

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011216.D
 Acq On : 02 Aug 2022 01:04
 Operator : CG/JU
 Sample : N3790-08DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBUK4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
 Supervised By :mohammad ahmed 08/03/2022

Quant Time: Aug 02 02:36:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	273429	20.000	ng/u1	0.00
20) Naphthalene-d8	10.439	136	1227362	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.316	164	693305	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1394971	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.209	240	1227046	20.000	ng/u1	# 0.00
88) Perylene-d12	23.556	264	1325040	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	10228	1.713	ng/uL	0.00
4) Pyridine-d5	3.569	84	58846	3.484	ng/u1	0.01
7) Phenol-d5	6.828	99	371694	15.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	249453	14.782	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	298102	15.850	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	305491	15.648	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	145417	15.245	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	140229	15.348	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	264214	16.409	ng/u1	0.00
31) 4-Chloroaniline-d4	10.586	131	297805	11.409	ng/u1	0.00
46) Dimethylphthalate-d6	13.733	166	849663	17.988	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	1076972	18.144	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	94822	11.160	ng/u1	0.00
60) Fluorene-d10	15.316	176	740776	18.663	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	60138	8.552	ng/u1	0.00
73) Anthracene-d10	17.186	188	1102323	17.934	ng/u1	0.00
81) Pyrene-d10	19.439	212	1260906	19.124	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.403	264	1210959	18.400	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.486	128	67944	1.052	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	41714	1.021	ng/u1	99
52) Acenaphthene	14.374	153	184628	4.263	ng/u1	96
56) Dibenzofuran	14.716	168	169524	2.879	ng/u1	96
61) Fluorene	15.368	166	223716	4.887	ng/u1	99
72) Phenanthrene	17.127	178	3047812	39.922	ng/u1	98
74) Anthracene	17.215	178	678399	8.982	ng/u1	98
77) Carbazole	17.498	167	592513	8.855	ng/u1	99
80) Fluoranthene	19.115	202	3986176	48.942	ng/u1#	84
82) Pyrene	19.474	202	3006532	35.922	ng/u1#	82
85) Benzo(a)anthracene	21.192	228	1978058	25.932	ng/u1	96
87) Chrysene	21.245	228	1899118	25.044	ng/u1	97
90) Benzo(b)fluoranthene	22.845	252	2361607	28.272	ng/u1#	94
91) Benzo(k)fluoranthene	22.886	252	775453m	9.781	ng/u1	
93) Benzo(a)pyrene	23.450	252	1474506	18.097	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	25.980	276	985092	9.814	ng/u1#	90
95) Dibenzo(a,h)anthracene	25.986	278	333323	3.871	ng/u1#	76
96) Benzo(g,h,i)perylene	26.727	276	809897	9.329	ng/u1#	89

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

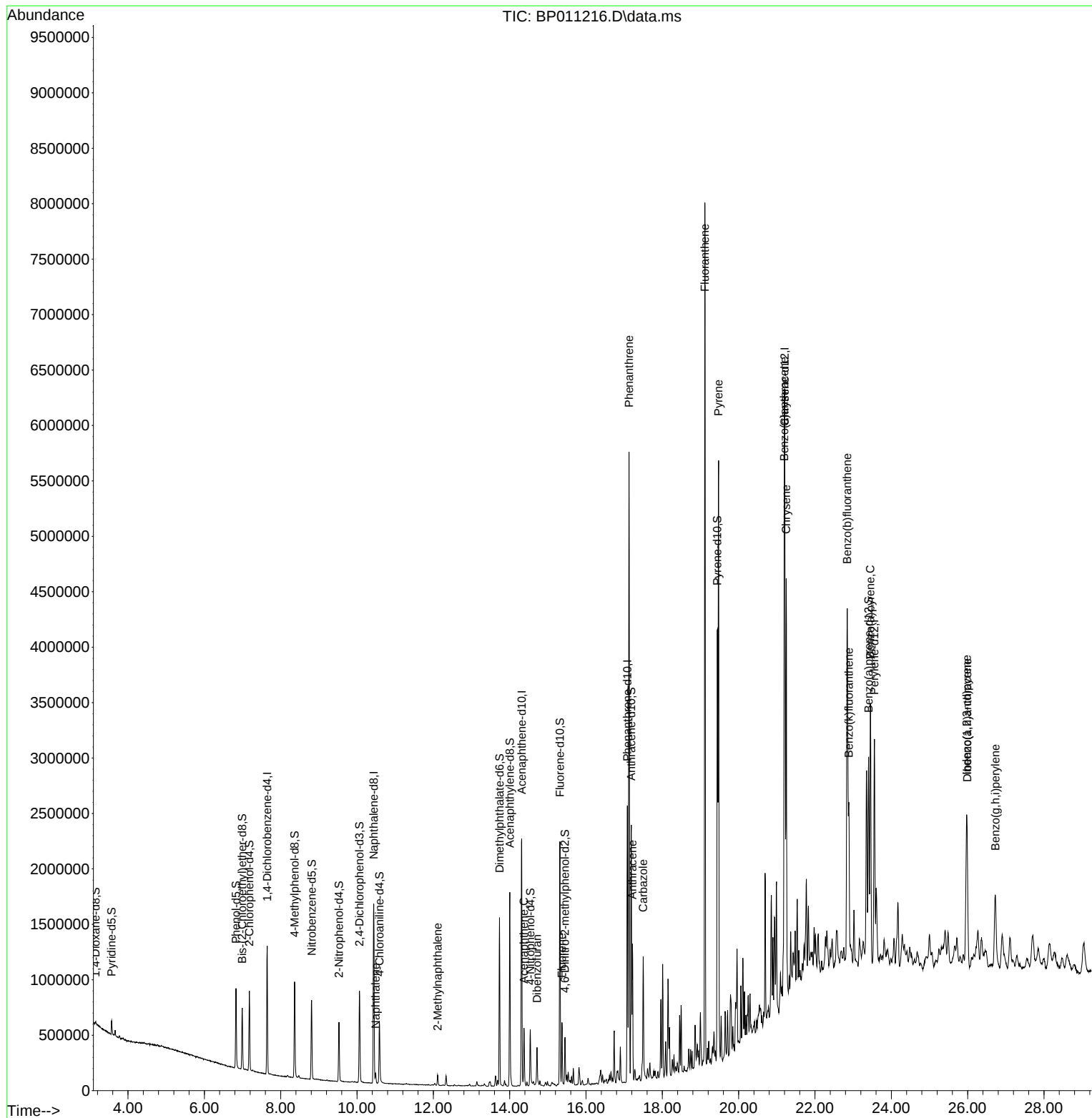
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011216.D
 Acq On : 02 Aug 2022 01:04
 Operator : CG/JU
 Sample : N3790-08DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

