

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036962.D
 Acq On : 12 Oct 2022 01:26
 Operator : CG/JU
 Sample : N4976-04
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X1

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 02:27:55 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	9241	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	32378	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	21397	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.313	188	38285	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.482	240	23457	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	19575	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	48953	3.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	12637	0.258	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	26580	0.379	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.803	128	62193	0.672	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	16672	0.294	ng/ul	96
8) 1-Methylnaphthalene	12.629	142	30368	0.528	ng/ul	100
10) Acenaphthylene	14.297	152	14531	0.163	ng/ul#	30
11) Acenaphthene	14.640	153	1121591	14.532	ng/ul	96
12) Fluorene	15.621	166	625020	7.147	ng/ul	98
15) Phenanthrene	17.355	178	335581	2.746	ng/ul	99
16) Anthracene	17.448	178	70386	0.689	ng/ul#	93
19) Fluoranthene	19.364	202	79777	0.855	ng/ul#	92
20) Pyrene	19.726	202	44967m	0.462	ng/ul	
21) Benzo(a)anthracene	21.465	228	3451	0.041	ng/ul#	42
22) Chrysene	21.517	228	3109	0.034	ng/ul#	28
24) Benzo(b)fluoranthene	23.148	252	2071	0.024	ng/ul#	1

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

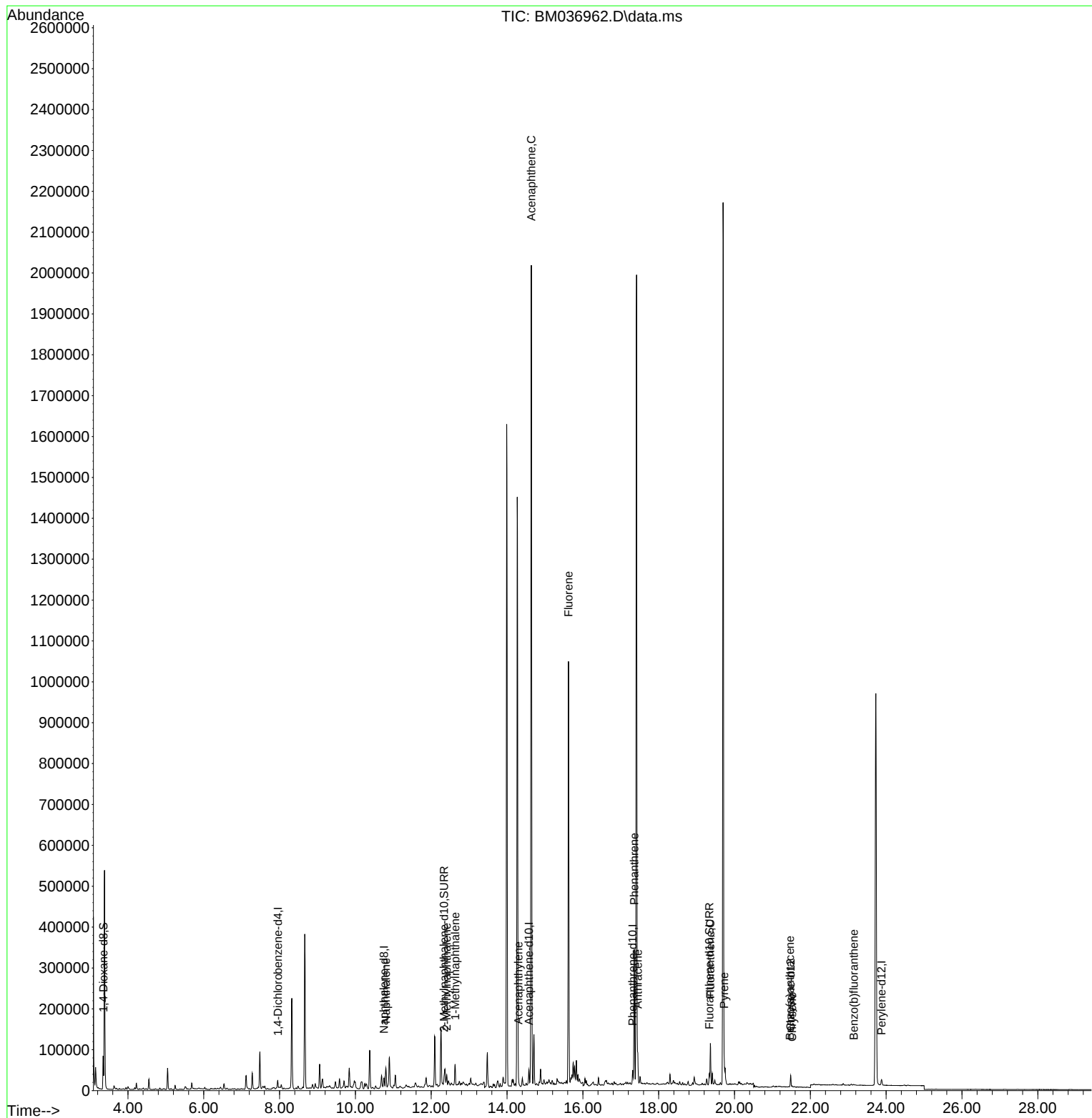
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036962.D
Acq On : 12 Oct 2022 01:26
Operator : CG/JU
Sample : N4976-04
Misc :
ALS Vial : 65 Sample Multiplier: 1

