

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
 Data File : BM036636.D
 Acq On : 21 Sep 2022 22:23
 Operator : CG/JU
 Sample : N4605-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5746

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/22/2022
 Supervised By :mohammad ahmed 09/23/2022

Quant Time: Sep 22 00:26:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 21 22:42:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	335301	20.000	ng/u1	0.00
20) Naphthalene-d8	10.833	136	1527230	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	991960	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	2043887	20.000	ng/u1	0.00
79) Chrysene-d12	21.544	240	1854106	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	1619678	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	33272	3.720	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.175	99	634334	21.170	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	437036	24.017	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	533820	24.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	442143	19.970	ng/u1	0.00
21) Nitrobenzene-d5	9.186	128	282292	27.309	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	272498	29.430	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	503251	23.453	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	173873	4.874	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1736230	25.952	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	2079507	26.204	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	175568	13.530	ng/u1	0.00
60) Fluorene-d10	15.633	176	1590463	26.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	173926	21.508	ng/u1	0.00
73) Anthracene-d10	17.480	188	2465880	26.387	ng/u1	0.00
81) Pyrene-d10	19.762	212	2878058	31.553	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	2206530	27.885	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.880	128	486697	5.850	ng/u1	99
36) 2-Methylnaphthalene	12.486	142	402139	7.255	ng/u1	99
37) 1-Methylnaphthalene	12.704	142	316584	5.681	ng/u1	99
50) Acenaphthylene	14.368	152	233934	2.578	ng/u1#	95
72) Phenanthrene	17.421	178	1916133	17.020	ng/u1	99
74) Anthracene	17.515	178	207310	1.812	ng/u1	99
80) Fluoranthene	19.433	202	3432463	30.709	ng/u1	99
82) Pyrene	19.792	202	2993566	25.301	ng/u1	99
85) Benzo(a)anthracene	21.533	228	1260946	10.854	ng/u1	94
87) Chrysene	21.586	228	1716154	15.564	ng/u1	97
90) Benzo(b)fluoranthene	23.244	252	2009253	19.562	ng/u1	98
91) Benzo(k)fluoranthene	23.291	252	639982m	6.236	ng/u1	
93) Benzo(a)pyrene	23.886	252	1153471	12.775	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.532	276	802858	7.614	ng/u1	98
95) Dibenzo(a,h)anthracene	26.544	278	190356	1.991	ng/u1#	89
96) Benzo(g,h,i)perylene	27.315	276	676652	7.402	ng/u1	97

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

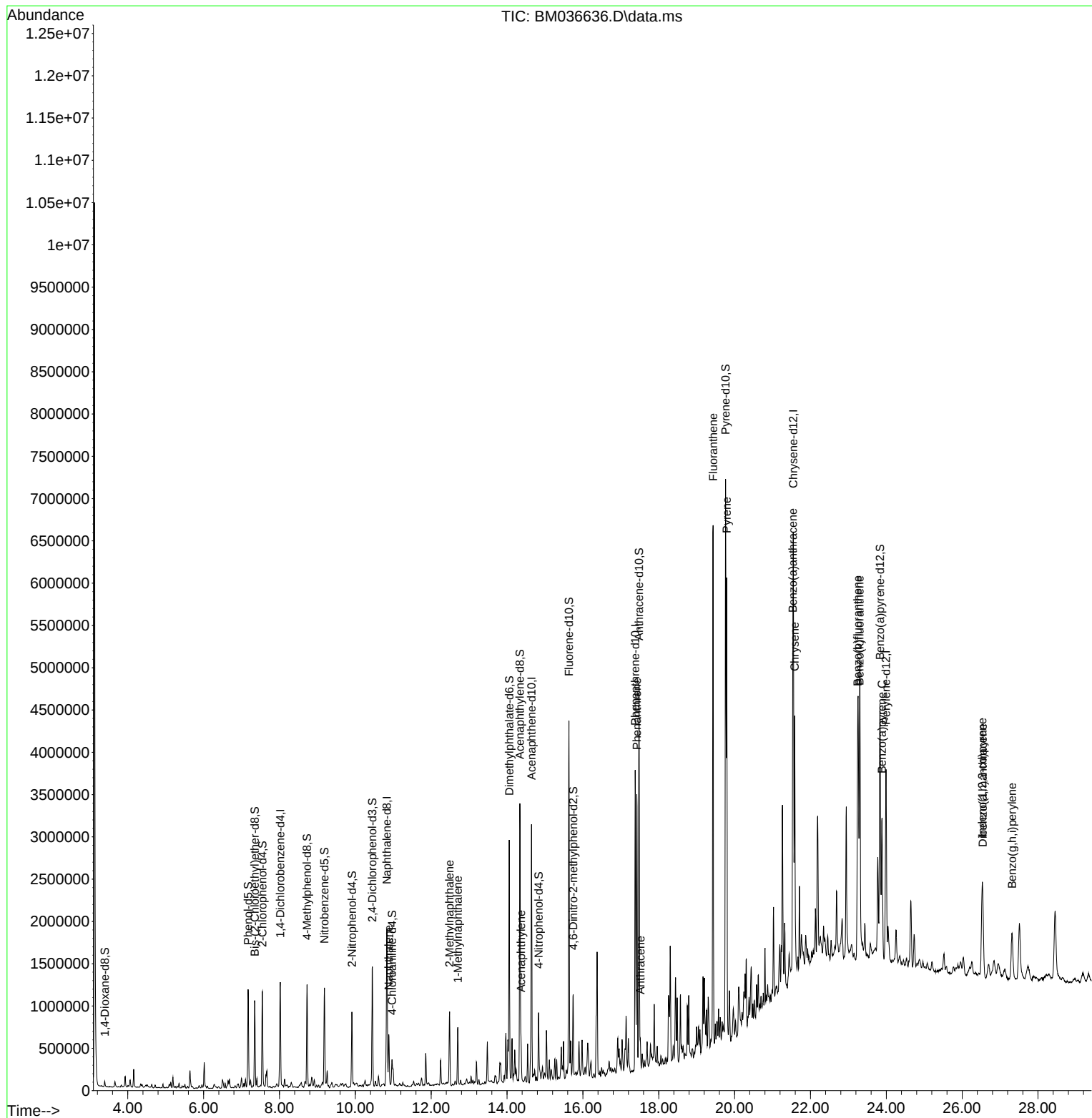
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
 Data File : BM036636.D
 Acq On : 21 Sep 2022 22:23
 Operator : CG/JU
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

