

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037918.D
 Acq On : 09 Dec 2022 15:53
 Operator : CG/JU
 Sample : N5896-07 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXM5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 21:48:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	262658	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1051789	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	592764	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1173864	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	906151	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	1011119	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1596m	0.276	ng/uL	0.00
4) Pyridine-d5	3.893	84	15182m	0.885	ng/u1	0.04
7) Phenol-d5	7.234	99	41325	1.936	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	26703	2.055	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	34775	1.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	31724	1.904	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	16949	2.035	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	16675	1.911	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	30367	1.832	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	27541m	1.204	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	89769m	2.124	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	104603	2.025	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	6502m	0.903	ng/u1	0.00
60) Fluorene-d10	15.698	176	80720	2.144	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	5807	0.925	ng/u1	0.00
73) Anthracene-d10	17.551	188	141653	2.586	ng/u1	0.00
81) Pyrene-d10	19.833	212	141445	2.599	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	117671	2.330	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	74778	1.317	ng/u1	97
50) Acenaphthylene	14.439	152	104841	1.846	ng/u1	99
61) Fluorene	15.757	166	46555	1.064	ng/u1	93
72) Phenanthrene	17.492	178	245842	3.835	ng/u1	100
74) Anthracene	17.586	178	1224071	18.790	ng/u1	99
80) Fluoranthene	19.498	202	881357	13.720	ng/u1	98
82) Pyrene	19.862	202	924531	13.828	ng/u1	99
85) Benzo(a)anthracene	21.603	228	373606	6.124	ng/u1	98
87) Chrysene	21.656	228	560531	9.793	ng/u1	99
90) Benzo(b)fluoranthene	23.344	252	1165241	18.589	ng/u1	98
91) Benzo(k)fluoranthene	23.391	252	281751m	4.638	ng/u1	
93) Benzo(a)pyrene	23.997	252	473661	8.593	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.691	276	431865	6.083	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.703	278	97858	1.635	ng/u1#	83
96) Benzo(g,h,i)perylene	27.497	276	329716	5.817	ng/u1	97

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

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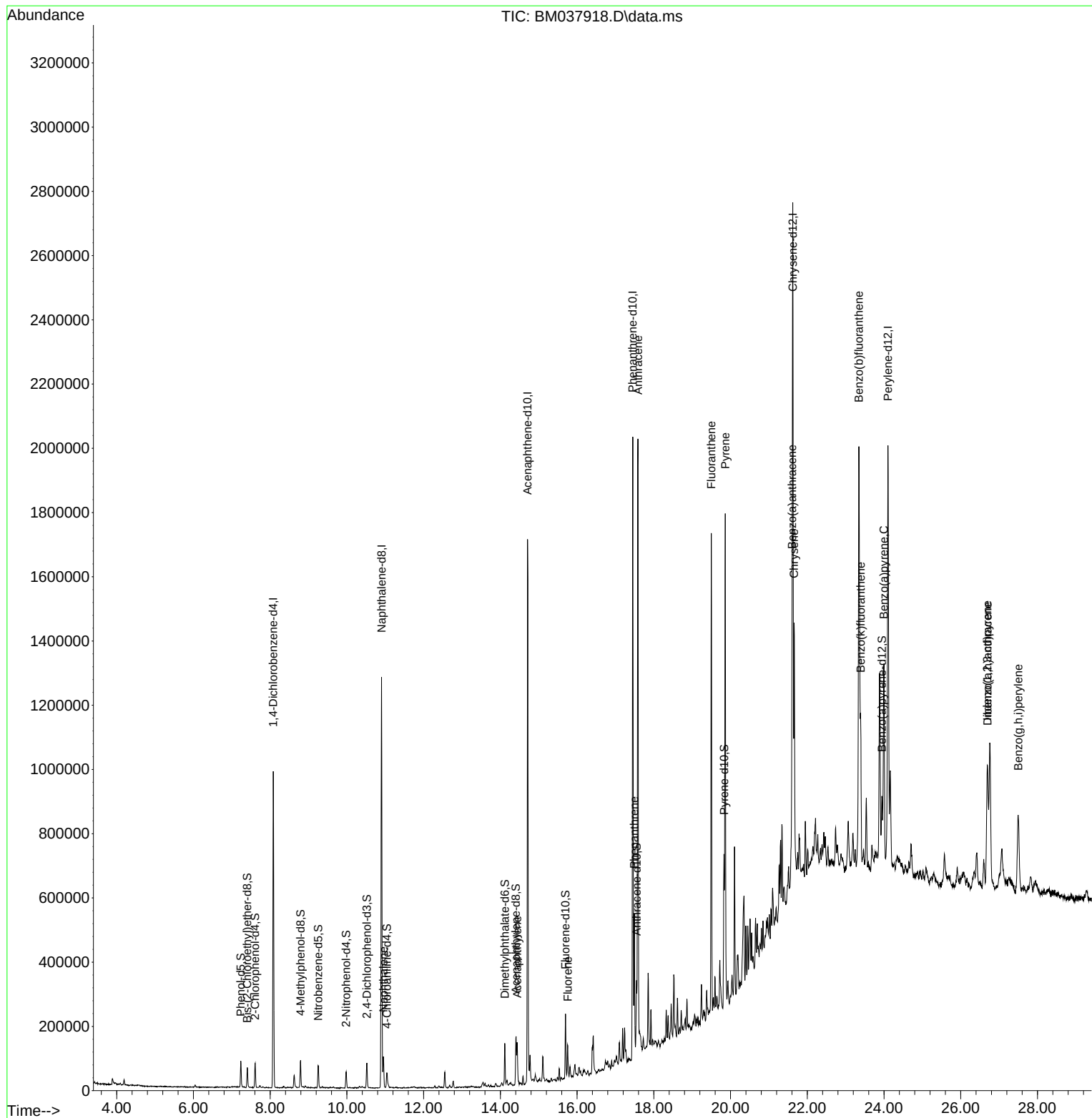
Quant Time: Dec 09 21:48:55 2022

