

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046875.D
 Acq On : 27 Jul 2024 19:31
 Operator : MA/JU
 Sample : P3264-19DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 28 23:32:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 24 15:10:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	13072	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	7654	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	13840	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.085	240	8470	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	9682	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1898	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	909	0.044	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	1534	0.056	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.270	128	819	0.025	ng/ul#	73
10) Acenaphthylene	13.830	152	2236	0.064	ng/ul#	84
11) Acenaphthene	14.177	153	1404	0.059	ng/ul	91
12) Fluorene	15.172	166	1885	0.063	ng/ul#	93
15) Phenanthrene	16.912	178	19095	0.480	ng/ul	99
16) Anthracene	17.001	178	3403	0.092	ng/ul#	86
19) Fluoranthene	18.945	202	22776	0.612	ng/ul	100
20) Pyrene	19.308	202	22348	0.581	ng/ul	99
21) Benzo(a)anthracene	21.067	228	8948	0.254	ng/ul#	79
22) Chrysene	21.120	228	9165	0.256	ng/ul#	82
24) Benzo(b)fluoranthene	22.587	252	12077m	0.284	ng/ul	
25) Benzo(k)fluoranthene	22.622	252	3683m	0.086	ng/ul	
26) Benzo(a)pyrene	23.122	252	8553	0.280	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.323	276	6375	0.136	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.333	278	1633	0.047	ng/ul#	1
29) Benzo(g,h,i)perylene	25.964	276	5939	0.144	ng/ul#	61

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

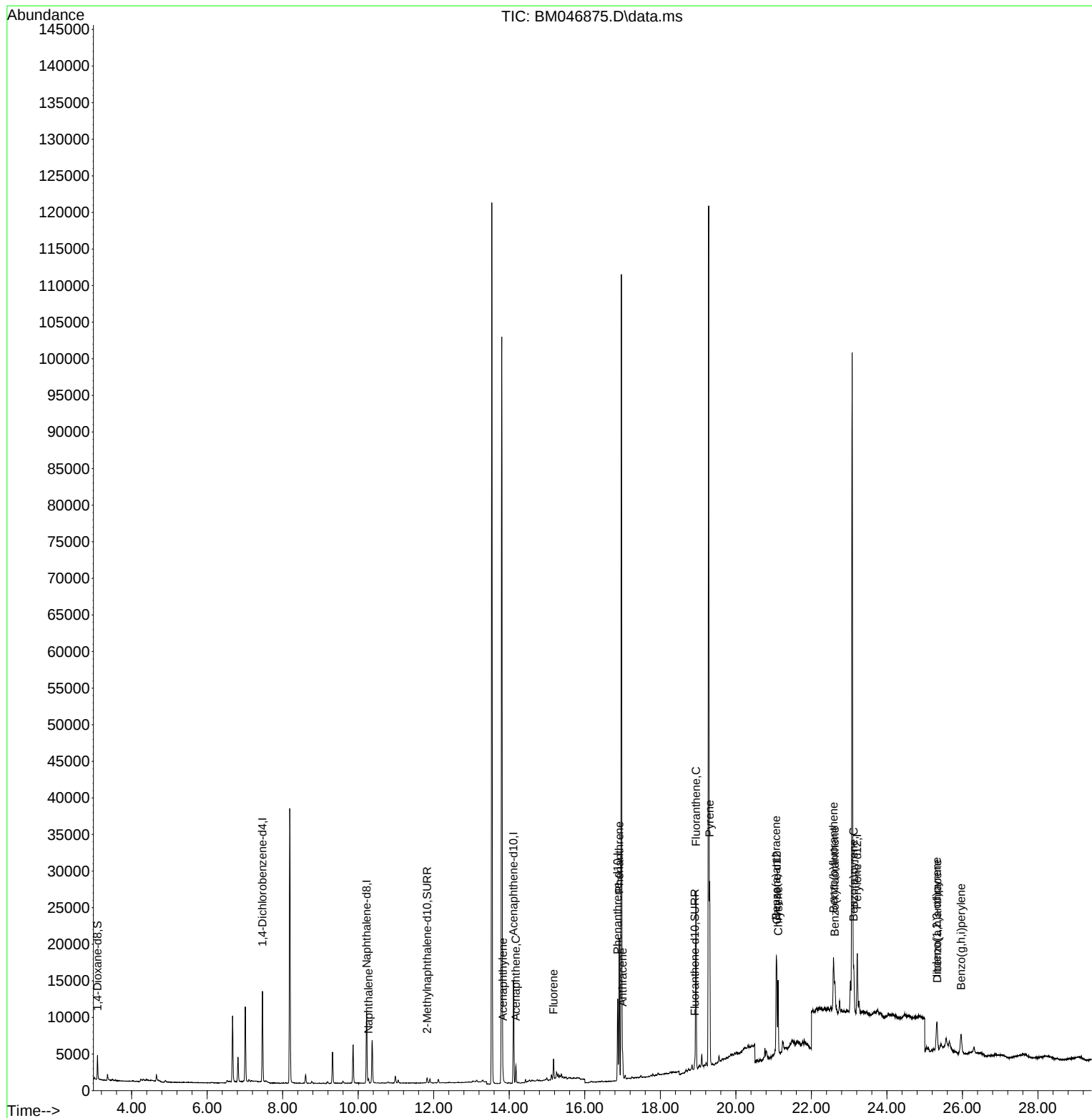
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046875.D
Acq On : 27 Jul 2024 19:31
Operator : MA/JU
Sample : P3264-19DL 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

