

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036963.D
 Acq On : 12 Oct 2022 02:02
 Operator : CG/JU
 Sample : N4976-05
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X9

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 03:20:46 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8637	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29939	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	17468	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.314	188	28464	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.483	240	18320	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	18620	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	42187	3.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	11905	0.263	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	19811	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	35678	0.417	ng/ul	98
7) 2-Methylnaphthalene	12.410	142	8962	0.171	ng/ul	90
8) 1-Methylnaphthalene	12.629	142	15848	0.298	ng/ul	100
10) Acenaphthylene	14.298	152	8774	0.121	ng/ul#	23
11) Acenaphthene	14.640	153	629999	9.998	ng/ul	97
12) Fluorene	15.621	166	352285	4.934	ng/ul	98
15) Phenanthrene	17.356	178	109258	1.202	ng/ul	99
16) Anthracene	17.444	178	55383	0.729	ng/ul	94
19) Fluoranthene	19.364	202	47873	0.657	ng/ul#	91
20) Pyrene	19.726	202	30588m	0.403	ng/ul	
21) Benzo(a)anthracene	21.465	228	2860	0.043	ng/ul#	46
22) Chrysene	21.518	228	2794	0.039	ng/ul#	38
24) Benzo(b)fluoranthene	23.143	252	2200	0.026	ng/ul#	1

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

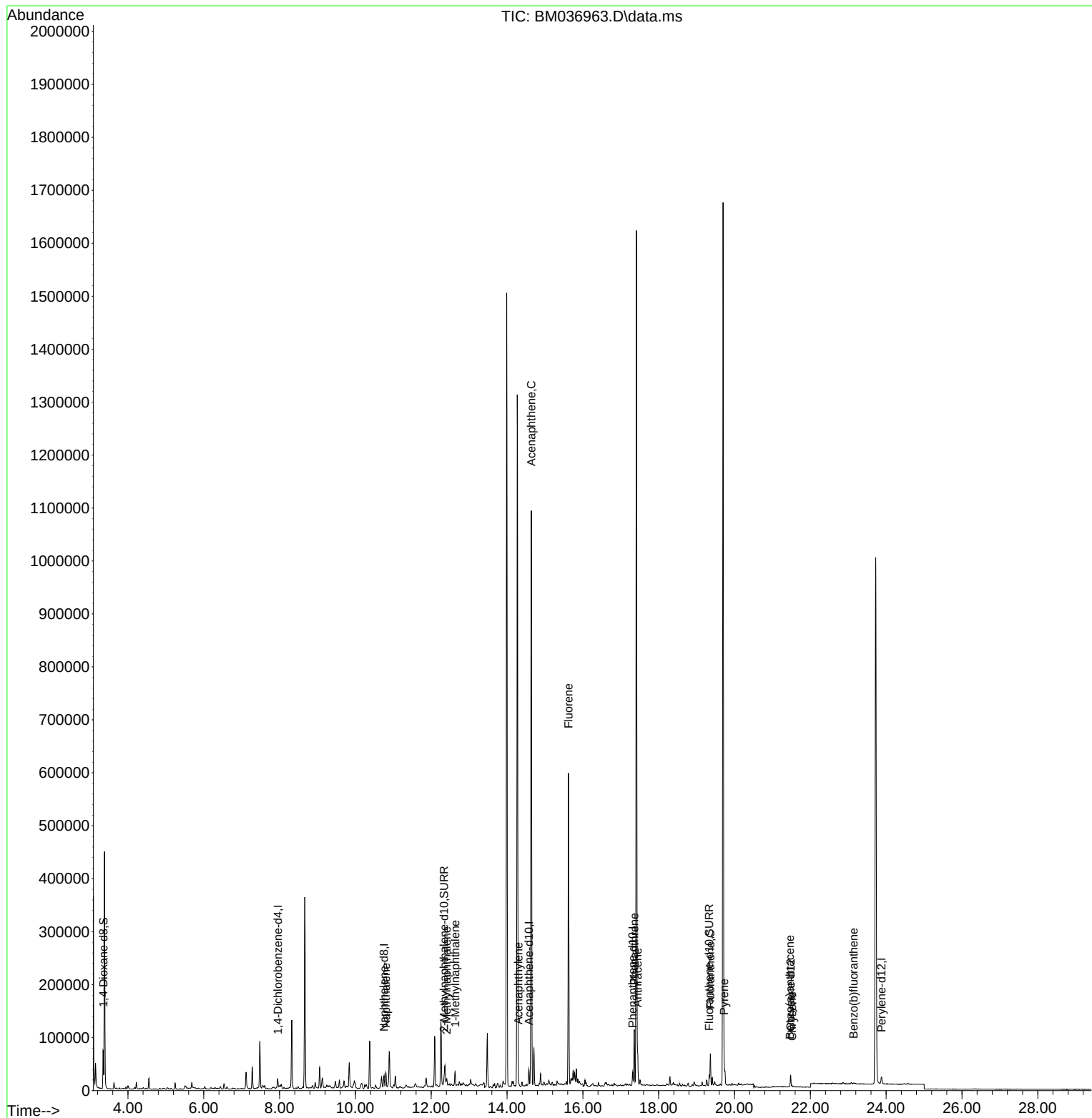
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036963.D
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ALS Vial : 66 Sample Multiplier: 1

