

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046318.D
 Acq On : 26 Jun 2024 07:53
 Operator : MA/JU
 Sample : P2909-13
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CP2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 08:23:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	2531	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.161	136	7801	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.039	164	4305	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.791	188	9453m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.003	240	7745m	0.400	ng/ul	-0.01
23) Perylene-d12	23.086	264	8104m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	8876	2.556	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.789	152	2265	0.216	ng/ul	-0.06
18) Fluoranthene-d10	18.825	212	5574	0.240	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.210	128	1101	0.051	ng/ul#	77
7) 2-Methylnaphthalene	11.871	142	294	0.024	ng/ul	93
10) Acenaphthylene	13.757	152	2491	0.122	ng/ul#	91
11) Acenaphthene	14.104	153	399	0.027	ng/ul#	88
12) Fluorene	15.103	166	624	0.039	ng/ul#	95
15) Phenanthrene	16.829	178	13229m	0.498	ng/ul	
16) Anthracene	16.922	178	3180m	0.161	ng/ul	
19) Fluoranthene	18.858	202	35566	1.061	ng/ul	96
20) Pyrene	19.220	202	26601	0.733	ng/ul	98
21) Benzo(a)anthracene	20.985	228	18269	0.611	ng/ul	95
22) Chrysene	21.038	228	17587	0.461	ng/ul	97
24) Benzo(b)fluoranthene	22.475	252	25277m	0.866	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	11563m	0.333	ng/ul	
26) Benzo(a)pyrene	22.995	252	10379	0.384	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.128	276	11849	0.268	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.131	278	2951m	0.090	ng/ul	
29) Benzo(g,h,i)perylene	25.752	276	1789	0.047	ng/ul#	44

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

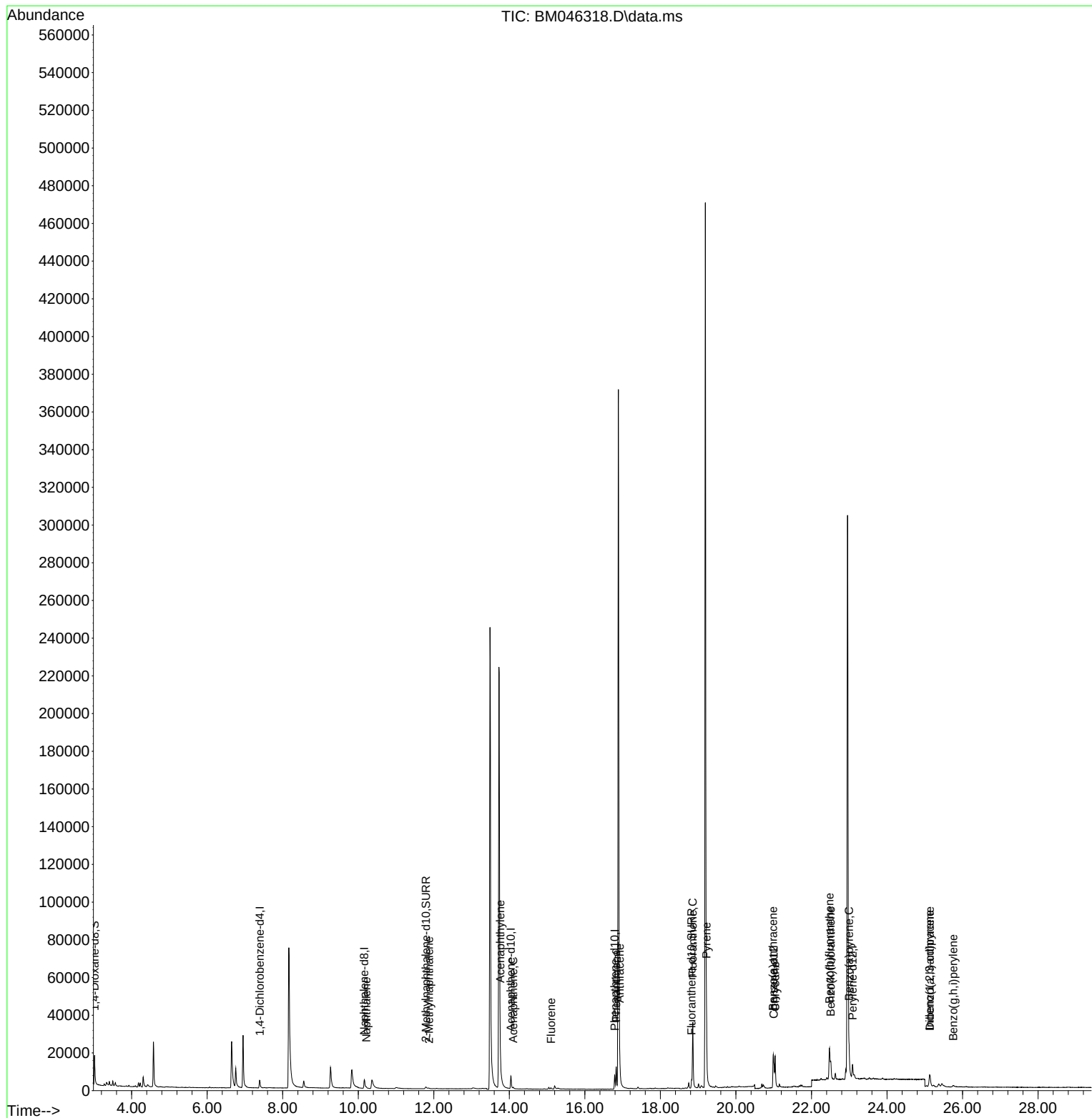
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046318.D
Acq On : 26 Jun 2024 07:53
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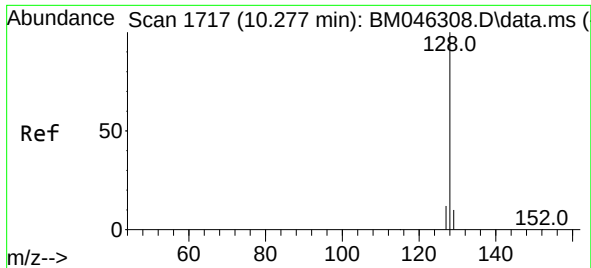
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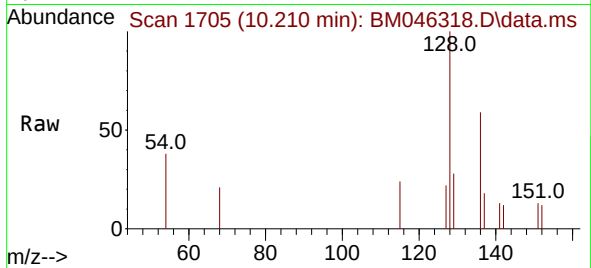
Quant Time: Jun 26 08:23:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
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#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.210 min Scan# 1100
Delta R.T. -0.066 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

