

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037900.D
 Acq On : 08 Dec 2022 23:21
 Operator : CG/JU
 Sample : N5832-08 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK5

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 01:50:56 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	298768	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1145220	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	581160	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	1093776	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	964872	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	1137029	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4427m	0.673	ng/uL	0.00
4) Pyridine-d5	3.887	84	14465m	0.741	ng/u1	0.02
7) Phenol-d5	7.240	99	83811	3.452	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	54176	3.665	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	70402	3.535	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	62922	3.320	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	34726	3.830	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	31253	3.289	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	57395	3.180	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	43297	1.738	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	158052	3.815	ng/u1	-0.01
49) Acenaphthylene-d8	14.410	160	191409	3.780	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	14643	2.074	ng/u1	0.00
60) Fluorene-d10	15.698	176	143714	3.893	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	11171	1.910	ng/u1	0.00
73) Anthracene-d10	17.551	188	235944	4.622	ng/u1	0.00
81) Pyrene-d10	19.833	212	241372	4.164	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	237275	4.178	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.439	152	87891	1.578	ng/u1	97
72) Phenanthrene	17.492	178	103824	1.738	ng/u1	99
74) Anthracene	17.586	178	504847	8.317	ng/u1	99
80) Fluoranthene	19.498	202	359827	5.260	ng/u1	99
82) Pyrene	19.862	202	650590	9.139	ng/u1	98
85) Benzo(a)anthracene	21.603	228	206268	3.175	ng/u1	96
87) Chrysene	21.656	228	330022m	5.415	ng/u1	
90) Benzo(b)fluoranthene	23.344	252	859418	12.192	ng/u1	99
91) Benzo(k)fluoranthene	23.386	252	196668m	2.879	ng/u1	
93) Benzo(a)pyrene	23.991	252	347929	5.613	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.697	276	256666	3.215	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.697	278	68091	1.012	ng/u1#	80
96) Benzo(g,h,i)perylene	27.497	276	150476	2.361	ng/u1	98

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

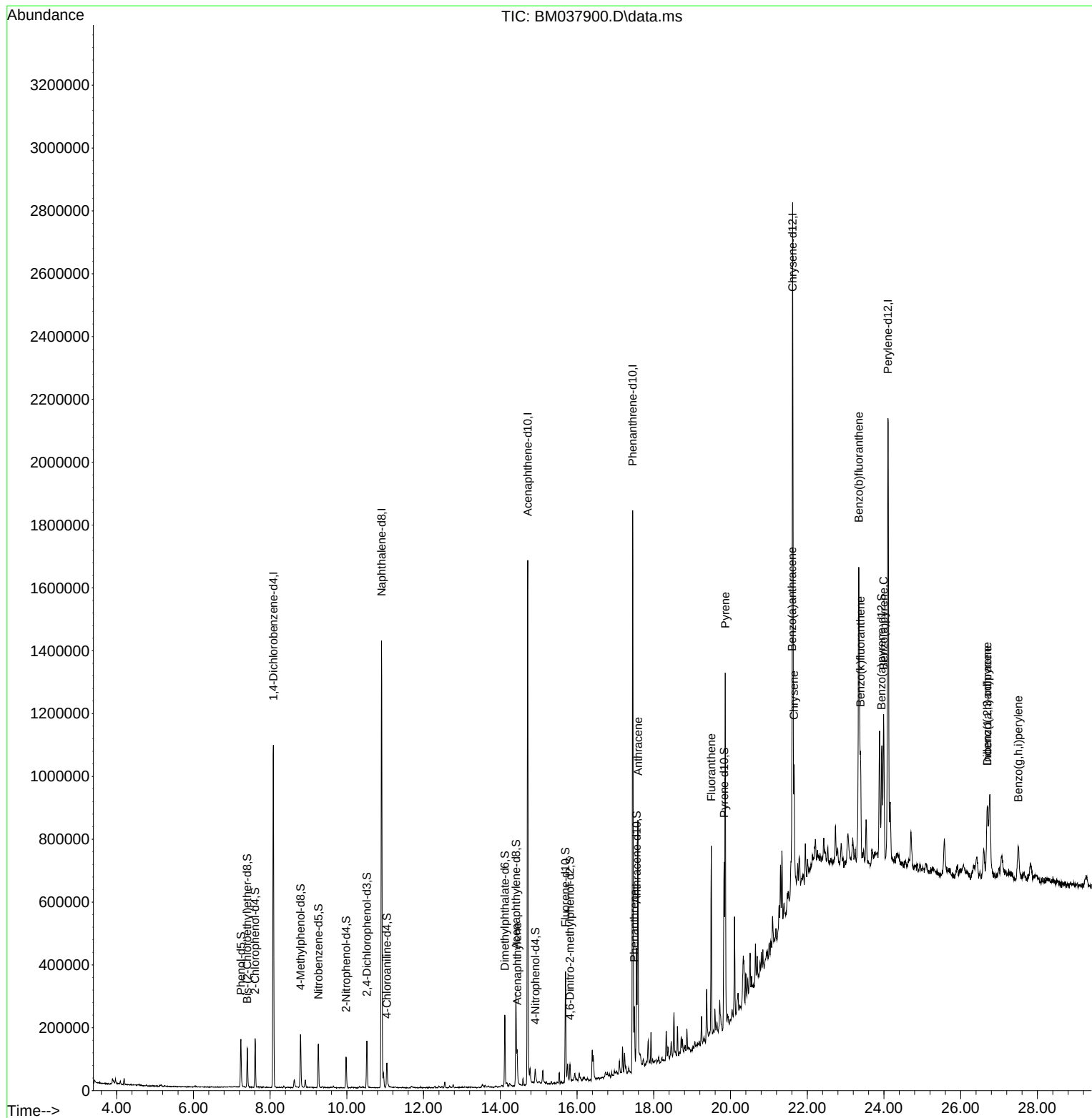
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037900.D
Acq On : 08 Dec 2022 23:21
Operator : CG/JU
Sample : N5832-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

