

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021114.D
 Acq On : 24 Jul 2024 01:51
 Operator : MA/JU
 Sample : P3238-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 05:45:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	156407	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	648034	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	434413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	973053	20.000	ng/u1	-0.01
79) Chrysene-d12	21.568	240	938059	20.000	ng/u1	0.00
88) Perylene-d12	24.892	264	1113152	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13029	3.791	ng/uL	0.00
4) Pyridine-d5	3.622	84	35149	3.532	ng/u1	0.01
7) Phenol-d5	6.875	99	273294	21.432	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	157687	20.405	ng/u1	0.00
11) 2-Chlorophenol-d4	7.210	132	231244	22.010	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	208113	19.651	ng/u1	0.01
21) Nitrobenzene-d5	8.822	128	112966	22.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	131547	22.834	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	233370	22.402	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	215253m	15.598	ng/u1	0.01
46) Dimethylphthalate-d6	13.716	166	723721	22.917	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	837849	23.628	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	103000	22.924	ng/u1	0.01
60) Fluorene-d10	15.322	176	658295	25.409	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	52193	8.865	ng/u1	0.00
73) Anthracene-d10	17.222	188	1053575	24.378	ng/u1	0.00
81) Pyrene-d10	19.610	212	1213819	20.930	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.668	264	999674	18.209	ng/u1	-0.01
Target Compounds						
					Qvalue	
52) Acenaphthene	14.369	153	44072	1.654	ng/u1	99
61) Fluorene	15.381	166	48956	1.644	ng/u1	99
72) Phenanthrene	17.163	178	981957	19.453	ng/u1	99
74) Anthracene	17.257	178	170563	3.314	ng/u1	99
77) Carbazole	17.551	167	104736	2.490	ng/u1	99
80) Fluoranthene	19.257	202	1684490	24.051	ng/u1	99
82) Pyrene	19.639	202	1177723	16.525	ng/u1	100
83) Butylbenzylphthalate	20.574	149	64556	2.174	ng/u1	94
85) Benzo(a)anthracene	21.545	228	674932	10.271	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.457	149	188350	4.408	ng/u1#	99
87) Chrysene	21.616	228	705561	11.555	ng/u1	98
90) Benzo(b)fluoranthene	23.839	252	888510	13.153	ng/u1	96
91) Benzo(k)fluoranthene	23.904	252	346108m	5.134	ng/u1	
93) Benzo(a)pyrene	24.733	252	367384	5.755	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.662	276	340605	4.141	ng/u1	96
95) Dibenzo(a,h)anthracene	28.721	278	120656m	1.771	ng/u1	