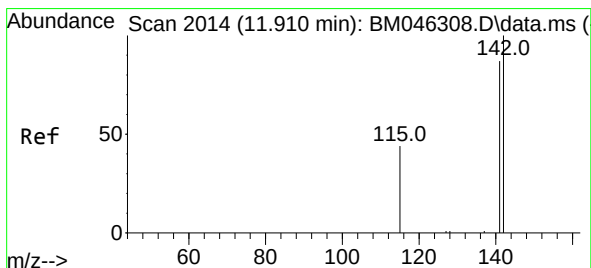
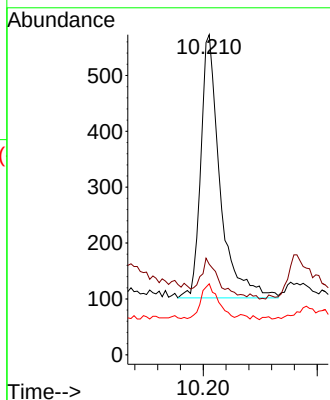
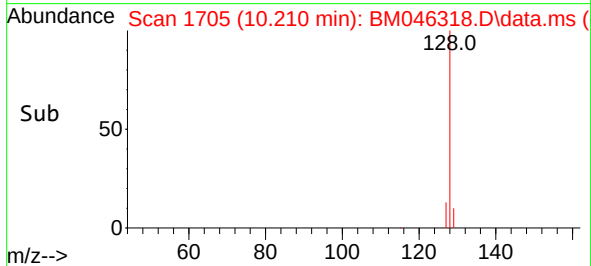
Instrument :
BNA_M
ClientSampleId :
A4CP2



Tgt Ion:128 Resp: 1100
Ion Ratio Lower Upper
128 100
129 28.3 11.8 17.6
127 22.2 12.8 19.2

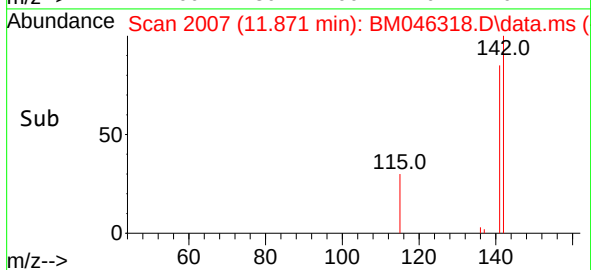
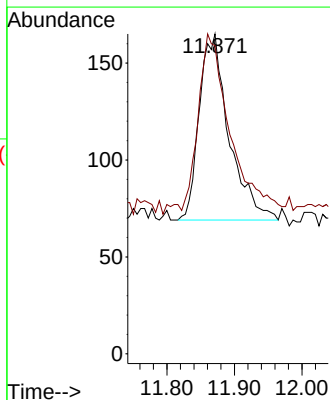
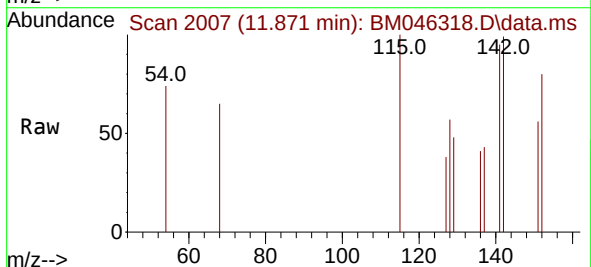
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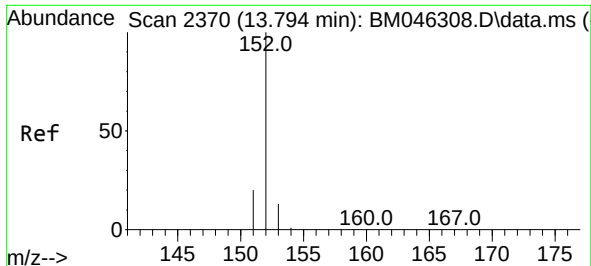
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.039 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

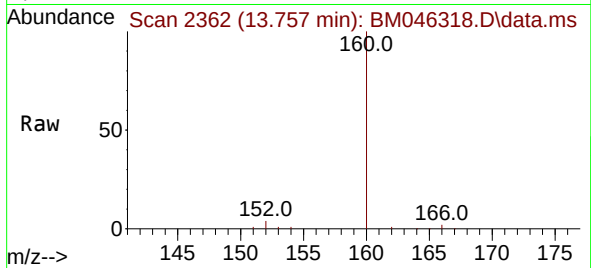
Tgt Ion:142 Resp: 294
Ion Ratio Lower Upper
142 100
141 99.7 74.6 111.8





#10
Acenaphthylene
Concen: 0.122 ng/u1
RT: 13.757 min Scan# 21
Delta R.T. -0.037 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