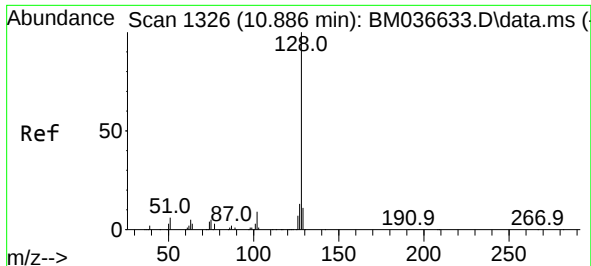
Instrument :
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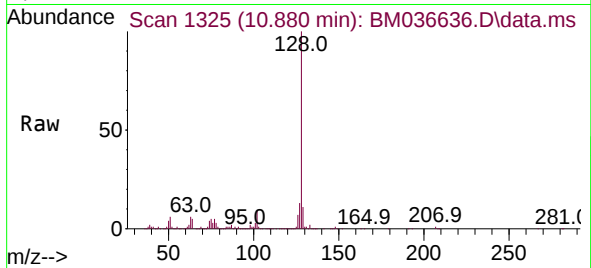
Quant Time: Sep 22 00:26:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 5.850 ng/ul
RT: 10.880 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23

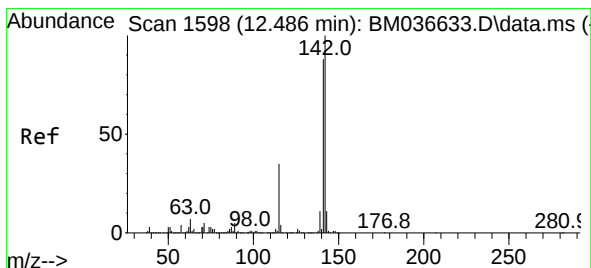
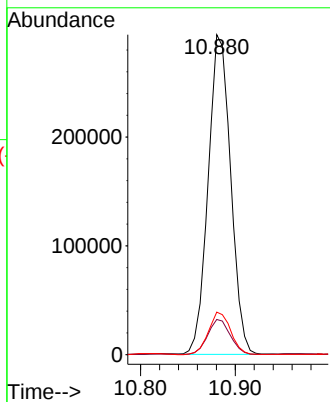
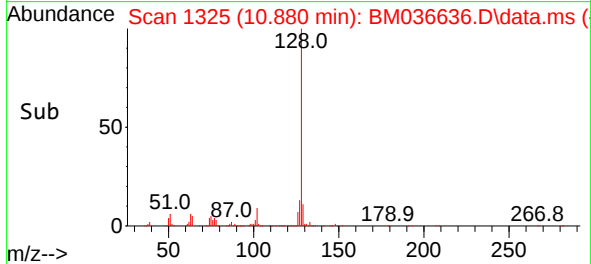
Instrument :
BNA_M
ClientSampleId :
A5746



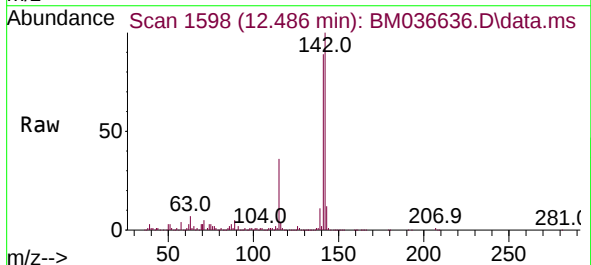
Tgt Ion:128 Resp: 486697
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.3 15.5

Manual Integrations
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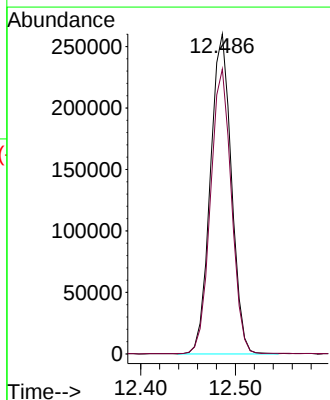
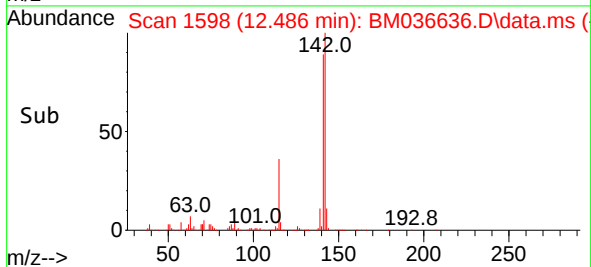
Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022

