

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037910.D
 Acq On : 09 Dec 2022 10:59
 Operator : CG/JU
 Sample : N5832-16DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 21:46:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	251734	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	992996	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	536922	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1039727	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	891818	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	999996	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1328m	0.240	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	17425	0.852	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	12089	0.971	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	15214	0.907	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	13325	0.834	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	7315	0.930	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	6230	0.756	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	12225	0.781	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	9783	0.453	ng/u1	0.01
46) Dimethylphthalate-d6	14.115	166	37239	0.973	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	43523	0.930	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.698	176	36222	1.062	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	2043	0.368	ng/u1	0.00
73) Anthracene-d10	17.551	188	63627	1.311	ng/u1	0.00
81) Pyrene-d10	19.833	212	61253	1.143	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	61334	1.228	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	71108	1.327	ng/u1	99
36) 2-Methylnaphthalene	12.551	142	43901	1.263	ng/u1	98
50) Acenaphthylene	14.439	152	57312	1.114	ng/u1	98
52) Acenaphthene	14.774	153	64168	1.803	ng/u1	98
61) Fluorene	15.757	166	199403	5.033	ng/u1	97
72) Phenanthrene	17.492	178	527267	9.286	ng/u1	99
74) Anthracene	17.586	178	3199182	55.443	ng/u1	98
80) Fluoranthene	19.497	202	413211	6.536	ng/u1	98
82) Pyrene	19.862	202	574185	8.726	ng/u1	97
85) Benzo(a)anthracene	21.603	228	134240	2.236	ng/u1	96
87) Chrysene	21.656	228	281711m	5.001	ng/u1	
90) Benzo(b)fluoranthene	23.344	252	608566m	9.816	ng/u1	
91) Benzo(k)fluoranthene	23.385	252	118905m	1.979	ng/u1	
93) Benzo(a)pyrene	23.991	252	243398	4.465	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.691	276	175686	2.502	ng/u1	93
96) Benzo(g,h,i)perylene	27.497	276	129321	2.307	ng/u1	94

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

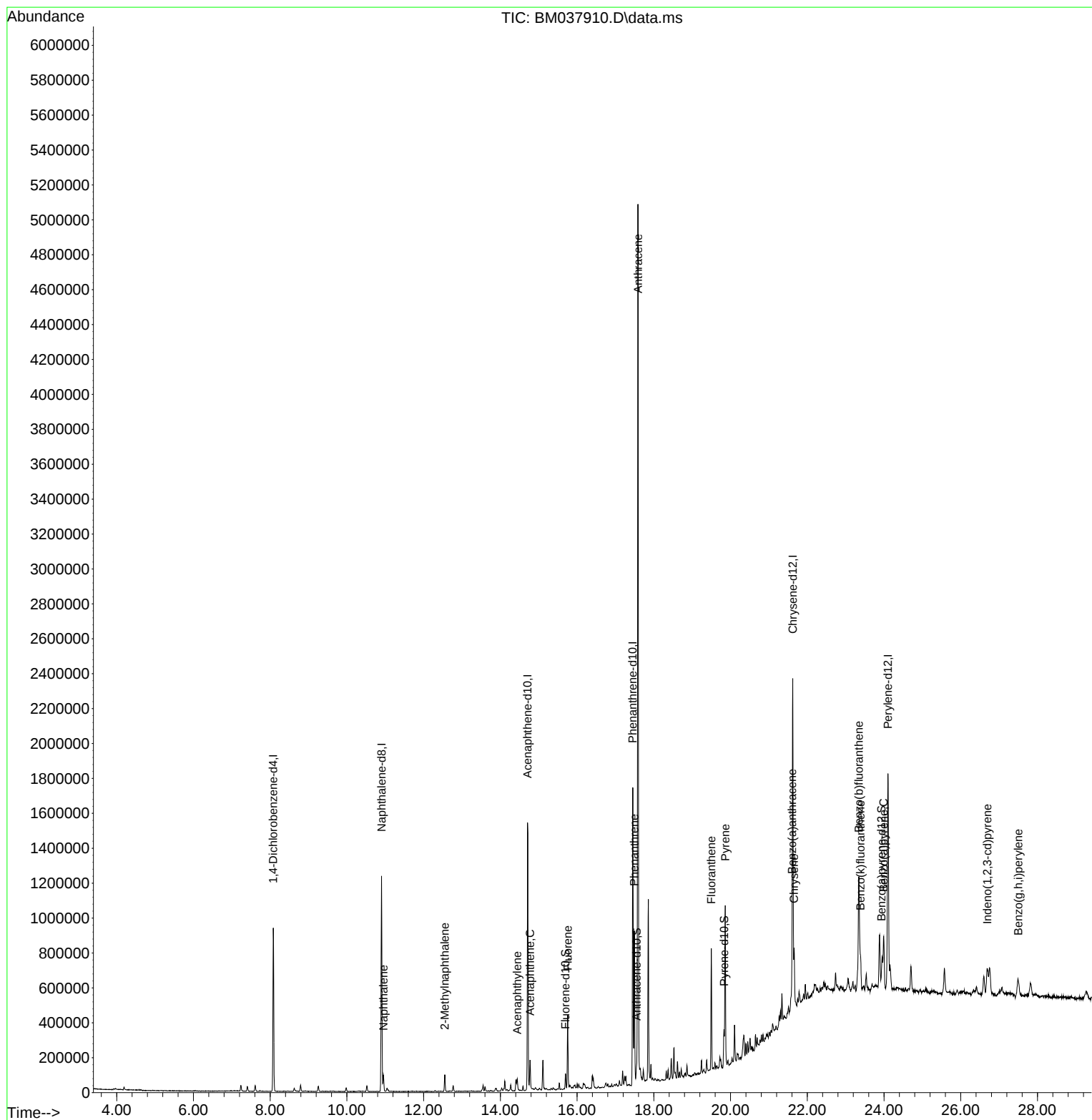
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037910.D
Acq On : 09 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-16DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

