

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036934.D
 Acq On : 11 Oct 2022 07:21
 Operator : CG/JU
 Sample : N4991-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE9

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 07:58:27 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	16140	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	56109	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.575	164	30408	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.313	188	64593	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	46883	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	36933	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	36540	1.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	9576	0.113	ng/ul	-0.01
18) Fluoranthene-d10	19.331	212	22852	0.163	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	3966	0.025	ng/ul	97
10) Acenaphthylene	14.297	152	4129	0.033	ng/ul#	94
15) Phenanthrene	17.355	178	24131	0.117	ng/ul	99
16) Anthracene	17.444	178	4649	0.027	ng/ul#	93
19) Fluoranthene	19.363	202	61967	0.332	ng/ul	99
20) Pyrene	19.726	202	51545m	0.265	ng/ul	
21) Benzo(a)anthracene	21.465	228	21968	0.130	ng/ul	98
22) Chrysene	21.520	228	24969	0.137	ng/ul	98
24) Benzo(b)fluoranthene	23.145	252	28526	0.173	ng/ul	90
25) Benzo(k)fluoranthene	23.192	252	8497m	0.053	ng/ul	
26) Benzo(a)pyrene	23.771	252	16079	0.120	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.360	276	11125	0.059	ng/ul#	93
29) Benzo(g,h,i)perylene	27.124	276	10246	0.061	ng/ul	94

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

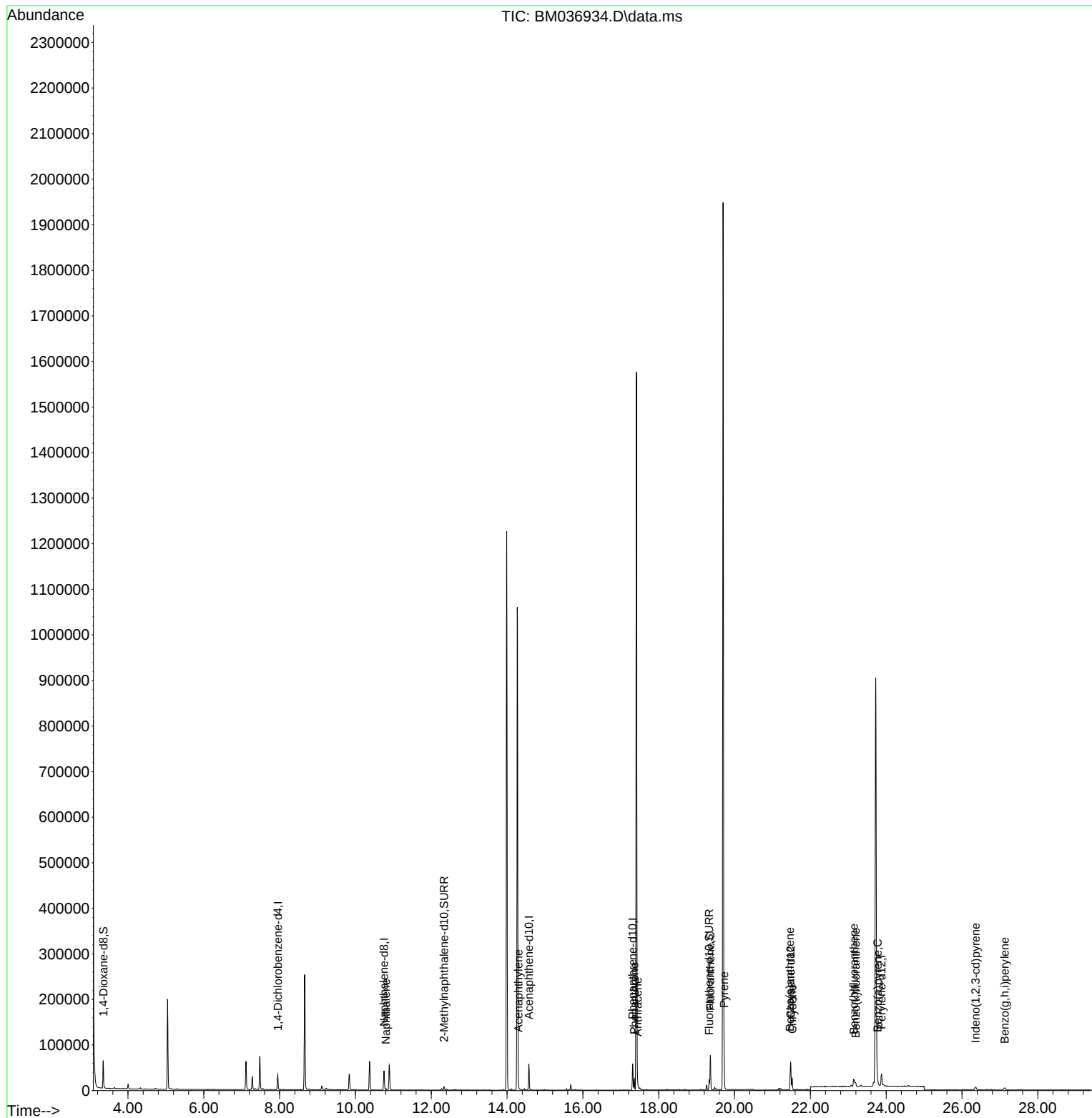
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036934.D
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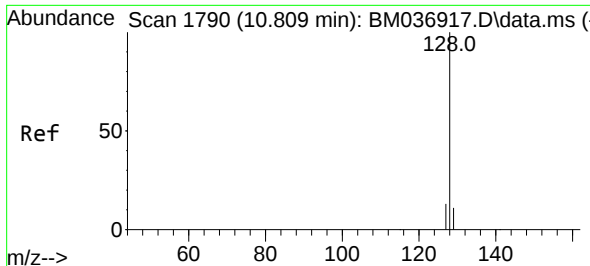
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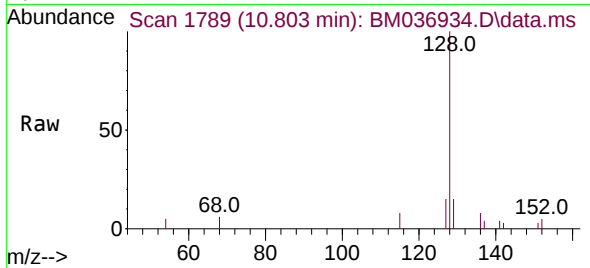
Quant Time: Oct 11 07:58:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.011 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