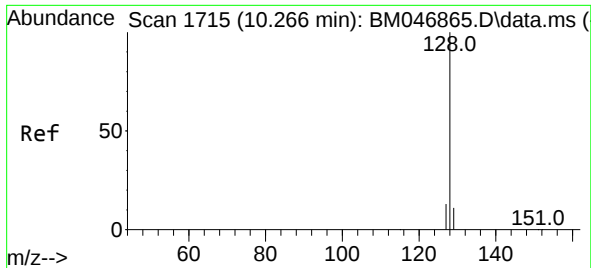
Instrument :
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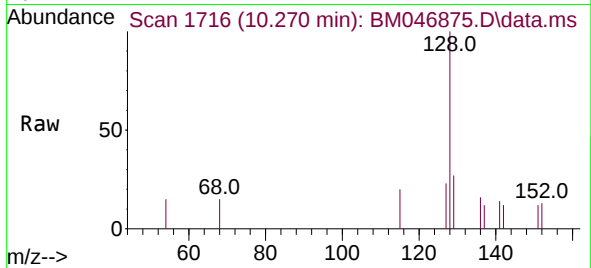
Quant Time: Jul 28 23:32:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

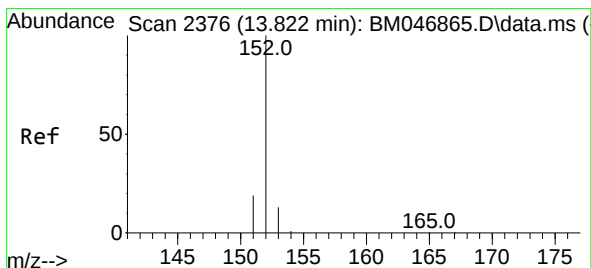
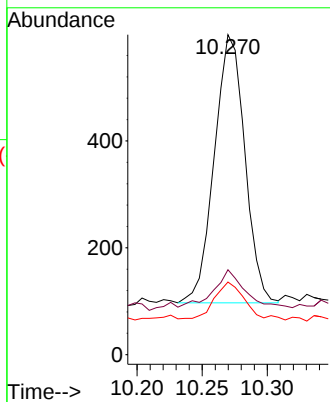
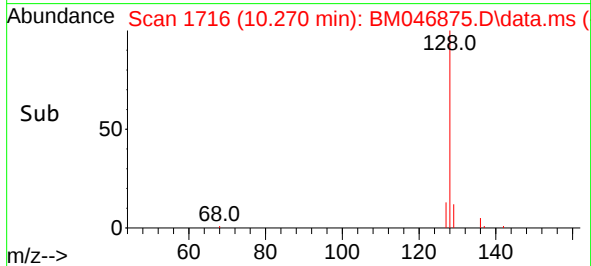
Instrument :
BNA_M
ClientSampleId :
A4CM7DL



Tgt Ion:128 Resp: 819
Ion Ratio Lower Upper
128 100
129 26.5 10.1 15.1#
127 22.7 11.5 17.3#

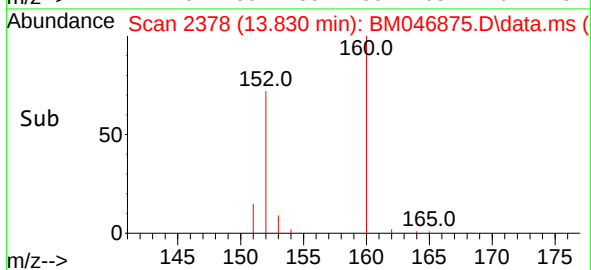
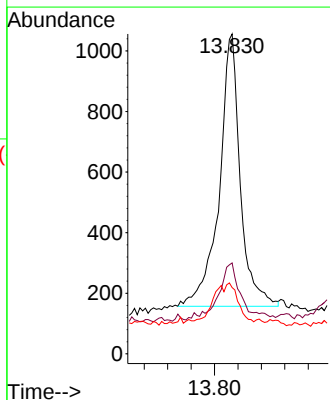
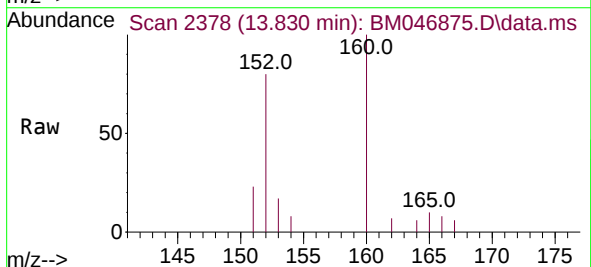
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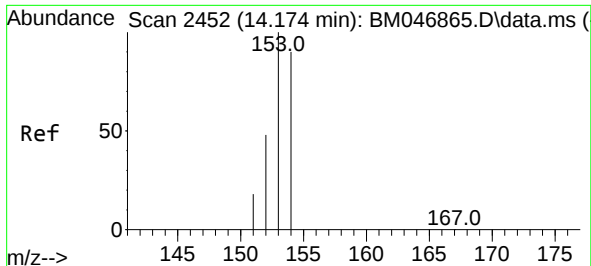
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