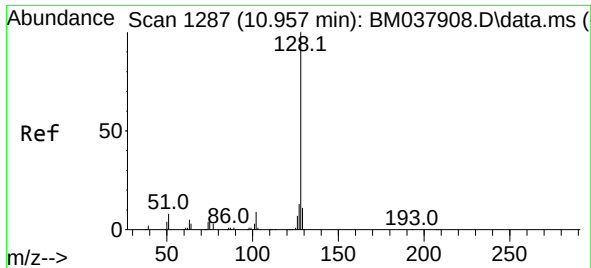
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 09 21:34:57 2022

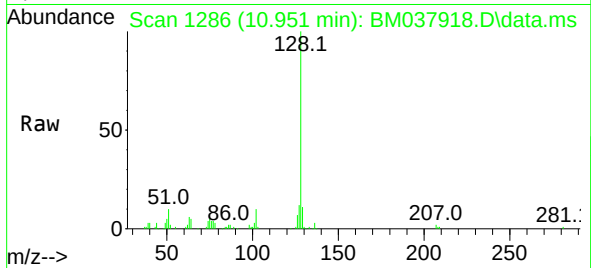
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.317 ng/ul
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53

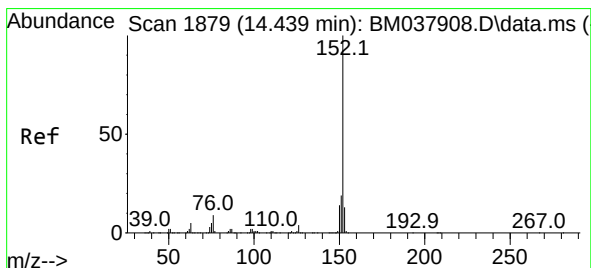
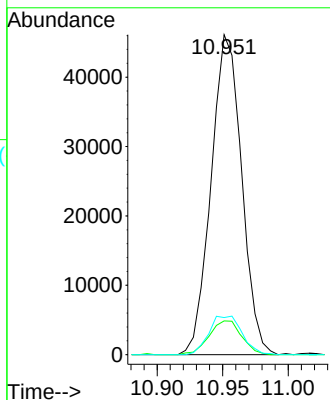
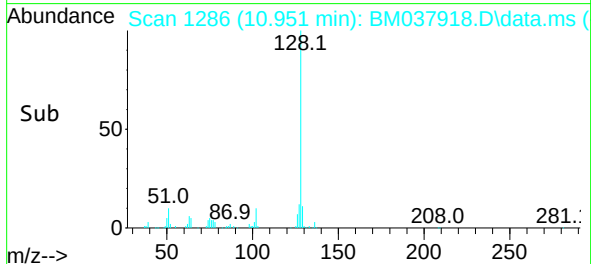
Instrument :
BNA_M
ClientSampleId :
DBXM5



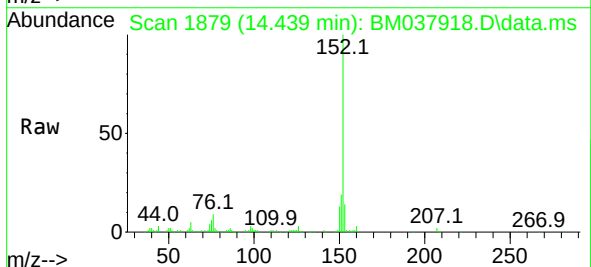
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Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 11.6 10.4 15.6

Manual Integrations
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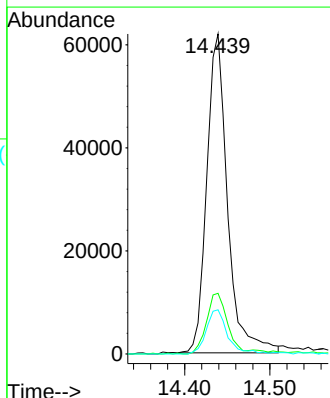
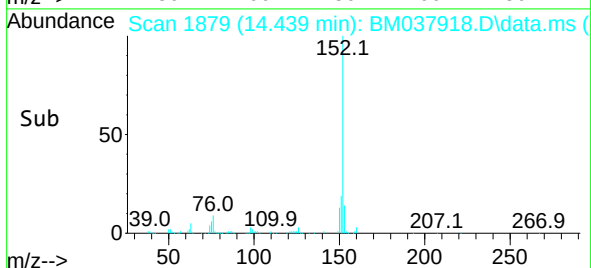
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