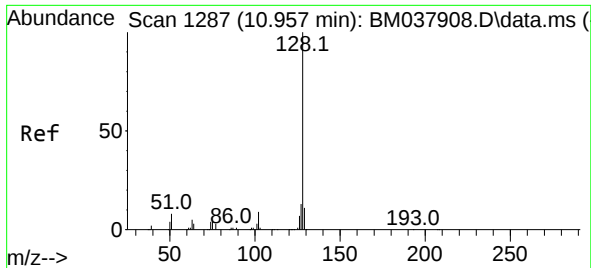
Instrument :
BNA_M
ClientSampleId :
DBXL1DL

Manual Integrations
APPROVED

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

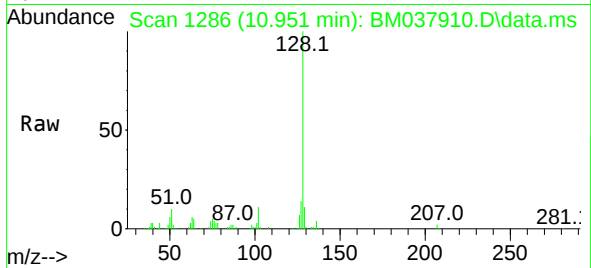
Quant Time: Dec 09 21:46:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.327 ng/ul
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037910.D
Acq: 09 Dec 2022 10:59

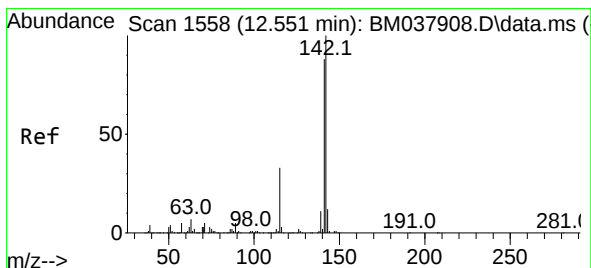
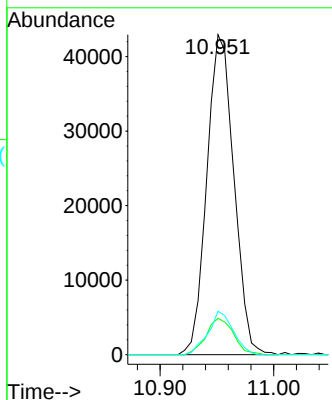
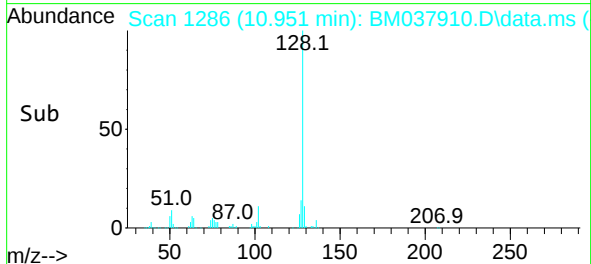
Instrument :
BNA_M
ClientSampleId :
DBXL1DL



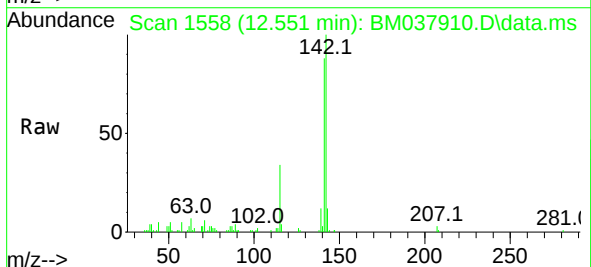
Tgt Ion:128 Resp: 71108
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.5 10.4 15.6

Manual Integrations
APPROVED

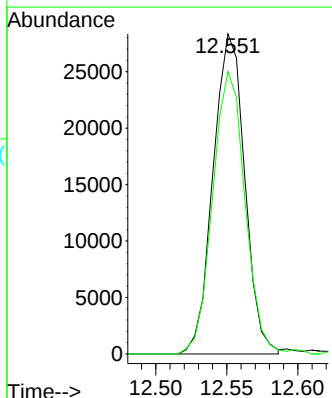
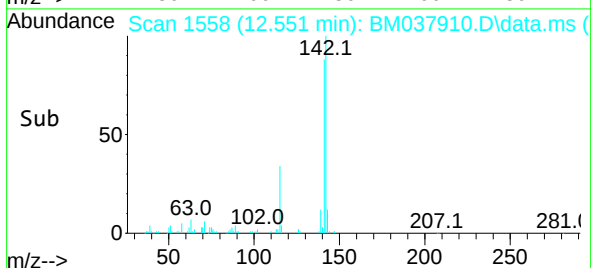
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