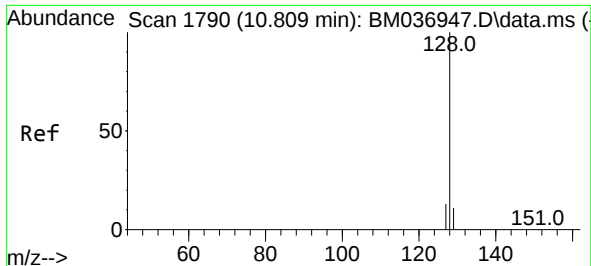
Instrument :
BNA_M
ClientSampleId :
CB8X1

Manual Integrations
APPROVED

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

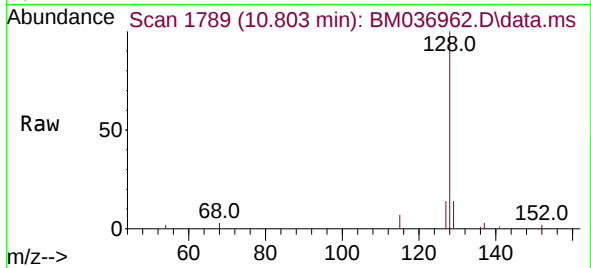
Quant Time: Oct 12 02:27:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.672 ng/ul
RT: 10.803 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

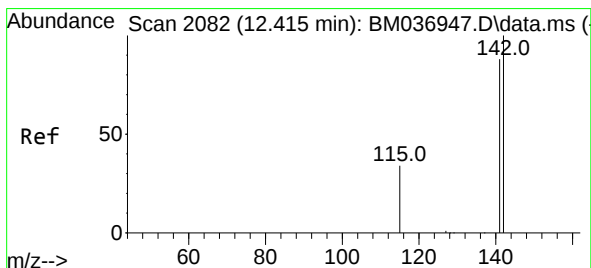
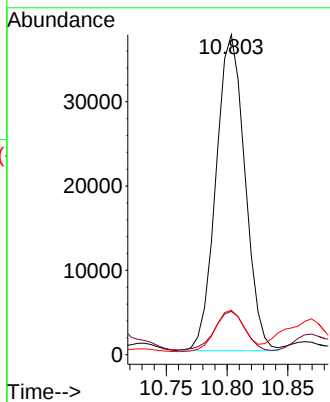
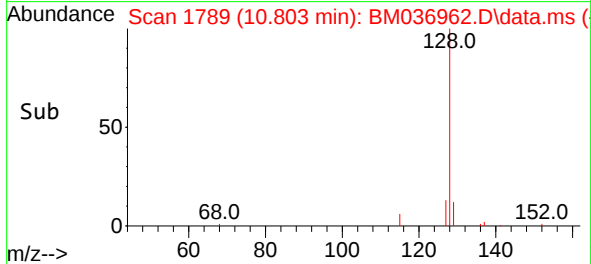
Instrument :
BNA_M
ClientSampleId :
CB8X1



Tgt Ion:128 Resp: 62193
Ion Ratio Lower Upper
128 100
129 13.5 10.2 15.2
127 13.9 11.7 17.5