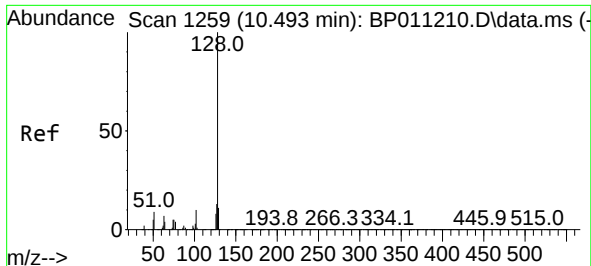
Instrument :
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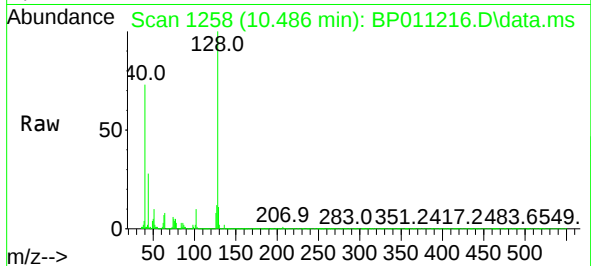
Quant Time: Aug 02 02:36:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 1.052 ng/ul
RT: 10.486 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04

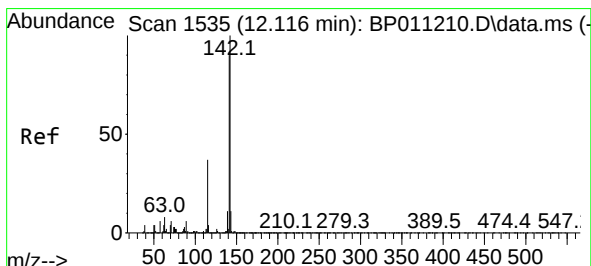
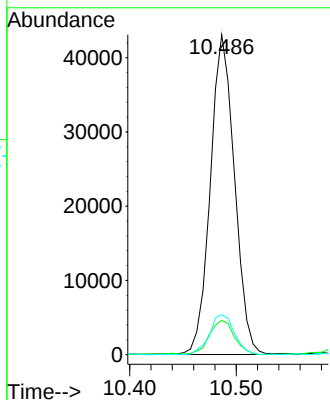
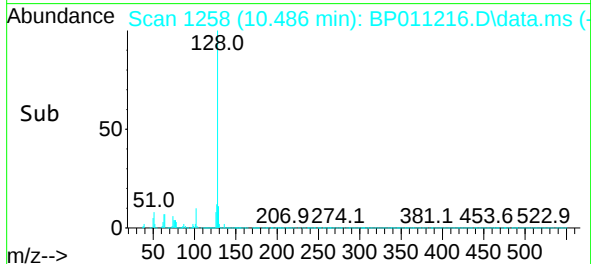
Instrument :
BNA_P
ClientSampleId :
DBUK4DL



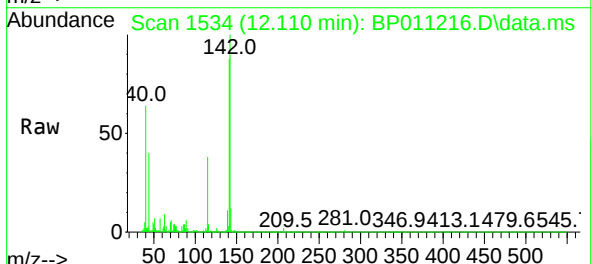
Tgt Ion:128 Resp: 67944
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.5 10.2 15.4

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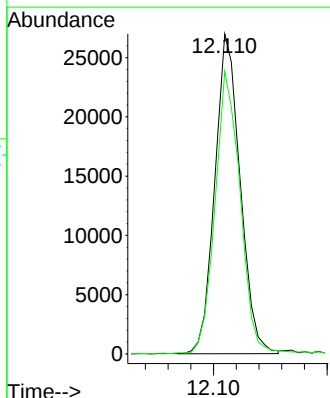
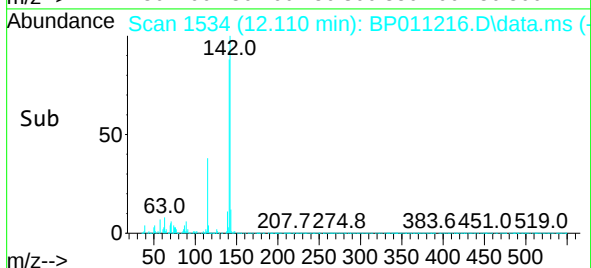
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

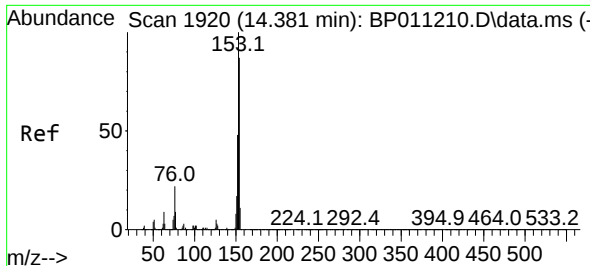


#36
2-Methylnaphthalene
Concen: 1.021 ng/ul
RT: 12.110 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04