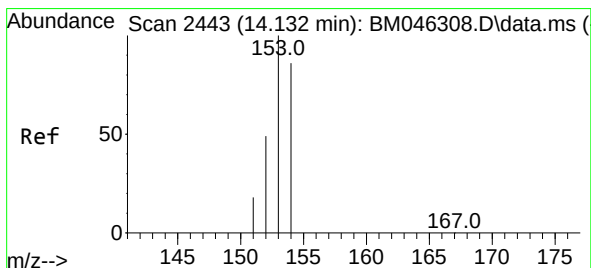
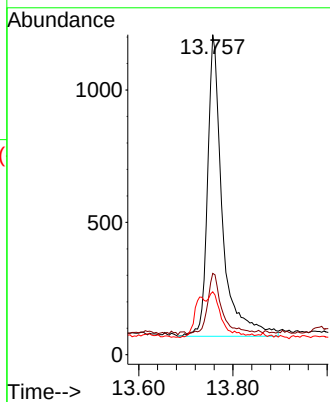
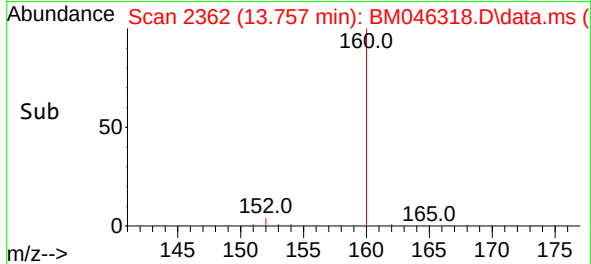
Instrument :
BNA_M
ClientSampleId :
A4CP2



Tgt Ion:152 Resp: 249
Ion Ratio Lower Upper
152 100
151 25.4 17.4 26.2
153 19.7 11.8 17.8

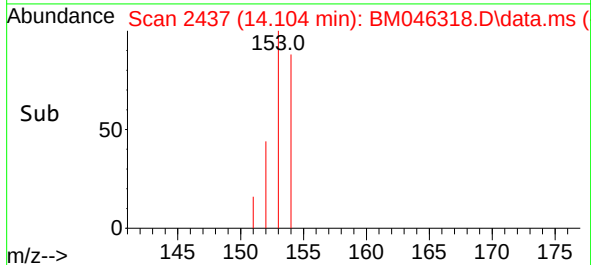
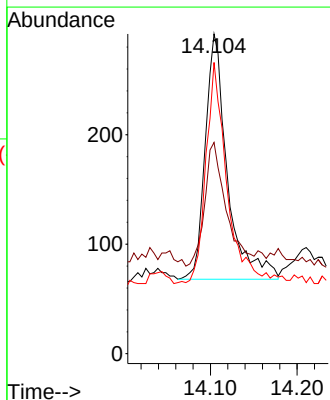
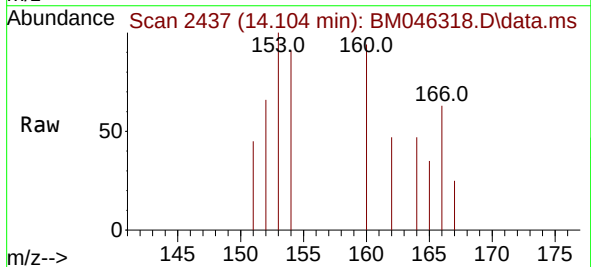
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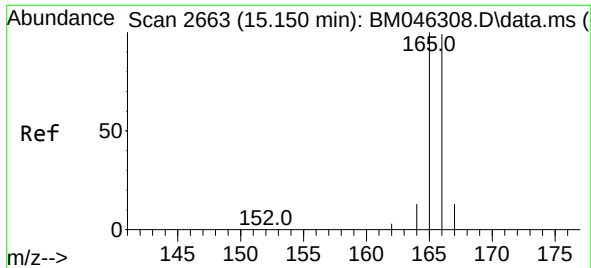
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.104 min Scan# 2437
Delta R.T. -0.028 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

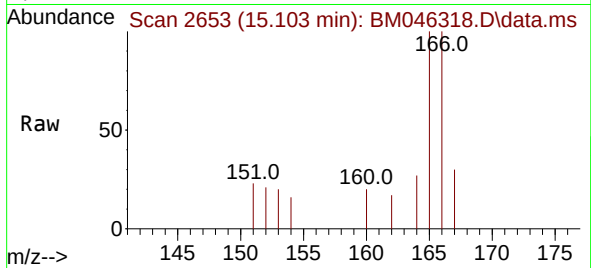
Tgt Ion:153 Resp: 399
Ion Ratio Lower Upper
153 100
152 66.1 41.3 61.9#
154 91.1 68.2 102.4





#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.103 min Scan# 2653
Delta R.T. -0.046 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

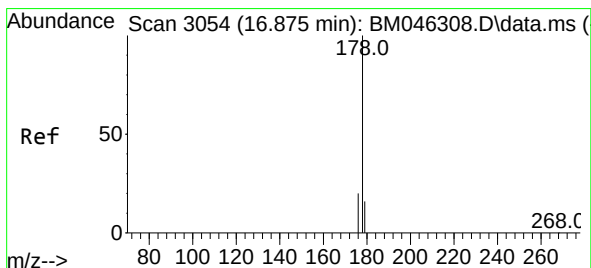
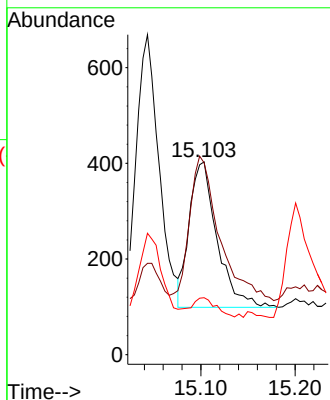
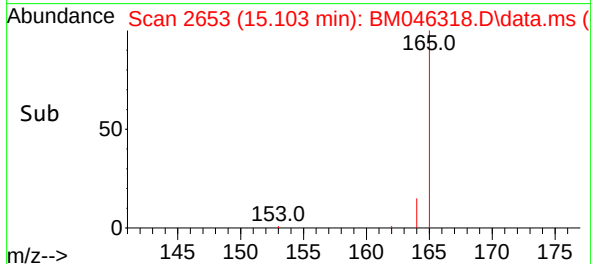
Instrument :
BNA_M
ClientSampleId :
A4CP2