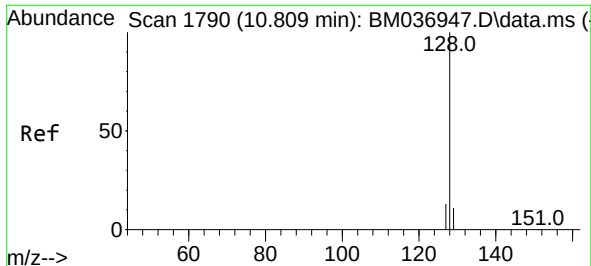
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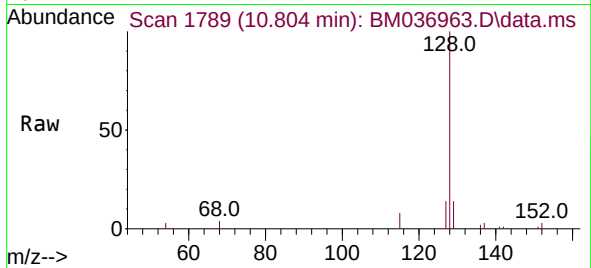
Quant Time: Oct 12 03:20:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
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#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.804 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

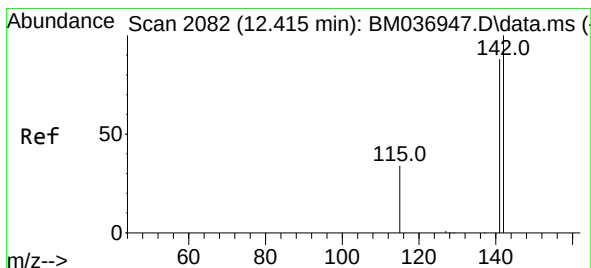
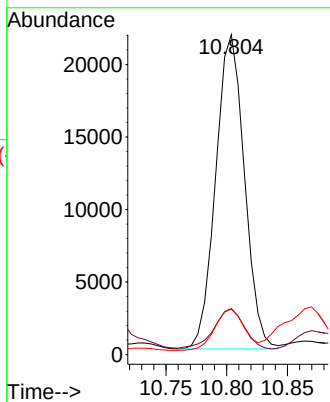
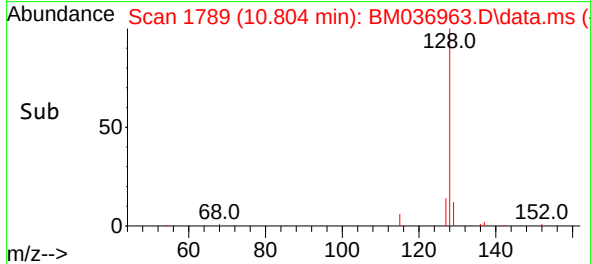
Instrument :
BNA_M
ClientSampleId :
CB8X9



Tgt Ion:128 Resp: 35678
Ion Ratio Lower Upper
128 100
129 14.2 10.2 15.2
127 14.4 11.7 17.5