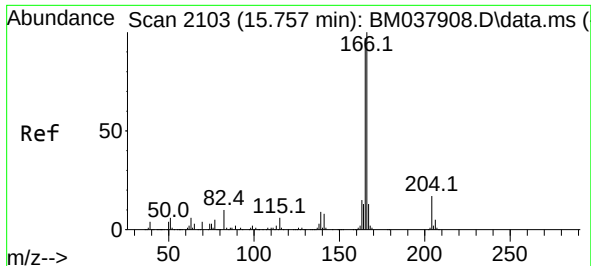


#50
Acenaphthylene
Concen: 1.846 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53



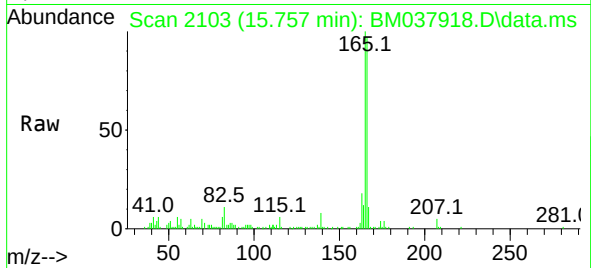
Tgt Ion:152 Resp: 104841
Ion Ratio Lower Upper
152 100
151 18.9 15.3 22.9
153 13.8 10.2 15.4





#61
Fluorene
Concen: 1.064 ng/u1
RT: 15.757 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53

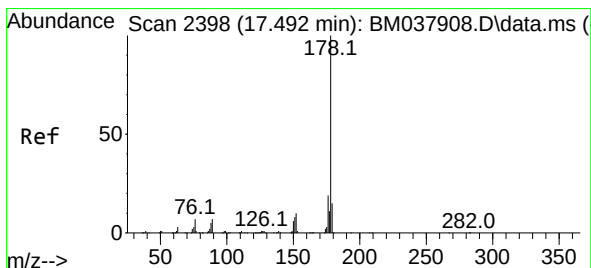
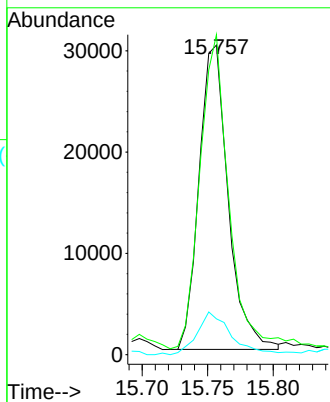
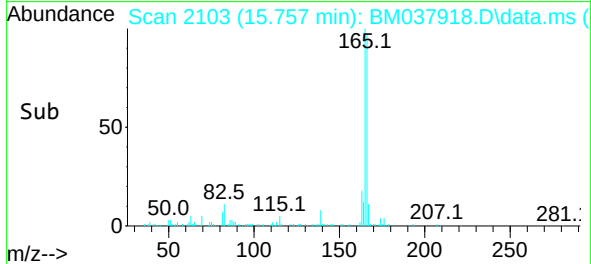
Instrument :
BNA_M
ClientSampleId :
DBXM5



Tgt Ion:166 Resp: 46558
Ion Ratio Lower Upper
166 100
165 103.3 77.2 115.8
167 11.6 10.4 15.6

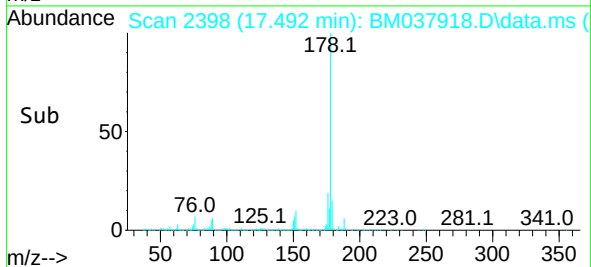
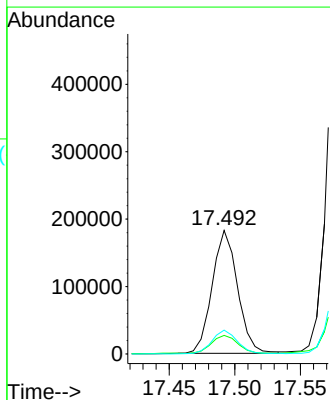
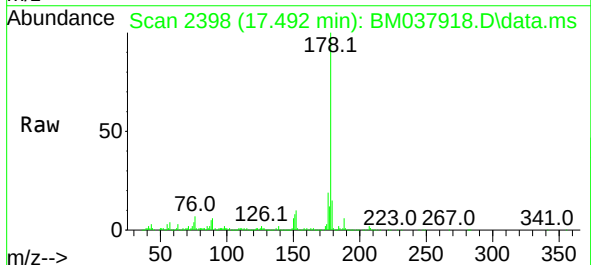
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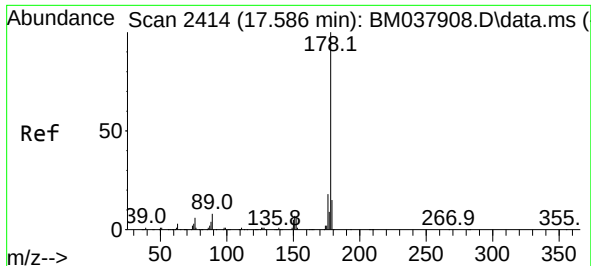
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#72
Phenanthrene
Concen: 3.835 ng/u1
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53