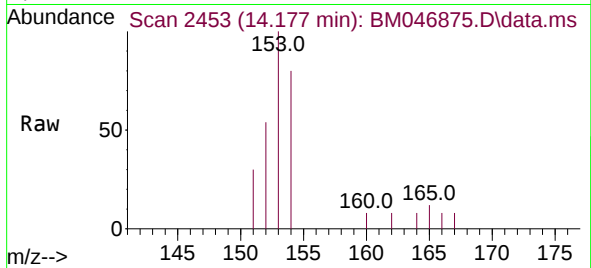
Tgt Ion:152 Resp: 2236
Ion Ratio Lower Upper
152 100
151 28.4 16.8 25.2#
153 20.7 11.0 16.6#





#11
Acenaphthene
Concen: 0.059 ng/u1
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

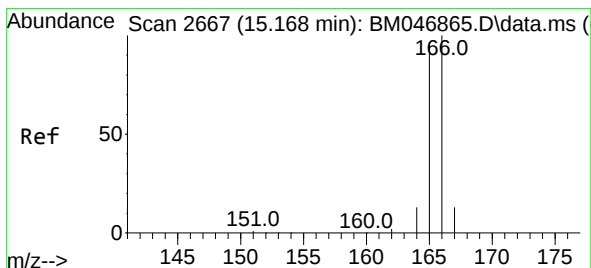
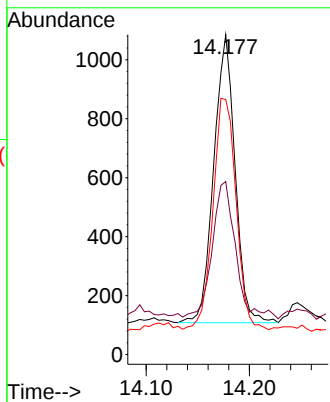
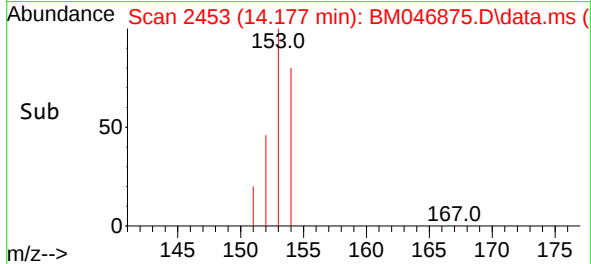
Instrument :
BNA_M
ClientSampleId :
A4CM7DL



Tgt Ion:153 Resp: 1404
Ion Ratio Lower Upper
153 100
152 54.1 38.6 57.8
154 79.7 70.8 106.2

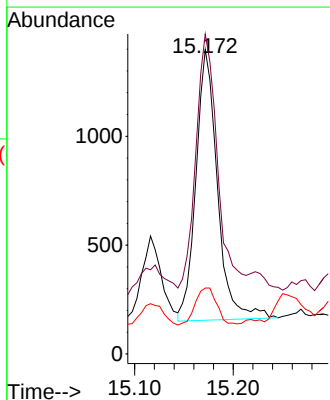
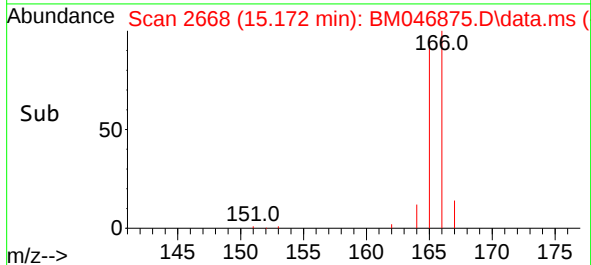
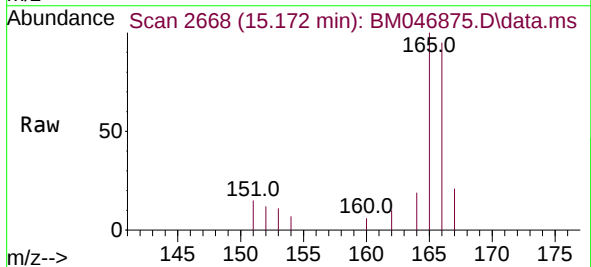
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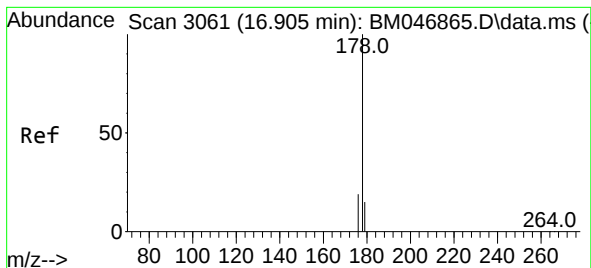
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.172 min Scan# 2668
Delta R.T. -0.006 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:166 Resp: 1885
Ion Ratio Lower Upper
166 100
165 105.2 79.8 119.6
167 21.7 12.3 18.5#





#15

Phenanthrene

Concen: 0.480 ng/ul

RT: 16.912 min Scan# 3063

Delta R.T. -0.001 min

Lab File: BM046875.D

Acq: 27 Jul 2024 19:31

Instrument :

BNA_M

ClientSampleId :