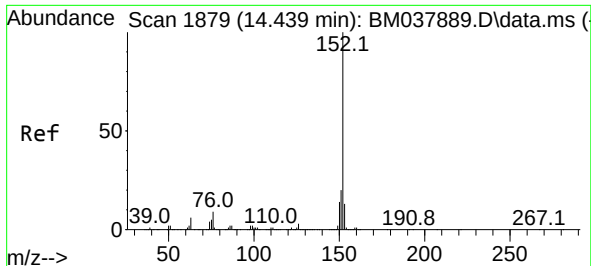
Instrument :
BNA_M
ClientSampleId :
DBXK5

Quant Time: Dec 09 01:50:56 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

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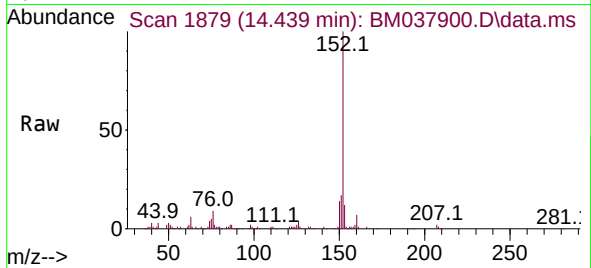
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022





#50
Acenaphthylene
Concen: 1.578 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037900.D
Acq: 08 Dec 2022 23:21

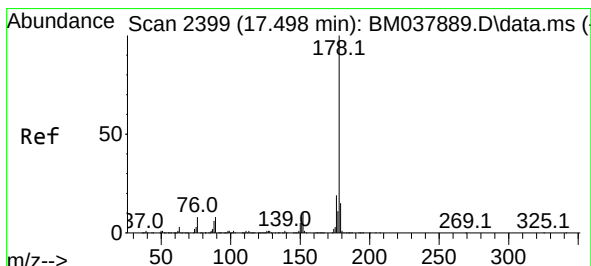
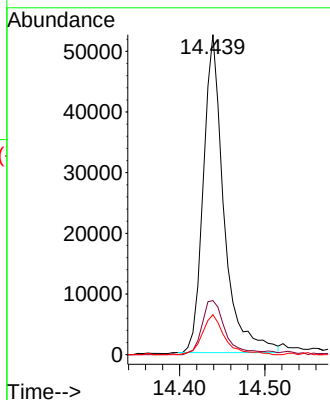
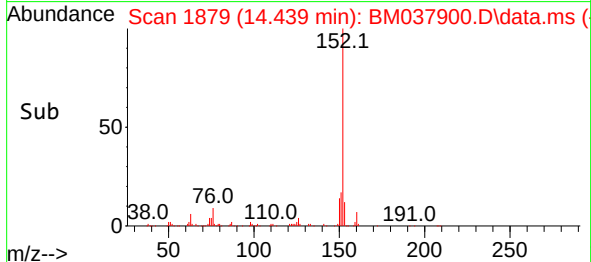
Instrument :
BNA_M
ClientSampleId :
DBXK5



