

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021076.D
 Acq On : 19 Jul 2024 13:32
 Operator : MA/JU
 Sample : P3238-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 20 01:43:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	129504	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.446	136	525510	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	351848	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	789517	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	832903	20.000	ng/u1	-0.01
88) Perylene-d12	24.892	264	1031761	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	12868	4.522	ng/uL	0.00
4) Pyridine-d5	3.646	84	182611	22.164	ng/u1	-0.01
7) Phenol-d5	6.899	99	271650	25.729	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	151090	23.613	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.234	132	218521	25.120	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	221095	25.213	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	104326	25.559	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	120408	25.774	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	214807	25.428	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.598	131	280585	25.072	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	649619	25.398	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	776488	27.036	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	101225m	27.816	ng/u1	-0.01
60) Fluorene-d10	15.316	176	598939	28.543	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	63923	13.381	ng/u1	0.00
73) Anthracene-d10	17.228	188	972854	27.743	ng/u1	0.00
81) Pyrene-d10	19.610	212	1275632	24.773	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.657	264	1475092	28.988	ng/u1	-0.03
Target Compounds					Qvalue	
52) Acenaphthene	14.369	153	22874	1.060	ng/u1	99
72) Phenanthrene	17.169	178	335437	8.190	ng/u1	99
74) Anthracene	17.263	178	71667	1.716	ng/u1	99
77) Carbazole	17.551	167	40048m	1.173	ng/u1	
80) Fluoranthene	19.263	202	466127	7.496	ng/u1	99
82) Pyrene	19.639	202	394982	6.242	ng/u1	97
85) Benzo(a)anthracene	21.551	228	208845	3.579	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	709308	18.694	ng/u1	100
87) Chrysene	21.616	228	210172	3.877	ng/u1	97
90) Benzo(b)fluoranthene	23.833	252	272096	4.346	ng/u1#	92
91) Benzo(k)fluoranthene	23.898	252	90828m	1.454	ng/u1	
93) Benzo(a)pyrene	24.727	252	189599	3.204	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.650	276	128130m	1.681	ng/u1	
96) Benzo(g,h,i)perylene	29.821	276	120947	1.948	ng/u1	94

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

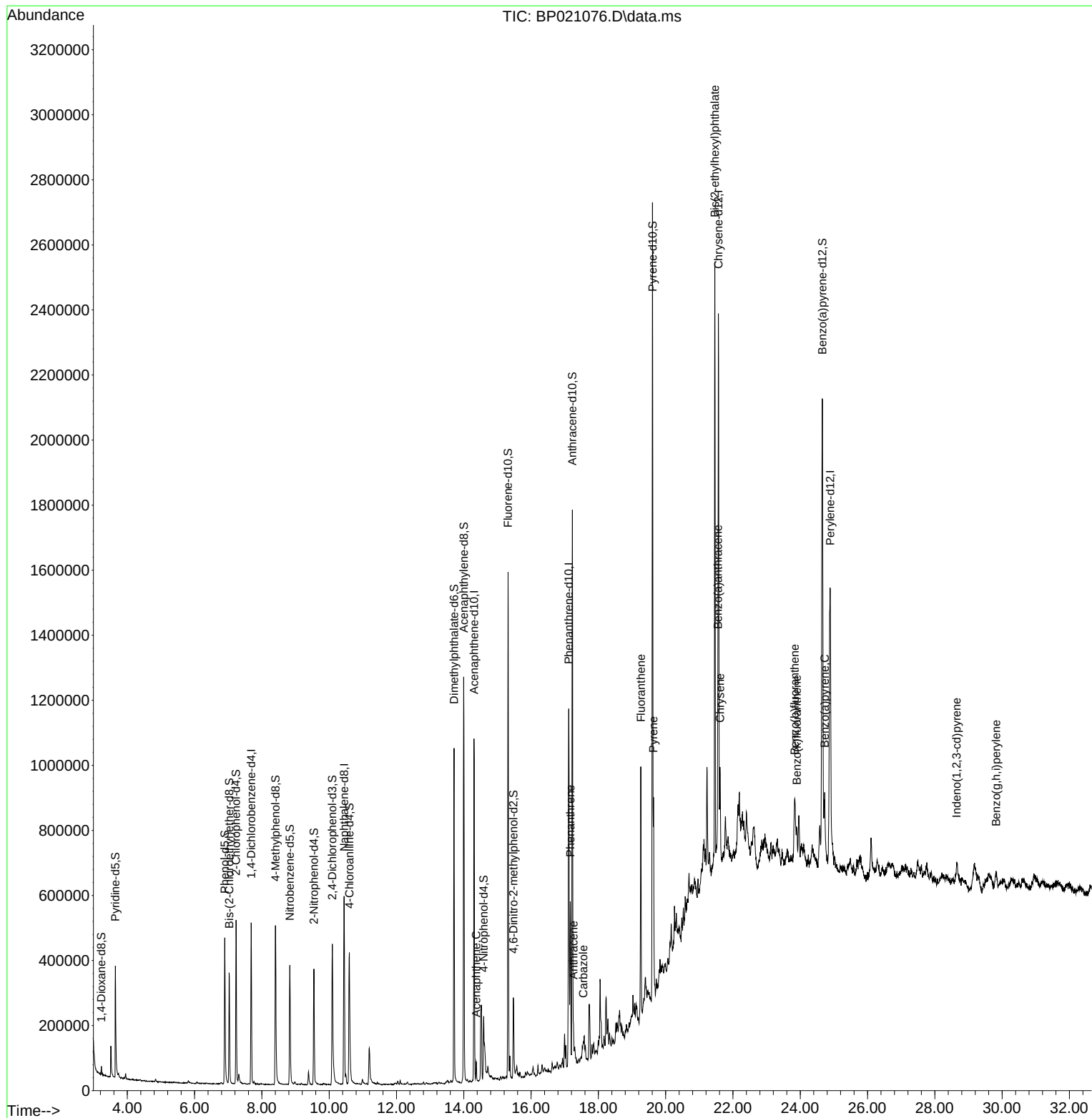
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021076.D
Acq On : 19 Jul 2024 13:32
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