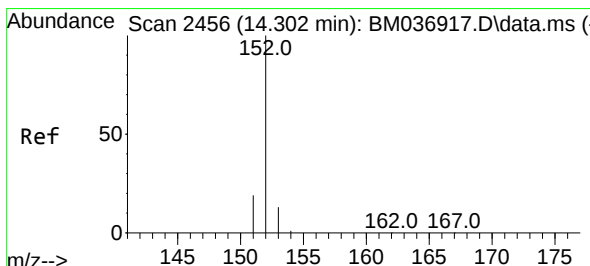
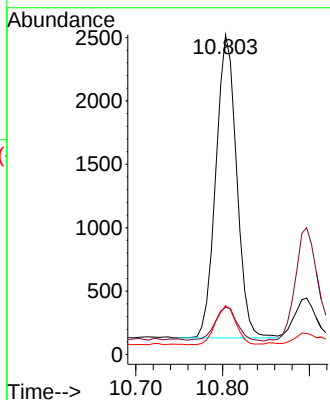
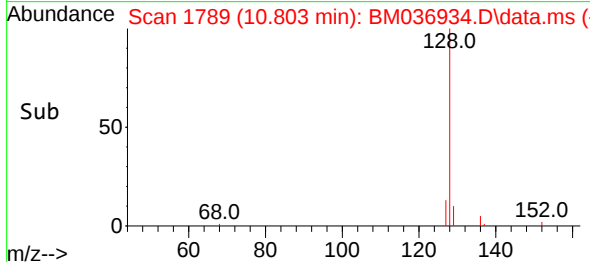
Instrument :
BNA_M
ClientSampleId :
C0BE9



Tgt Ion:128 Resp: 3960
Ion Ratio Lower Upper
128 100
129 14.8 10.2 15.2
127 15.3 11.7 17.5