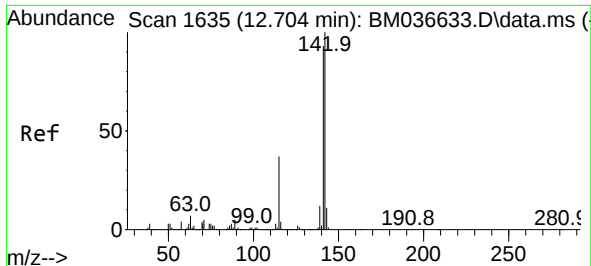


#36
2-Methylnaphthalene
Concen: 7.255 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23



Tgt Ion:142 Resp: 402139
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1





#37

1-Methylnaphthalene

Concen: 5.681 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BM036636.D

Acq: 21 Sep 2022 22:23

Instrument :

BNA_M

ClientSampleId :

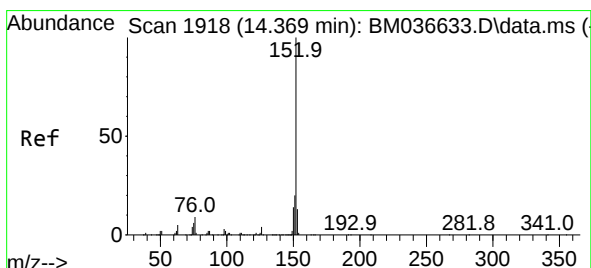
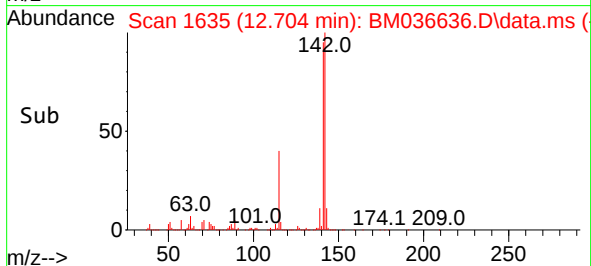
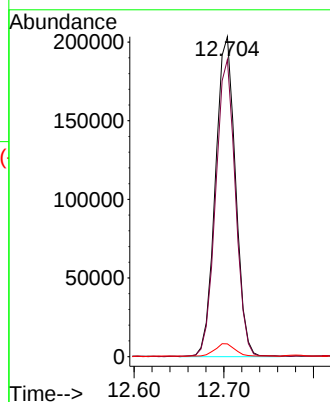
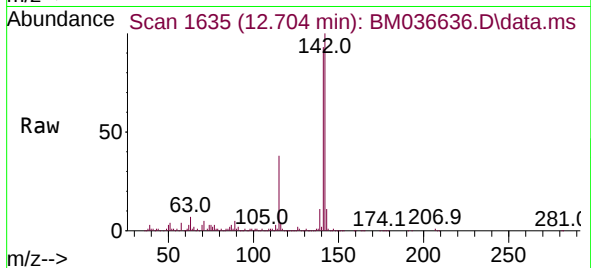
A5746

Tgt Ion:	142	Resp:	316584
Ion Ratio	Lower	Upper	
142	100		
141	92.8	73.4	110.2
116	4.0	3.1	4.7

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#50

Acenaphthylene

Concen: 2.578 ng/ul

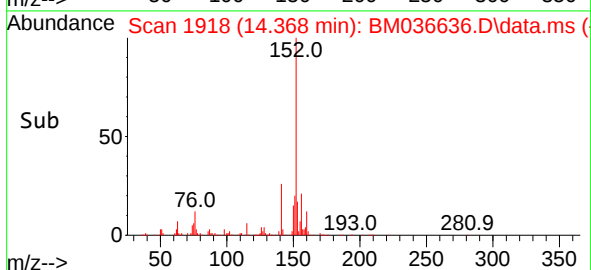
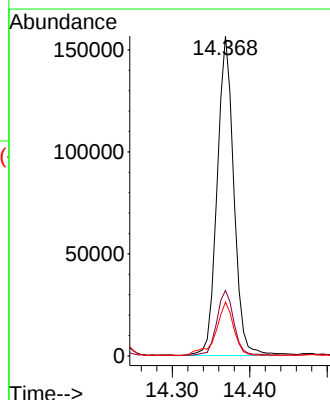
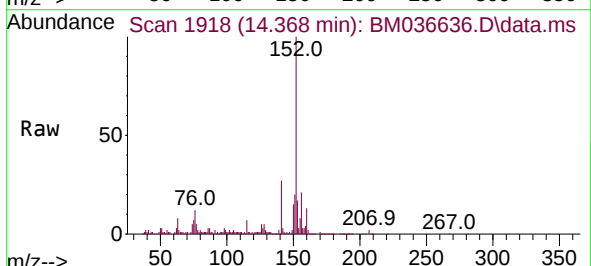
RT: 14.368 min Scan# 1918

