

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021331.D
 Acq On : 02 Aug 2024 22:26
 Operator : CG/JU
 Sample : P3263-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CLO

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 23:28:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	139234	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	548944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	349410	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	753211	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	793797	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	980203	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	14687	4.800	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.852	99	300515	26.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	181731	26.417	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	257298	27.511	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	239802	25.435	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	117334	27.519	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	137082	28.090	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	234462m	26.570	ng/u1	0.01
31) 4-Chloroaniline-d4	10.581	131	83123m	7.110	ng/u1	0.02
46) Dimethylphthalate-d6	13.675	166	702016	27.638	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	811903	28.467	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.622	143	94571m	26.169	ng/u1	0.04
60) Fluorene-d10	15.286	176	625607	30.022	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	81947	17.981	ng/u1	0.00
73) Anthracene-d10	17.186	188	972404	29.067	ng/u1	0.00
81) Pyrene-d10	19.569	212	1138885	23.207	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.609	264	1000868	20.703	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	13.981	152	45233	1.401	ng/u1	98
52) Acenaphthene	14.328	153	23410	1.092	ng/u1	95
61) Fluorene	15.345	166	28749	1.200	ng/u1	93
72) Phenanthrene	17.133	178	600191	15.361	ng/u1	100
74) Anthracene	17.222	178	131528	3.302	ng/u1	97
77) Carbazole	17.533	167	50833	1.561	ng/u1	97
80) Fluoranthene	19.216	202	1168873	19.722	ng/u1	99
82) Pyrene	19.598	202	930352	15.426	ng/u1	100
85) Benzo(a)anthracene	21.516	228	664928	11.958	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	105737	2.924	ng/u1	99
87) Chrysene	21.574	228	663532	12.842	ng/u1	98
90) Benzo(b)fluoranthene	23.792	252	956870	16.086	ng/u1#	97
91) Benzo(k)fluoranthene	23.851	252	287537m	4.844	ng/u1	
93) Benzo(a)pyrene	24.680	252	376387	6.696	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.592	276	366028	5.053	ng/u1	97
95) Dibenzo(a,h)anthracene	28.633	278	139529m	2.326	ng/u1	

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

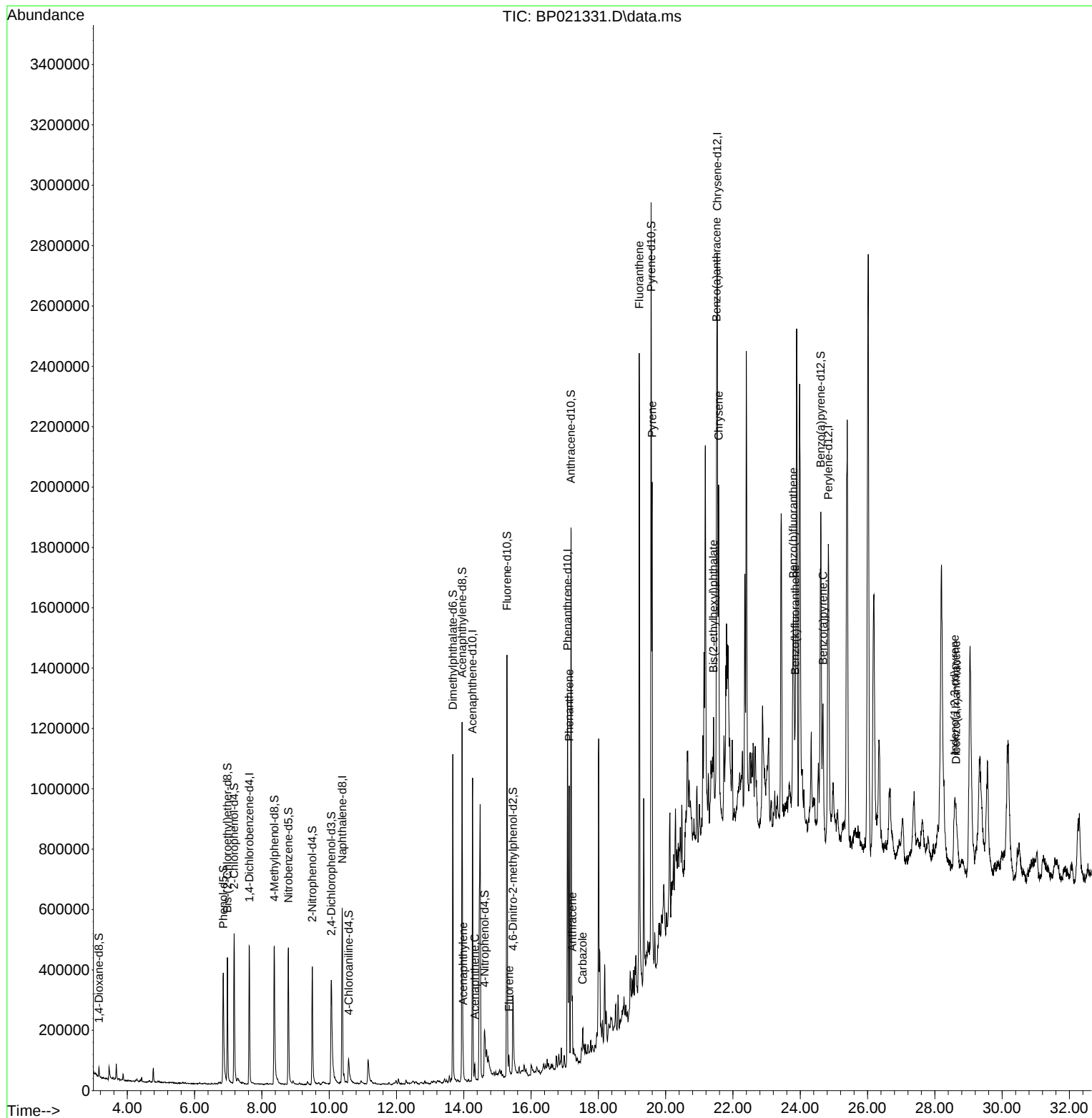
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021331.D
Acq On : 02 Aug 2024 22:26
Operator : CG/JU
Sample : P3263-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

