

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037917.D
 Acq On : 09 Dec 2022 15:16
 Operator : CG/JU
 Sample : N5896-05 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXM3

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 21:48:41 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

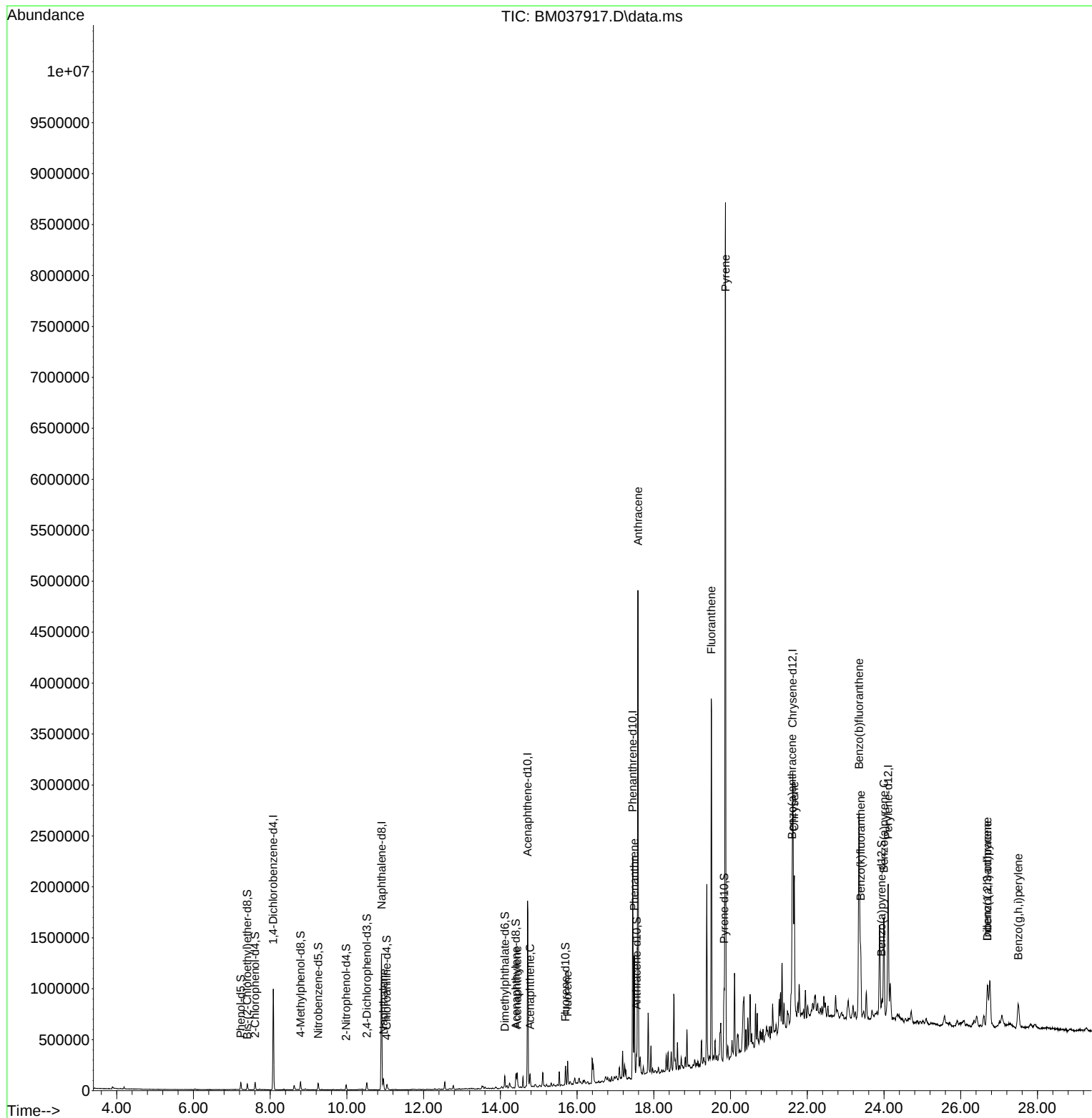
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