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

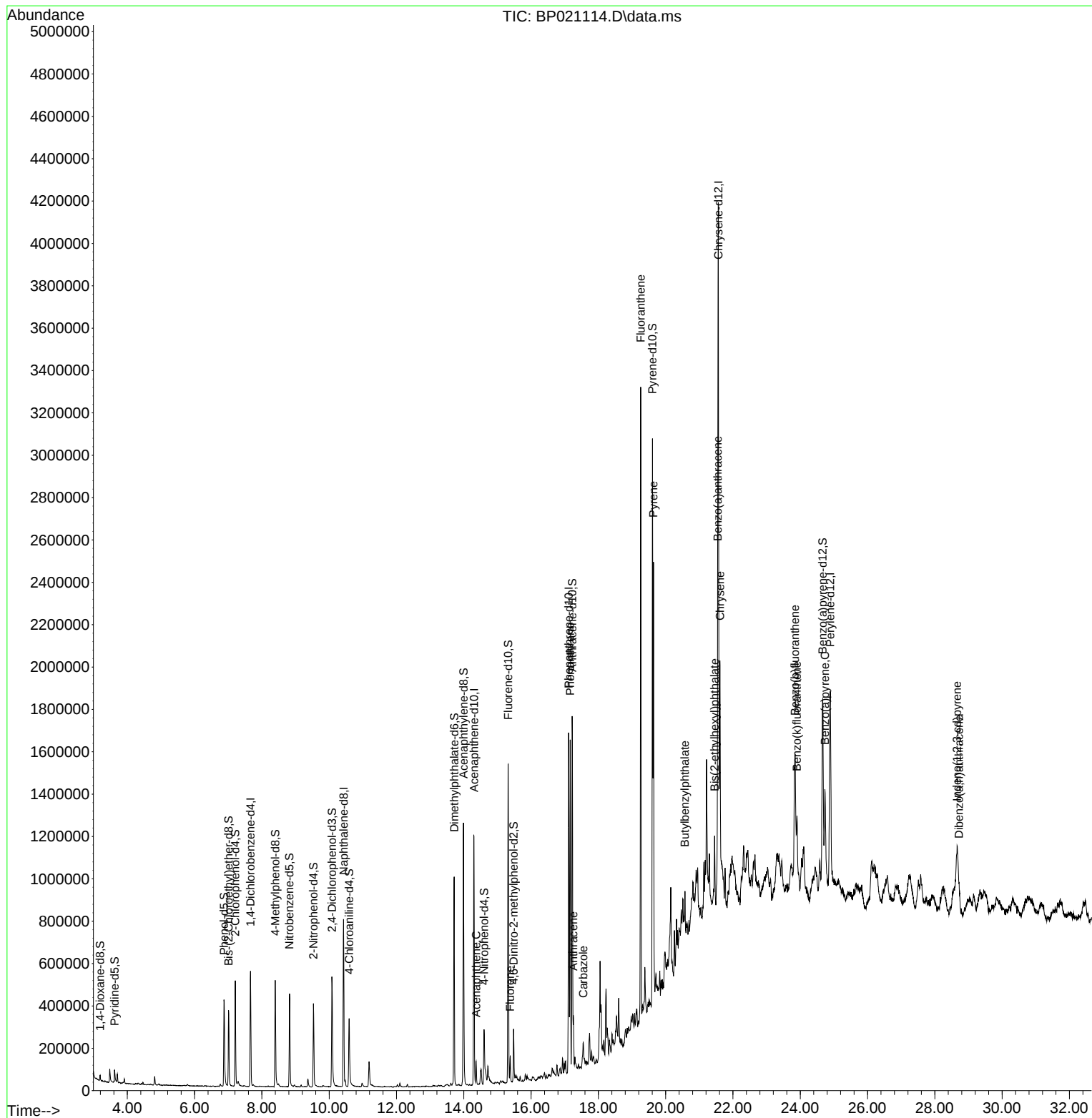
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021114.D
Acq On : 24 Jul 2024 01:51
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

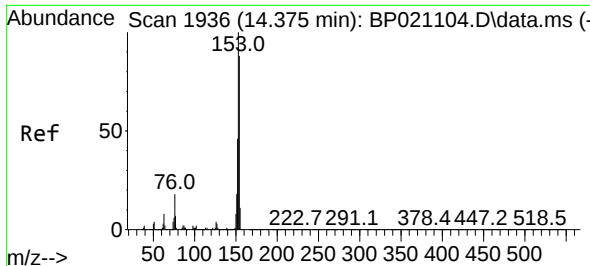
Instrument :
BNA_P
ClientSampleId :
A4BE9

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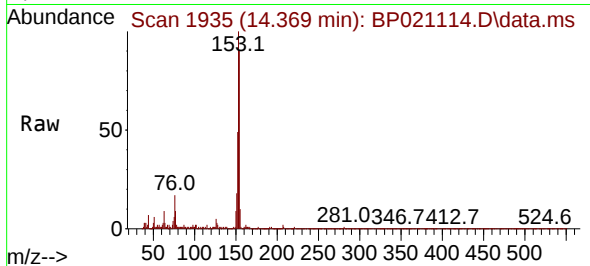
Quant Time: Jul 24 05:45:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
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#52
Acenaphthene
Concen: 1.654 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP021114.D
Acq: 24 Jul 2024 01:51

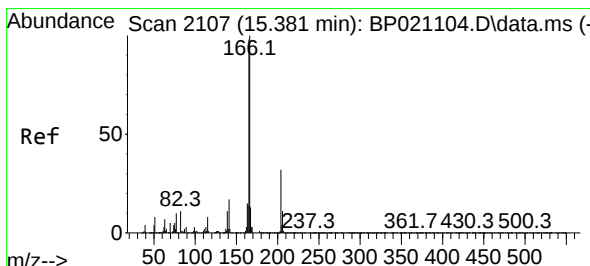
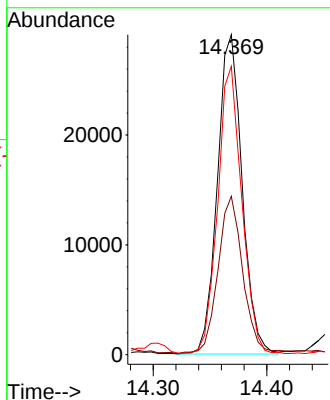
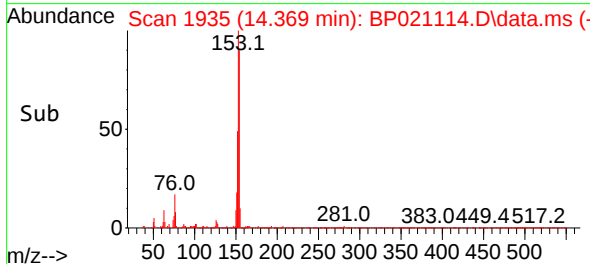
Instrument :
BNA_P
ClientSampleId :
A4BE9