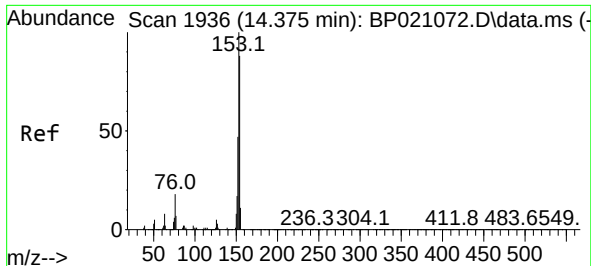
Instrument :
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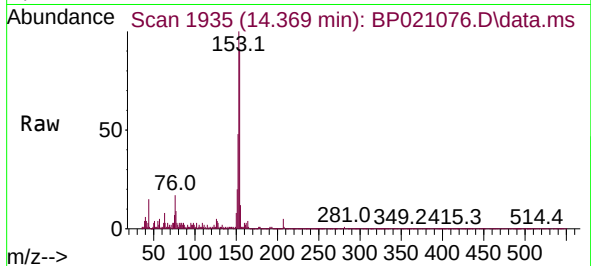
Quant Time: Jul 20 01:43:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.060 ng/ul
RT: 14.369 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP021076.D
Acq: 19 Jul 2024 13:32

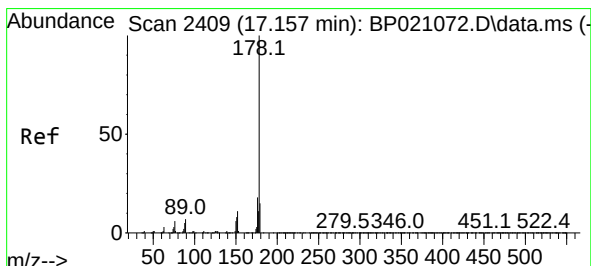
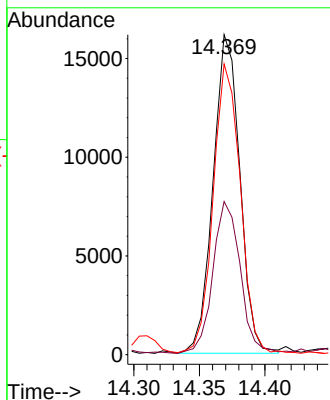
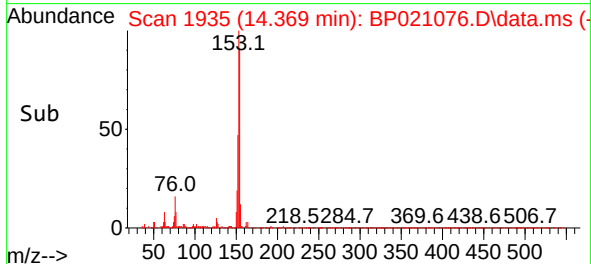
Instrument :
BNA_P
ClientSampleId :
A4BF0



Tgt Ion:153 Resp: 22874
Ion Ratio Lower Upper
153 100
152 47.9 37.8 56.6
154 90.8 71.8 107.6