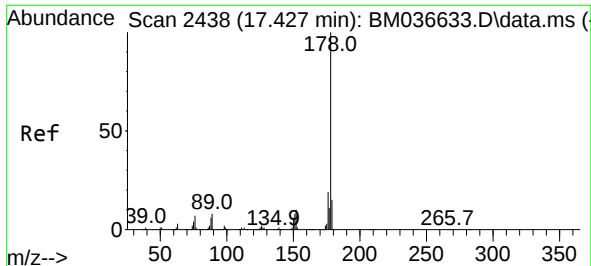
Delta R.T. -0.000 min

Lab File: BM036636.D

Acq: 21 Sep 2022 22:23

Tgt Ion:	152	Resp:	233934
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.7	23.5
153	16.8	10.5	15.7





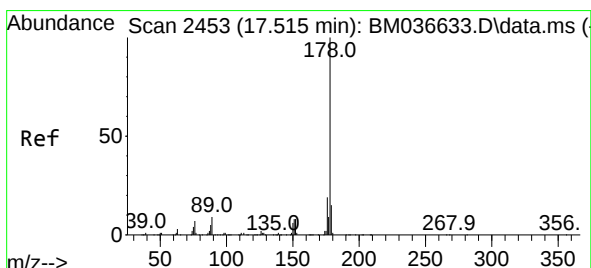
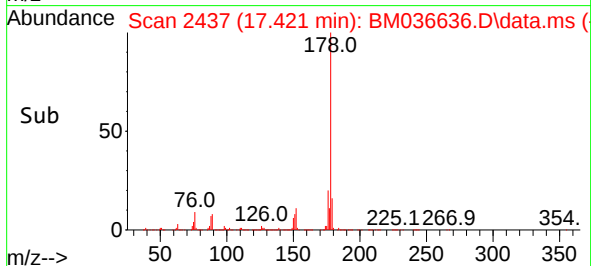
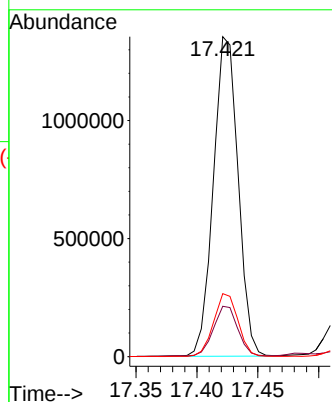
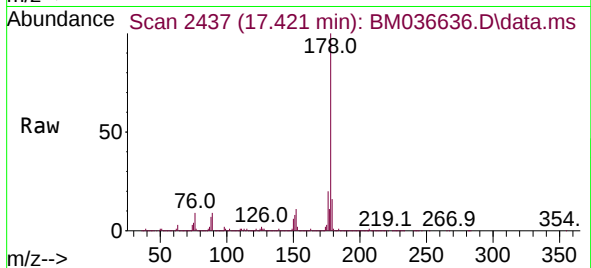
#72
Phenanthrene
Concen: 17.020 ng/ul
RT: 17.421 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23

Instrument :
BNA_M
ClientSampleId :
A5746

Tgt Ion:178 Resp: 1916133
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.7 15.7 23.5

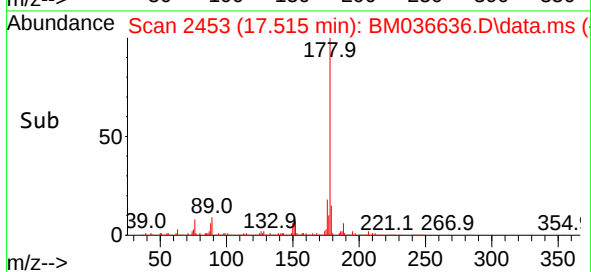
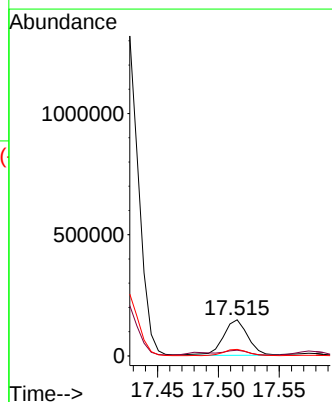
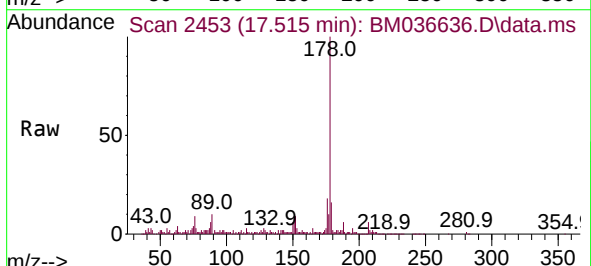
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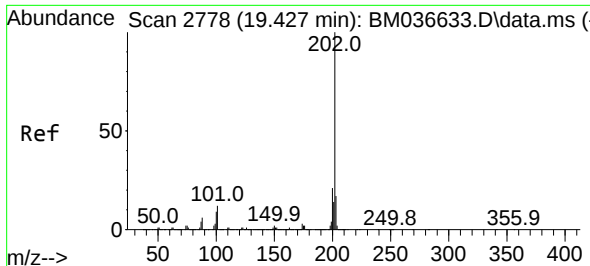
Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022



#74
Anthracene
Concen: 1.812 ng/ul
RT: 17.515 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23

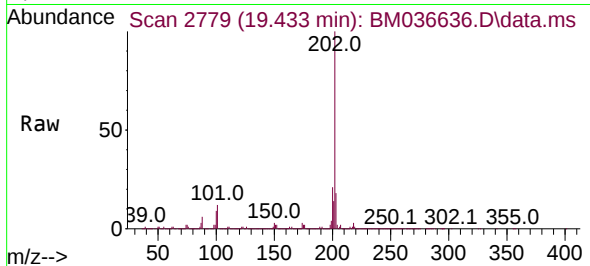
Tgt Ion:178 Resp: 207310
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 18.2 15.0 22.6