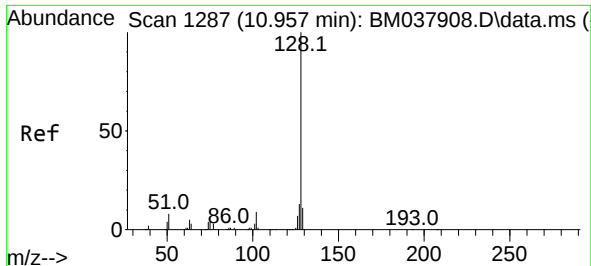
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	267835	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1101223	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	635347	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1315402	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	969847	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1061611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1689m	0.286	ng/uL	0.00
4) Pyridine-d5	3.887	84	13812m	0.789	ng/u1	0.03
7) Phenol-d5	7.234	99	37710	1.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	23595	1.780	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	32479	1.819	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	28396	1.671	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	15780	1.810	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	14725	1.612	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	27142	1.564	ng/u1	0.00
31) 4-Chloroaniline-d4	11.039	131	28127	1.174	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	84003	1.855	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	96275	1.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	7114m	0.922	ng/u1	0.00
60) Fluorene-d10	15.698	176	76094	1.886	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	6916	0.983	ng/u1	0.00
73) Anthracene-d10	17.551	188	130698	2.129	ng/u1	0.00
81) Pyrene-d10	19.833	212	129469	2.222	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	106219	2.003	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.951	128	85793	1.444	ng/u1	99
50) Acenaphthylene	14.439	152	121779	2.001	ng/u1	99
52) Acenaphthene	14.774	153	48961	1.163	ng/u1	96
61) Fluorene	15.751	166	104749	2.234	ng/u1	98
72) Phenanthrene	17.492	178	696706	9.699	ng/u1	100
74) Anthracene	17.586	178	2918986	39.985	ng/u1	99
80) Fluoranthene	19.498	202	2150370	31.275	ng/u1	100
82) Pyrene	19.868	202	5268359	73.624	ng/u1	99
85) Benzo(a)anthracene	21.603	228	630869	9.662	ng/u1	97
87) Chrysene	21.662	228	1131965m	18.478	ng/u1	
90) Benzo(b)fluoranthene	23.350	252	1903852	28.927	ng/u1	98
91) Benzo(k)fluoranthene	23.392	252	338312m	5.304	ng/u1	
93) Benzo(a)pyrene	23.997	252	771973	13.338	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	439179	5.892	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.697	278	108596	1.728	ng/u1#	85
96) Benzo(g,h,i)perylene	27.497	276	329169	5.531	ng/u1	98

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

Manual Integrations

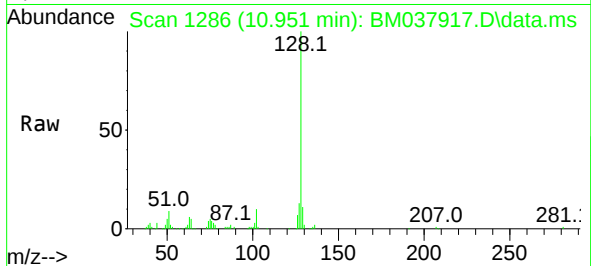
Quant Time: Dec 09 21:48:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.444 ng/ul
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

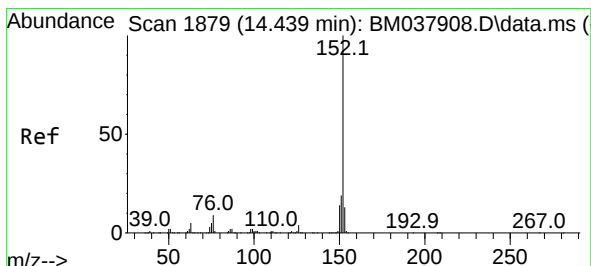
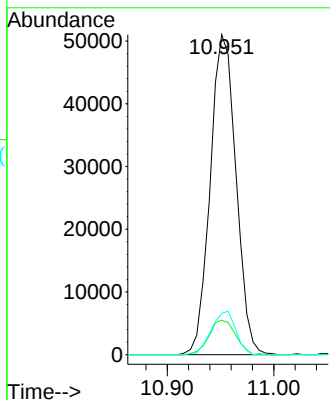
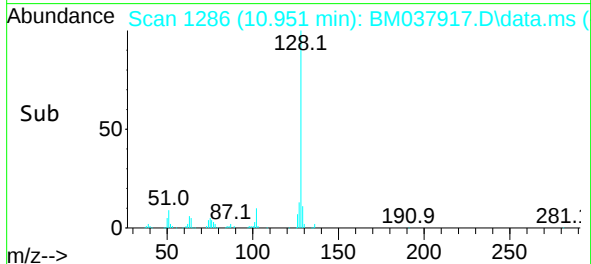
Instrument :
BNA_M
ClientSampleId :
DBXM3



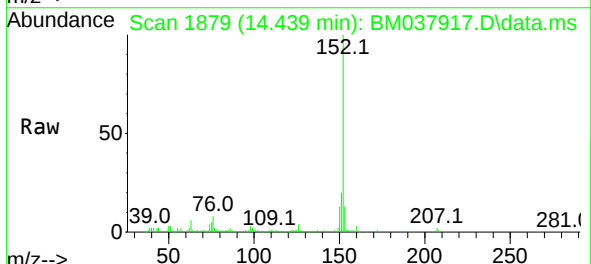
Tgt Ion:128 Resp: 8579
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.4 15.6

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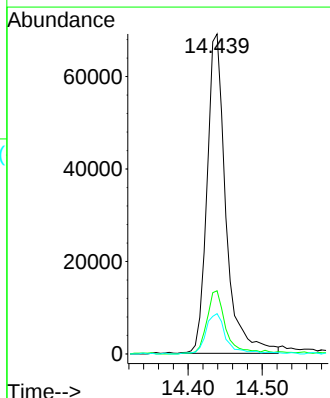
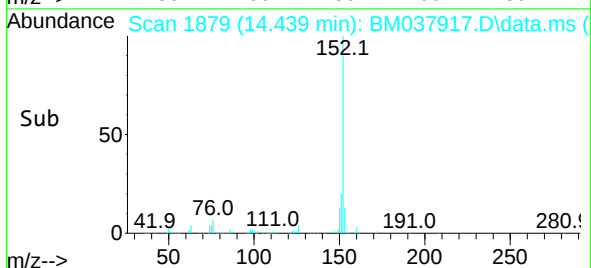
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

