
Instrument :
BNA_M
ClientSampleId :
EZYF4DL



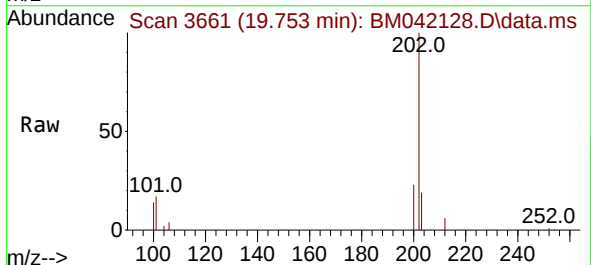
Tgt Ion:202 Resp: 1966
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.6 9.1 13.7

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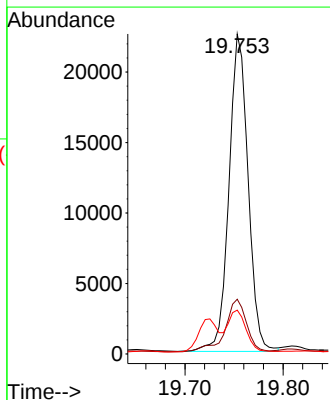
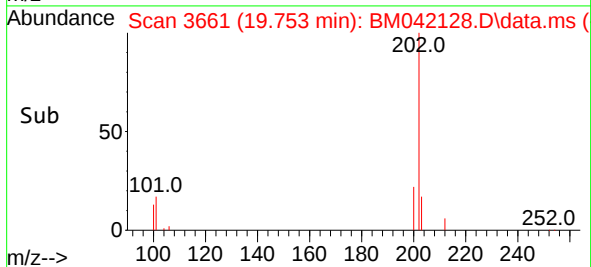
Reviewed By :Yogesh Patel 09/29/2023
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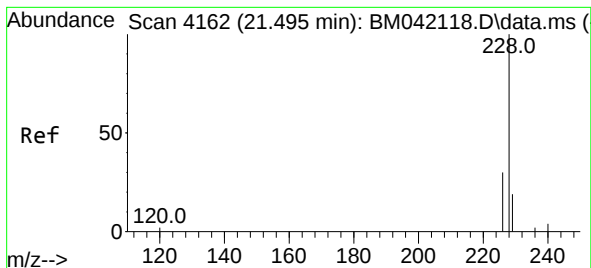


#20
Pyrene
Concen: 0.372 ng/u1
RT: 19.753 min Scan# 3661
Delta R.T. -0.004 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15



Tgt Ion:202 Resp: 30630
Ion Ratio Lower Upper
202 100
101 17.1 14.1 21.1
100 13.7 11.4 17.0





#21

Benzo(a)anthracene

Concen: 0.132 ng/ul

RT: 21.493 min Scan# 4161

Delta R.T. -0.002 min

Lab File: BM042128.D

Acq: 28 Sep 2023 23:15

Instrument :

BNA_M

ClientSampleId :

EZYF4DL

Tgt Ion:228 Resp: 7430

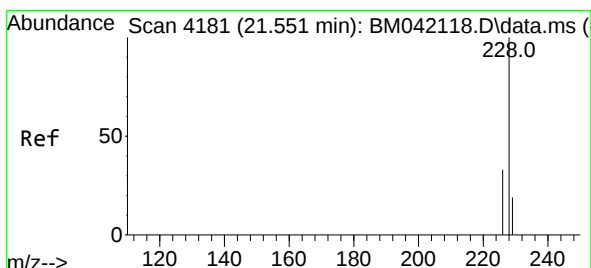
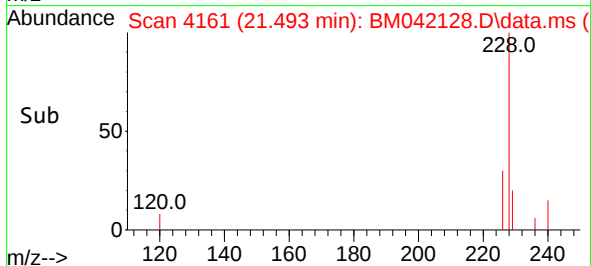
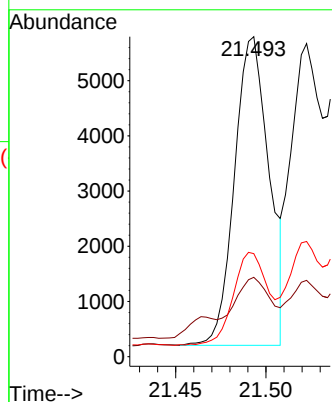
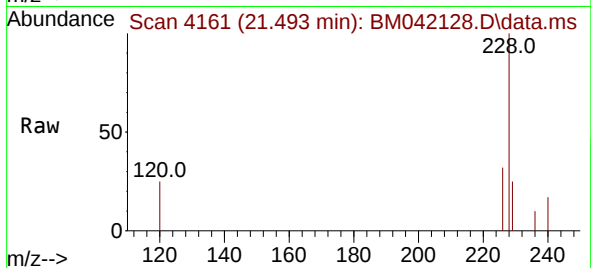
Ion	Ratio	Lower	Upper
228	100		
229	24.8	15.5	23.3
226	32.2	24.8	37.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/29/2023