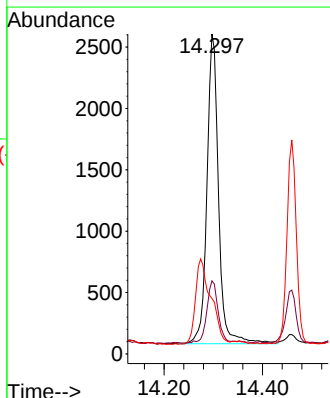
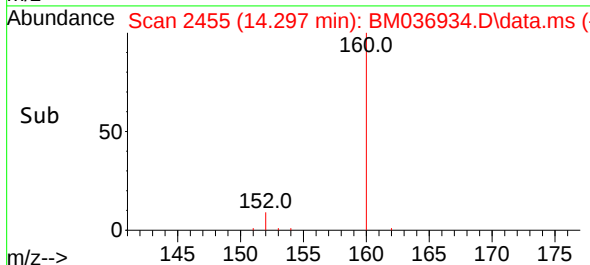
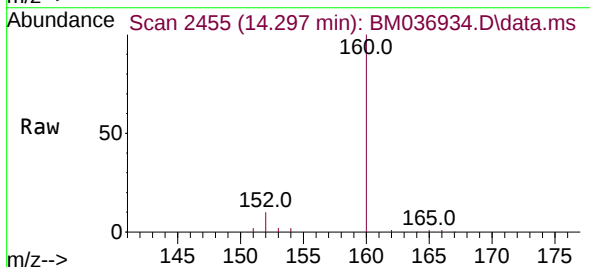
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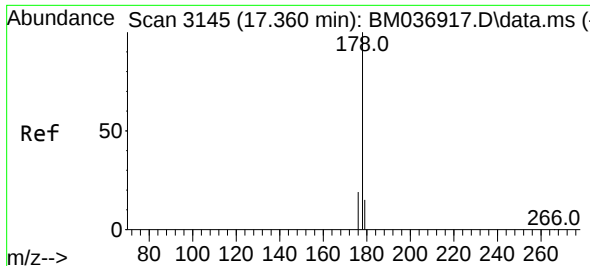
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. -0.010 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

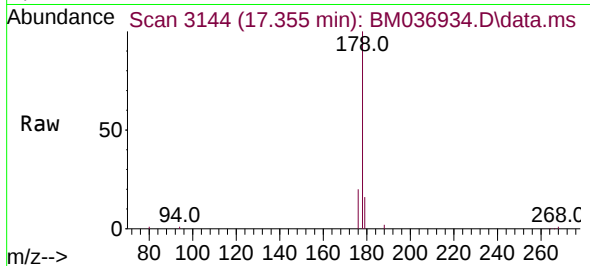
Tgt Ion:152 Resp: 4129
Ion Ratio Lower Upper
152 100
151 22.8 16.6 24.8
153 17.3 11.4 17.0#





#15
Phenanthrene
Concen: 0.117 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

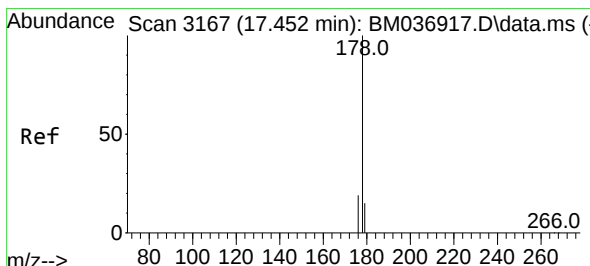
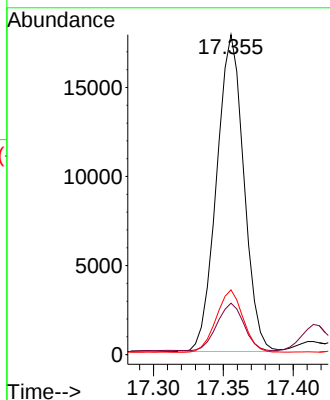
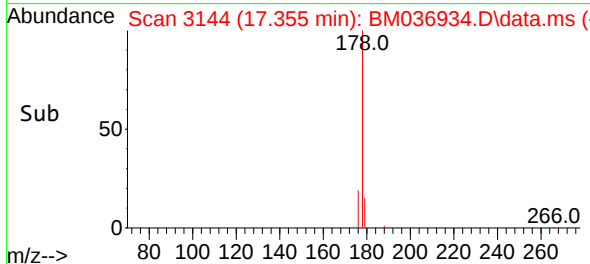
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BNA_M
ClientSampleId :
C0BE9



Tgt Ion:178 Resp: 2413
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 20.2 15.6 23.4