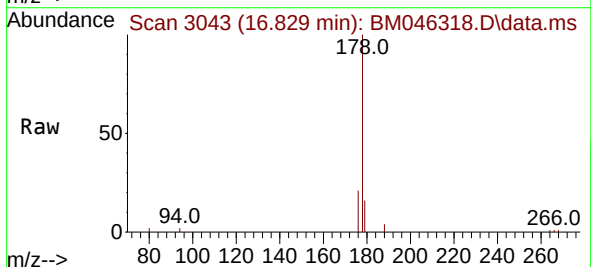
Tgt Ion:166 Resp: 624
Ion Ratio Lower Upper
166 100
165 99.5 80.4 120.6
167 29.5 12.4 18.6

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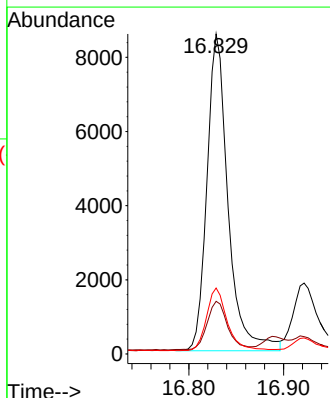
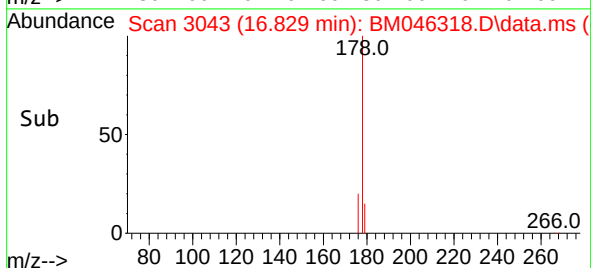
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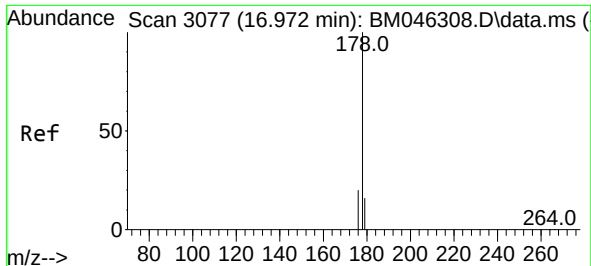


#15
Phenanthrene
Concen: 0.498 ng/ul m
RT: 16.829 min Scan# 3043
Delta R.T. -0.047 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53



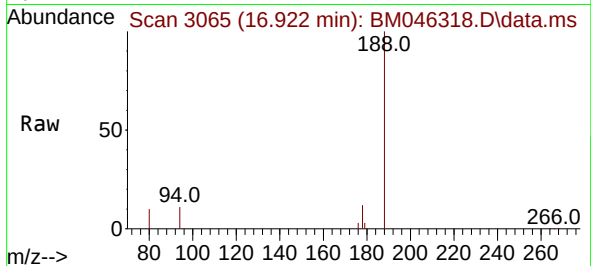
Tgt Ion:178 Resp: 13229
Ion Ratio Lower Upper
178 100
179 16.5 14.2 21.2
176 20.6 17.1 25.7





#16
 Anthracene
 Concen: 0.161 ng/ul m
 RT: 16.922 min Scan# 3077
 Delta R.T. -0.051 min
 Lab File: BM046318.D
 Acq: 26 Jun 2024 07:53

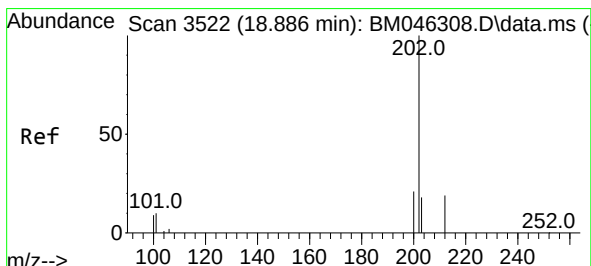
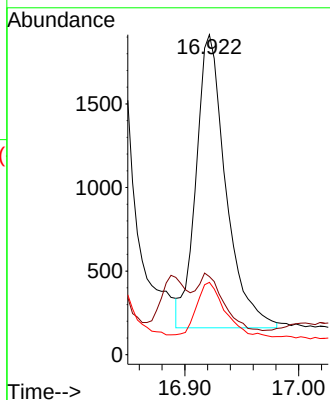
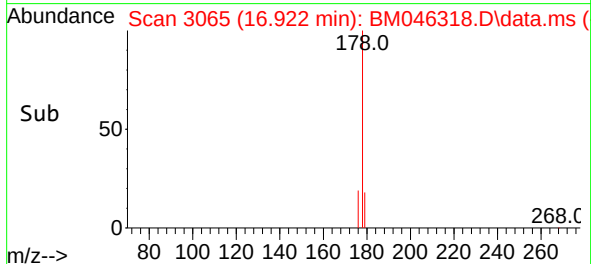
Instrument :
 BNA_M
 ClientSampleId :
 A4CP2



Tgt Ion:178 Resp: 3180
 Ion Ratio Lower Upper
 178 100
 179 24.4 14.9 22.3
 176 22.6 17.0 25.4

