

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037893.D
 Acq On : 08 Dec 2022 19:04
 Operator : CG/JU
 Sample : N5832-17 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 08 22:41:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	272508	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	1017138	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	570166	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.462	188	1128949	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	983869	20.000	ng/u1	0.00
88) Perylene-d12	24.115	264	1276395	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	2236m	0.373	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.240	99	42832	1.934	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	25682	1.905	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	34393	1.893	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	33364	1.930	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	17365	2.156	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	16473	1.952	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	31492	1.965	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	25569	1.156	ng/u1	0.00
46) Dimethylphthalate-d6	14.121	166	99466	2.447	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	113429	2.283	ng/u1	0.00
54) 4-Nitrophenol-d4	14.921	143	13773	1.988	ng/u1	0.01
60) Fluorene-d10	15.704	176	92523	2.555	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	4844	0.803	ng/u1	0.02
73) Anthracene-d10	17.580	188	123499m	2.344	ng/u1	0.02
81) Pyrene-d10	19.845	212	149663	2.532	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.956	264	164007	2.573	ng/u1	0.01
Target Compounds						Qvalue
30) Naphthalene	10.957	128	1648111	30.026	ng/u1	99
36) 2-Methylnaphthalene	12.557	142	1781776	50.048	ng/u1	97
37) 1-Methylnaphthalene	12.775	142	740424	20.339	ng/u1	100
50) Acenaphthylene	14.445	152	544359	9.965	ng/u1#	96
52) Acenaphthene	14.786	153	6613416	175.029	ng/u1	99
61) Fluorene	15.774	166	11181628	265.786	ng/u1	99
71) Pentachlorophenol	17.121	266	18235m	2.220	ng/u1	
72) Phenanthrene	17.515	178	24523055m	397.767	ng/u1	
74) Anthracene	17.610	178	34076384m	543.883	ng/u1	
80) Fluoranthene	19.521	202	22073299m	316.460	ng/u1	
82) Pyrene	19.886	202	19233397	264.951	ng/u1#	93
85) Benzo(a)anthracene	21.615	228	7036332	106.229	ng/u1	97
87) Chrysene	21.674	228	8052308	129.568	ng/u1	98
90) Benzo(b)fluoranthene	23.362	252	7180009	90.735	ng/u1	98
91) Benzo(k)fluoranthene	23.403	252	2476760m	32.296	ng/u1	
93) Benzo(a)pyrene	24.009	252	3393717	48.770	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.709	276	1708902	19.068	ng/u1	97
95) Dibenzo(a,h)anthracene	26.709	278	472684	6.256	ng/u1#	85
96) Benzo(g,h,i)perylene	27.521	276	1192486	16.666	ng/u1	97

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

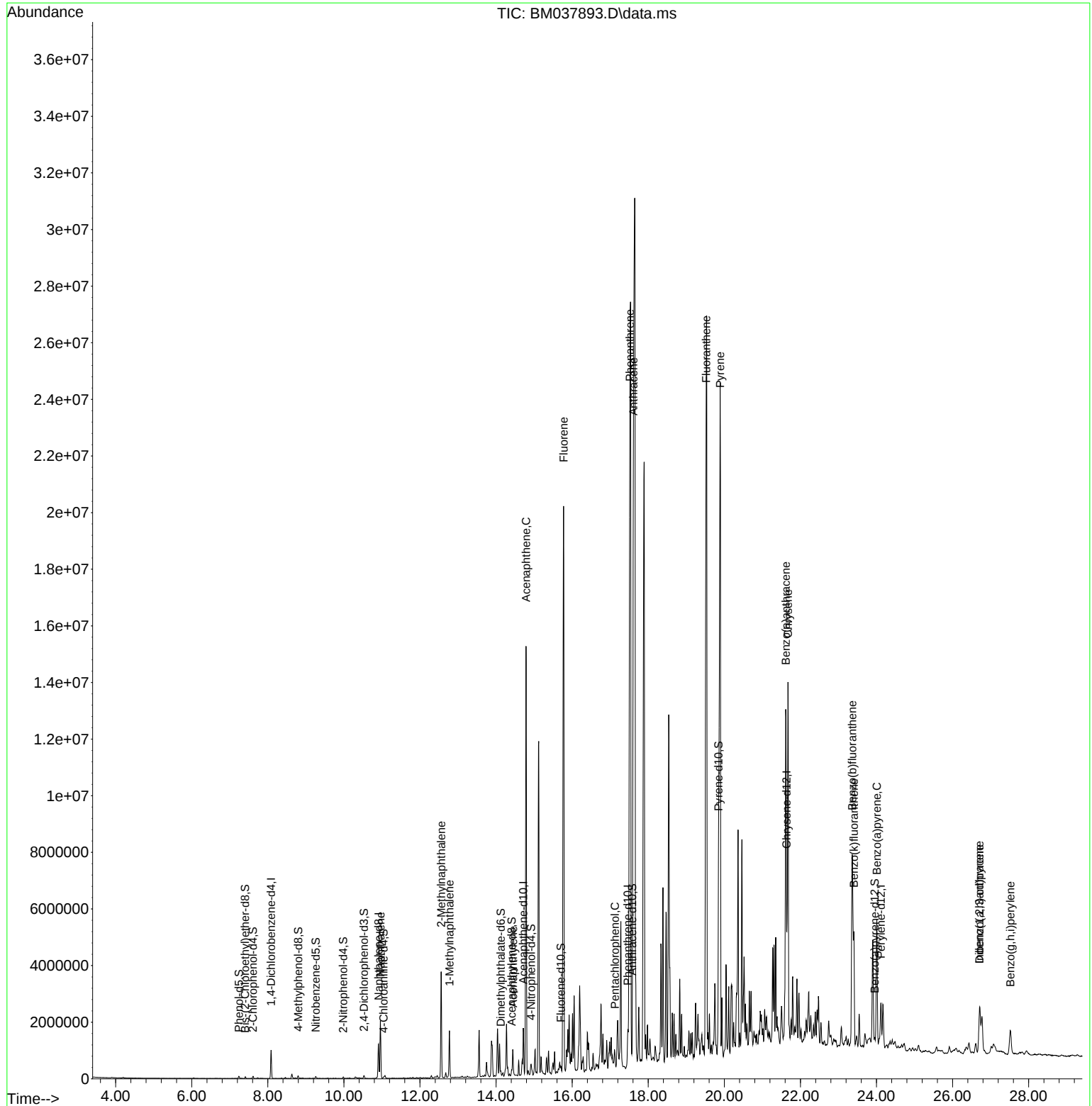
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037893.D
Acq On : 08 Dec 2022 19:04
Operator : CG/JU
Sample : N5832-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