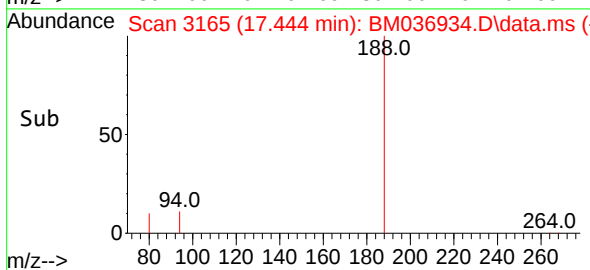
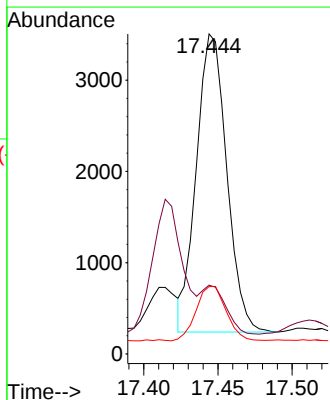
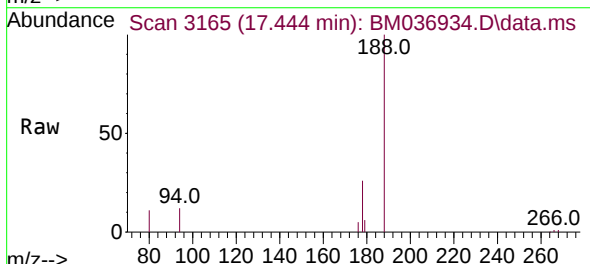
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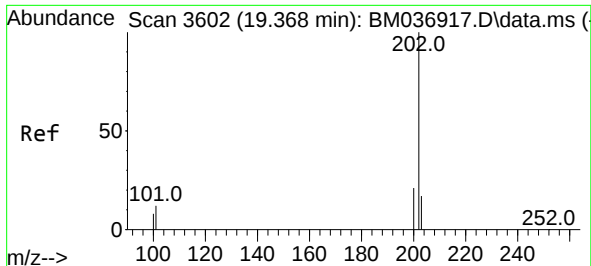
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#16
Anthracene
Concen: 0.027 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.009 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

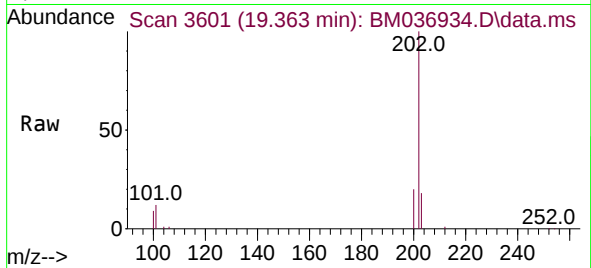
Tgt Ion:178 Resp: 4649
Ion Ratio Lower Upper
178 100
179 21.5 13.6 20.4#
176 21.0 15.6 23.4





#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. -0.010 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

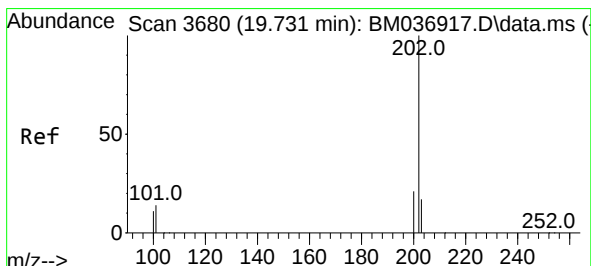
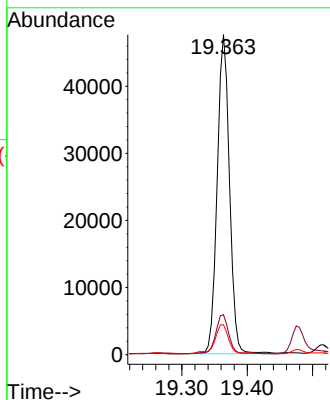
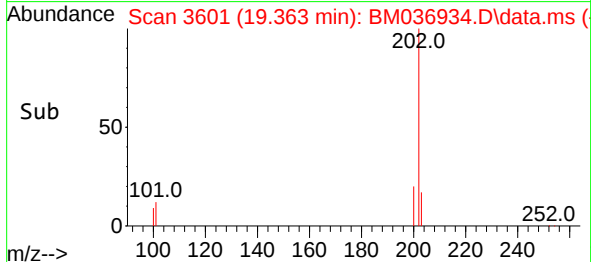
Instrument :
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ClientSampleId :
C0BE9