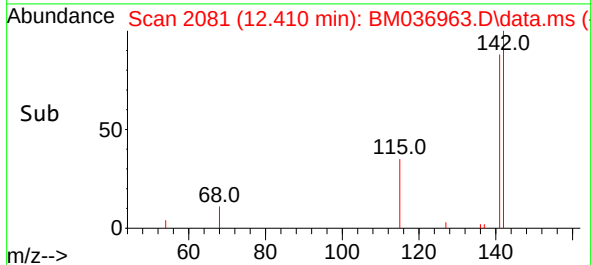
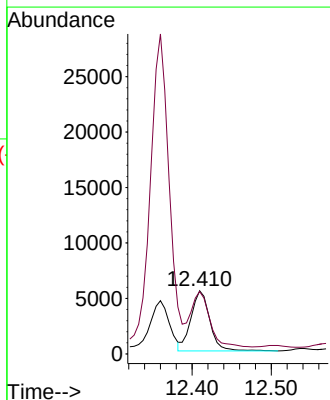
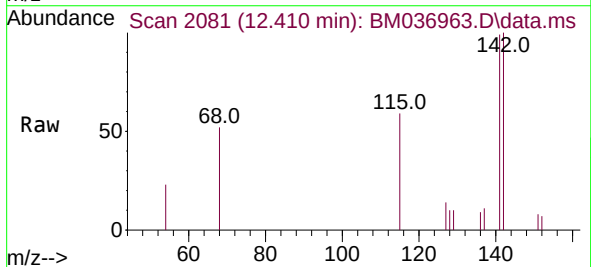
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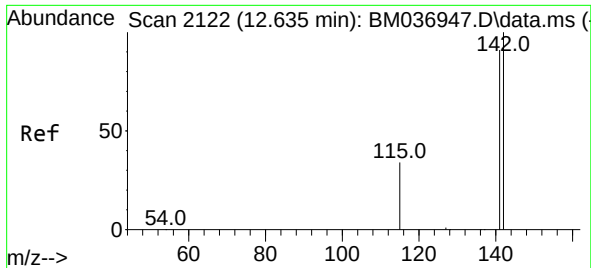
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Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.410 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

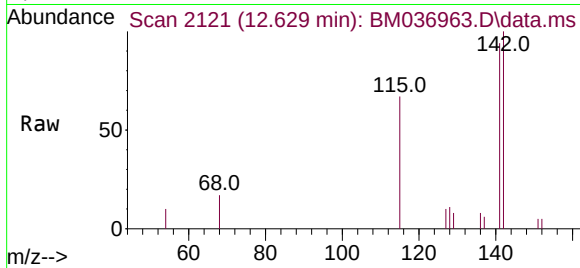
Tgt Ion:142 Resp: 8962
Ion Ratio Lower Upper
142 100
141 86.5 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

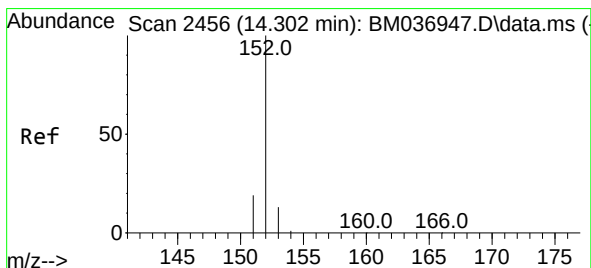
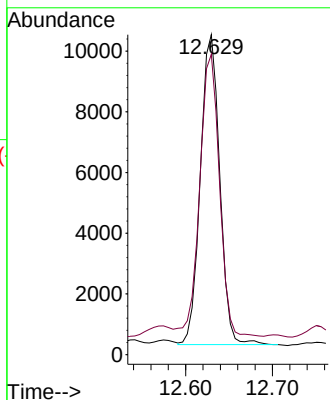
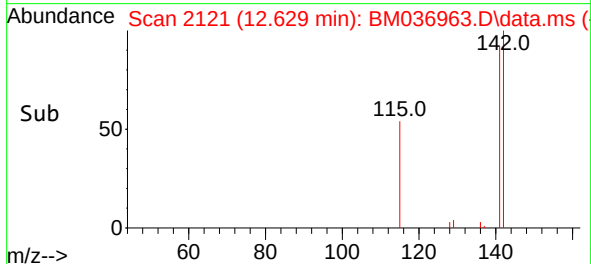
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 15848
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