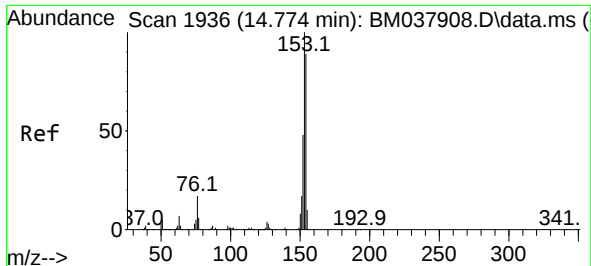


#50
Acenaphthylene
Concen: 2.001 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16



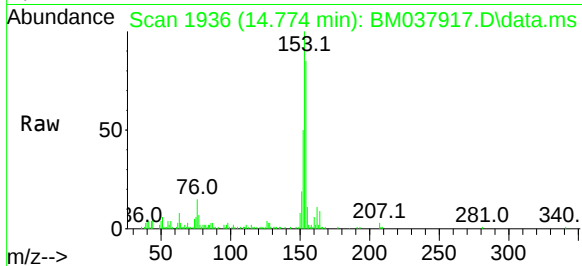
Tgt Ion:152 Resp: 121779
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 12.6 10.2 15.4





#52
Acenaphthene
Concen: 1.163 ng/uI
RT: 14.774 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

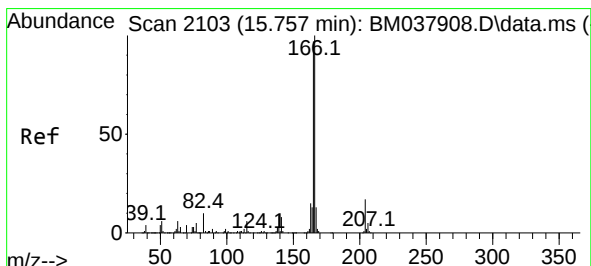
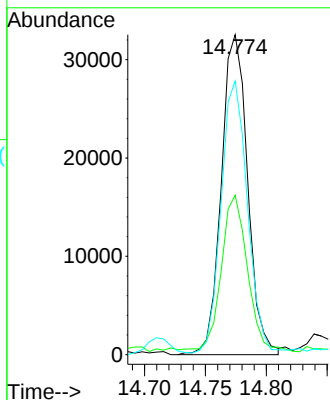
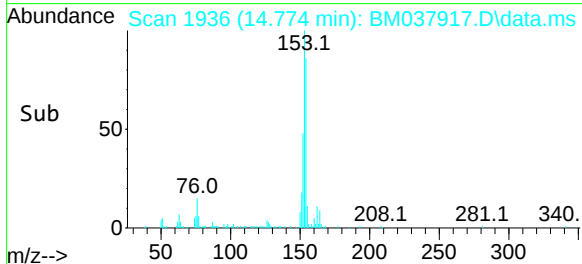
Instrument :
BNA_M
ClientSampleId :
DBXM3



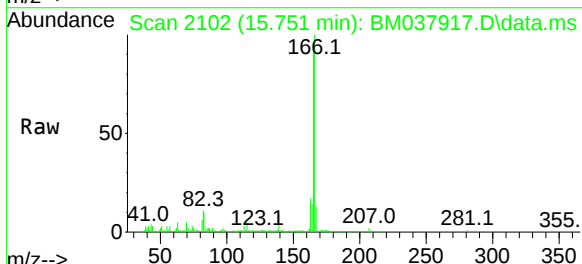
Tgt Ion:153 Resp: 4896
Ion Ratio Lower Upper
153 100
152 49.8 38.2 57.4
154 85.5 71.4 107.0

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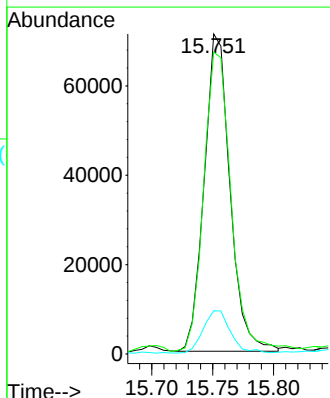
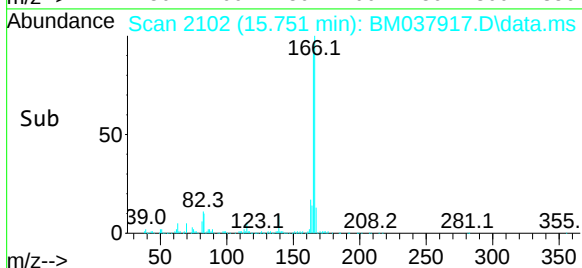
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

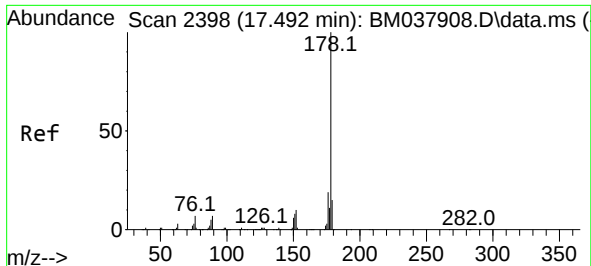


#61
Fluorene
Concen: 2.234 ng/uI
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16