A4CM7DL

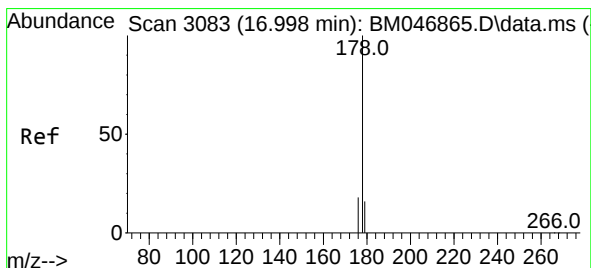
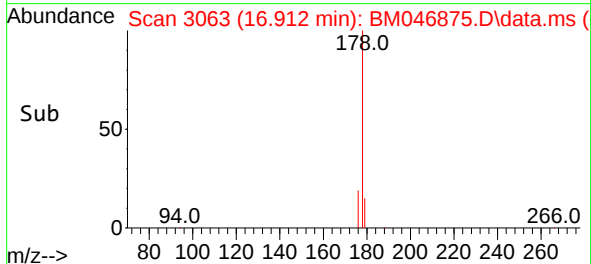
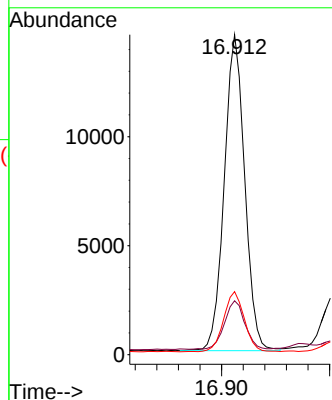
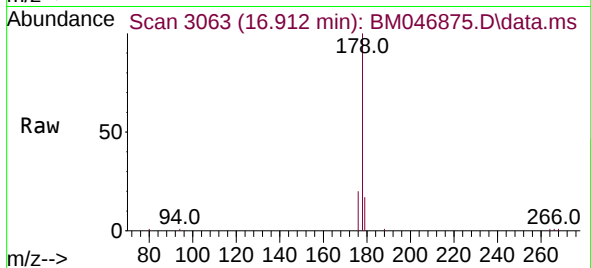
Tgt Ion:	178	Resp:	1909
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.4	20.2
176	19.7	16.1	24.1

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Supervised By :mohammad ahmed 08/05/2024



#16

Anthracene

Concen: 0.092 ng/ul

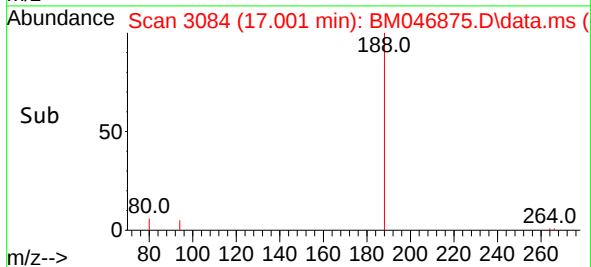
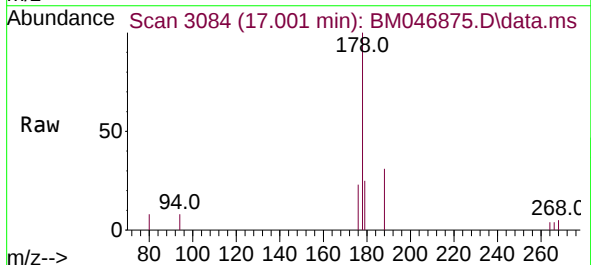
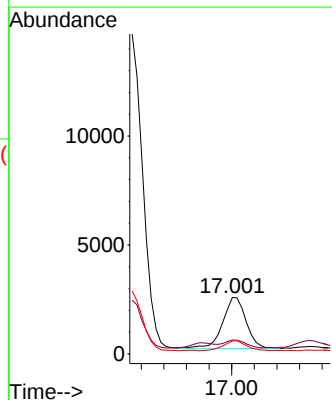
RT: 17.001 min Scan# 3084

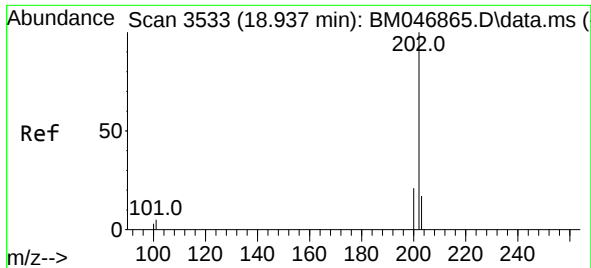
Delta R.T. -0.006 min

Lab File: BM046875.D

Acq: 27 Jul 2024 19:31

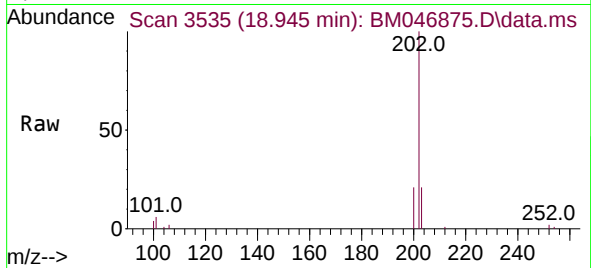
Tgt Ion:	178	Resp:	3403
Ion Ratio	Lower	Upper	
178	100		
179	24.6	13.1	19.7#
176	22.9	15.0	22.6#