Tgt Ion:142 Resp: 41714
Ion Ratio Lower Upper
142 100
141 88.3 70.1 105.1





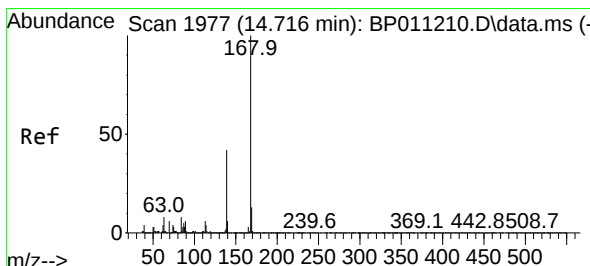
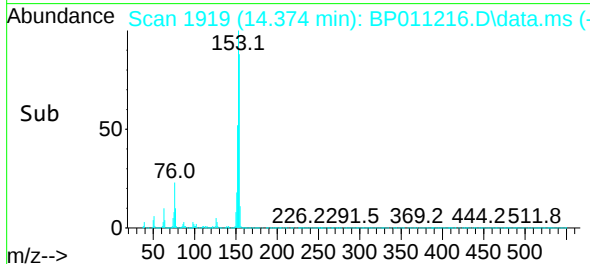
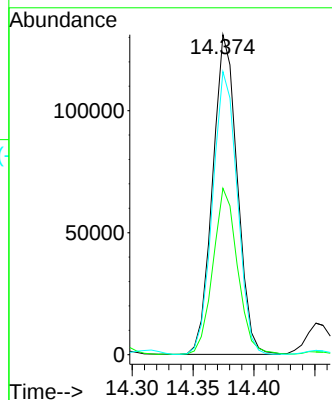
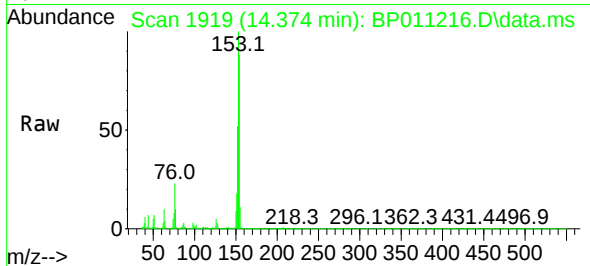
#52
Acenaphthene
Concen: 4.263 ng/u1
RT: 14.374 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

Tgt Ion:153 Resp: 184628
Ion Ratio Lower Upper
153 100
152 52.0 36.2 54.2
154 88.4 70.8 106.2

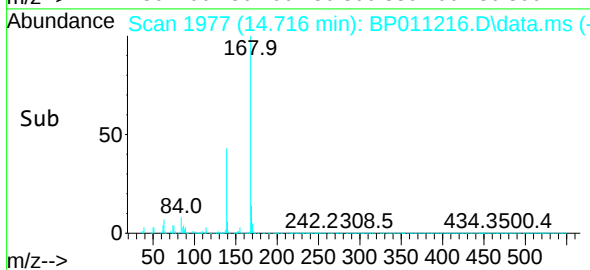
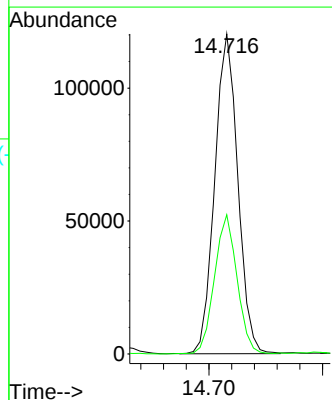
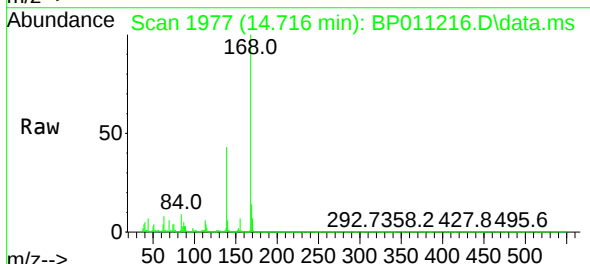
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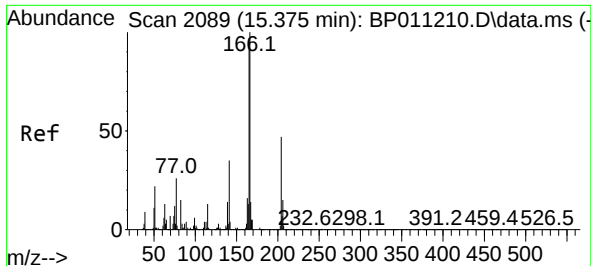
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#56
Dibenzofuran
Concen: 2.879 ng/u1
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04

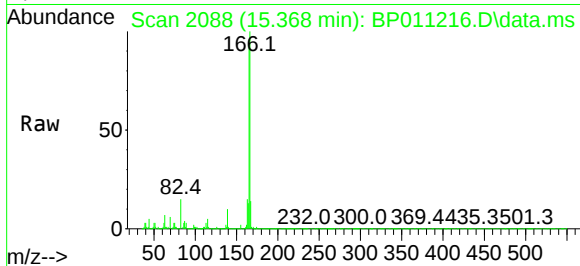
Tgt Ion:168 Resp: 169524
Ion Ratio Lower Upper
168 100
139 43.5 32.8 49.2





#61
Fluorene
Concen: 4.887 ng/ul
RT: 15.368 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04

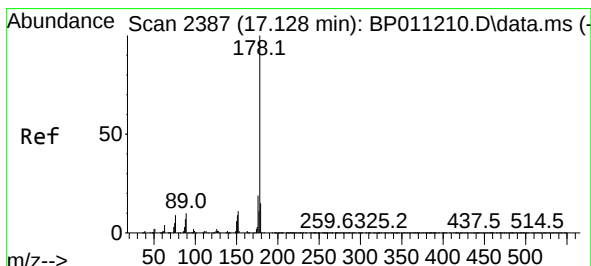
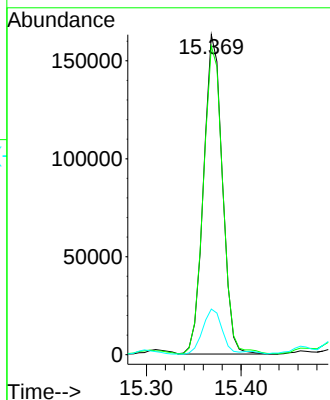
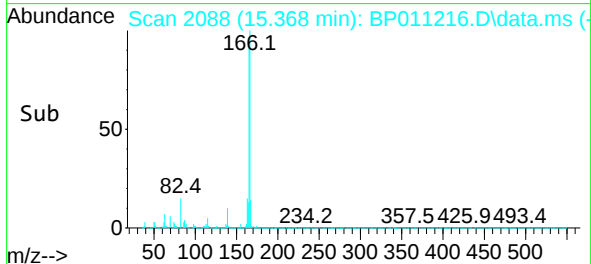
Instrument :
BNA_P
ClientSampleId :
DBUK4DL



