

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021018.D
 Acq On : 17 Jul 2024 15:10
 Operator : MA/JU
 Sample : P3255-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-07152024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 15:39:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	190305	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	795259	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	516770	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1066625	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	937545	20.000	ng/u1	0.02
88) Perylene-d12	24.874	264	1107011	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.887	99	1462088	94.237	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	141638	15.064	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	211276	16.528	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	205980	15.985	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	440485	71.312	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	107695	15.233	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	198602	15.535	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	197037	11.634	ng/u1	0.02
46) Dimethylphthalate-d6	13.716	166	602483	16.038	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	682643	16.183	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	75947m	14.209	ng/u1	0.01
60) Fluorene-d10	15.316	176	515117	16.714	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	71102	11.017	ng/u1	0.01
73) Anthracene-d10	17.222	188	788366	16.641	ng/u1	0.00
81) Pyrene-d10	19.604	212	901943	15.561	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.639	264	910780	16.682	ng/u1	0.04
Target Compounds					Qvalue	
37) 1-Methylnaphthalene	12.328	142	29907	1.013	ng/u1#	97
50) Acenaphthylene	14.034	152	62485	1.308	ng/u1#	96
52) Acenaphthene	14.375	153	88153	2.781	ng/u1	99
56) Dibenzofuran	14.716	168	54168	1.248	ng/u1	99
61) Fluorene	15.375	166	100018	2.824	ng/u1	99
72) Phenanthrene	17.163	178	1578939	28.536	ng/u1	100
74) Anthracene	17.257	178	340206	6.031	ng/u1	99
77) Carbazole	17.539	167	140237	3.041	ng/u1	96
80) Fluoranthene	19.257	202	2645543	37.794	ng/u1	99
82) Pyrene	19.633	202	2316733	32.525	ng/u1	99
85) Benzo(a)anthracene	21.545	228	1138552	17.336	ng/u1	98
87) Chrysene	21.616	228	1198549	19.640	ng/u1	97
90) Benzo(b)fluoranthene	23.833	252	1465765	21.819	ng/u1	98
91) Benzo(k)fluoranthene	23.892	252	488857m	7.292	ng/u1	
93) Benzo(a)pyrene	24.716	252	1037200	16.338	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.639	276	666407	8.146	ng/u1	98
95) Dibenzo(a,h)anthracene	28.674	278	193364m	2.854	ng/u1	
96) Benzo(g,h,i)perylene	29.821	276	633575m	9.510	ng/u1	

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

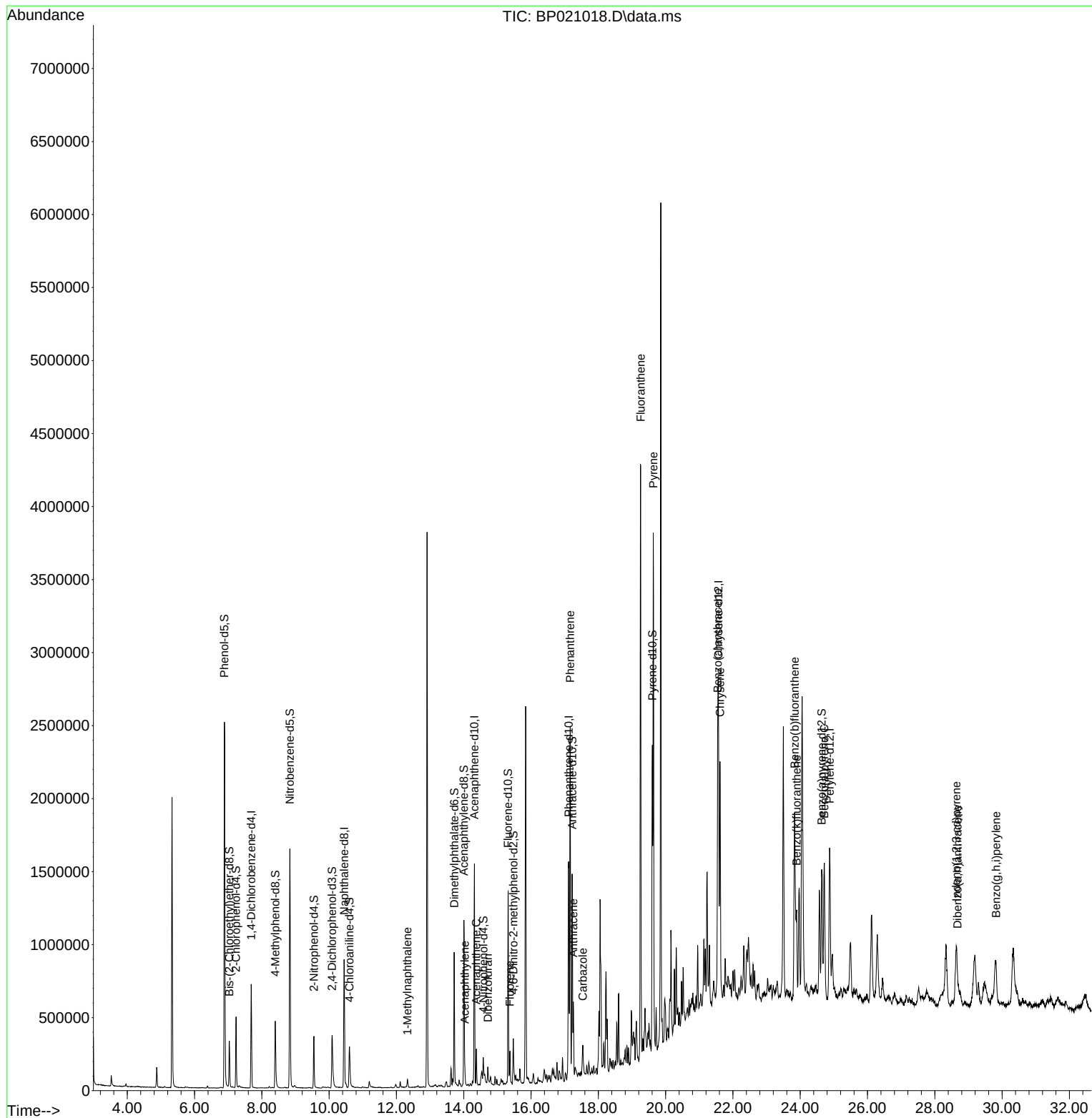
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021018.D
Acq On : 17 Jul 2024 15:10
Operator : MA/JU
Sample : P3255-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