Supervised By :mohammad ahmed 10/03/2023



#22

Chrysene

Concen: 0.263 ng/ul m

RT: 21.546 min Scan# 4179

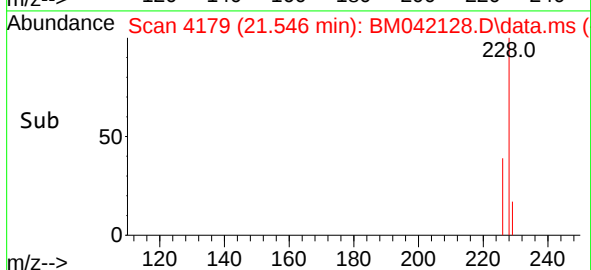
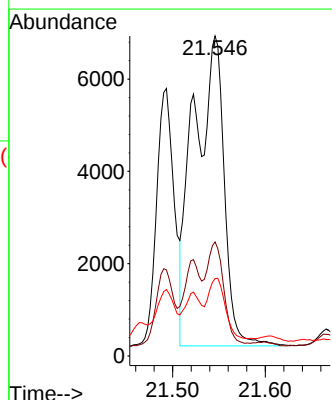
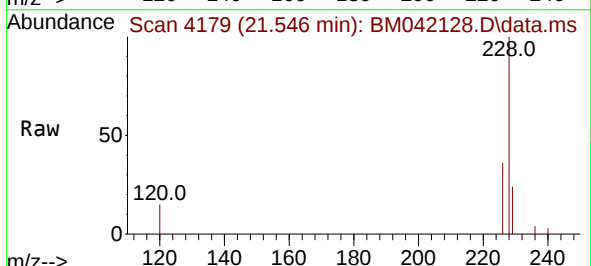
Delta R.T. -0.005 min

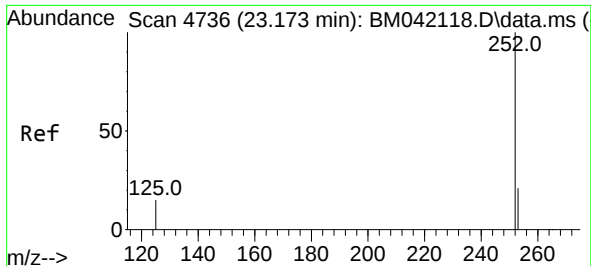
Lab File: BM042128.D

Acq: 28 Sep 2023 23:15

Tgt Ion:228 Resp: 15281

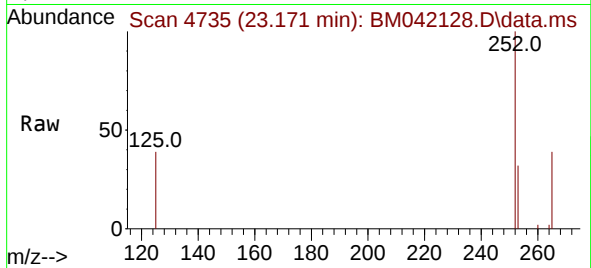
Ion	Ratio	Lower	Upper
228	100		
226	35.7	27.8	41.6
229	24.2	15.6	23.4





