

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036928.D
 Acq On : 11 Oct 2022 03:51
 Operator : CG/JU
 Sample : N4991-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 11 04:23:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7715	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	26721	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.576	164	14746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	29940	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	23115	0.400	ng/ul	0.00
23) Perylene-d12	23.878	264	19078	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	42240	3.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	12313	0.305	ng/ul	-0.01
18) Fluoranthene-d10	19.336	212	25976	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	57801	0.757	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	45331	0.970	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	35531	0.749	ng/ul	99
10) Acenaphthylene	14.298	152	3500	0.057	ng/ul#	69
15) Phenanthrene	17.356	178	33785	0.353	ng/ul	100
16) Anthracene	17.449	178	2540	0.032	ng/ul#	86
19) Fluoranthene	19.364	202	20790	0.226	ng/ul	98
20) Pyrene	19.727	202	21075m	0.220	ng/ul	
21) Benzo(a)anthracene	21.464	228	10005	0.120	ng/ul#	93
22) Chrysene	21.519	228	14404	0.161	ng/ul	96
24) Benzo(b)fluoranthene	23.147	252	13832	0.162	ng/ul#	74
25) Benzo(k)fluoranthene	23.194	252	4645m	0.056	ng/ul	
26) Benzo(a)pyrene	23.770	252	7176	0.104	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.355	276	4520	0.046	ng/ul#	97
29) Benzo(g,h,i)perylene	27.120	276	4269	0.049	ng/ul#	81

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

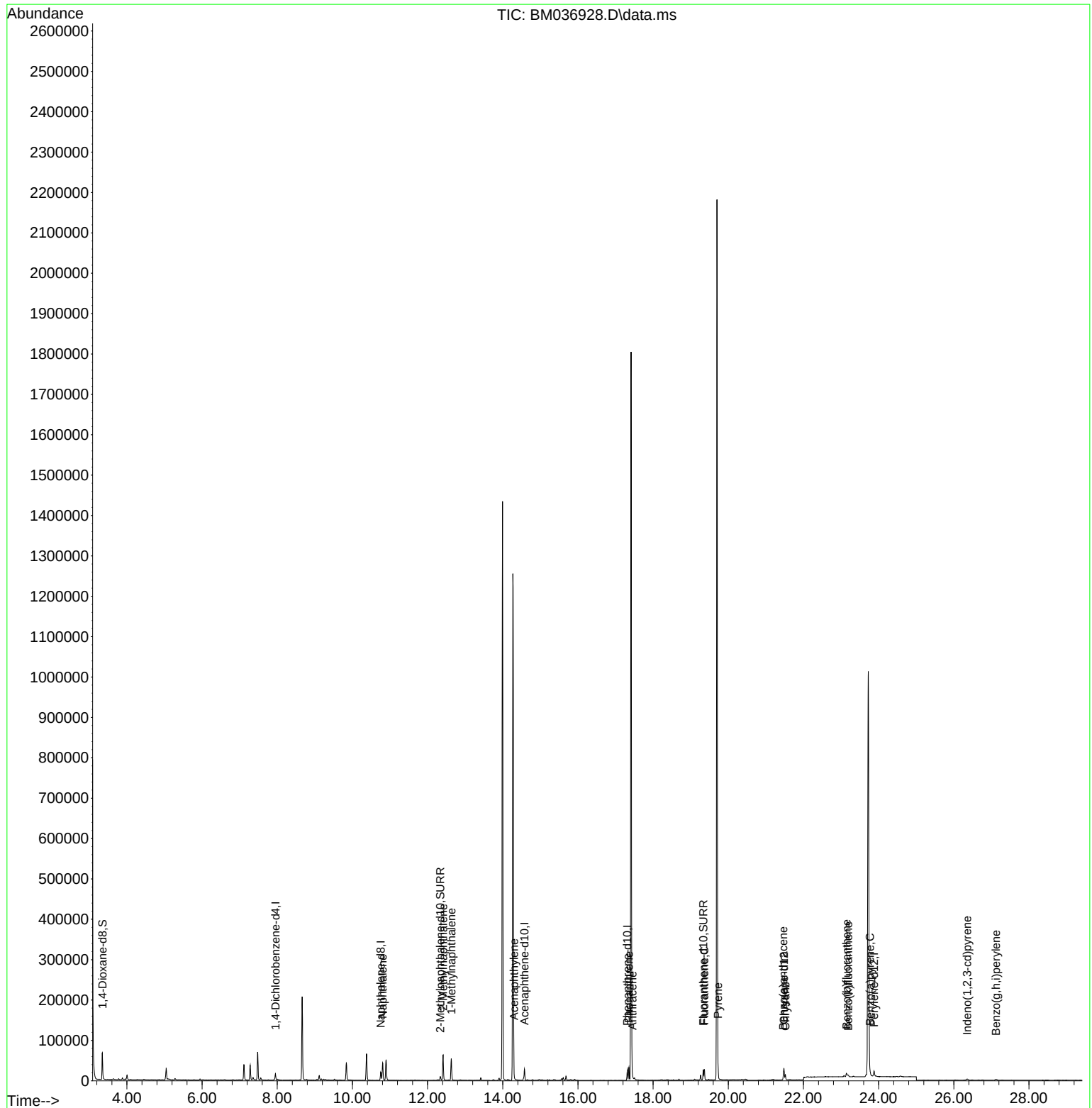
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036928.D
Acq On : 11 Oct 2022 03:51
Operator : CG/JU
Sample : N4991-12
Misc :
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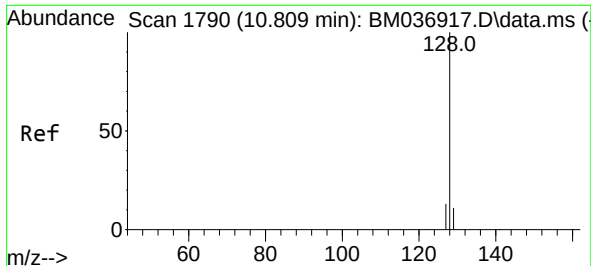
Instrument :
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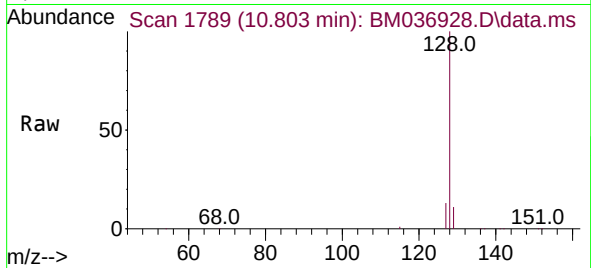
Quant Time: Oct 11 04:23:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.757 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.011 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