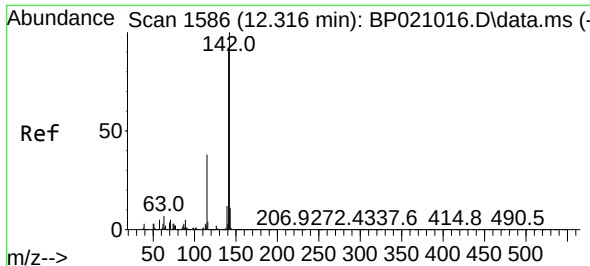
Instrument :
BNA_P
ClientSampleId :
HD-01-07152024

Quant Time: Jul 17 15:39:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

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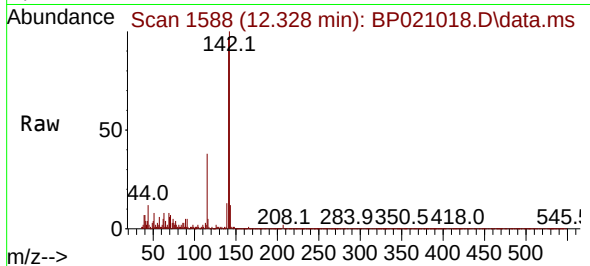
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024





#37
1-Methylnaphthalene
Concen: 1.013 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BP021018.D
Acq: 17 Jul 2024 15:10

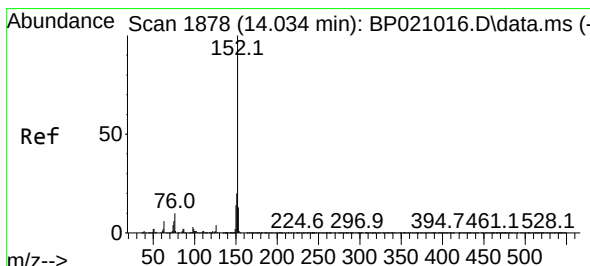
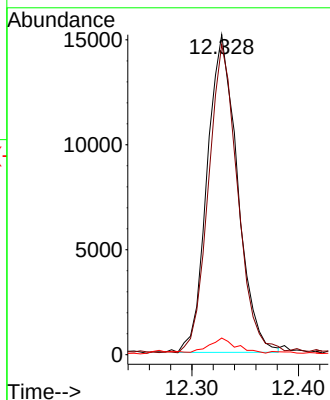
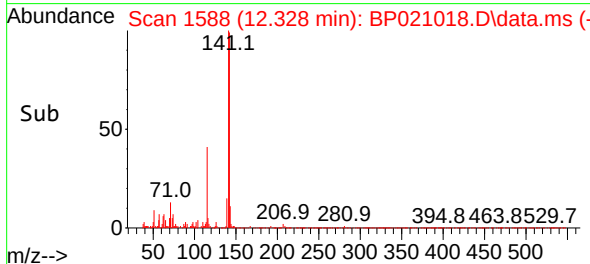
Instrument :
BNA_P
ClientSampleId :
HD-01-07152024



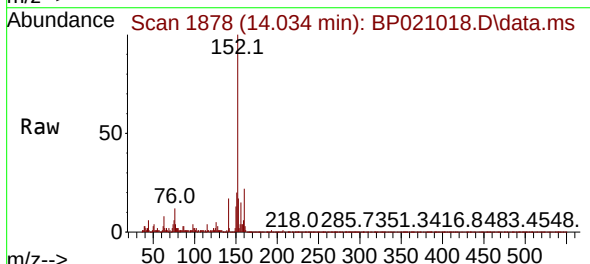
Tgt Ion:142 Resp: 2990
Ion Ratio Lower Upper
142 100
141 97.0 75.0 112.6
116 5.2 3.2 4.8

Manual Integrations
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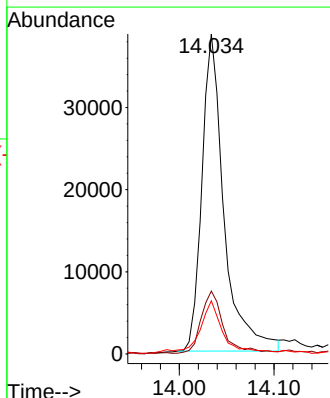
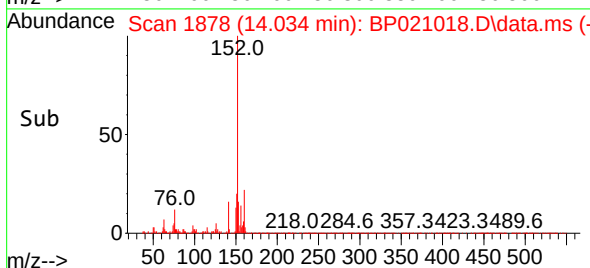
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

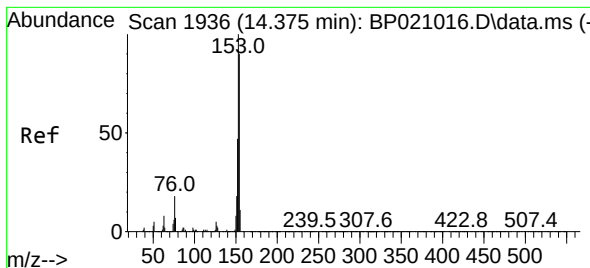


#50
Acenaphthylene
Concen: 1.308 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BP021018.D
Acq: 17 Jul 2024 15:10



Tgt Ion:152 Resp: 62485
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 16.6 10.3 15.5





#52

Acenaphthene

Concen: 2.781 ng/ul

RT: 14.375 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

Instrument :

BNA_P

ClientSampleId :