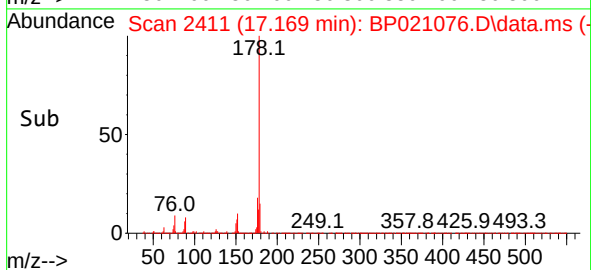
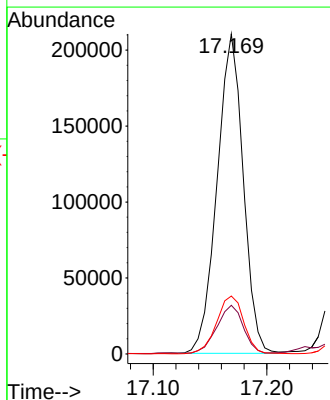
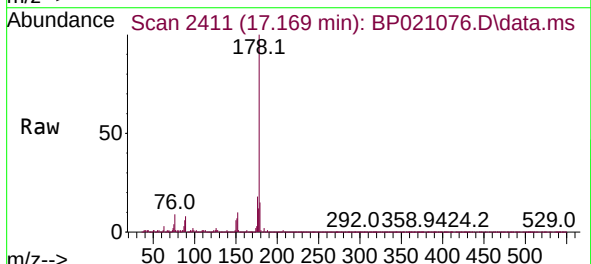
Manual Integrations
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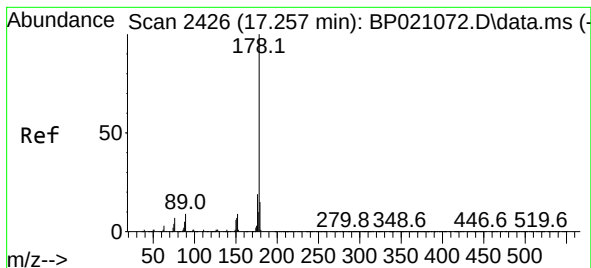
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#72
Phenanthrene
Concen: 8.190 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BP021076.D
Acq: 19 Jul 2024 13:32

Tgt Ion:178 Resp: 335437
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 18.1 15.0 22.4





#74

Anthracene

Concen: 1.716 ng/ul

RT: 17.263 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BP021076.D

Acq: 19 Jul 2024 13:32

Instrument :

BNA_P

ClientSampleId :

A4BF0

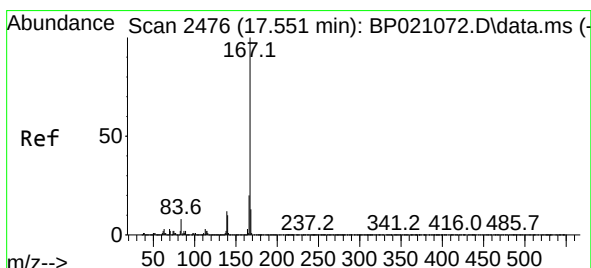
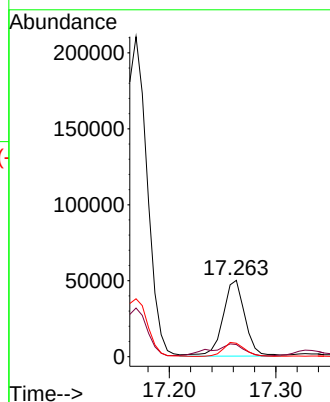
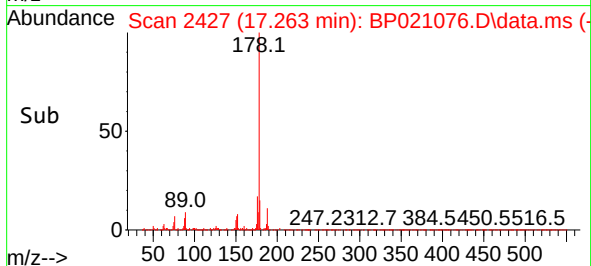
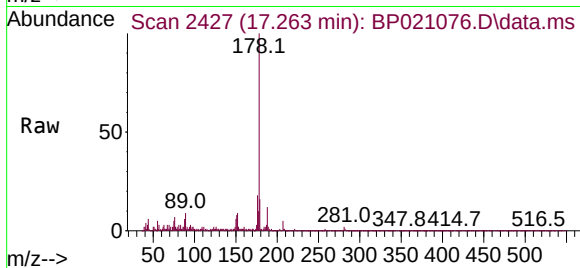
Tgt Ion:	178	Resp:	7166
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.5	18.7
176	17.6	14.8	22.2