#19
Fluoranthene
Concen: 0.612 ng/u1
RT: 18.945 min Scan# 3533
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

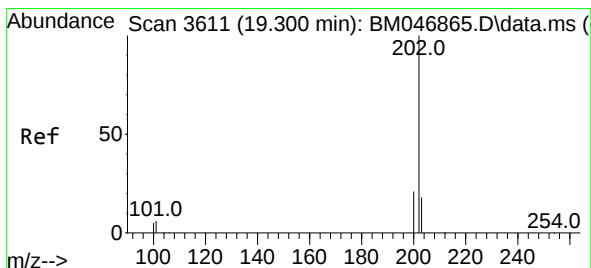
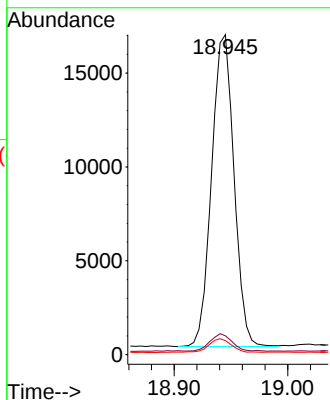
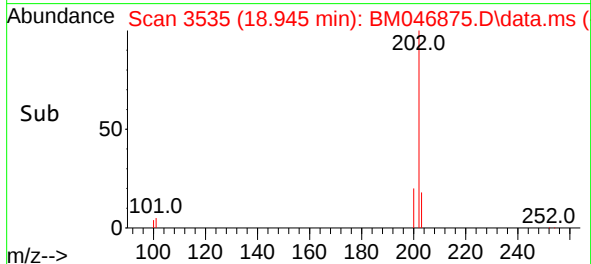
Instrument :
BNA_M
ClientSampleId :
A4CM7DL



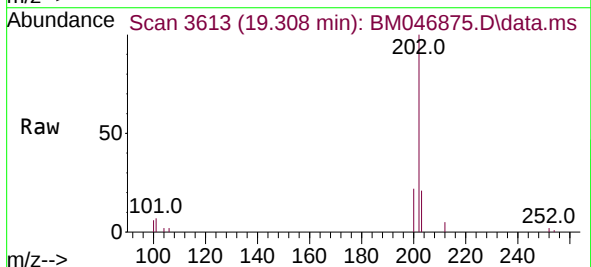
Tgt Ion:202 Resp: 22770
Ion Ratio Lower Upper
202 100
101 5.9 4.7 7.1
100 4.4 3.4 5.2

Manual Integrations
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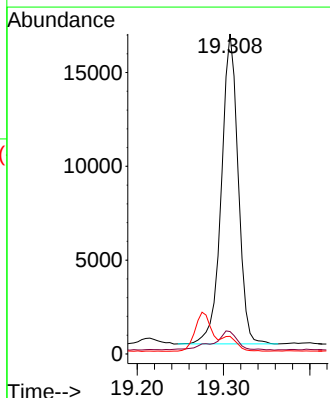
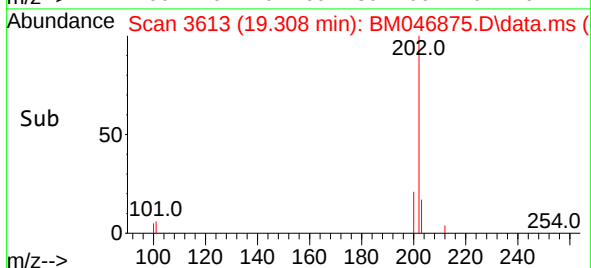
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

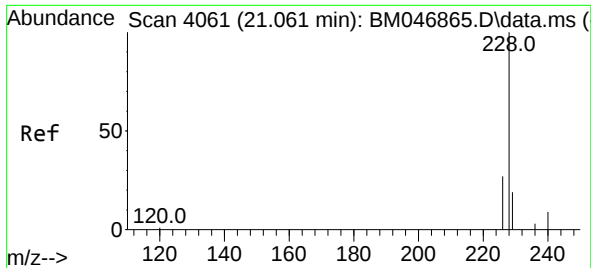


#20
Pyrene
Concen: 0.581 ng/u1
RT: 19.308 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31



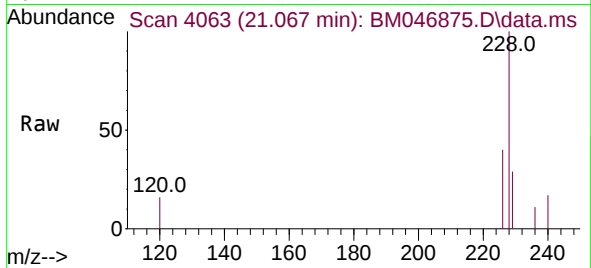
Tgt Ion:202 Resp: 22348
Ion Ratio Lower Upper
202 100
101 7.0 5.2 7.8
100 5.5 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.254 ng/uI
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

