

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037883.D
 Acq On : 08 Dec 2022 12:54
 Operator : CG/JU
 Sample : N5832-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK9

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 22:37:47 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	259888	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	971761	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	507041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	957866	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	668081	20.000	ng/u1	0.02
88) Perylene-d12	24.139	264	1067913m	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	27332	4.775	ng/uL	0.00
4) Pyridine-d5	3.864	84	289036	17.023	ng/u1	0.00
7) Phenol-d5	7.240	99	612236	28.990	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	356047	27.687	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	509671	29.419	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	472693	28.674	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	247305	32.143	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	262641	32.574	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	452554	29.550	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	356129	16.846	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	1163971	32.200	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	1428957	32.344	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	175618	28.506	ng/u1	0.00
60) Fluorene-d10	15.704	176	1030745	32.005	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	93721	18.301	ng/u1	0.00
73) Anthracene-d10	17.586	188	1203760	26.927	ng/u1	0.03
81) Pyrene-d10	19.851	212	1383462	34.473	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.986	264	1654986m	31.027	ng/u1	0.04
Target Compounds					Qvalue	
30) Naphthalene	10.957	128	1795633	34.241	ng/u1	100
36) 2-Methylnaphthalene	12.557	142	1066927	31.368	ng/u1	98
37) 1-Methylnaphthalene	12.775	142	178339	5.128	ng/u1	98
50) Acenaphthylene	14.445	152	1527319	31.439	ng/u1	99
52) Acenaphthene	14.781	153	1464551	43.586	ng/u1	100
61) Fluorene	15.769	166	5083688	135.883	ng/u1	99
71) Pentachlorophenol	17.116	266	138053	19.811	ng/u1	98
72) Phenanthrene	17.516	178	14687692	280.787	ng/u1	97
74) Anthracene	17.610	178	38958056m	732.857	ng/u1	
80) Fluoranthene	19.521	202	21198474m	447.574	ng/u1	
82) Pyrene	19.886	202	24845226m	504.036	ng/u1	
85) Benzo(a)anthracene	21.633	228	11277088	250.727	ng/u1	95
87) Chrysene	21.698	228	15829482	375.105	ng/u1	95
90) Benzo(b)fluoranthene	23.404	252	21113634m	318.907	ng/u1	
91) Benzo(k)fluoranthene	23.445	252	5398192m	84.131	ng/u1	
93) Benzo(a)pyrene	24.051	252	10132220m	174.033	ng/u1	
94) Indeno(1,2,3-cd)pyrene	26.774	276	6880694m	91.766	ng/u1	
95) Dibenzo(a,h)anthracene	26.768	278	1902109m	30.091	ng/u1	
96) Benzo(g,h,i)perylene	27.586	276	5356148m	89.469	ng/u1	

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

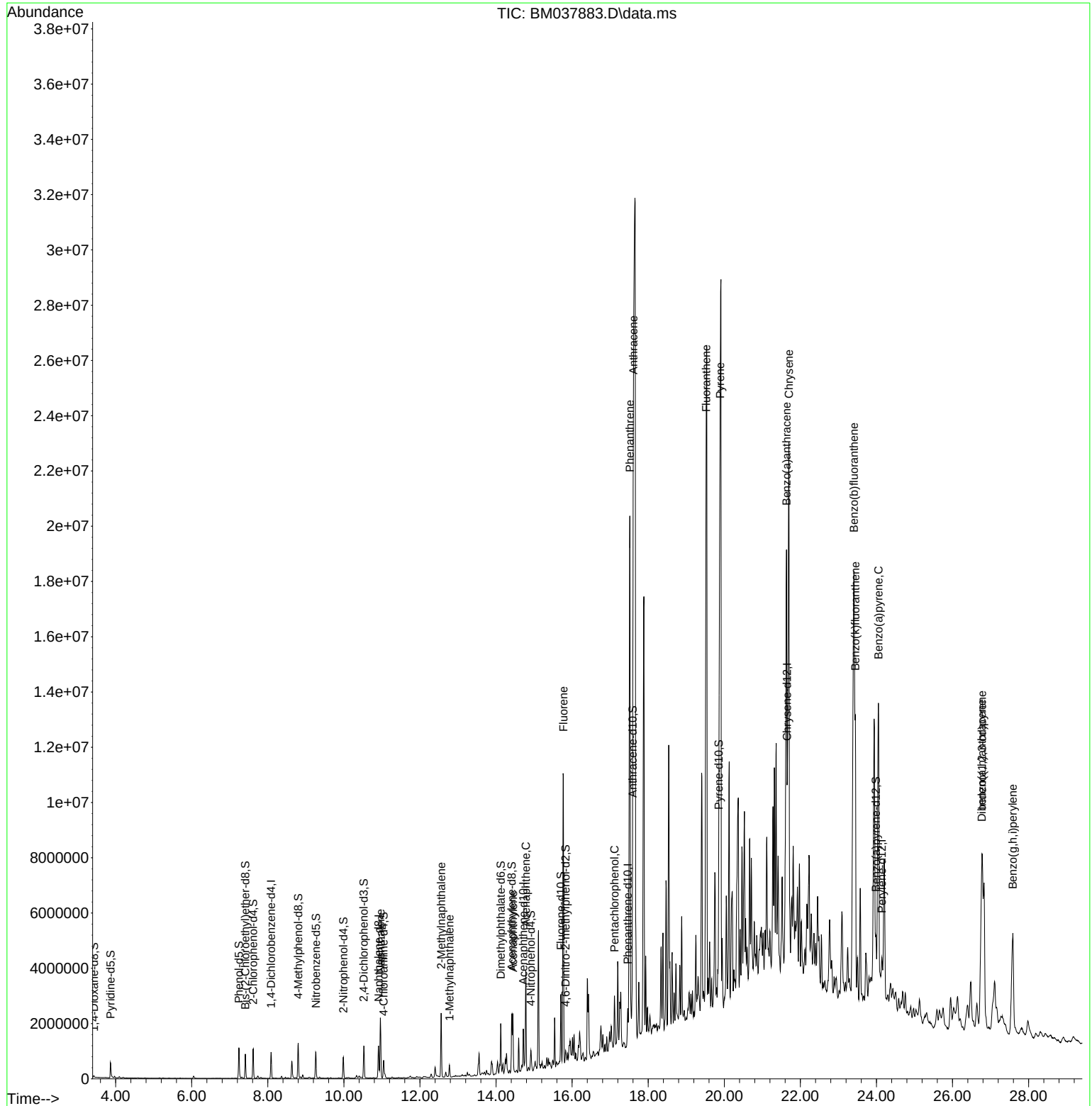
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