Tgt Ion:202 Resp: 61962
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.3 7.9 11.9

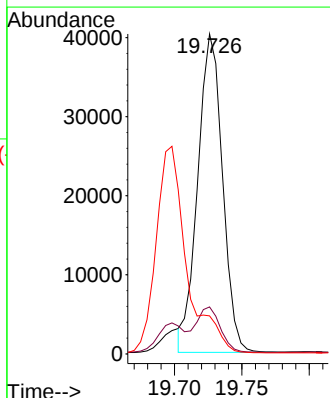
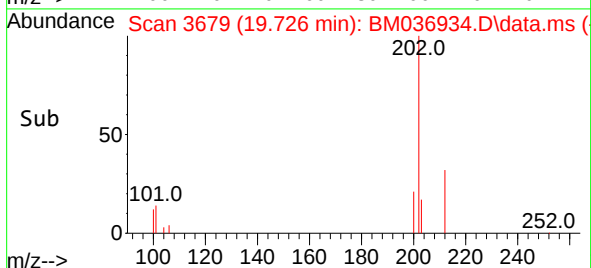
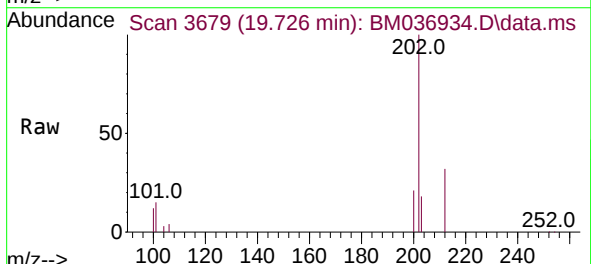
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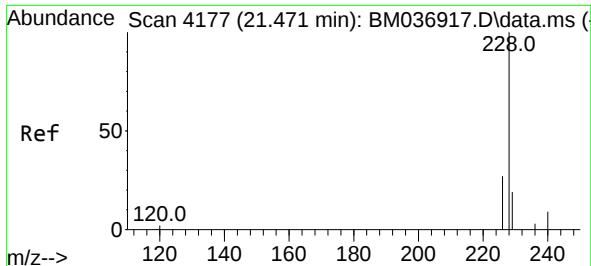
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 0.265 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. -0.006 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

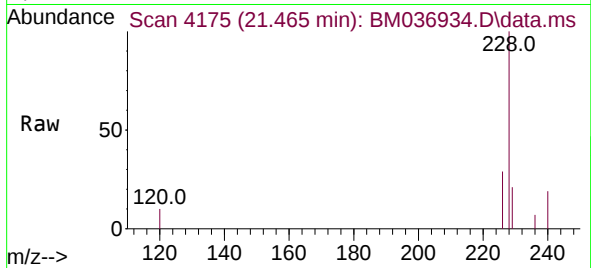
Tgt Ion:202 Resp: 51545
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.130 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.008 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

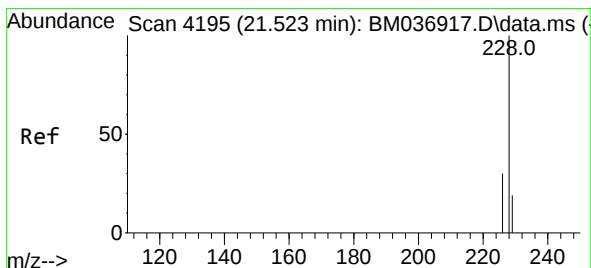
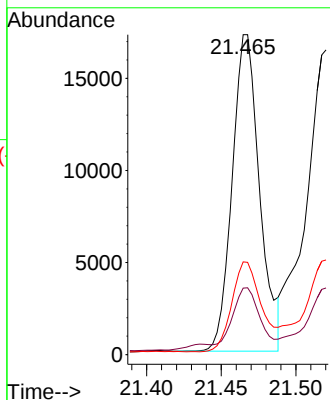
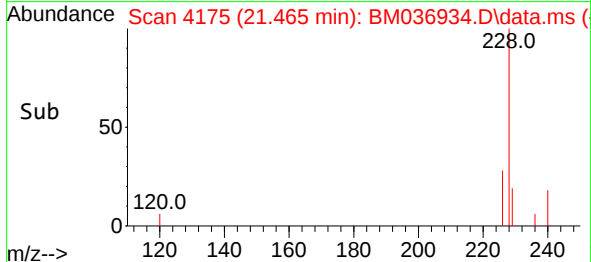
Instrument :
BNA_M
ClientSampleId :
C0BE9