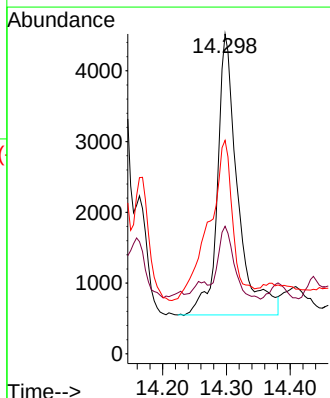
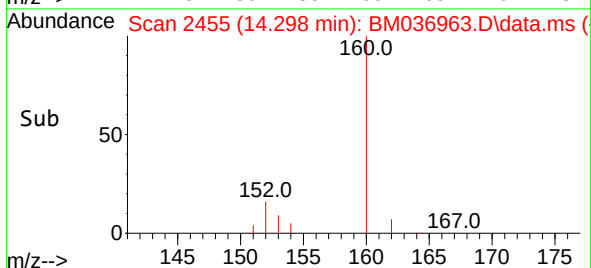
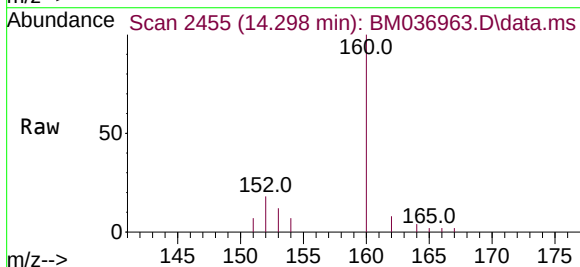
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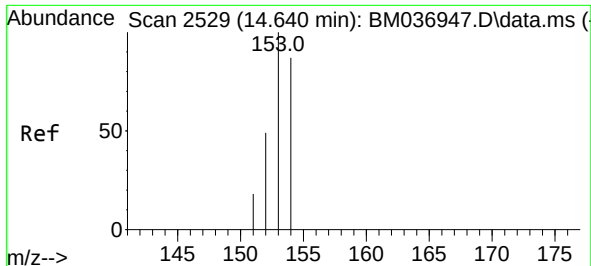
Reviewed By :Jagrut Upadhyay 10/12/2022
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#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

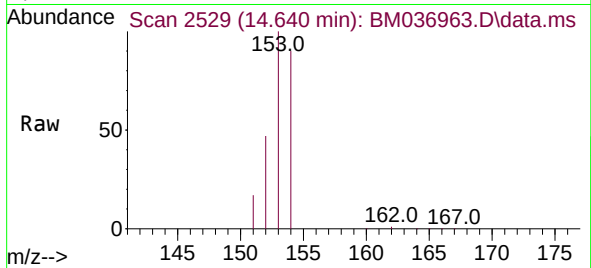
Tgt Ion:152 Resp: 8774
Ion Ratio Lower Upper
152 100
151 39.9 16.6 24.8#
153 66.7 11.4 17.0#





#11
Acenaphthene
Concen: 9.998 ng/u1
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

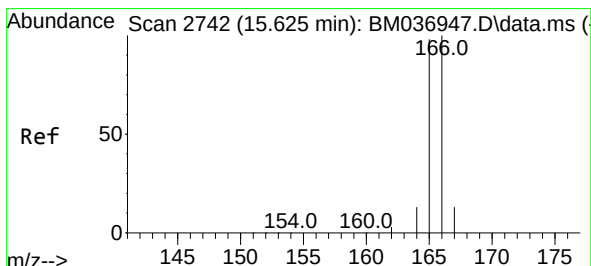
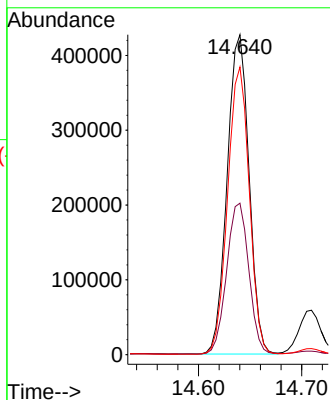
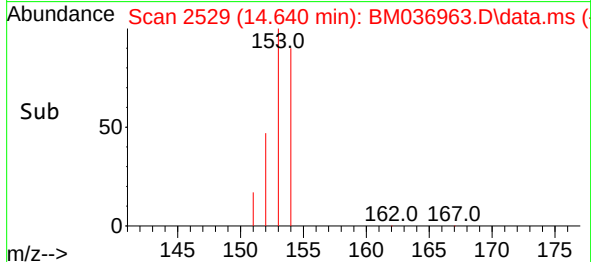
Instrument :
BNA_M
ClientSampleId :
CB8X9



Tgt Ion:153 Resp: 629999
Ion Ratio Lower Upper
153 100
152 47.3 40.2 60.4
154 89.9 69.7 104.5