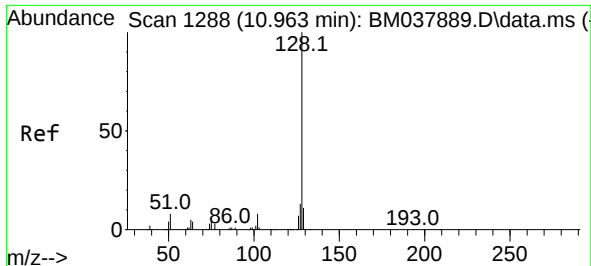
Instrument :
BNA_M
ClientSampleId :
DBXL2

Quant Time: Dec 08 22:41:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

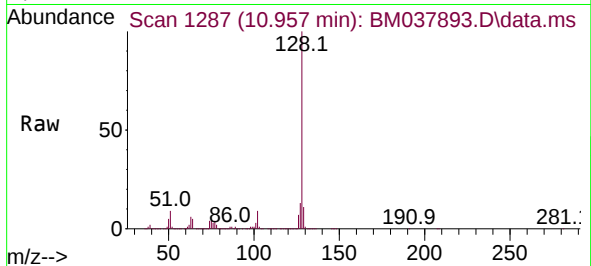
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022





#30
Naphthalene
Concen: 30.026 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

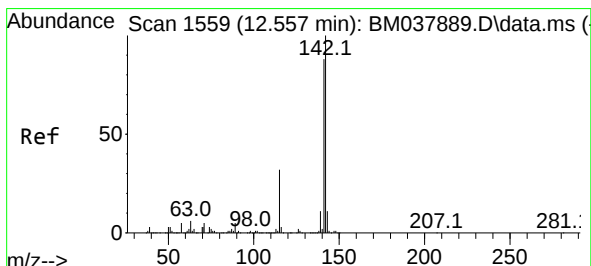
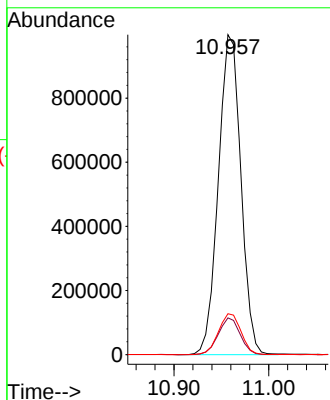
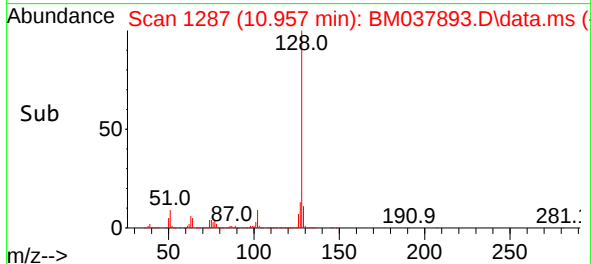
Instrument :
BNA_M
ClientSampleId :
DBXL2



Tgt Ion:128 Resp: 164811
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 12.8 10.4 15.6

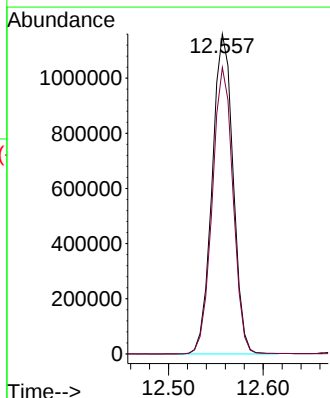
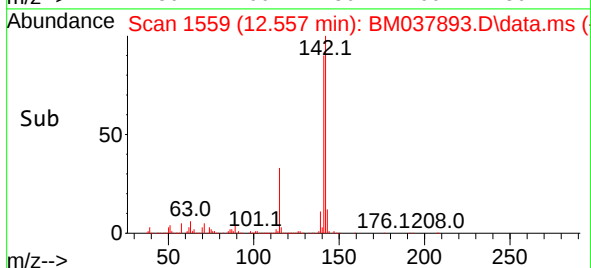
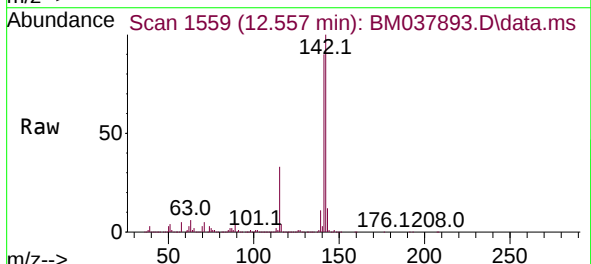
Manual Integrations
APPROVED

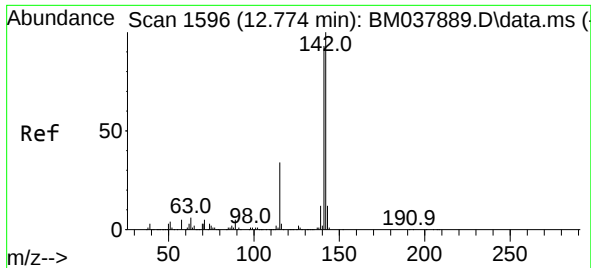
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#36
2-Methylnaphthalene
Concen: 50.048 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

Tgt Ion:142 Resp: 1781776
Ion Ratio Lower Upper
142 100
141 89.5 69.4 104.0





#37

1-Methylnaphthalene

Concen: 20.339 ng/ul

RT: 12.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM037893.D

Acq: 08 Dec 2022 19:04

Instrument :

BNA_M

ClientSampleId :