Tgt Ion:153 Resp: 44072
Ion Ratio Lower Upper
153 100
152 49.5 37.8 56.6
154 90.1 71.8 107.6

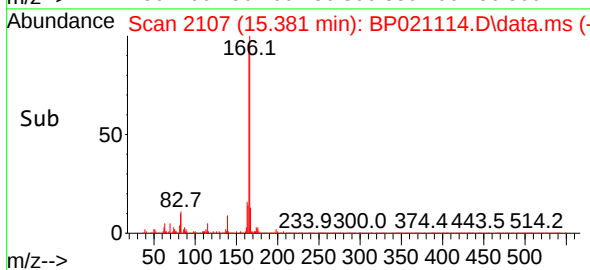
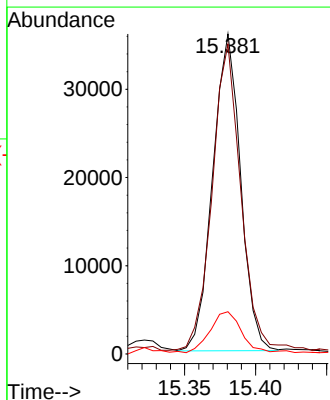
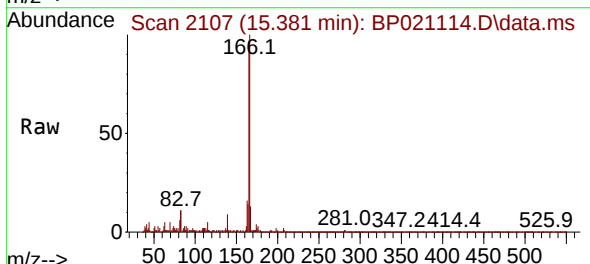
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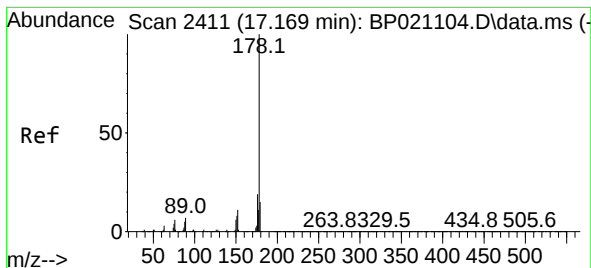
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#61
Fluorene
Concen: 1.644 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BP021114.D
Acq: 24 Jul 2024 01:51

Tgt Ion:166 Resp: 48956
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.2 10.9 16.3





#72

Phenanthrene

Concen: 19.453 ng/ul

RT: 17.163 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Instrument :

BNA_P

ClientSampleId :

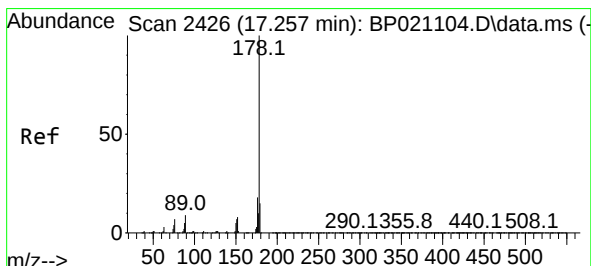
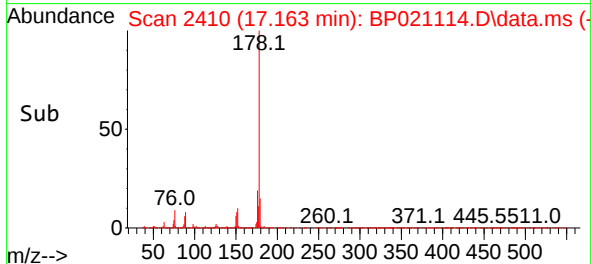
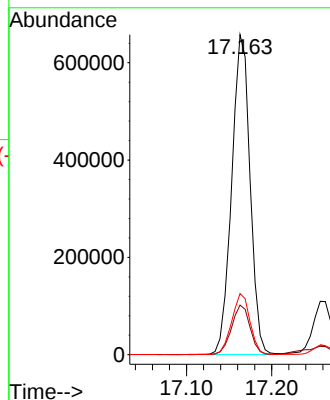
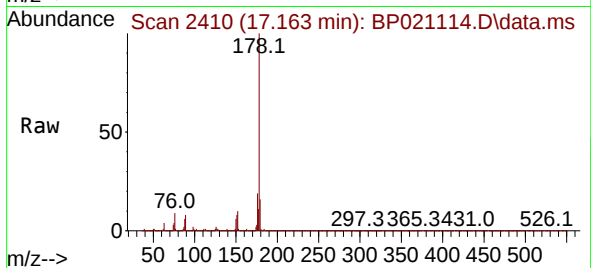
A4BE9

