

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036596.D
 Acq On : 20 Sep 2022 00:49
 Operator : CG/JU
 Sample : N4604-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5765

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
 Supervised By :mohammad ahmed 09/21/2022

Quant Time: Sep 20 01:42:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	457262	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	2058488	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1304571	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	2654348	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	2395345	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1947490	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50527	4.142	ng/uL	0.00
4) Pyridine-d5	3.822	84	147597	4.149	ng/u1	0.00
7) Phenol-d5	7.175	99	844901	20.676	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	576550	23.233	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	720934	24.505	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	542635	17.972	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	379390	27.230	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	383052	30.693	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	687294	23.763	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	376864	7.837	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2222548	25.260	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2738047	26.235	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	296094	17.350	ng/u1	0.00
60) Fluorene-d10	15.639	176	2013206	25.532	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	239341	22.791	ng/u1	0.00
73) Anthracene-d10	17.486	188	3046265	25.100	ng/u1	0.00
81) Pyrene-d10	19.768	212	3458929	29.352	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.838	264	2520908	26.495	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.892	128	399779	3.565	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	398980	5.340	ng/u1	98
37) 1-Methylnaphthalene	12.710	142	354802	4.724	ng/u1	100
72) Phenanthrene	17.427	178	723005	4.945	ng/u1	99
80) Fluoranthene	19.433	202	639346	4.427	ng/u1	99
82) Pyrene	19.792	202	650098	4.253	ng/u1	98
85) Benzo(a)anthracene	21.539	228	362429	2.415	ng/u1#	88
87) Chrysene	21.592	228	524733	3.683	ng/u1#	95
90) Benzo(b)fluoranthene	23.250	252	532525	4.312	ng/u1	97
91) Benzo(k)fluoranthene	23.291	252	182618m	1.480	ng/u1	
93) Benzo(a)pyrene	23.885	252	330107	3.041	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.532	276	221421	1.746	ng/u1	98
96) Benzo(g,h,i)perylene	27.321	276	243973	2.220	ng/u1	97

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

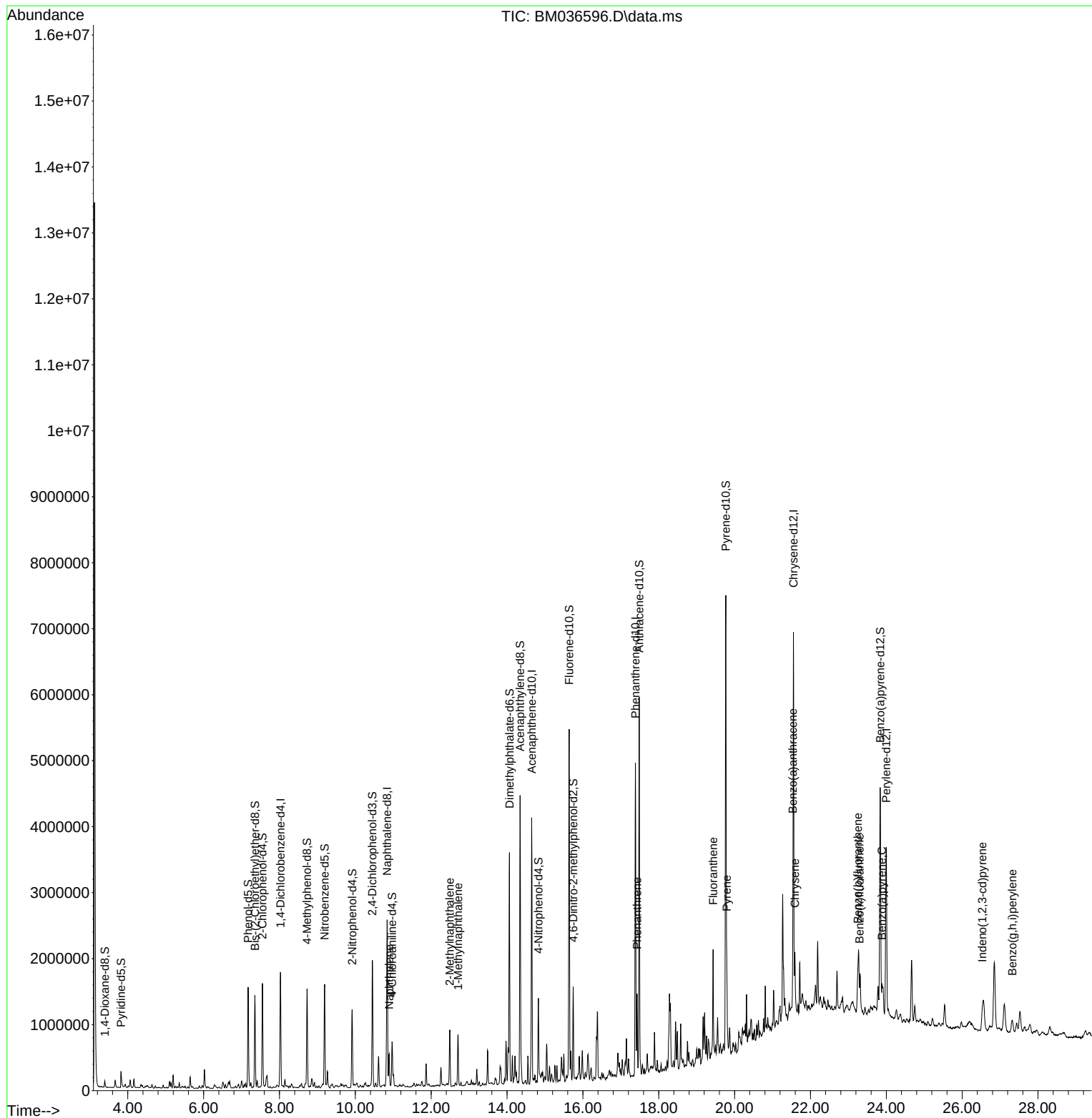
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036596.D
Acq On : 20 Sep 2022 00:49
Operator : CG/JU
Sample : N4604-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