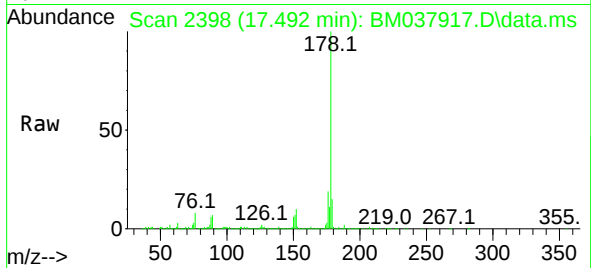
Tgt Ion:166 Resp: 104749
Ion Ratio Lower Upper
166 100
165 94.4 77.2 115.8
167 13.5 10.4 15.6





#72
Phenanthrene
Concen: 9.699 ng/u1
RT: 17.492 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

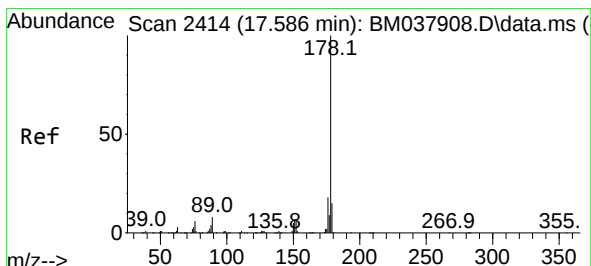
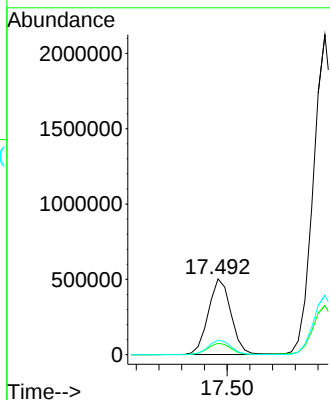
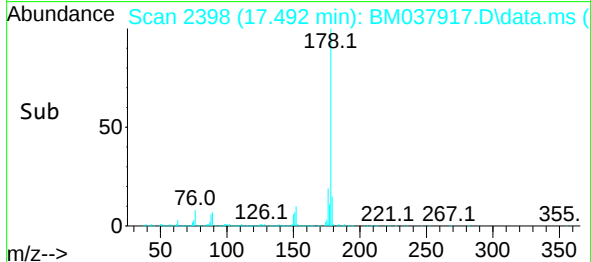
Instrument :
BNA_M
ClientSampleId :
DBXM3



Tgt Ion:178 Resp: 696700
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.3 15.4 23.0

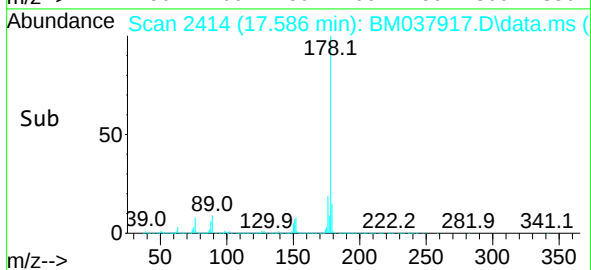
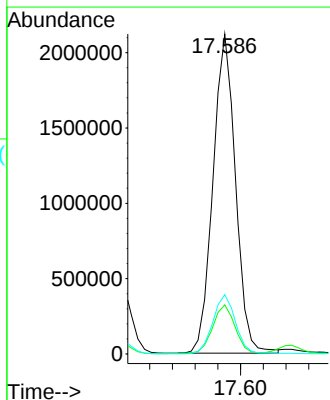
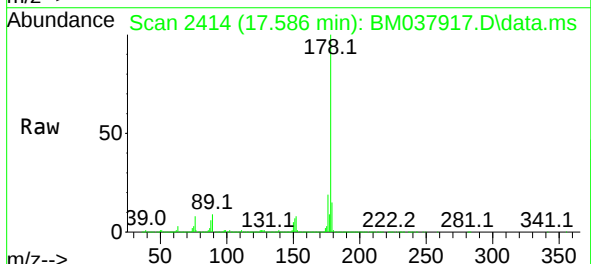
Manual Integrations
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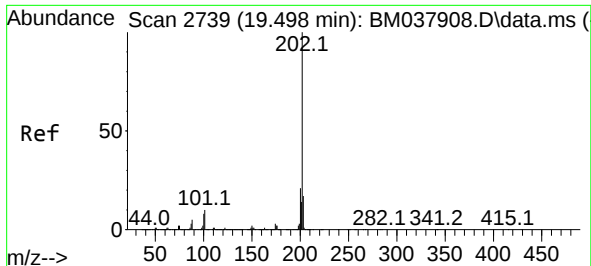
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#74
Anthracene
Concen: 39.985 ng/u1
RT: 17.586 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

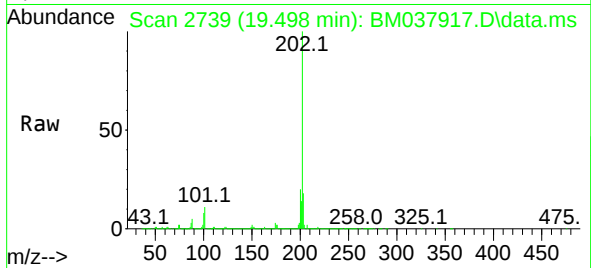
Tgt Ion:178 Resp: 2918986
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.8
176 18.6 15.0 22.6





#80
Fluoranthene
Concen: 31.275 ng/u1
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