Tgt Ion:	178	Resp:	98195
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	19.1	15.0	22.4

Manual Integrations

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#74

Anthracene

Concen: 3.314 ng/ul

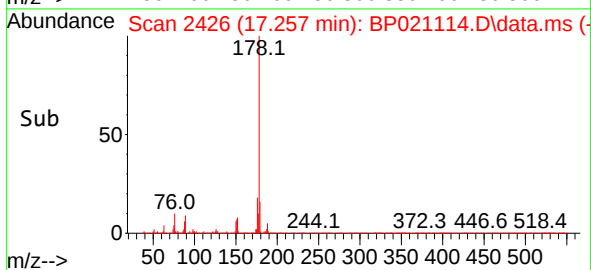
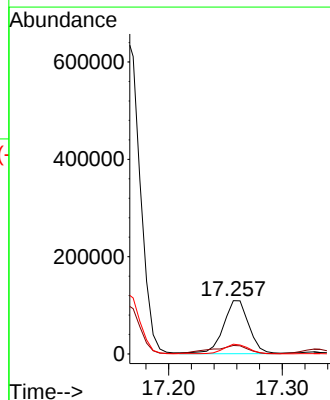
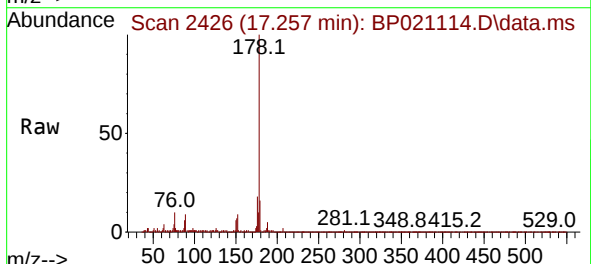
RT: 17.257 min Scan# 2426

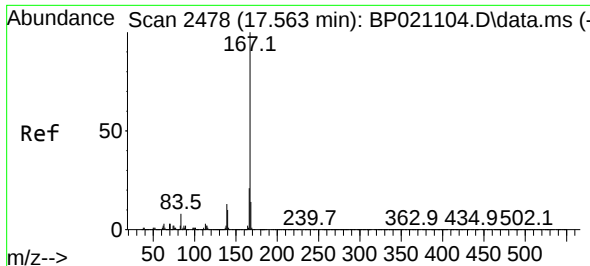
Delta R.T. -0.000 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Tgt Ion:	178	Resp:	170563
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.5	18.7
176	18.3	14.8	22.2





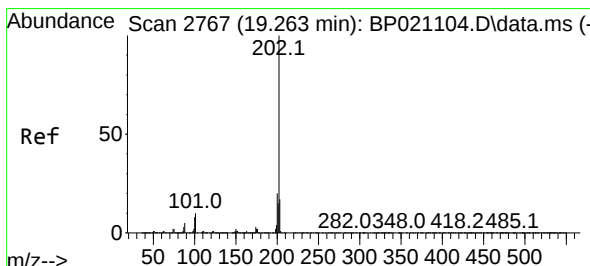
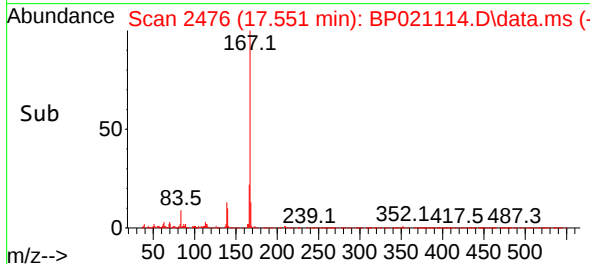
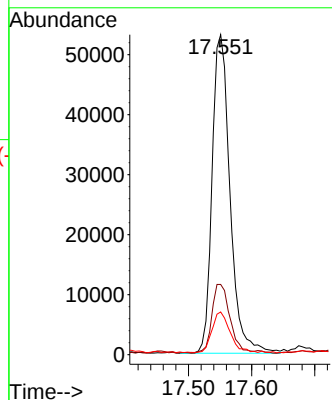
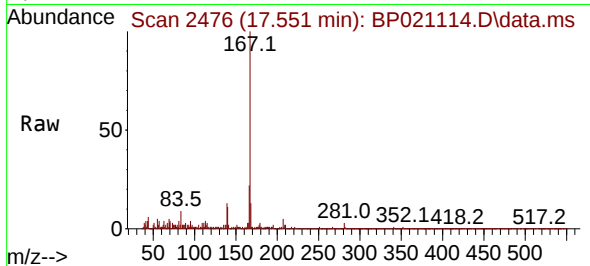
#77
 Carbazole
 Concen: 2.490 ng/ul
 RT: 17.551 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021114.D
 Acq: 24 Jul 2024 01:51