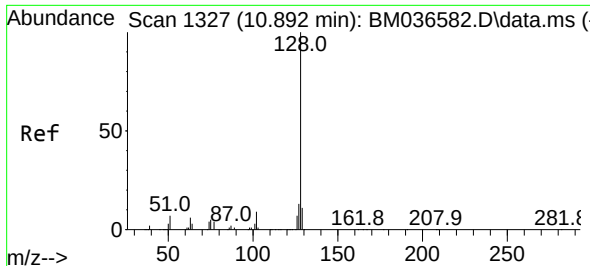
Instrument :
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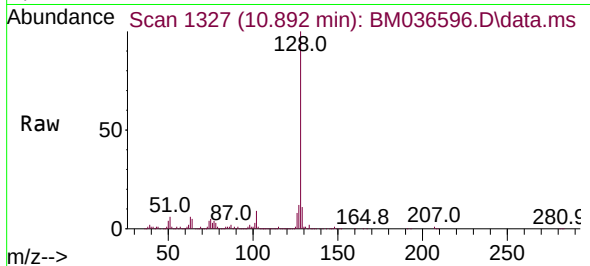
Quant Time: Sep 20 01:42:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.565 ng/ul
RT: 10.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49

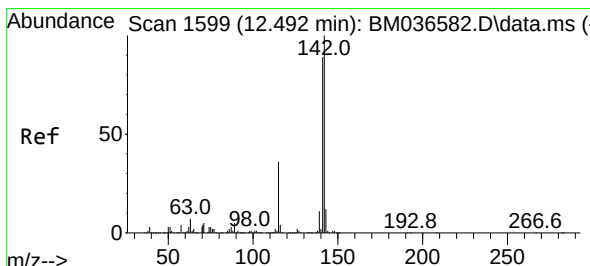
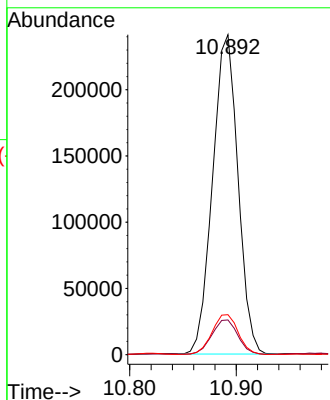
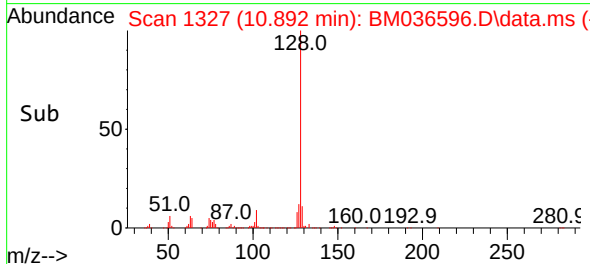
Instrument :
BNA_M
ClientSampleId :
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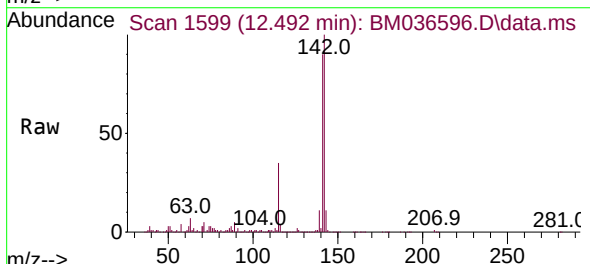
Tgt Ion:128 Resp: 399779
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.5 10.3 15.5