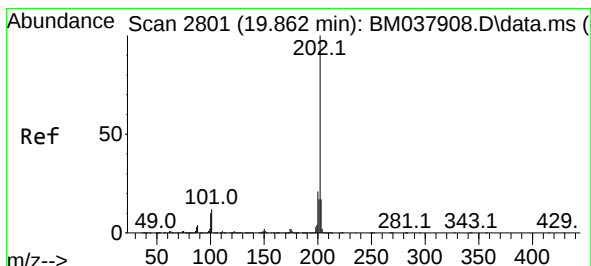
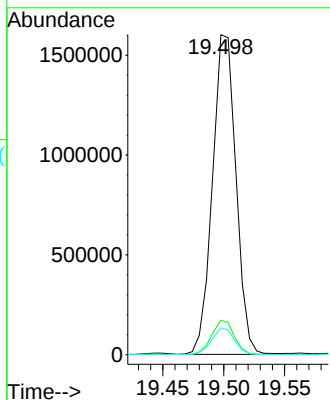
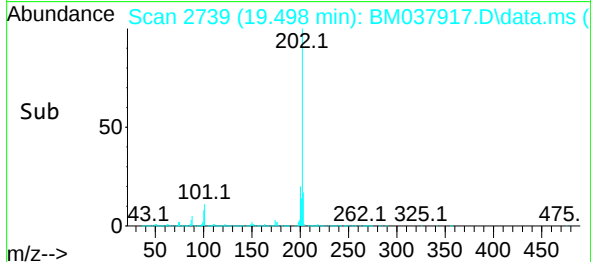
Instrument :
BNA_M
ClientSampleId :
DBXM3



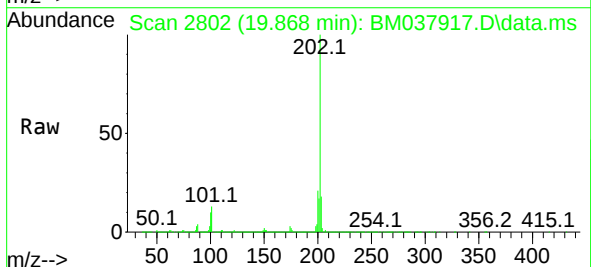
Tgt Ion:202 Resp: 2150370
Ion Ratio Lower Upper
202 100
101 10.7 8.6 13.0
100 8.4 6.6 10.0

Manual Integrations
APPROVED

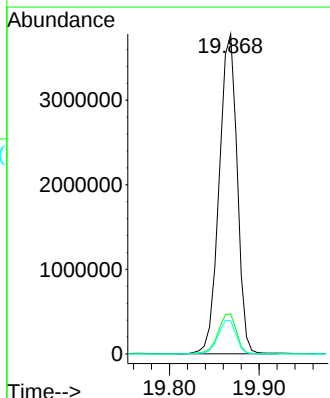
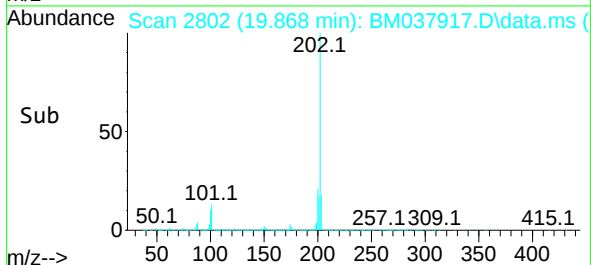
Reviewed By :Jagrut Upadhyay 12/10/2022
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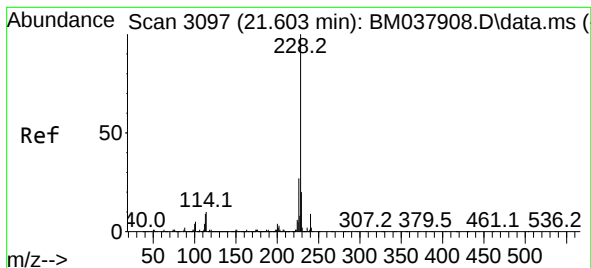


#82
Pyrene
Concen: 73.624 ng/u1
RT: 19.868 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16



Tgt Ion:202 Resp: 5268359
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 10.4 7.9 11.9





#85

Benzo(a)anthracene

Concen: 9.662 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

Instrument :

BNA_M

ClientSampleId :