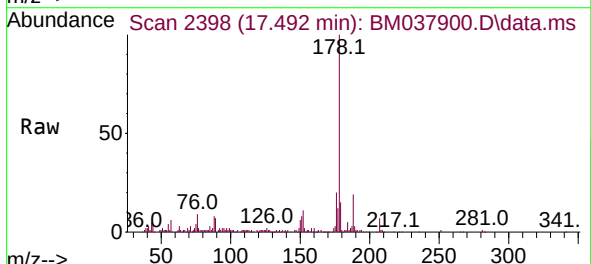
Tgt Ion:152 Resp: 87891
Ion Ratio Lower Upper
152 100
151 16.9 15.3 22.9
153 12.5 10.2 15.4

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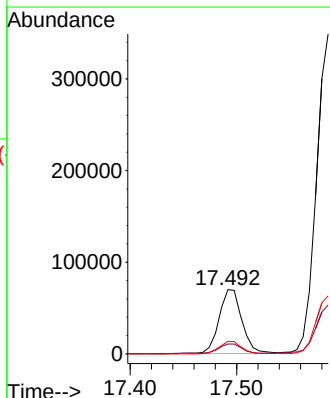
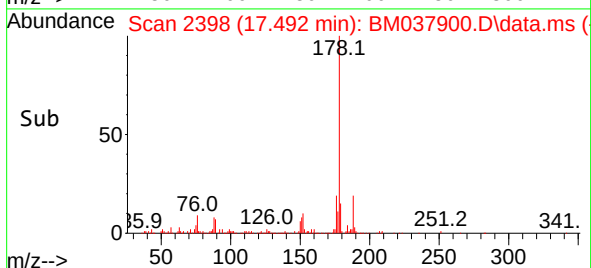
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

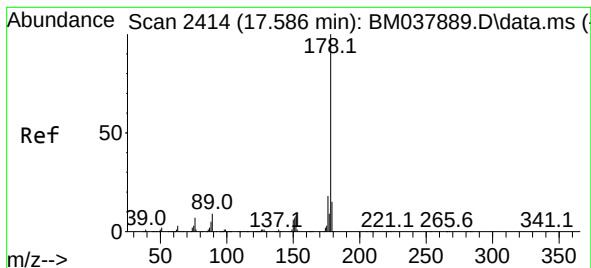


#72
Phenanthrene
Concen: 1.738 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037900.D
Acq: 08 Dec 2022 23:21



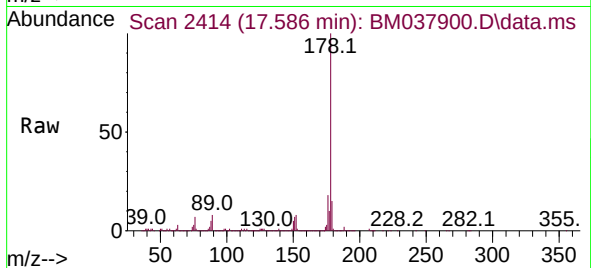
Tgt Ion:178 Resp: 103824
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.6 15.4 23.0





#74
 Anthracene
 Concen: 8.317 ng/ul
 RT: 17.586 min Scan# 2414
 Delta R.T. -0.006 min
 Lab File: BM037900.D
 Acq: 08 Dec 2022 23:21

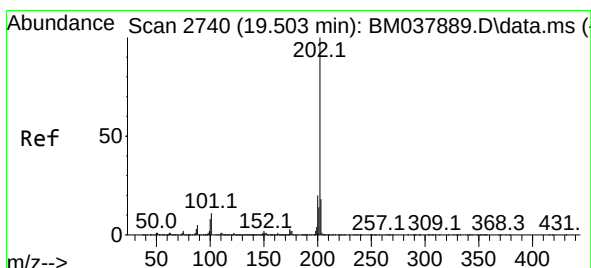
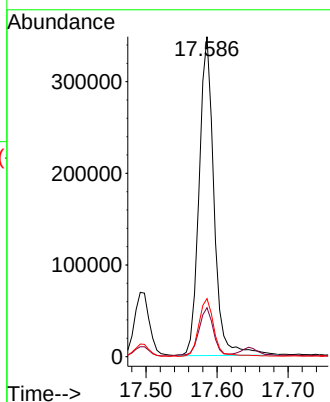
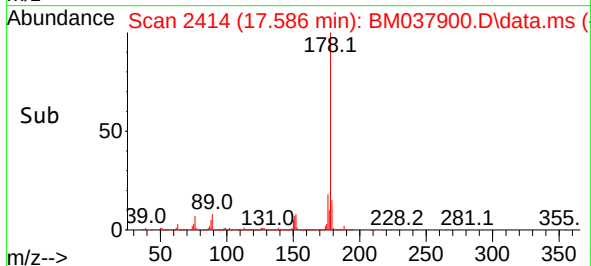
Instrument :
 BNA_M
 ClientSampleId :
 DBXK5