DBXL2

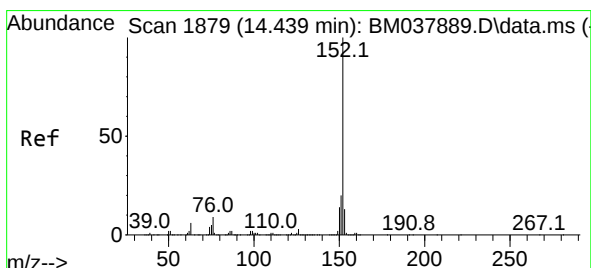
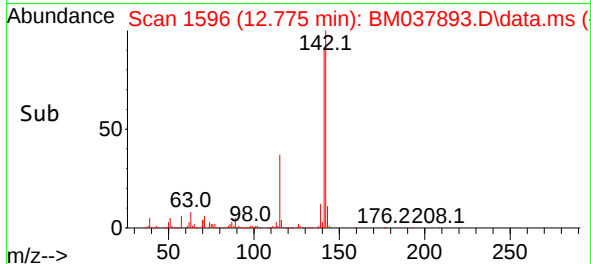
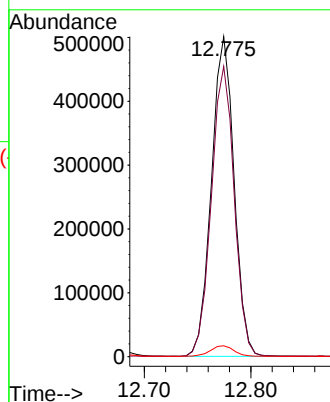
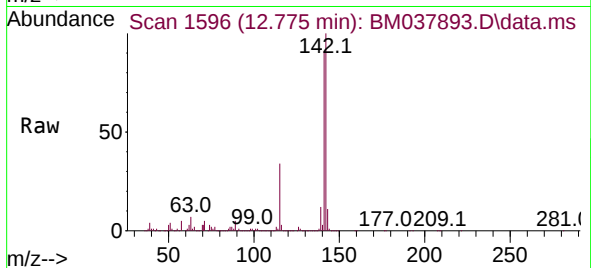
Tgt Ion:142 Resp: 740424

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.4	108.6
116	3.4	2.9	4.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#50

Acenaphthylene

Concen: 9.965 ng/ul

RT: 14.445 min Scan# 1880

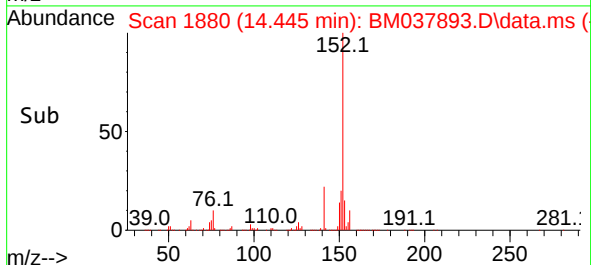
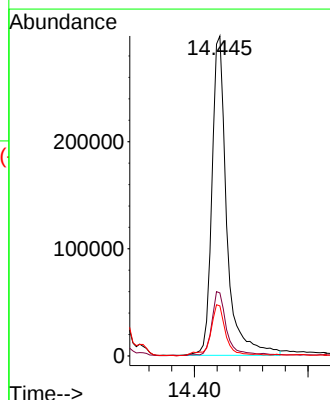
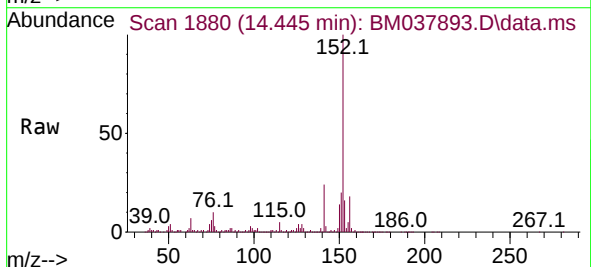
Delta R.T. 0.000 min

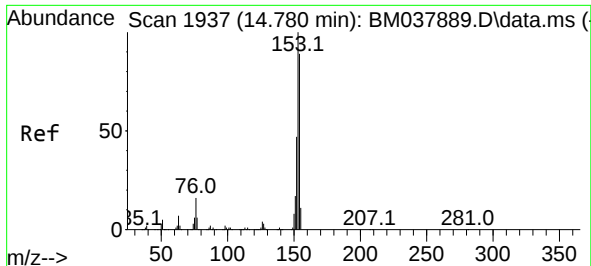
Lab File: BM037893.D

Acq: 08 Dec 2022 19:04

Tgt Ion:152 Resp: 544359

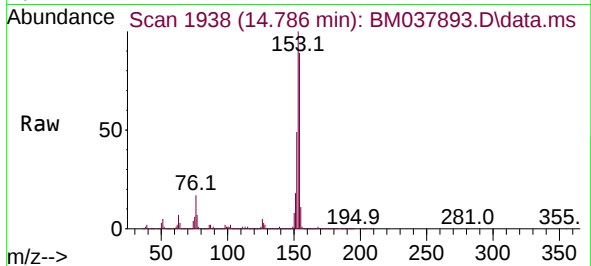
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9
153	15.7	10.2	15.4#





#52
Acenaphthene
Concen: 175.029 ng/ul
RT: 14.786 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

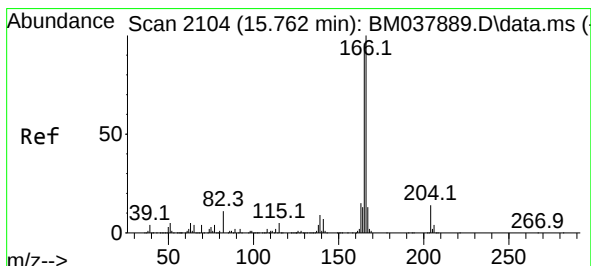
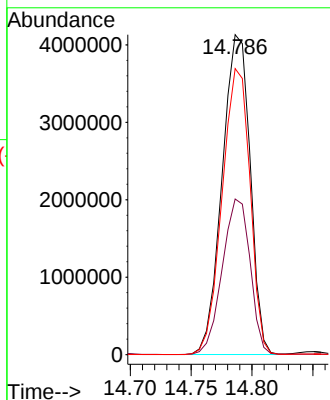
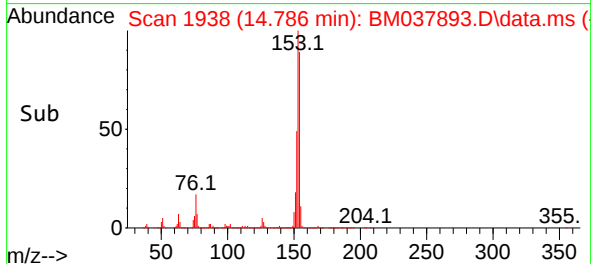
Instrument :
BNA_M
ClientSampleId :
DBXL2



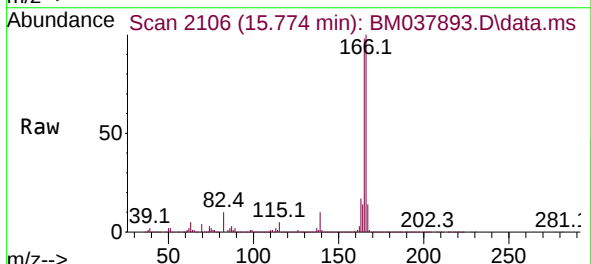
Tgt Ion:153 Resp: 6613416
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.4
154 89.4 71.4 107.0