Tgt Ion:166 Resp: 223710
Ion Ratio Lower Upper
166 100
165 96.5 77.4 116.2
167 14.3 10.8 16.2

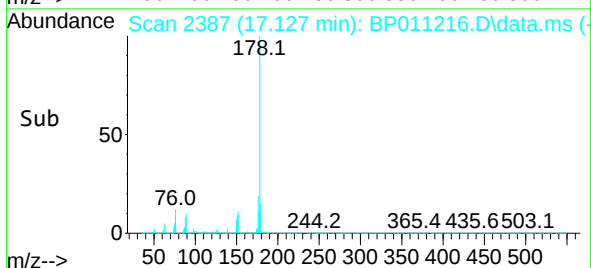
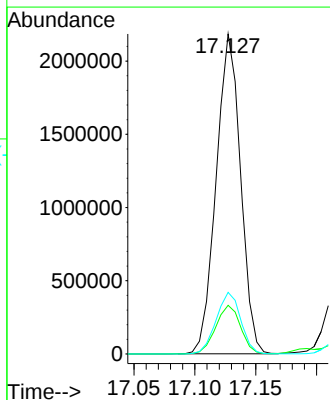
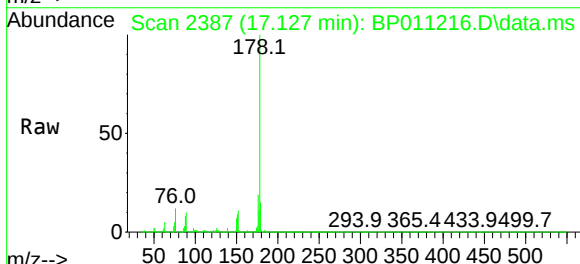
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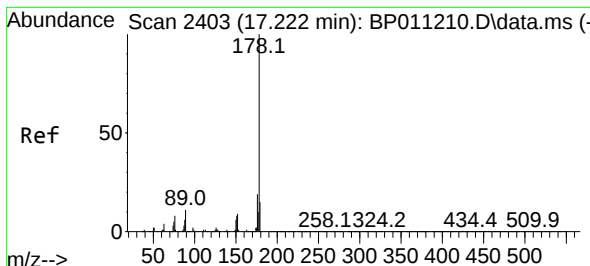
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#72
Phenanthrene
Concen: 39.922 ng/ul
RT: 17.127 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04

Tgt Ion:178 Resp: 3047812
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.2 14.6 22.0





#74

Anthracene

Concen: 8.982 ng/u1

RT: 17.215 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BP011216.D

Acq: 02 Aug 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBUK4DL

Tgt Ion:178 Resp: 67839

Ion Ratio Lower Upper

178 100

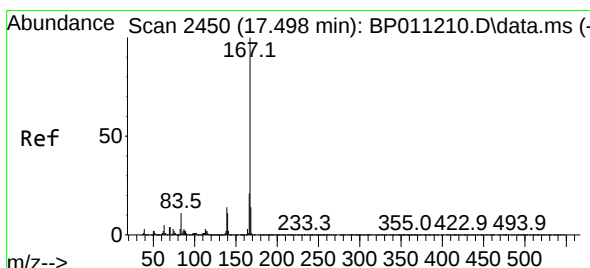
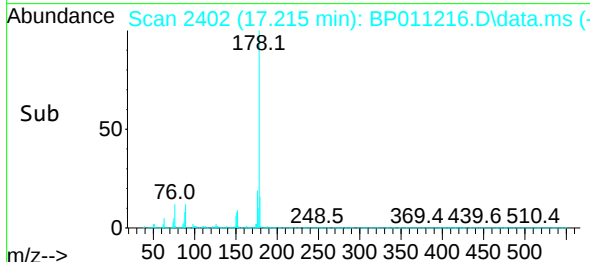
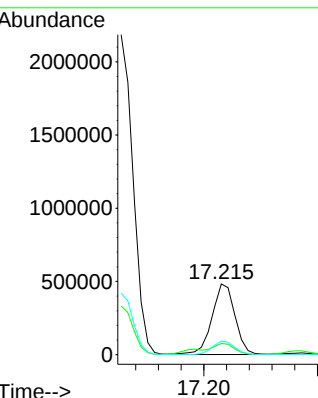
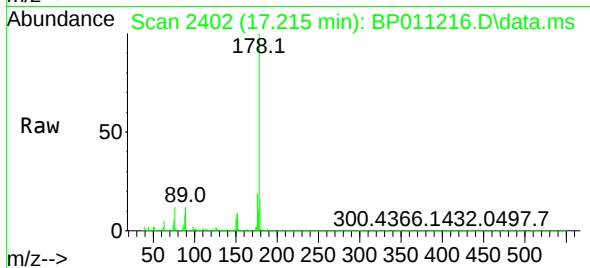
179 15.9 12.2 18.2