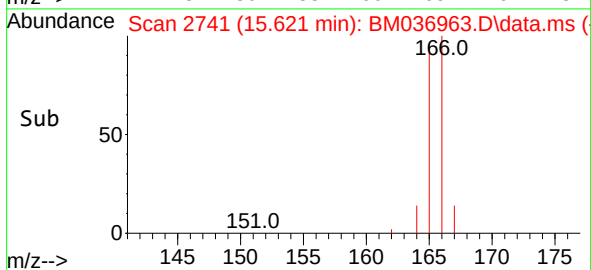
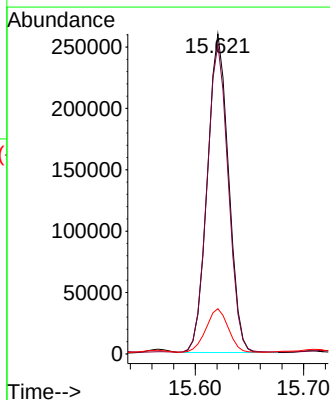
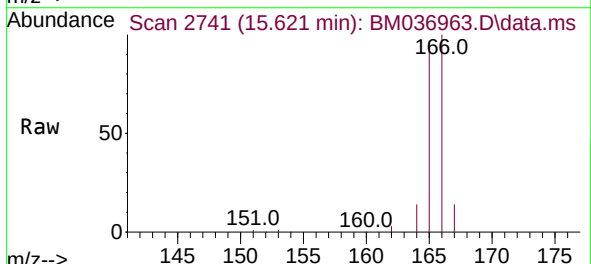
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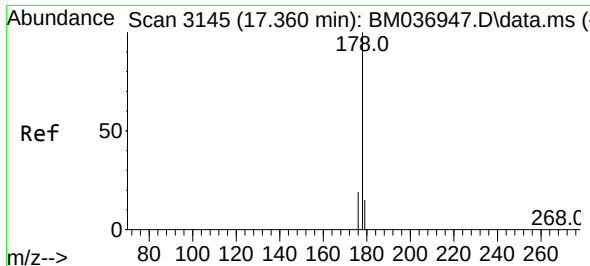
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#12
Fluorene
Concen: 4.934 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

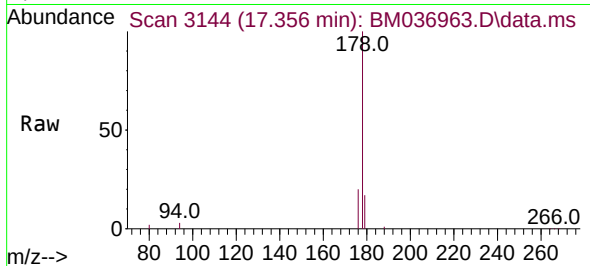
Tgt Ion:166 Resp: 352285
Ion Ratio Lower Upper
166 100
165 96.8 78.9 118.3
167 14.1 11.3 16.9





#15
Phenanthrene
Concen: 1.202 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

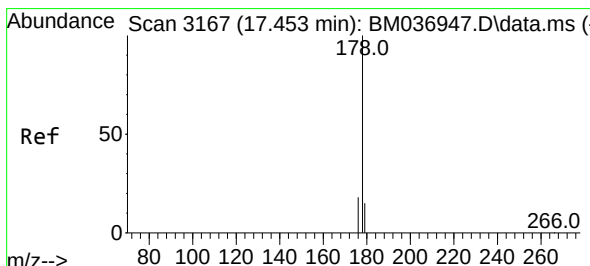
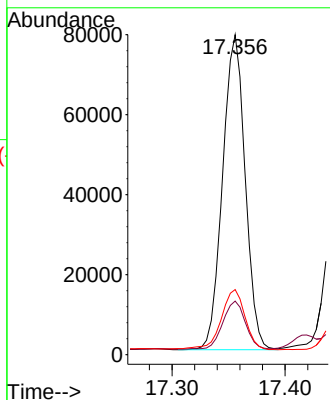
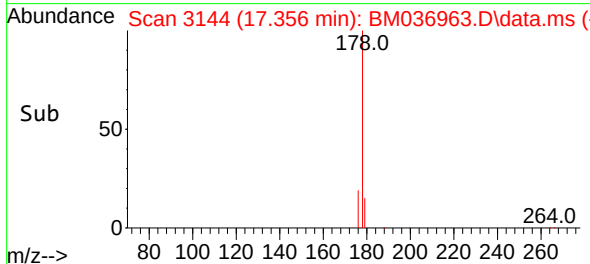
Instrument :
BNA_M
ClientSampleId :
CB8X9