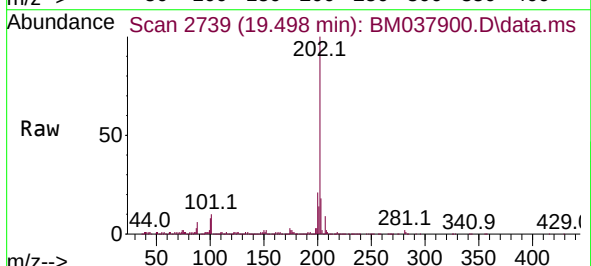
Tgt Ion:178 Resp: 504847
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.8 17.8
 176 18.1 15.0 22.6

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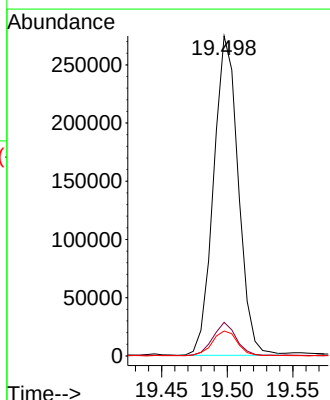
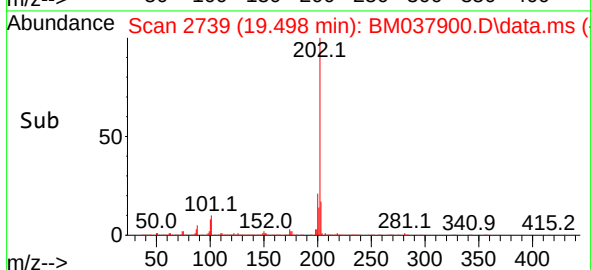
Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

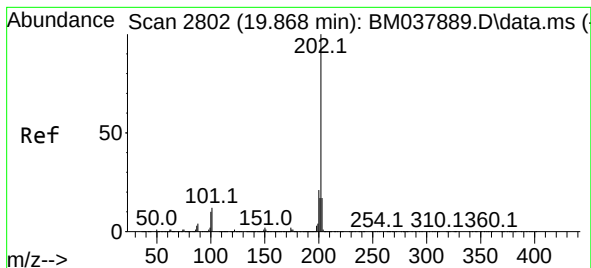


#80
 Fluoranthene
 Concen: 5.260 ng/ul
 RT: 19.498 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BM037900.D
 Acq: 08 Dec 2022 23:21



Tgt Ion:202 Resp: 359827
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.6 13.0
 100 7.8 6.6 10.0





#82

Pyrene

Concen: 9.139 ng/ul

RT: 19.862 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

Instrument :

BNA_M

ClientSampleId :

DBXK5

Tgt Ion:202 Resp: 650590

Ion Ratio Lower Upper

202 100

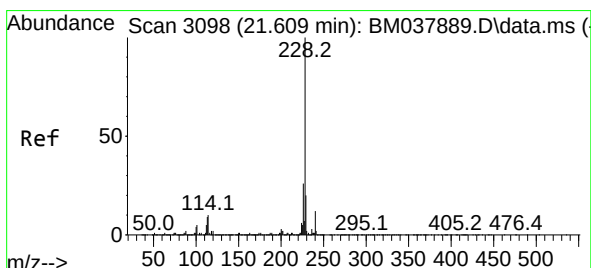
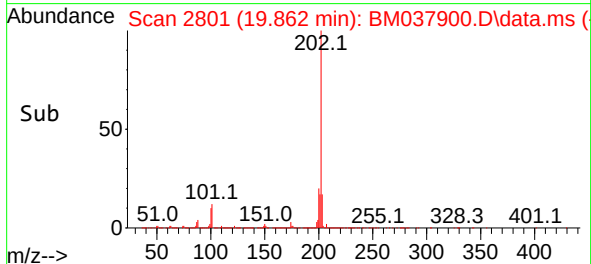
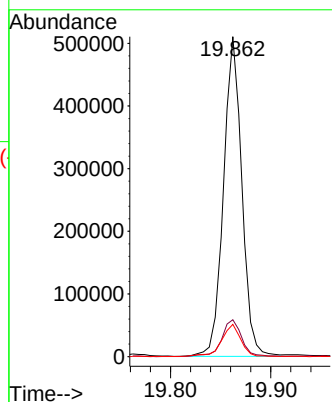
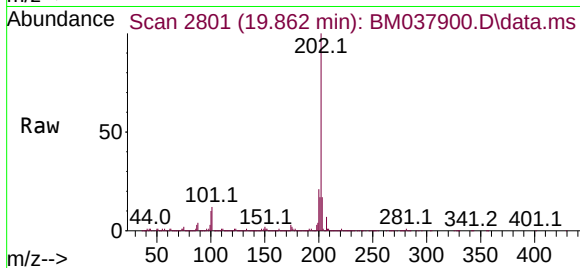
101 11.5 10.0 15.0