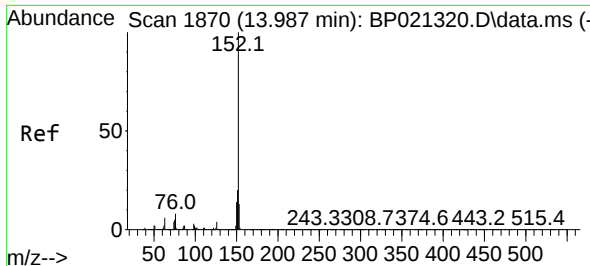
Instrument :
BNA_P
ClientSampleId :
A4CLO

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 02 23:28:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration





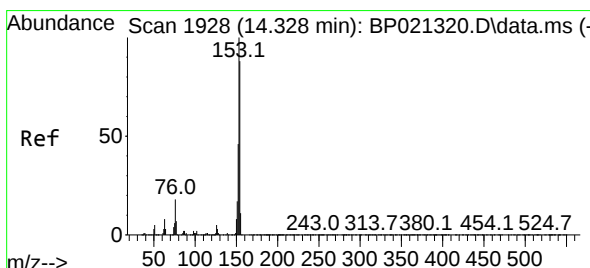
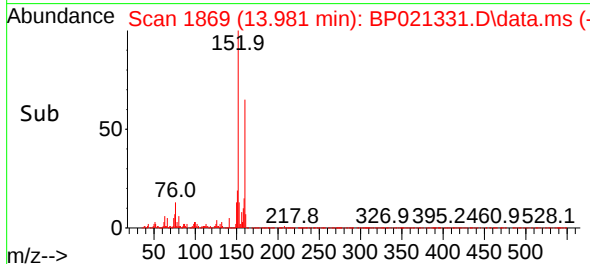
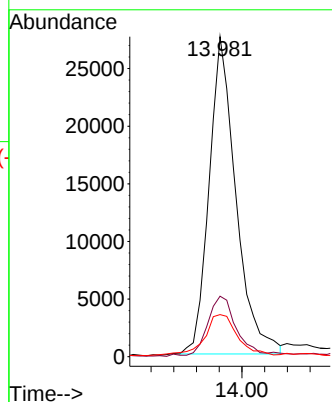
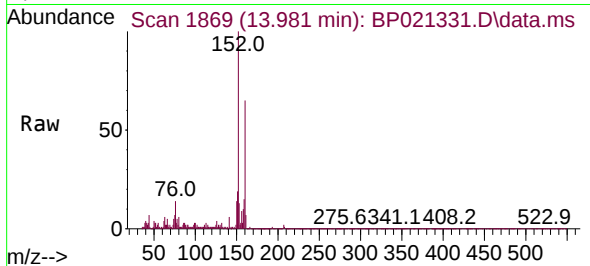
#50
Acenaphthylene
Concen: 1.401 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

Instrument :
BNA_P
ClientSampleId :
A4CLO

Tgt Ion:152 Resp: 4523
Ion Ratio Lower Upper
152 100
151 18.9 16.2 24.2
153 13.2 10.3 15.5

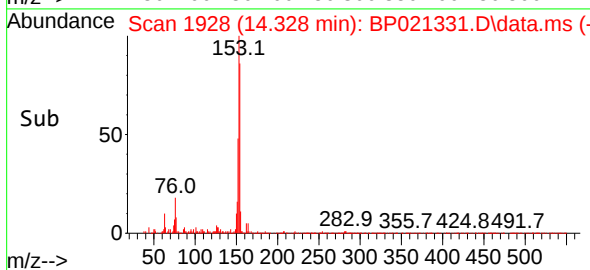
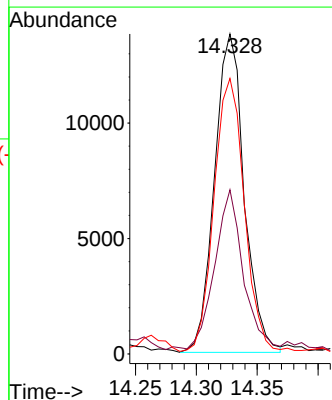
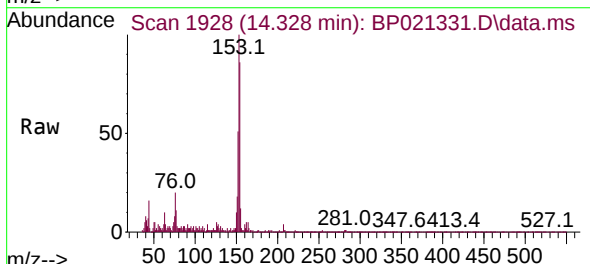
Manual Integrations
APPROVED