Manual Integrations
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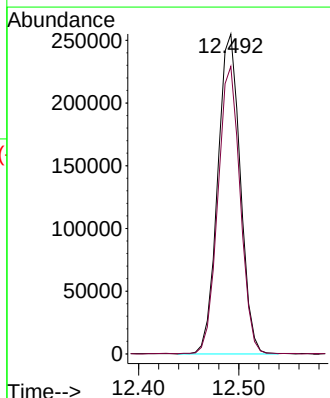
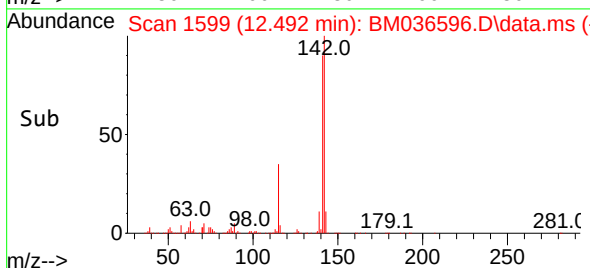
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

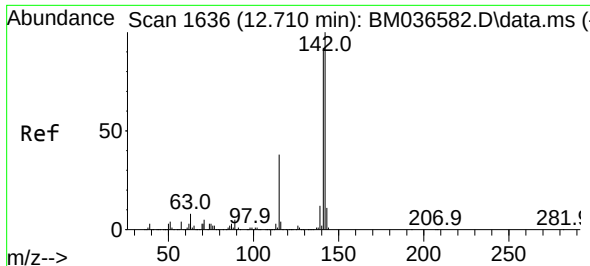


#36
2-Methylnaphthalene
Concen: 5.340 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49



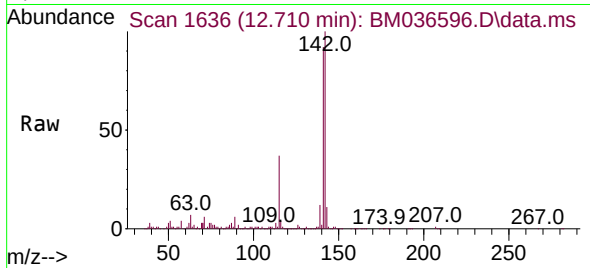
Tgt Ion:142 Resp: 398980
Ion Ratio Lower Upper
142 100
141 89.8 70.7 106.1





#37
1-Methylnaphthalene
Concen: 4.724 ng/ul
RT: 12.710 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49

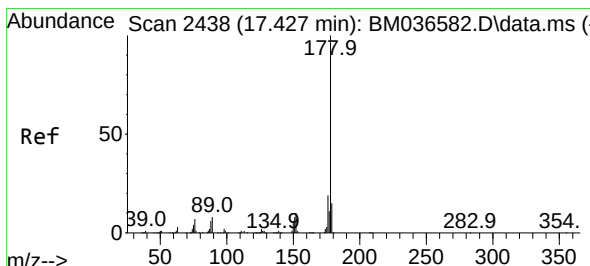
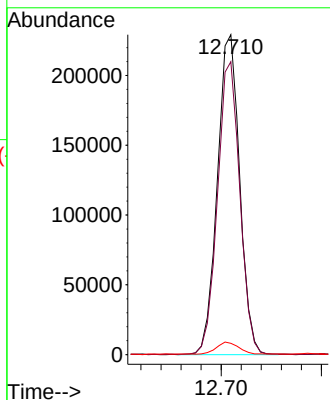
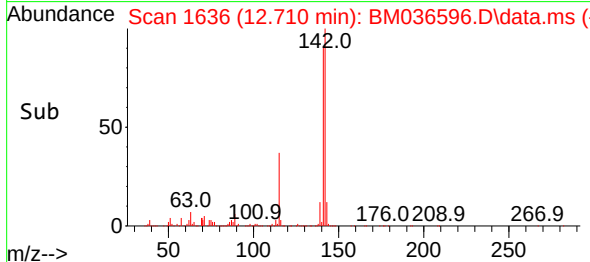
Instrument :
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Tgt Ion:142 Resp: 354802
Ion Ratio Lower Upper
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141 91.5 73.4 110.2
116 3.5 3.1 4.7