100 10.1 7.9 11.9

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#85

Benzo(a)anthracene

Concen: 3.175 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

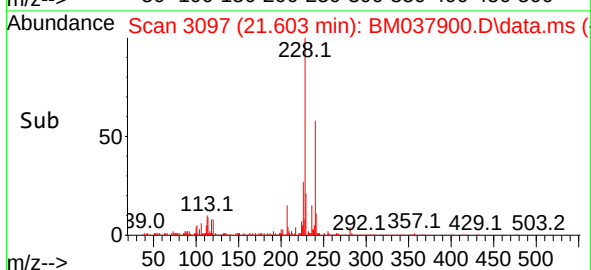
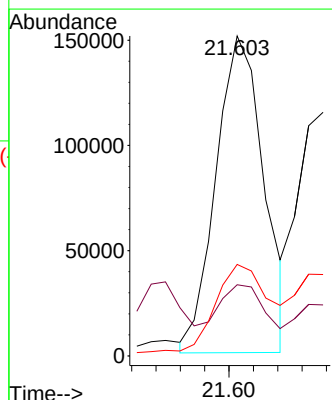
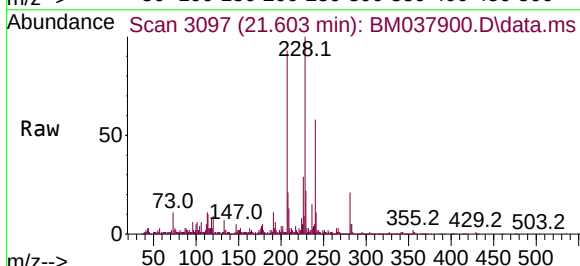
Tgt Ion:228 Resp: 206268

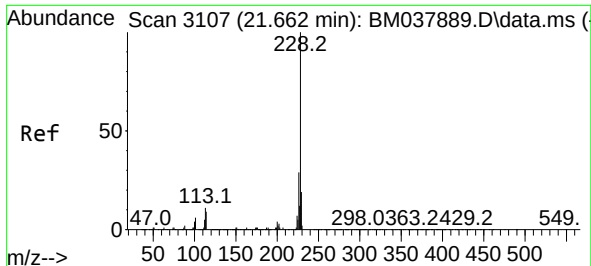
Ion Ratio Lower Upper

228 100

229 22.2 15.5 23.3

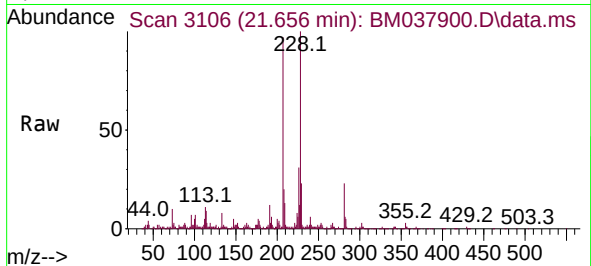
226 28.6 21.8 32.8





#87
Chrysene
Concen: 5.415 ng/ul m
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037900.D
Acq: 08 Dec 2022 23:21

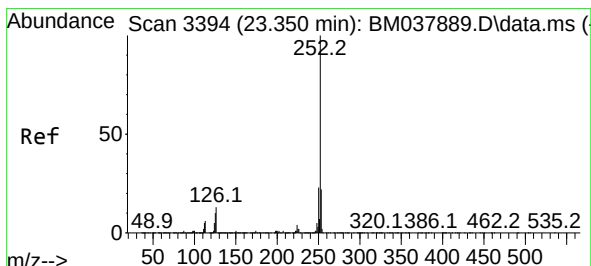
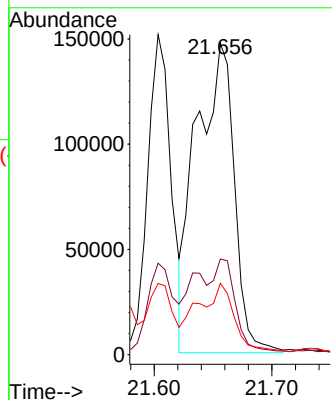
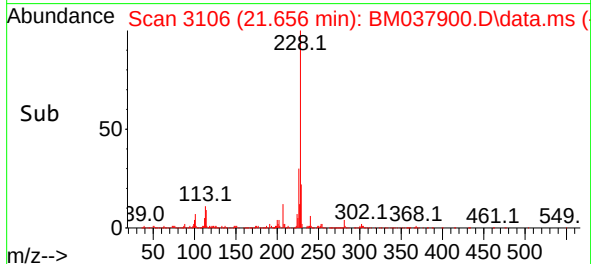
Instrument :
BNA_M
ClientSampleId :
DBXK5