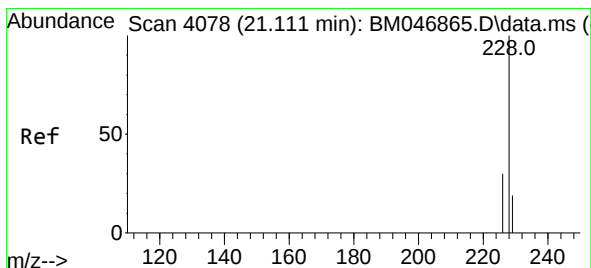
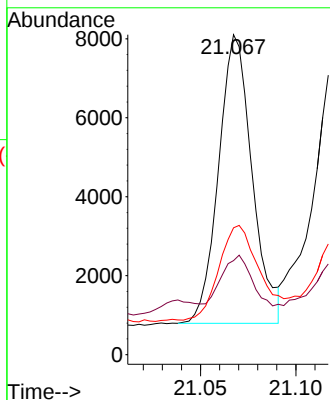
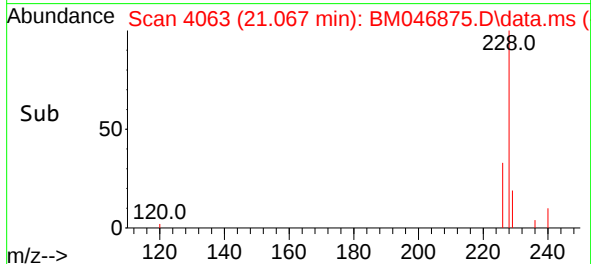
Instrument :
BNA_M
ClientSampleId :
A4CM7DL



Tgt Ion:228 Resp: 8948
Ion Ratio Lower Upper
228 100
229 29.4 16.3 24.5#
226 39.7 22.3 33.5#

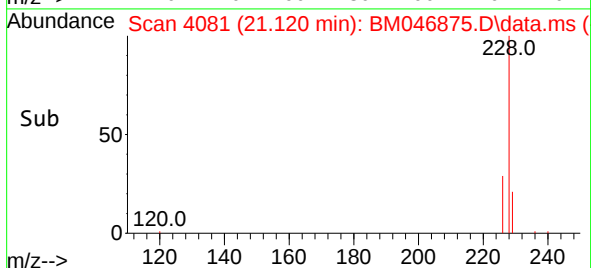
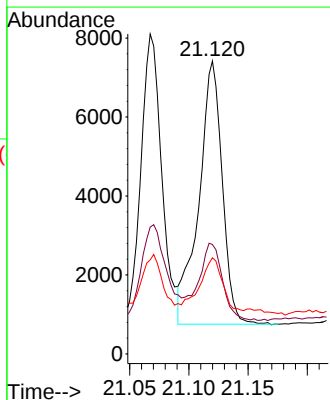
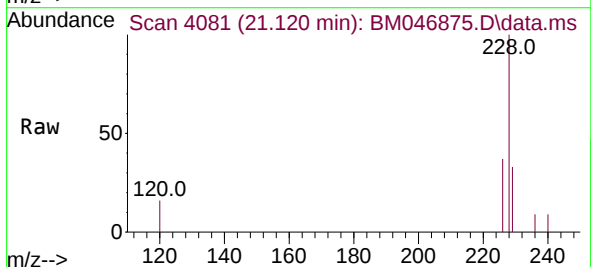
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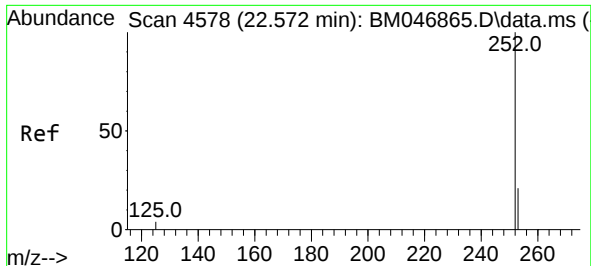
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 0.256 ng/uI
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:228 Resp: 9165
Ion Ratio Lower Upper
228 100
226 37.3 24.5 36.7#
229 32.8 16.2 24.2#





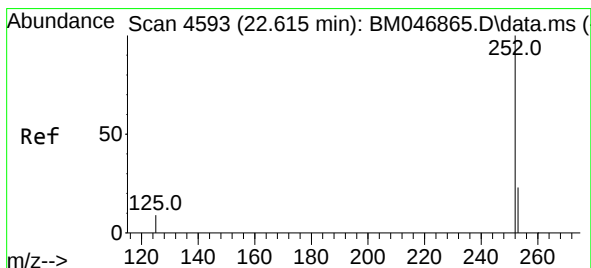
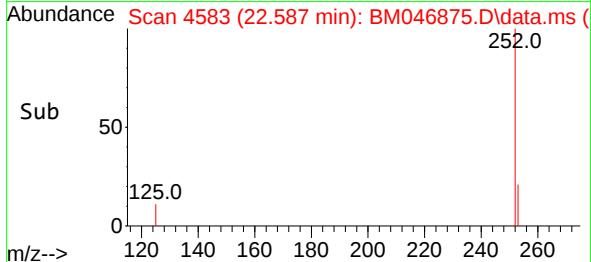
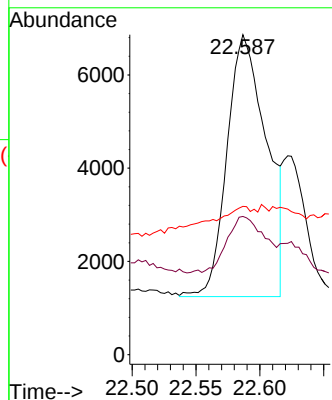
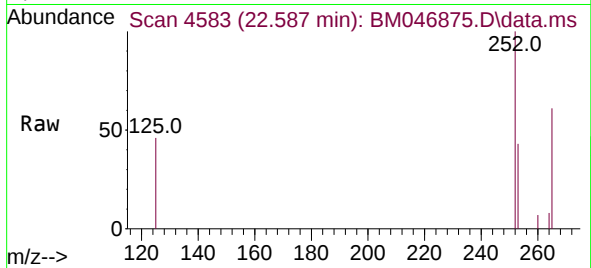
#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul m
RT: 22.587 min Scan# 4583
Delta R.T. 0.006 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:252 Resp: 1207
Ion Ratio Lower Upper
252 100
253 43.2 0.0 56.4
125 46.3 0.0 15.8