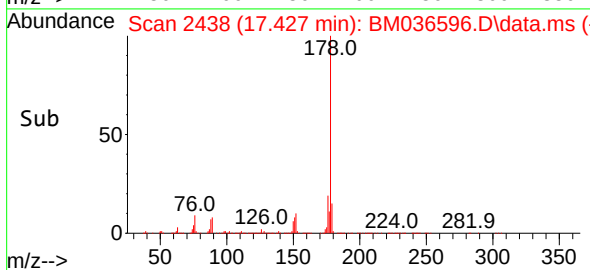
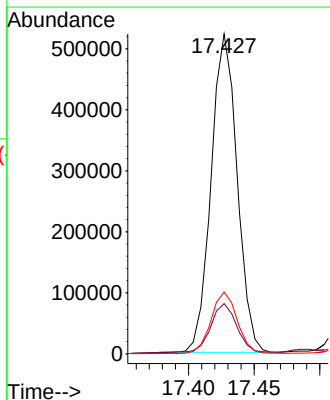
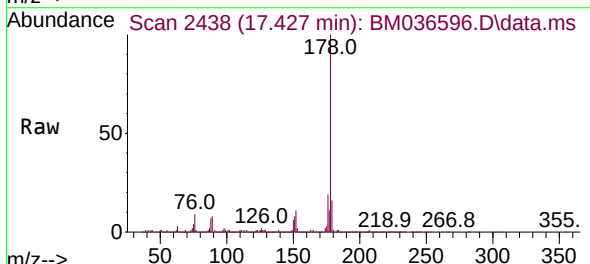
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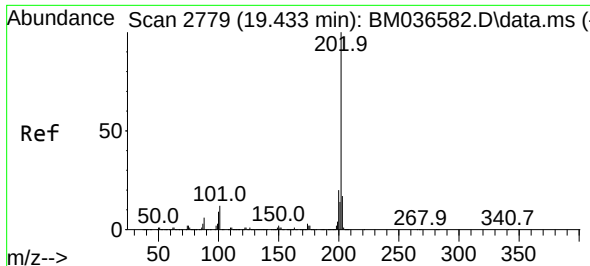
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022



#72
Phenanthrene
Concen: 4.945 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49

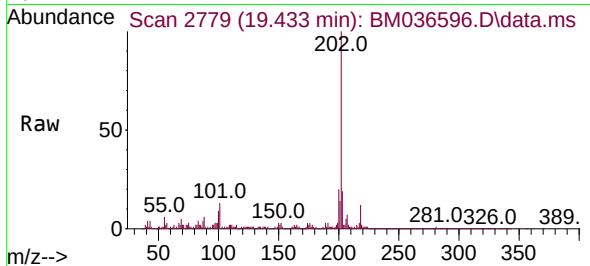
Tgt Ion:178 Resp: 723005
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.3 15.7 23.5





#80
Fluoranthene
Concen: 4.427 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49

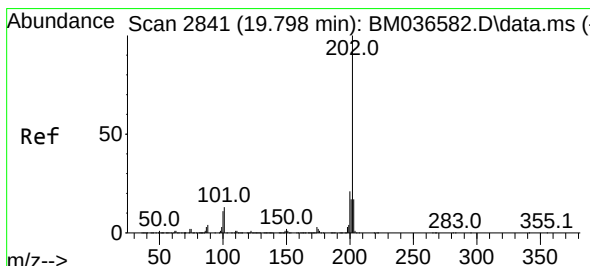
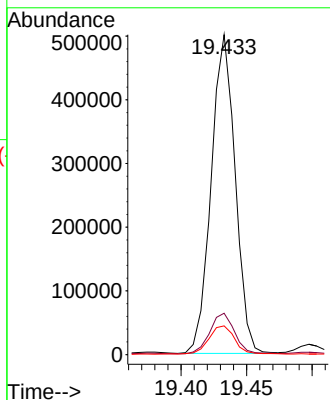
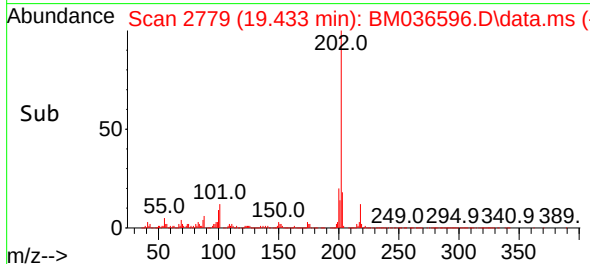
Instrument :
BNA_M
ClientSampleId :
A5765