Instrument :
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Tgt Ion:167 Resp: 104730
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.4 10.2 15.2

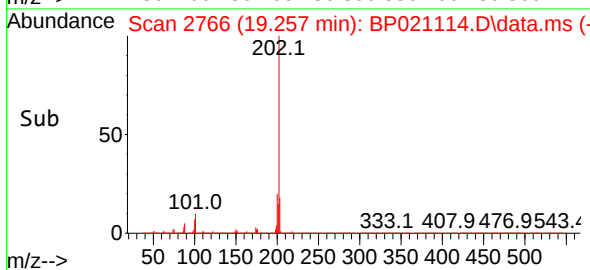
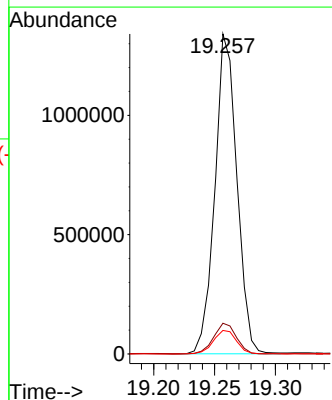
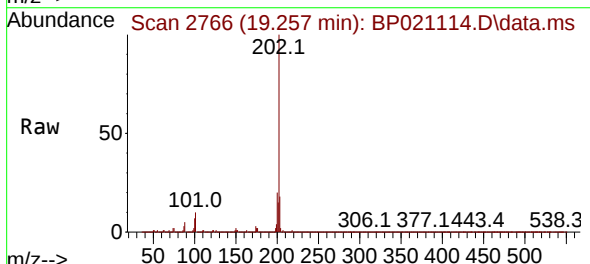
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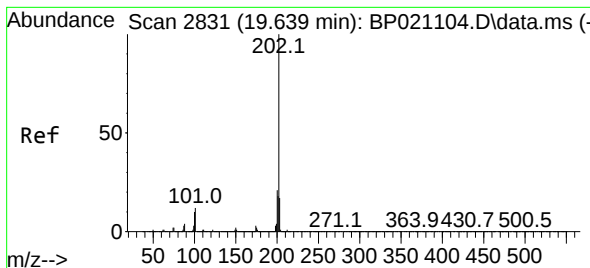
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 24.051 ng/ul
 RT: 19.257 min Scan# 2766
 Delta R.T. -0.006 min
 Lab File: BP021114.D
 Acq: 24 Jul 2024 01:51

Tgt Ion:202 Resp: 1684490
 Ion Ratio Lower Upper
 202 100
 101 9.6 8.0 12.0
 100 7.4 6.1 9.1





#82

Pyrene

Concen: 16.525 ng/ul

RT: 19.639 min Scan# 2831

Delta R.T. -0.000 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Instrument :

BNA_P

ClientSampleId :