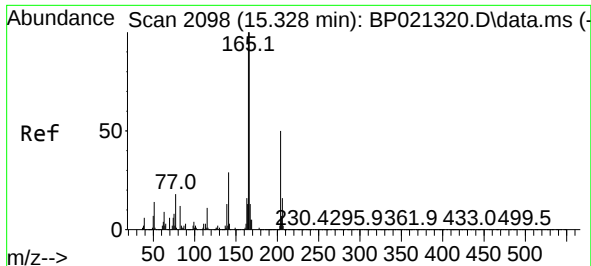
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#52
Acenaphthene
Concen: 1.092 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

Tgt Ion:153 Resp: 23410
Ion Ratio Lower Upper
153 100
152 51.3 37.8 56.6
154 86.1 71.8 107.6





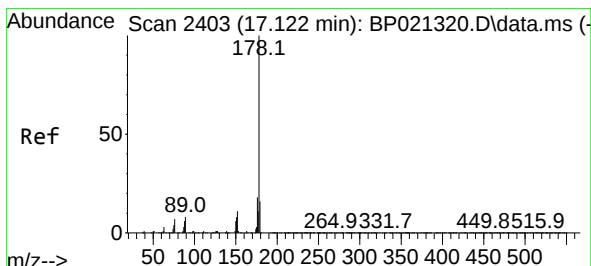
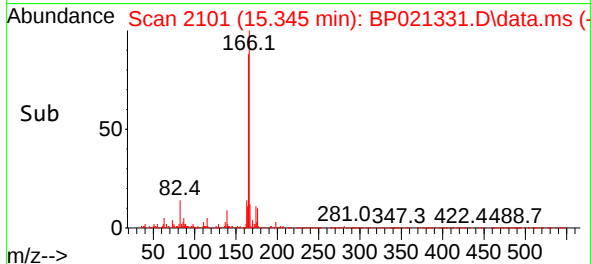
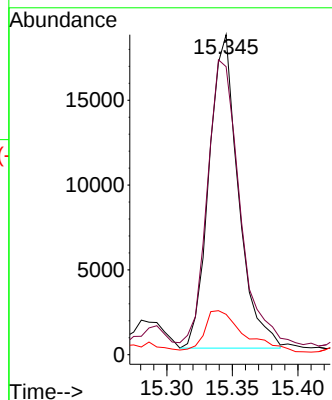
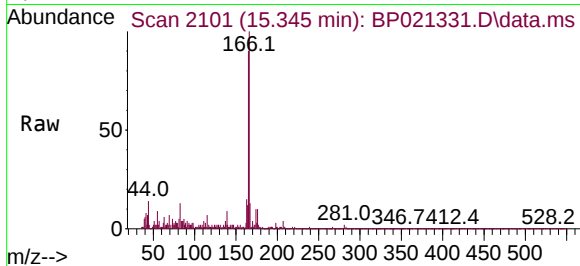
#61
Fluorene
Concen: 1.200 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

Instrument :
BNA_P
ClientSampleId :
A4CLO

Tgt Ion:166 Resp: 28749
Ion Ratio Lower Upper
166 100
165 90.0 78.1 117.1
167 12.6 10.9 16.3

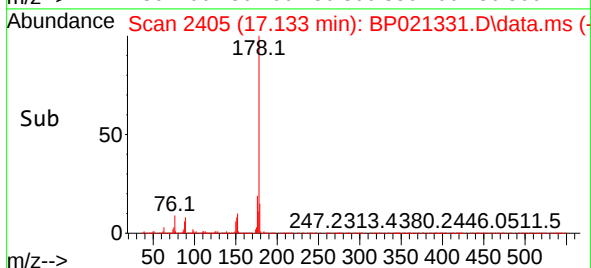
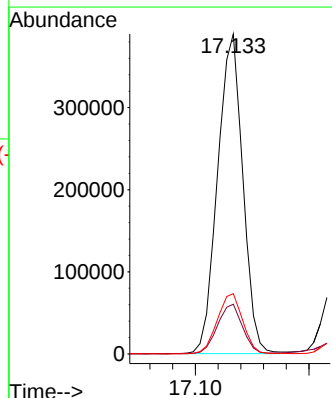
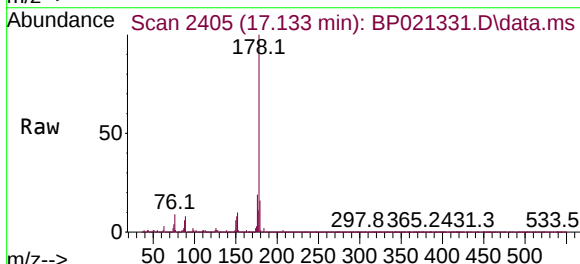
Manual Integrations
APPROVED

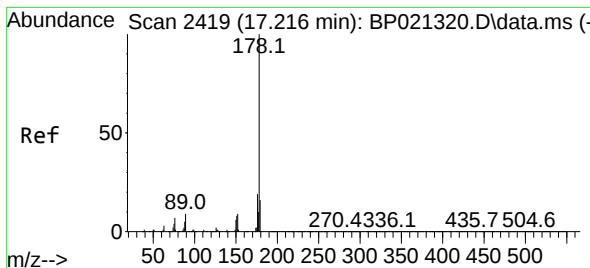
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#72
Phenanthrene
Concen: 15.361 ng/ul
RT: 17.133 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