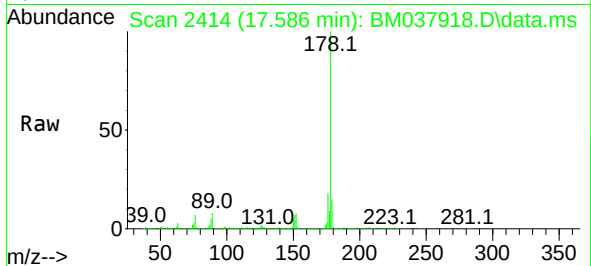
Tgt Ion:178 Resp: 245842
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 19.3 15.4 23.0





#74
 Anthracene
 Concen: 18.790 ng/u1
 RT: 17.586 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BM037918.D
 Acq: 09 Dec 2022 15:53

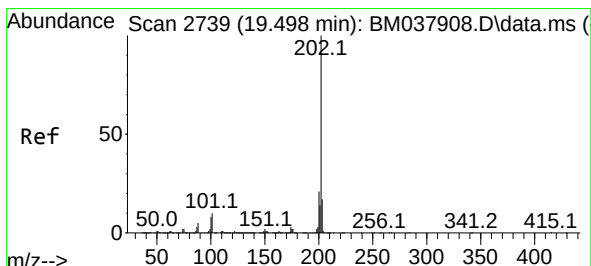
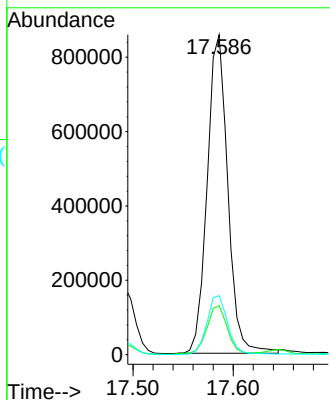
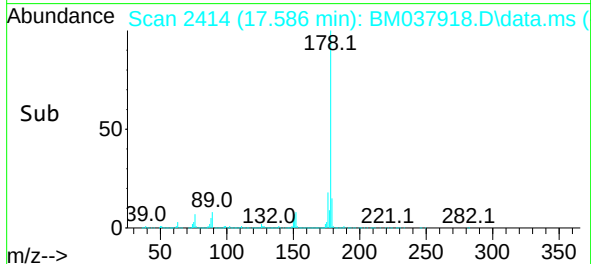
Instrument :
 BNA_M
 ClientSampleId :
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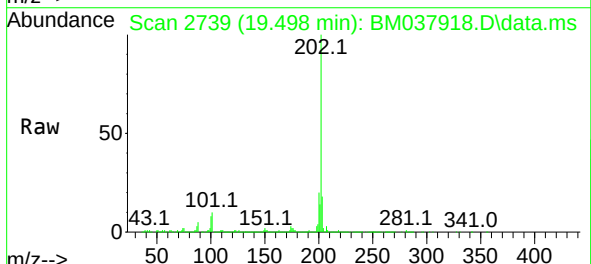
Tgt Ion:178 Resp: 122407
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.8 17.8
 176 18.5 15.0 22.6

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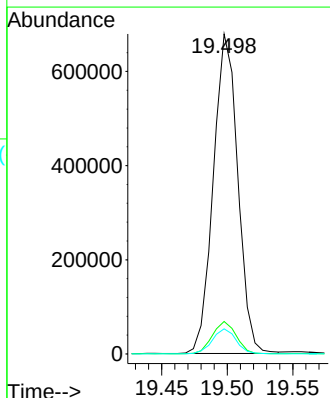
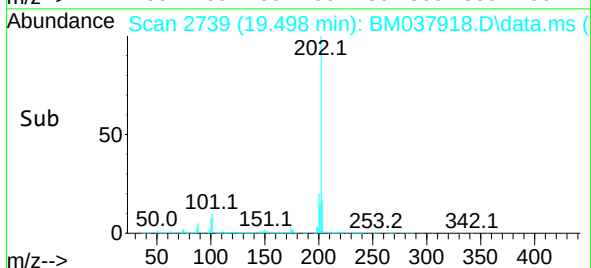
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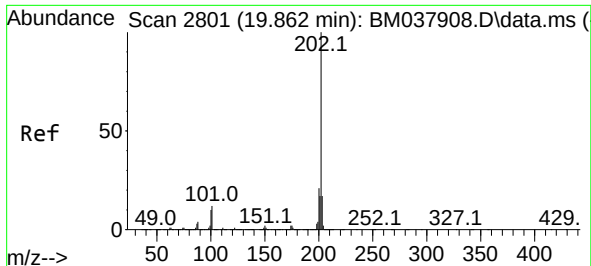