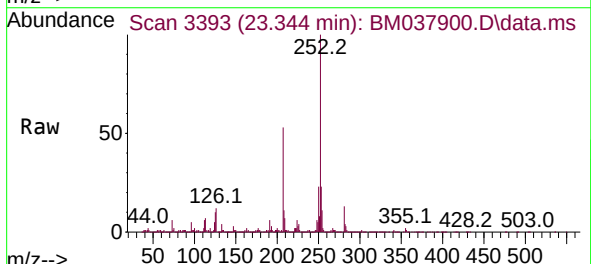
Tgt Ion:228 Resp: 330022
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.9 15.6 23.4

Manual Integrations
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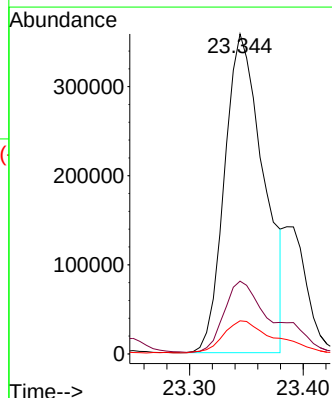
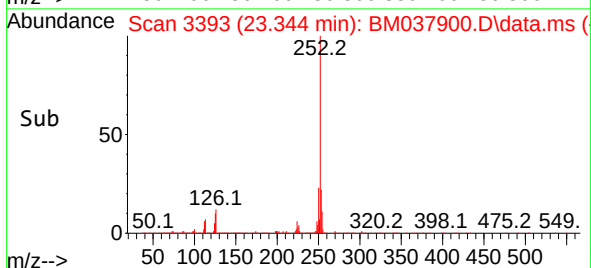
Reviewed By :Jagrut Upadhyay 12/09/2022
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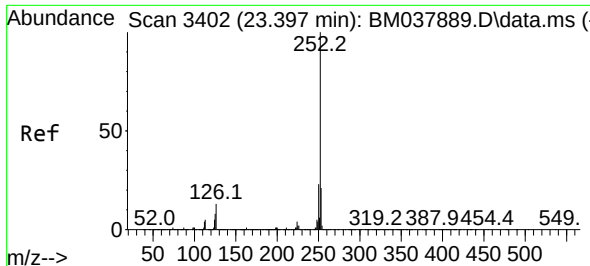


#90
Benzo(b)fluoranthene
Concen: 12.192 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM037900.D
Acq: 08 Dec 2022 23:21



Tgt Ion:252 Resp: 859418
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.3 8.0 12.0





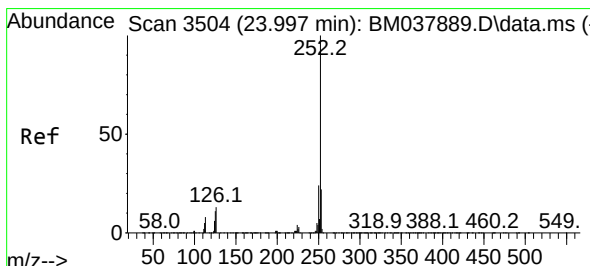
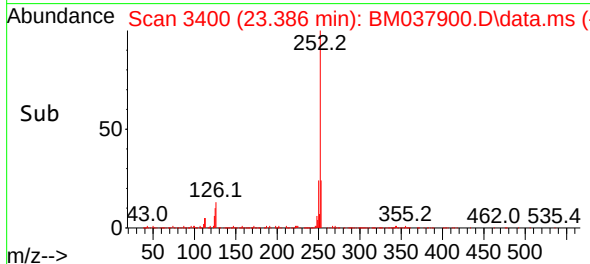
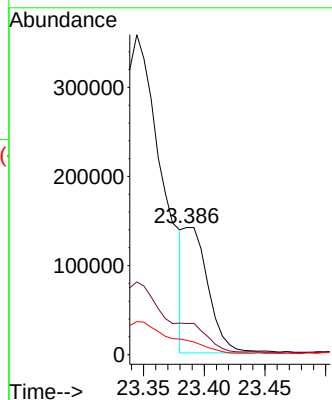
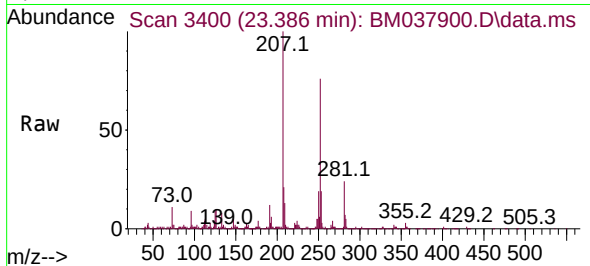
#91
Benzo(k)fluoranthene
Concen: 2.879 ng/ul m
RT: 23.386 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM037900.D
Acq: 08 Dec 2022 23:21