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#77

Carbazole

Concen: 1.173 ng/ul m

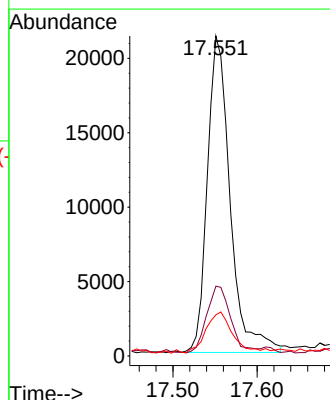
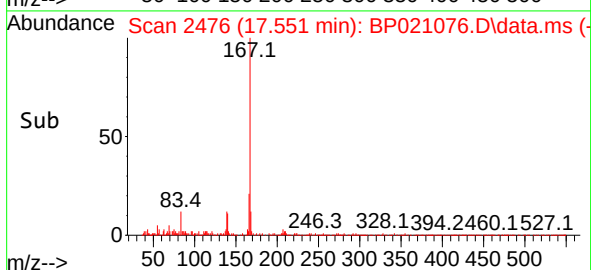
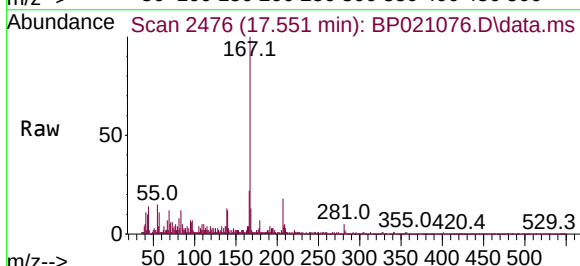
RT: 17.551 min Scan# 2476

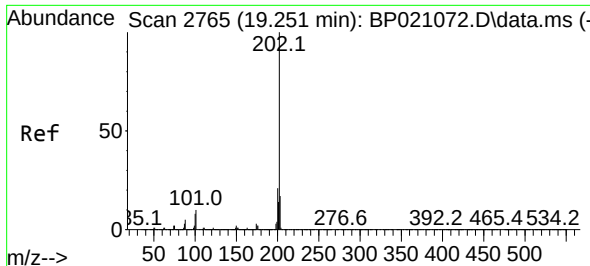
Delta R.T. -0.012 min

Lab File: BP021076.D

Acq: 19 Jul 2024 13:32

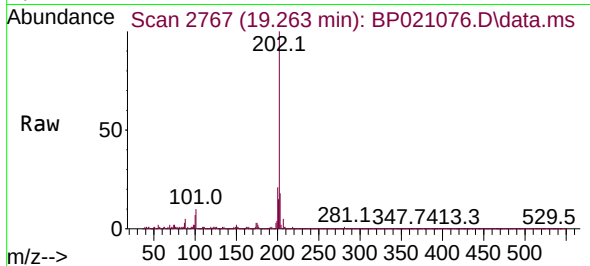
Tgt Ion:	167	Resp:	40048
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.3	25.9
139	12.9	10.2	15.2





#80
Fluoranthene
Concen: 7.496 ng/u1
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021076.D
Acq: 19 Jul 2024 13:32

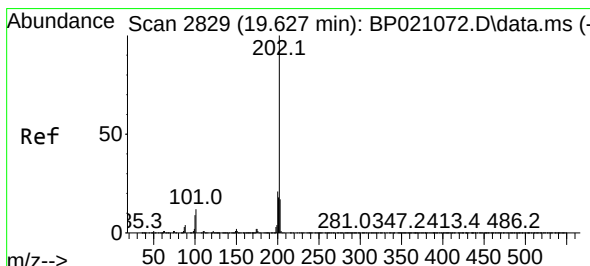
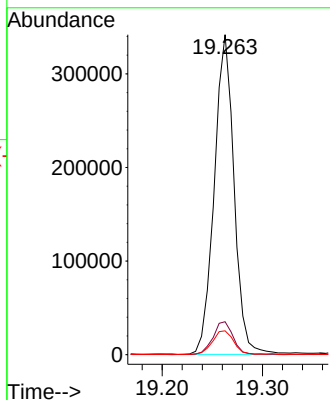
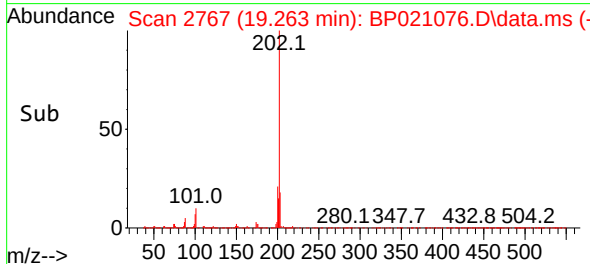
Instrument :
BNA_P
ClientSampleId :
A4BF0



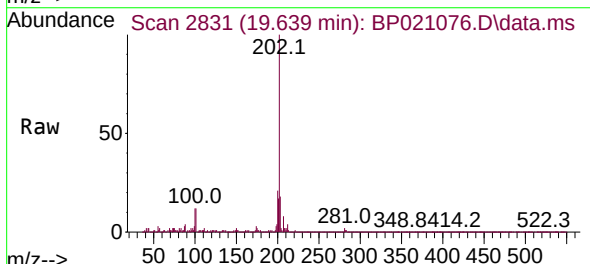
Tgt Ion:202 Resp: 46612
Ion Ratio Lower Upper
202 100
101 10.3 8.0 12.0
100 7.5 6.1 9.1