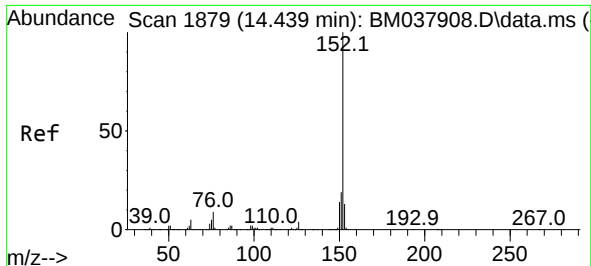


#36
2-Methylnaphthalene
Concen: 1.263 ng/ul
RT: 12.551 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BM037910.D
Acq: 09 Dec 2022 10:59



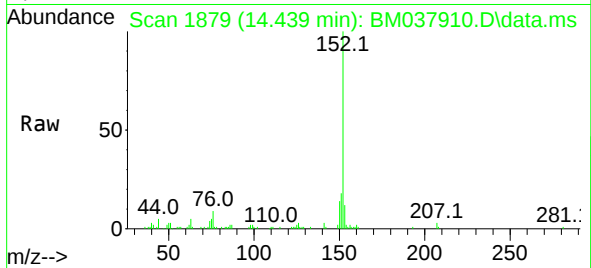
Tgt Ion:142 Resp: 43901
Ion Ratio Lower Upper
142 100
141 88.3 69.4 104.0





#50
Acenaphthylene
Concen: 1.114 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BM037910.D
Acq: 09 Dec 2022 10:59

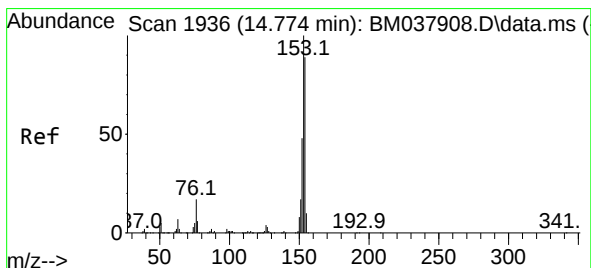
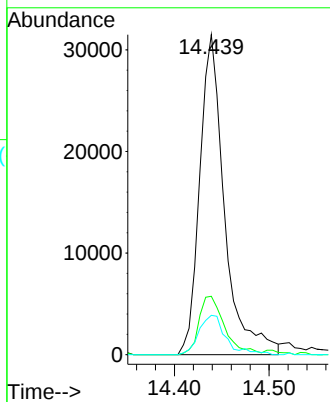
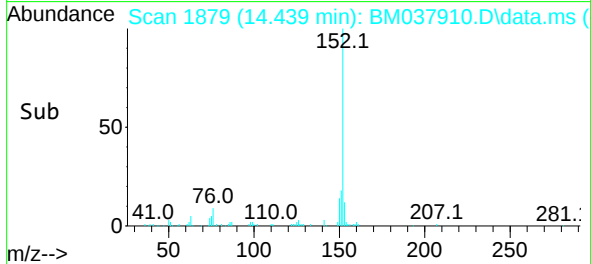
Instrument :
BNA_M
ClientSampleId :
DBXL1DL



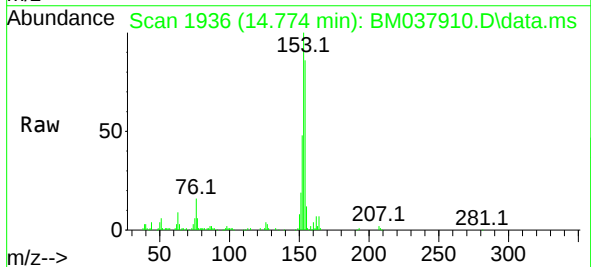
Tgt Ion:152 Resp: 57312
Ion Ratio Lower Upper
152 100
151 18.2 15.3 22.9
153 12.3 10.2 15.4

Manual Integrations
APPROVED

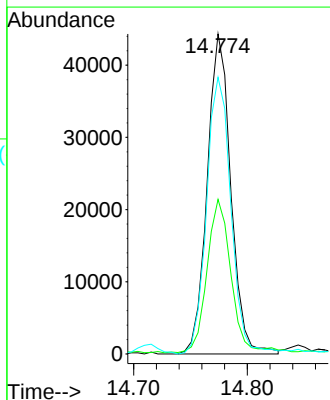
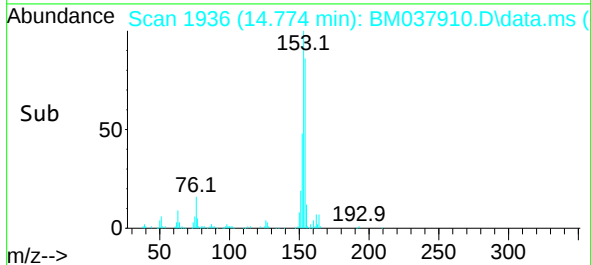
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

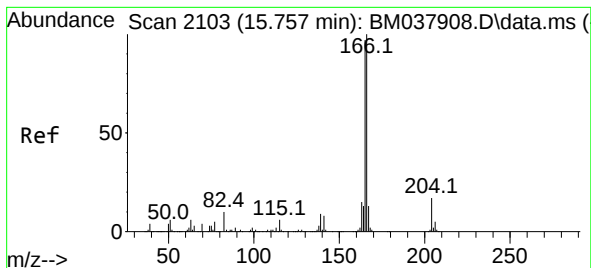


#52
Acenaphthene
Concen: 1.803 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037910.D
Acq: 09 Dec 2022 10:59



Tgt Ion:153 Resp: 64168
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.4
154 86.4 71.4 107.0





#61

Fluorene

Concen: 5.033 ng/ul

RT: 15.757 min Scan# 2103

Delta R.T. -0.000 min

Lab File: BM037910.D

Acq: 09 Dec 2022 10:59

Instrument :

