

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046319.D
 Acq On : 26 Jun 2024 08:29
 Operator : MA/JU
 Sample : P2909-14
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CP3

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

06/26/2024
 Supervised By :mohammad
 ahmed

Quant Time: Jun 26 08:58:45 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	2474	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.161	136	7475	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.044	164	4036	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.791	188	8701m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.003	240	6646m	0.400	ng/ul	-0.01
23) Perylene-d12	23.086	264	6748m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.012	96	10068	2.966	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.789	152	2401	0.239	ng/ul	-0.05
18) Fluoranthene-d10	18.825	212	4871	0.245	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.205	128	818	0.039	ng/ul#	73
7) 2-Methylnaphthalene	11.866	142	242	0.021	ng/ul	86
10) Acenaphthylene	13.757	152	1686	0.088	ng/ul#	85
11) Acenaphthene	14.104	153	354	0.026	ng/ul#	93
12) Fluorene	15.099	166	510	0.034	ng/ul#	94
15) Phenanthrene	16.829	178	8398m	0.344	ng/ul	
16) Anthracene	16.922	178	2045m	0.112	ng/ul	
19) Fluoranthene	18.858	202	16818	0.584	ng/ul	96
20) Pyrene	19.216	202	16536	0.531	ng/ul#	95
21) Benzo(a)anthracene	20.988	228	8549m	0.333	ng/ul	
22) Chrysene	21.038	228	8038	0.245	ng/ul	94
24) Benzo(b)fluoranthene	22.472	252	12683m	0.522	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	4583m	0.159	ng/ul	
26) Benzo(a)pyrene	22.990	252	8257	0.367	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.128	276	7716	0.209	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.138	278	1386m	0.050	ng/ul	
29) Benzo(g,h,i)perylene	25.752	276	7079	0.224	ng/ul#	90

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

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ALS Vial : 80 Sample Multiplier: 1

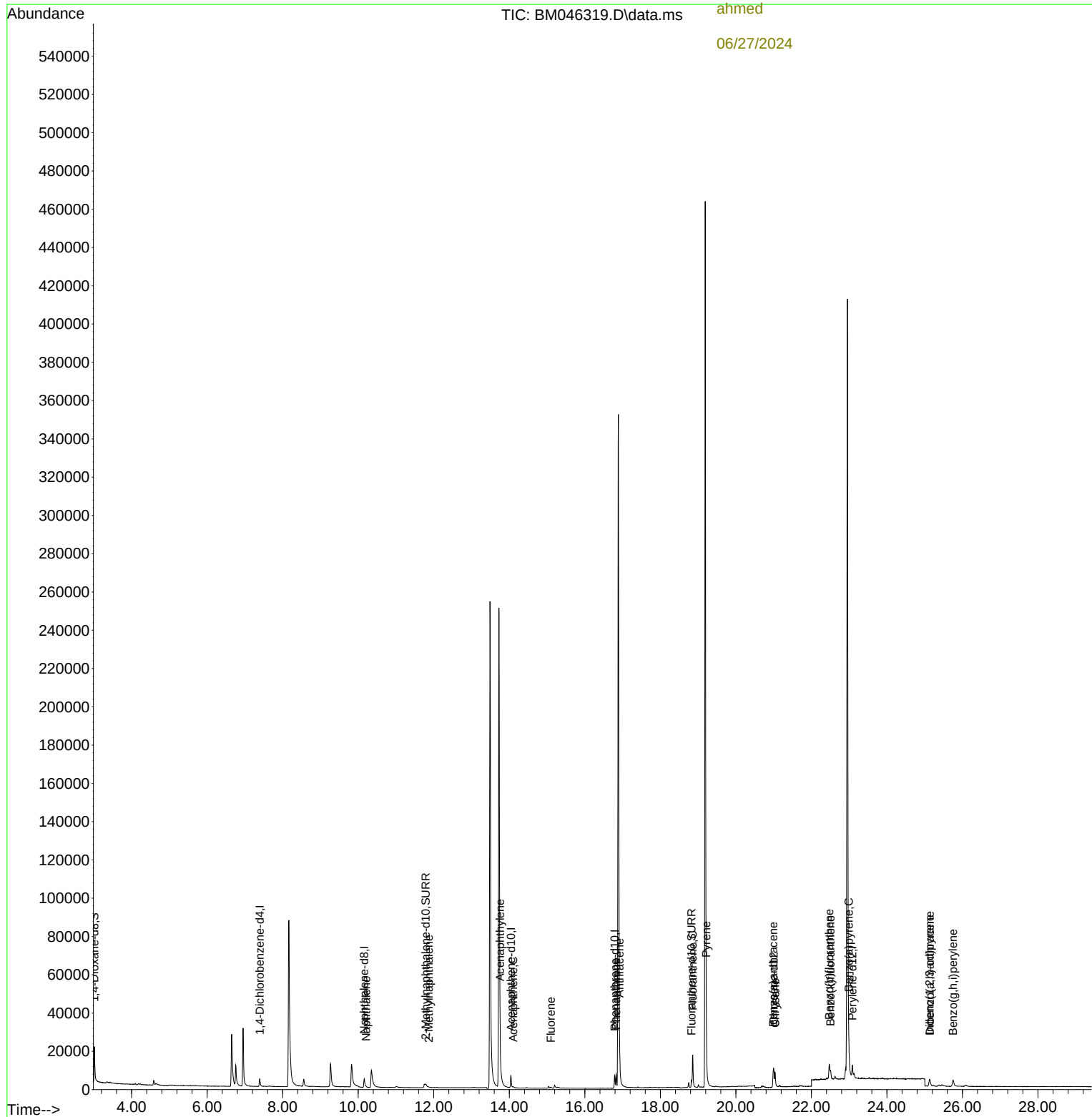
Instrument :
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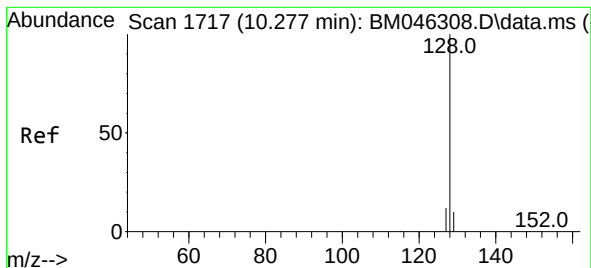
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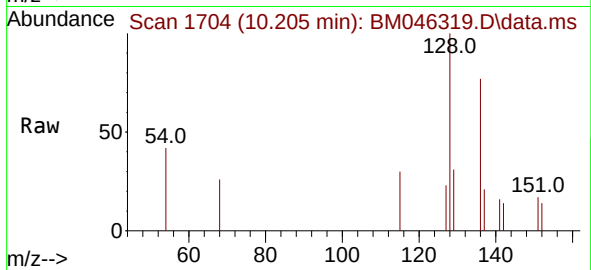
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#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.205 min Scan# 1717
Delta R.T. -0.072 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CP3