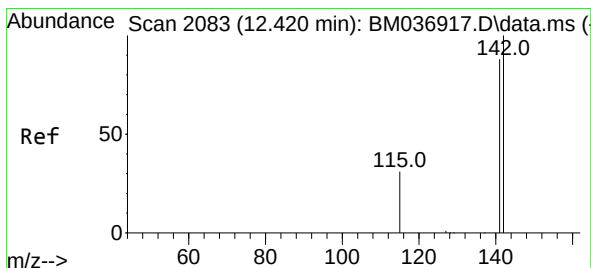
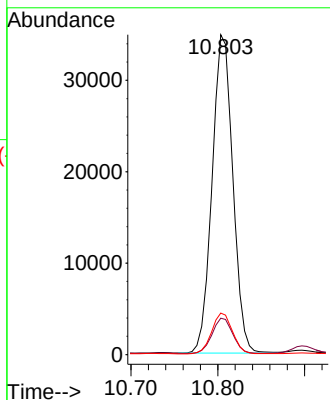
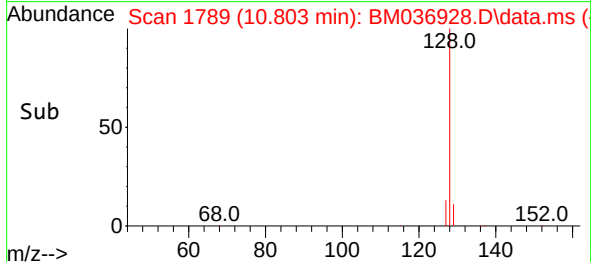
Instrument :
BNA_M
ClientSampleId :
C0BL5



Tgt Ion:128 Resp: 5780
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.0 11.7 17.5

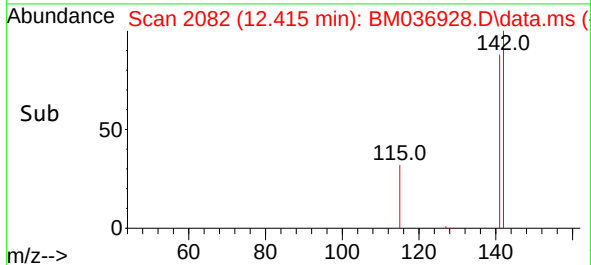
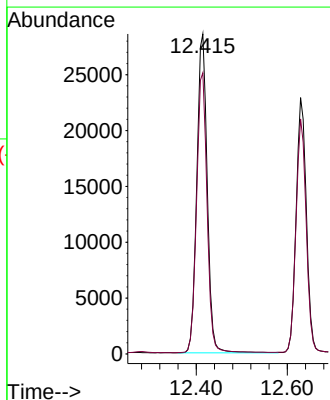
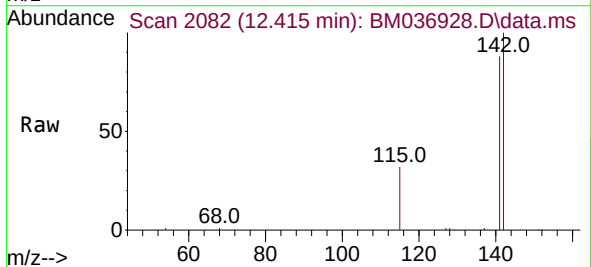
Manual Integrations
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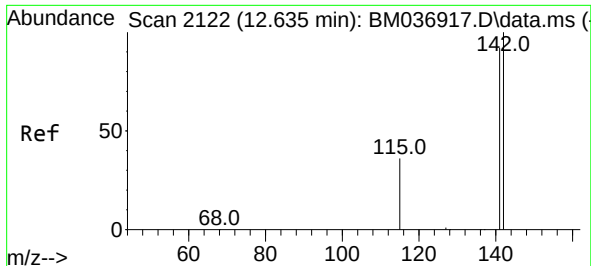
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.970 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