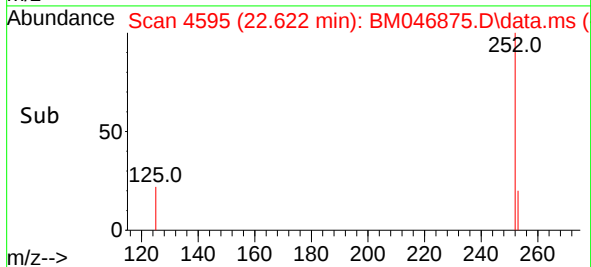
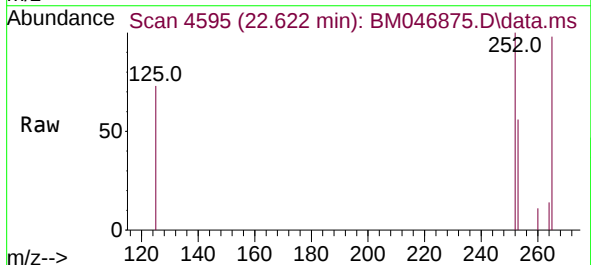
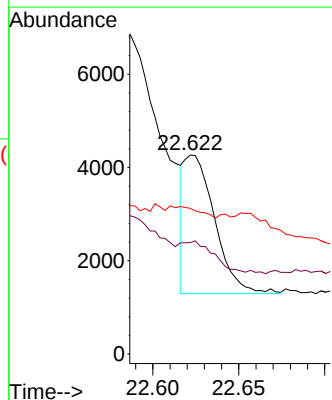
Manual Integrations
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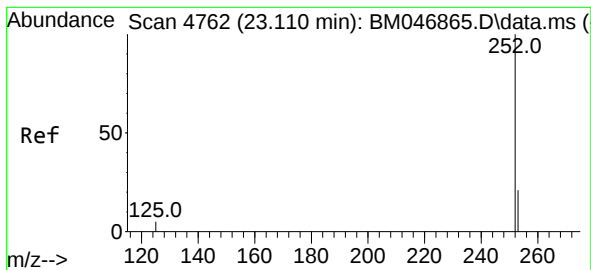
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.086 ng/ul m
RT: 22.622 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

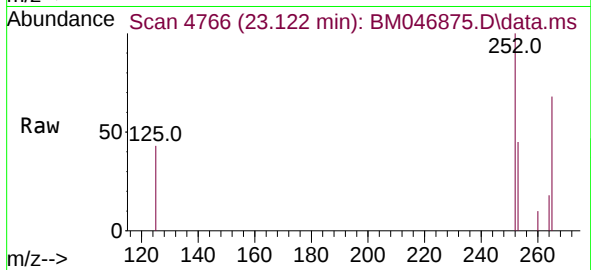
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Ion Ratio Lower Upper
252 100
253 56.0 23.5 35.3#
125 73.2 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.280 ng/ul
RT: 23.122 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

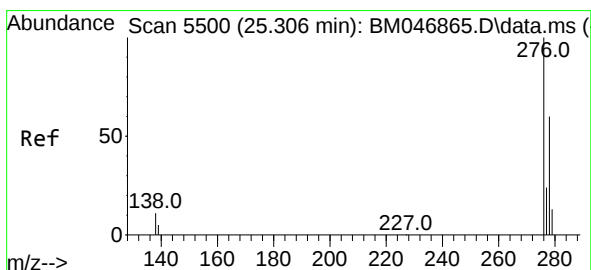
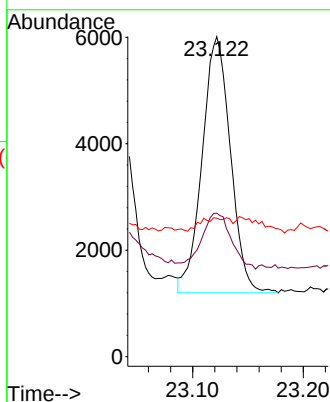
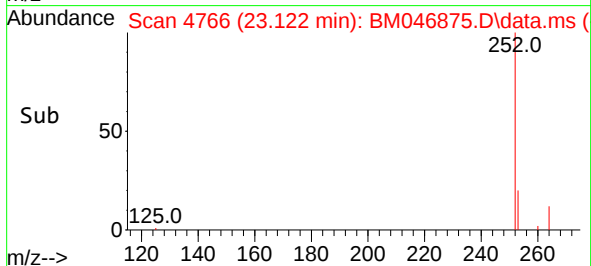
Instrument :
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ClientSampleId :
A4CM7DL