Instrument :
BNA_M
ClientSampleId :
DBXK5

Tgt Ion:252 Resp: 196668
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 11.3 8.1 12.1

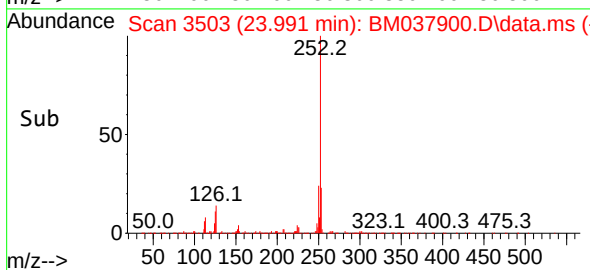
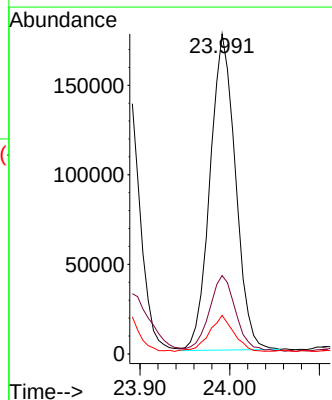
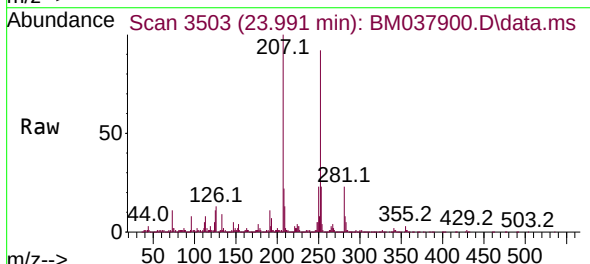
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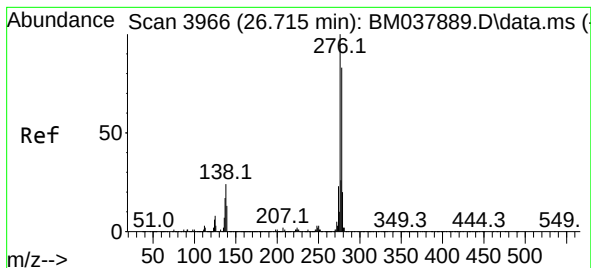
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 5.613 ng/ul
RT: 23.991 min Scan# 3503
Delta R.T. -0.006 min
Lab File: BM037900.D
Acq: 08 Dec 2022 23:21

Tgt Ion:252 Resp: 347929
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 12.0 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.215 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.012 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

Instrument :

BNA_M

ClientSampleId :