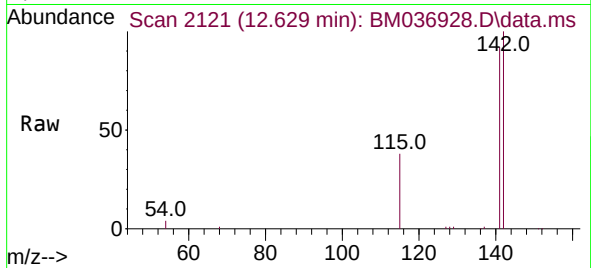
Tgt Ion:142 Resp: 45331
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.749 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

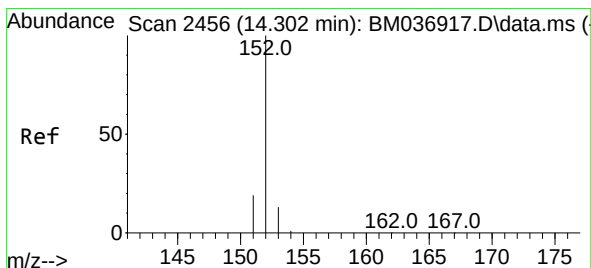
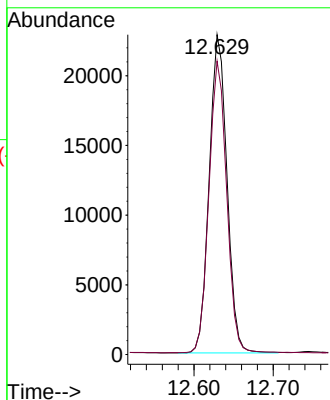
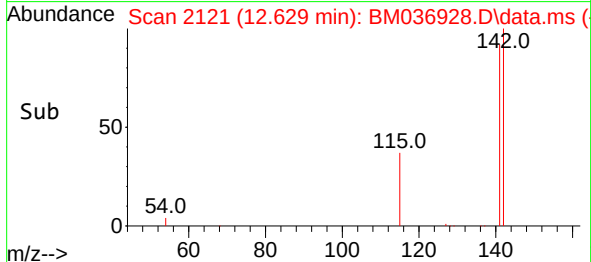
Instrument :
BNA_M
ClientSampleId :
C0BL5



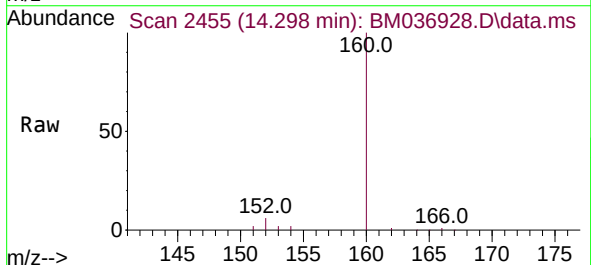
Tgt Ion:142 Resp: 3553
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1

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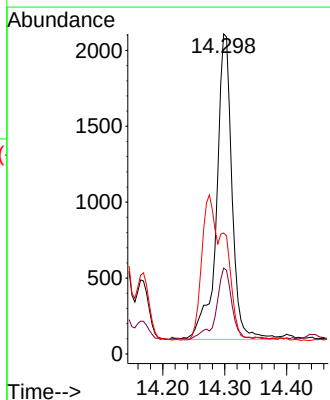
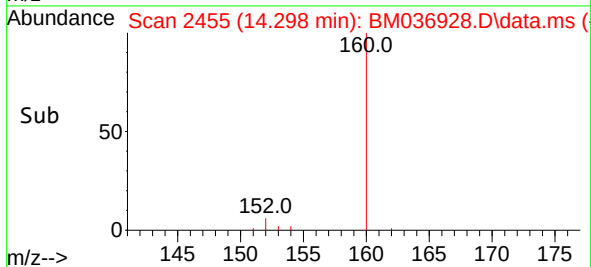
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