#80
Fluoranthene
Concen: 30.709 ng/ul
RT: 19.433 min Scan# 2778
Delta R.T. -0.000 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23

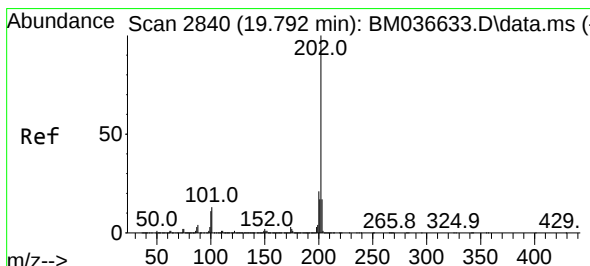
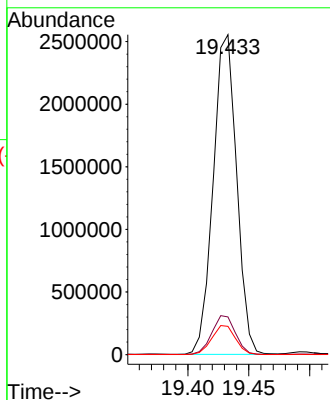
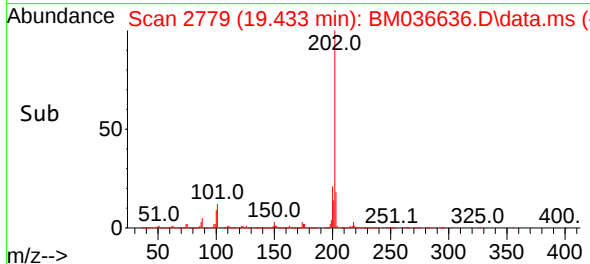
Instrument :
BNA_M
ClientSampleId :
A5746



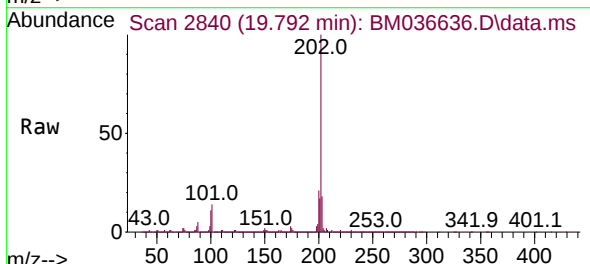
Tgt Ion:202 Resp: 3432463
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
100 8.8 7.4 11.2

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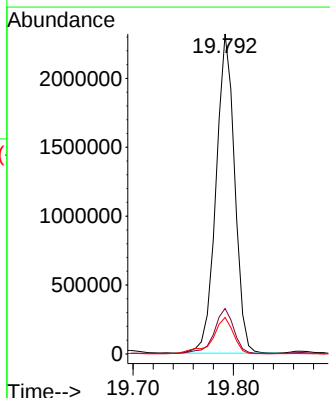
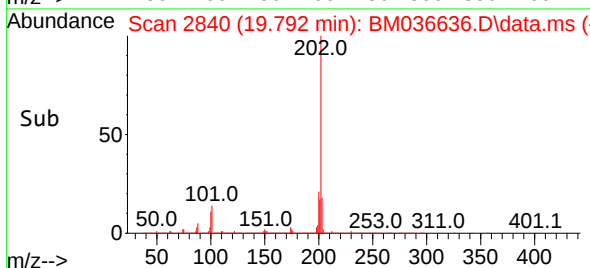
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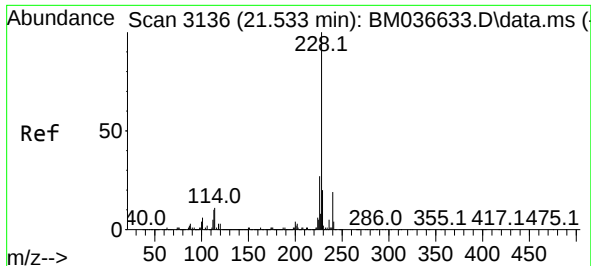


#82
Pyrene
Concen: 25.301 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23



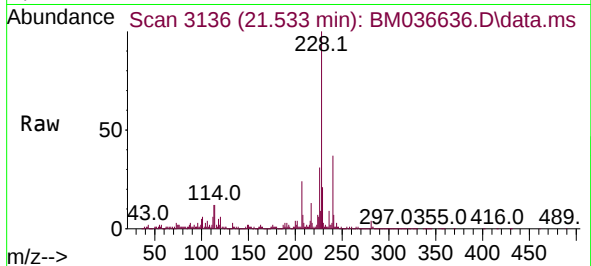
Tgt Ion:202 Resp: 2993566
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.4 8.7 13.1





#85
Benzo(a)anthracene
Concen: 10.854 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23