Manual Integrations
APPROVED

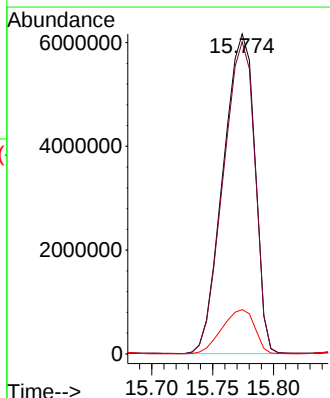
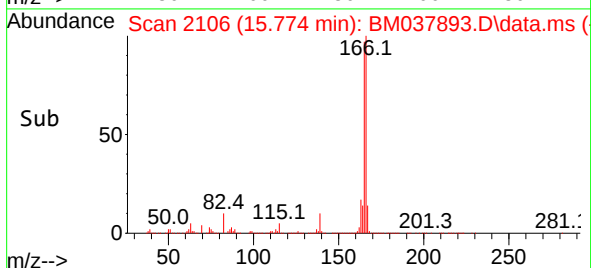
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

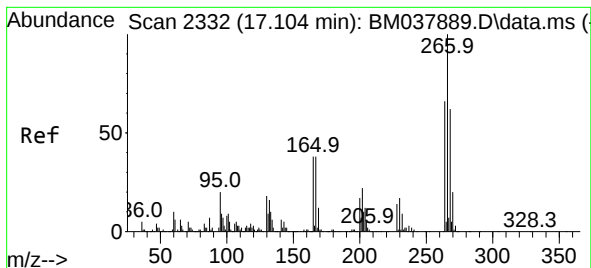


#61
Fluorene
Concen: 265.786 ng/ul
RT: 15.774 min Scan# 2106
Delta R.T. 0.012 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04



Tgt Ion:166 Resp:11181628
Ion Ratio Lower Upper
166 100
165 97.5 77.2 115.8
167 13.8 10.4 15.6





#71

Pentachlorophenol

Concen: 2.220 ng/ul m

RT: 17.121 min Scan# 2332

Delta R.T. 0.018 min

Lab File: BM037893.D

Acq: 08 Dec 2022 19:04

Instrument :

BNA_M

ClientSampleId :

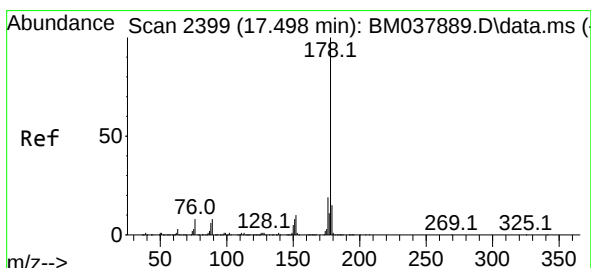
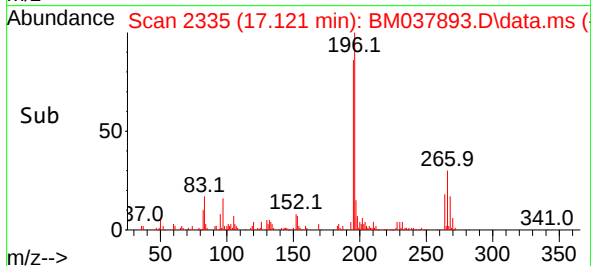
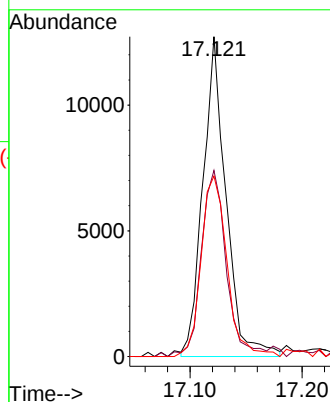
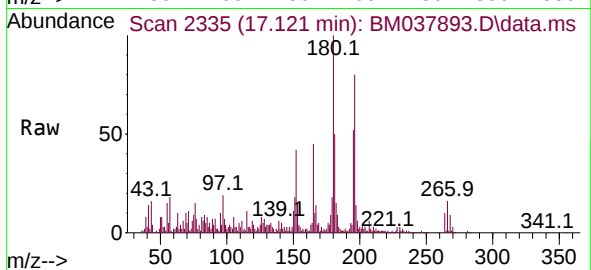
DBXL2

Tgt Ion:266 Resp: 18235
 Ion Ratio Lower Upper
 266 100
 264 58.2 50.1 75.1
 268 56.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



#72

Phenanthrene

Concen: 397.767 ng/ul m

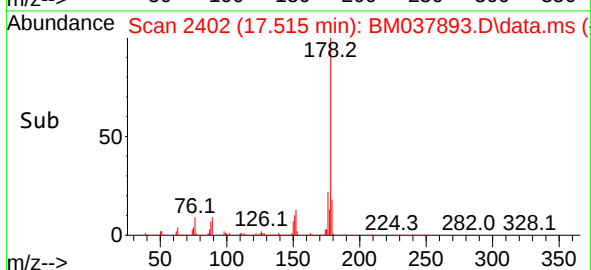
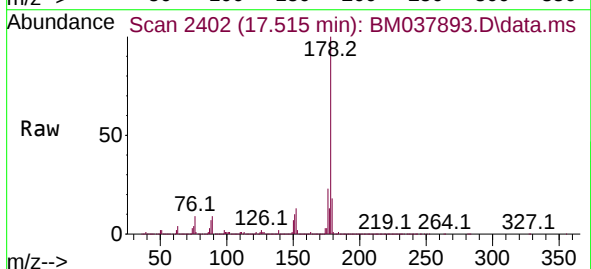
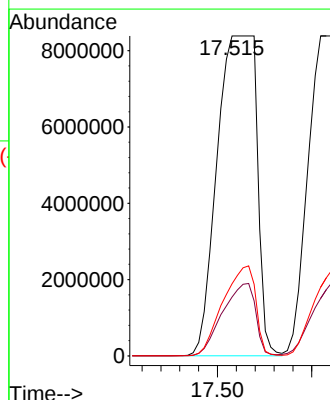
RT: 17.515 min Scan# 2402