BNA_M

ClientSampleId :

DBXL1DL

Tgt Ion:166 Resp: 19940

Ion Ratio Lower Upper

166 100

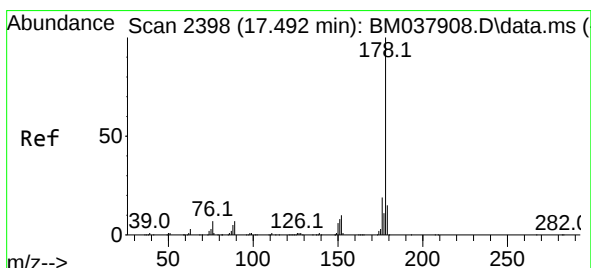
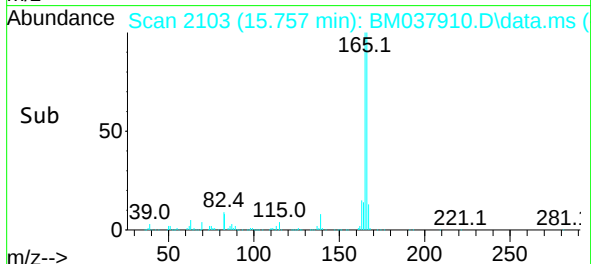
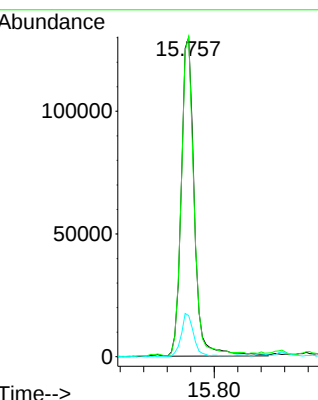
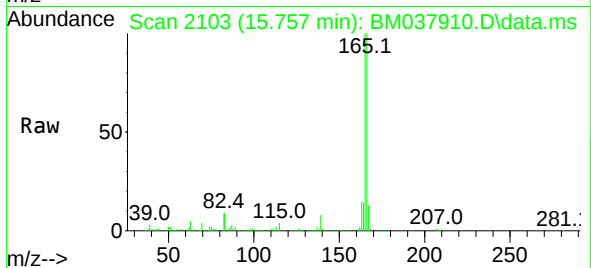
165 100.2 77.2 115.8

167 12.9 10.4 15.6

Manual Integrations

APPROVED

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



#72

Phenanthrene

Concen: 9.286 ng/ul

RT: 17.492 min Scan# 2398

Delta R.T. -0.000 min

Lab File: BM037910.D

Acq: 09 Dec 2022 10:59

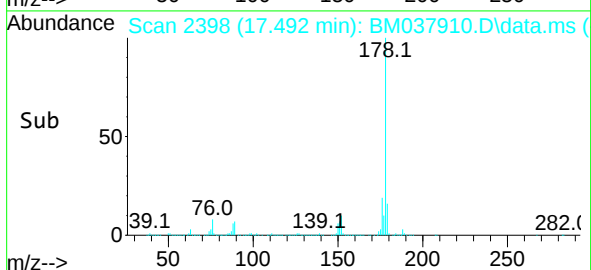
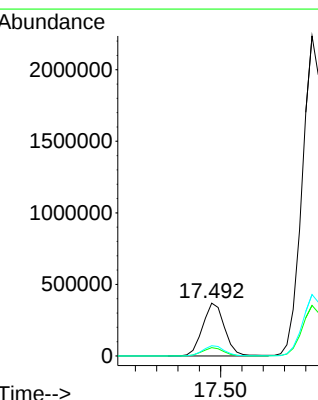
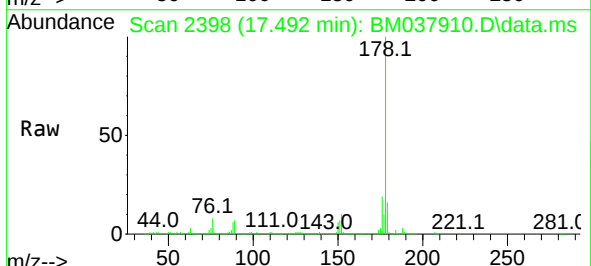
Tgt Ion:178 Resp: 527267

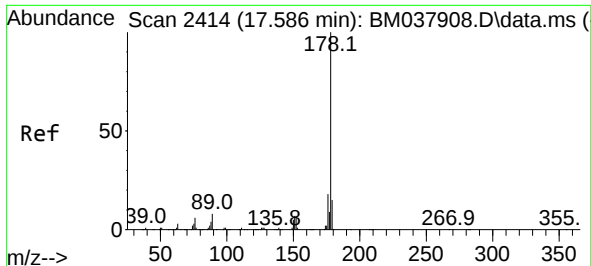
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

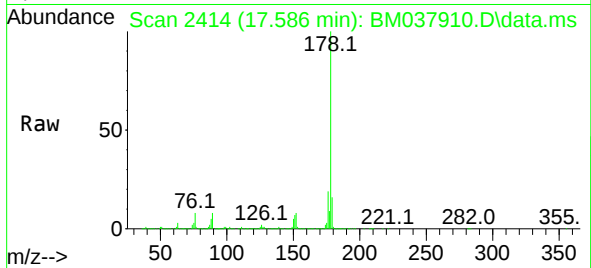
176 19.4 15.4 23.0





#74
 Anthracene
 Concen: 55.443 ng/ul
 RT: 17.586 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BM037910.D
 Acq: 09 Dec 2022 10:59