A4BE9

Tgt Ion:202 Resp: 117772

Ion Ratio Lower Upper

202 100

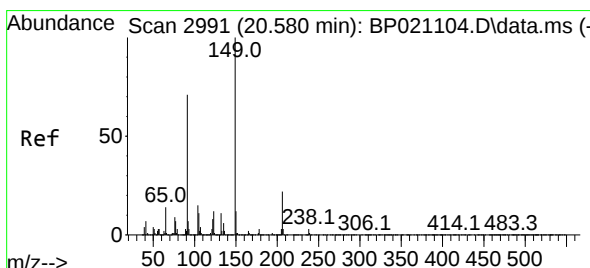
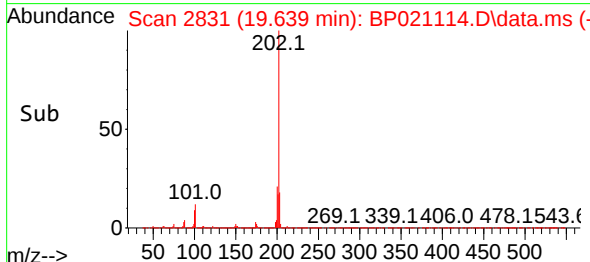
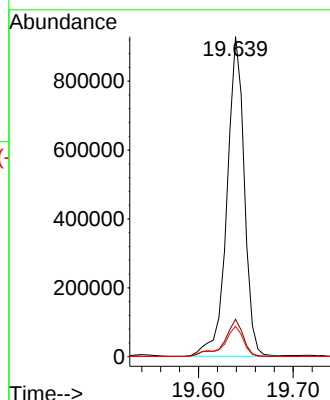
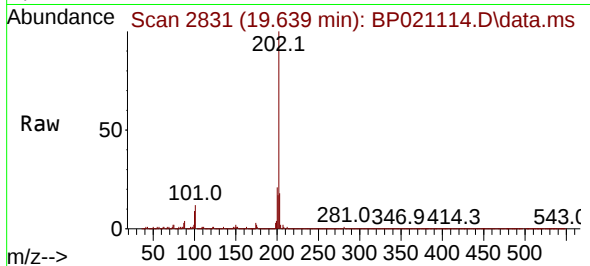
101 11.7 9.4 14.2

100 9.5 7.8 11.6

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#83

Butylbenzylphthalate

Concen: 2.174 ng/ul

RT: 20.574 min Scan# 2990

Delta R.T. -0.006 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

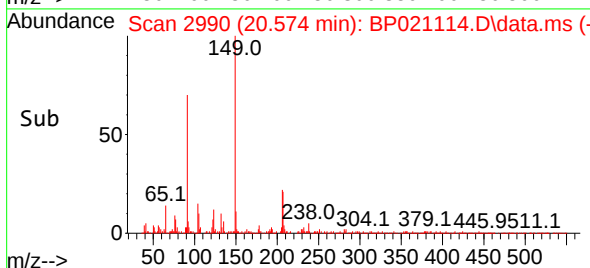
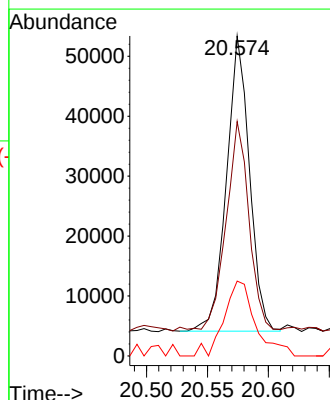
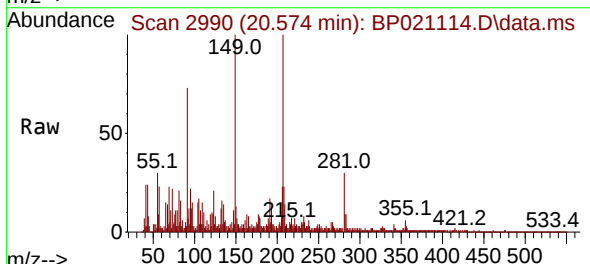
Tgt Ion:149 Resp: 64556

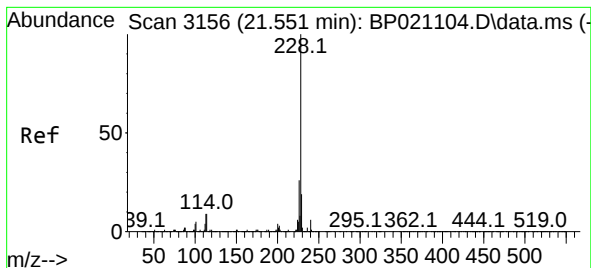
Ion Ratio Lower Upper

149 100

91 73.2 54.1 81.1

206 23.4 17.0 25.6





#85

Benzo(a)anthracene

Concen: 10.271 ng/ul

RT: 21.545 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Instrument :

BNA_P

ClientSampleId :