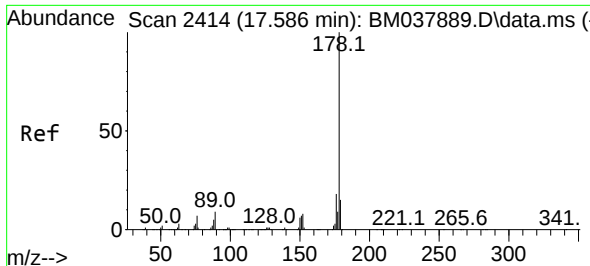
Delta R.T. 0.018 min

Lab File: BM037893.D

Acq: 08 Dec 2022 19:04

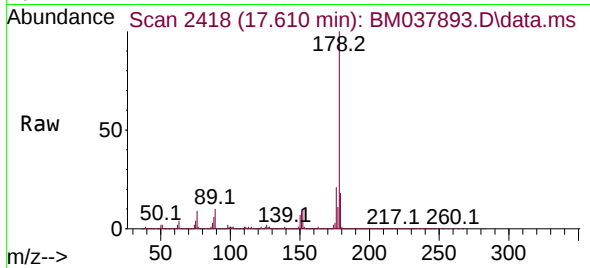
Tgt Ion:178 Resp:24523055
 Ion Ratio Lower Upper
 178 100
 179 18.4 12.2 18.2#
 176 22.5 15.4 23.0





#74
 Anthracene
 Concen: 543.883 ng/ul m
 RT: 17.610 min Scan# 2414
 Delta R.T. 0.018 min
 Lab File: BM037893.D
 Acq: 08 Dec 2022 19:04

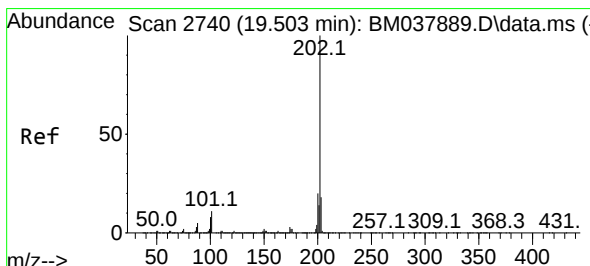
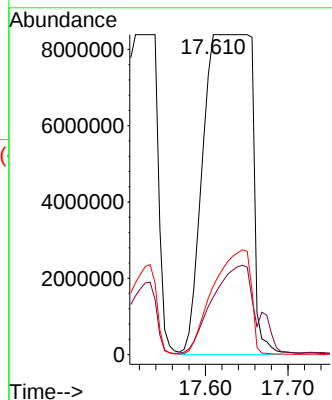
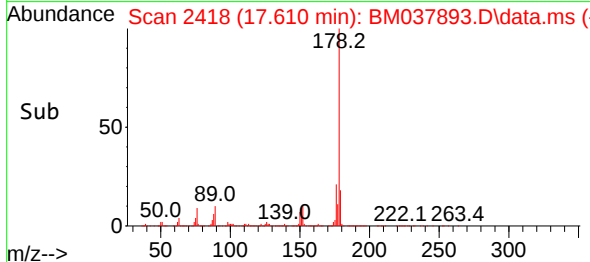
Instrument :
 BNA_M
 ClientSampleId :
 DBXL2



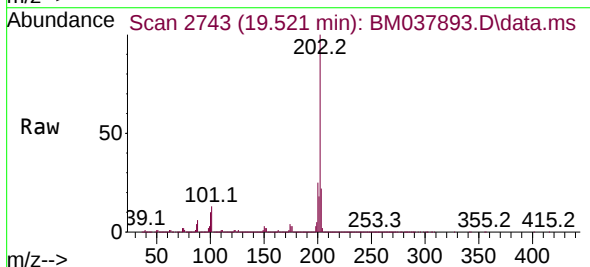
Tgt Ion:178 Resp:34076384
 Ion Ratio Lower Upper
 178 100
 179 18.0 11.8 17.8
 176 21.5 15.0 22.6

Manual Integrations
 APPROVED

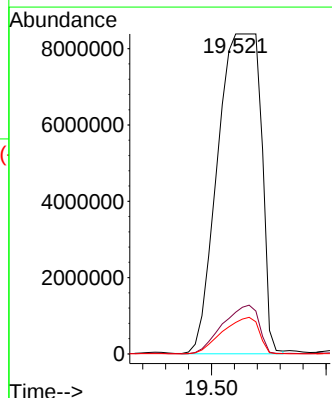
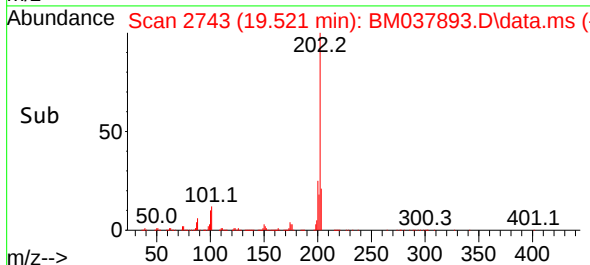
Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

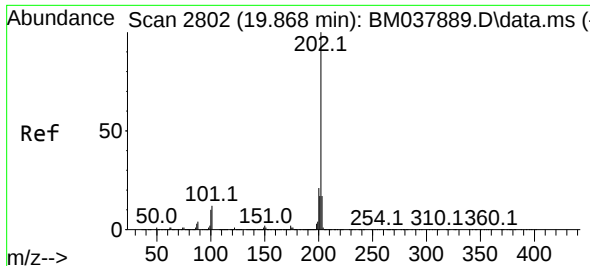


#80
 Fluoranthene
 Concen: 316.460 ng/ul m
 RT: 19.521 min Scan# 2743
 Delta R.T. 0.018 min
 Lab File: BM037893.D
 Acq: 08 Dec 2022 19:04



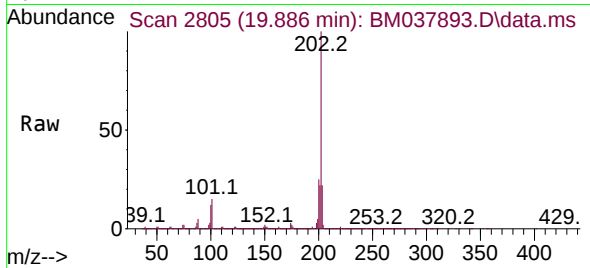
Tgt Ion:202 Resp:22073299
 Ion Ratio Lower Upper
 202 100
 101 13.0 8.6 13.0
 100 9.8 6.6 10.0





#82
Pyrene
Concen: 264.951 ng/ul
RT: 19.886 min Scan# 2805
Delta R.T. 0.018 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