#24
Benzo(b)fluoranthene
Concen: 0.275 ng/ul
RT: 23.171 min Scan# 4735
Delta R.T. -0.002 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

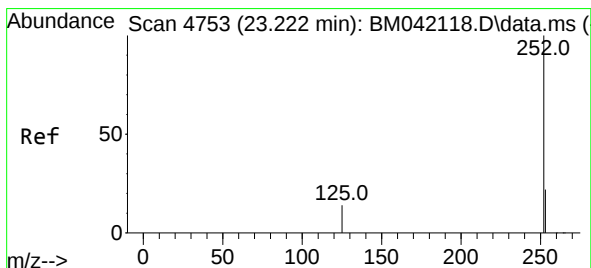
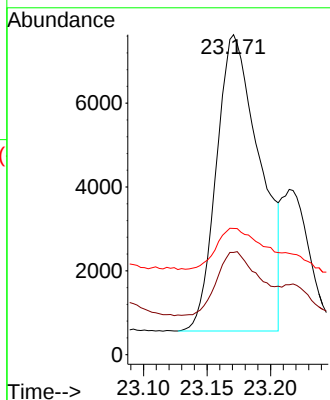
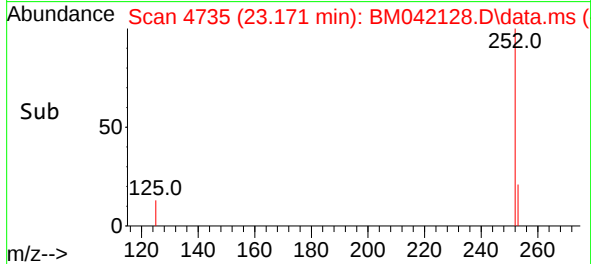
Instrument :
BNA_M
ClientSampleId :
EZYF4DL



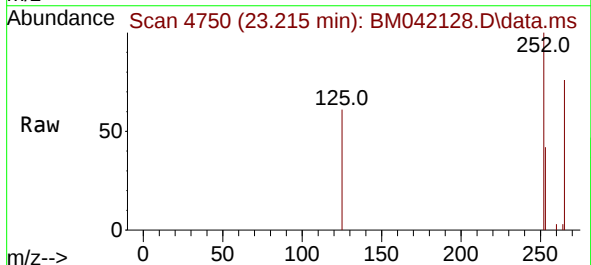
Tgt Ion:252 Resp: 1681
Ion Ratio Lower Upper
252 100
253 31.9 0.0 54.4
125 39.5 0.0 46.2

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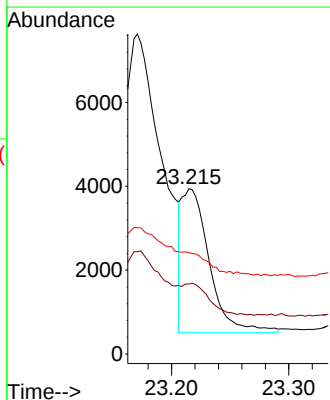
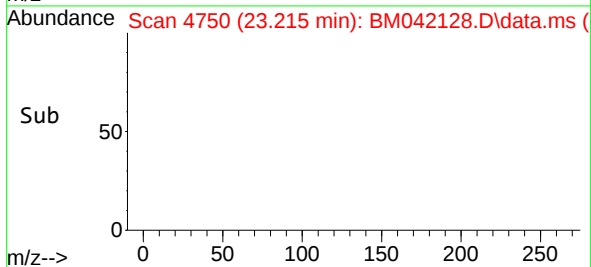
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

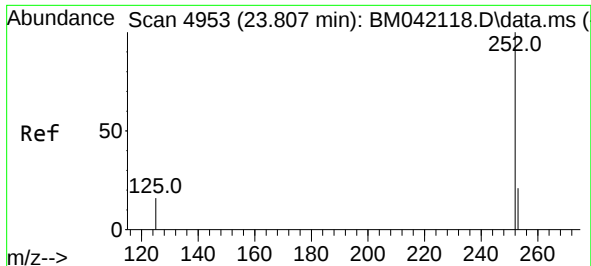


#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 23.215 min Scan# 4750
Delta R.T. -0.008 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15