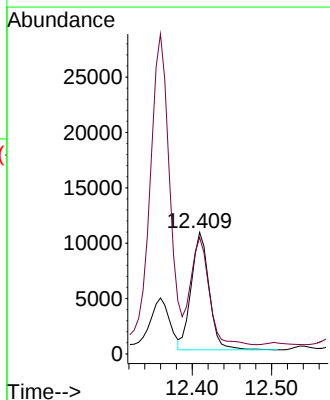
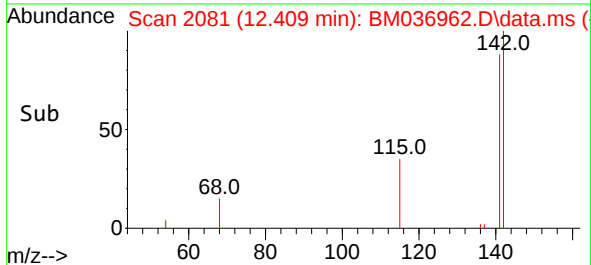
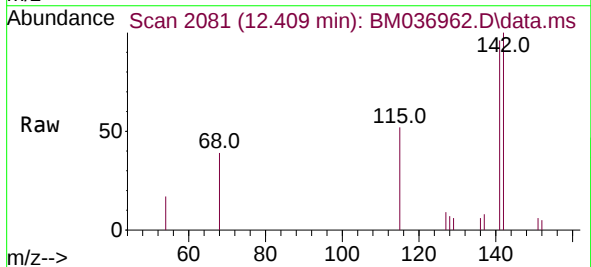
Manual Integrations
APPROVED

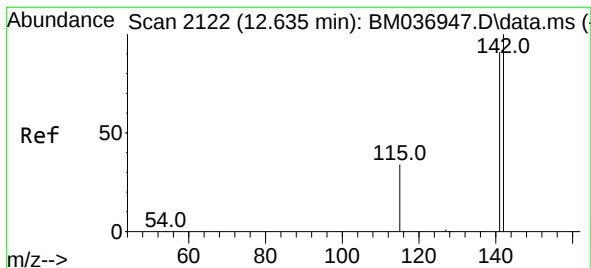
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

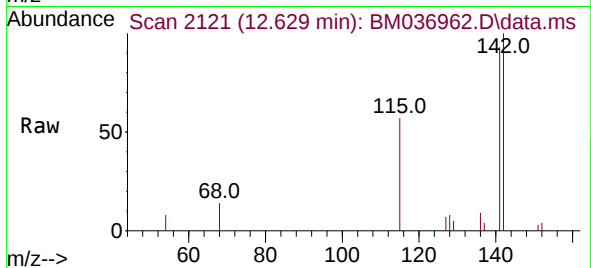
Tgt Ion:142 Resp: 16672
Ion Ratio Lower Upper
142 100
141 92.8 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.528 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

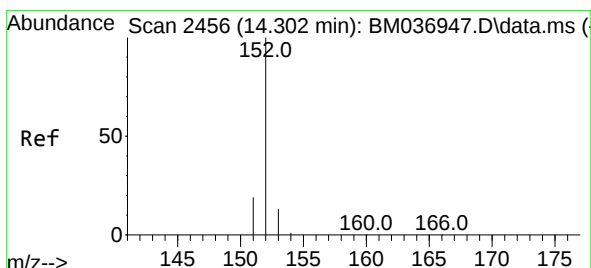
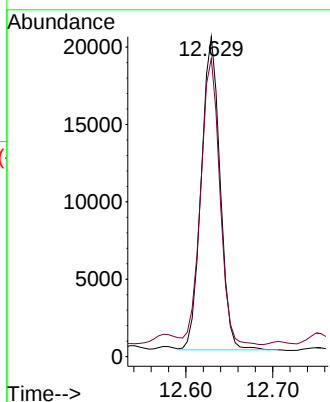
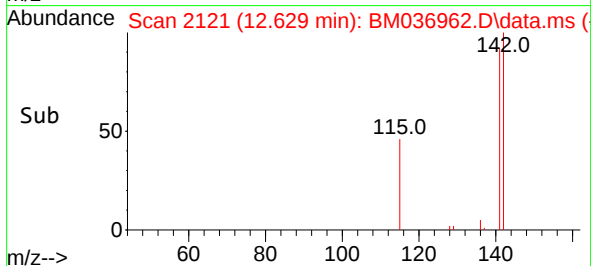
Instrument :
BNA_M
ClientSampleId :
CB8X1