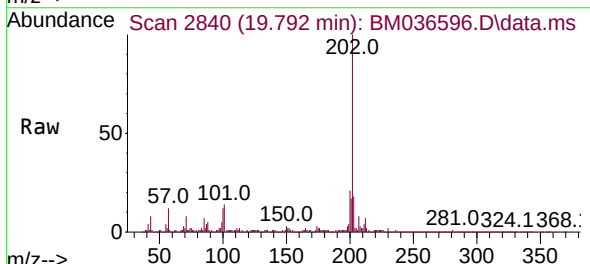
Tgt Ion:202 Resp: 639346
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
100 9.0 7.4 11.2

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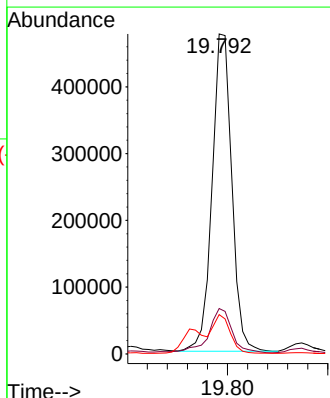
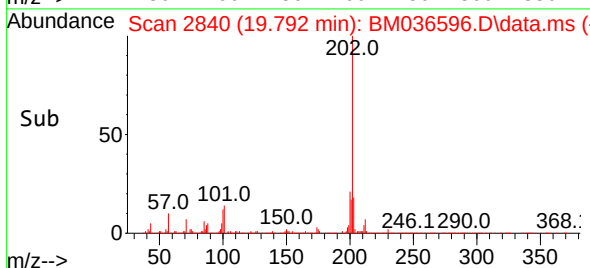
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

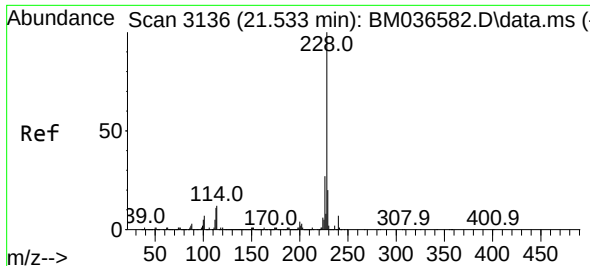


#82
Pyrene
Concen: 4.253 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49



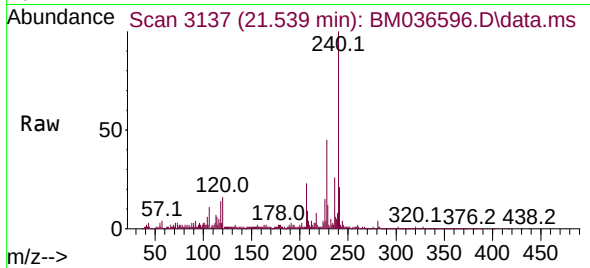
Tgt Ion:202 Resp: 650098
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 12.3 8.7 13.1





#85
Benzo(a)anthracene
Concen: 2.415 ng/ul
RT: 21.539 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49

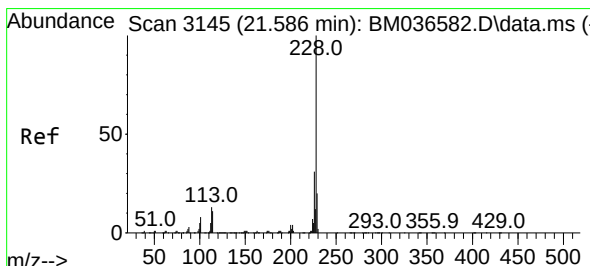
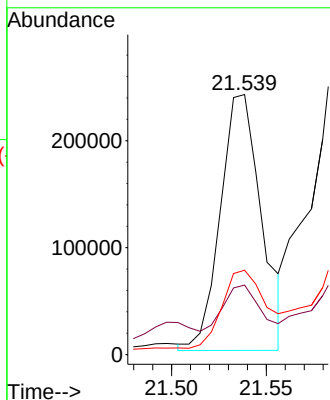
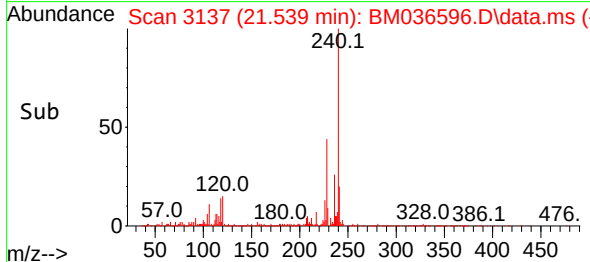
Instrument :
BNA_M
ClientSampleId :
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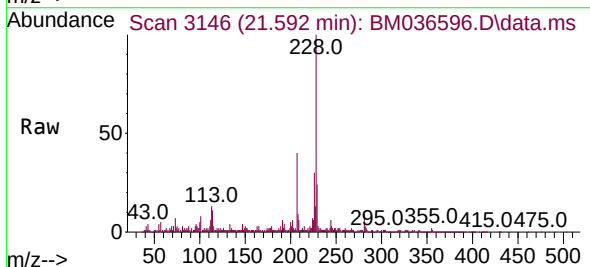
Tgt Ion:228 Resp: 362429
Ion Ratio Lower Upper
228 100
229 26.7 15.8 23.8
226 32.5 21.9 32.9