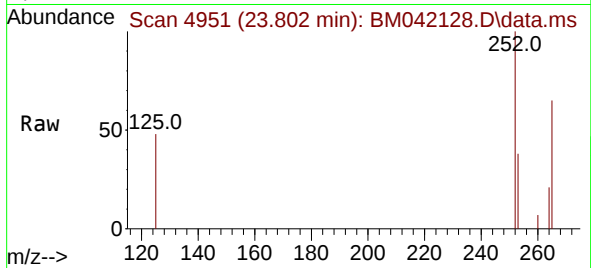
Tgt Ion:252 Resp: 5581
Ion Ratio Lower Upper
252 100
253 42.3 21.0 31.6#
125 61.3 19.0 28.6#





#26
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.802 min Scan# 4953
Delta R.T. -0.005 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

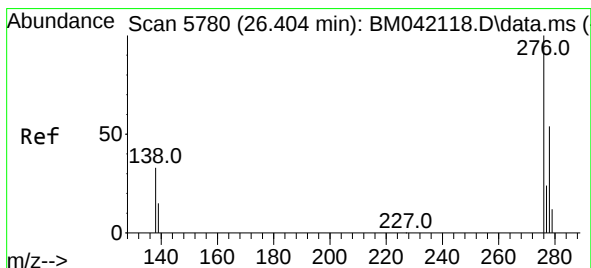
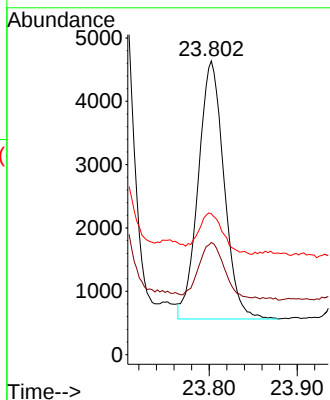
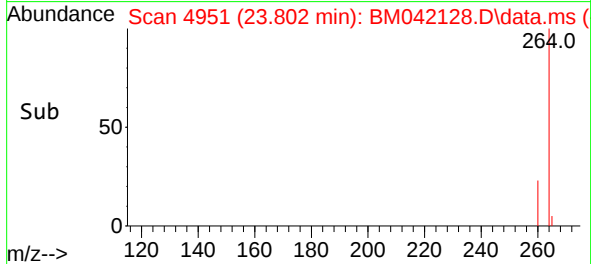
Instrument :
BNA_M
ClientSampleId :
EZYF4DL



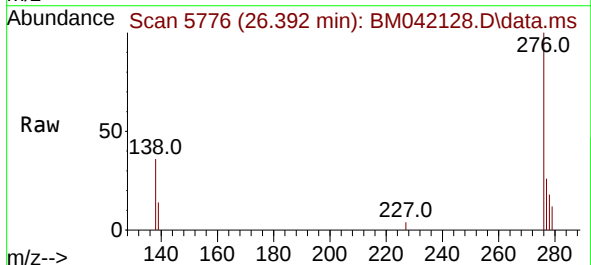
Tgt Ion:252 Resp: 8312
Ion Ratio Lower Upper
252 100
253 38.2 23.2 34.8
125 48.0 22.5 33.7

Manual Integrations
APPROVED

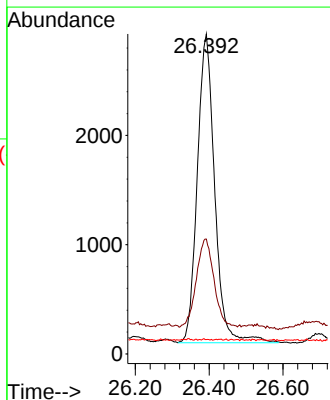
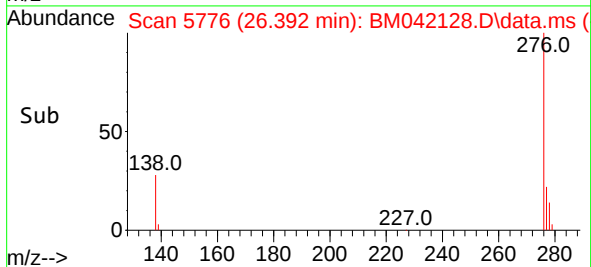
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