Tgt Ion:178 Resp: 600191
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 18.9 15.0 22.4





#74

Anthracene

Concen: 3.302 ng/ul

RT: 17.222 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP021331.D

Acq: 02 Aug 2024 22:26

Instrument :

BNA_P

ClientSampleId :

A4CLO

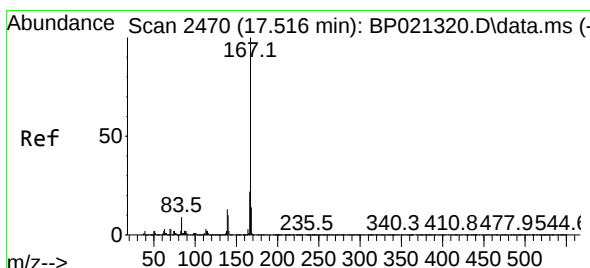
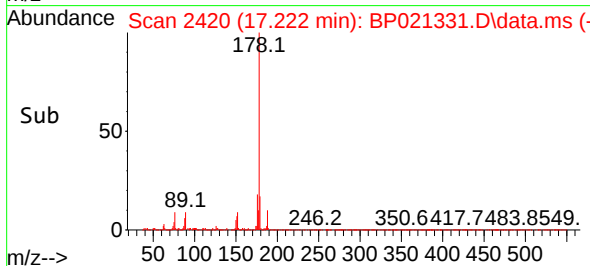
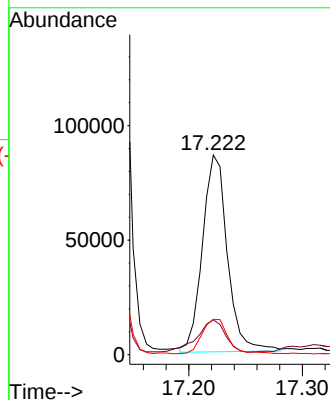
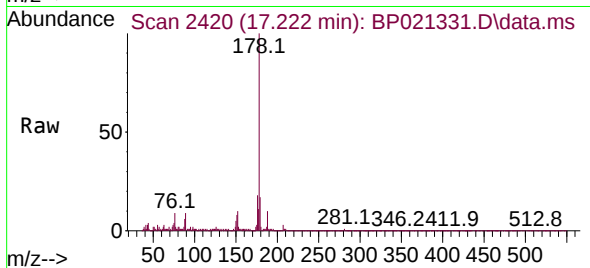
Tgt Ion:	178	Resp:	131528
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.5	18.7
176	17.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#77

Carbazole

Concen: 1.561 ng/ul

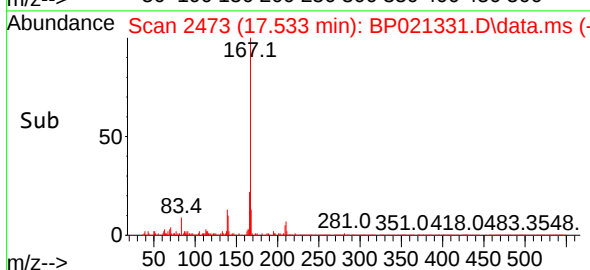
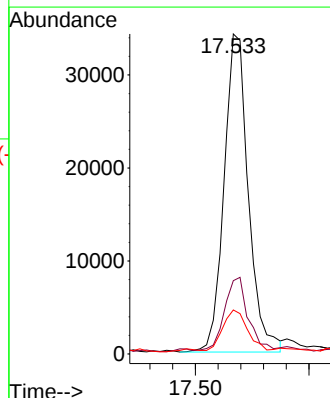
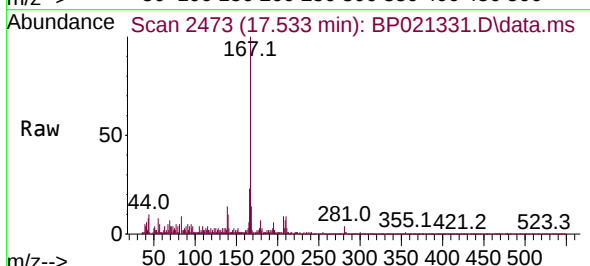
RT: 17.533 min Scan# 2473

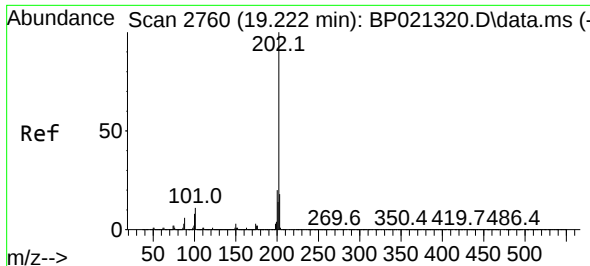
Delta R.T. 0.012 min

Lab File: BP021331.D

Acq: 02 Aug 2024 22:26

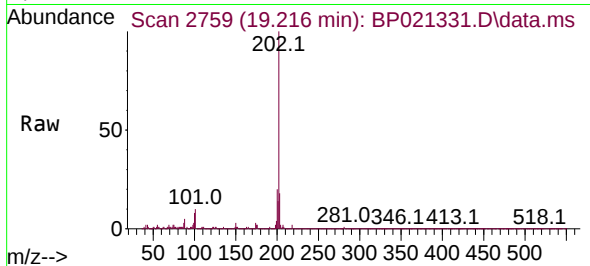
Tgt Ion:	167	Resp:	50833
Ion Ratio	Lower	Upper	
167	100		
166	22.9	17.3	25.9
139	13.8	10.2	15.2