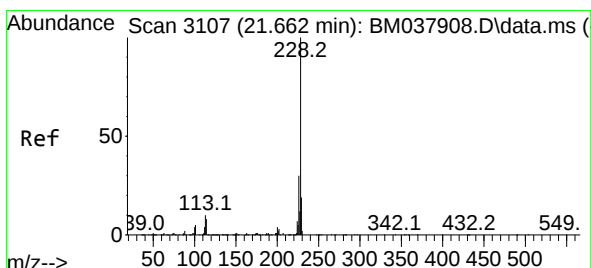
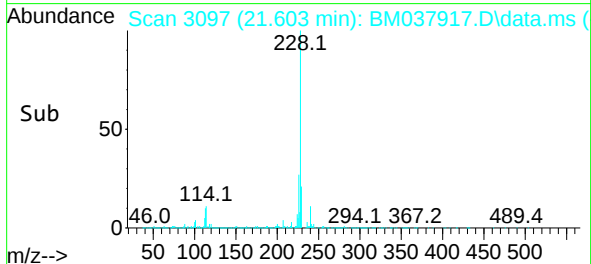
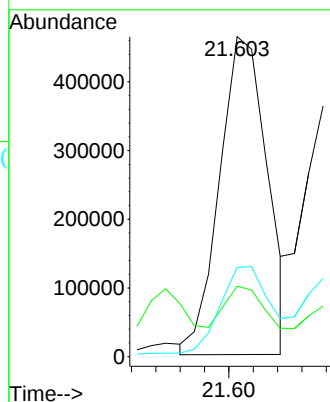
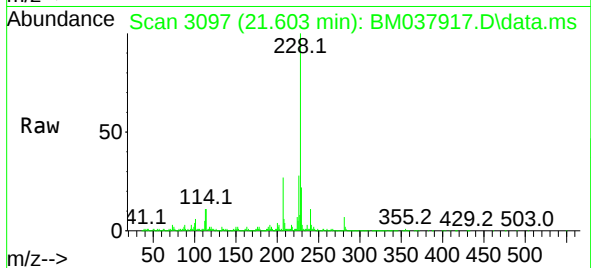
DBXM3

Tgt Ion:228 Resp: 630865
 Ion Ratio Lower Upper
 228 100
 229 22.1 15.5 23.3
 226 27.9 21.8 32.8

Manual Integrations

APPROVED

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 Supervised By :mohammad ahmed 12/10/2022



#87

Chrysene

Concen: 18.478 ng/ul m

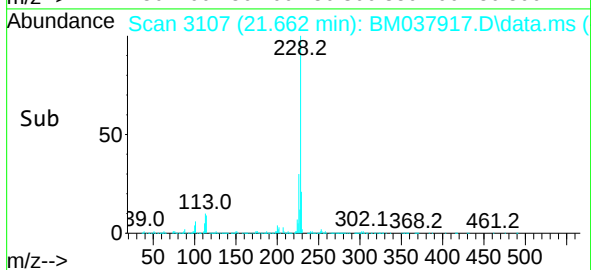
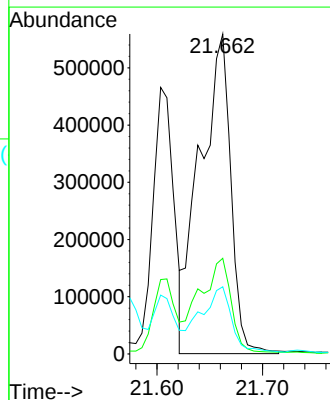
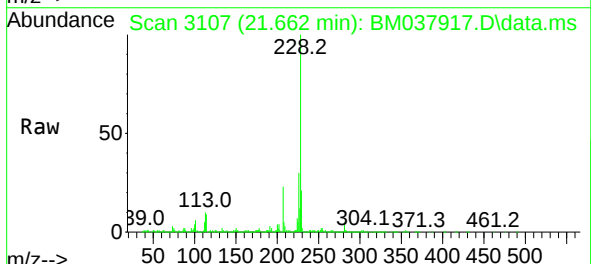
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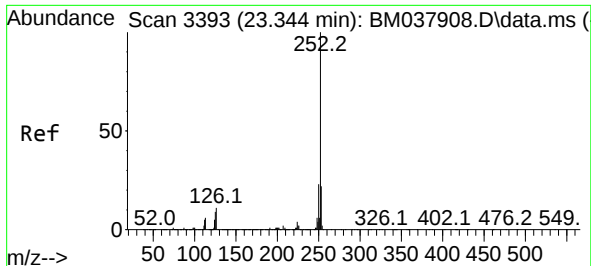
Delta R.T. 0.000 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

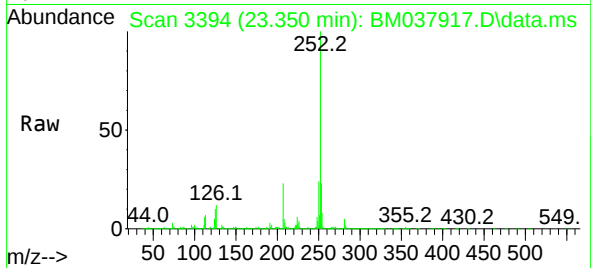
Tgt Ion:228 Resp: 1131965
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.3 36.5
 229 21.0 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 28.927 ng/ul
RT: 23.350 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

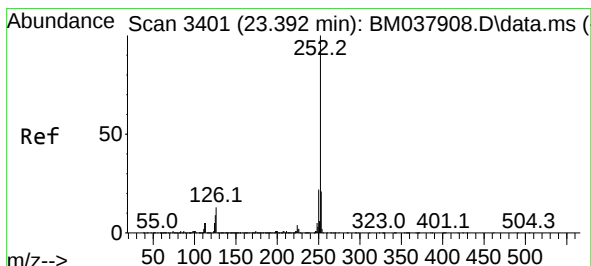
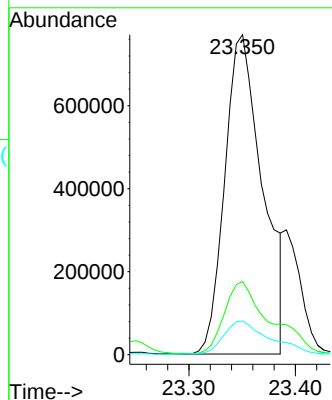
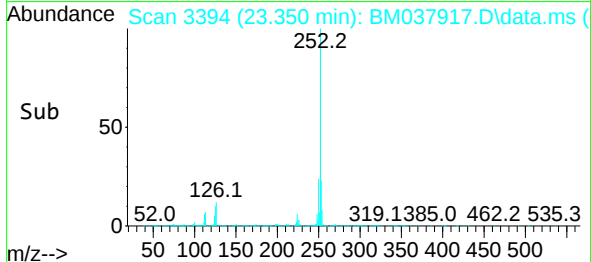
Instrument :
BNA_M
ClientSampleId :
DBXM3