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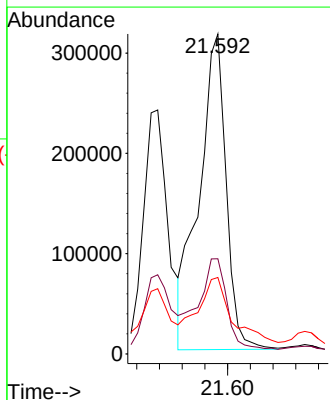
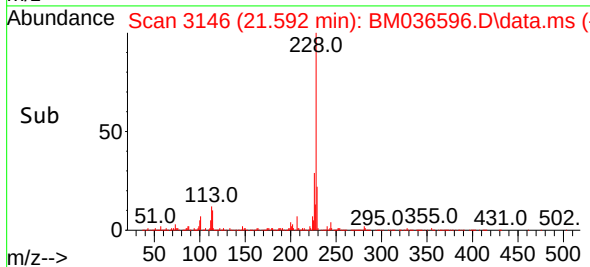
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

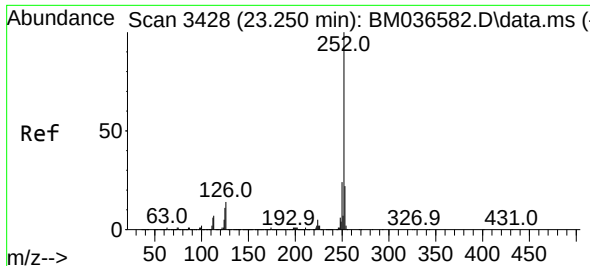


#87
Chrysene
Concen: 3.683 ng/ul
RT: 21.592 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49



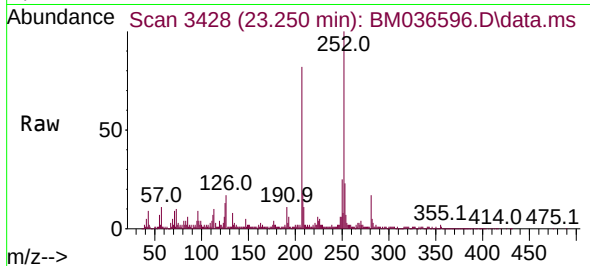
Tgt Ion:228 Resp: 524733
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 23.9 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 4.312 ng/ul
RT: 23.250 min Scan# 3428
Delta R.T. -0.000 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49

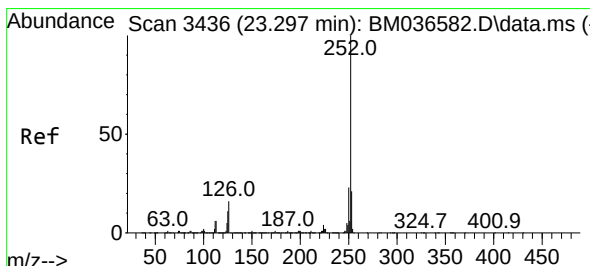
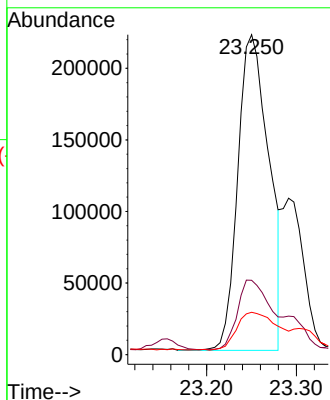
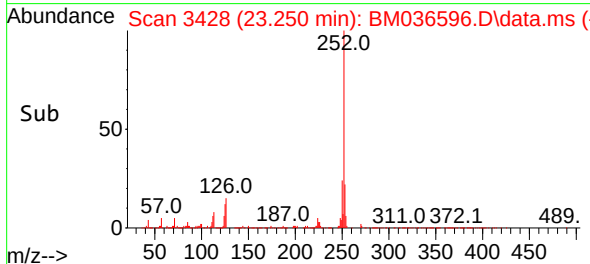
Instrument : BNA_M
ClientSampleId : A5765