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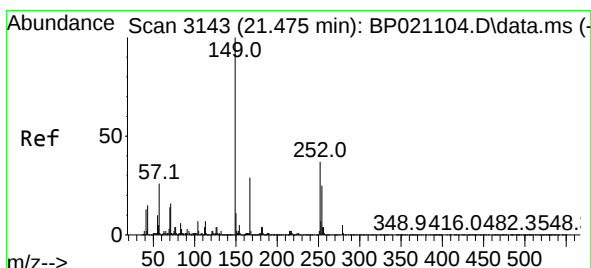
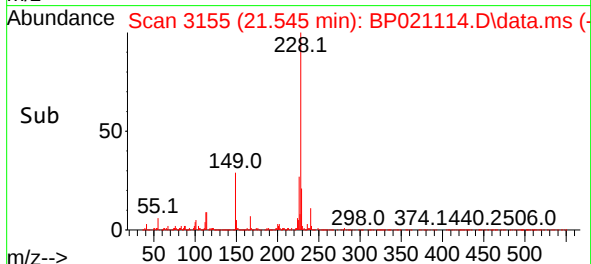
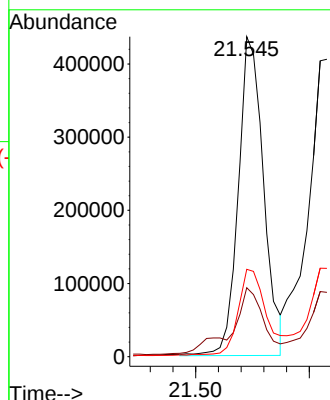
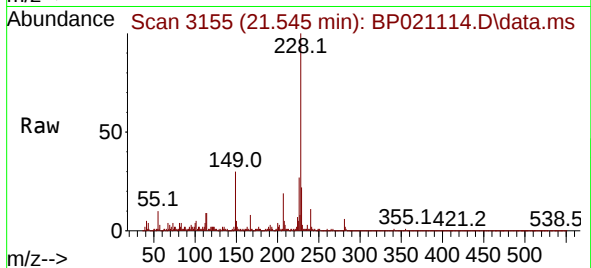
Tgt Ion:228 Resp: 67493

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.5	23.3
226	27.3	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 4.408 ng/ul

RT: 21.457 min Scan# 3140

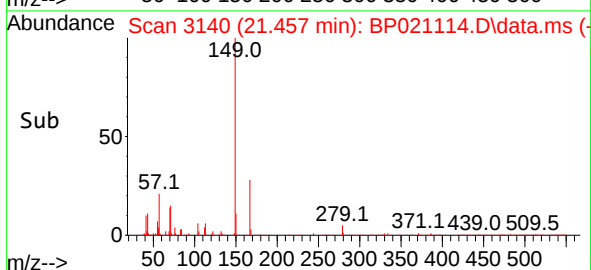
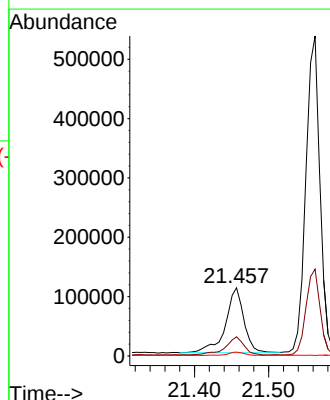
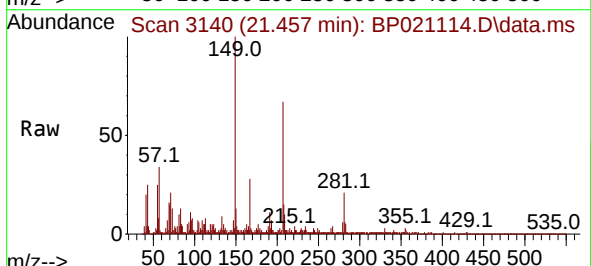
Delta R.T. -0.018 min

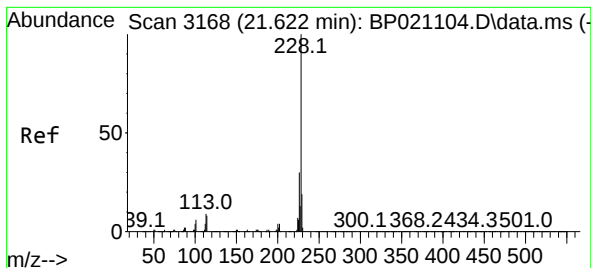
Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Tgt Ion:149 Resp: 188350

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.1	33.1
279	5.7	3.7	5.5





#87

Chrysene

Concen: 11.555 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Instrument :

BNA_P

ClientSampleId :