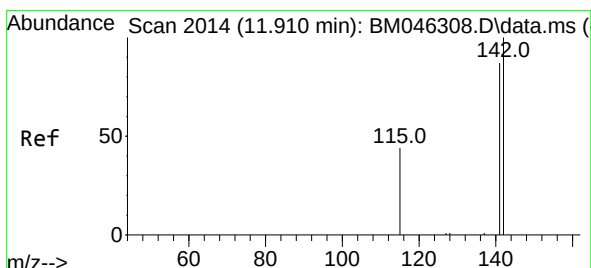
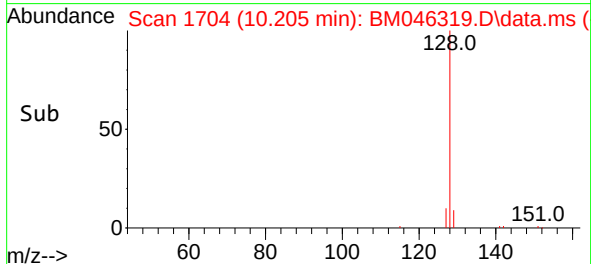
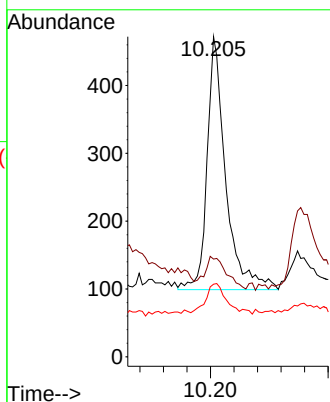
Tgt Ion:128 Resp: 818
Ion Ratio Lower Upper
128 100
129 30.5 11.8 17.6
127 22.7 12.8 19.2

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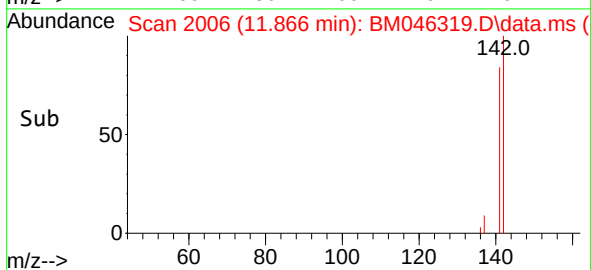
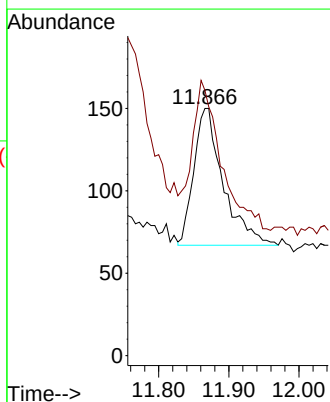
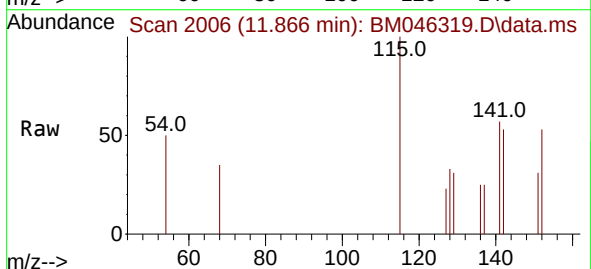
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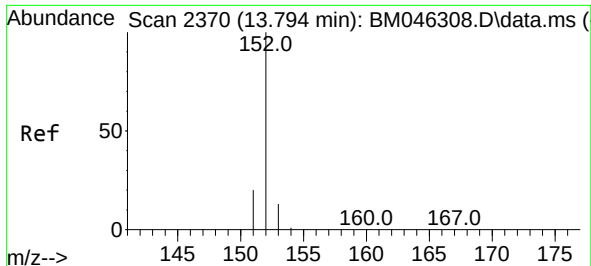
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#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.044 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