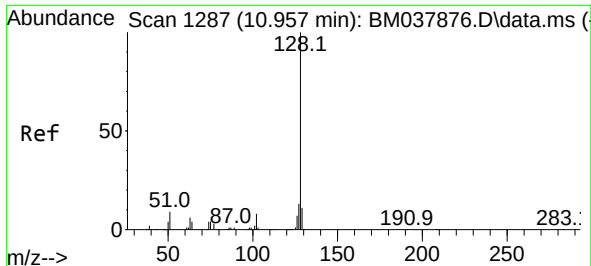
Instrument :
BNA_M
ClientSampleId :
DBXK9

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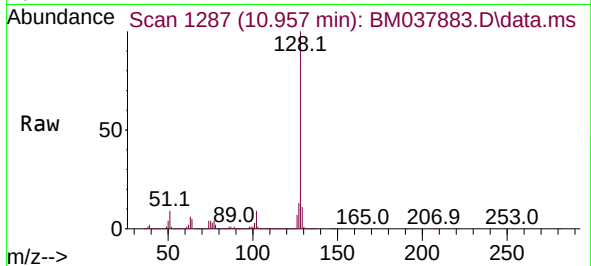
Quant Time: Dec 08 22:37:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 34.241 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

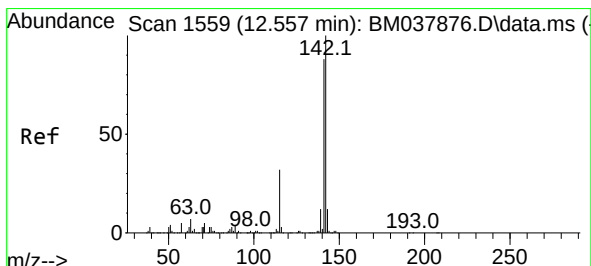
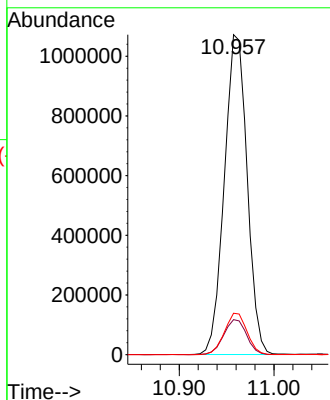
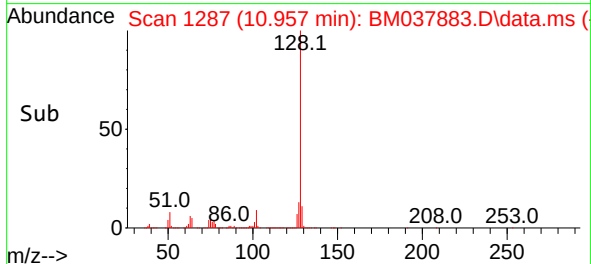
Instrument :
BNA_M
ClientSampleId :
DBXK9



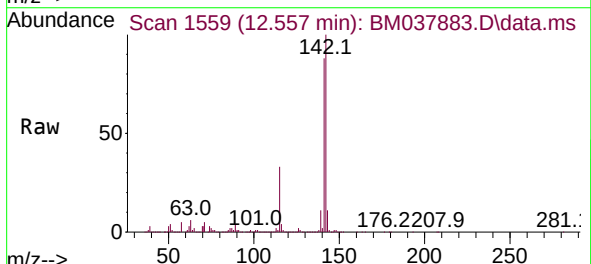
Tgt Ion:128 Resp: 1795633
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.9 10.4 15.6

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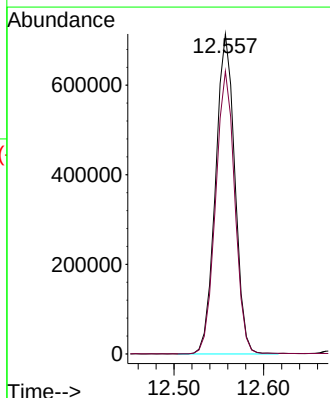
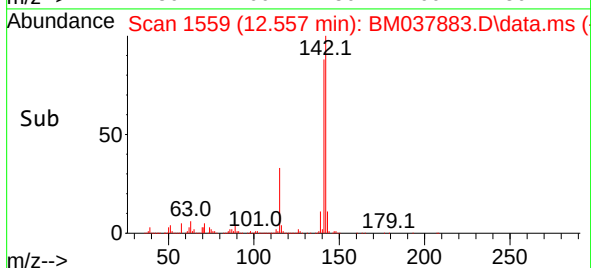
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

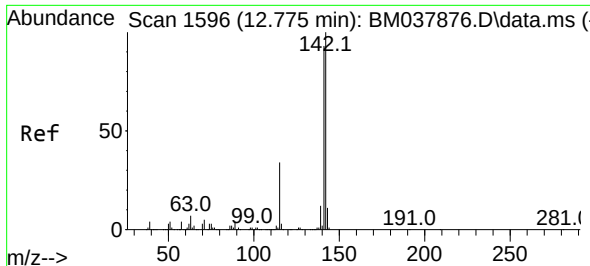


#36
2-Methylnaphthalene
Concen: 31.368 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54



Tgt Ion:142 Resp: 1066927
Ion Ratio Lower Upper
142 100
141 88.3 69.4 104.0





#37

1-Methylnaphthalene

Concen: 5.128 ng/ul

RT: 12.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM037883.D

Acq: 08 Dec 2022 12:54

Instrument :

BNA_M

ClientSampleId :