Tgt Ion:228 Resp: 21968
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 29.0 22.5 33.7

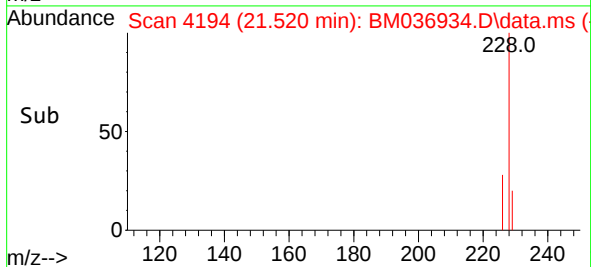
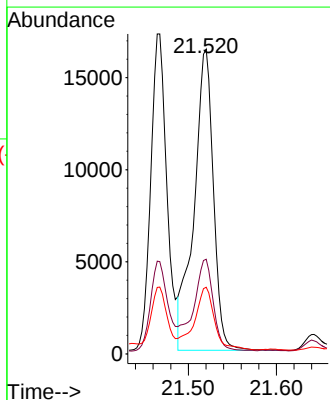
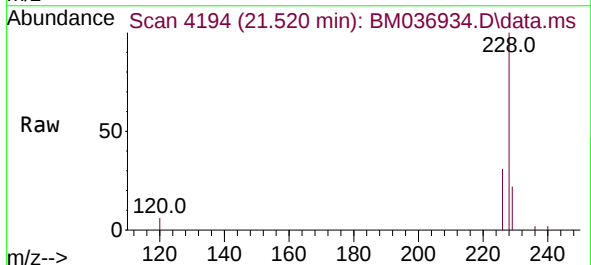
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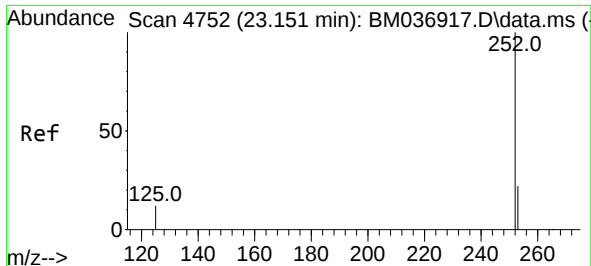
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.137 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.005 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

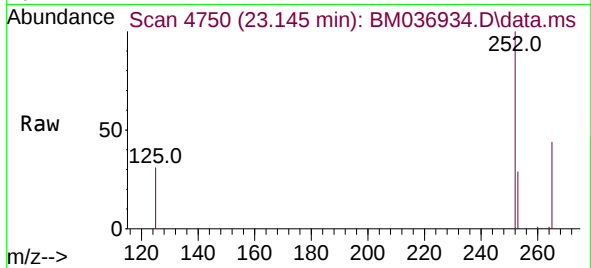
Tgt Ion:228 Resp: 24969
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 21.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.173 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.011 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

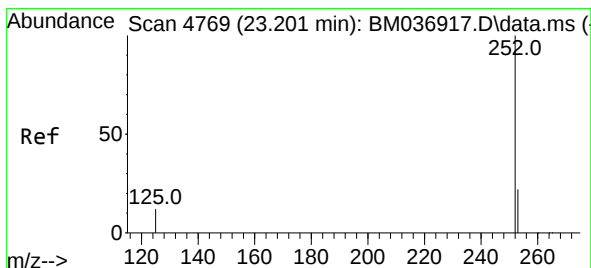
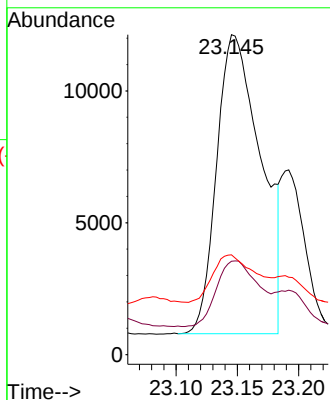
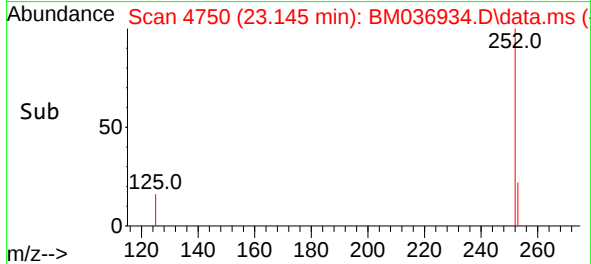
Instrument :
BNA_M
ClientSampleId :
C0BE9