#80
Fluoranthene
Concen: 19.722 ng/u1
RT: 19.216 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

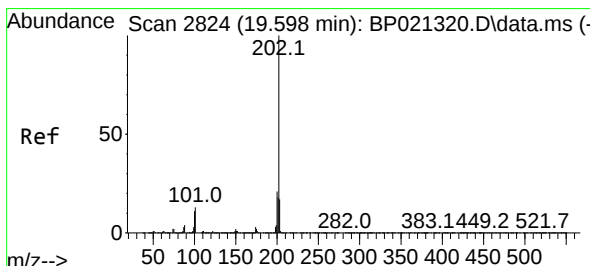
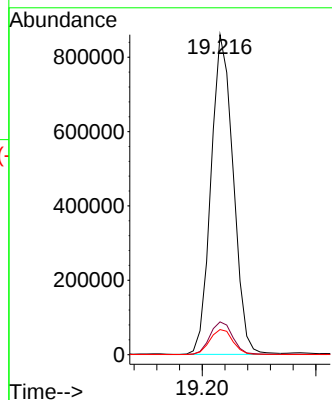
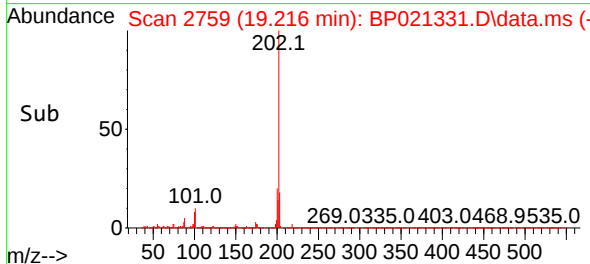
Instrument :
BNA_P
ClientSampleId :
A4CLO



Tgt Ion:202 Resp: 116887
Ion Ratio Lower Upper
202 100
101 10.3 8.0 12.0
100 7.8 6.1 9.1

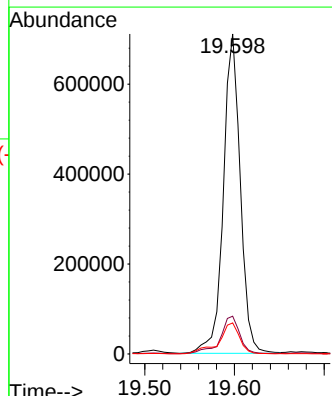
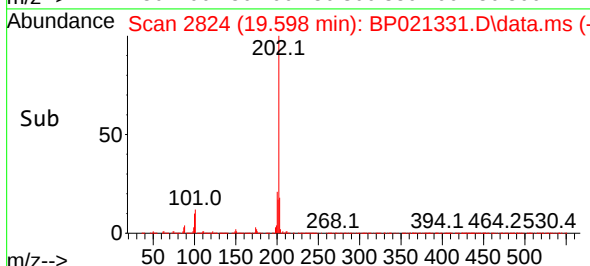
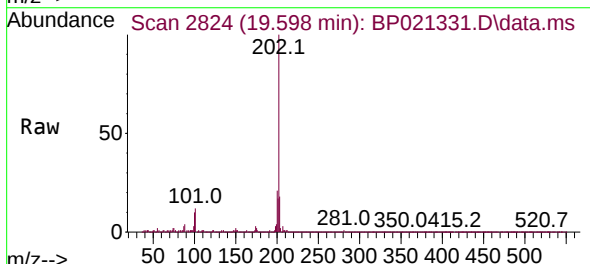
Manual Integrations
APPROVED

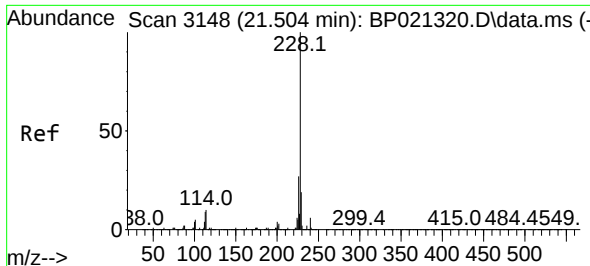
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#82
Pyrene
Concen: 15.426 ng/u1
RT: 19.598 min Scan# 2824
Delta R.T. -0.011 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

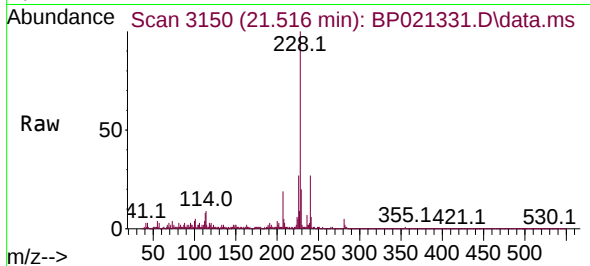
Tgt Ion:202 Resp: 930352
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 9.7 7.8 11.6





#85
Benzo(a)anthracene
Concen: 11.958 ng/ul
RT: 21.516 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