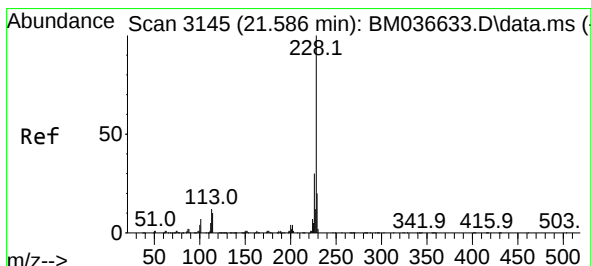
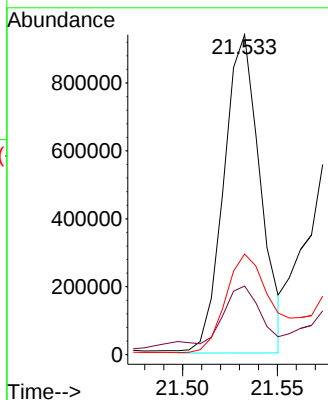
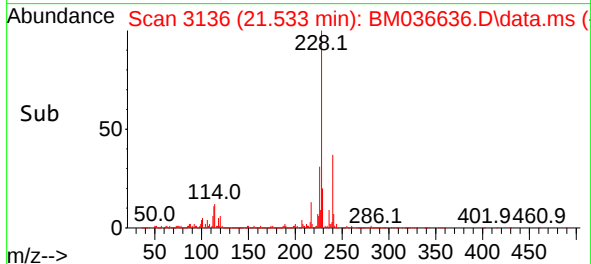
Instrument :
BNA_M
ClientSampleId :
A5746



Tgt Ion:228 Resp: 1260946
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.8
226 31.5 21.9 32.9

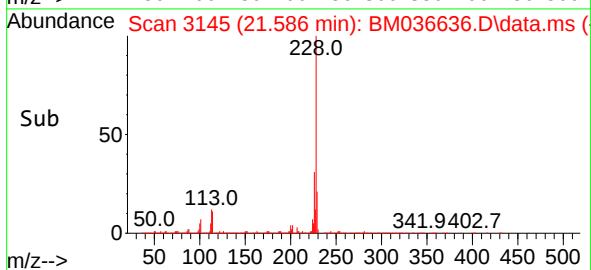
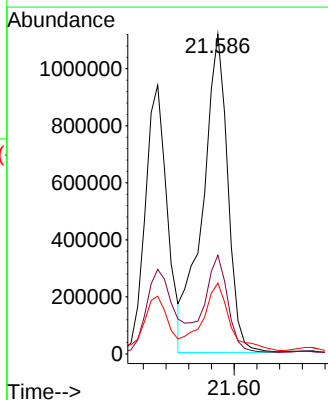
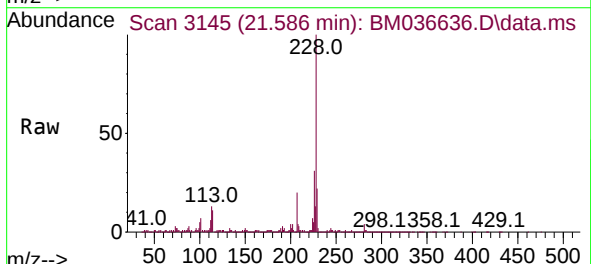
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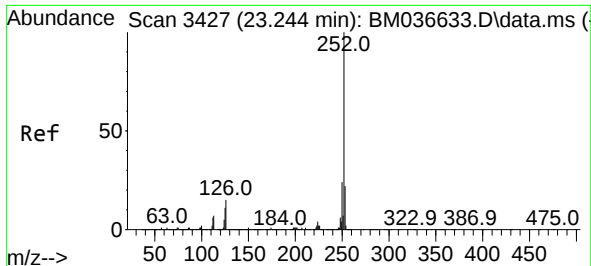
Reviewed By :Jagrut Upadhyay 09/22/2022
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#87
Chrysene
Concen: 15.564 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23

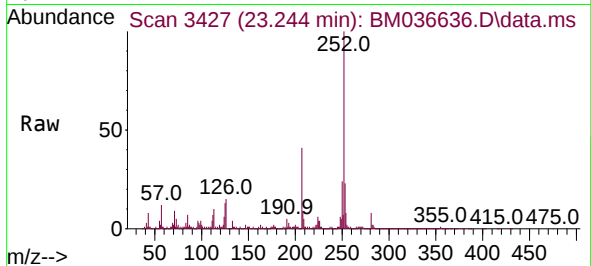
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Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 22.1 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 19.562 ng/ul
RT: 23.244 min Scan# 3427
Delta R.T. -0.000 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23

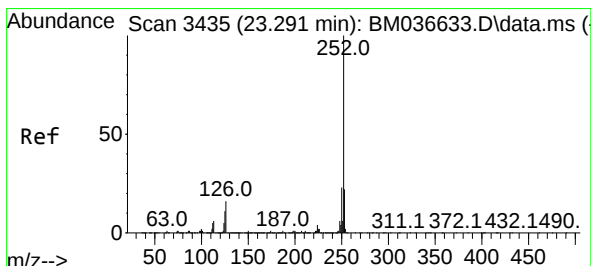
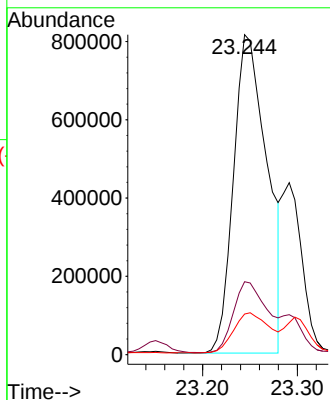
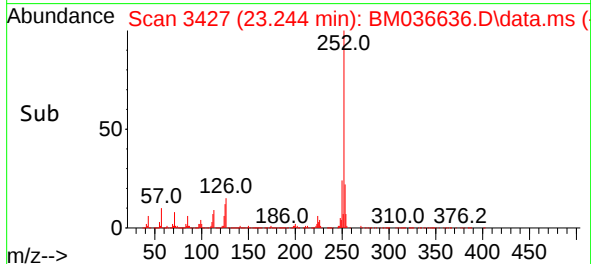
Instrument : BNA_M
ClientSampleId : A5746