DBXK9

Tgt Ion:142 Resp: 178339

Ion Ratio Lower Upper

142 100

141 88.4 72.4 108.6

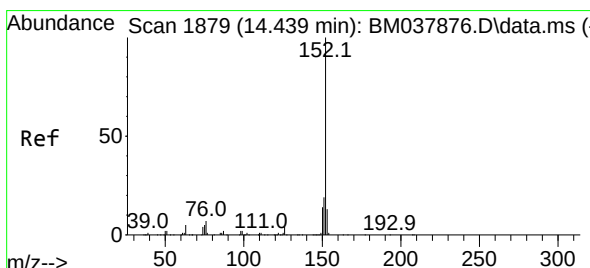
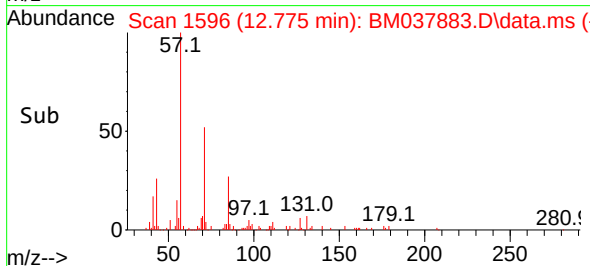
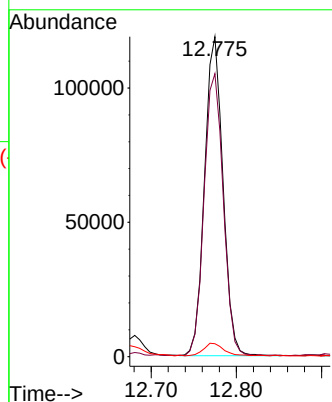
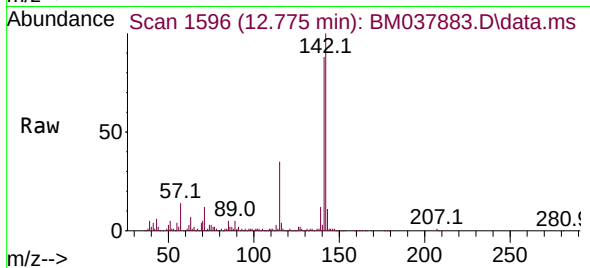
116 4.0 2.9 4.3

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#50

Acenaphthylene

Concen: 31.439 ng/ul

RT: 14.445 min Scan# 1880

Delta R.T. 0.000 min

Lab File: BM037883.D

Acq: 08 Dec 2022 12:54

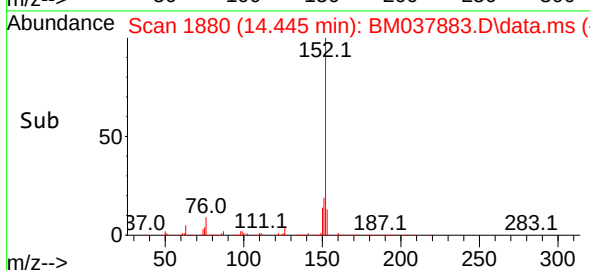
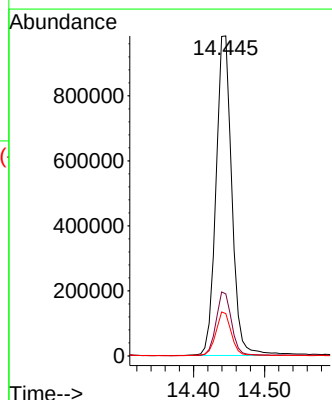
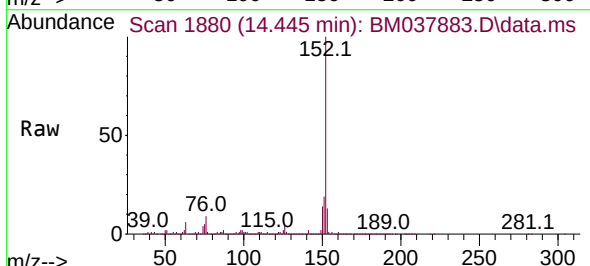
Tgt Ion:152 Resp: 1527319

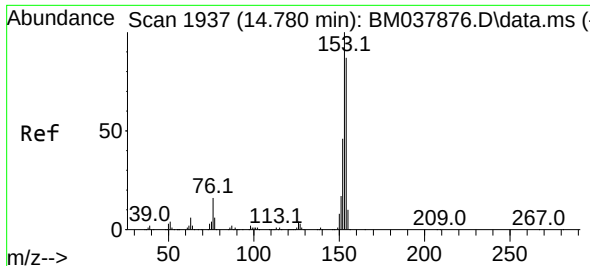
Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9

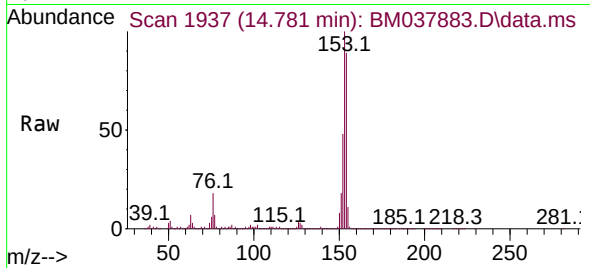
153 13.2 10.2 15.4





#52
Acenaphthene
Concen: 43.586 ng/ul
RT: 14.781 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

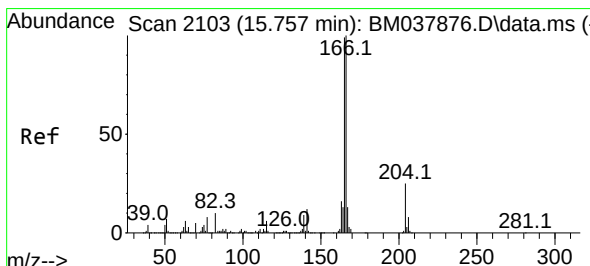
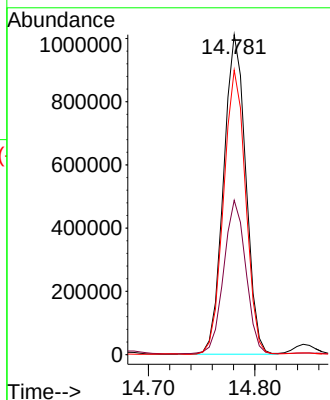
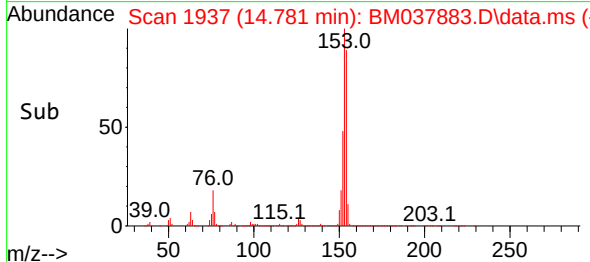
Instrument :
BNA_M
ClientSampleId :
DBXK9



Tgt Ion:153 Resp: 146455
Ion Ratio Lower Upper
153 100
152 48.2 38.2 57.4
154 88.9 71.4 107.0