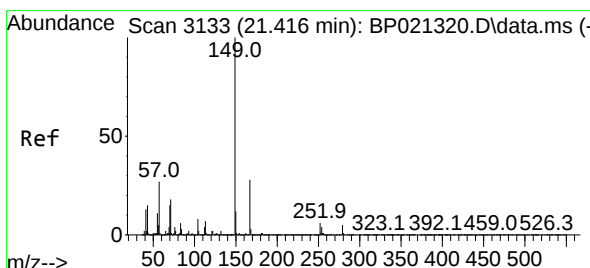
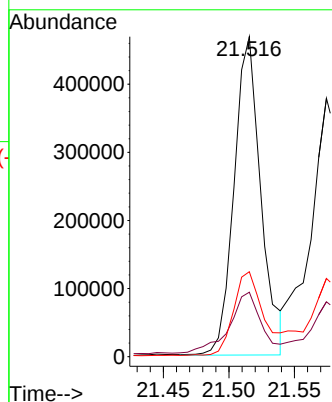
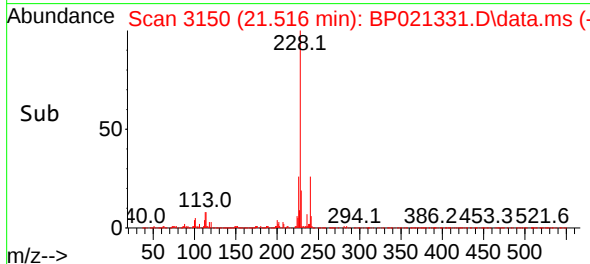
Instrument :
BNA_P
ClientSampleId :
A4CLO



Tgt Ion:228 Resp: 664928
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 26.6 21.4 32.2

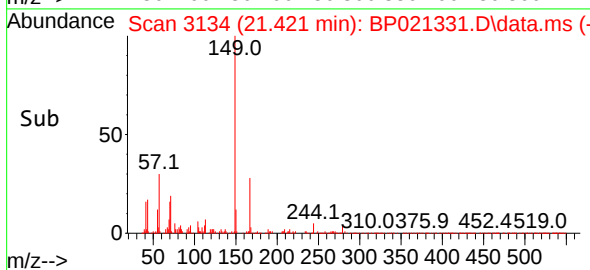
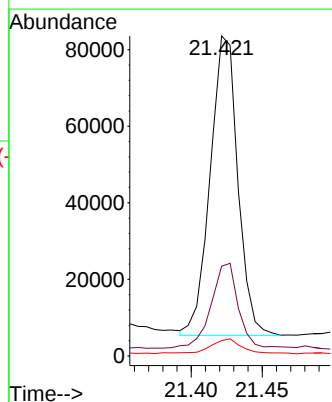
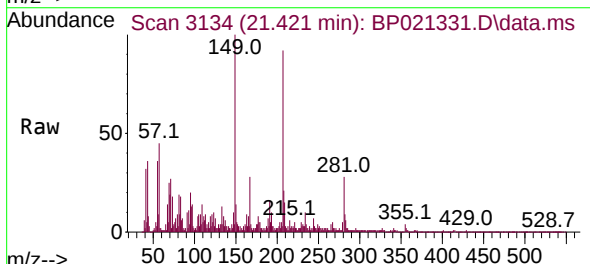
Manual Integrations
APPROVED

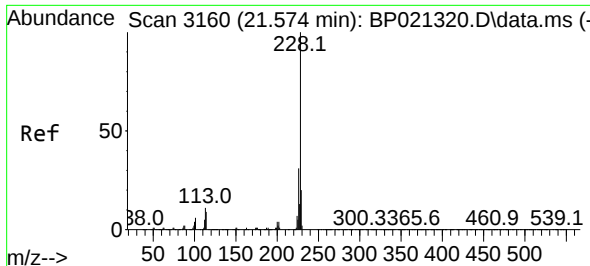
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.924 ng/ul
RT: 21.421 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

Tgt Ion:149 Resp: 105737
Ion Ratio Lower Upper
149 100
167 28.1 22.1 33.1
279 4.8 3.7 5.5





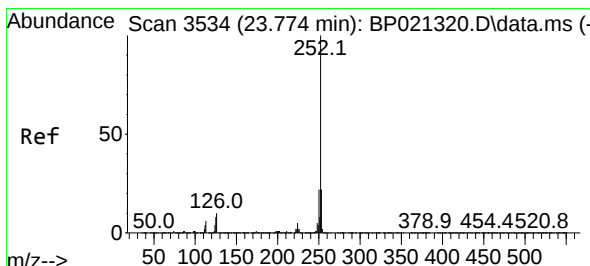
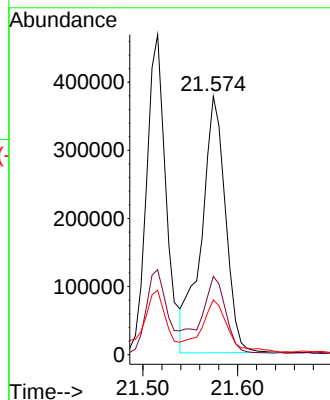
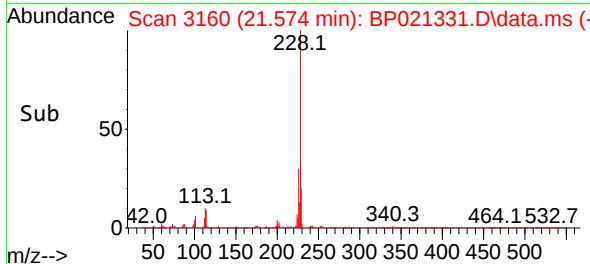
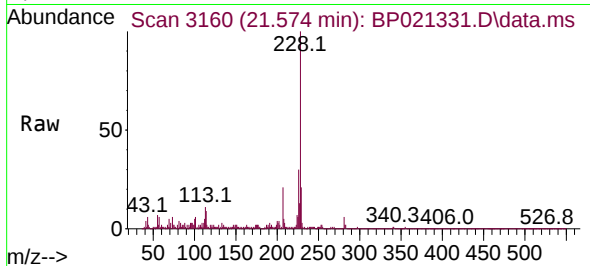
#87
Chrysene
Concen: 12.842 ng/ul
RT: 21.574 min Scan# 3160
Delta R.T. -0.011 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