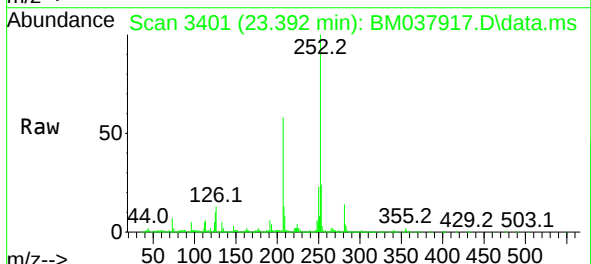
Tgt Ion:252 Resp: 190385
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.5 8.0 12.0

Manual Integrations
APPROVED

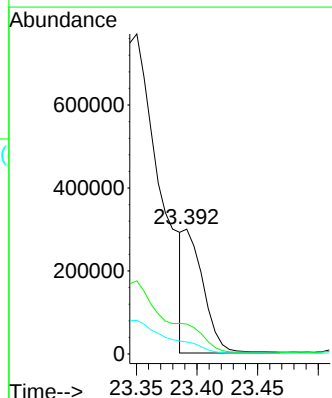
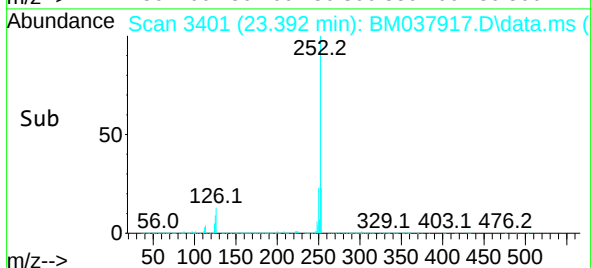
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

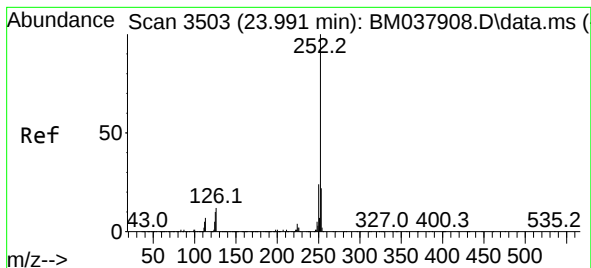


#91
Benzo(k)fluoranthene
Concen: 5.304 ng/ul m
RT: 23.392 min Scan# 3401
Delta R.T. 0.000 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16



Tgt Ion:252 Resp: 338312
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 9.6 8.1 12.1





#93

Benzo(a)pyrene

Concen: 13.338 ng/ul

RT: 23.997 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

Instrument :

BNA_M

ClientSampleId :

DBXM3

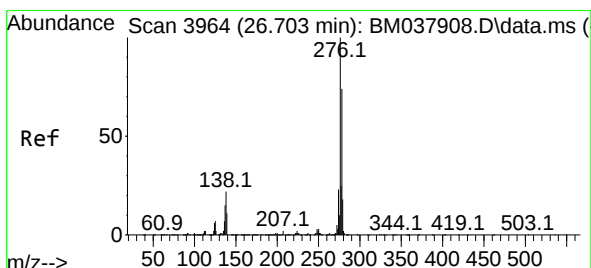
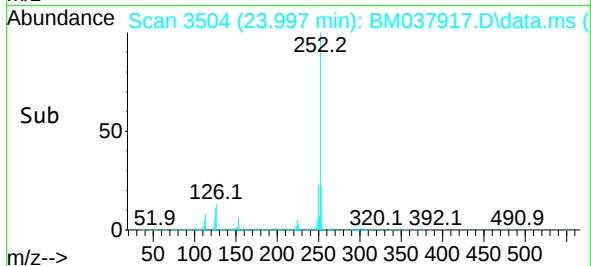
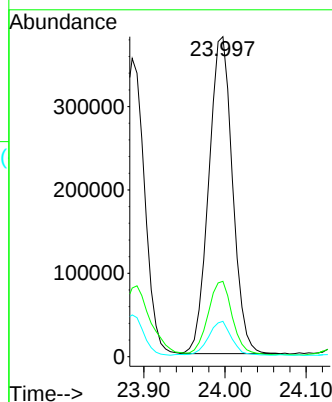
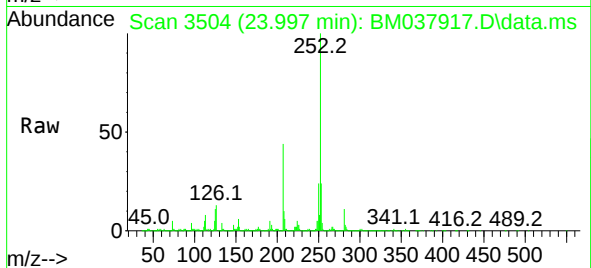
Tgt Ion:252 Resp: 77197