HD-01-07152024

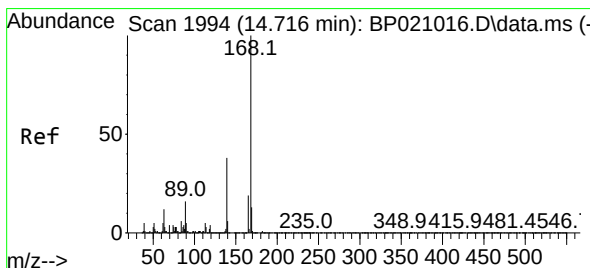
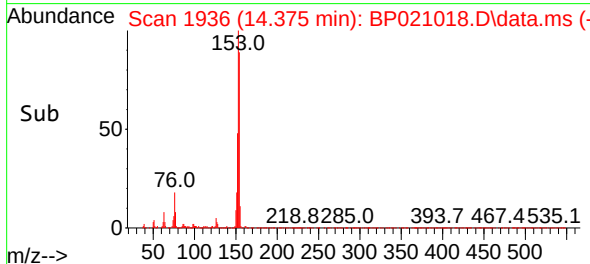
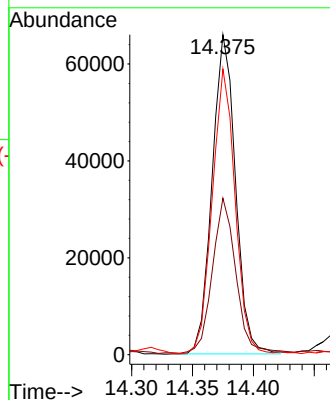
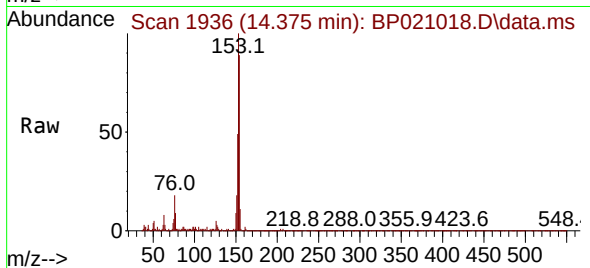
Tgt Ion:	153	Resp:	8815
Ion Ratio	Lower	Upper	
153	100		
152	48.9	37.8	56.6
154	89.3	71.8	107.6

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#56

Dibenzofuran

Concen: 1.248 ng/ul

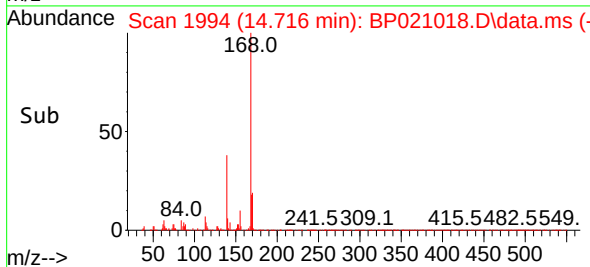
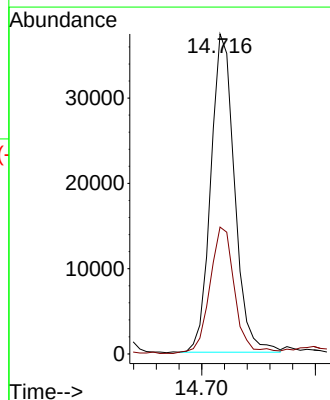
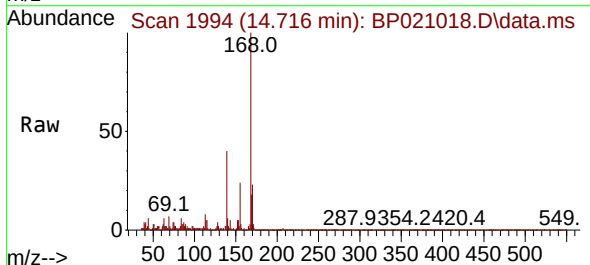
RT: 14.716 min Scan# 1994

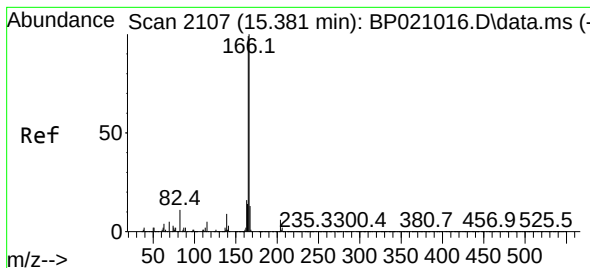
Delta R.T. 0.006 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

Tgt Ion:	168	Resp:	54168
Ion Ratio	Lower	Upper	
168	100		
139	39.6	31.1	46.7





#61

Fluorene

Concen: 2.824 ng/ul

RT: 15.375 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

Instrument :

BNA_P

ClientSampleId :

HD-01-07152024

Tgt Ion:166 Resp: 100018

Ion Ratio Lower Upper

166 100

165 98.2 78.1 117.1

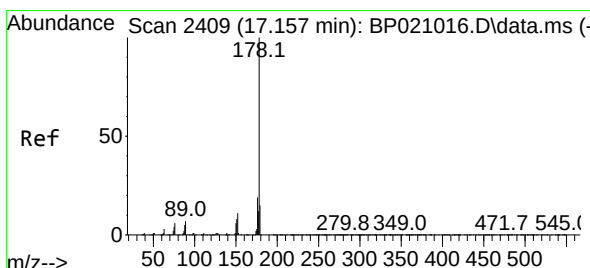
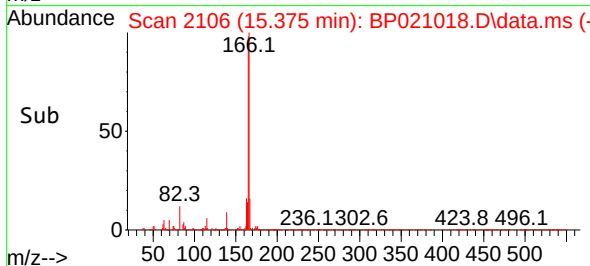
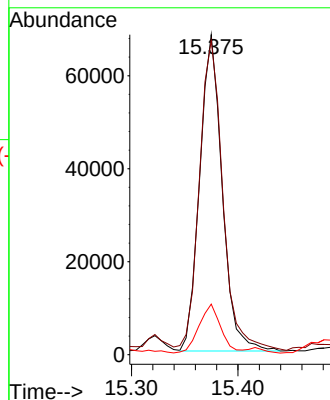
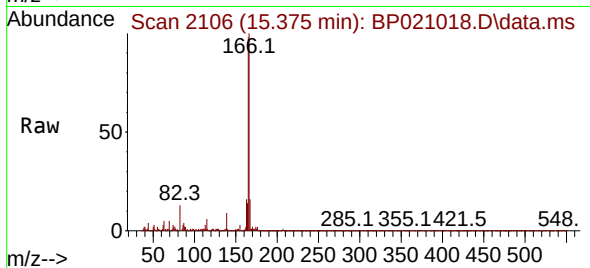
167 15.8 10.9 16.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#72