Instrument :
BNA_P
ClientSampleId :
A4CLO

Tgt Ion:228 Resp: 66353
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.2 15.5 23.3

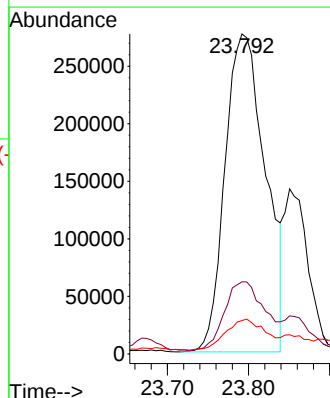
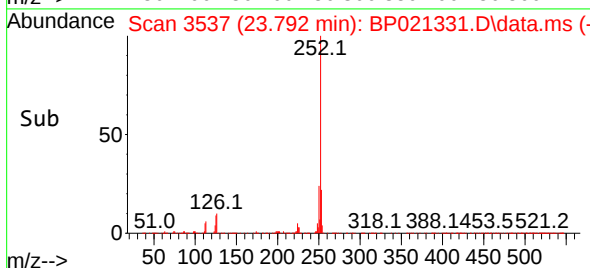
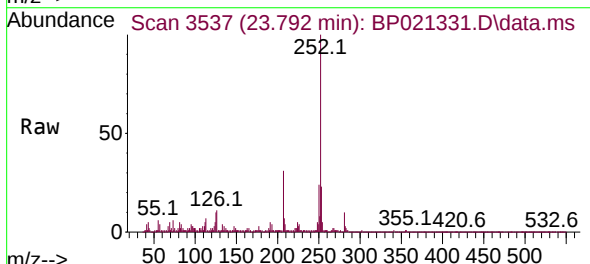
Manual Integrations
APPROVED

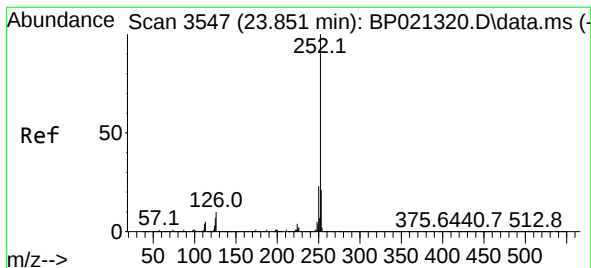
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#90
Benzo(b)fluoranthene
Concen: 16.086 ng/ul
RT: 23.792 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BP021331.D
Acq: 02 Aug 2024 22:26

Tgt Ion:252 Resp: 956870
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.5 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 4.844 ng/ul m

RT: 23.851 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP021331.D

Acq: 02 Aug 2024 22:26

Instrument :

BNA_P

ClientSampleId :

A4CLO

Tgt Ion:252 Resp: 28753

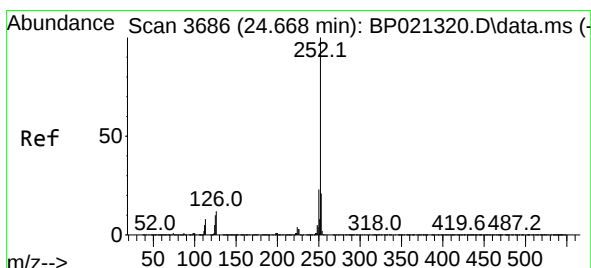
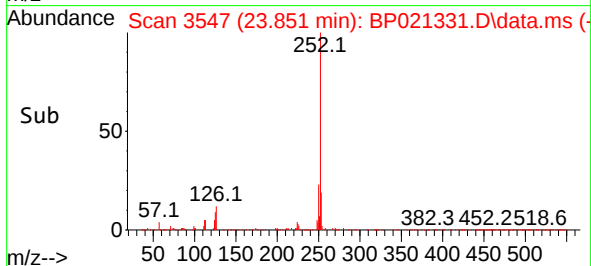
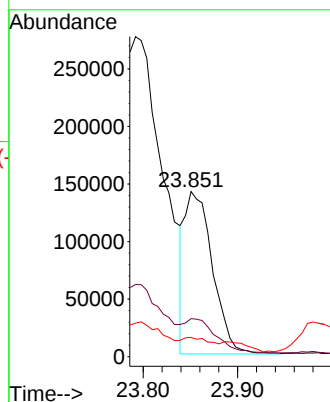
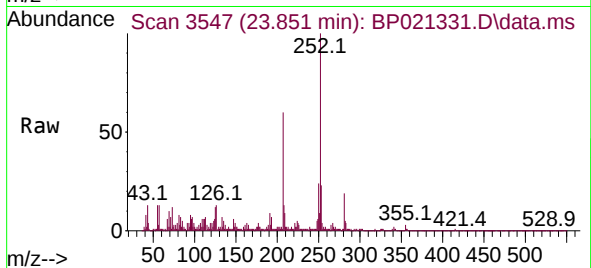
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	11.6	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#93