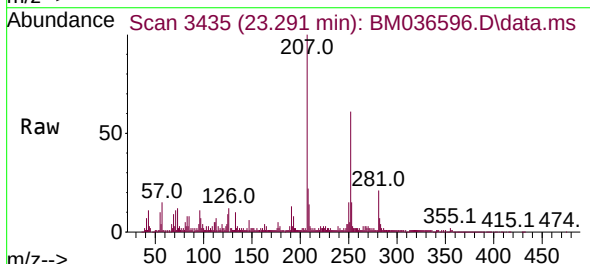
Tgt Ion:252 Resp: 53252
Ion Ratio Lower Upper
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253 23.2 17.6 26.4
125 13.2 9.1 13.7

Manual Integrations
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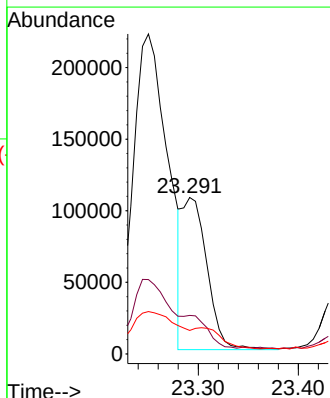
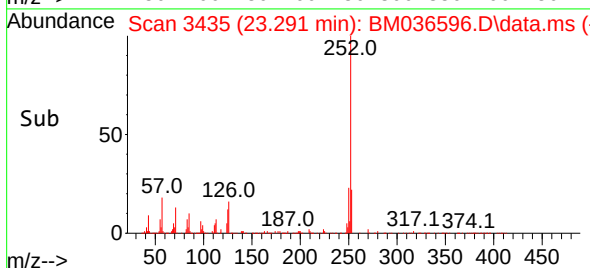
Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

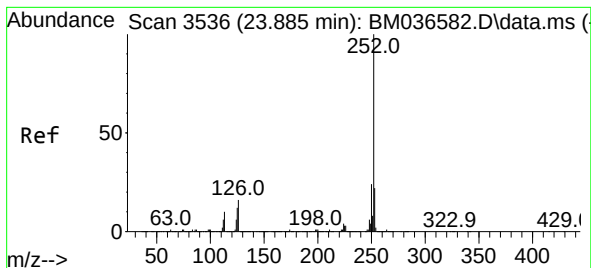


#91
Benzo(k)fluoranthene
Concen: 1.480 ng/ul m
RT: 23.291 min Scan# 3435
Delta R.T. -0.012 min
Lab File: BM036596.D
Acq: 20 Sep 2022 00:49



Tgt Ion:252 Resp: 182618
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 15.0 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 3.041 ng/ul

RT: 23.885 min Scan# 3536

Delta R.T. -0.006 min

Lab File: BM036596.D

Acq: 20 Sep 2022 00:49

Instrument :

BNA_M

ClientSampleId :

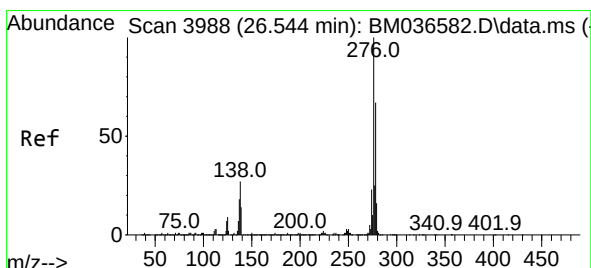
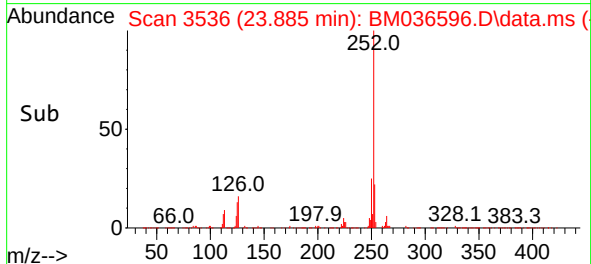
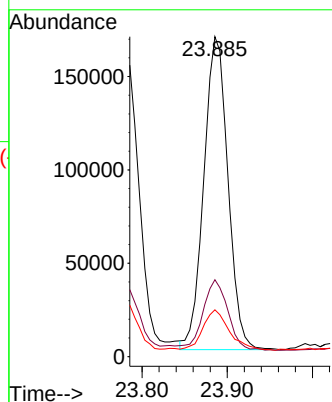
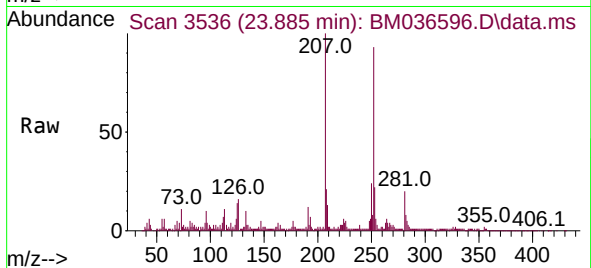
A5765