Phenanthrene

Concen: 28.536 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

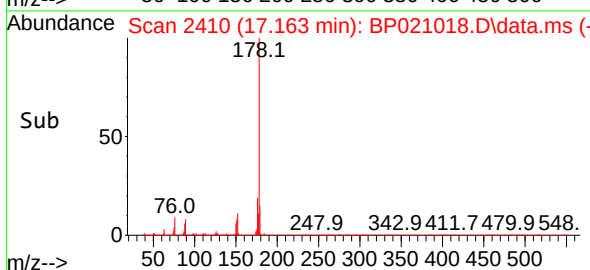
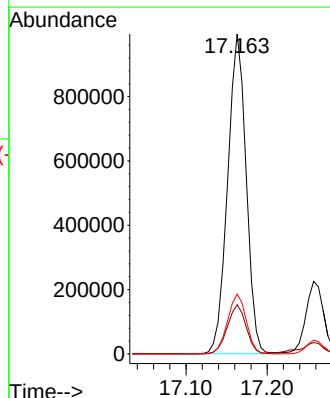
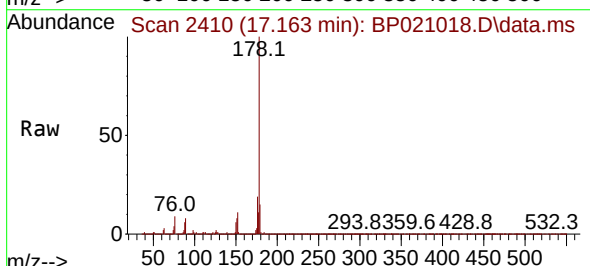
Tgt Ion:178 Resp: 1578939

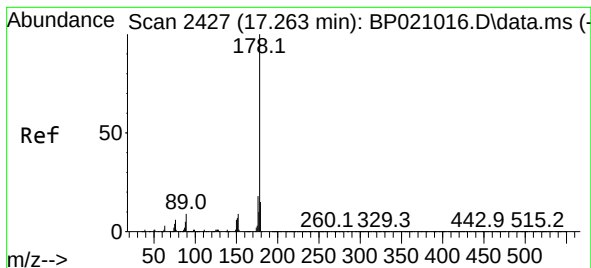
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 18.7 15.0 22.4





#74

Anthracene

Concen: 6.031 ng/ul

RT: 17.257 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

Instrument :

BNA_P

ClientSampleId :

HD-01-07152024

Tgt Ion:178 Resp: 340200

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

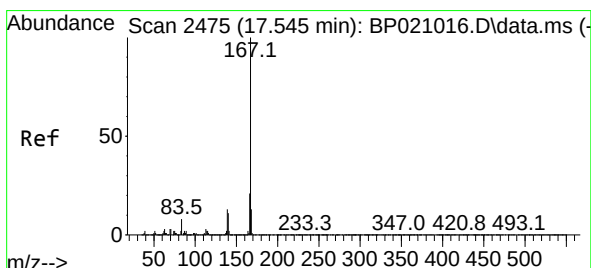
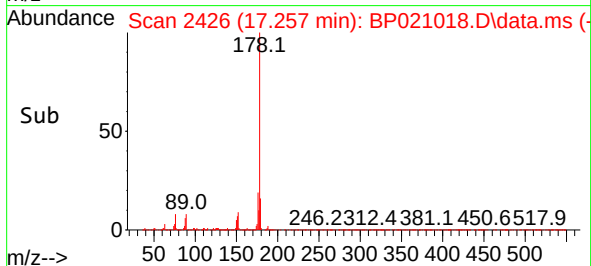
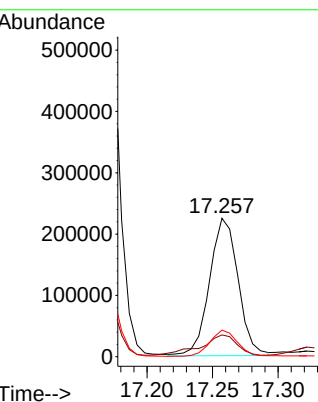
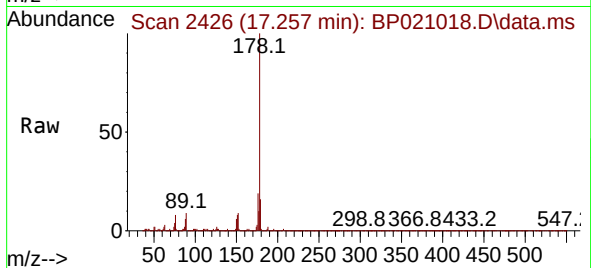
176 19.2 14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#77