Tgt Ion:178 Resp: 109258
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.3 15.6 23.4

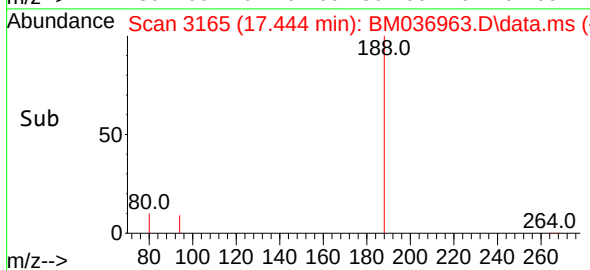
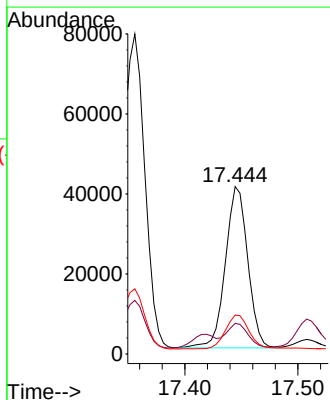
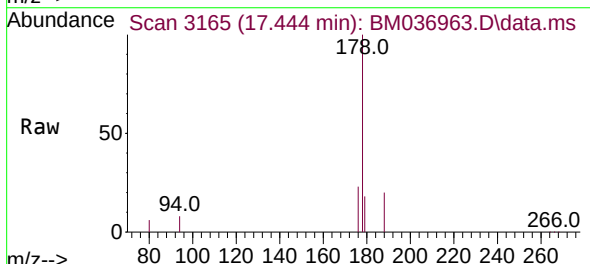
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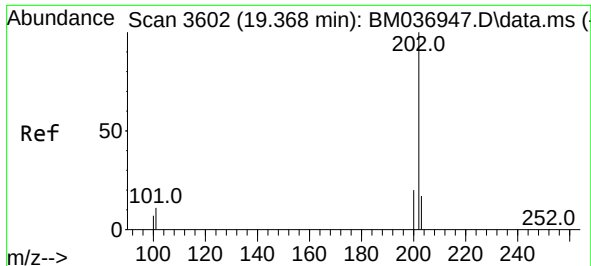
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#16
Anthracene
Concen: 0.729 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

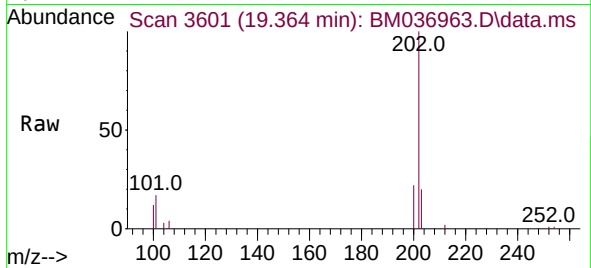
Tgt Ion:178 Resp: 55383
Ion Ratio Lower Upper
178 100
179 18.3 13.6 20.4
176 23.2 15.6 23.4





#19
Fluoranthene
Concen: 0.657 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

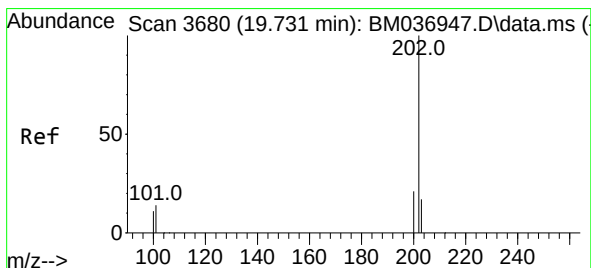
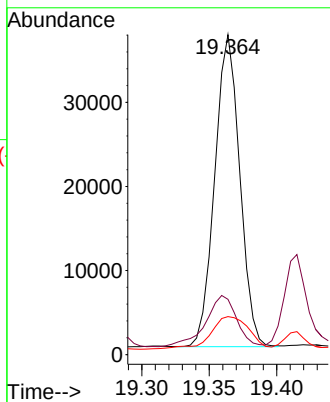
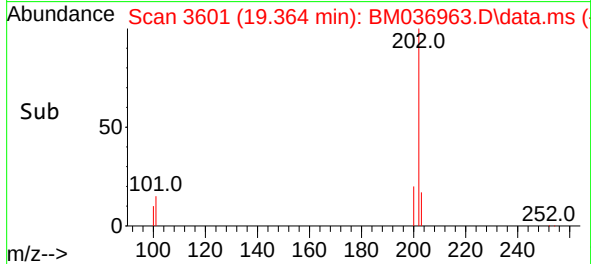
Instrument :
BNA_M
ClientSampleId :
CB8X9