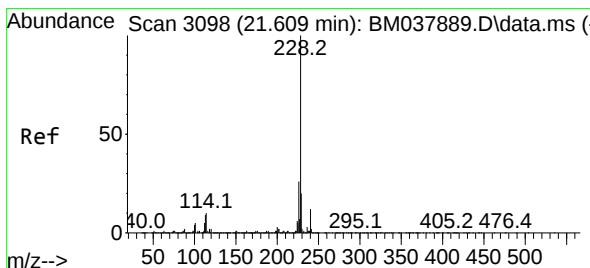
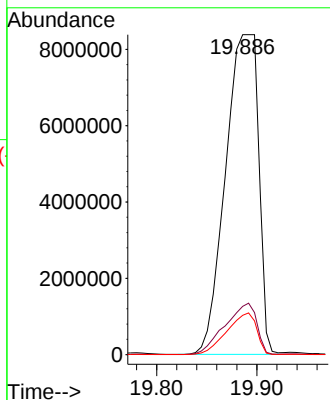
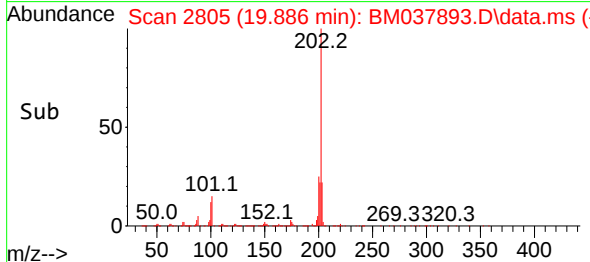
Instrument :
BNA_M
ClientSampleId :
DBXL2



Tgt Ion:202 Resp:19233397
Ion Ratio Lower Upper
202 100
101 15.1 10.0 15.0
100 12.3 7.9 11.9

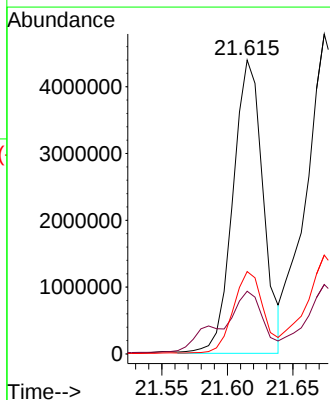
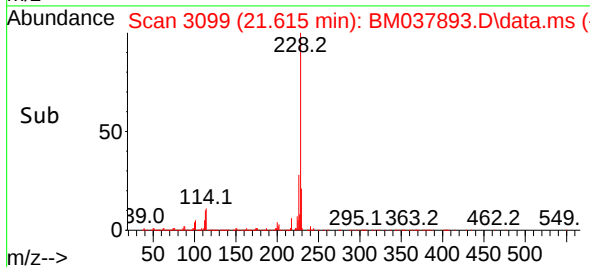
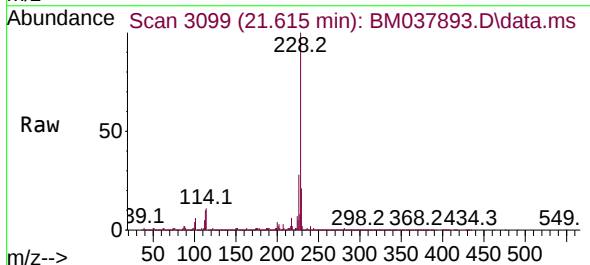
Manual Integrations
APPROVED

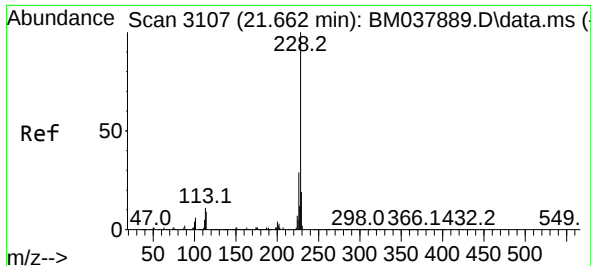
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#85
Benzo(a)anthracene
Concen: 106.229 ng/ul
RT: 21.615 min Scan# 3099
Delta R.T. 0.006 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

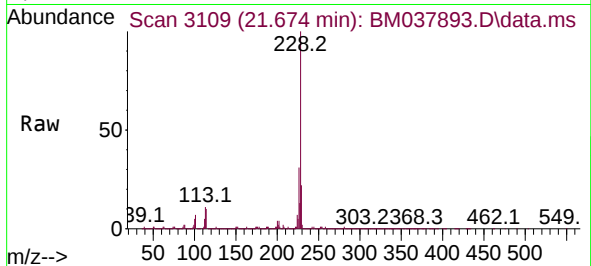
Tgt Ion:228 Resp: 7036332
Ion Ratio Lower Upper
228 100
229 21.3 15.5 23.3
226 28.0 21.8 32.8





#87
Chrysene
Concen: 129.568 ng/ul
RT: 21.674 min Scan# 3109
Delta R.T. 0.012 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

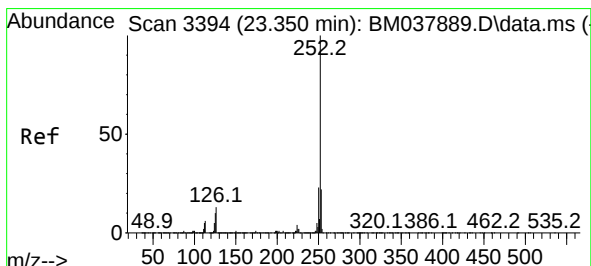
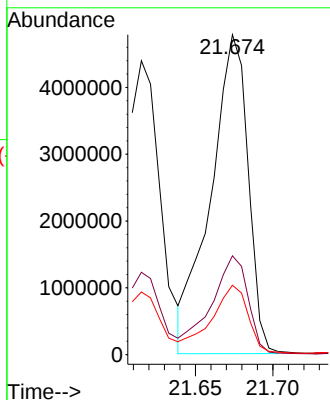
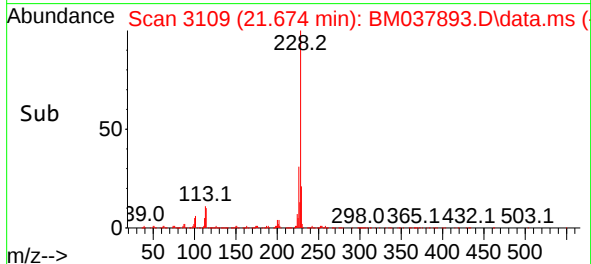
Instrument :
BNA_M
ClientSampleId :
DBXL2