176 19.2 14.5 21.7

Manual Integrations

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#77

Carbazole

Concen: 8.855 ng/u1

RT: 17.498 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP011216.D

Acq: 02 Aug 2022 01:04

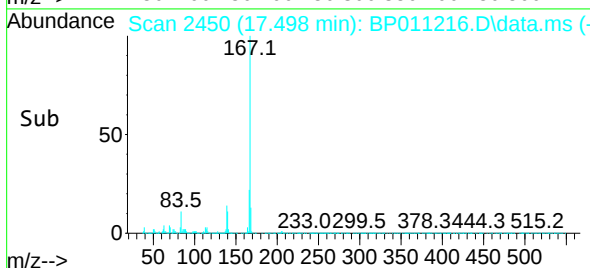
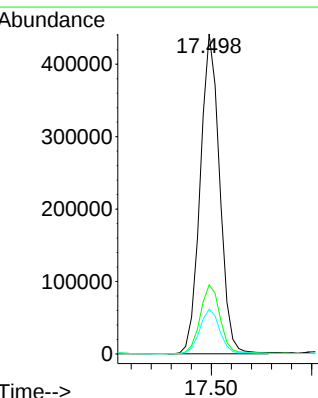
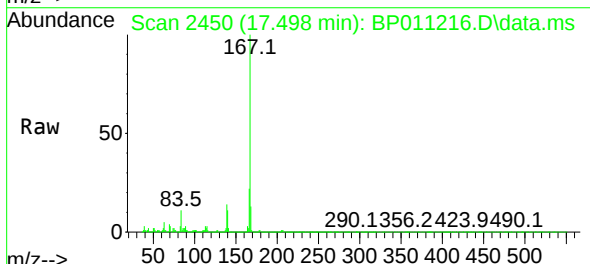
Tgt Ion:167 Resp: 592513

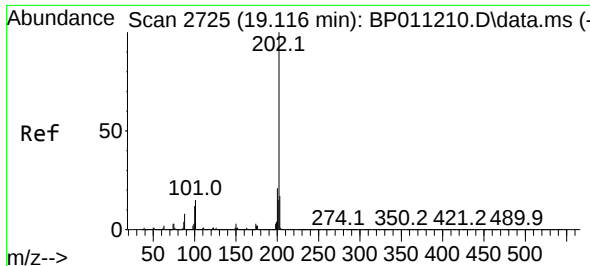
Ion Ratio Lower Upper

167 100

166 21.6 16.9 25.3

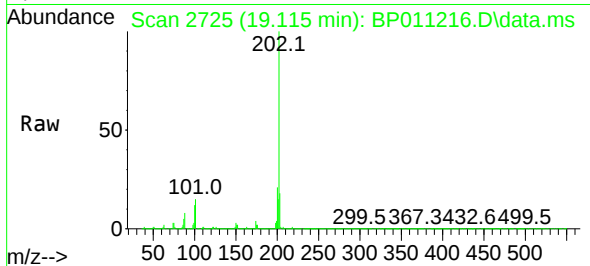
139 14.0 10.6 16.0





#80
Fluoranthene
Concen: 48.942 ng/u1
RT: 19.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04

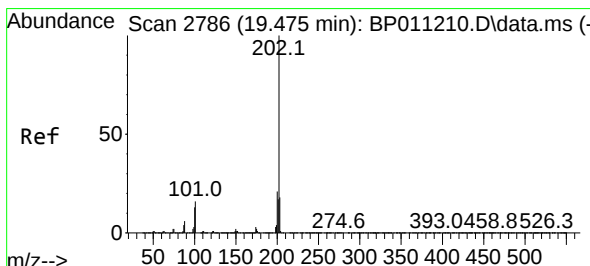
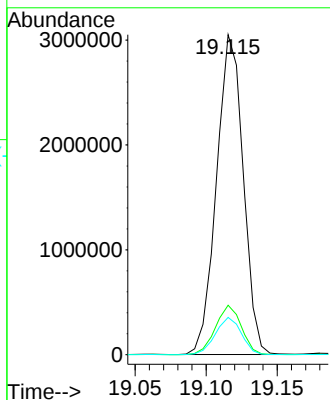
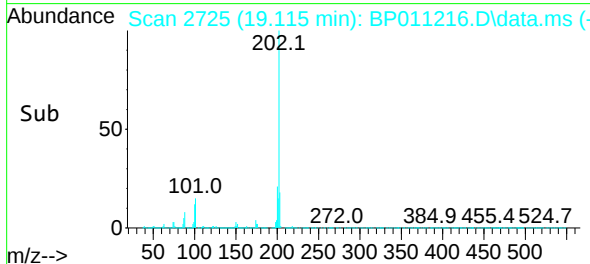
Instrument :
BNA_P
ClientSampleId :
DBUK4DL



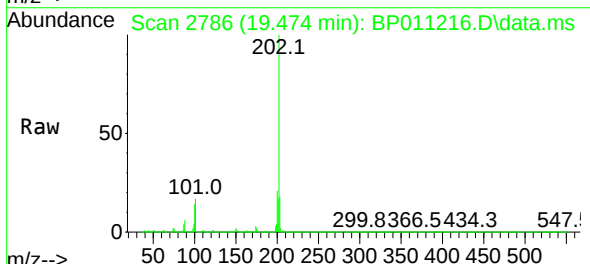
Tgt Ion:202 Resp: 3986170
Ion Ratio Lower Upper
202 100
101 15.5 7.1 10.7
100 11.7 5.7 8.5

Manual Integrations
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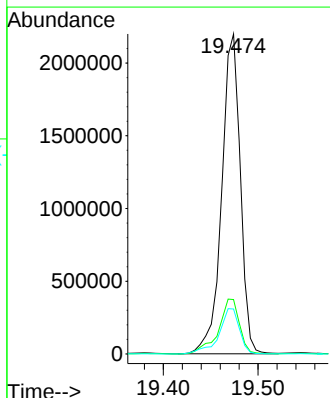
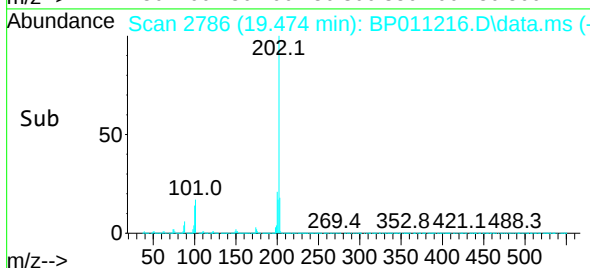
Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022