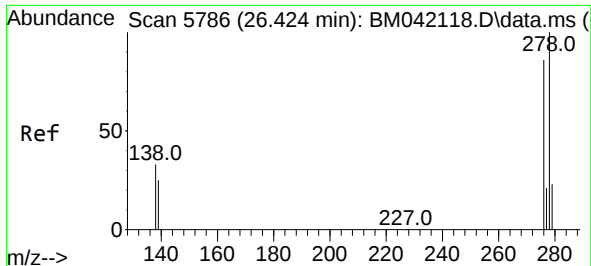


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.134 ng/ul
RT: 26.392 min Scan# 5776
Delta R.T. -0.012 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15



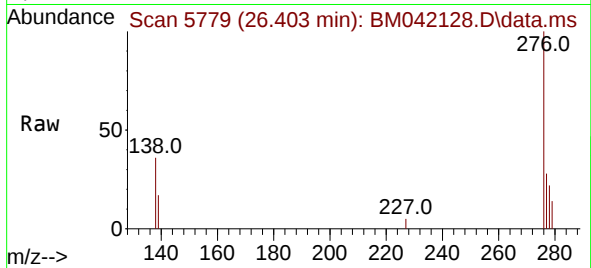
Tgt Ion:276 Resp: 9220
Ion Ratio Lower Upper
276 100
138 28.9 32.1 48.1#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 26.403 min Scan# 51
Delta R.T. -0.022 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15

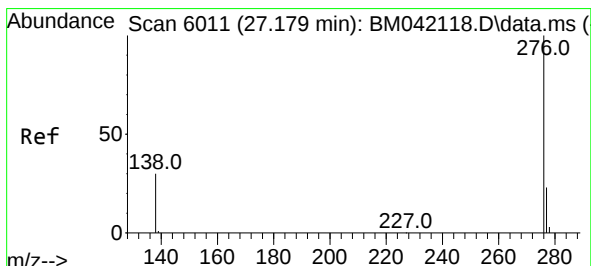
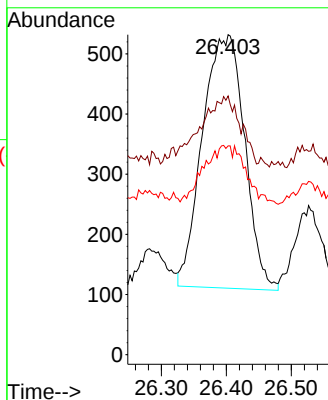
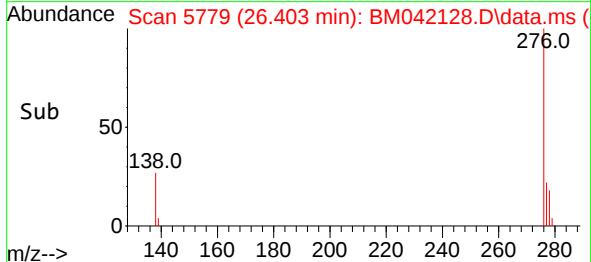
Instrument :
BNA_M
ClientSampleId :
EZYF4DL



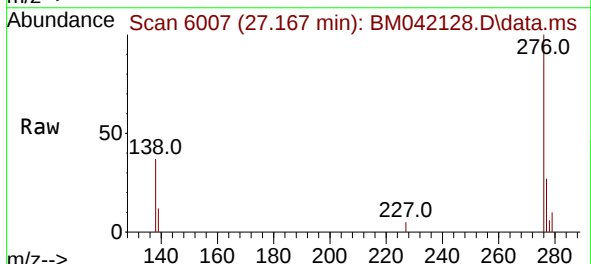
Tgt Ion: 278 Resp: 1894
Ion Ratio Lower Upper
278 100
139 80.8 25.0 37.6
279 65.2 21.7 32.5

Manual Integrations
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Supervised By :mohammad ahmed 10/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 27.167 min Scan# 6007
Delta R.T. -0.012 min
Lab File: BM042128.D
Acq: 28 Sep 2023 23:15



Tgt Ion: 276 Resp: 8336
Ion Ratio Lower Upper
276 100
138 37.1 29.0 43.4
277 27.3 19.6 29.4