#80
 Fluoranthene
 Concen: 13.720 ng/u1
 RT: 19.498 min Scan# 2739
 Delta R.T. -0.000 min
 Lab File: BM037918.D
 Acq: 09 Dec 2022 15:53



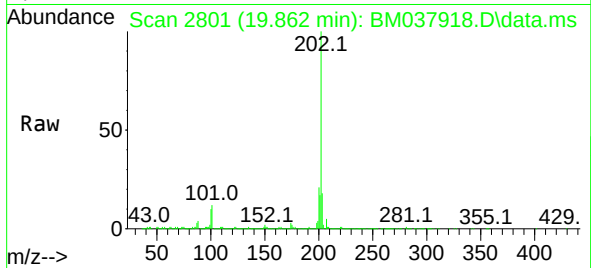
Tgt Ion:202 Resp: 881357
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.6 13.0
 100 7.8 6.6 10.0





#82
Pyrene
Concen: 13.828 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53

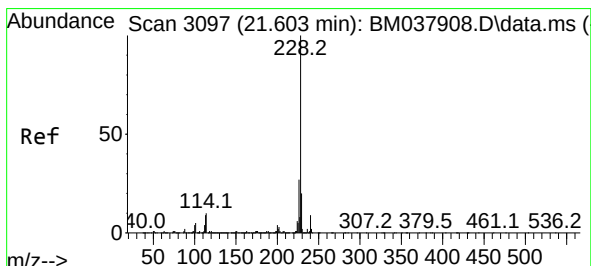
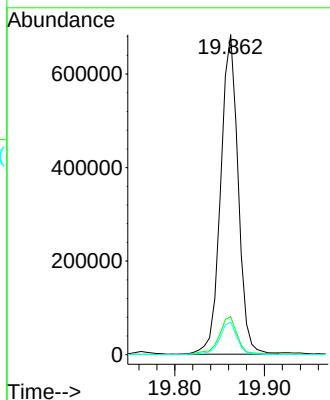
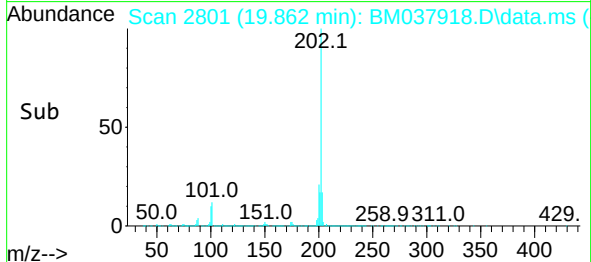
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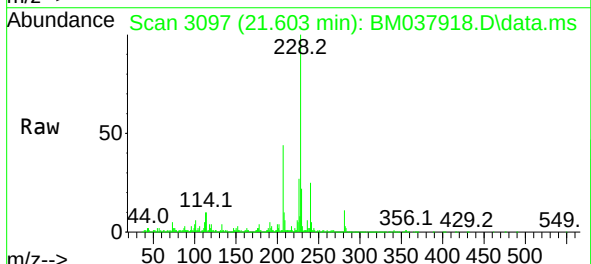
Tgt Ion:202 Resp: 92453
Ion Ratio Lower Upper
202 100
101 11.9 10.0 15.0
100 10.2 7.9 11.9

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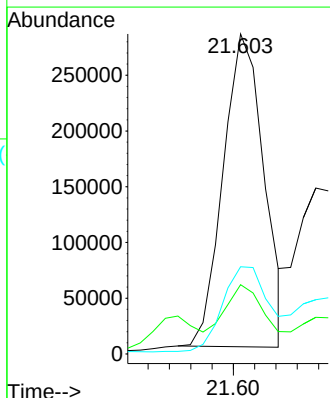
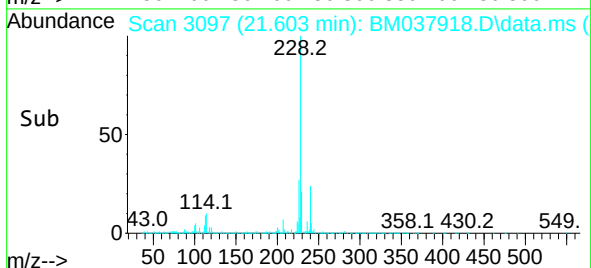
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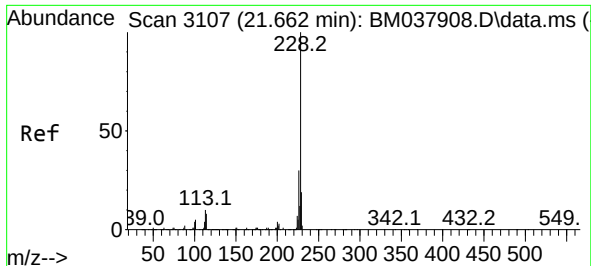


#85
Benzo(a)anthracene
Concen: 6.124 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53