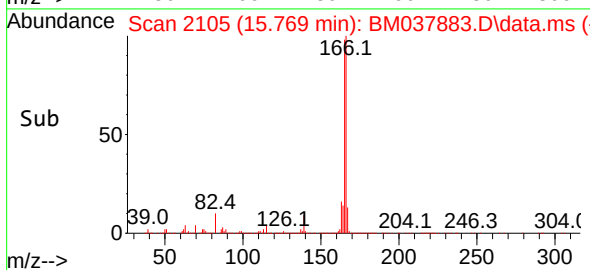
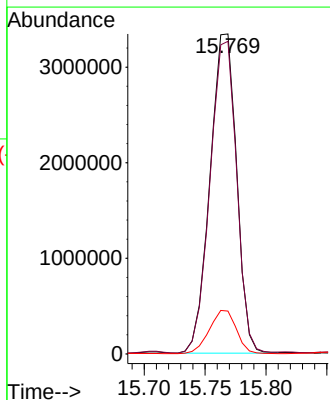
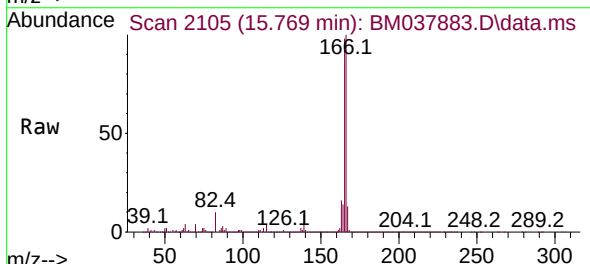
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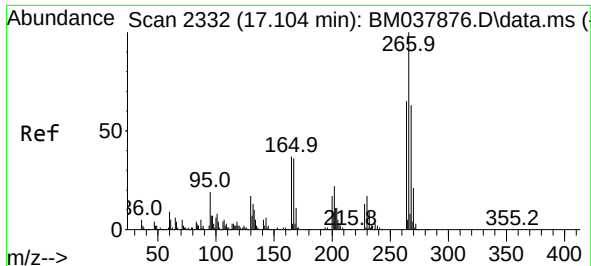
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#61
Fluorene
Concen: 135.883 ng/ul
RT: 15.769 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

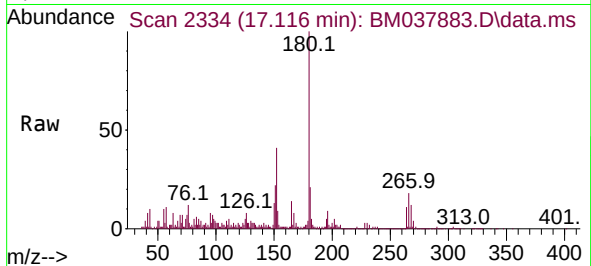
Tgt Ion:166 Resp: 5083688
Ion Ratio Lower Upper
166 100
165 97.7 77.2 115.8
167 13.4 10.4 15.6





#71
Pentachlorophenol
Concen: 19.811 ng/ul
RT: 17.116 min Scan# 2332
Delta R.T. 0.012 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

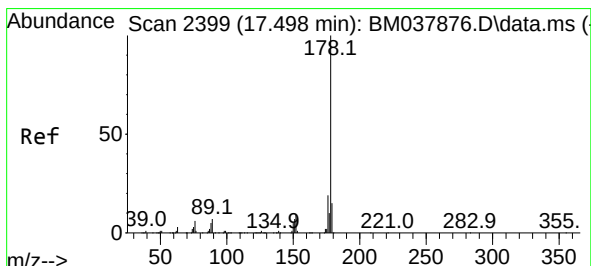
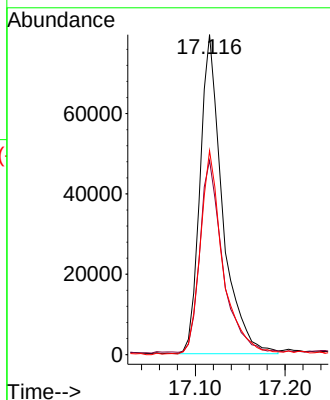
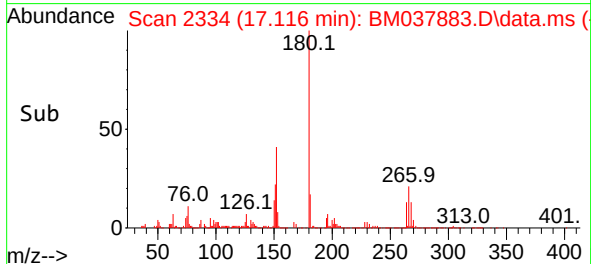
Instrument :
BNA_M
ClientSampleId :
DBXK9



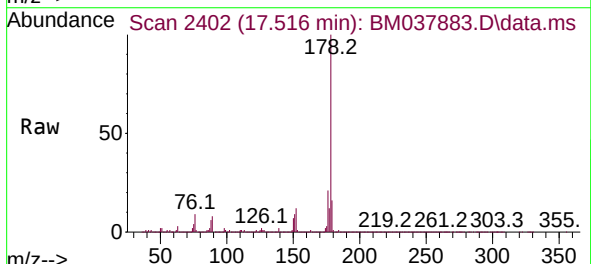
Tgt Ion:266 Resp: 138053
Ion Ratio Lower Upper
266 100
264 60.7 50.1 75.1
268 63.7 50.6 75.8

Manual Integrations
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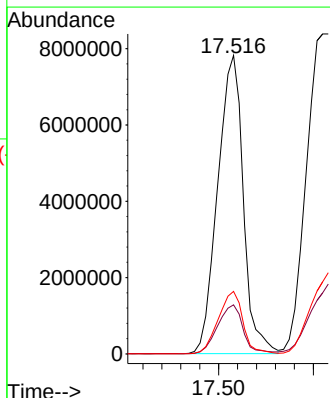
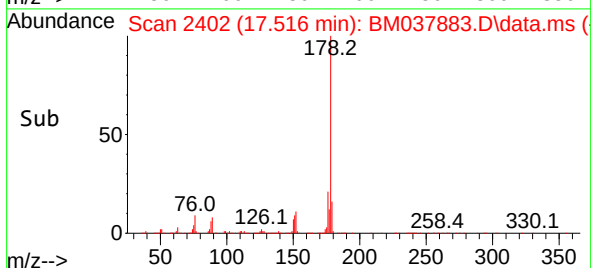
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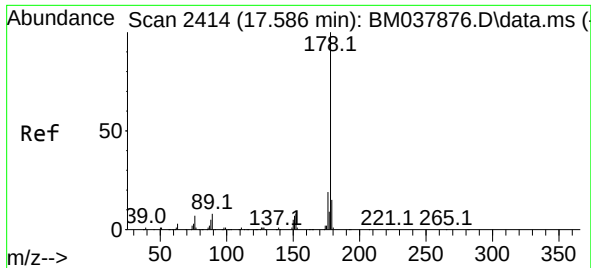