Benzo(a)pyrene

Concen: 6.696 ng/ul

RT: 24.680 min Scan# 3688

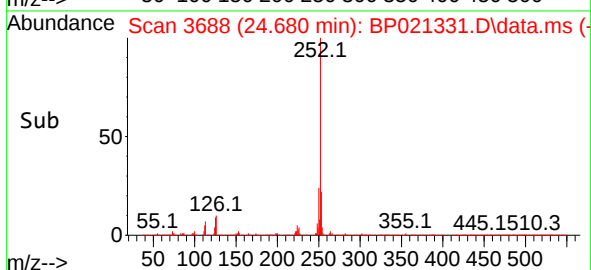
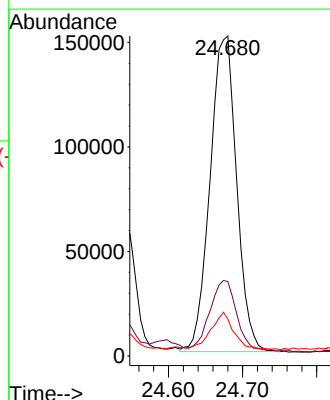
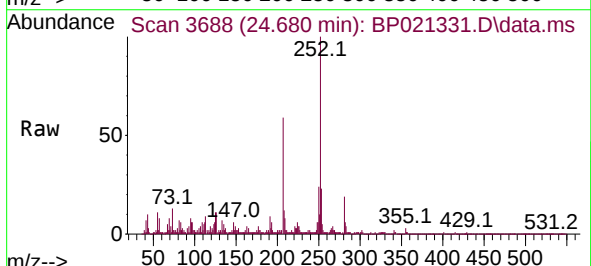
Delta R.T. 0.000 min

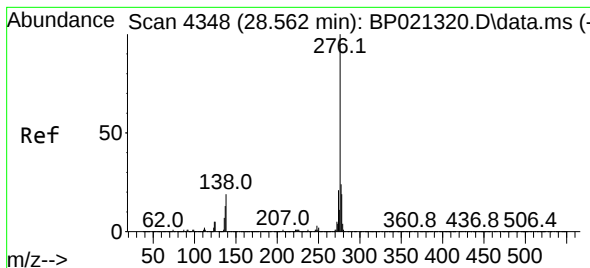
Lab File: BP021331.D

Acq: 02 Aug 2024 22:26

Tgt Ion:252 Resp: 376387

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.5	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.053 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. -0.006 min

Lab File: BP021331.D

Acq: 02 Aug 2024 22:26

Instrument :

BNA_P

ClientSampleId :

A4CLO

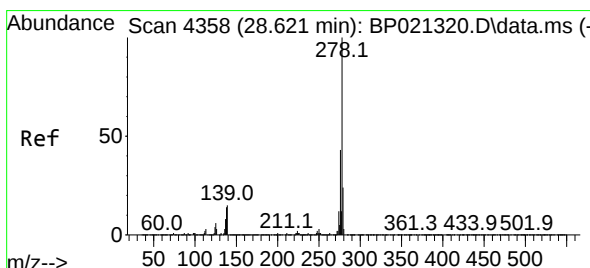
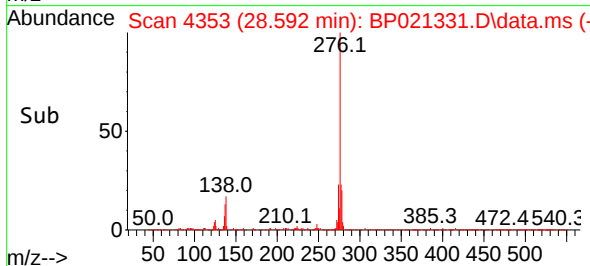
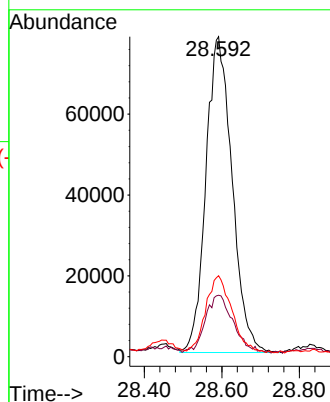
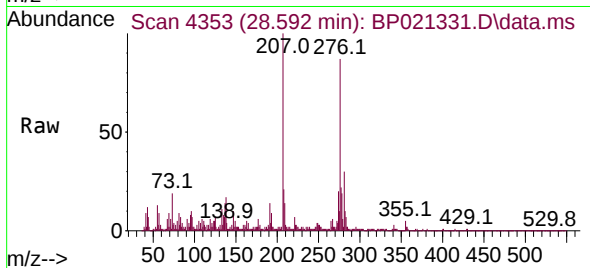
Tgt Ion:276 Resp: 366028
 Ion Ratio Lower Upper
 276 100
 138 19.2 14.3 21.5
 277 25.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.326 ng/ul m

RT: 28.633 min Scan# 4360

Delta R.T. -0.006 min

Lab File: BP021331.D

Acq: 02 Aug 2024 22:26

Tgt Ion:278 Resp: 139529
 Ion Ratio Lower Upper
 278 100
 139 19.0 10.9 16.3#
 279 31.3 19.4 29.0#