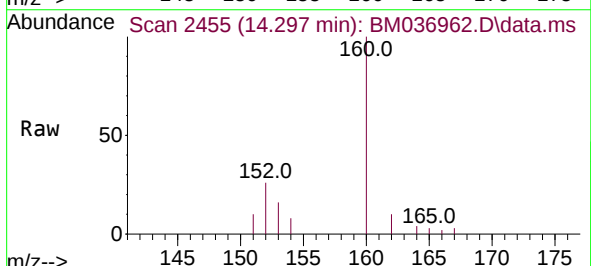
Tgt Ion:142 Resp: 30368
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

Manual Integrations
APPROVED

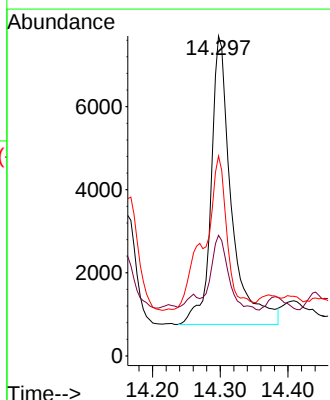
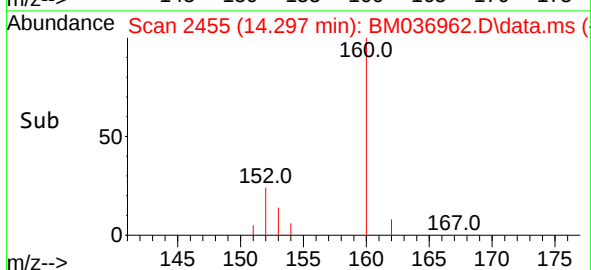
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

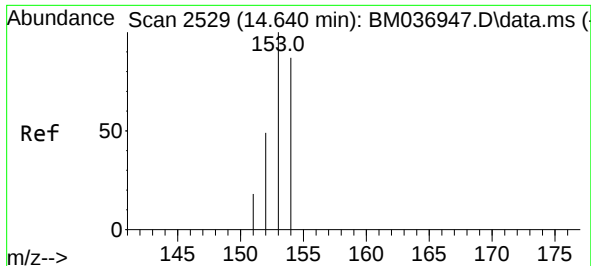


#10
Acenaphthylene
Concen: 0.163 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26



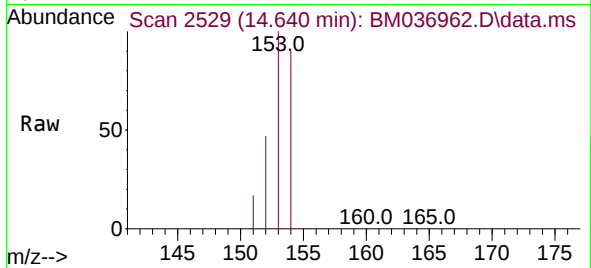
Tgt Ion:152 Resp: 14531
Ion Ratio Lower Upper
152 100
151 37.7 16.6 24.8#
153 62.5 11.4 17.0#





#11
Acenaphthene
Concen: 14.532 ng/u1
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

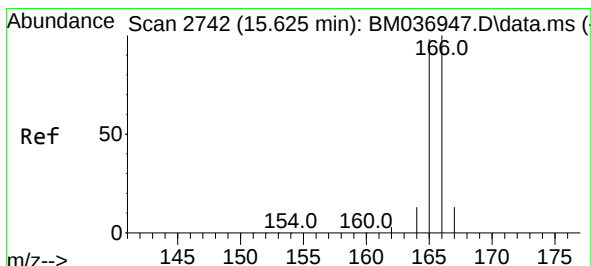
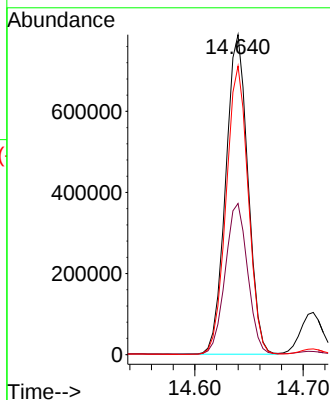
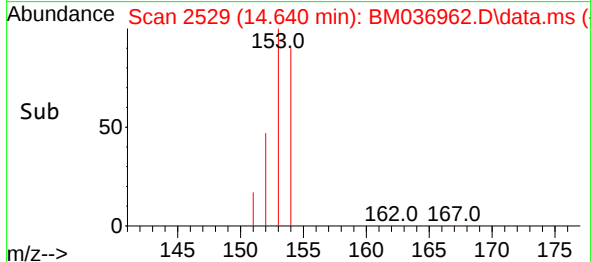
Instrument :
BNA_M
ClientSampleId :
CB8X1