Tgt Ion:	252	Resp:	33010
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.5	26.3
125	14.6	9.5	14.3

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.746 ng/ul

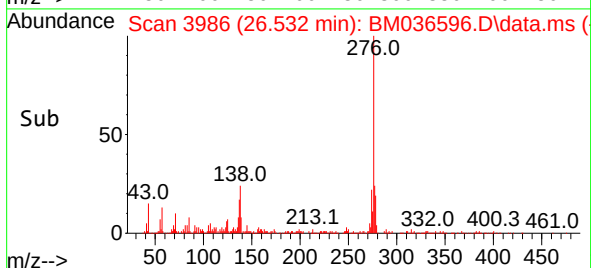
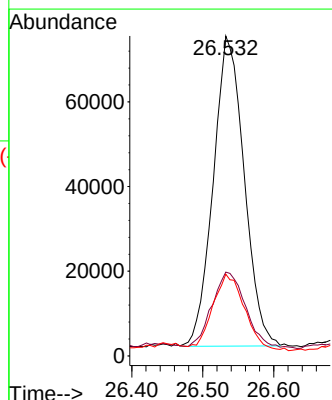
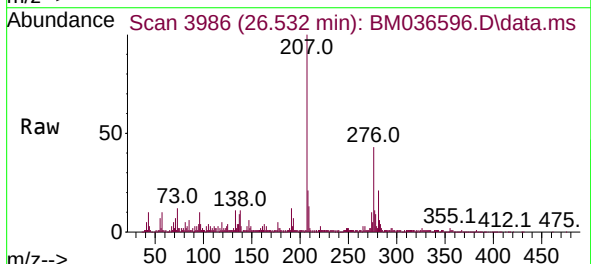
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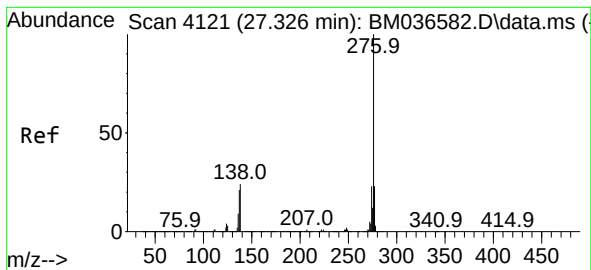
Delta R.T. -0.018 min

Lab File: BM036596.D

Acq: 20 Sep 2022 00:49

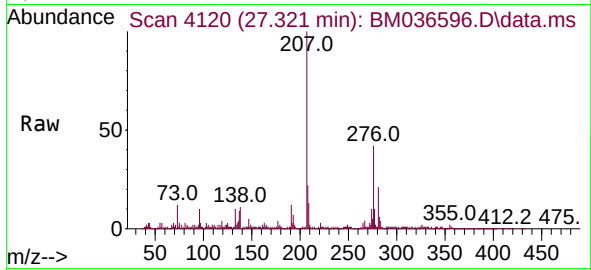
Tgt Ion:	276	Resp:	221421
Ion Ratio	Lower	Upper	
276	100		
138	26.2	20.2	30.4
277	25.5	19.7	29.5





#96
 Benzo(g,h,i)perylene
 Concen: 2.220 ng/ul
 RT: 27.321 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM036596.D
 Acq: 20 Sep 2022 00:49

Instrument :
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Tgt Ion:276 Resp: 243973
 Ion Ratio Lower Upper
 276 100
 138 26.2 18.7 28.1
 277 24.1 19.2 28.8

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Reviewed By :Jagrut Upadhyay 09/20/2022
 Supervised By :mohammad ahmed 09/21/2022