Carbazole

Concen: 3.041 ng/ul

RT: 17.539 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

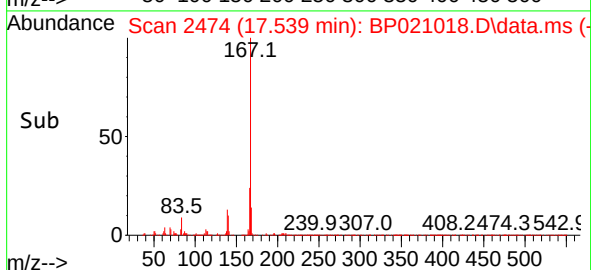
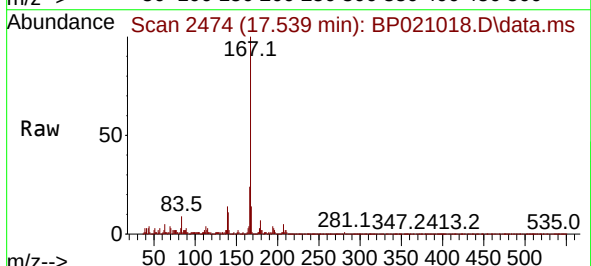
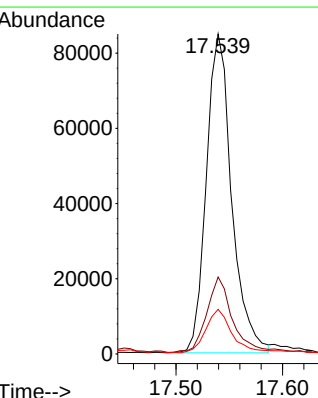
Tgt Ion:167 Resp: 140237

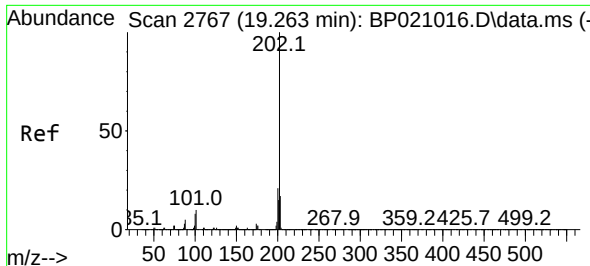
Ion Ratio Lower Upper

167 100

166 24.1 17.3 25.9

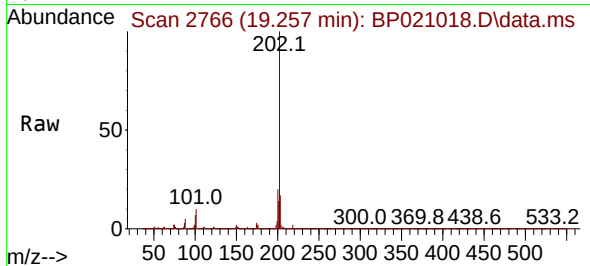
139 13.9 10.2 15.2





#80
Fluoranthene
Concen: 37.794 ng/ul
RT: 19.257 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021018.D
Acq: 17 Jul 2024 15:10

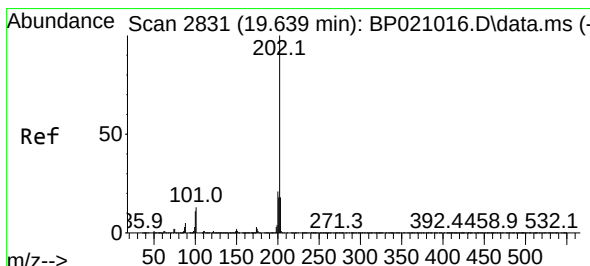
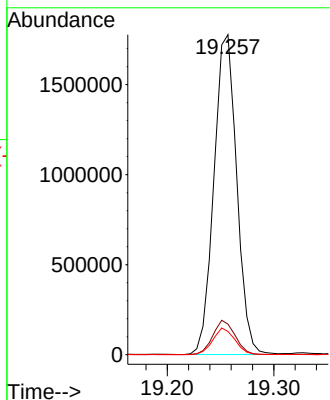
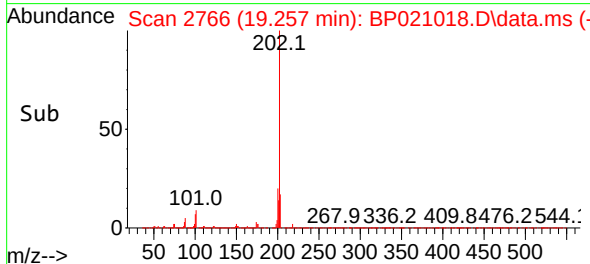
Instrument :
BNA_P
ClientSampleId :
HD-01-07152024



Tgt Ion:202 Resp: 264554
Ion Ratio Lower Upper
202 100
101 9.6 8.0 12.0
100 7.2 6.1 9.1

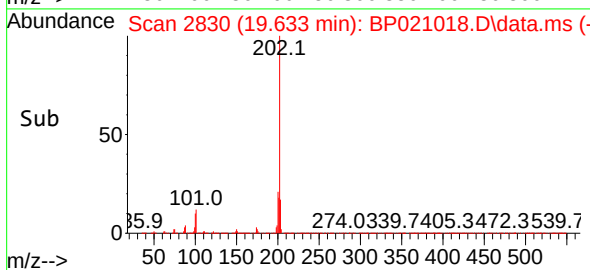
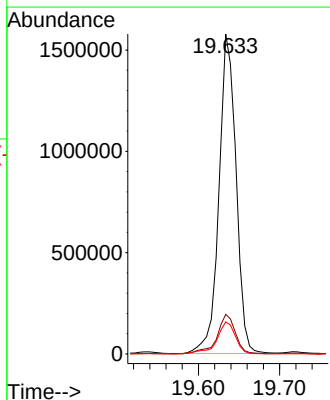
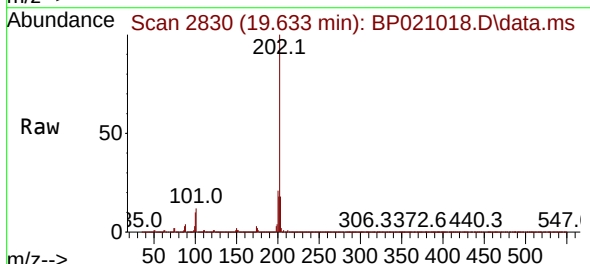
Manual Integrations
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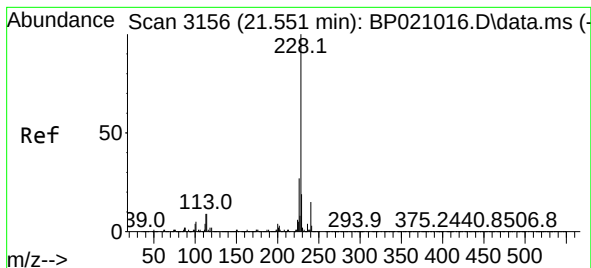
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#82
Pyrene
Concen: 32.525 ng/ul
RT: 19.633 min Scan# 2830
Delta R.T. 0.006 min
Lab File: BP021018.D
Acq: 17 Jul 2024 15:10