Tgt Ion:252 Resp: 28526
Ion Ratio Lower Upper
252 100
253 29.2 0.0 61.4
125 31.2 0.0 42.6

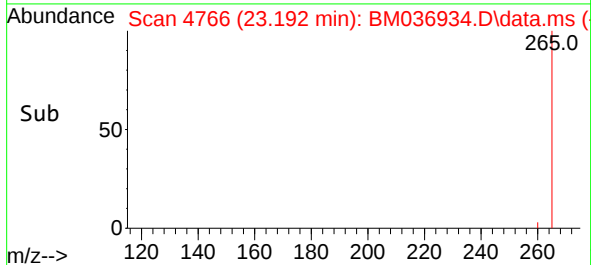
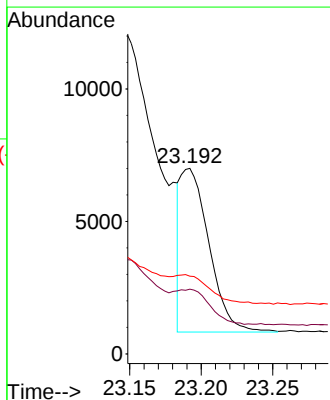
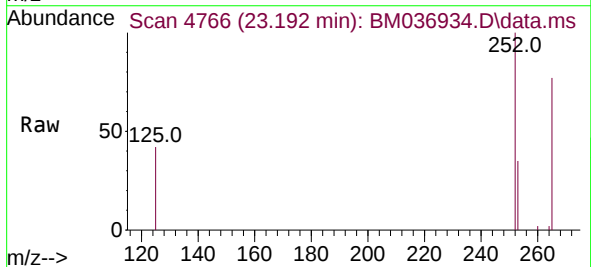
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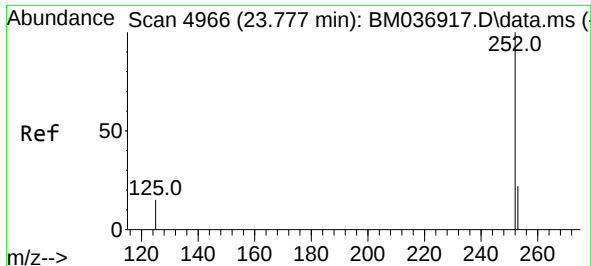
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 23.192 min Scan# 4766
Delta R.T. -0.011 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

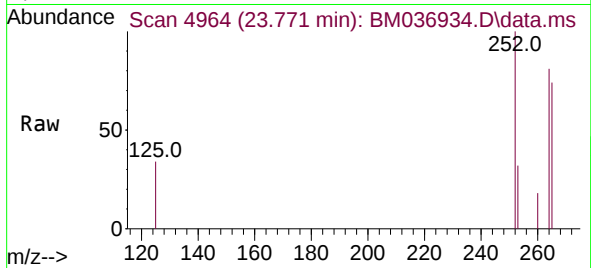
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Ion Ratio Lower Upper
252 100
253 34.8 25.2 37.8
125 41.9 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.120 ng/ul
RT: 23.771 min Scan# 4966
Delta R.T. -0.011 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