Tgt Ion:252 Resp: 200925
Ion Ratio Lower Upper
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253 22.8 17.6 26.4
125 12.7 9.1 13.7

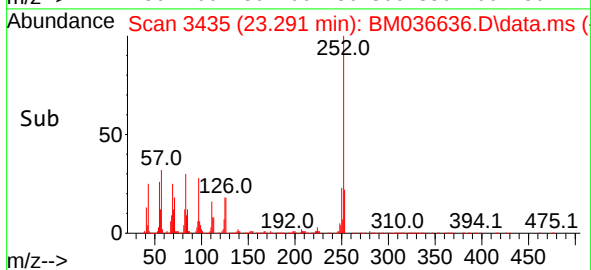
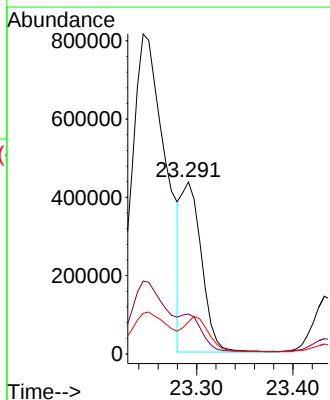
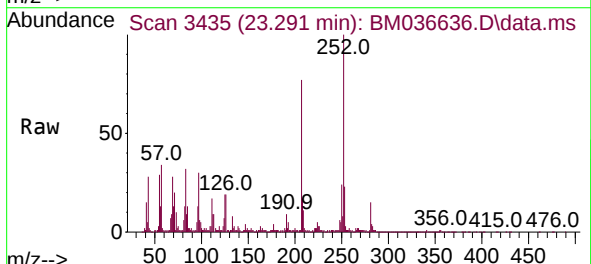
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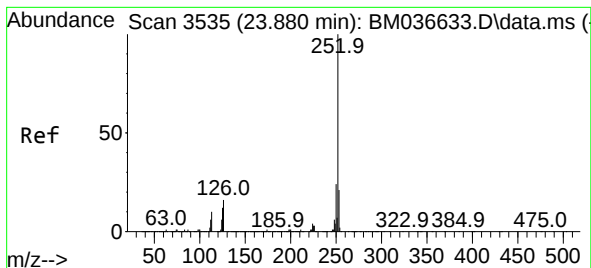
Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022



#91
Benzo(k)fluoranthene
Concen: 6.236 ng/ul m
RT: 23.291 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BM036636.D
Acq: 21 Sep 2022 22:23

Tgt Ion:252 Resp: 639982
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 18.6 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 12.775 ng/ul

RT: 23.886 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BM036636.D

Acq: 21 Sep 2022 22:23

Instrument :

BNA_M

ClientSampleId :

A5746

Tgt Ion:252 Resp: 115347

Ion Ratio Lower Upper

252 100

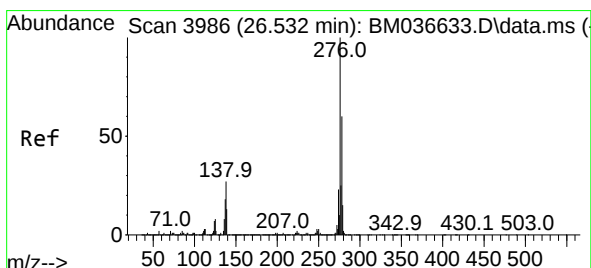
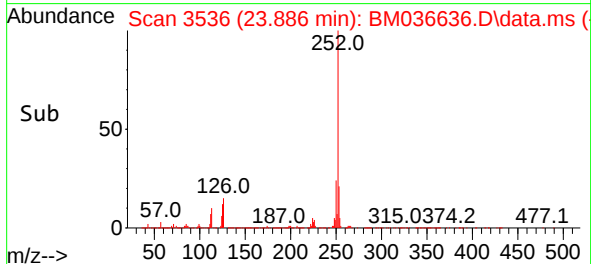
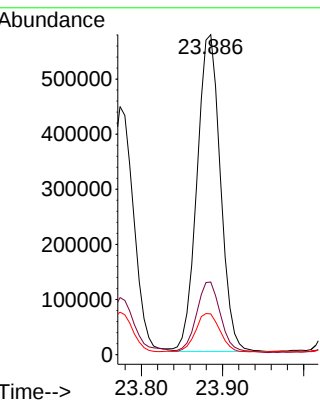
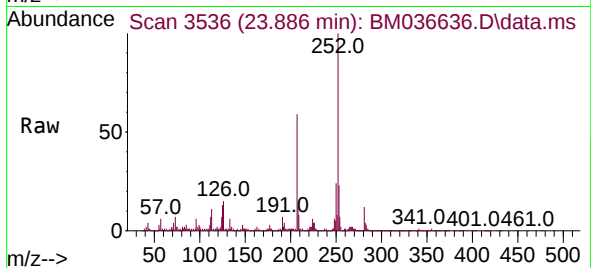
253 22.7 17.5 26.3