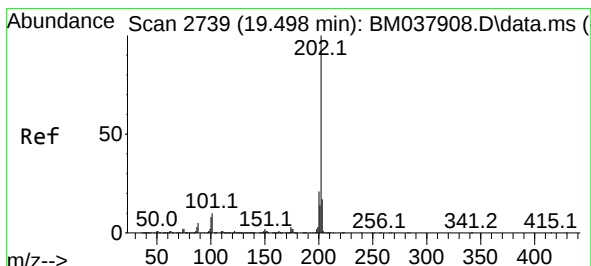
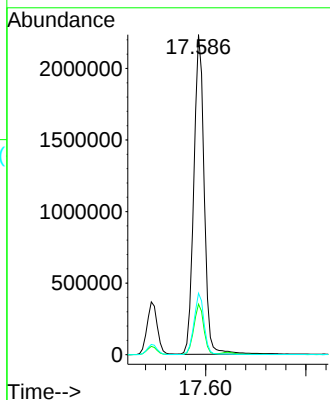
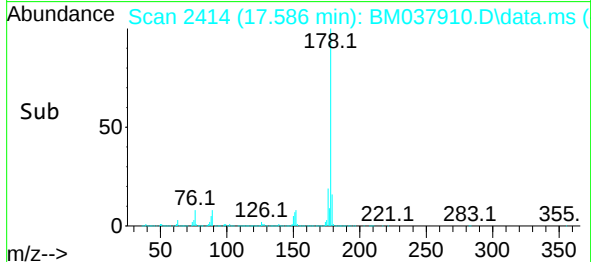
Instrument :
 BNA_M
 ClientSampleId :
 DBXL1DL



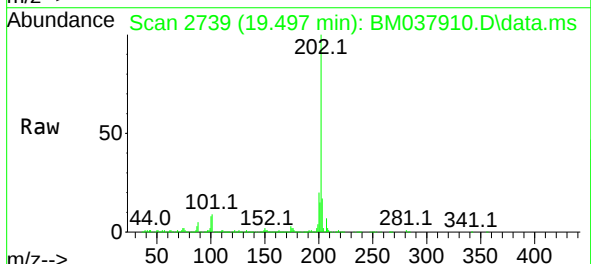
Tgt Ion:178 Resp: 319918
 Ion Ratio Lower Upper
 178 100
 179 15.8 11.8 17.8
 176 19.2 15.0 22.6

Manual Integrations
 APPROVED

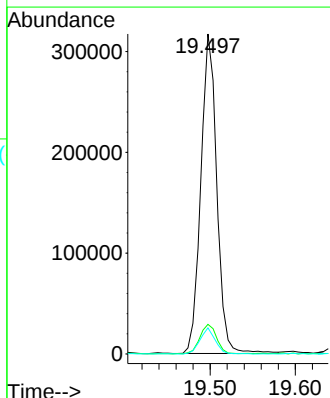
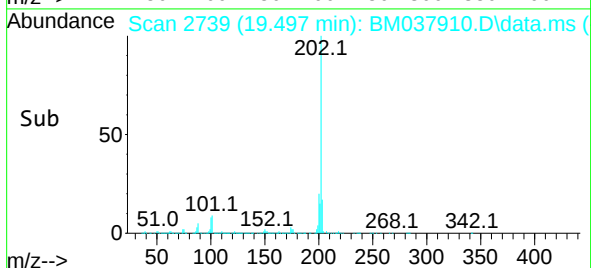
Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

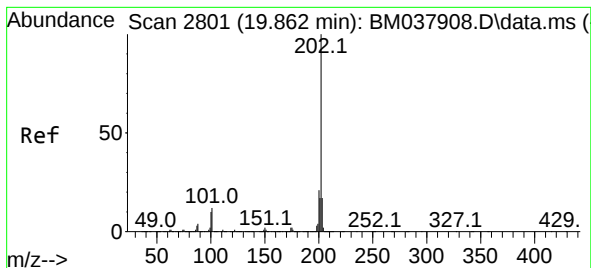


#80
 Fluoranthene
 Concen: 6.536 ng/ul
 RT: 19.497 min Scan# 2739
 Delta R.T. -0.000 min
 Lab File: BM037910.D
 Acq: 09 Dec 2022 10:59



Tgt Ion:202 Resp: 413211
 Ion Ratio Lower Upper
 202 100
 101 9.3 8.6 13.0
 100 8.1 6.6 10.0





#82

Pyrene

Concen: 8.726 ng/ul

RT: 19.862 min Scan# 2801

Delta R.T. -0.000 min

Lab File: BM037910.D

Acq: 09 Dec 2022 10:59

Instrument :

BNA_M

ClientSampleId :