Tgt Ion:202 Resp: 47873
Ion Ratio Lower Upper
202 100
101 17.3 10.1 15.1
100 11.9 7.9 11.9

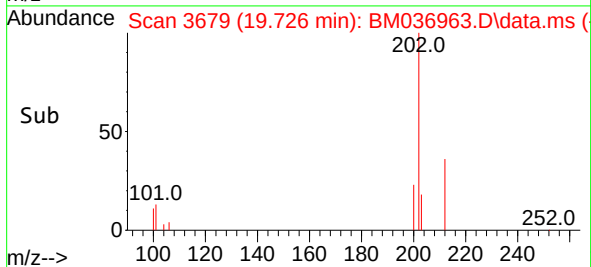
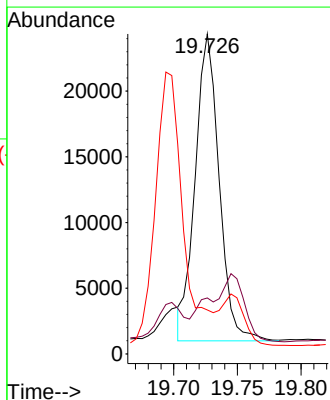
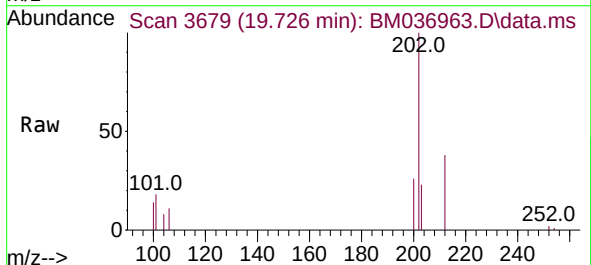
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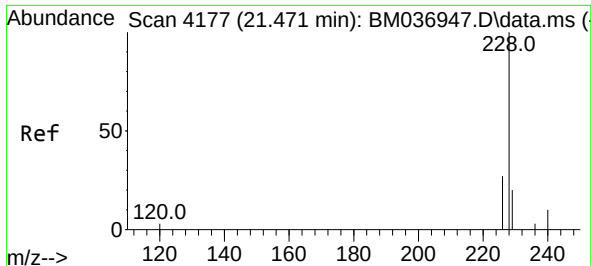
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 0.403 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

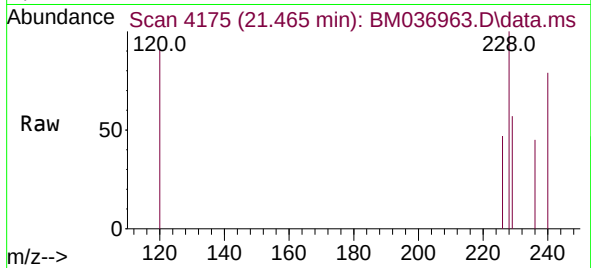
Tgt Ion:202 Resp: 30588
Ion Ratio Lower Upper
202 100
101 17.5 12.0 18.0
100 13.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.043 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