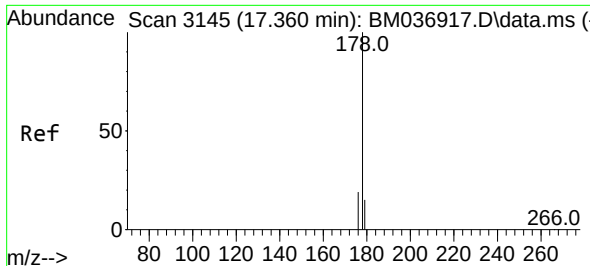


#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51



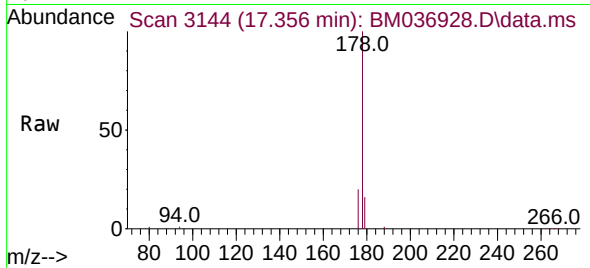
Tgt Ion:152 Resp: 3500
Ion Ratio Lower Upper
152 100
151 26.8 16.6 24.8#
153 37.8 11.4 17.0#





#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

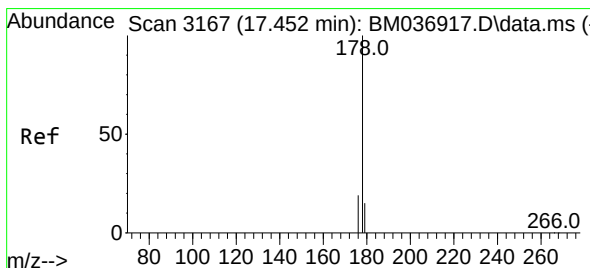
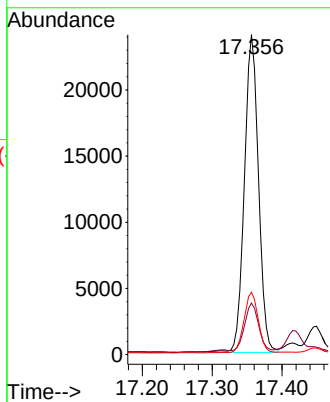
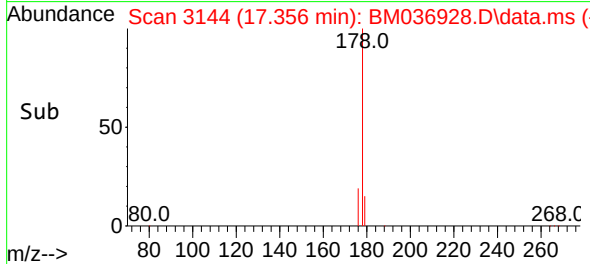
Instrument :
BNA_M
ClientSampleId :
C0BL5



Tgt Ion:178 Resp: 33785
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.5 15.6 23.4

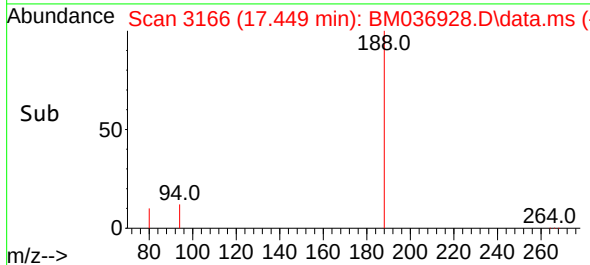
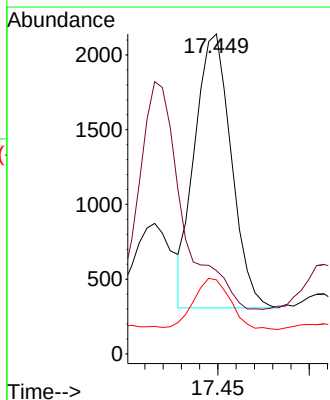
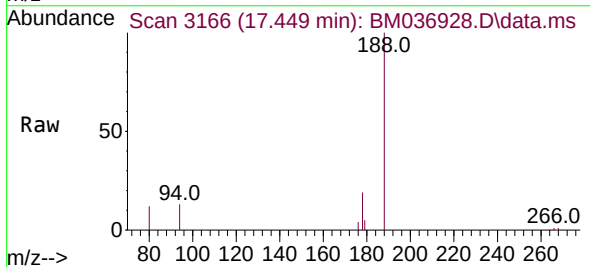
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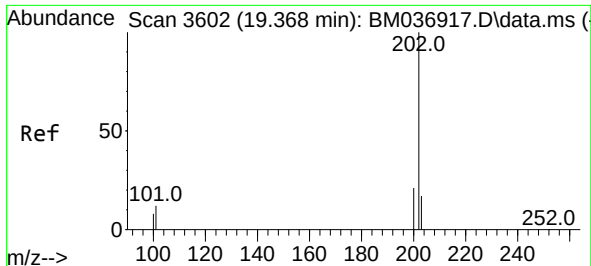
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#16
Anthracene
Concen: 0.032 ng/ul
RT: 17.449 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

Tgt Ion:178 Resp: 2540
Ion Ratio Lower Upper
178 100
179 26.0 13.6 20.4#
176 23.1 15.6 23.4





#19

Fluoranthene

Concen: 0.226 ng/ul

RT: 19.364 min Scan# 30

Delta R.T. -0.009 min

Lab File: BM036928.D

Acq: 11 Oct 2022 03:51

Instrument :