#72
Phenanthrene
Concen: 280.787 ng/ul
RT: 17.516 min Scan# 2402
Delta R.T. 0.018 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54



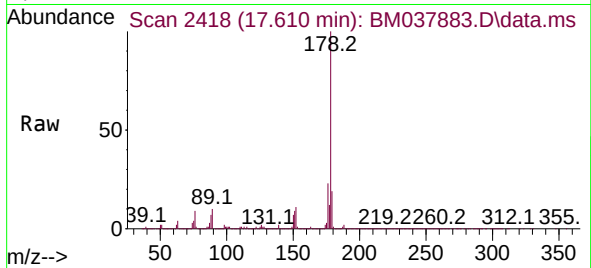
Tgt Ion:178 Resp:14687692
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.2
176 20.9 15.4 23.0





#74
 Anthracene
 Concen: 732.857 ng/ul m
 RT: 17.610 min Scan# 2414
 Delta R.T. 0.018 min
 Lab File: BM037883.D
 Acq: 08 Dec 2022 12:54

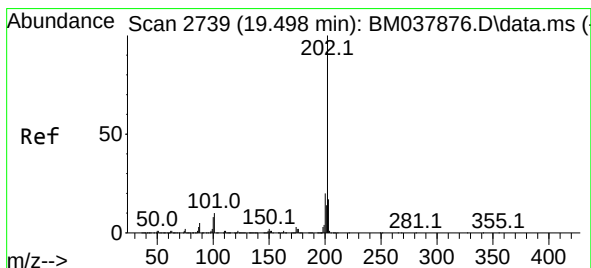
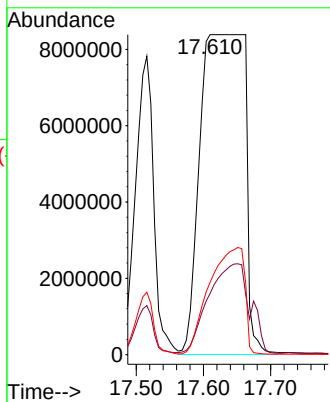
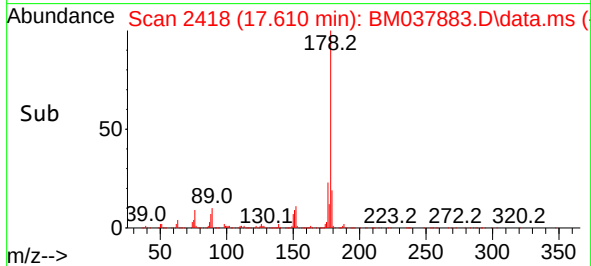
Instrument :
 BNA_M
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 DBXK9



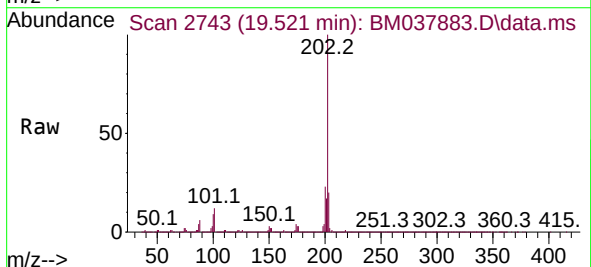
Tgt Ion:178 Resp:38958056
 Ion Ratio Lower Upper
 178 100
 179 19.1 11.8 17.8
 176 22.5 15.0 22.6

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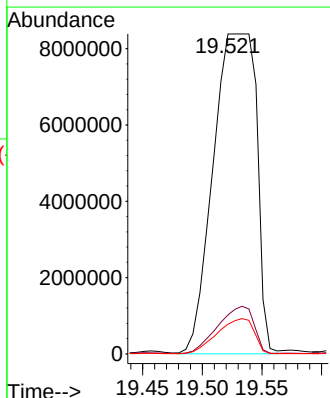
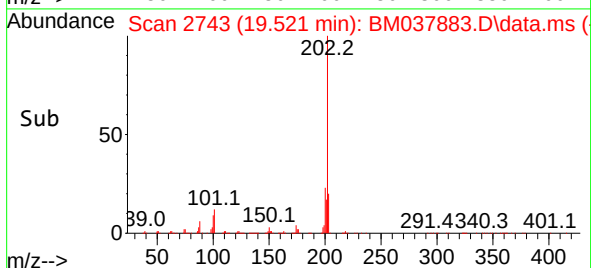
Reviewed By :Jagrut Upadhyay 12/09/2022
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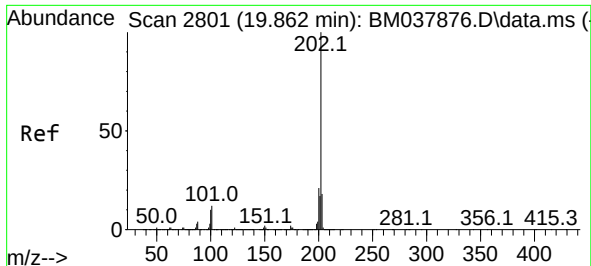


#80
 Fluoranthene
 Concen: 447.574 ng/ul m
 RT: 19.521 min Scan# 2743
 Delta R.T. 0.018 min
 Lab File: BM037883.D
 Acq: 08 Dec 2022 12:54



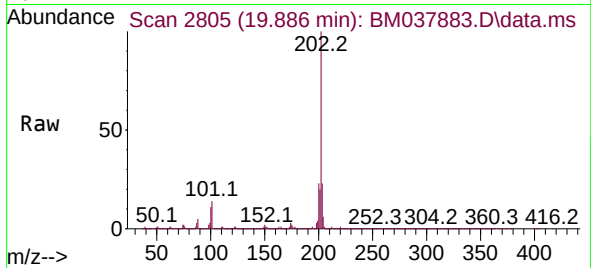
Tgt Ion:202 Resp:21198474
 Ion Ratio Lower Upper
 202 100
 101 12.2 8.6 13.0
 100 9.3 6.6 10.0





#82
Pyrene
Concen: 504.036 ng/ul m
RT: 19.886 min Scan# 2805
Delta R.T. 0.018 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