Tgt Ion:153 Resp: 112159
Ion Ratio Lower Upper
153 100
152 47.2 40.2 60.4
154 90.2 69.7 104.5

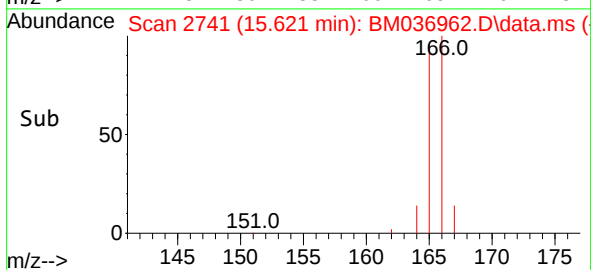
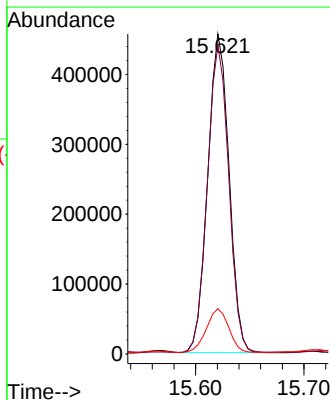
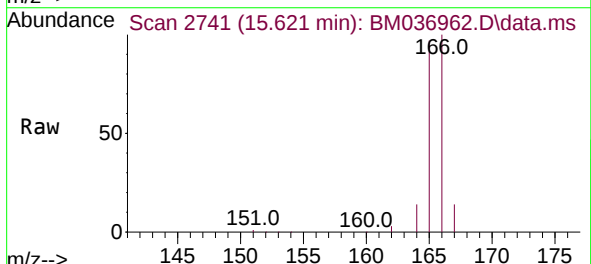
Manual Integrations
APPROVED

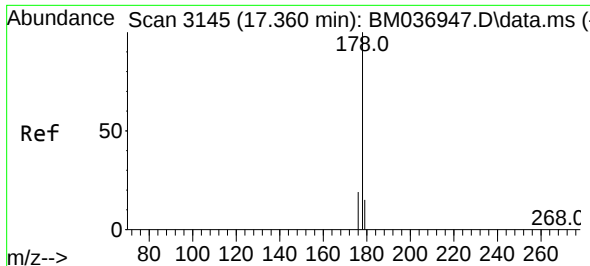
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 7.147 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

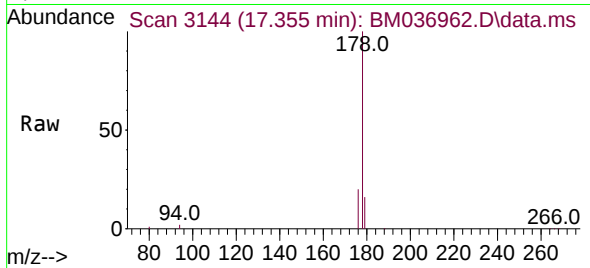
Tgt Ion:166 Resp: 625020
Ion Ratio Lower Upper
166 100
165 96.5 78.9 118.3
167 14.1 11.3 16.9





#15
Phenanthrene
Concen: 2.746 ng/ul
RT: 17.355 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

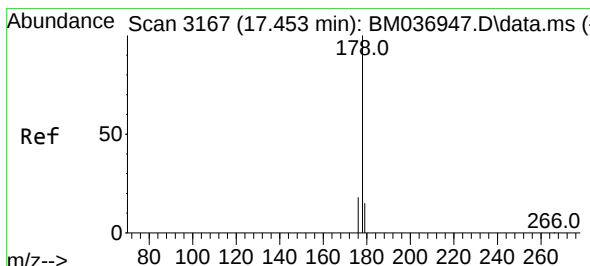
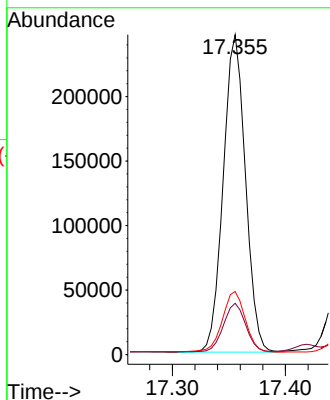
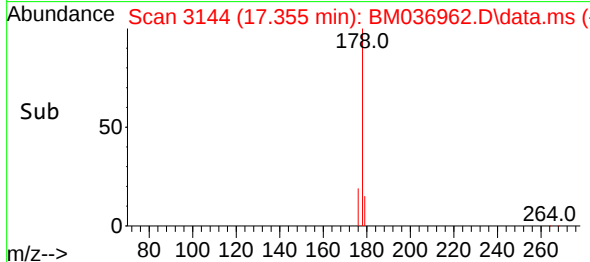
Instrument :
BNA_M
ClientSampleId :
CB8X1