BNA_M

ClientSampleId :

C0BL5

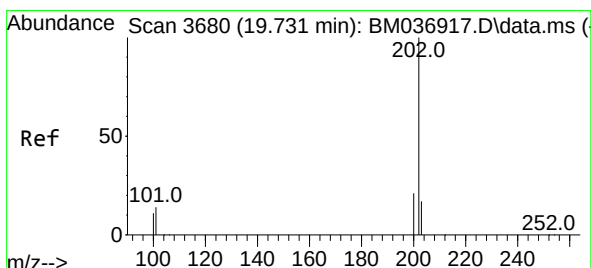
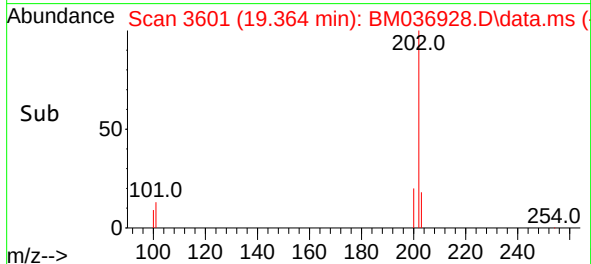
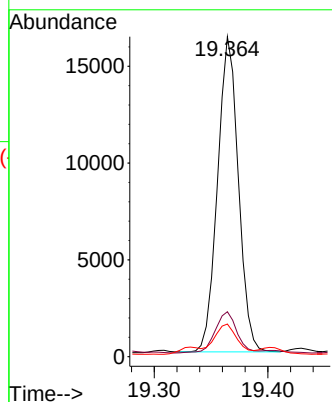
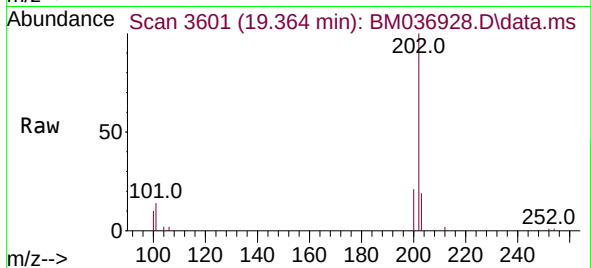
Tgt Ion:202 Resp: 20790

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.1	15.1
100	10.2	7.9	11.9

Manual Integrations

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Supervised By :mohammad ahmed 10/12/2022



#20

Pyrene

Concen: 0.220 ng/ul m

RT: 19.727 min Scan# 3679

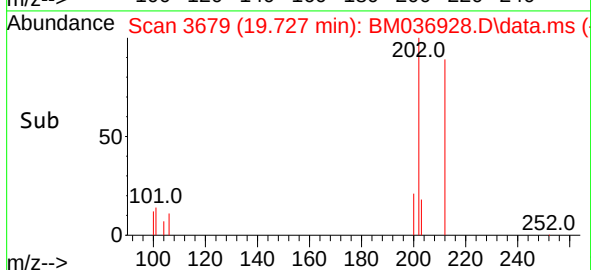
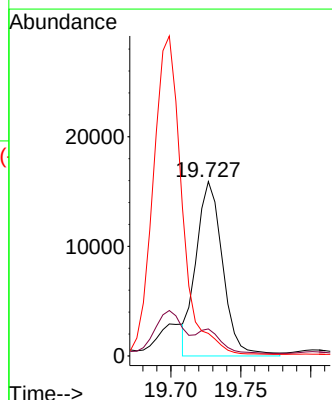
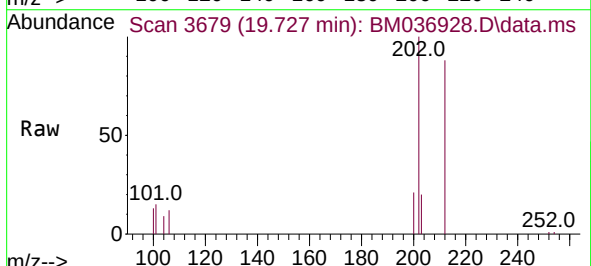
Delta R.T. -0.005 min

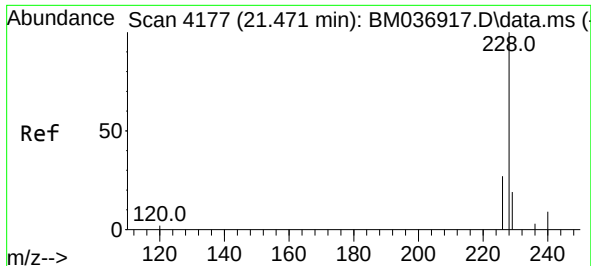
Lab File: BM036928.D

Acq: 11 Oct 2022 03:51

Tgt Ion:202 Resp: 21075

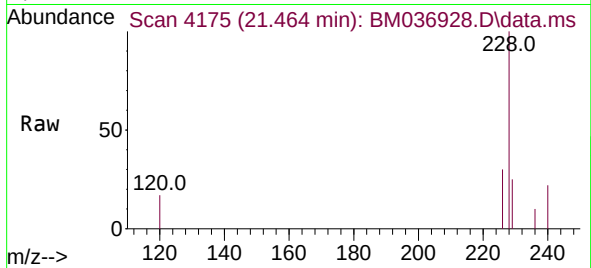
Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.0	18.0
100	12.9	9.8	14.6