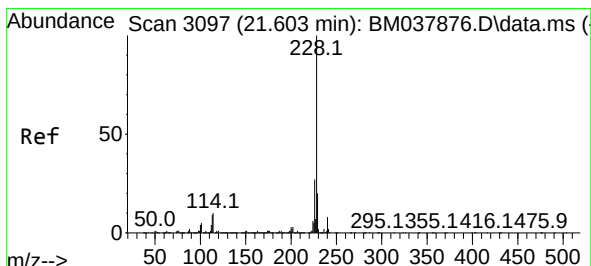
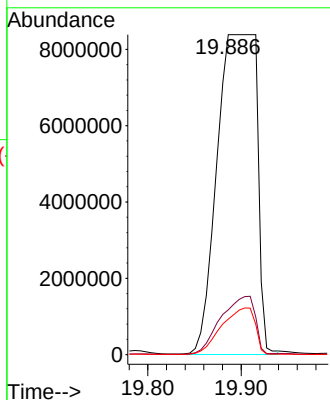
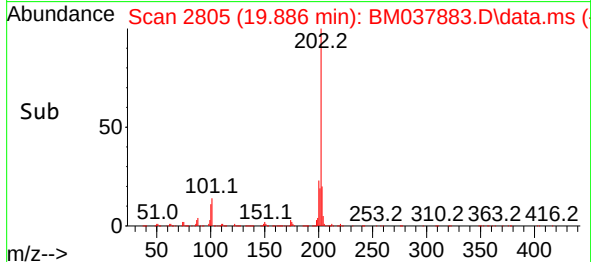
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp:24845226
Ion Ratio Lower Upper
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101 14.0 10.0 15.0
100 11.1 7.9 11.9

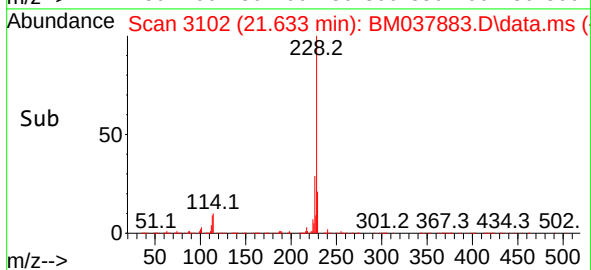
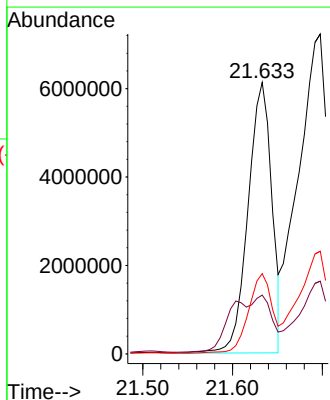
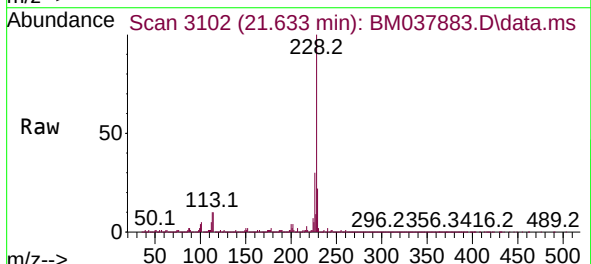
Manual Integrations
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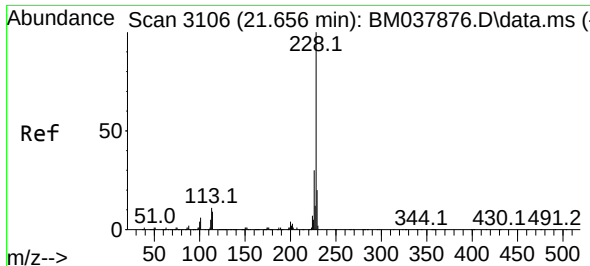
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#85
Benzo(a)anthracene
Concen: 250.727 ng/ul
RT: 21.633 min Scan# 3102
Delta R.T. 0.024 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

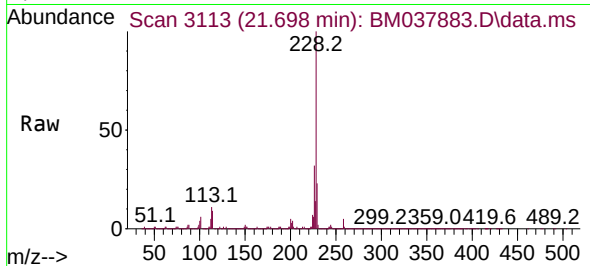
Tgt Ion:228 Resp:11277088
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 29.5 21.8 32.8





#87
Chrysene
Concen: 375.105 ng/ul
RT: 21.698 min Scan# 3106
Delta R.T. 0.036 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

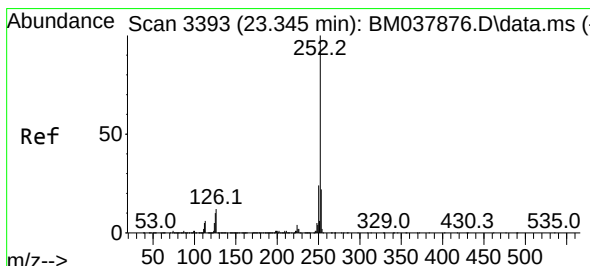
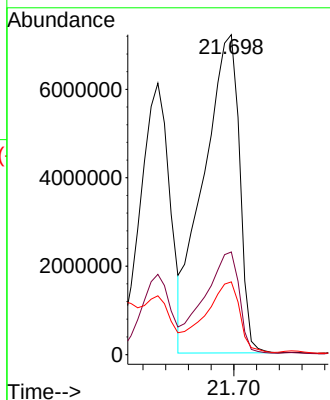
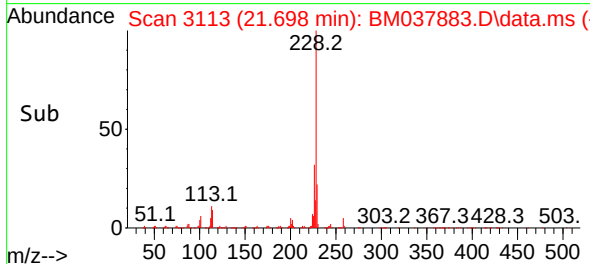
Instrument :
BNA_M
ClientSampleId :
DBXK9