DBXL1DL

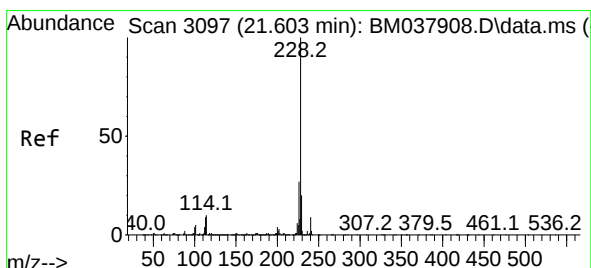
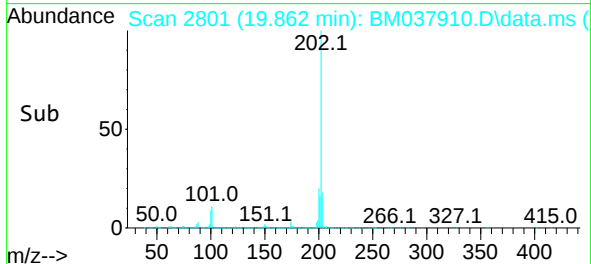
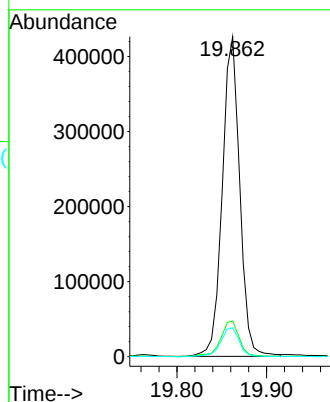
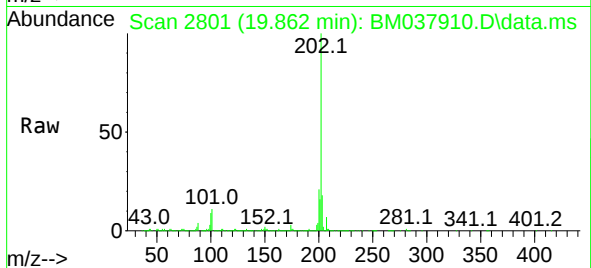
Tgt Ion:202 Resp: 57418

Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.0	15.0
100	9.0	7.9	11.9

Manual Integrations

APPROVED

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



#85

Benzo(a)anthracene

Concen: 2.236 ng/ul

RT: 21.603 min Scan# 3097

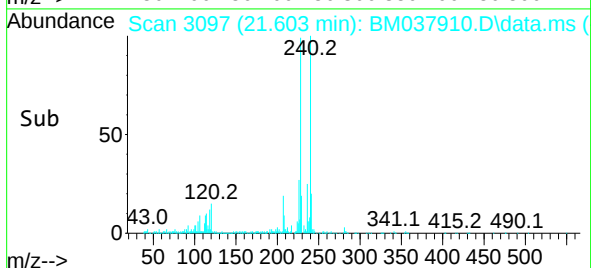
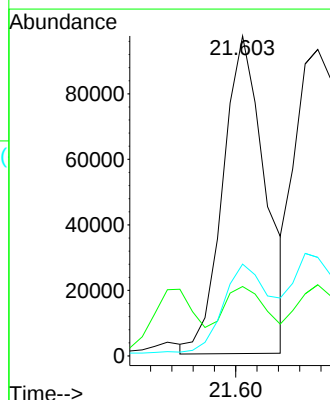
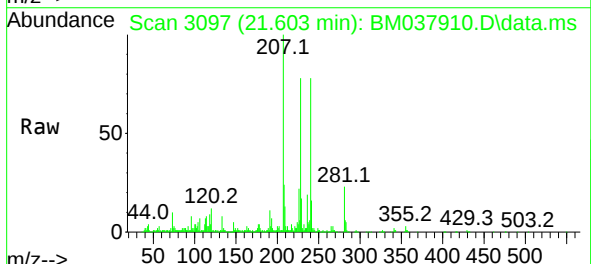
Delta R.T. -0.000 min

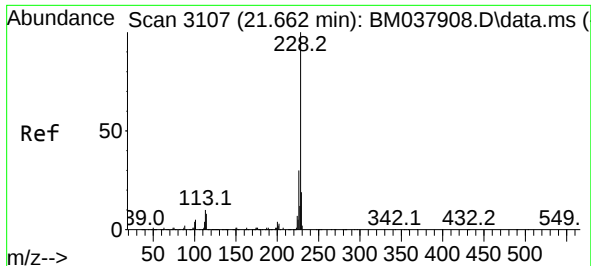
Lab File: BM037910.D

Acq: 09 Dec 2022 10:59

Tgt Ion:228 Resp: 134240

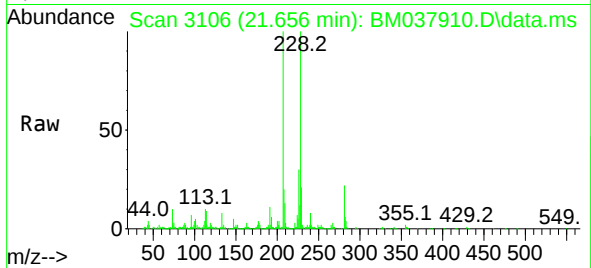
Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.5	23.3
226	28.7	21.8	32.8





#87
Chrysene
Concen: 5.001 ng/ul m
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037910.D
Acq: 09 Dec 2022 10:59