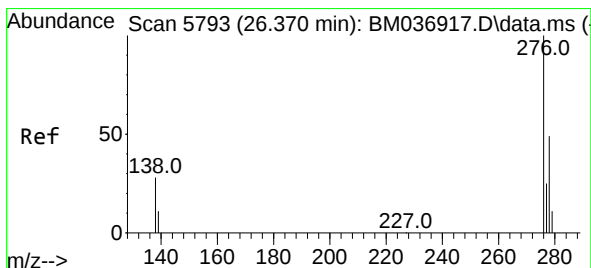
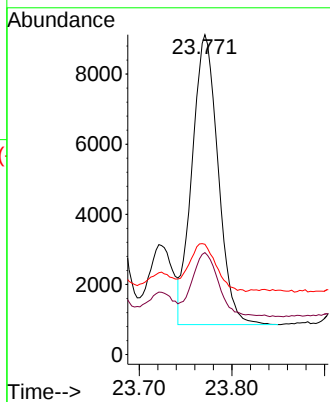
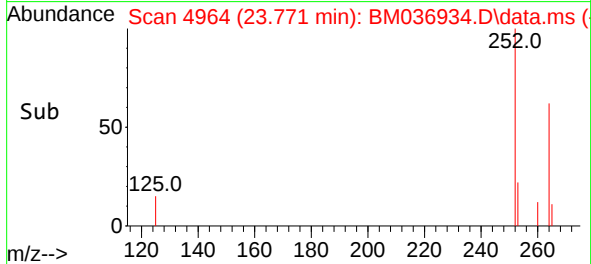
Instrument :
BNA_M
ClientSampleId :
C0BE9



Tgt Ion:252 Resp: 16079
Ion Ratio Lower Upper
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253 31.9 29.7 44.5
125 34.5 23.6 35.4

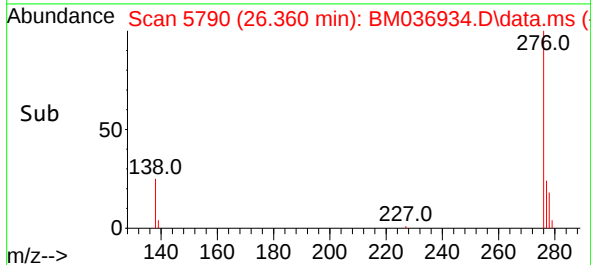
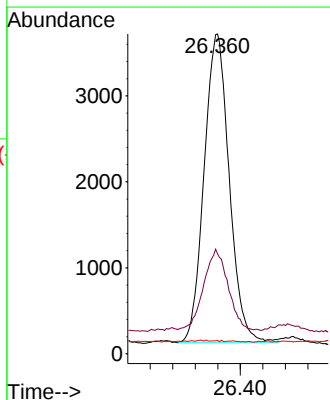
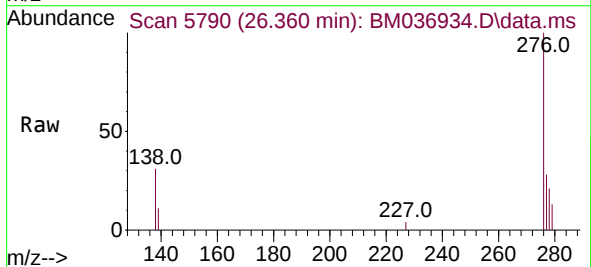
Manual Integrations
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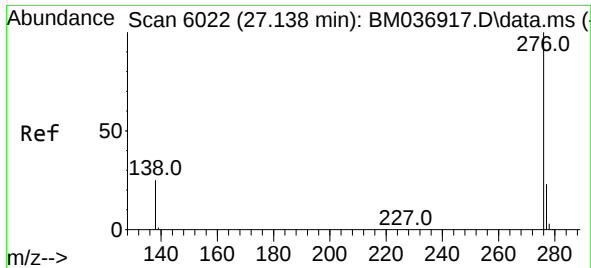
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.023 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

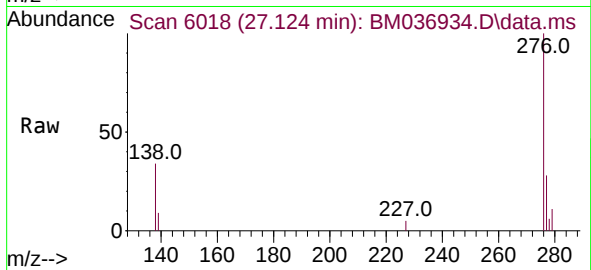
Tgt Ion:276 Resp: 11125
Ion Ratio Lower Upper
276 100
138 25.9 23.9 35.9
227 0.0 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.061 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.023 min
Lab File: BM036934.D
Acq: 11 Oct 2022 07:21

Instrument :
BNA_M
ClientSampleId :
C0BE9



Tgt Ion:276 Resp: 10246
Ion Ratio Lower Upper
276 100
138 33.8 23.4 35.0
277 27.6 21.0 31.4

Manual Integrations
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