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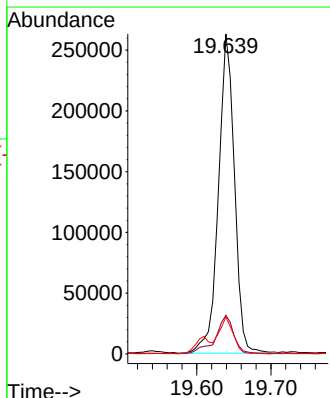
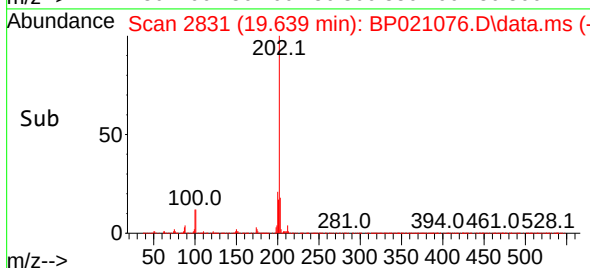
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

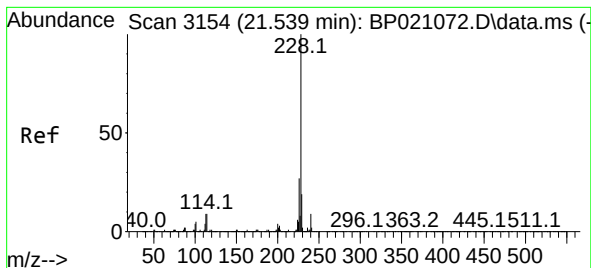


#82
Pyrene
Concen: 6.242 ng/u1
RT: 19.639 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BP021076.D
Acq: 19 Jul 2024 13:32



Tgt Ion:202 Resp: 394982
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 11.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 3.579 ng/ul

RT: 21.551 min Scan# 3156

Delta R.T. -0.012 min

Lab File: BP021076.D

Acq: 19 Jul 2024 13:32

Instrument :

BNA_P

ClientSampleId :

A4BF0

Tgt Ion:228 Resp: 20884

Ion Ratio Lower Upper

228 100

229 20.4 15.5 23.3

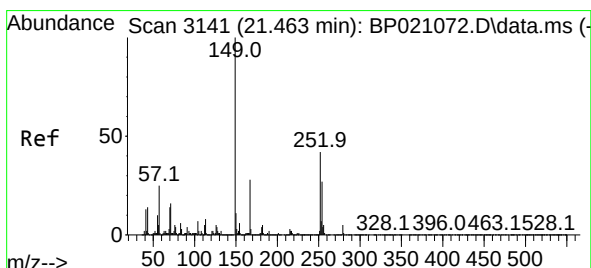
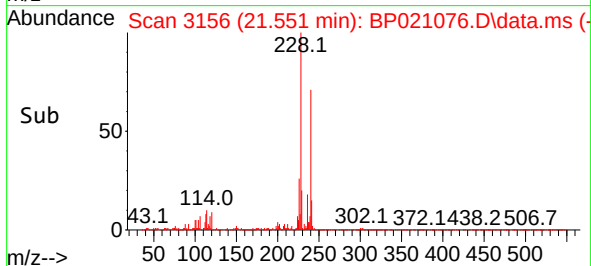
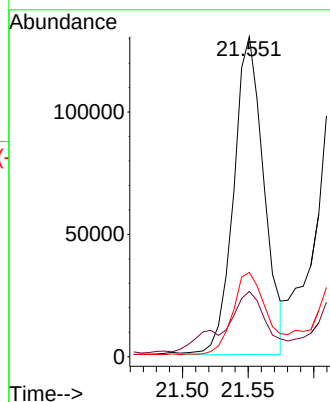
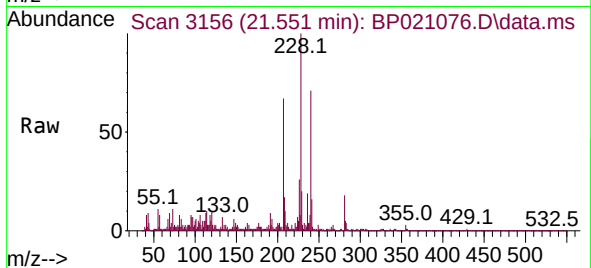
226 26.4 21.4 32.2

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.694 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BP021076.D