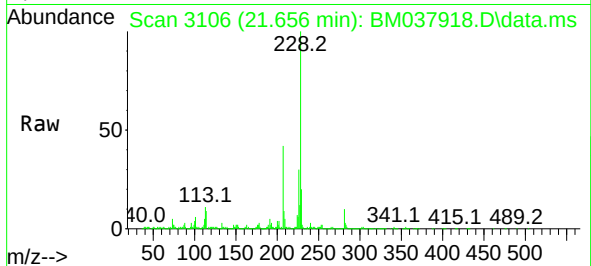
Tgt Ion:228 Resp: 373606
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 27.2 21.8 32.8





#87
Chrysene
Concen: 9.793 ng/uI
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53

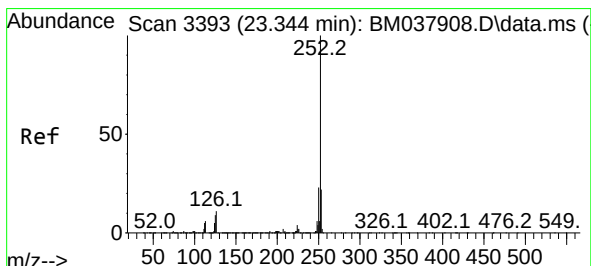
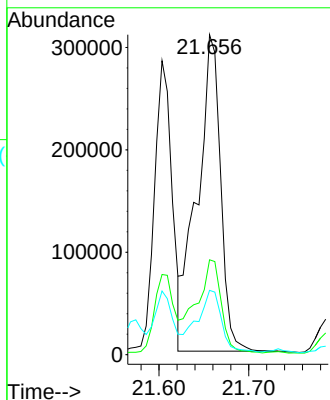
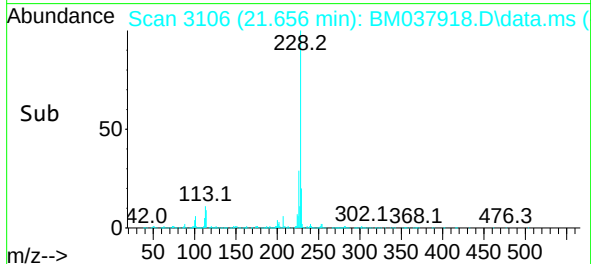
Instrument :
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Tgt Ion:228 Resp: 56053
Ion Ratio Lower Upper
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226 29.7 24.3 36.5
229 20.1 15.6 23.4

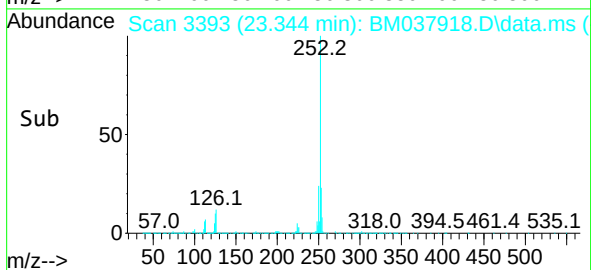
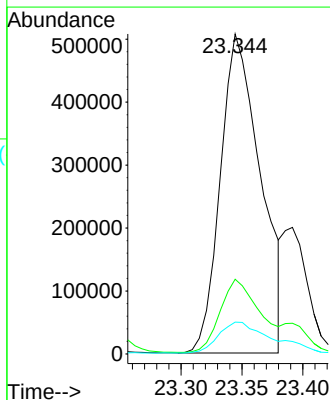
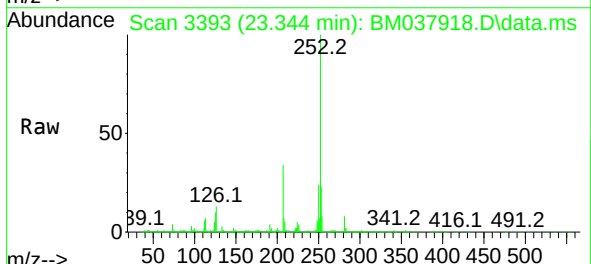
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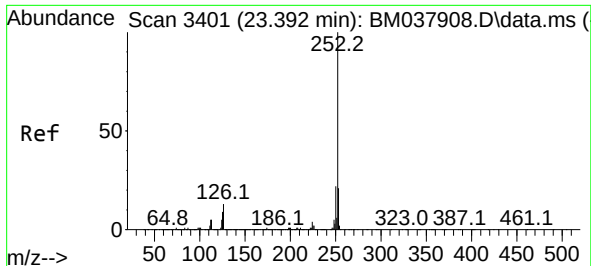
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#90
Benzo(b)fluoranthene
Concen: 18.589 ng/uI
RT: 23.344 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53

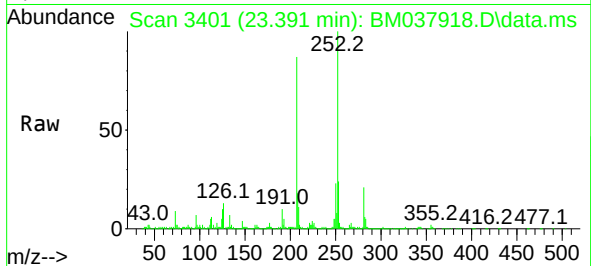
Tgt Ion:252 Resp: 1165241
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 10.0 8.0 12.0