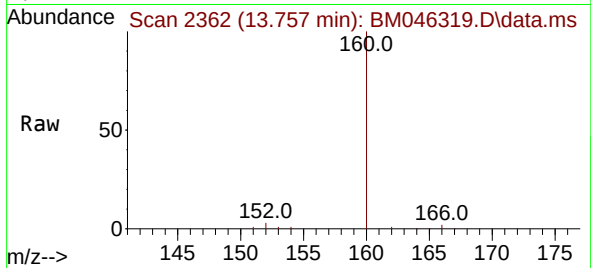
Tgt Ion:142 Resp: 242
Ion Ratio Lower Upper
142 100
141 107.0 74.6 111.8





#10
Acenaphthylene
Concen: 0.088 ng/u1
RT: 13.757 min Scan# 21
Delta R.T. -0.037 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CP3



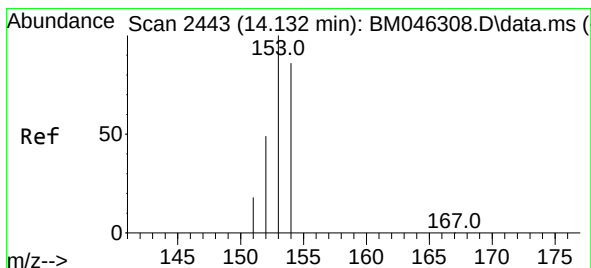
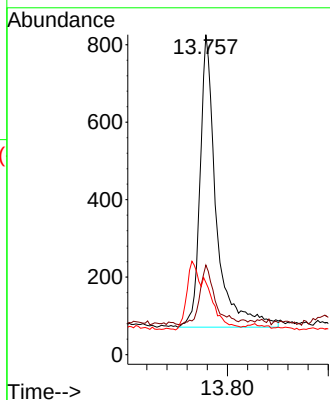
Tgt Ion:152 Resp: 1680
Ion Ratio Lower Upper
152 100
151 28.0 17.4 26.2
153 22.5 11.8 17.8

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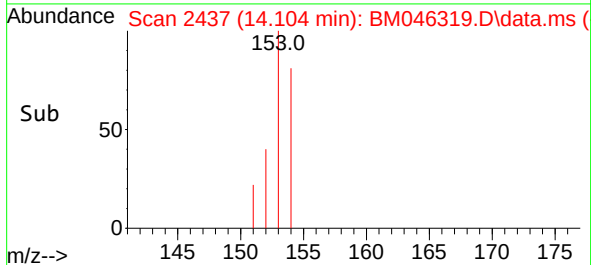
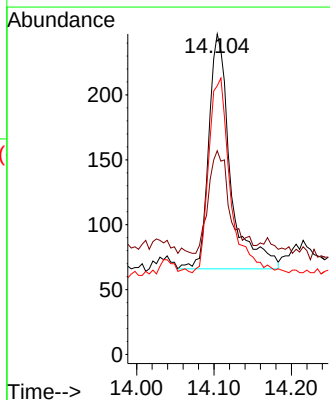
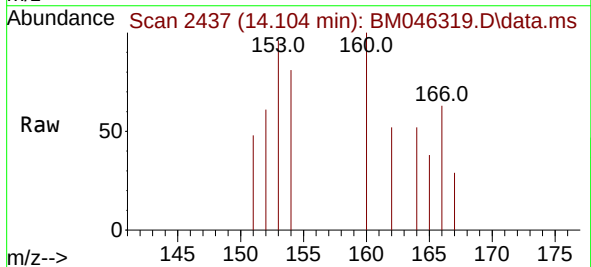
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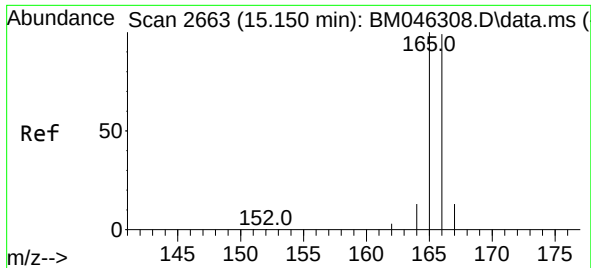
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#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.104 min Scan# 2437
Delta R.T. -0.028 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

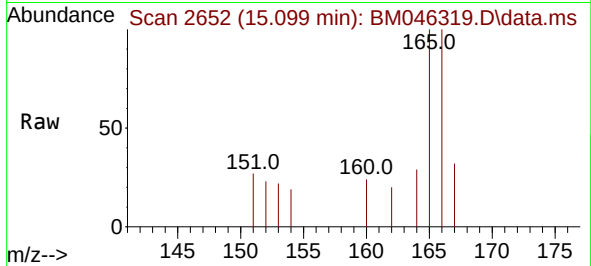
Tgt Ion:153 Resp: 354
Ion Ratio Lower Upper
153 100
152 63.6 41.3 61.9#
154 83.8 68.2 102.4





#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.099 min Scan# 2652
Delta R.T. -0.051 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CP3