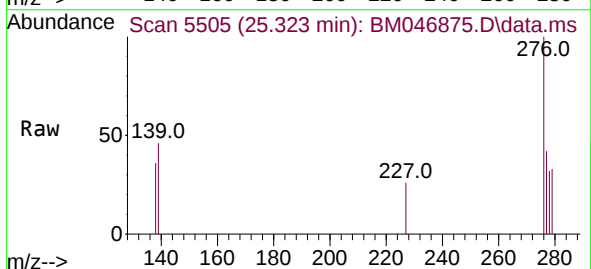
Tgt Ion:252 Resp: 855
Ion Ratio Lower Upper
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253 44.9 26.0 39.0
125 43.3 7.8 11.8

Manual Integrations
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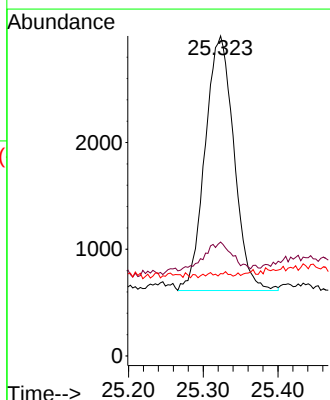
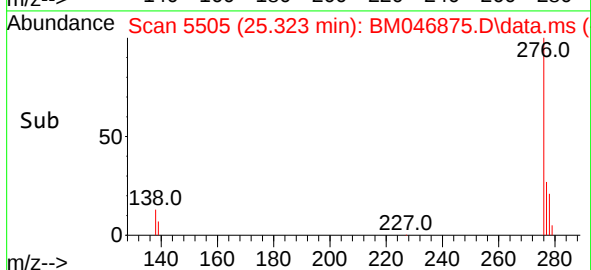
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

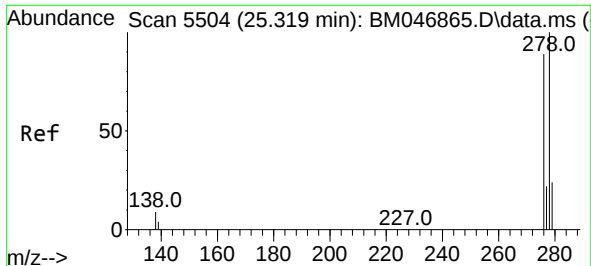


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.323 min Scan# 5505
Delta R.T. 0.007 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31



Tgt Ion:276 Resp: 6375
Ion Ratio Lower Upper
276 100
138 10.9 9.7 14.5
227 0.4 0.2 0.2





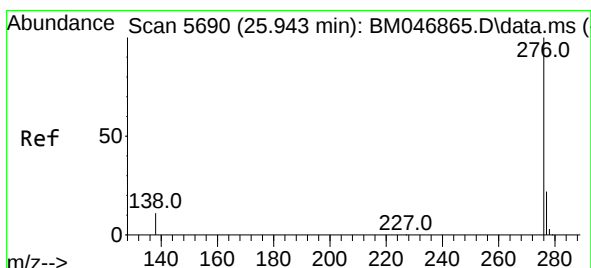
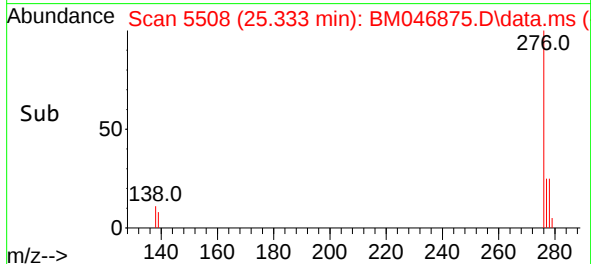
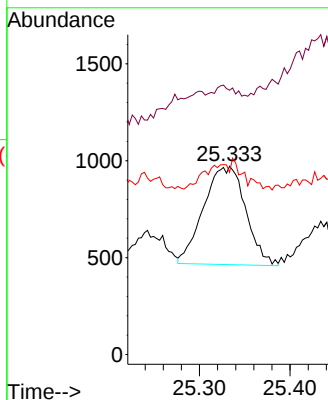
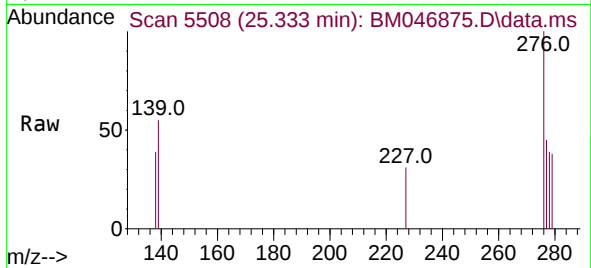
#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.333 min Scan# 5508
Delta R.T. 0.000 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Instrument :
BNA_M
ClientSampleId :
A4CM7DL

Tgt Ion:278 Resp: 163
Ion Ratio Lower Upper
278 100
139 140.3 9.8 14.8
279 96.7 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 25.964 min Scan# 5696
Delta R.T. 0.011 min
Lab File: BM046875.D
Acq: 27 Jul 2024 19:31

Tgt Ion:276 Resp: 5939
Ion Ratio Lower Upper
276 100
138 35.6 9.5 14.3#
277 41.0 20.9 31.3#