Acq: 19 Jul 2024 13:32

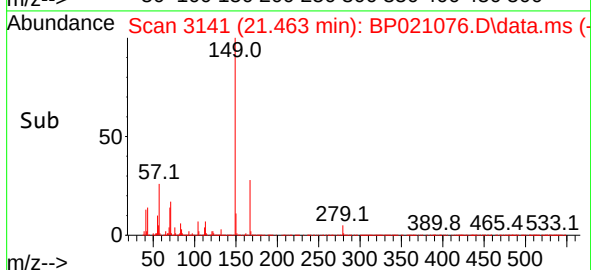
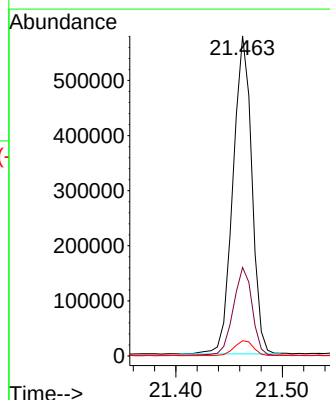
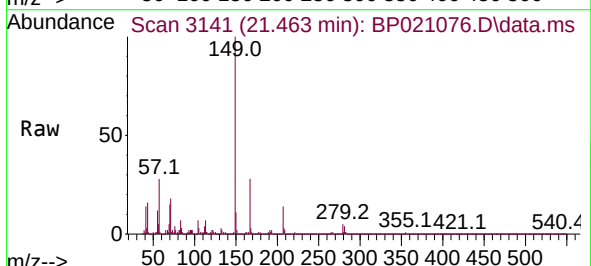
Tgt Ion:149 Resp: 709308

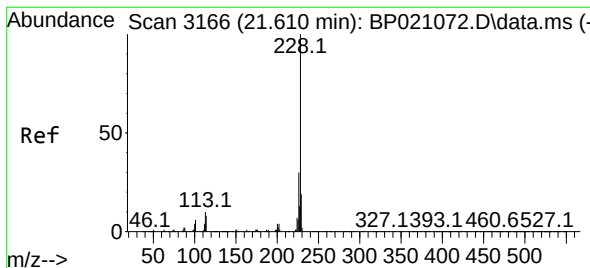
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.7 3.7 5.5





#87

Chrysene

Concen: 3.877 ng/ul

RT: 21.616 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BP021076.D

Acq: 19 Jul 2024 13:32

Instrument :

BNA_P

ClientSampleId :

A4BF0

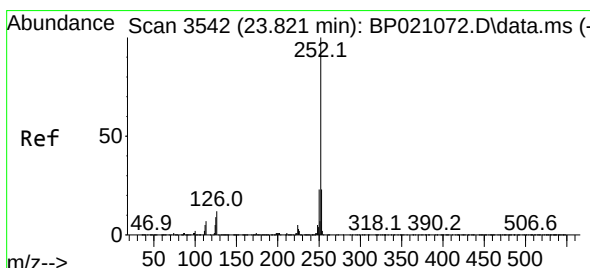
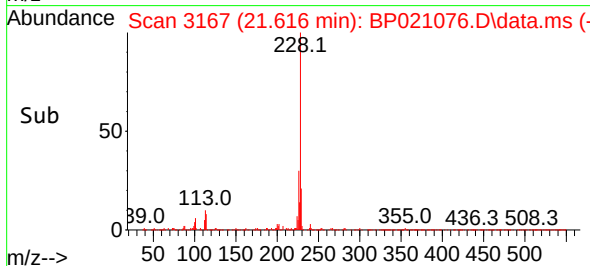
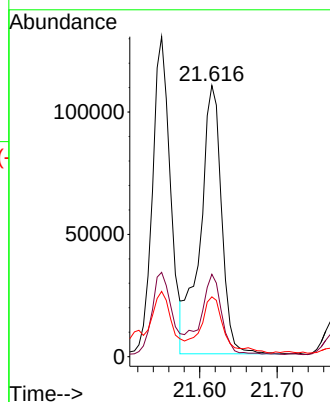
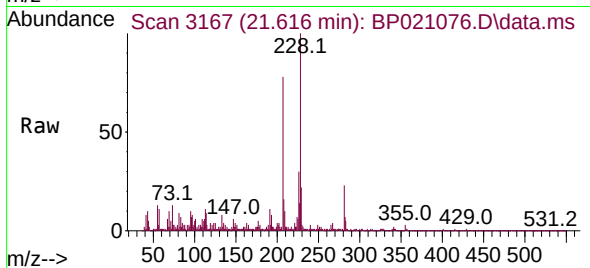
Tgt Ion:228	Resp: 210172
Ion Ratio	Lower Upper
228 100	
226 30.4	23.6 35.4
229 22.1	15.5 23.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#90