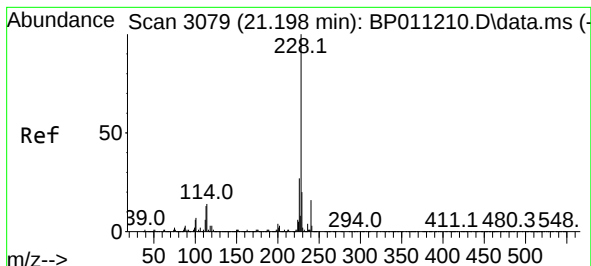


#82
Pyrene
Concen: 35.922 ng/u1
RT: 19.474 min Scan# 2786
Delta R.T. -0.000 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04



Tgt Ion:202 Resp: 3006532
Ion Ratio Lower Upper
202 100
101 17.0 7.9 11.9#
100 14.0 6.7 10.1#





#85

Benzo(a)anthracene

Concen: 25.932 ng/u1

RT: 21.192 min Scan# 3078

Delta R.T. -0.006 min

Lab File: BP011216.D

Acq: 02 Aug 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBUK4DL

Tgt Ion:228 Resp: 1978058

Ion Ratio Lower Upper

228 100

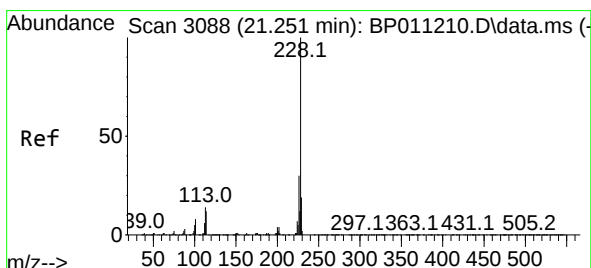
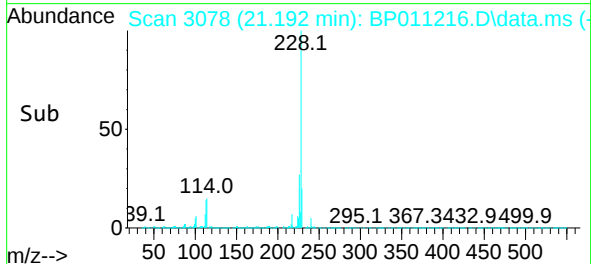
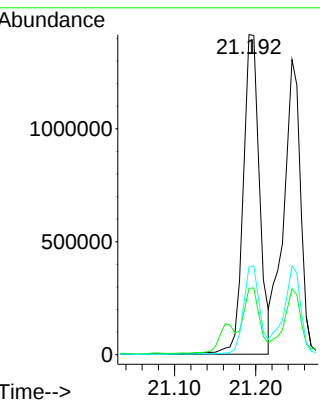
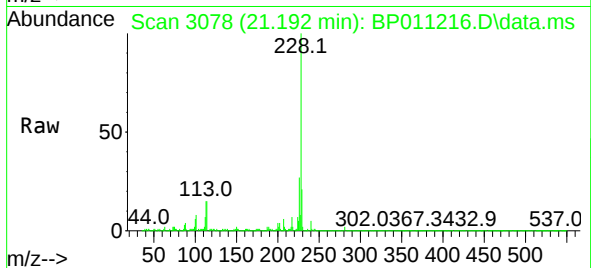
229 20.8 15.0 22.4

226 27.4 20.6 31.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#87

Chrysene

Concen: 25.044 ng/u1

RT: 21.245 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BP011216.D

Acq: 02 Aug 2022 01:04

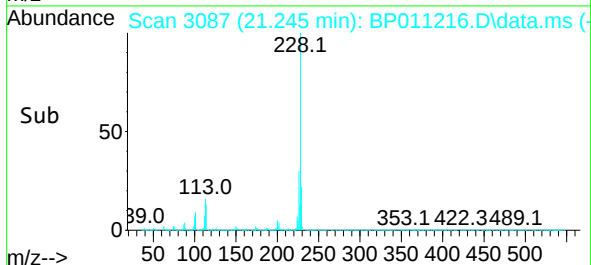
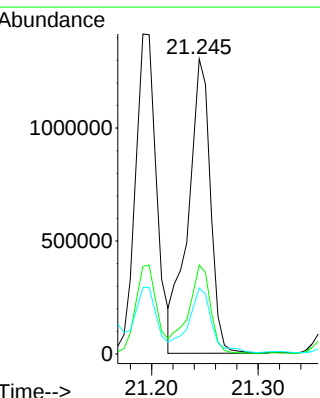
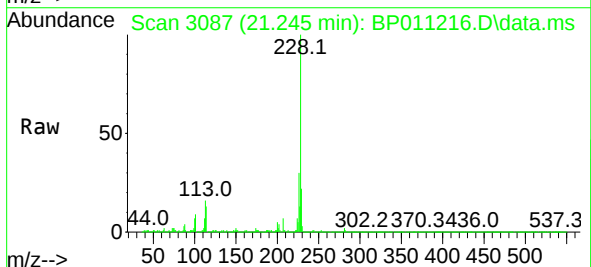
Tgt Ion:228 Resp: 1899118

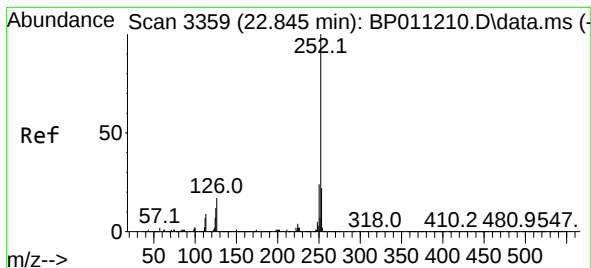
Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