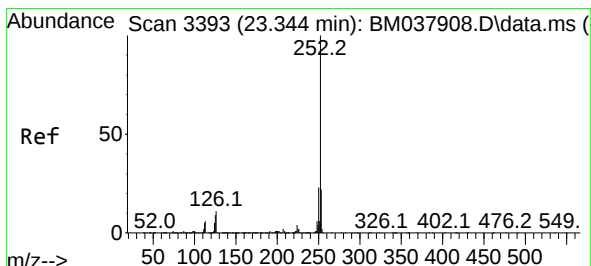
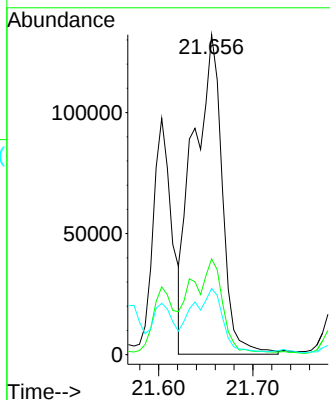
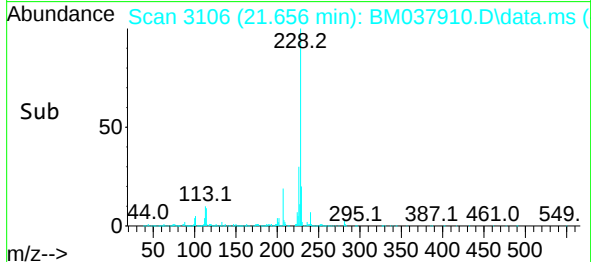
Instrument :
BNA_M
ClientSampleId :
DBXL1DL



Tgt Ion:228 Resp: 28171
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 20.7 15.6 23.4

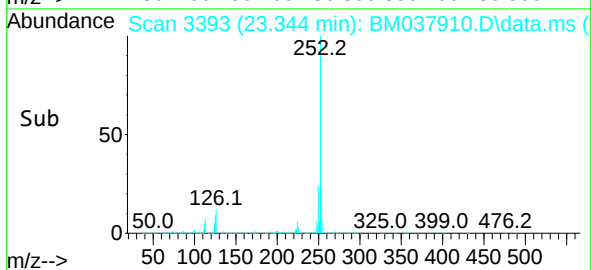
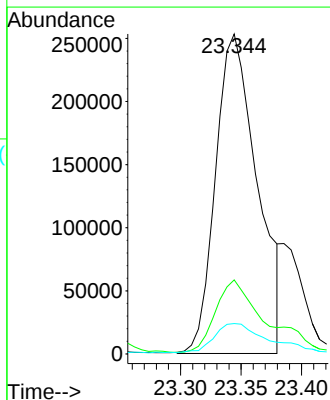
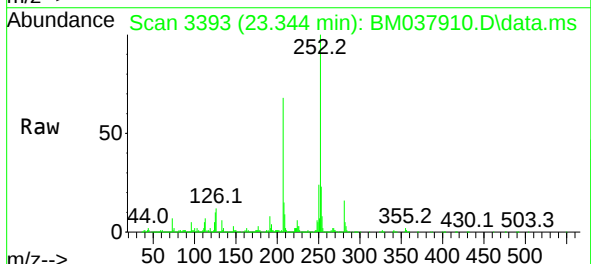
Manual Integrations
APPROVED

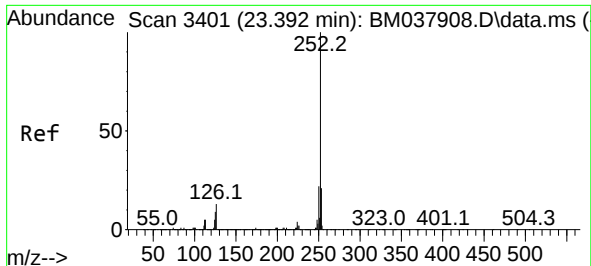
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#90
Benzo(b)fluoranthene
Concen: 9.816 ng/ul m
RT: 23.344 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM037910.D
Acq: 09 Dec 2022 10:59

Tgt Ion:252 Resp: 608566
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 9.5 8.0 12.0





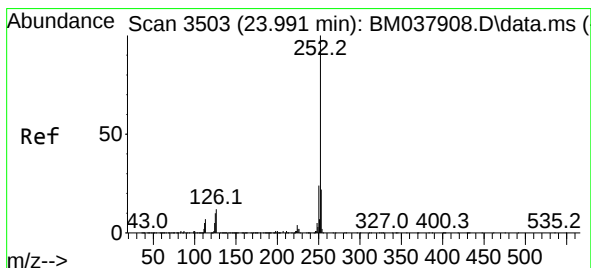
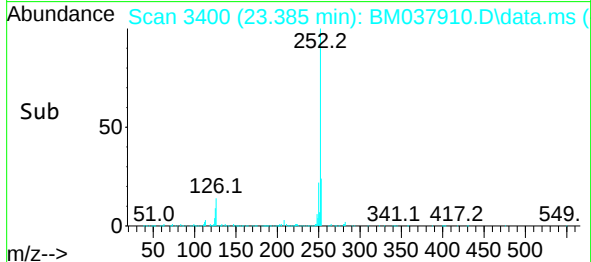
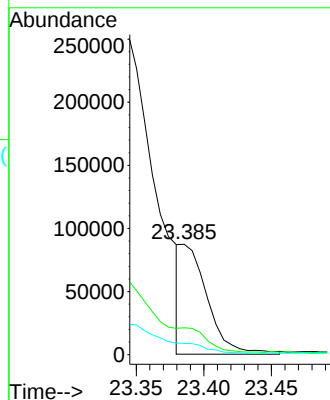
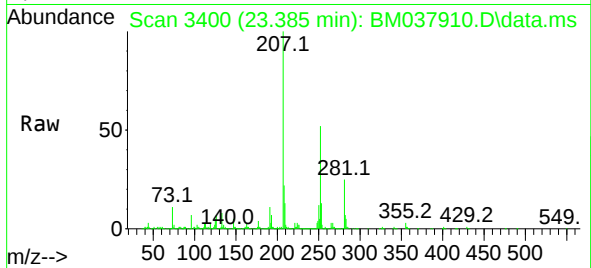
#91
Benzo(k)fluoranthene
Concen: 1.979 ng/ul m
RT: 23.385 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BM037910.D
Acq: 09 Dec 2022 10:59