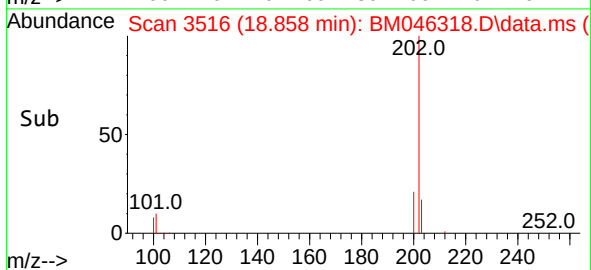
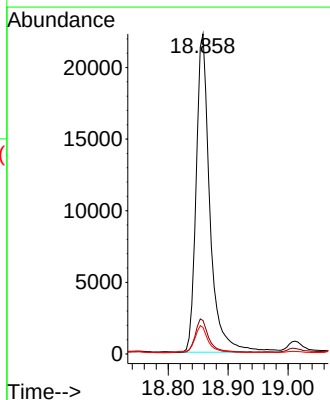
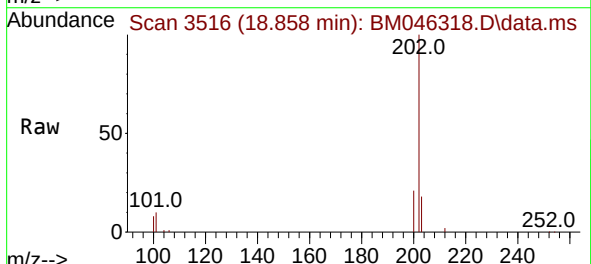
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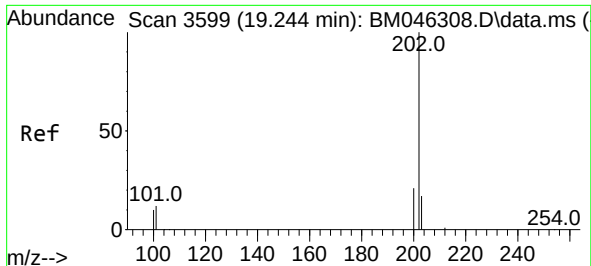
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 1.061 ng/ul
 RT: 18.858 min Scan# 3516
 Delta R.T. -0.028 min
 Lab File: BM046318.D
 Acq: 26 Jun 2024 07:53

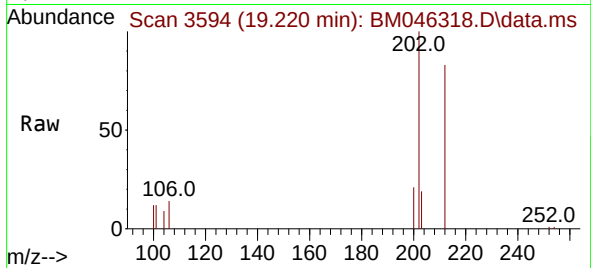
Tgt Ion:202 Resp: 35566
 Ion Ratio Lower Upper
 202 100
 101 10.4 9.6 14.4
 100 8.3 7.6 11.4





#20
Pyrene
Concen: 0.733 ng/u1
RT: 19.220 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

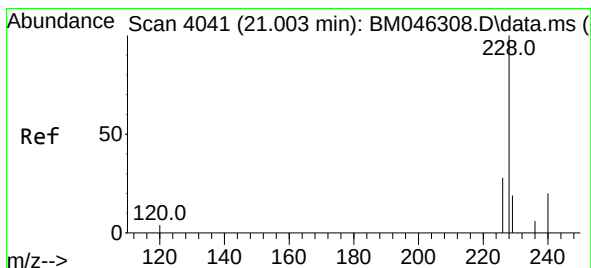
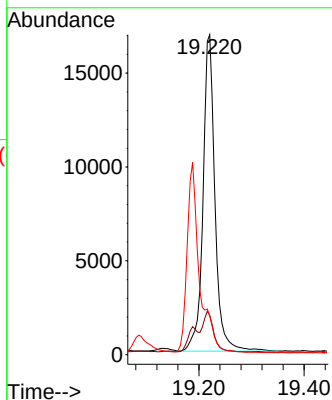
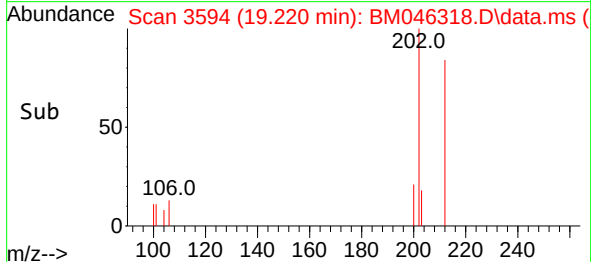
Instrument :
BNA_M
ClientSampleId :
A4CP2



Tgt Ion:202 Resp: 2660
Ion Ratio Lower Upper
202 100
101 12.2 11.3 16.9
100 12.2 9.8 14.6