Benzo(b)fluoranthene

Concen: 4.346 ng/ul

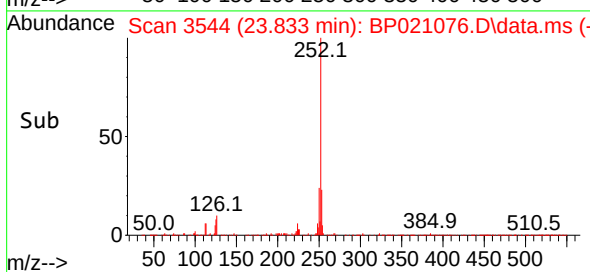
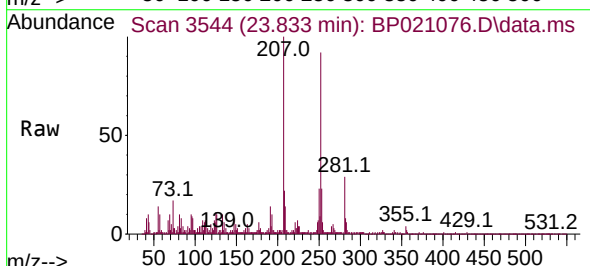
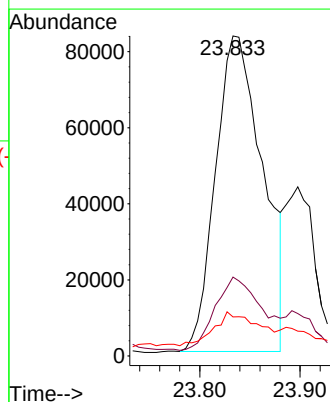
RT: 23.833 min Scan# 3544

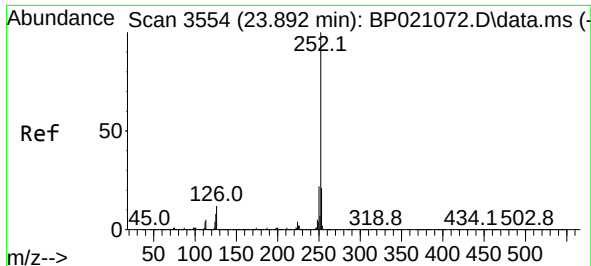
Delta R.T. -0.018 min

Lab File: BP021076.D

Acq: 19 Jul 2024 13:32

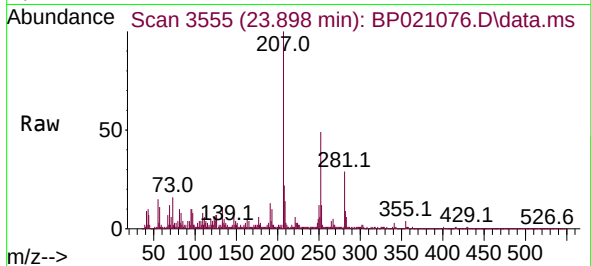
Tgt Ion:252	Resp: 272096
Ion Ratio	Lower Upper
252 100	
253 24.6	17.1 25.7
125 12.2	7.0 10.4





#91
Benzo(k)fluoranthene
Concen: 1.454 ng/ul m
RT: 23.898 min Scan# 3554
Delta R.T. -0.024 min
Lab File: BP021076.D
Acq: 19 Jul 2024 13:32

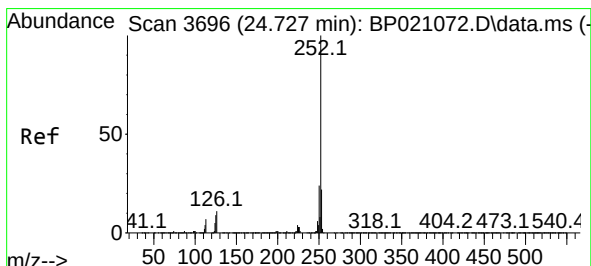
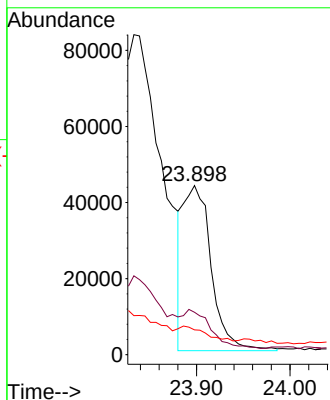
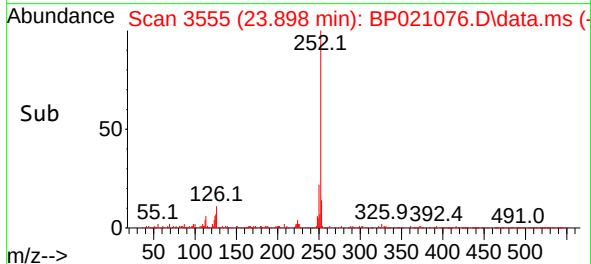
Instrument :
BNA_P
ClientSampleId :
A4BF0



Tgt Ion:252 Resp: 90828
Ion Ratio Lower Upper
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253 25.1 17.4 26.2
125 14.7 7.4 11.0