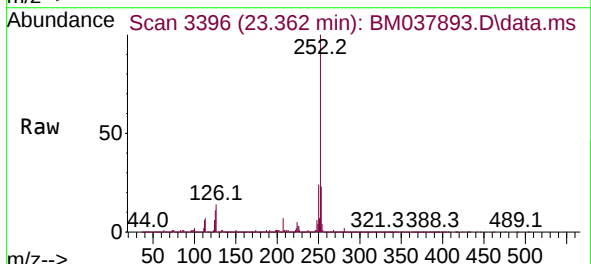
Tgt Ion:228 Resp: 8052308
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 21.7 15.6 23.4

Manual Integrations
APPROVED

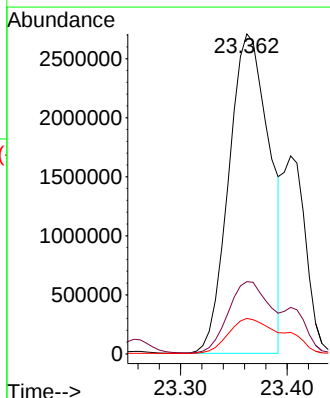
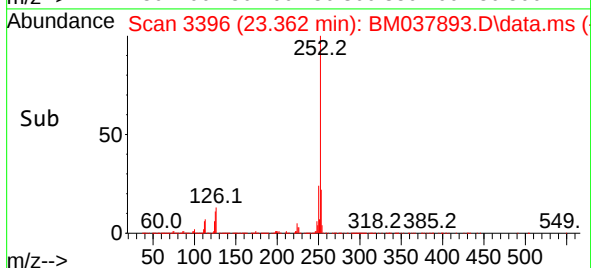
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

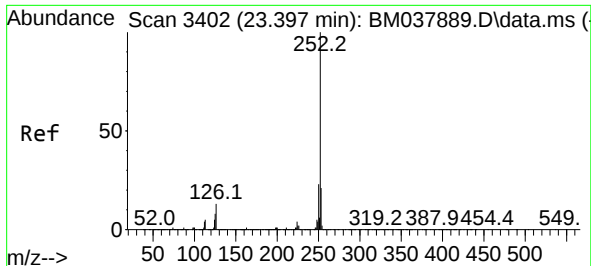


#90
Benzo(b)fluoranthene
Concen: 90.735 ng/ul
RT: 23.362 min Scan# 3396
Delta R.T. 0.018 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04



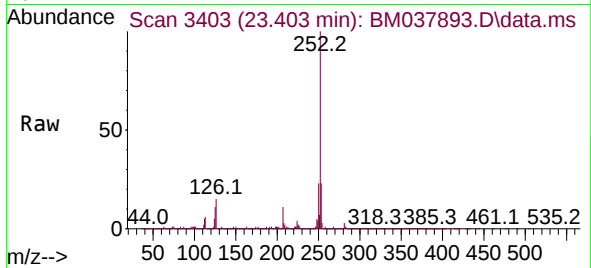
Tgt Ion:252 Resp: 7180009
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.1 8.0 12.0





#91
Benzo(k)fluoranthene
Concen: 32.296 ng/ul m
RT: 23.403 min Scan# 3402
Delta R.T. 0.006 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

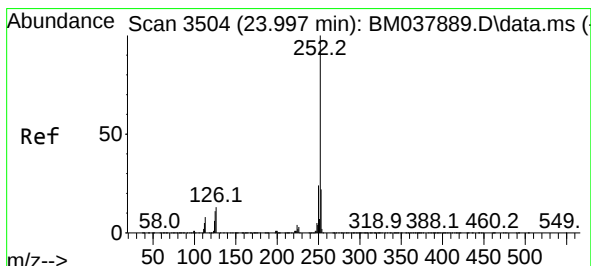
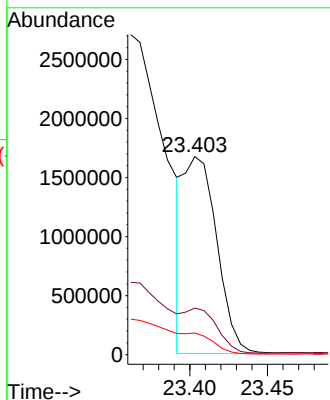
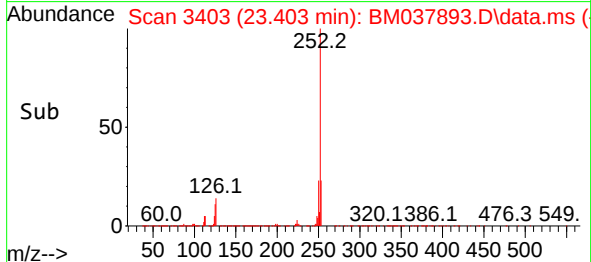
Instrument :
BNA_M
ClientSampleId :
DBXL2



Tgt Ion:252 Resp: 2476760
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.9 8.1 12.1

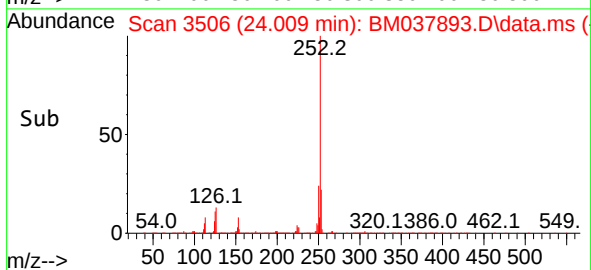
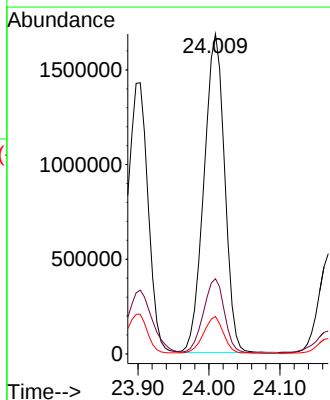
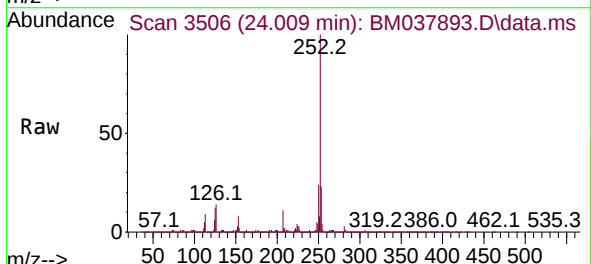
Manual Integrations
APPROVED