Tgt Ion:202 Resp: 2316733
Ion Ratio Lower Upper
202 100
101 12.3 9.4 14.2
100 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 17.336 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

Instrument :

BNA_P

ClientSampleId :

HD-01-07152024

Tgt Ion:228 Resp: 113855

Ion Ratio Lower Upper

228 100

229 20.9 15.5 23.3

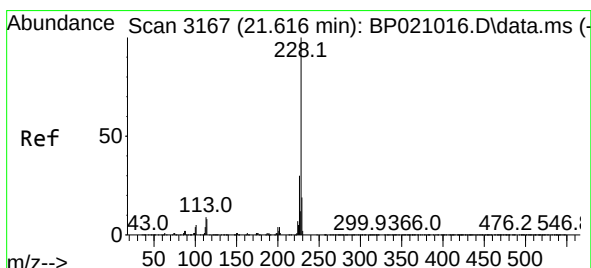
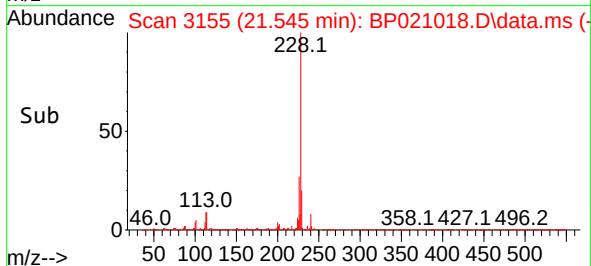
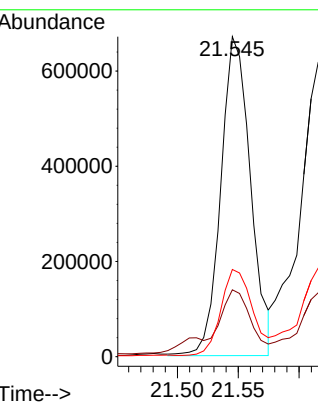
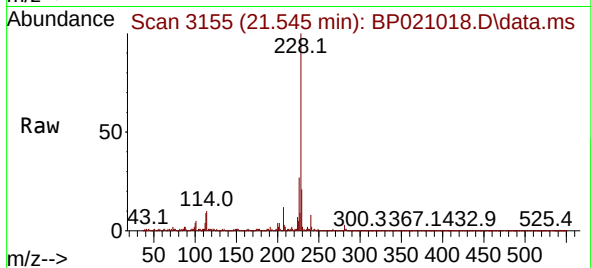
226 27.3 21.4 32.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#87

Chrysene

Concen: 19.640 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. 0.018 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

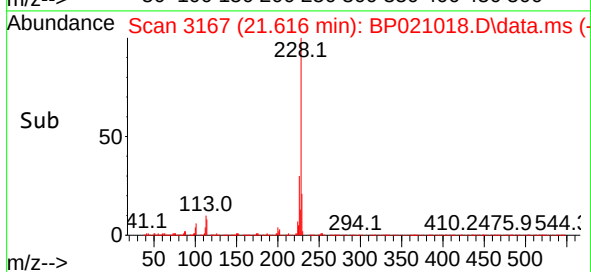
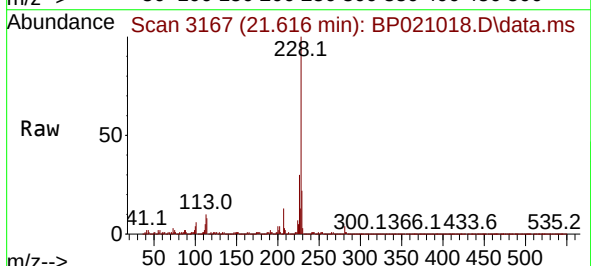
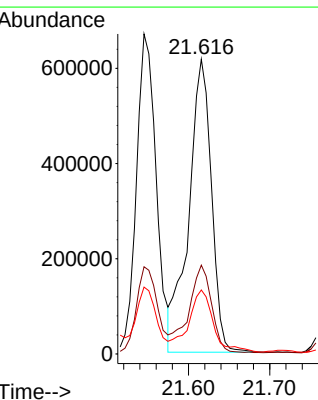
Tgt Ion:228 Resp: 1198549

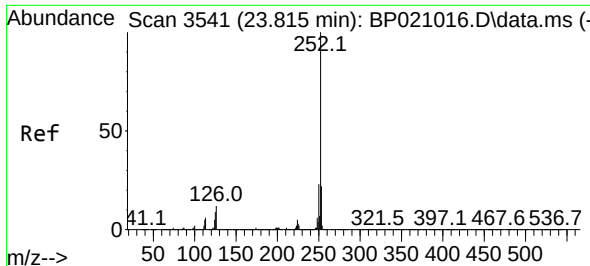
Ion Ratio Lower Upper

228 100

226 30.1 23.6 35.4

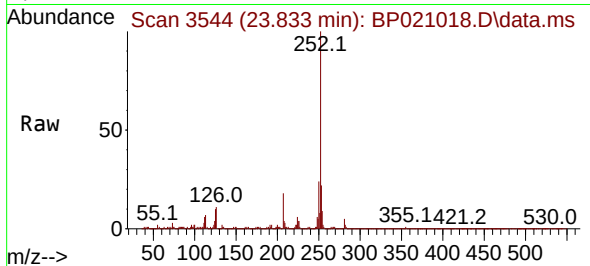
229 21.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 21.819 ng/ul
RT: 23.833 min Scan# 3544
Delta R.T. 0.053 min
Lab File: BP021018.D
Acq: 17 Jul 2024 15:10