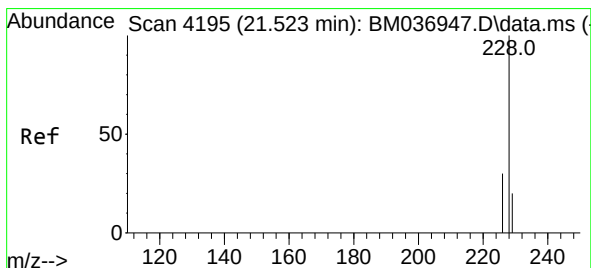
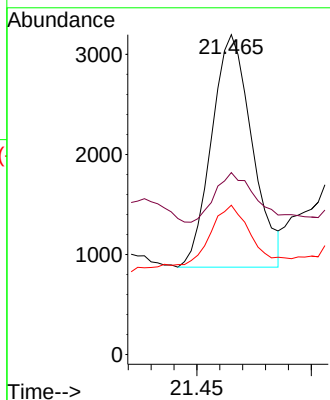
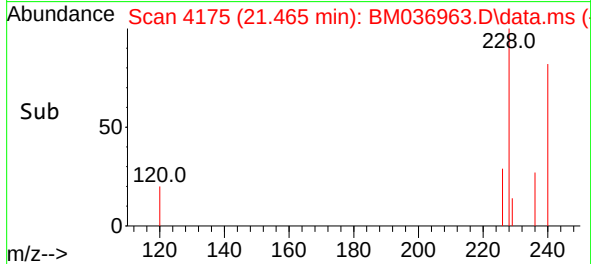
Instrument :
BNA_M
ClientSampleId :
CB8X9



Tgt Ion:228 Resp: 2860
Ion Ratio Lower Upper
228 100
229 56.9 16.2 24.2#
226 46.7 22.5 33.7#

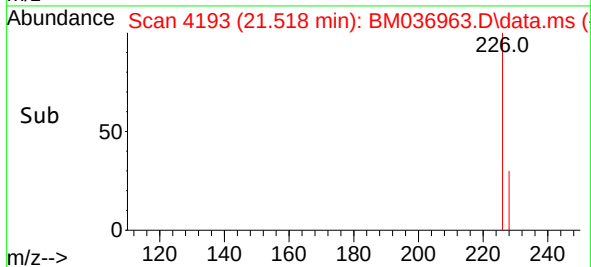
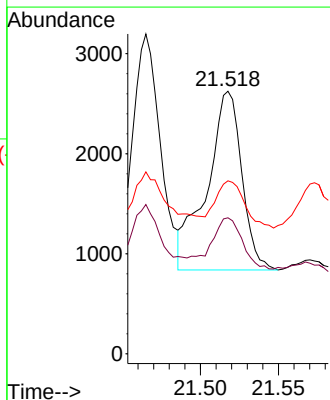
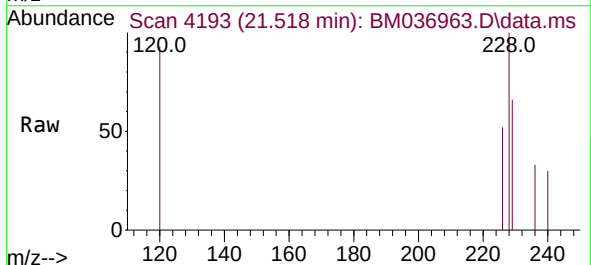
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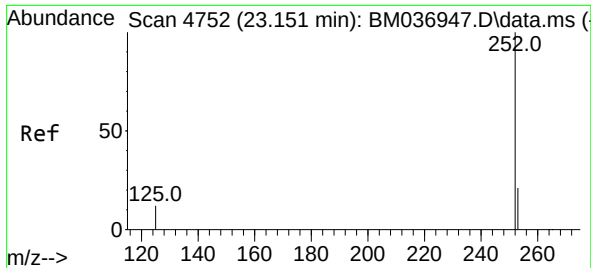
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.039 ng/ul
RT: 21.518 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

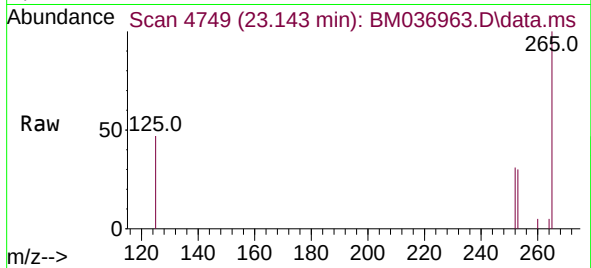
Tgt Ion:228 Resp: 2794
Ion Ratio Lower Upper
228 100
226 51.8 24.6 37.0#
229 65.9 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.026 ng/ul
RT: 23.143 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM036963.D
Acq: 12 Oct 2022 02:02

Instrument :
BNA_M
ClientSampleId :
CB8X9



Tgt Ion:252 Resp: 2200
Ion Ratio Lower Upper
252 100
253 95.1 0.0 61.4
125 148.0 0.0 42.6

Manual Integrations
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