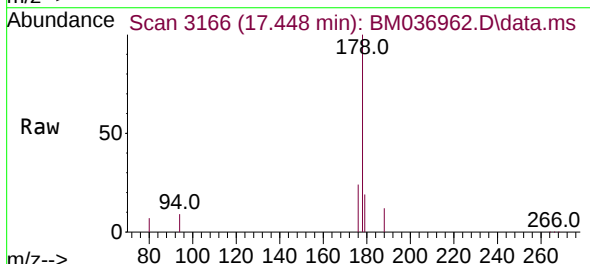
Tgt Ion:178 Resp: 335581
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.7 15.6 23.4

Manual Integrations
APPROVED

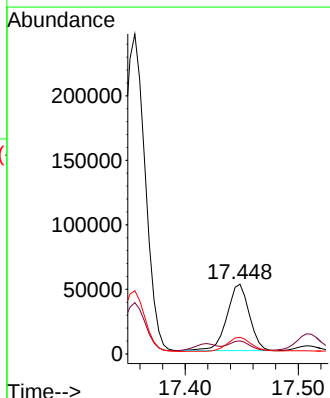
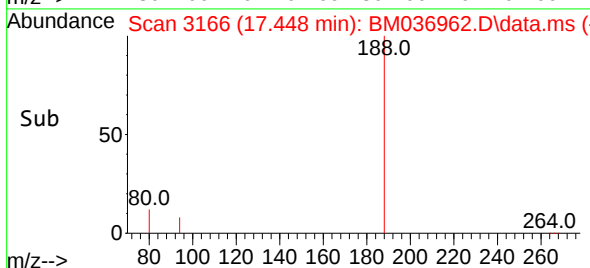
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

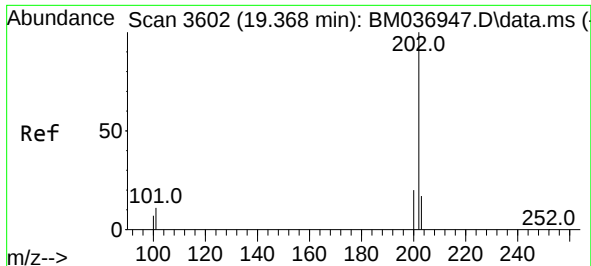


#16
Anthracene
Concen: 0.689 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26



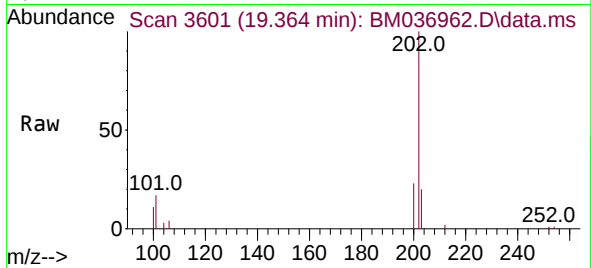
Tgt Ion:178 Resp: 70386
Ion Ratio Lower Upper
178 100
179 18.8 13.6 20.4
176 23.9 15.6 23.4#





#19
Fluoranthene
Concen: 0.855 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

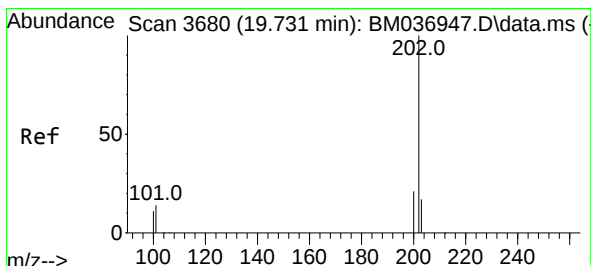
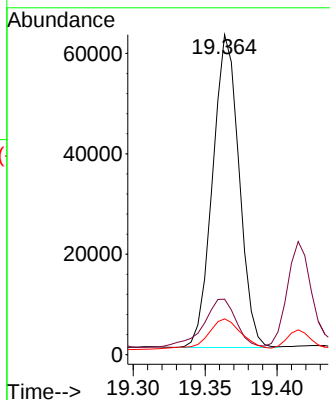
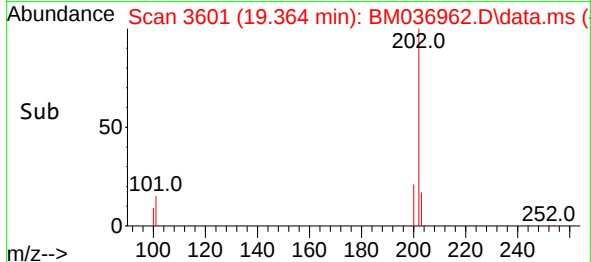
Instrument :
BNA_M
ClientSampleId :
CB8X1