#21
Benzo(a)anthracene
Concen: 0.120 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.009 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

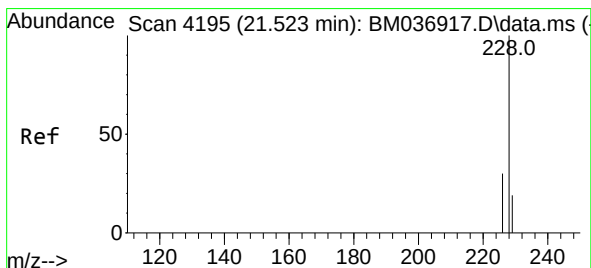
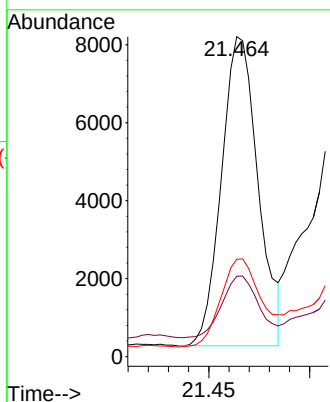
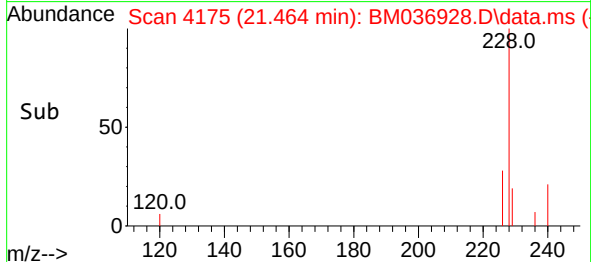
Instrument :
BNA_M
ClientSampleId :
C0BL5



Tgt Ion:228 Resp: 1000
Ion Ratio Lower Upper
228 100
229 25.2 16.2 24.2
226 30.4 22.5 33.7

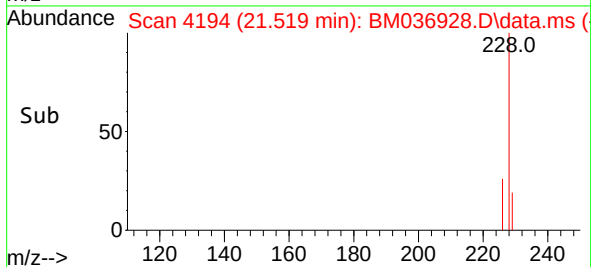
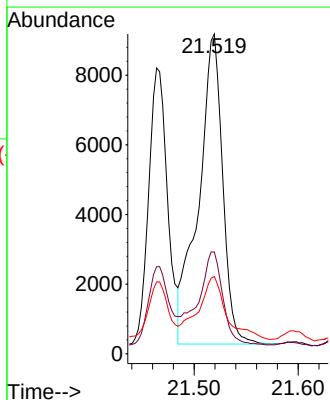
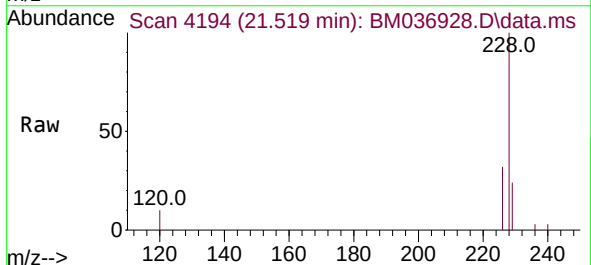
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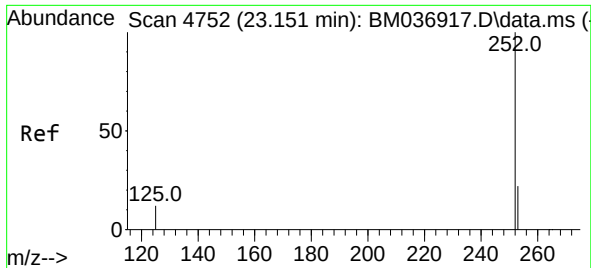
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.161 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.006 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

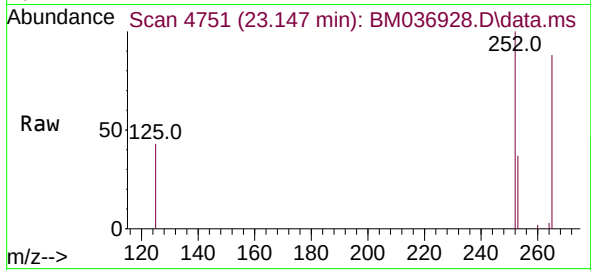
Tgt Ion:228 Resp: 14404
Ion Ratio Lower Upper
228 100
226 31.8 24.6 37.0
229 24.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.162 ng/ul
RT: 23.147 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