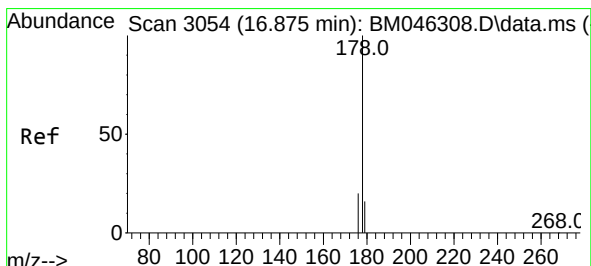
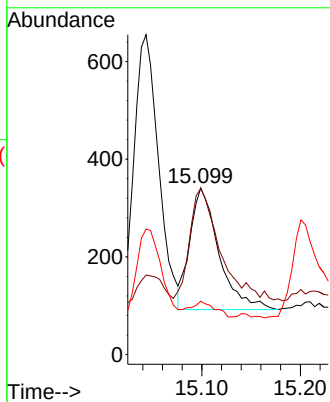
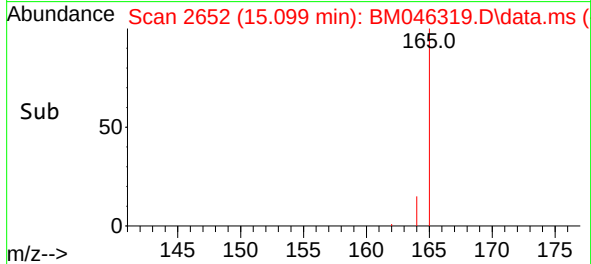
Tgt Ion:166 Resp: 510
Ion Ratio Lower Upper
166 100
165 99.7 80.4 120.6
167 32.0 12.4 18.6

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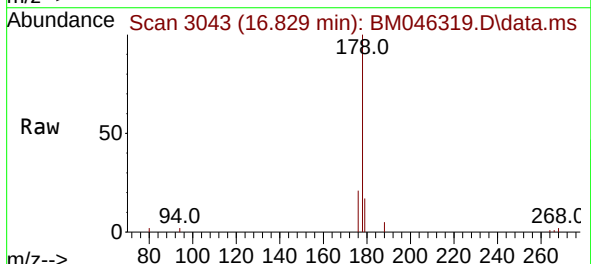
Reviewed By :Yogesh
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Supervised By :mohammad
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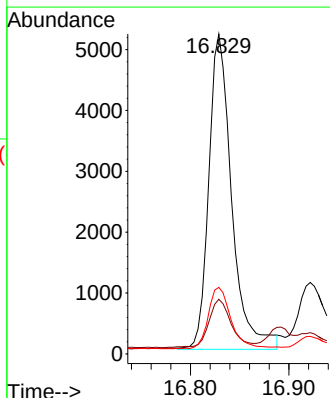
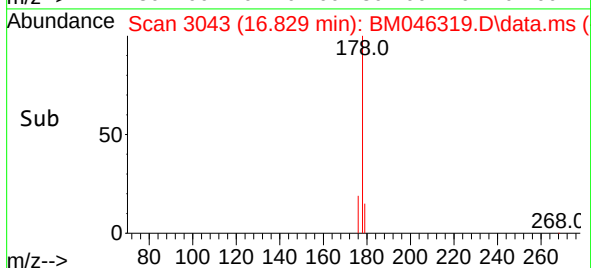
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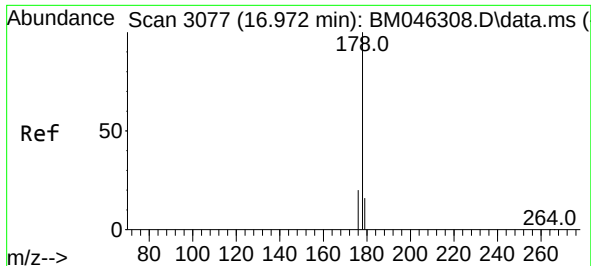


#15
Phenanthrene
Concen: 0.344 ng/ul m
RT: 16.829 min Scan# 3043
Delta R.T. -0.046 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29



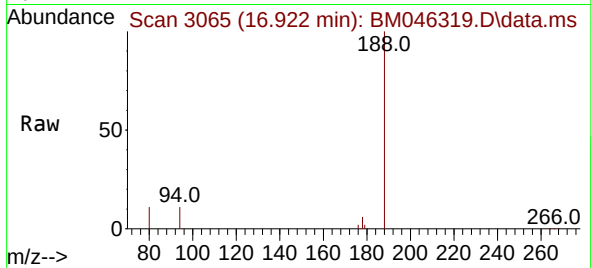
Tgt Ion:178 Resp: 8398
Ion Ratio Lower Upper
178 100
179 17.1 14.2 21.2
176 20.8 17.1 25.7





#16
 Anthracene
 Concen: 0.112 ng/ul m
 RT: 16.922 min Scan# 3077
 Delta R.T. -0.051 min
 Lab File: BM046319.D
 Acq: 26 Jun 2024 08:29

Instrument :
 BNA_M
 ClientSampleId :
 A4CP3



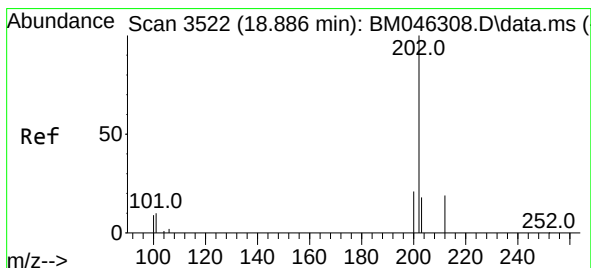
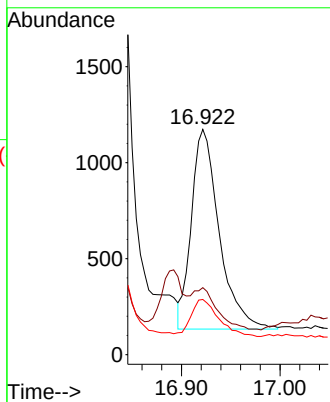
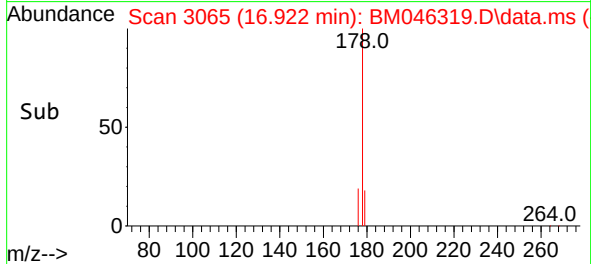
Tgt Ion:178 Resp: 2045
 Ion Ratio Lower Upper
 178 100
 179 29.7 14.9 22.3
 176 24.5 17.0 25.4