#91
Benzo(k)fluoranthene
Concen: 4.638 ng/ul m
RT: 23.391 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53

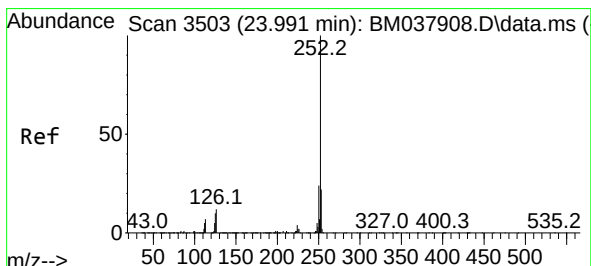
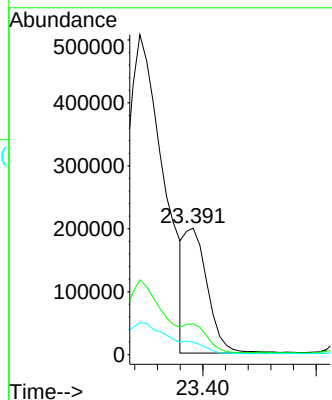
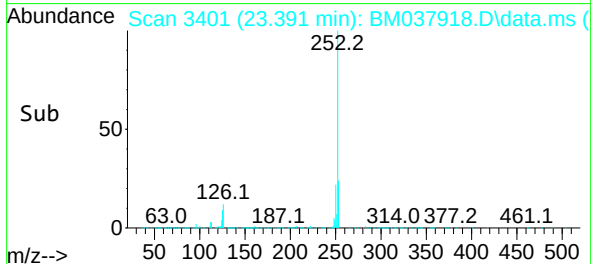
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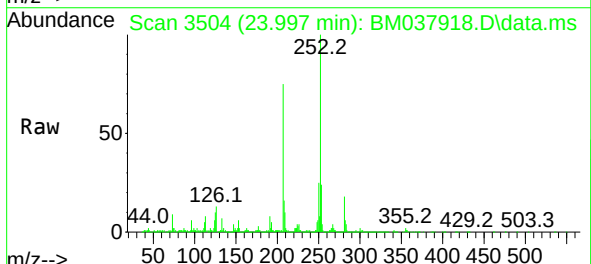
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Ion Ratio Lower Upper
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253 24.3 17.4 26.2
125 9.8 8.1 12.1

Manual Integrations
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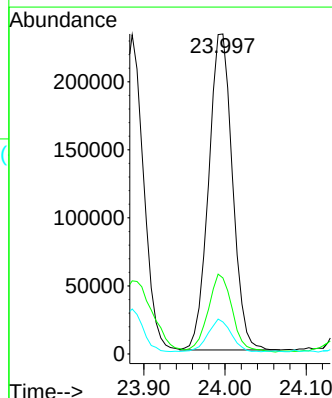
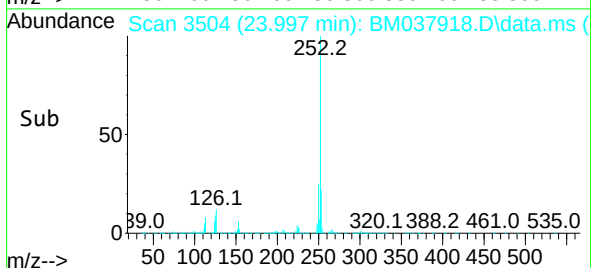
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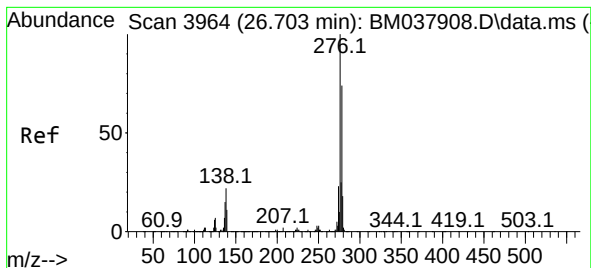


#93
Benzo(a)pyrene
Concen: 8.593 ng/ul
RT: 23.997 min Scan# 3504
Delta R.T. 0.006 min
Lab File: BM037918.D
Acq: 09 Dec 2022 15:53



Tgt Ion:252 Resp: 473661
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.0 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.083 ng/ul

RT: 26.691 min Scan# 3962

Delta R.T. -0.012 min

Lab File: BM037918.D

Acq: 09 Dec 2022 15:53

Instrument :

BNA_M

ClientSampleId :