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	11.1	9.4	14.0

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.892 ng/ul

RT: 26.697 min Scan# 3963

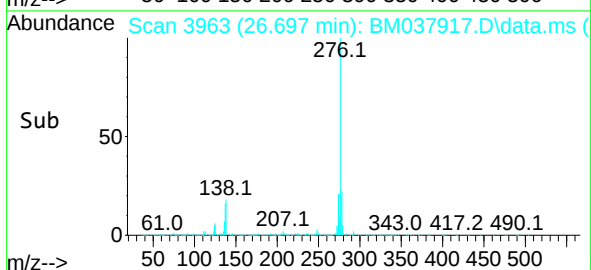
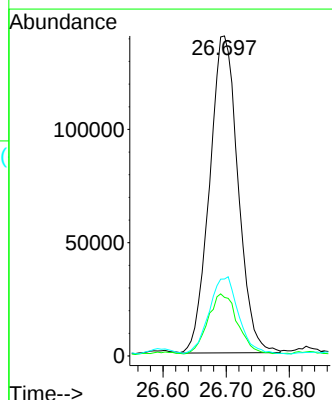
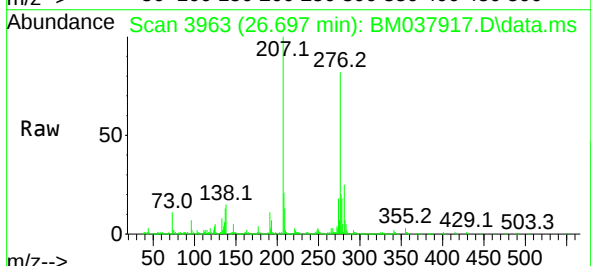
Delta R.T. -0.006 min

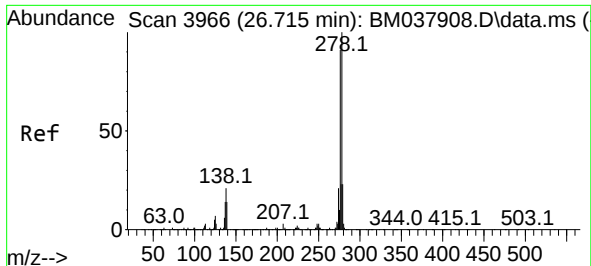
Lab File: BM037917.D

Acq: 09 Dec 2022 15:16

Tgt Ion:276 Resp: 439179

Ion	Ratio	Lower	Upper
276	100		
138	18.3	19.3	28.9#
277	24.0	19.8	29.8





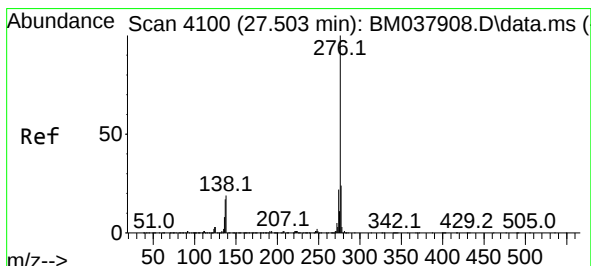
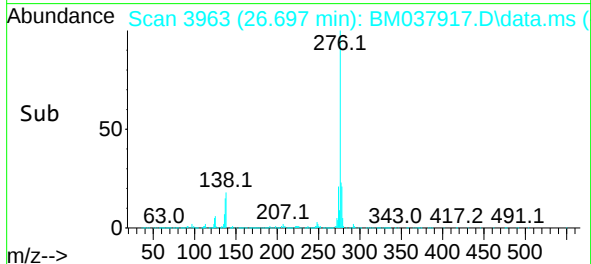
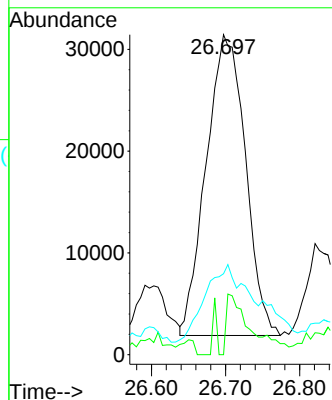
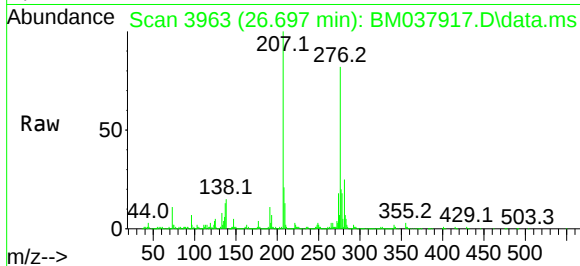
#95
Dibenzo(a,h)anthracene
Concen: 1.728 ng/ul
RT: 26.697 min Scan# 3966
Delta R.T. -0.018 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

Instrument :
BNA_M
ClientSampleId :
DBXM3

Tgt Ion:278 Resp: 108590
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6
279 25.3 19.8 29.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 5.531 ng/ul
RT: 27.497 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM037917.D
Acq: 09 Dec 2022 15:16

Tgt Ion:276 Resp: 329169
Ion Ratio Lower Upper
276 100
138 19.1 17.1 25.7
277 22.8 18.2 27.4