Tgt Ion:202 Resp: 79772
Ion Ratio Lower Upper
202 100
101 17.3 10.1 15.1
100 11.2 7.9 11.9

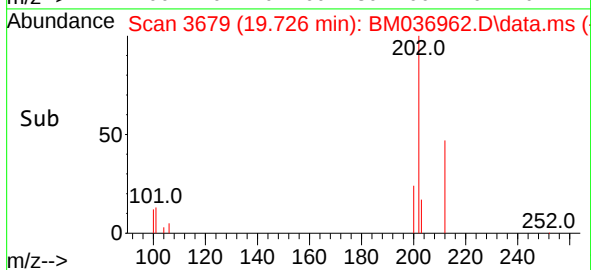
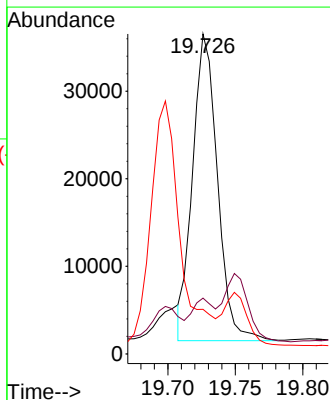
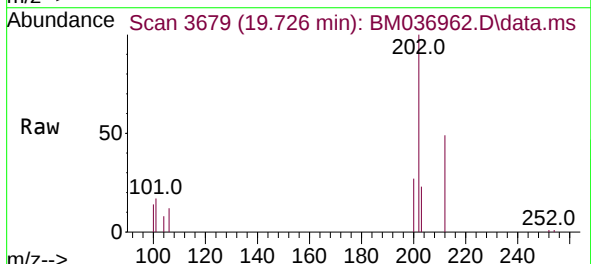
Manual Integrations
APPROVED

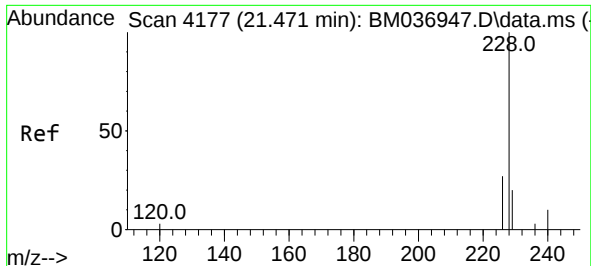
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 0.462 ng/ul m
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

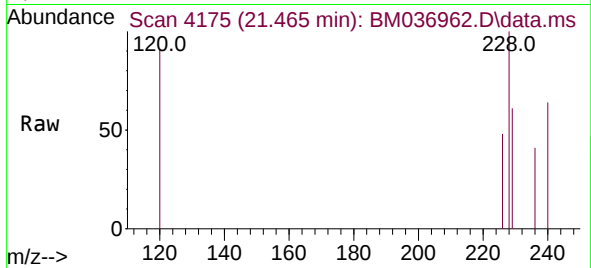
Tgt Ion:202 Resp: 44967
Ion Ratio Lower Upper
202 100
101 17.4 12.0 18.0
100 14.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