125 12.8 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.614 ng/ul

RT: 26.532 min Scan# 3986

Delta R.T. -0.000 min

Lab File: BM036636.D

Acq: 21 Sep 2022 22:23

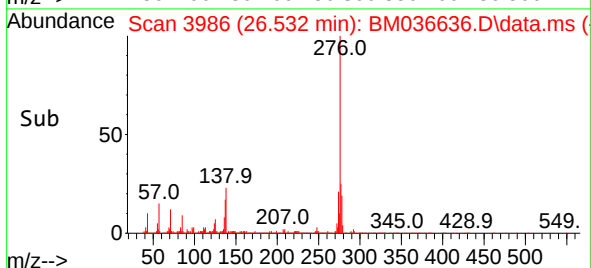
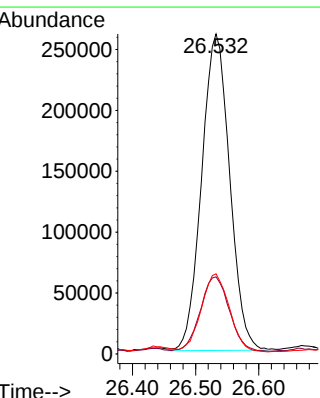
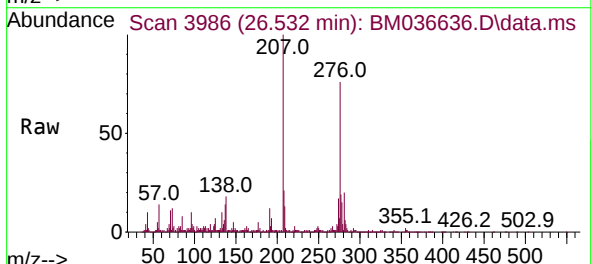
Tgt Ion:276 Resp: 802858

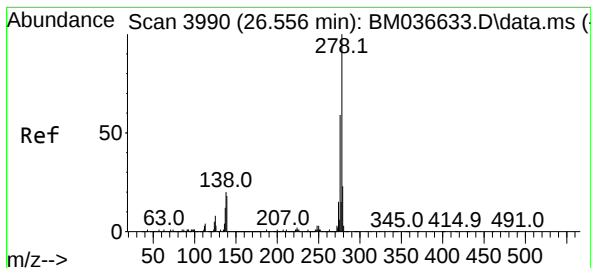
Ion Ratio Lower Upper

276 100

138 24.1 20.2 30.4

277 25.0 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 1.991 ng/ul

RT: 26.544 min Scan# 3990

Delta R.T. -0.012 min

Lab File: BM036636.D

Acq: 21 Sep 2022 22:23

Instrument :

BNA_M

ClientSampleId :

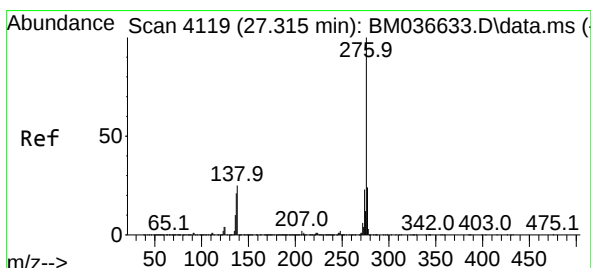
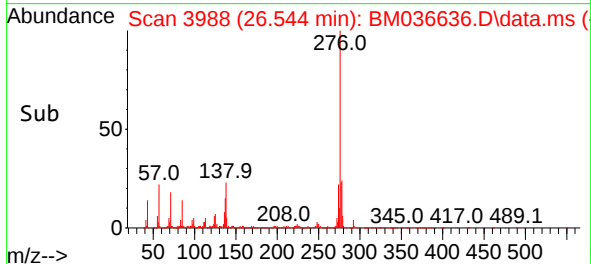
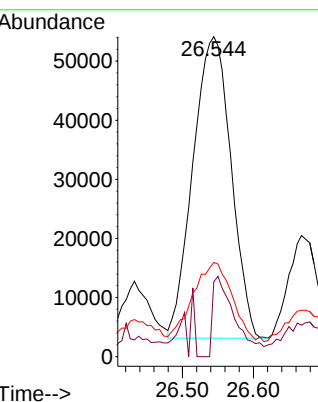
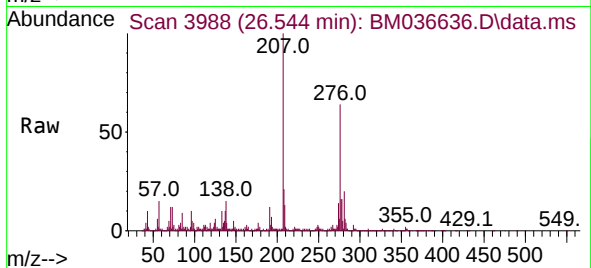
A5746

Tgt Ion:	278	Resp:	190356
Ion Ratio	Lower	Upper	
278	100		
139	23.4	14.5	21.7
279	29.4	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022



#96

Benzo(g,h,i)perylene

Concen: 7.402 ng/ul

RT: 27.315 min Scan# 4119

Delta R.T. -0.006 min

Lab File: BM036636.D

Acq: 21 Sep 2022 22:23

Tgt Ion:	276	Resp:	676652
Ion Ratio	Lower	Upper	
276	100		
138	25.3	18.7	28.1
277	25.2	19.2	28.8