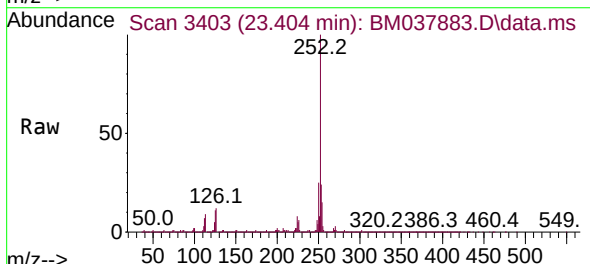
Tgt Ion:228 Resp:15829482
Ion Ratio Lower Upper
228 100
226 32.1 24.3 36.5
229 22.7 15.6 23.4

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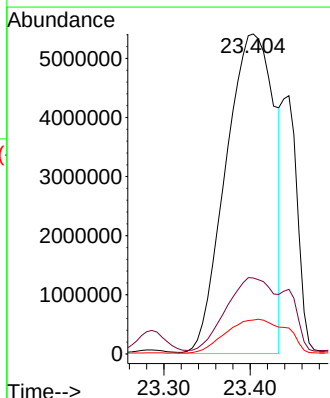
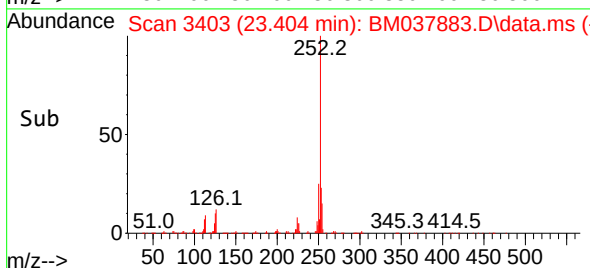
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

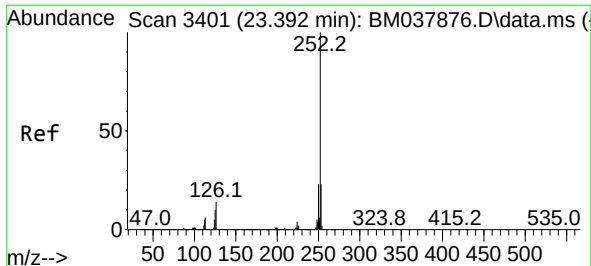


#90
Benzo(b)fluoranthene
Concen: 318.907 ng/ul m
RT: 23.404 min Scan# 3403
Delta R.T. 0.059 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54



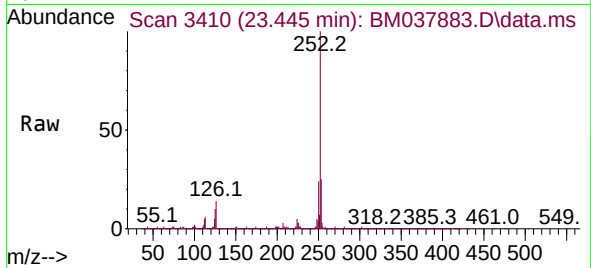
Tgt Ion:252 Resp:21113634
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.6 8.0 12.0





#91
Benzo(k)fluoranthene
Concen: 84.131 ng/ul m
RT: 23.445 min Scan# 3401
Delta R.T. 0.047 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

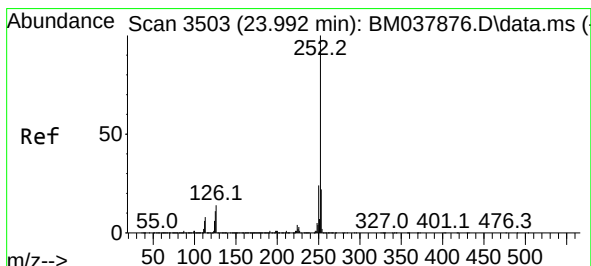
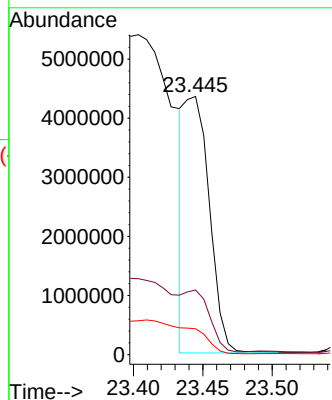
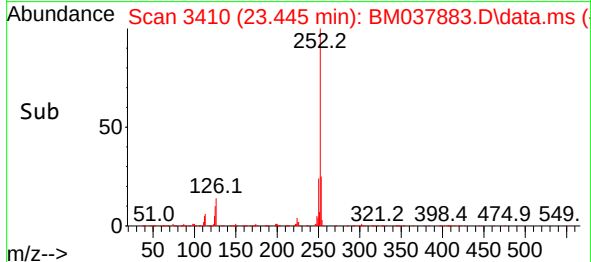
Instrument :
BNA_M
ClientSampleId :
DBXK9



Tgt Ion:252 Resp: 5398192
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 10.0 8.1 12.1

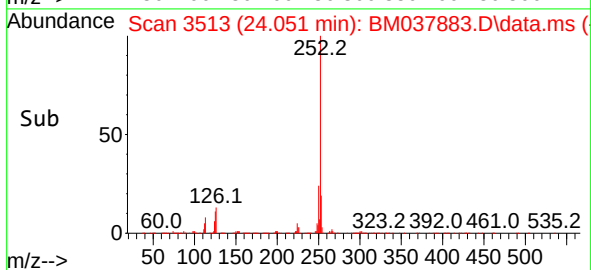
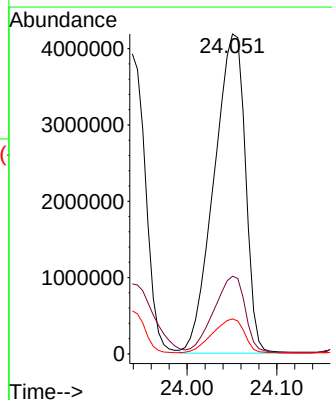
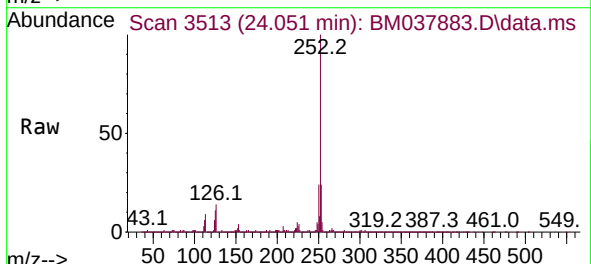
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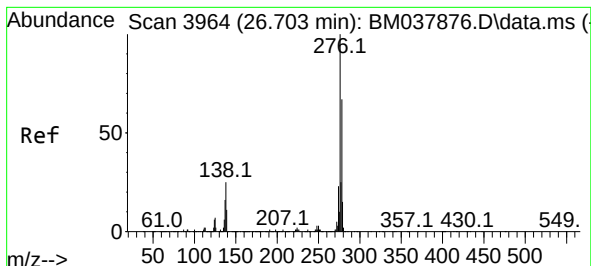
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#93
Benzo(a)pyrene
Concen: 174.033 ng/ul m
RT: 24.051 min Scan# 3513
Delta R.T. 0.053 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Tgt Ion:252 Resp:10132220
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 10.9 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 91.766 ng/ul m