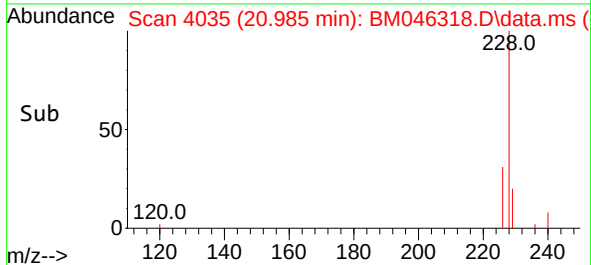
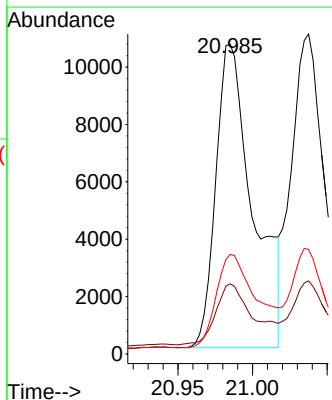
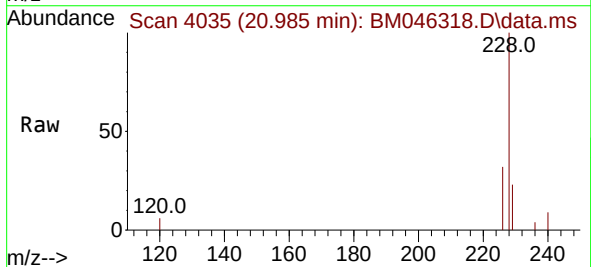
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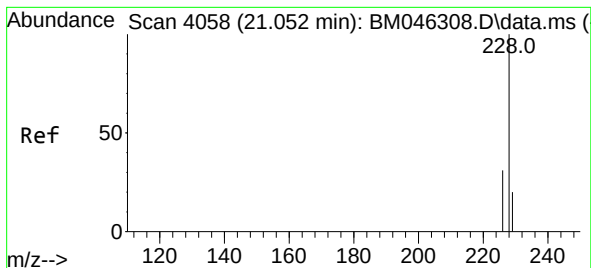
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 0.611 ng/u1
RT: 20.985 min Scan# 4035
Delta R.T. -0.018 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

Tgt Ion:228 Resp: 18269
Ion Ratio Lower Upper
228 100
229 22.6 16.4 24.6
226 32.1 23.4 35.2





#22

Chrysene

Concen: 0.461 ng/ul

RT: 21.038 min Scan# 4053

Delta R.T. -0.015 min

Lab File: BM046318.D

Acq: 26 Jun 2024 07:53

Instrument :

BNA_M

ClientSampleId :

A4CP2

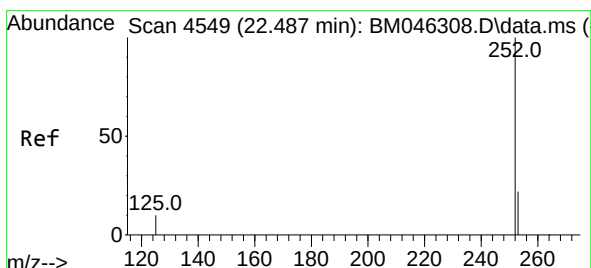
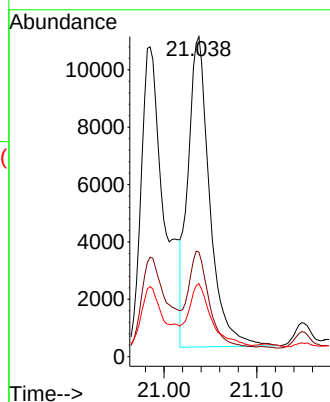
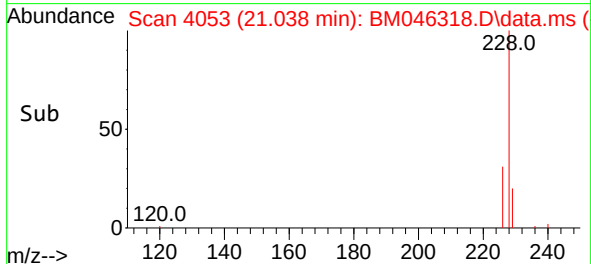
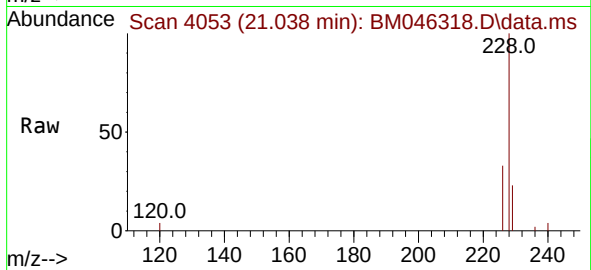
Tgt Ion:	228	Resp:	1758
Ion Ratio	Lower	Upper	
228	100		
226	32.7	25.2	37.8
229	22.9	16.3	24.5

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#24

Benzo(b)fluoranthene

Concen: 0.866 ng/ul m

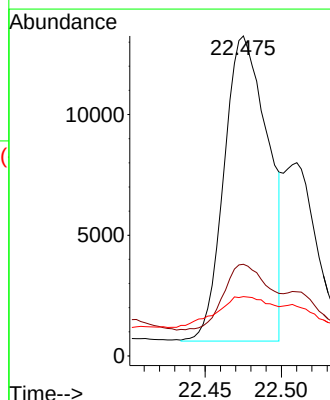
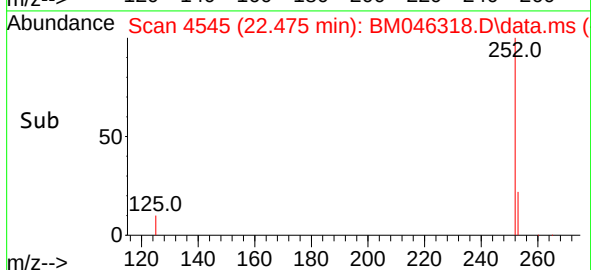
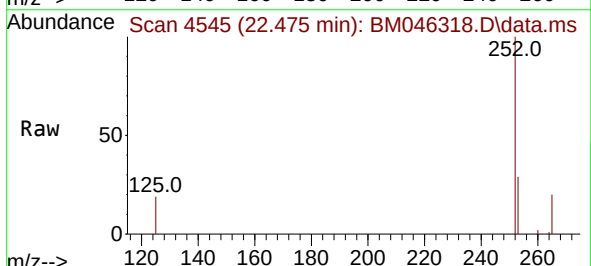
RT: 22.475 min Scan# 4545