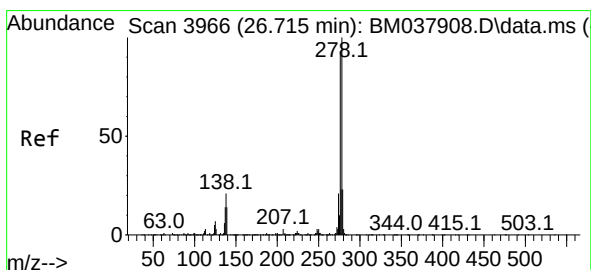
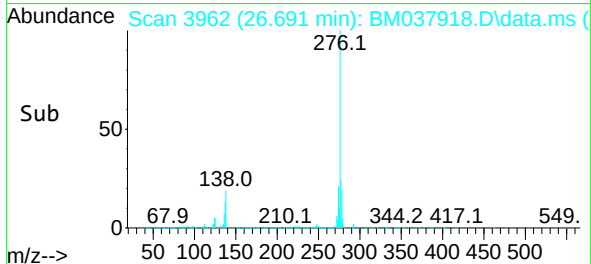
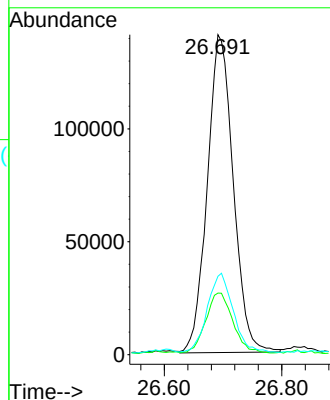
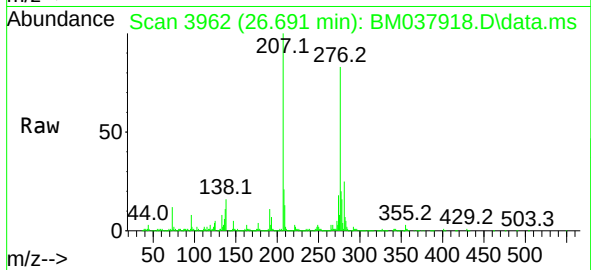
DBXM5

Tgt Ion:	276	Resp:	43186
Ion Ratio	Lower	Upper	
276	100		
138	19.3	19.3	28.9
277	24.5	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#95

Dibenzo(a,h)anthracene

Concen: 1.635 ng/ul

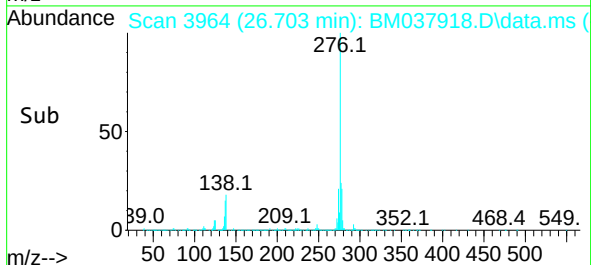
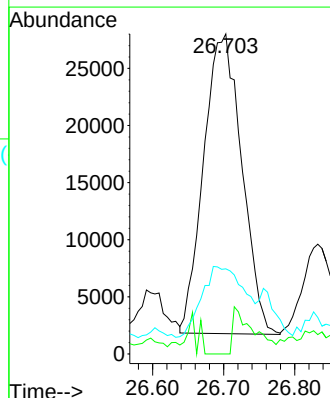
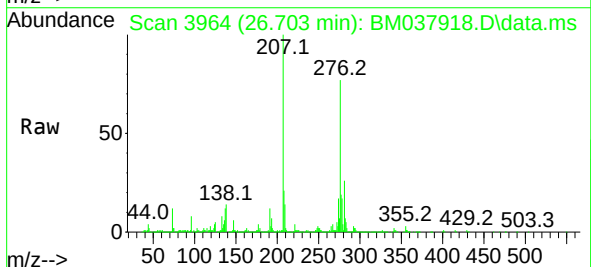
RT: 26.703 min Scan# 3964

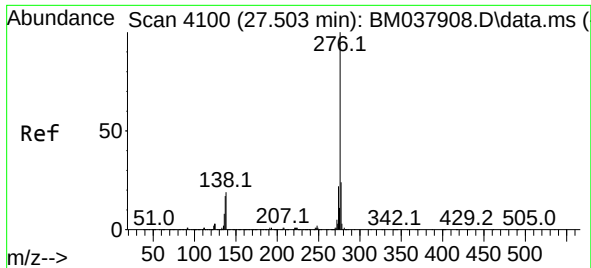
Delta R.T. -0.012 min

Lab File: BM037918.D

Acq: 09 Dec 2022 15:53

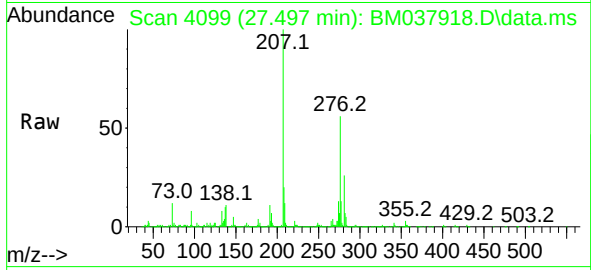
Tgt Ion:	278	Resp:	97858
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.4	18.6
279	26.6	19.8	29.6





#96
 Benzo(g,h,i)perylene
 Concen: 5.817 ng/ul
 RT: 27.497 min Scan# 4099
 Delta R.T. -0.006 min
 Lab File: BM037918.D
 Acq: 09 Dec 2022 15:53

Instrument :
 BNA_M
 ClientSampleId :
 DBXM5



Tgt Ion: 276 Resp: 329710

Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.1	25.7
277	23.2	18.2	27.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