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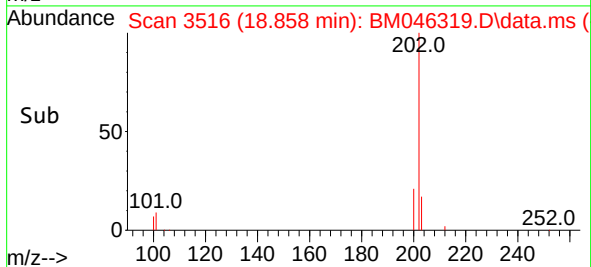
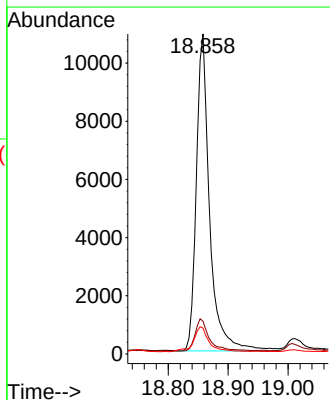
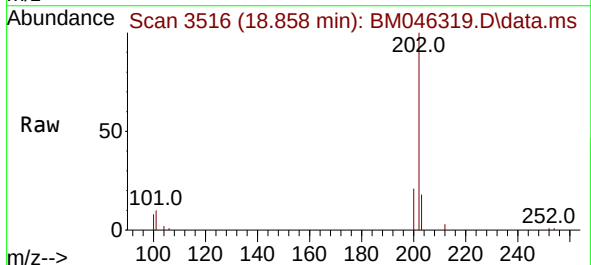
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 Supervised By :mohammad
 ahmed

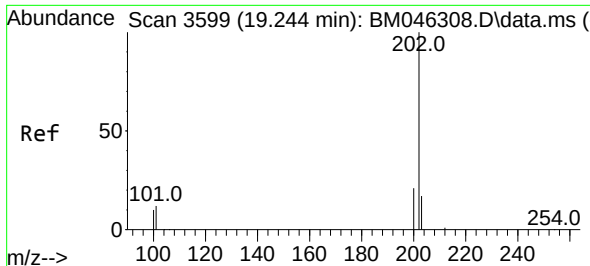
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#19
 Fluoranthene
 Concen: 0.584 ng/ul
 RT: 18.858 min Scan# 3516
 Delta R.T. -0.028 min
 Lab File: BM046319.D
 Acq: 26 Jun 2024 08:29

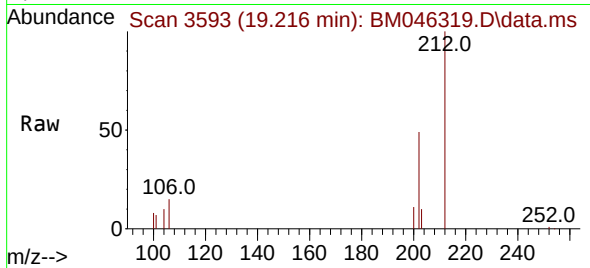
Tgt Ion:202 Resp: 16818
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.6 14.4
 100 8.1 7.6 11.4





#20
Pyrene
Concen: 0.531 ng/ul
RT: 19.216 min Scan# 3593
Delta R.T. -0.028 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

Instrument :
BNA_M
ClientSampleId :
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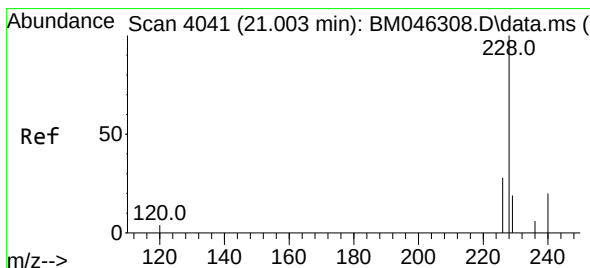
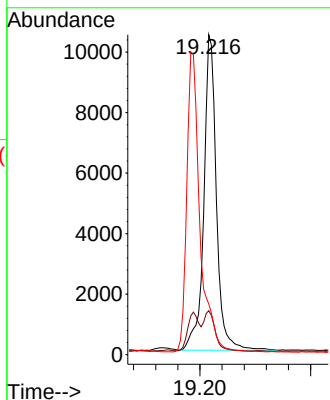
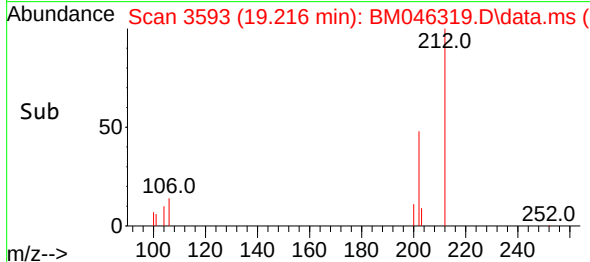
Tgt Ion:202 Resp: 16530
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 15.8 9.8 14.6