RT: 26.774 min Scan# 39

Delta R.T. 0.065 min

Lab File: BM037883.D

Acq: 08 Dec 2022 12:54

Instrument :

BNA_M

ClientSampleId :

DBXK9

Tgt Ion:276 Resp: 6880694

Ion Ratio Lower Upper

276 100

138 21.4 19.3 28.9

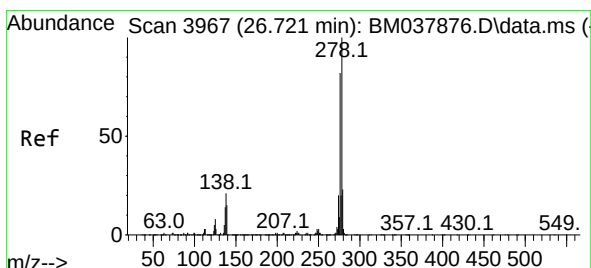
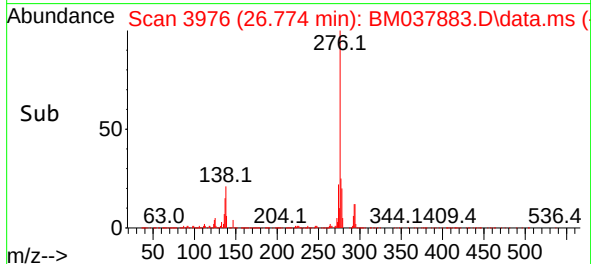
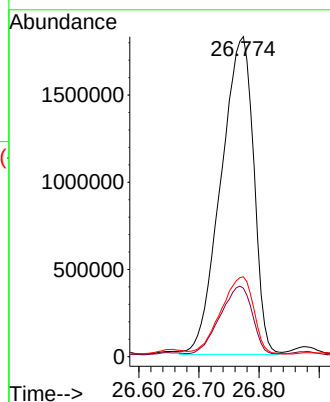
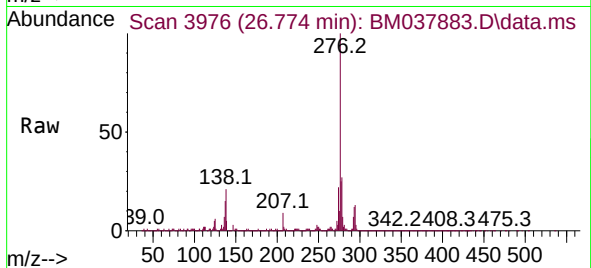
277 24.9 19.8 29.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/09/2022

Supervised By :mohammad ahmed 12/10/2022



#95

Dibenzo(a,h)anthracene

Concen: 30.091 ng/ul m

RT: 26.768 min Scan# 3975

Delta R.T. 0.042 min

Lab File: BM037883.D

Acq: 08 Dec 2022 12:54

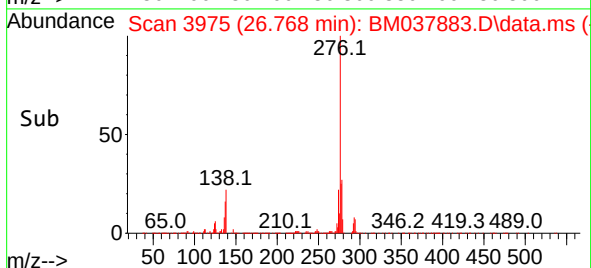
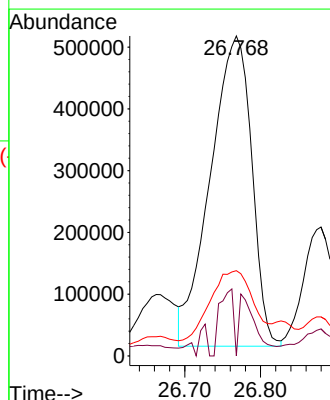
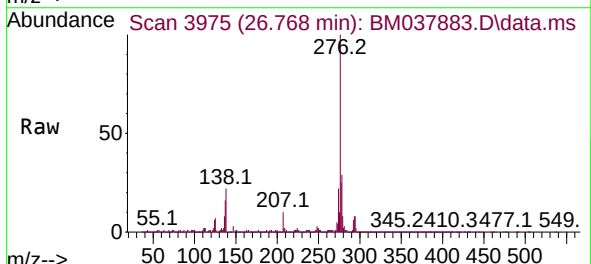
Tgt Ion:278 Resp: 1902109

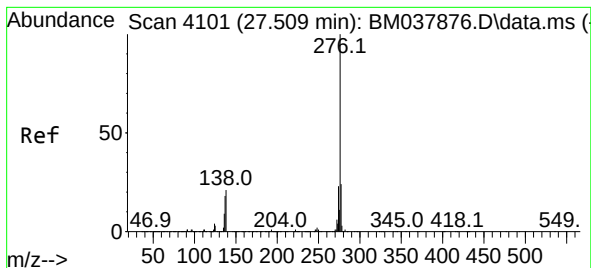
Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

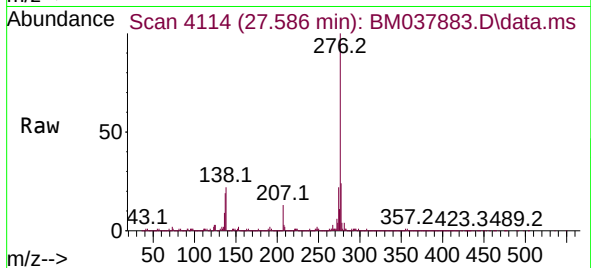
279 26.6 19.8 29.6





#96
Benzo(g,h,i)perylene
Concen: 89.469 ng/ul m
RT: 27.586 min Scan# 4114
Delta R.T. 0.071 min
Lab File: BM037883.D
Acq: 08 Dec 2022 12:54

Instrument :
BNA_M
ClientSampleId :
DBXK9



Tgt Ion:276 Resp: 5356148
Ion Ratio Lower Upper
276 100
138 22.0 17.1 25.7
277 24.4 18.2 27.4

Manual Integrations
APPROVED

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