Instrument :
BNA_M
ClientSampleId :
DBXL1DL

Tgt Ion:252 Resp: 11890
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 10.1 8.1 12.1

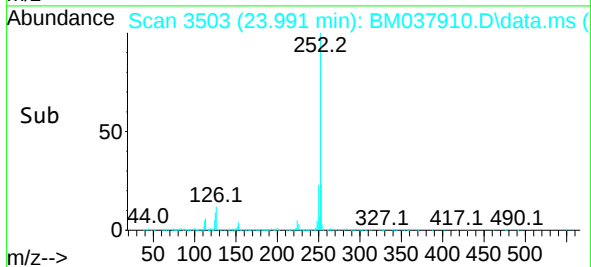
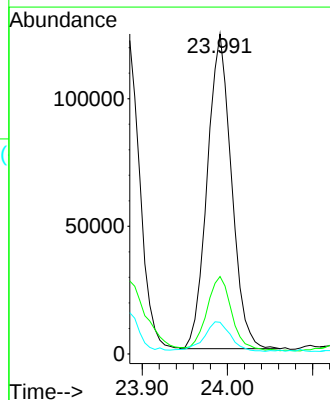
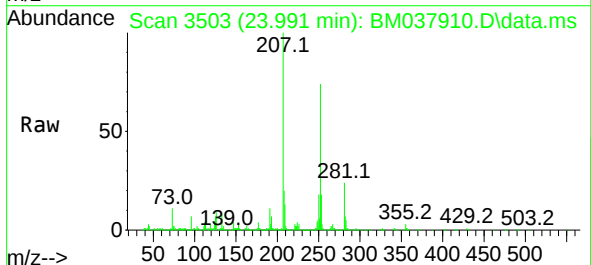
Manual Integrations
APPROVED

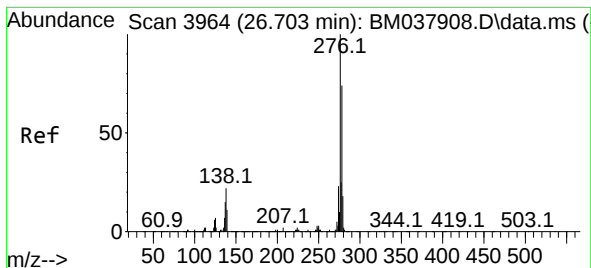
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 4.465 ng/ul
RT: 23.991 min Scan# 3503
Delta R.T. -0.000 min
Lab File: BM037910.D
Acq: 09 Dec 2022 10:59

Tgt Ion:252 Resp: 243398
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 9.9 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.502 ng/ul

RT: 26.691 min Scan# 3962

Delta R.T. -0.012 min

Lab File: BM037910.D

Acq: 09 Dec 2022 10:59

Instrument :

BNA_M

ClientSampleId :

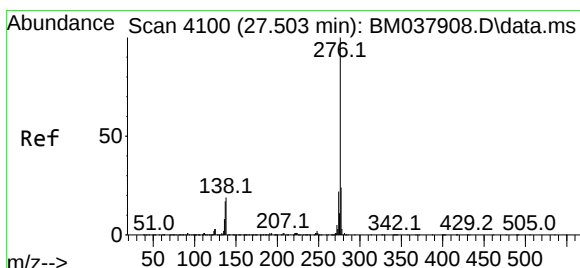
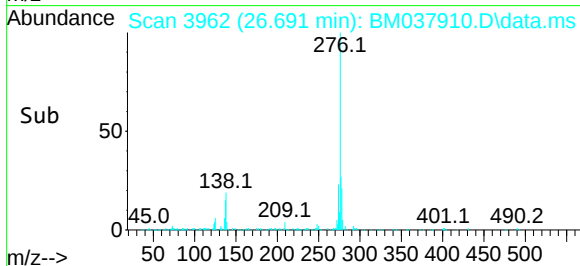
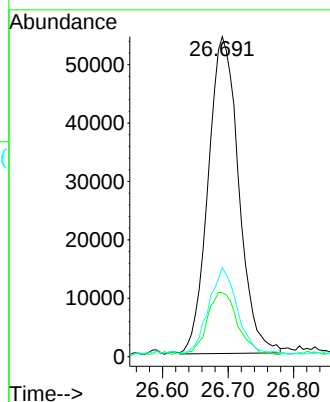
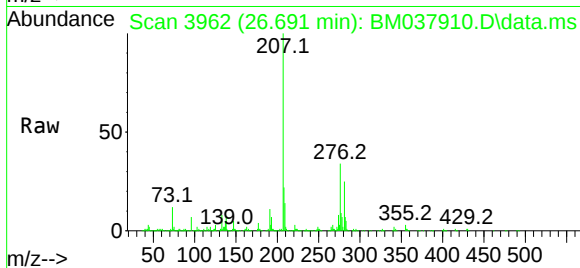
DBXL1DL

Tgt Ion:	276	Resp:	175680
Ion Ratio	Lower	Upper	
276	100		
138	20.0	19.3	28.9
277	27.8	19.8	29.8

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 2.307 ng/ul

RT: 27.497 min Scan# 4099

Delta R.T. -0.006 min

Lab File: BM037910.D

Acq: 09 Dec 2022 10:59

Tgt Ion:	276	Resp:	129321
Ion Ratio	Lower	Upper	
276	100		
138	19.1	17.1	25.7
277	26.3	18.2	27.4