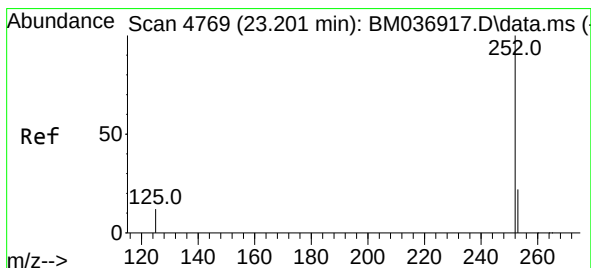
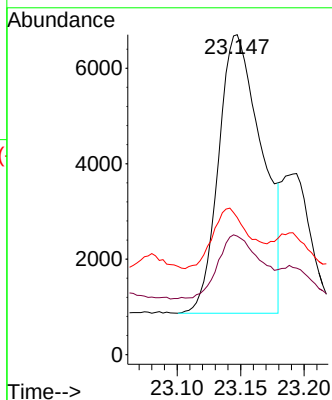
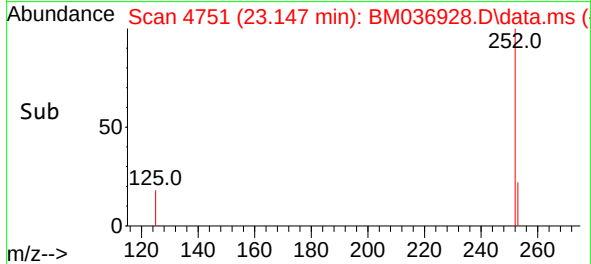
Instrument :
BNA_M
ClientSampleId :
C0BL5



Tgt Ion:252 Resp: 13832
Ion Ratio Lower Upper
252 100
253 37.0 0.0 61.4
125 42.8 0.0 42.6

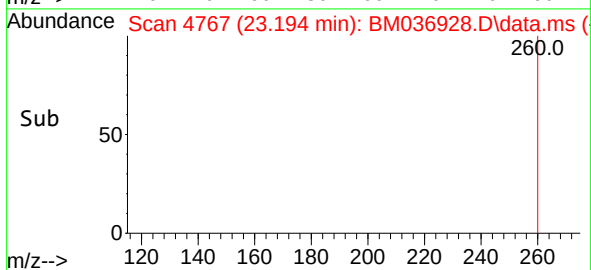
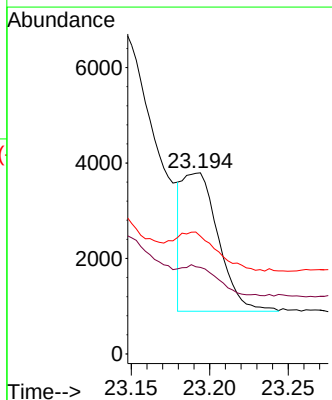
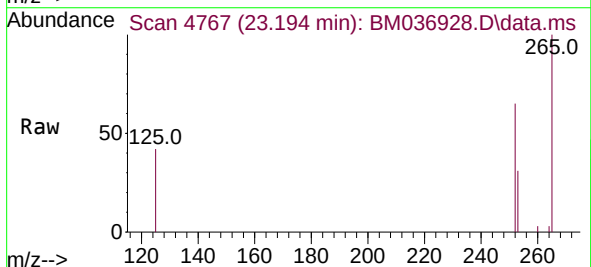
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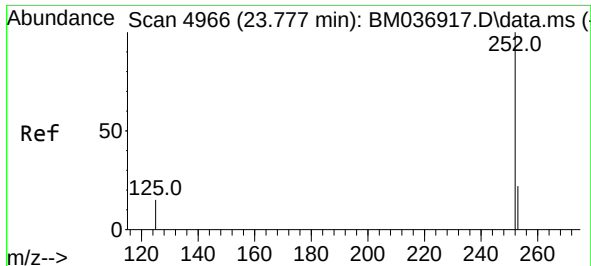
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 23.194 min Scan# 4767
Delta R.T. -0.009 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

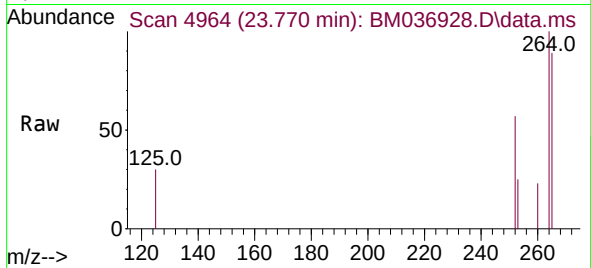
Tgt Ion:252 Resp: 4645
Ion Ratio Lower Upper
252 100
253 47.7 25.2 37.8#
125 65.0 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.770 min Scan# 4966
Delta R.T. -0.012 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