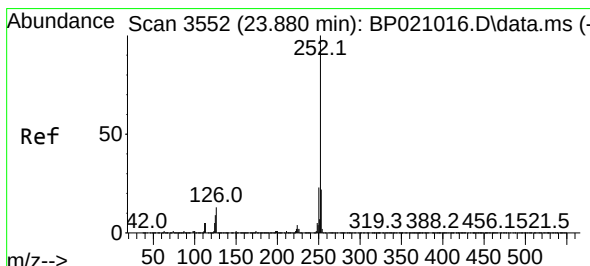
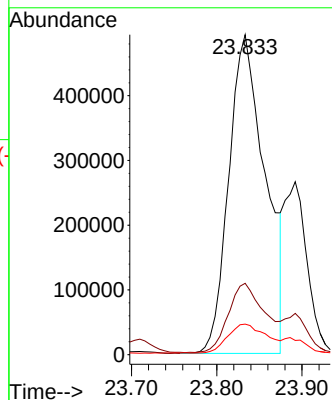
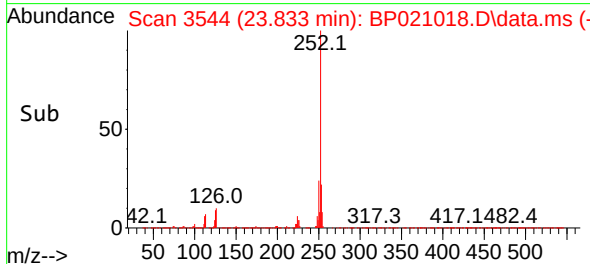
Instrument :
BNA_P
ClientSampleId :
HD-01-07152024



Tgt Ion:252 Resp: 146576
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.6 7.0 10.4

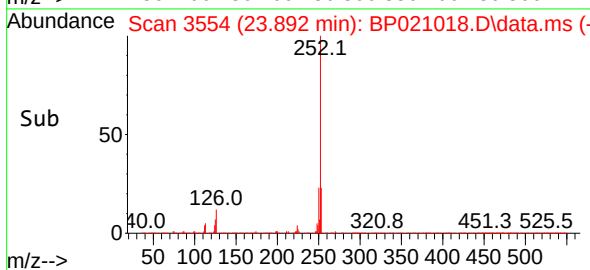
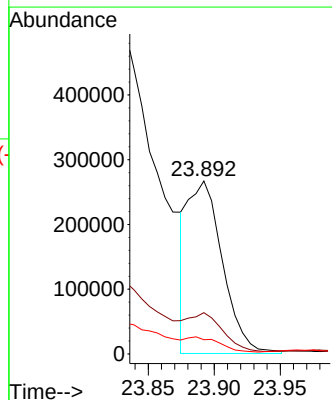
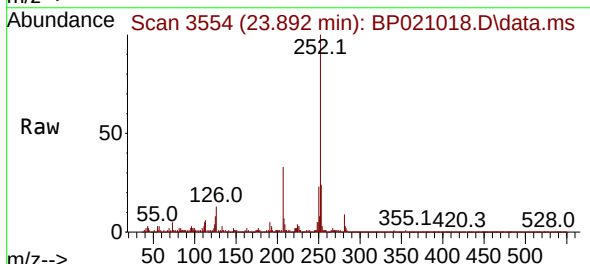
Manual Integrations
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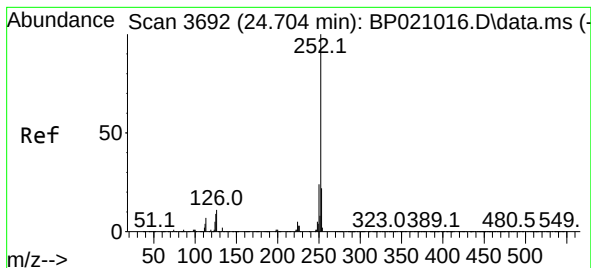
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#91
Benzo(k)fluoranthene
Concen: 7.292 ng/ul m
RT: 23.892 min Scan# 3554
Delta R.T. 0.041 min
Lab File: BP021018.D
Acq: 17 Jul 2024 15:10

Tgt Ion:252 Resp: 488857
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 8.3 7.4 11.0





#93

Benzo(a)pyrene

Concen: 16.338 ng/ul

RT: 24.716 min Scan# 3694

Delta R.T. 0.047 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

Instrument :

BNA_P

ClientSampleId :

HD-01-07152024

Tgt Ion:252 Resp: 1037200

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

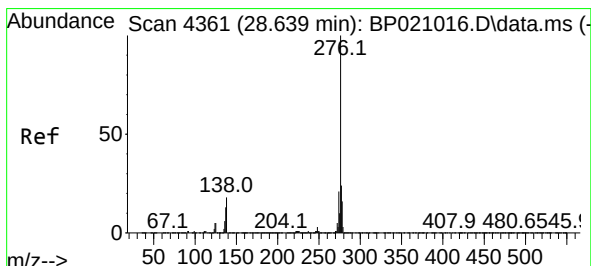
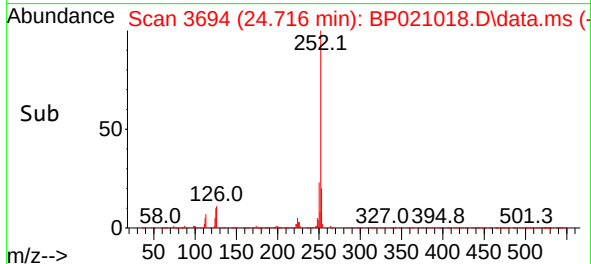
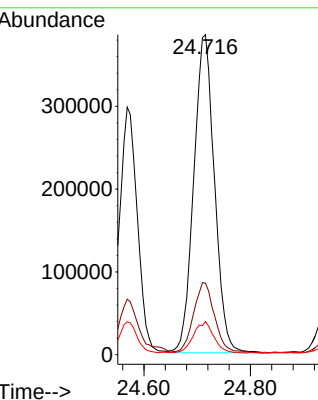
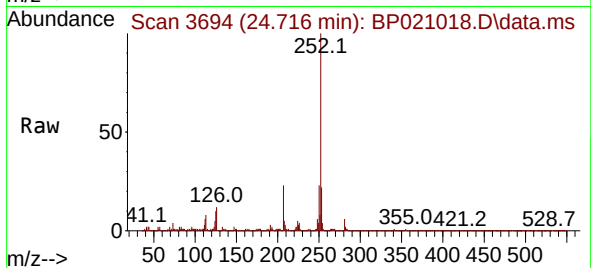
125 10.3 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.146 ng/ul