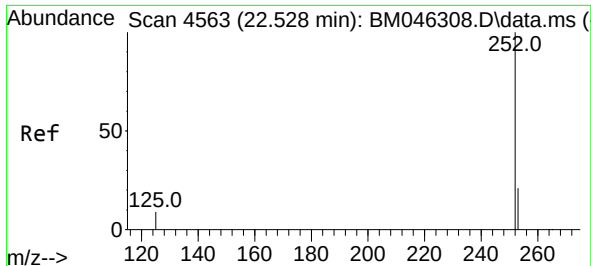
Delta R.T. -0.012 min

Lab File: BM046318.D

Acq: 26 Jun 2024 07:53

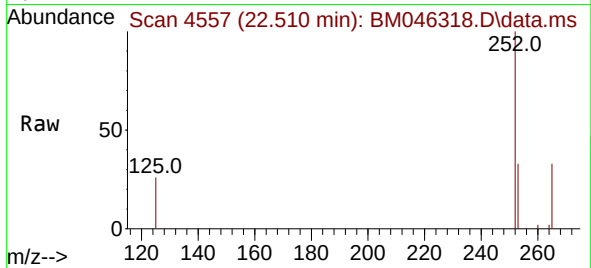
Tgt Ion:	252	Resp:	25277
Ion Ratio	Lower	Upper	
252	100		
253	28.6	0.0	65.8
125	18.5	0.0	40.2





#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul m
RT: 22.510 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

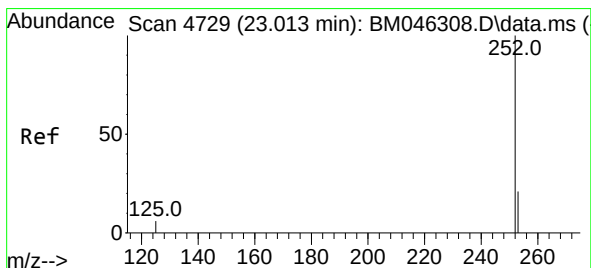
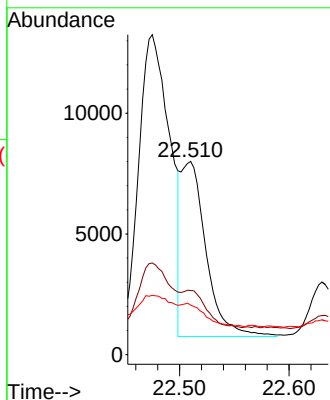
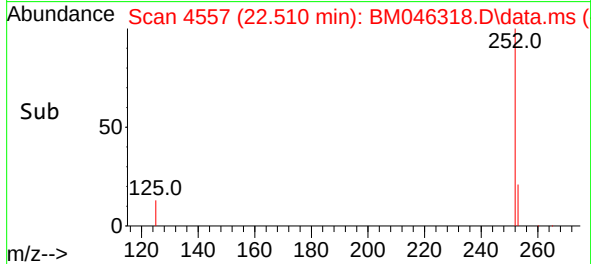
Instrument :
BNA_M
ClientSampleId :
A4CP2



Tgt Ion:252 Resp: 1156
Ion Ratio Lower Upper
252 100
253 33.2 27.2 40.8
125 25.7 16.6 25.0

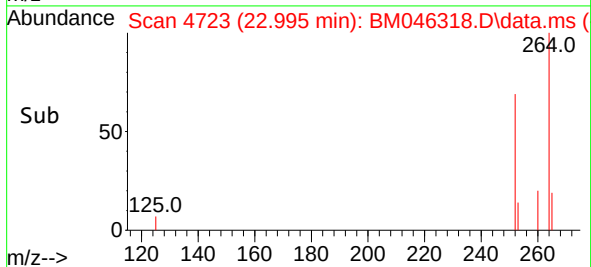
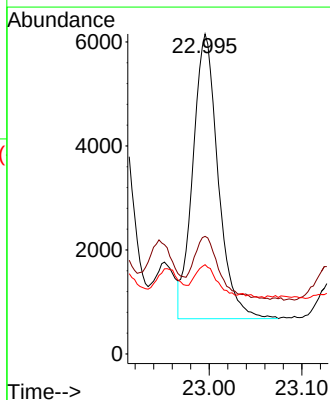
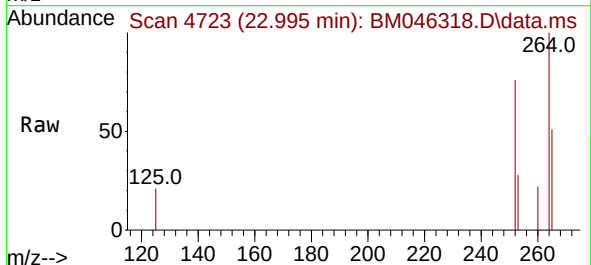
Manual Integrations
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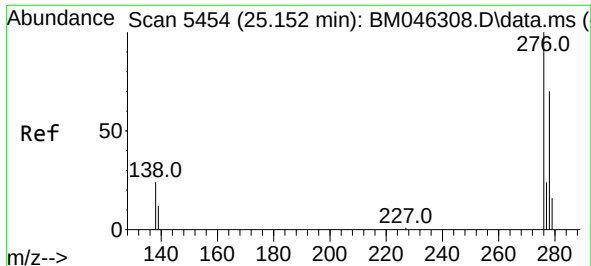
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 0.384 ng/ul
RT: 22.995 min Scan# 4723
Delta R.T. -0.018 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

Tgt Ion:252 Resp: 10379
Ion Ratio Lower Upper
252 100
253 36.8 32.1 48.1
125 27.9 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.268 ng/ul

RT: 25.128 min Scan# 5447

Delta R.T. -0.024 min

Lab File: BM046318.D

Acq: 26 Jun 2024 07:53

Instrument :