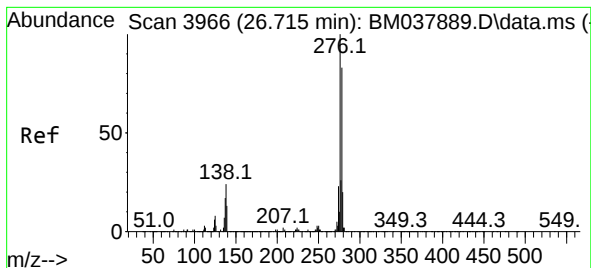
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 48.770 ng/ul
RT: 24.009 min Scan# 3506
Delta R.T. 0.012 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

Tgt Ion:252 Resp: 3393717
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 11.7 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 19.068 ng/ul

RT: 26.709 min Scan# 3965

Delta R.T. 0.000 min

Lab File: BM037893.D

Acq: 08 Dec 2022 19:04

Instrument :

BNA_M

ClientSampleId :

DBXL2

Tgt Ion:276 Resp: 1708902

Ion Ratio Lower Upper

276 100

138 21.4 19.3 28.9

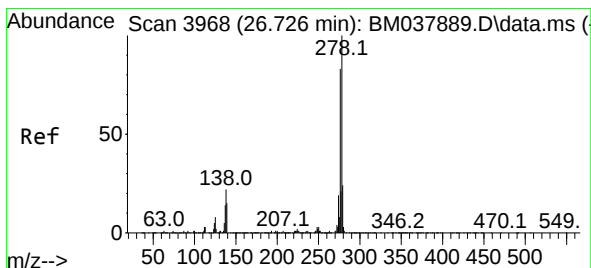
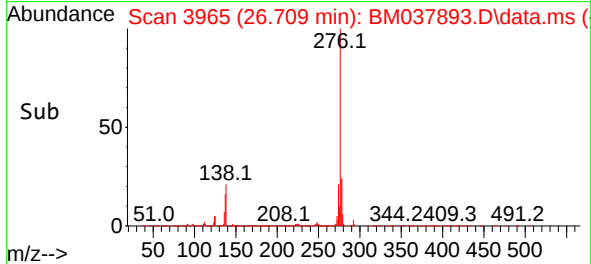
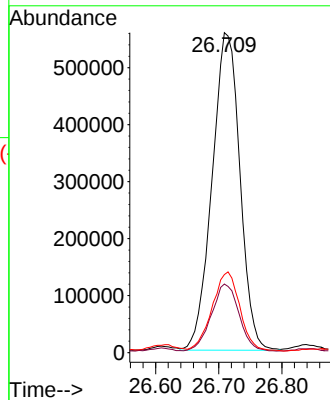
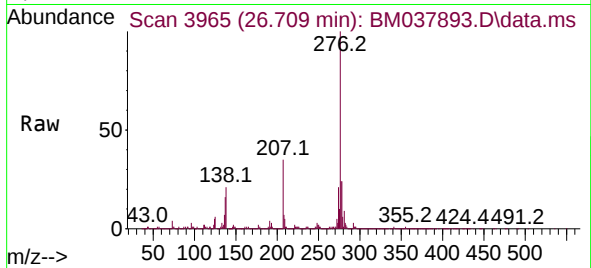
277 24.4 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022

Supervised By :mohammad ahmed 12/10/2022



#95

Dibenzo(a,h)anthracene

Concen: 6.256 ng/ul

RT: 26.709 min Scan# 3965

Delta R.T. -0.018 min

Lab File: BM037893.D

Acq: 08 Dec 2022 19:04

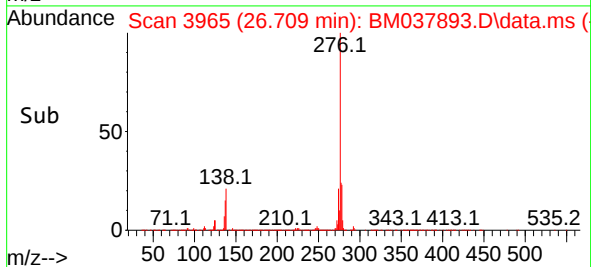
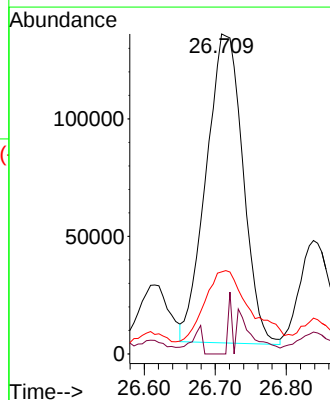
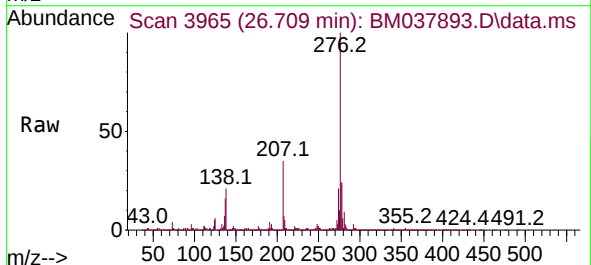
Tgt Ion:278 Resp: 472684

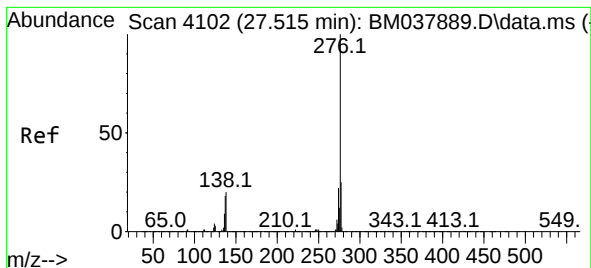
Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

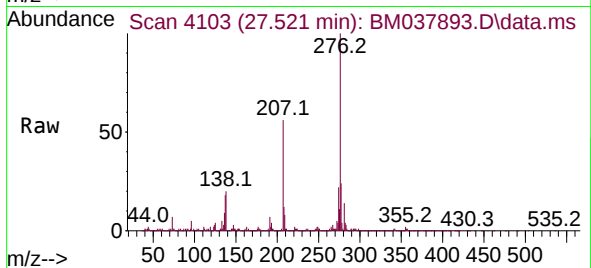
279 25.6 19.8 29.6





#96
Benzo(g,h,i)perylene
Concen: 16.666 ng/ul
RT: 27.521 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM037893.D
Acq: 08 Dec 2022 19:04

Instrument :
BNA_M
ClientSampleId :
DBXL2



Tgt Ion:276 Resp: 1192486
Ion Ratio Lower Upper
276 100
138 20.1 17.1 25.7
277 24.0 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