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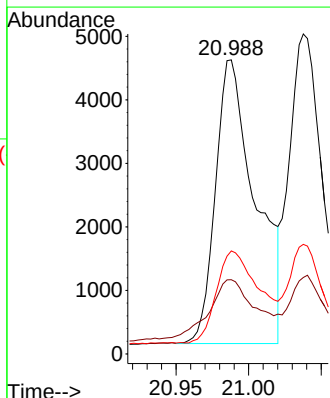
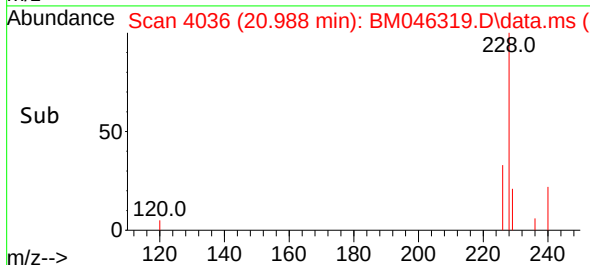
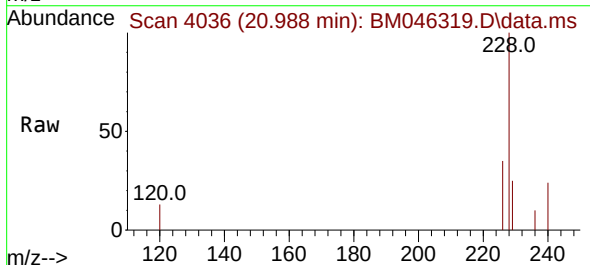
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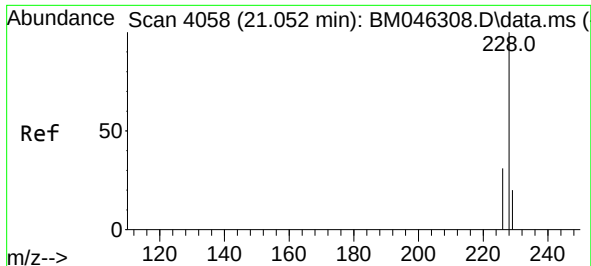
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#21
Benzo(a)anthracene
Concen: 0.333 ng/ul m
RT: 20.988 min Scan# 4036
Delta R.T. -0.015 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

Tgt Ion:228 Resp: 8549
Ion Ratio Lower Upper
228 100
229 25.3 16.4 24.6#
226 35.1 23.4 35.2





#22

Chrysene

Concen: 0.245 ng/ul

RT: 21.038 min Scan# 4058

Delta R.T. -0.015 min

Lab File: BM046319.D

Acq: 26 Jun 2024 08:29

Instrument :

BNA_M

ClientSampleId :

A4CP3

Tgt Ion:228	Resp:	8038
Ion Ratio	Lower	Upper
228	100	
226	34.2	25.2 37.8
229	23.9	16.3 24.5

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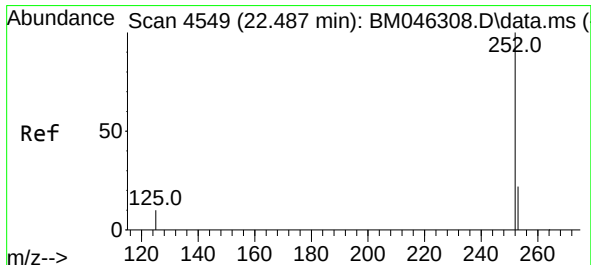
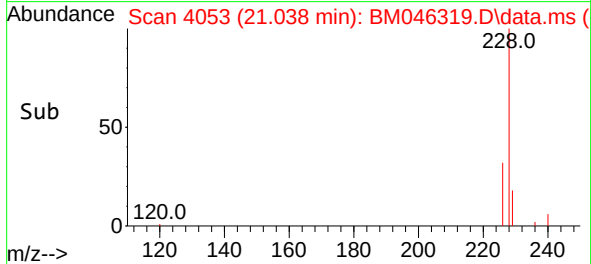
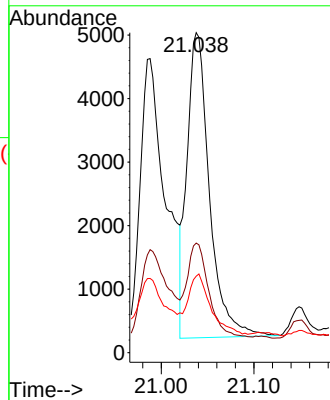
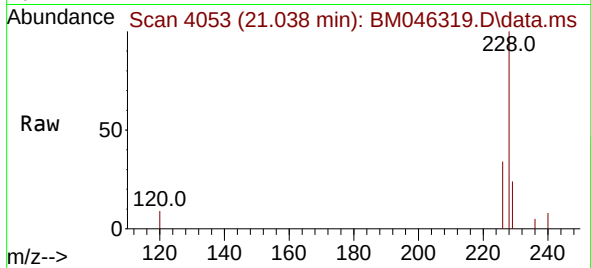
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ahmed