229 22.3 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 28.272 ng/ul

RT: 22.845 min Scan# 3359

Delta R.T. 0.006 min

Lab File: BP011216.D

Acq: 02 Aug 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBUK4DL

Tgt Ion:252 Resp: 236160

Ion Ratio Lower Upper

252 100

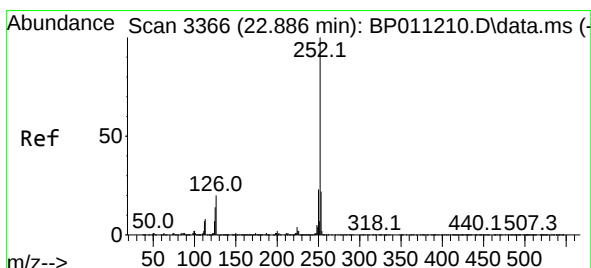
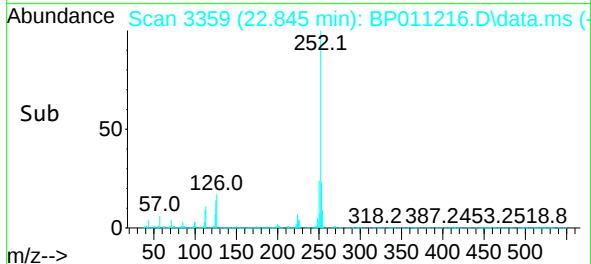
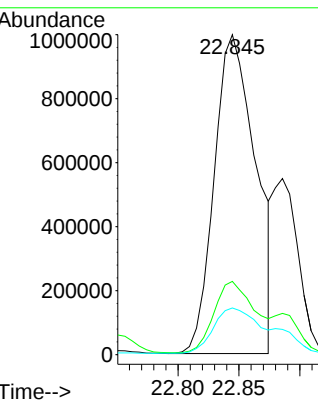
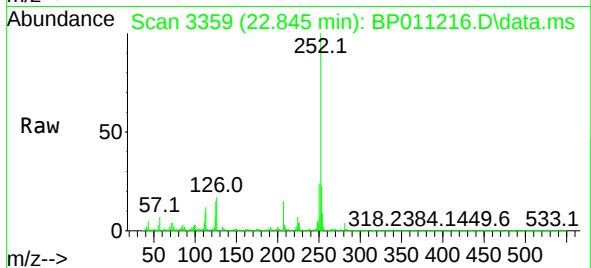
253 22.9 17.8 26.6

125 14.6 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#91

Benzo(k)fluoranthene

Concen: 9.781 ng/ul m

RT: 22.886 min Scan# 3366

Delta R.T. -0.006 min

Lab File: BP011216.D

Acq: 02 Aug 2022 01:04

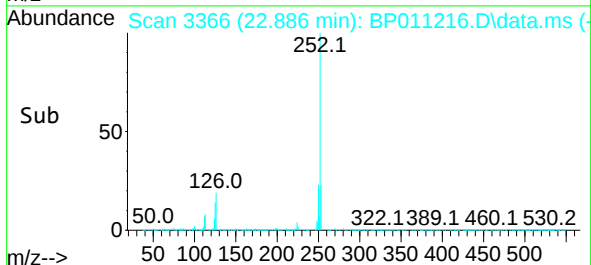
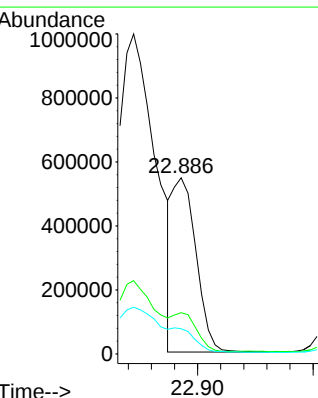
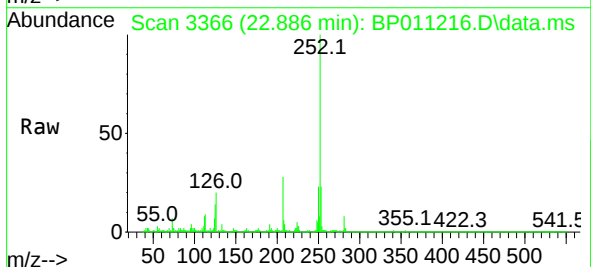
Tgt Ion:252 Resp: 775453

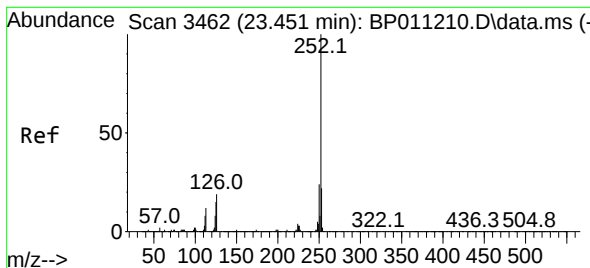
Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

125 14.4 6.2 9.4





#93

Benzo(a)pyrene

Concen: 18.097 ng/ul

RT: 23.450 min Scan# 3462

Delta R.T. -0.000 min

Lab File: BP011216.D

Acq: 02 Aug 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBUK4DL

Tgt Ion:252 Resp: 1474500

Ion Ratio Lower Upper

252 100

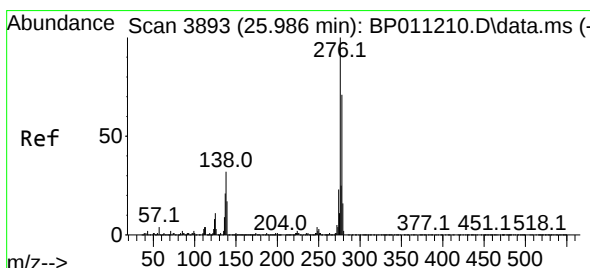
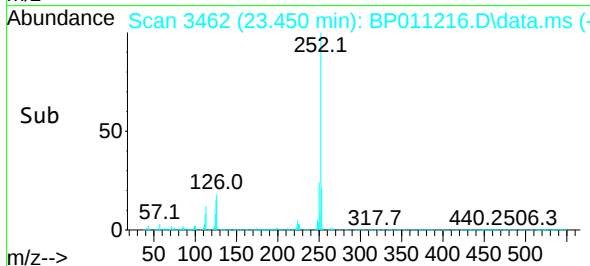
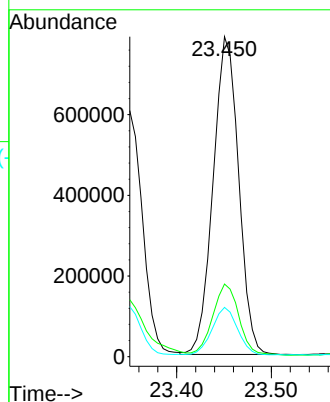
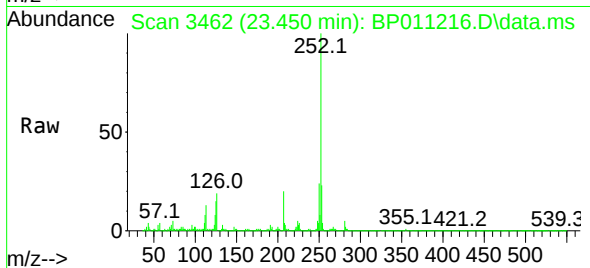
253 22.7 17.4 26.0