DBXK5

Tgt Ion:276 Resp: 256666

Ion Ratio Lower Upper

276 100

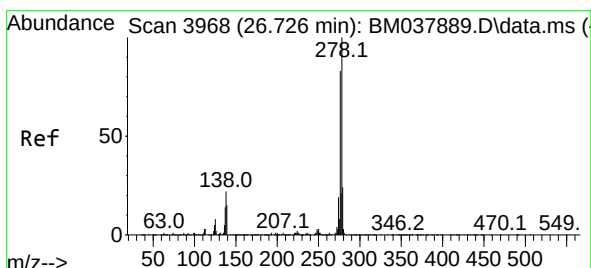
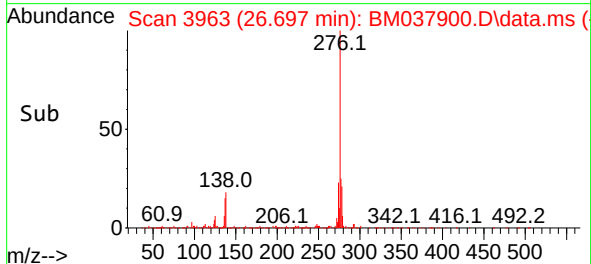
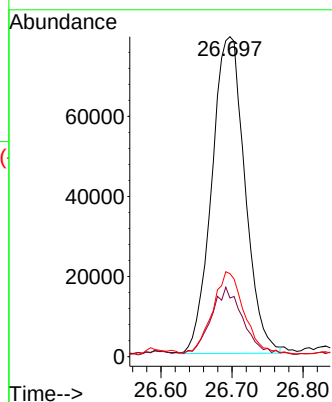
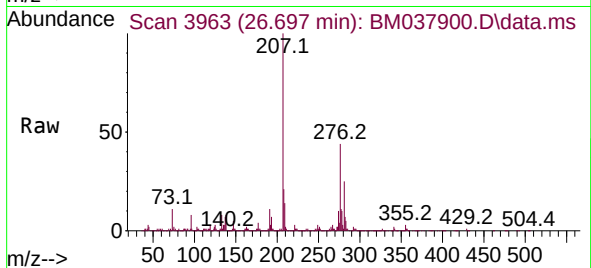
138 18.3 19.3 28.9#

277 25.9 19.8 29.8#

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.012 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.029 min

Lab File: BM037900.D

Acq: 08 Dec 2022 23:21

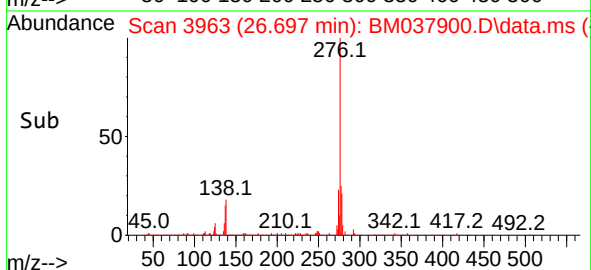
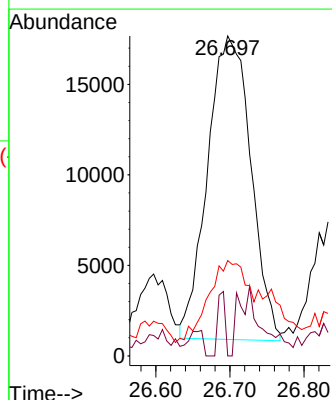
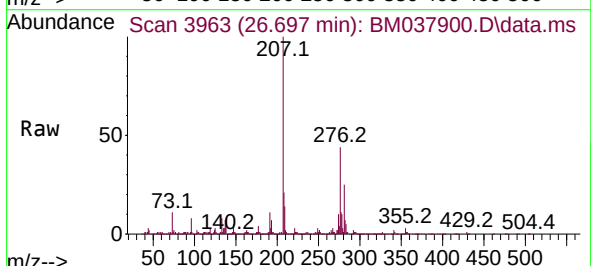
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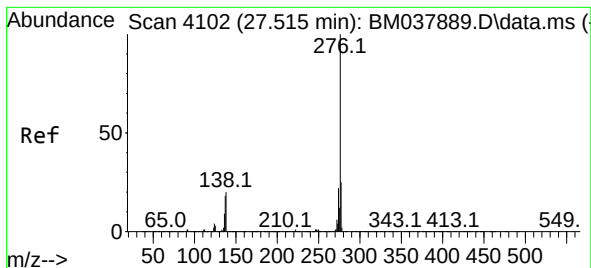
Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

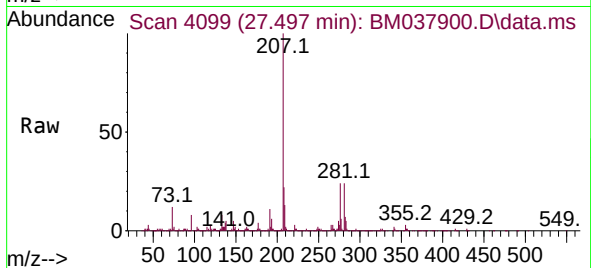
279 29.8 19.8 29.6#





#96
 Benzo(g,h,i)perylene
 Concen: 2.361 ng/ul
 RT: 27.497 min Scan# 4099
 Delta R.T. -0.018 min
 Lab File: BM037900.D
 Acq: 08 Dec 2022 23:21

Instrument :
 BNA_M
 ClientSampleId :
 DBXK5



Tgt Ion:276 Resp: 150476
 Ion Ratio Lower Upper
 276 100
 138 20.5 17.1 25.7
 277 23.4 18.2 27.4

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