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#24

Benzo(b)fluoranthene

Concen: 0.522 ng/ul m

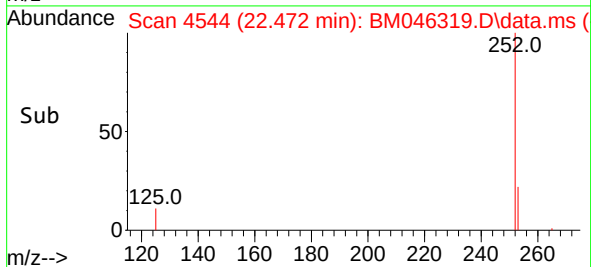
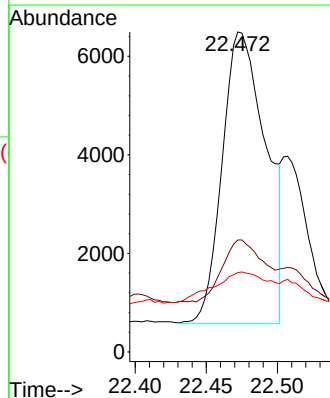
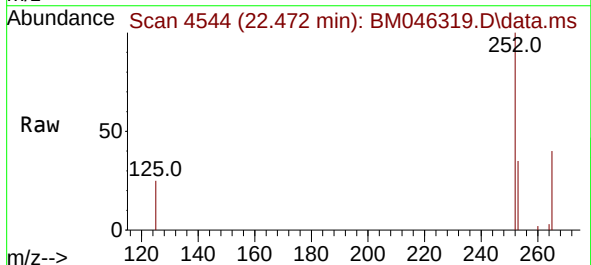
RT: 22.472 min Scan# 4544

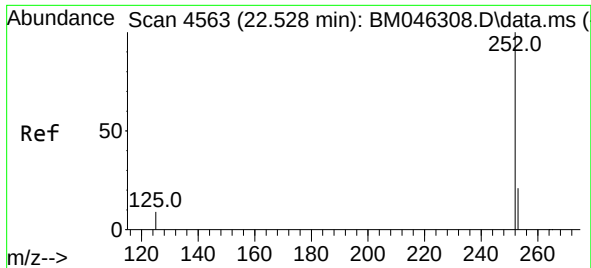
Delta R.T. -0.015 min

Lab File: BM046319.D

Acq: 26 Jun 2024 08:29

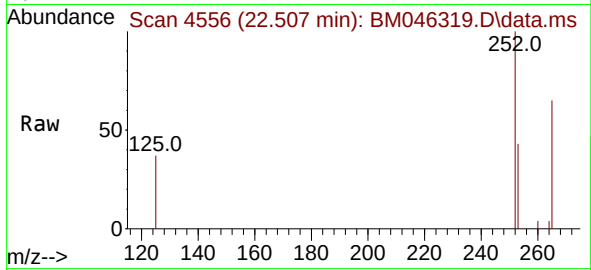
Tgt Ion:252	Resp:	12683
Ion Ratio	Lower	Upper
252	100	
253	35.0	0.0 65.8
125	24.8	0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.507 min Scan# 4556
Delta R.T. -0.020 min
Lab File: BM046319.D
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Instrument :
BNA_M
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A4CP3



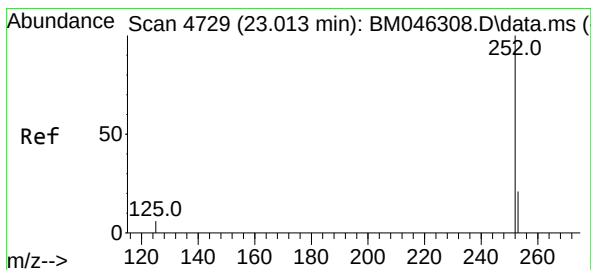
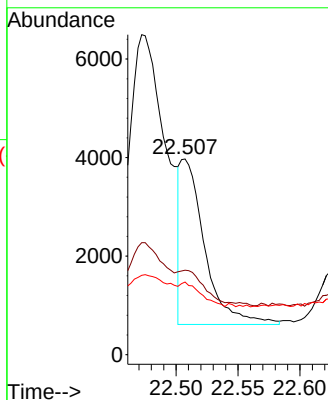
Tgt Ion:252 Resp: 4583
Ion Ratio Lower Upper
252 100
253 43.2 27.2 40.8
125 37.1 16.6 25.0

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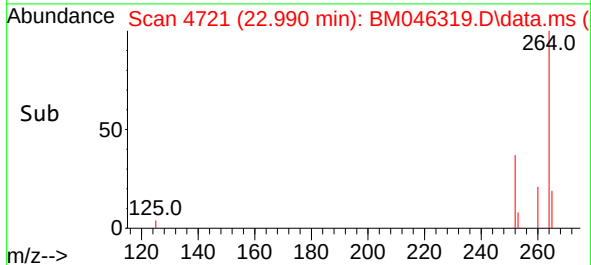
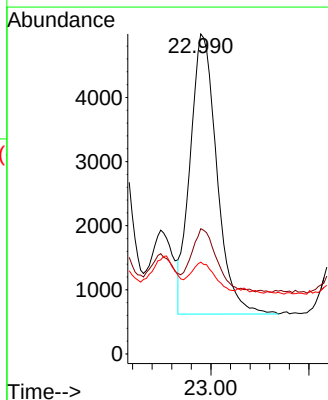
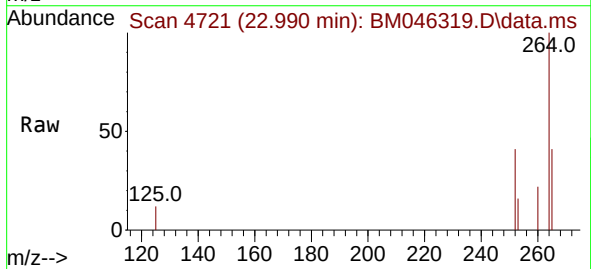
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ahmed

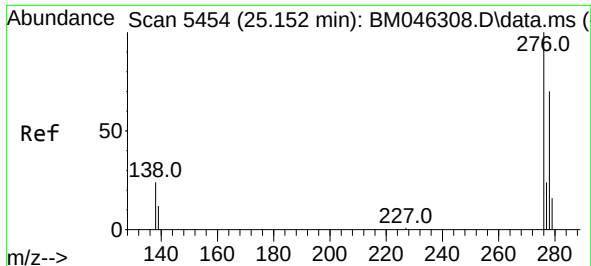
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#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 22.990 min Scan# 4721
Delta R.T. -0.023 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