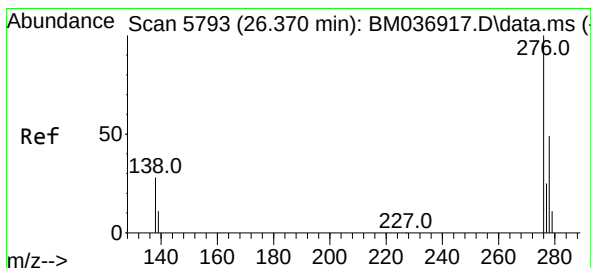
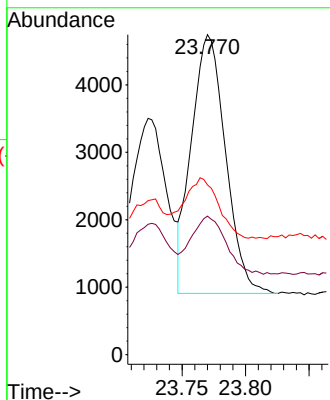
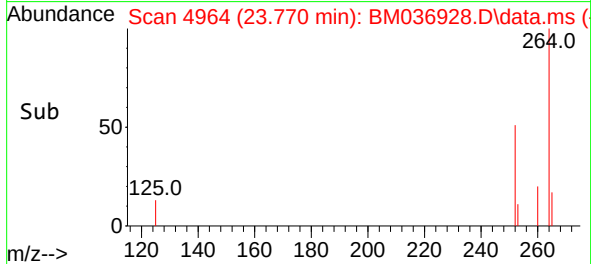
Instrument :
BNA_M
ClientSampleId :
COBL5



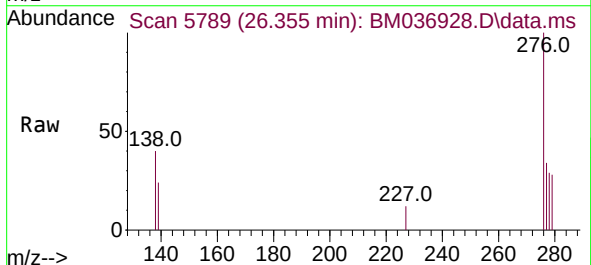
Tgt Ion:252 Resp: 7176
Ion Ratio Lower Upper
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253 43.3 29.7 44.5
125 53.1 23.6 35.4

Manual Integrations
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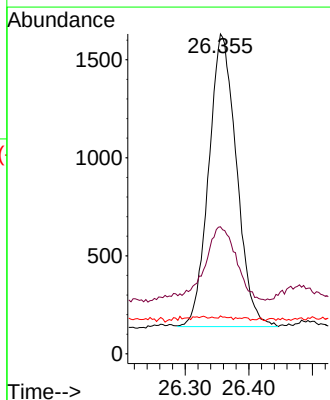
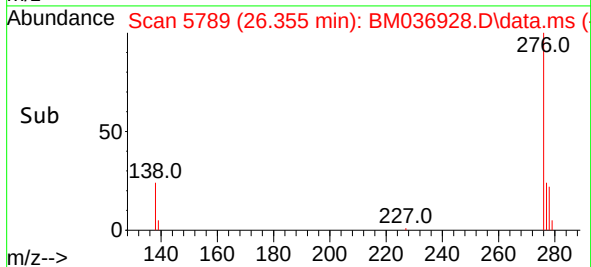
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

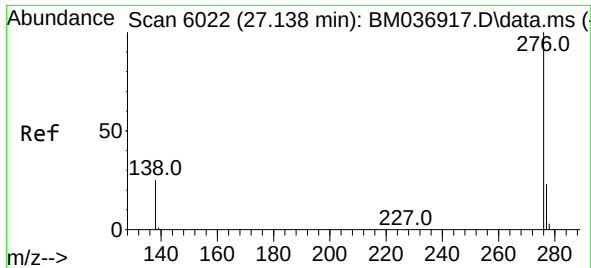


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 26.355 min Scan# 5789
Delta R.T. -0.027 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51



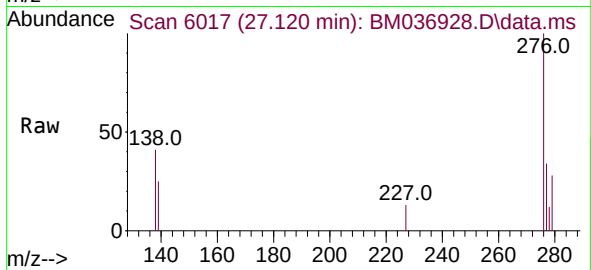
Tgt Ion:276 Resp: 4520
Ion Ratio Lower Upper
276 100
138 28.1 23.9 35.9
227 0.4 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 27.120 min Scan# 6017
Delta R.T. -0.027 min
Lab File: BM036928.D
Acq: 11 Oct 2022 03:51

Instrument :
BNA_M
ClientSampleId :
C0BL5



Tgt Ion:276 Resp: 4269
Ion Ratio Lower Upper
276 100
138 41.2 23.4 35.0
277 33.9 21.0 31.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