BNA_M

ClientSampleId :

A4CP2

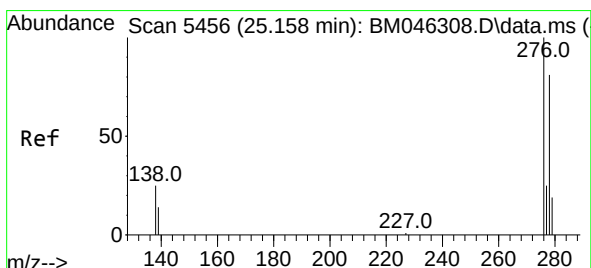
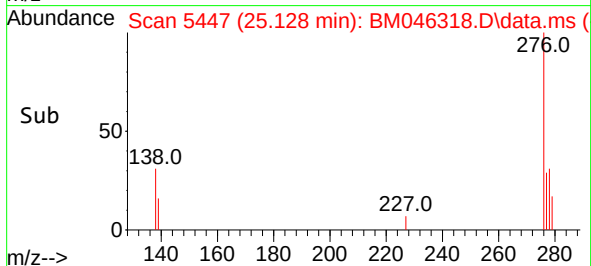
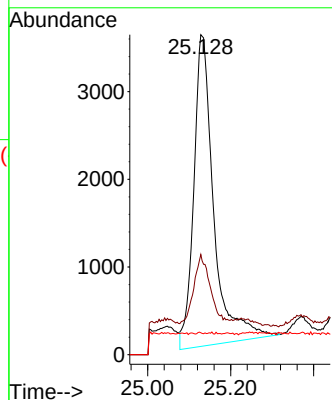
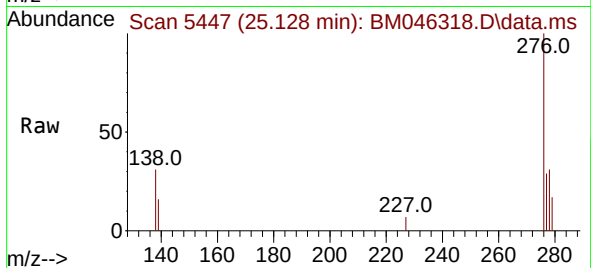
Tgt Ion:276 Resp: 11849
 Ion Ratio Lower Upper
 276 100
 138 35.6 21.0 31.4#
 227 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

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#28

Dibenzo(a,h)anthracene

Concen: 0.090 ng/ul m

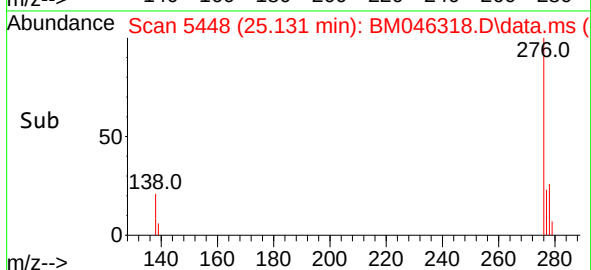
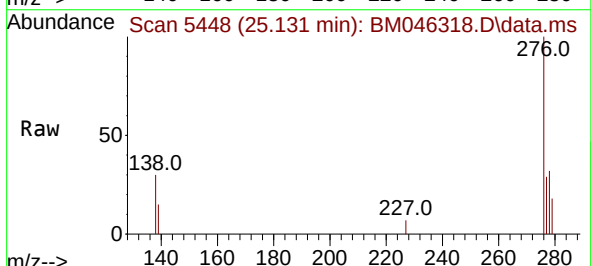
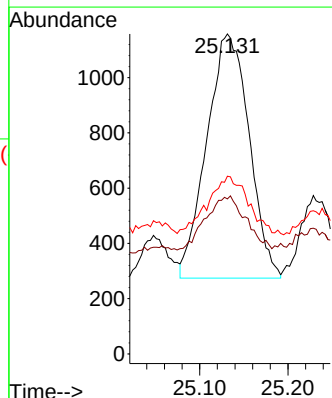
RT: 25.131 min Scan# 5448

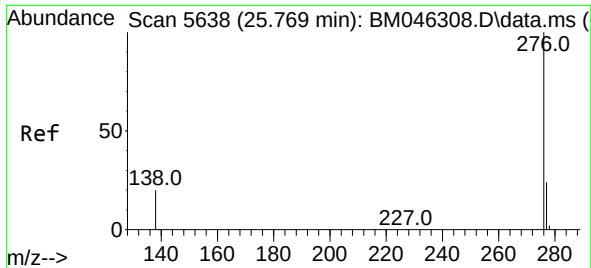
Delta R.T. -0.027 min

Lab File: BM046318.D

Acq: 26 Jun 2024 07:53

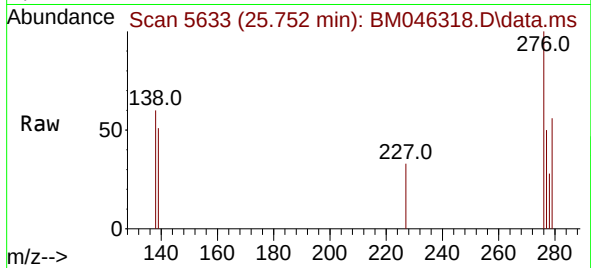
Tgt Ion:278 Resp: 2951
 Ion Ratio Lower Upper
 278 100
 139 48.4 17.6 26.4#
 279 55.5 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 25.752 min Scan# 50
Delta R.T. -0.017 min
Lab File: BM046318.D
Acq: 26 Jun 2024 07:53

Instrument :
BNA_M
ClientSampleId :
A4CP2



Tgt Ion:276 Resp: 1789
Ion Ratio Lower Upper
276 100
138 59.6 21.7 32.5
277 49.8 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