RT: 28.639 min Scan# 4361

Delta R.T. 0.065 min

Lab File: BP021018.D

Acq: 17 Jul 2024 15:10

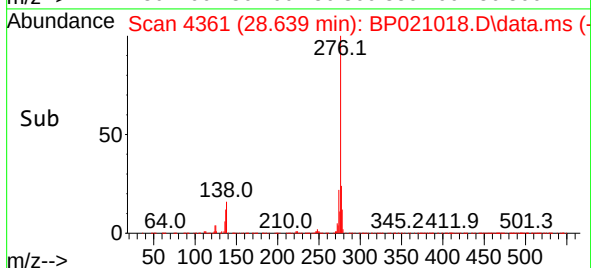
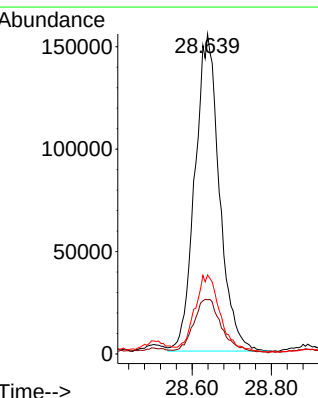
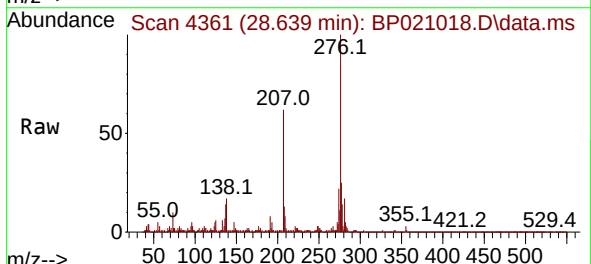
Tgt Ion:276 Resp: 666407

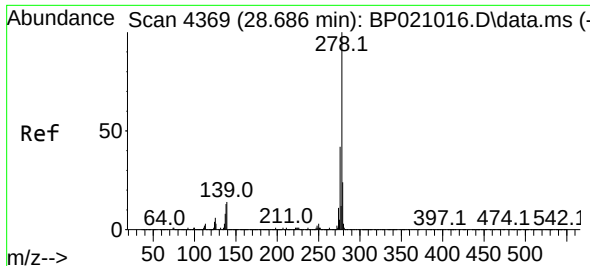
Ion Ratio Lower Upper

276 100

138 17.0 14.3 21.5

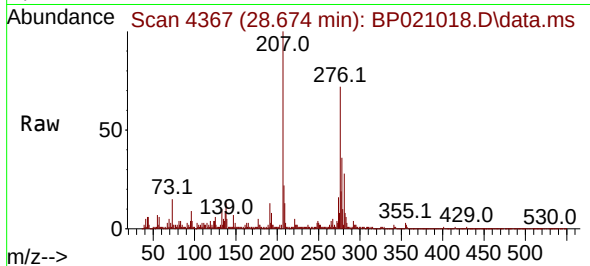
277 24.7 19.2 28.8





#95
Dibenzo(a,h)anthracene
Concen: 2.854 ng/ul m
RT: 28.674 min Scan# 4369
Delta R.T. 0.041 min
Lab File: BP021018.D
Acq: 17 Jul 2024 15:10

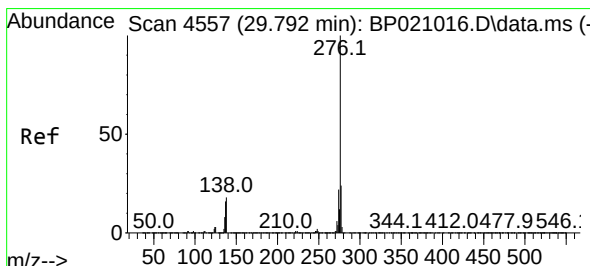
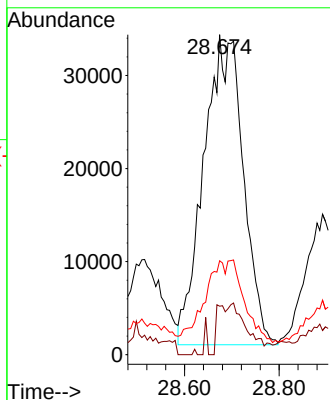
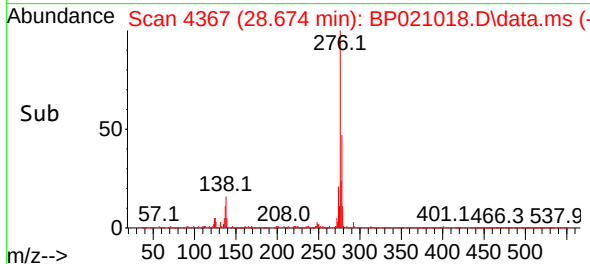
Instrument :
BNA_P
ClientSampleId :
HD-01-07152024



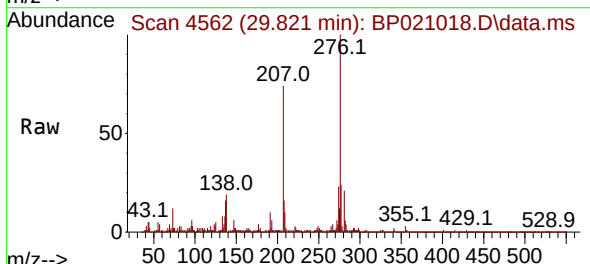
Tgt Ion:278 Resp: 193364
Ion Ratio Lower Upper
278 100
139 15.2 10.9 16.3
279 29.3 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#96
Benzo(g,h,i)perylene
Concen: 9.510 ng/ul m
RT: 29.821 min Scan# 4562
Delta R.T. 0.094 min
Lab File: BP021018.D
Acq: 17 Jul 2024 15:10



Tgt Ion:276 Resp: 633575
Ion Ratio Lower Upper
276 100
138 19.0 15.3 22.9
277 24.0 18.2 27.2