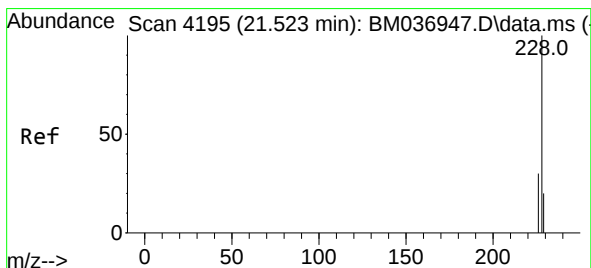
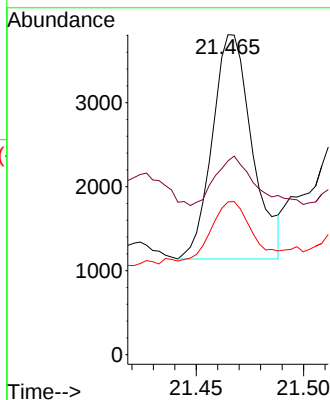
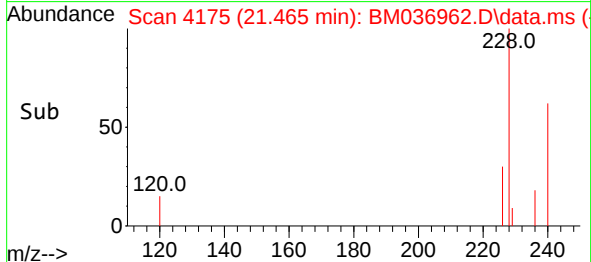
Instrument :
BNA_M
ClientSampleId :
CB8X1



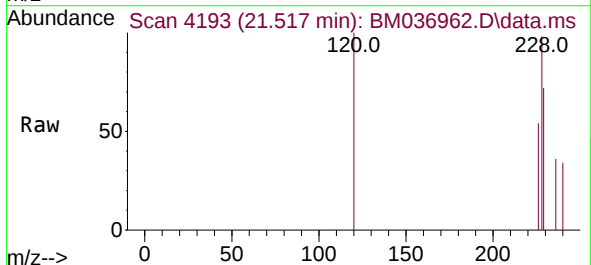
Tgt Ion:228 Resp: 345
Ion Ratio Lower Upper
228 100
229 60.6 16.2 24.2#
226 47.7 22.5 33.7#

Manual Integrations
APPROVED

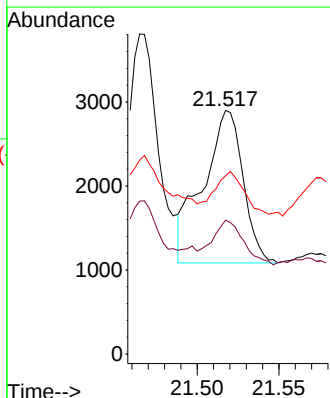
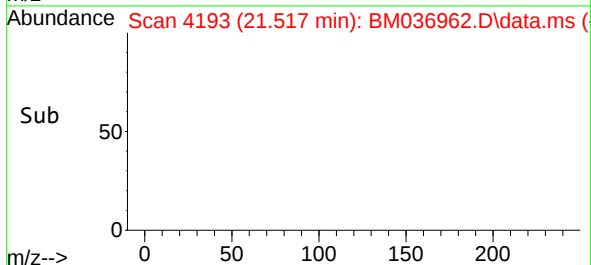
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

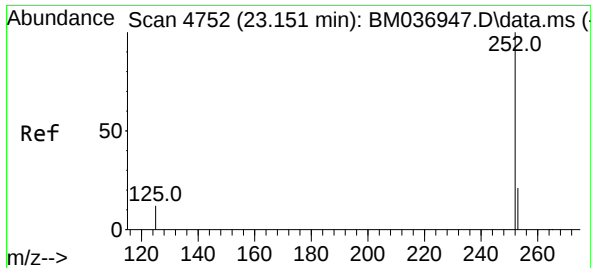


#22
Chrysene
Concen: 0.034 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26



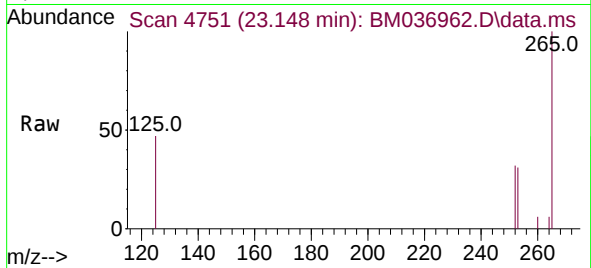
Tgt Ion:228 Resp: 3109
Ion Ratio Lower Upper
228 100
226 54.9 24.6 37.0#
229 73.1 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.024 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. 0.003 min
Lab File: BM036962.D
Acq: 12 Oct 2022 01:26

Instrument :
BNA_M
ClientSampleId :
CB8X1



Tgt Ion:252 Resp: 2071
Ion Ratio Lower Upper
252 100
253 96.2 0.0 61.4
125 148.6 0.0 42.6

Manual Integrations
APPROVED

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