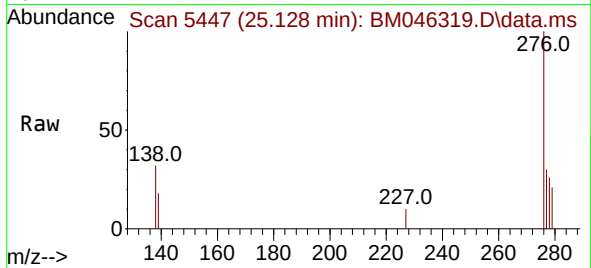
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Ion Ratio Lower Upper
252 100
253 39.1 32.1 48.1
125 28.7 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.209 ng/ul
RT: 25.128 min Scan# 5454
Delta R.T. -0.023 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CP3



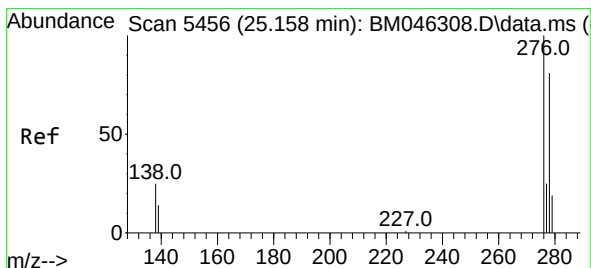
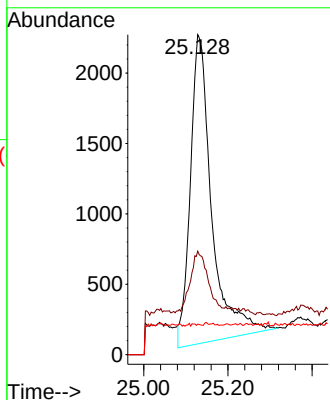
Tgt Ion:276 Resp: 7710
Ion Ratio Lower Upper
276 100
138 20.6 21.0 31.4#
227 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

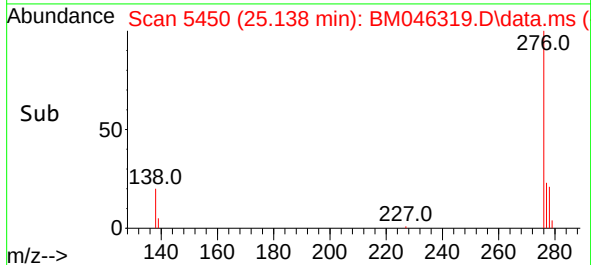
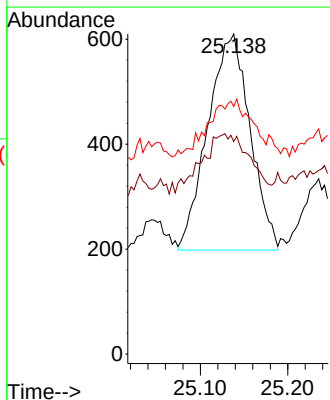
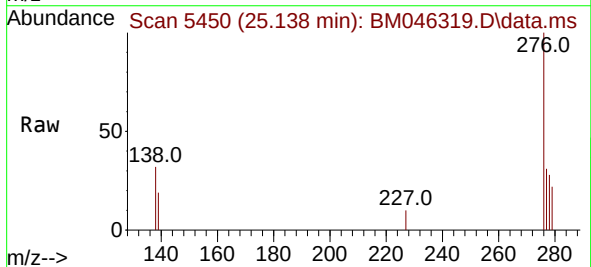
06/26/2024
Supervised By :mohammad
ahmed

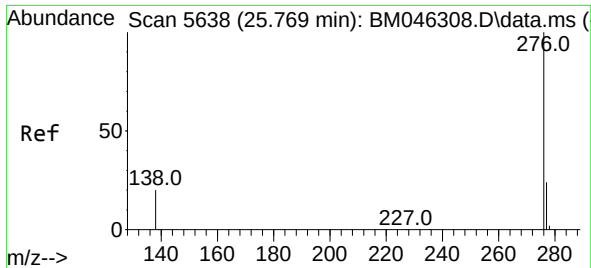
06/27/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul m
RT: 25.138 min Scan# 5450
Delta R.T. -0.020 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

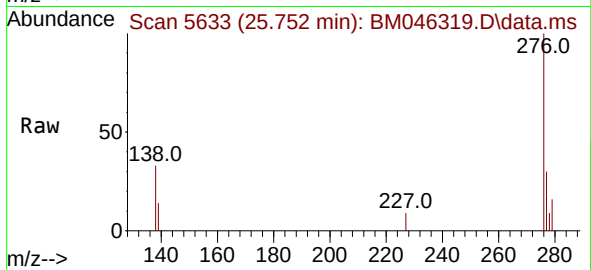
Tgt Ion:278 Resp: 1386
Ion Ratio Lower Upper
278 100
139 66.4 17.6 26.4#
279 77.4 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 25.752 min Scan# 50
Delta R.T. -0.017 min
Lab File: BM046319.D
Acq: 26 Jun 2024 08:29

Instrument :
BNA_M
ClientSampleId :
A4CP3



Tgt Ion:276 Resp: 7079
Ion Ratio Lower Upper
276 100
138 32.7 21.7 32.5
277 29.9 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

06/26/2024
Supervised By :mohammad
ahmed

06/27/2024