125 15.4 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.814 ng/ul

RT: 25.980 min Scan# 3892

Delta R.T. -0.000 min

Lab File: BP011216.D

Acq: 02 Aug 2022 01:04

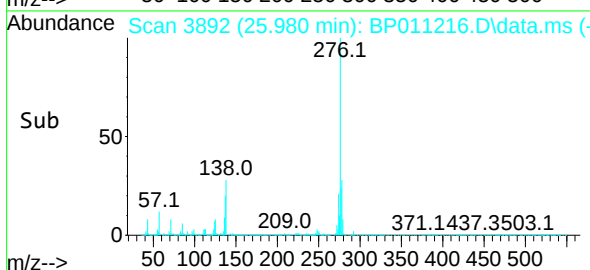
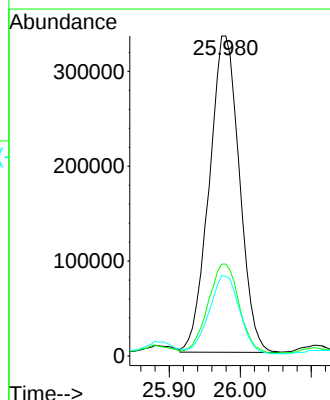
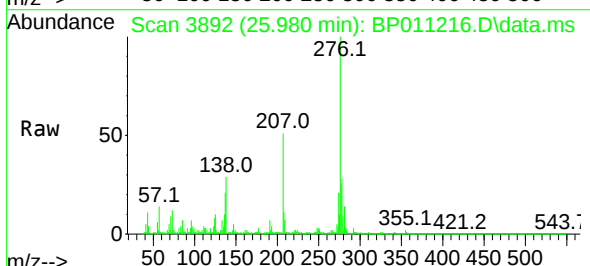
Tgt Ion:276 Resp: 985092

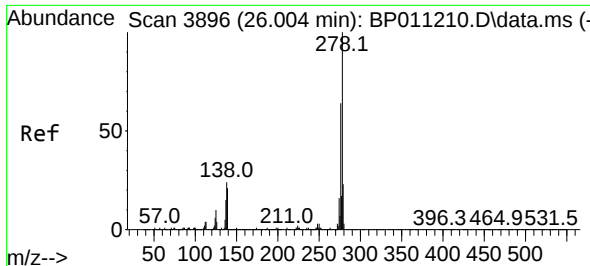
Ion Ratio Lower Upper

276 100

138 28.7 14.6 22.0

277 24.9 19.6 29.4





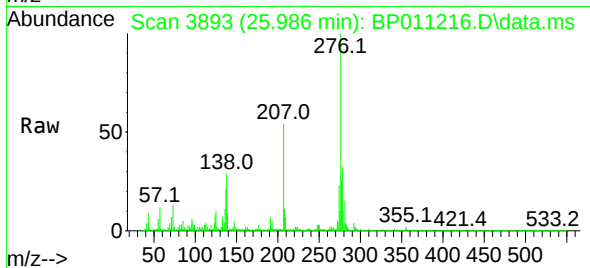
#95
Dibenzo(a,h)anthracene
Concen: 3.871 ng/ul
RT: 25.986 min Scan# 3896
Delta R.T. -0.018 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04

Instrument :

BNA_P

ClientSampleId :

DBUK4DL

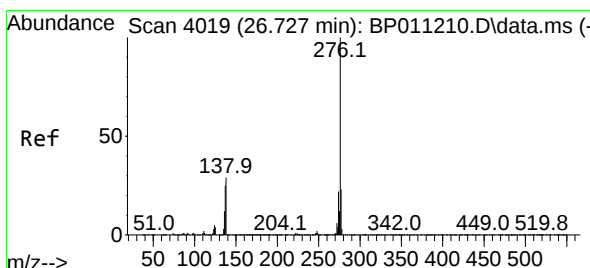
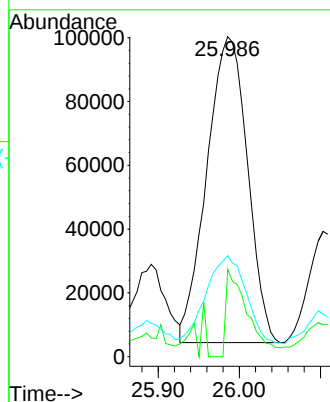
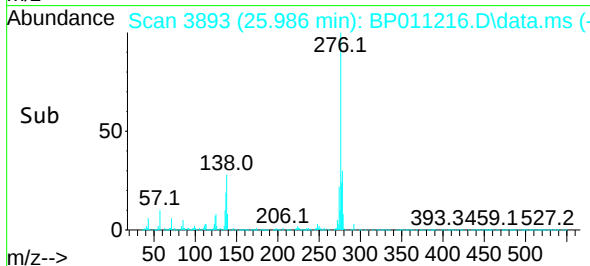


Tgt Ion:278 Resp: 33332
Ion Ratio Lower Upper
278 100
139 27.3 9.4 14.2
279 31.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
Supervised By :mohammad ahmed 08/03/2022



#96
Benzo(g,h,i)perylene
Concen: 9.329 ng/ul
RT: 26.727 min Scan# 4019
Delta R.T. 0.006 min
Lab File: BP011216.D
Acq: 02 Aug 2022 01:04

Tgt Ion:276 Resp: 809897
Ion Ratio Lower Upper
276 100
138 26.5 12.7 19.1
277 23.2 18.2 27.4