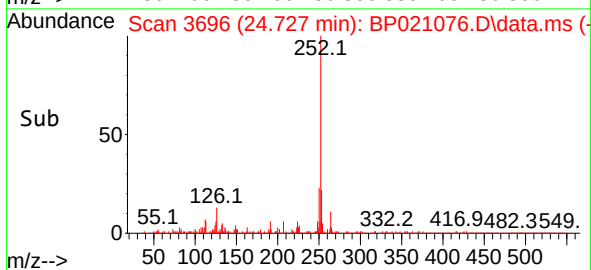
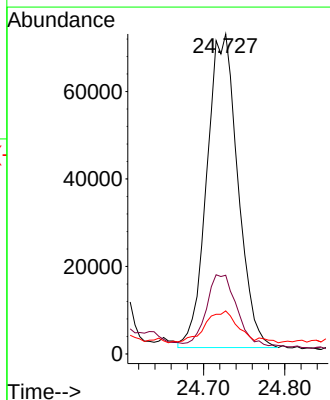
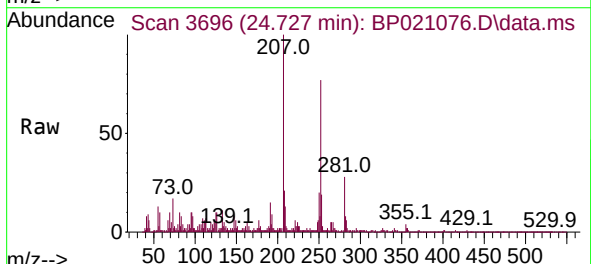
Manual Integrations
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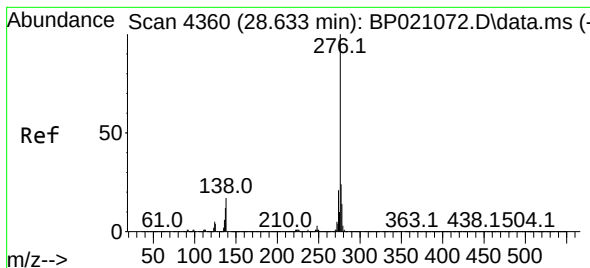
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#93
Benzo(a)pyrene
Concen: 3.204 ng/ul
RT: 24.727 min Scan# 3696
Delta R.T. -0.035 min
Lab File: BP021076.D
Acq: 19 Jul 2024 13:32

Tgt Ion:252 Resp: 189599
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 13.5 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.681 ng/ul m

RT: 28.650 min Scan# 4360

Delta R.T. -0.053 min

Lab File: BP021076.D

Acq: 19 Jul 2024 13:32

Instrument :

BNA_P

ClientSampleId :

A4BF0

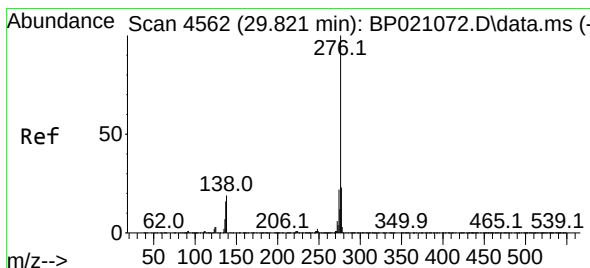
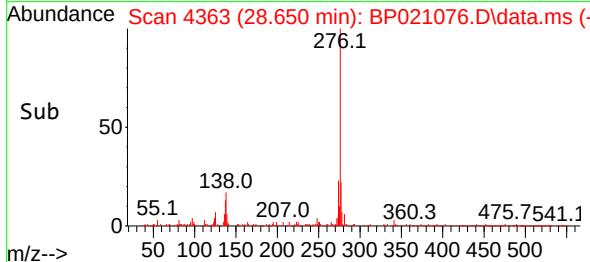
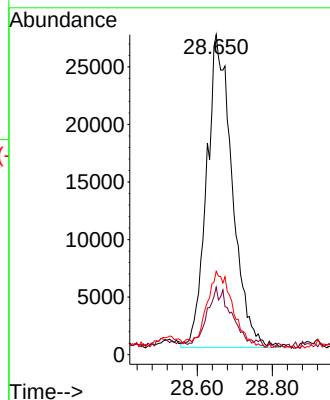
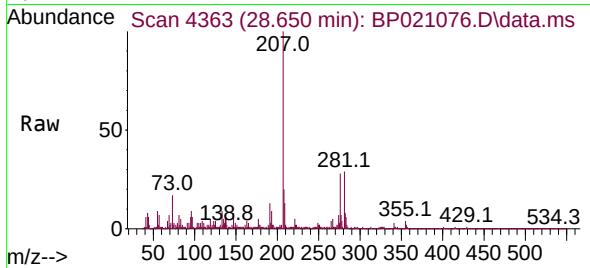
Tgt Ion:	276	Resp:	128130
Ion Ratio	Lower	Upper	
276	100		
138	21.1	14.3	21.5
277	26.1	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#96

Benzo(g,h,i)perylene

Concen: 1.948 ng/ul

RT: 29.821 min Scan# 4562

Delta R.T. -0.029 min

Lab File: BP021076.D

Acq: 19 Jul 2024 13:32

Tgt Ion:	276	Resp:	120947
Ion Ratio	Lower	Upper	
276	100		
138	20.6	15.3	22.9
277	26.4	18.2	27.2