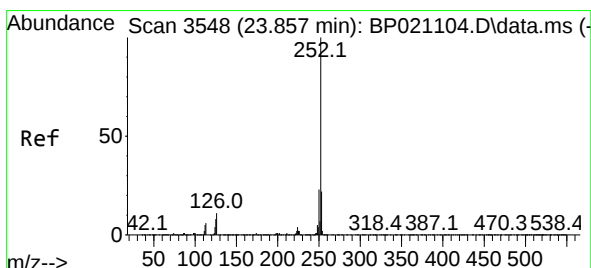
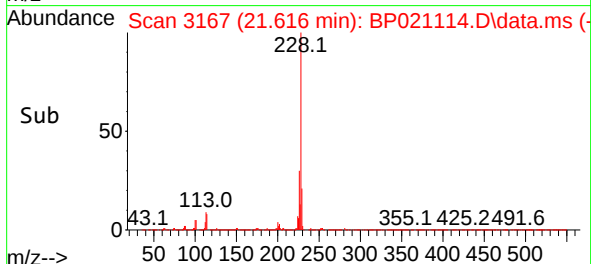
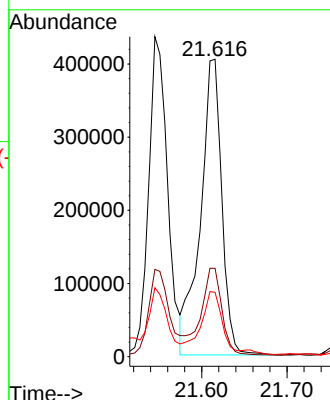
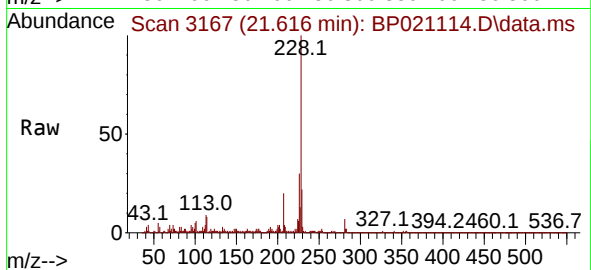
A4BE9

Tgt Ion:	228	Resp:	70556
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.6	35.4
229	21.6	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 13.153 ng/ul

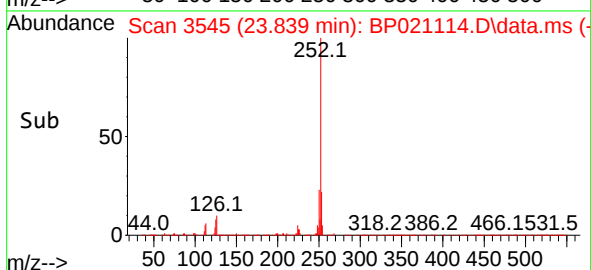
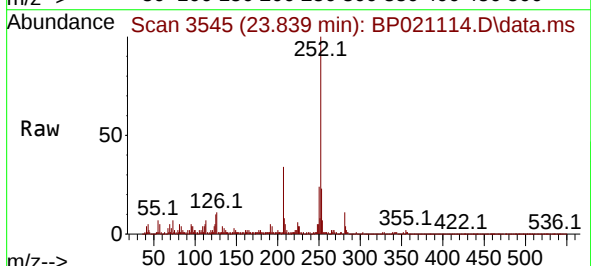
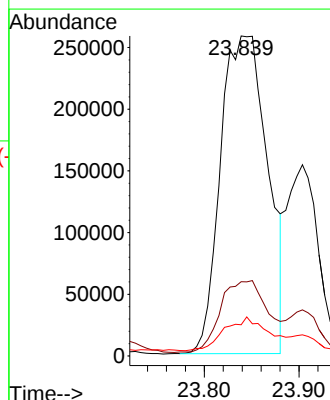
RT: 23.839 min Scan# 3545

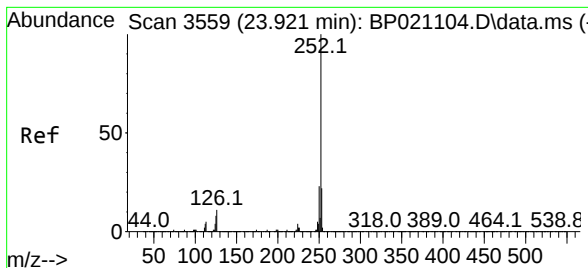
Delta R.T. -0.018 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Tgt Ion:	252	Resp:	888510
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	9.7	7.0	10.4





#91

Benzo(k)fluoranthene

Concen: 5.134 ng/ul m

RT: 23.904 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:252 Resp: 346108

Ion Ratio Lower Upper

252 100

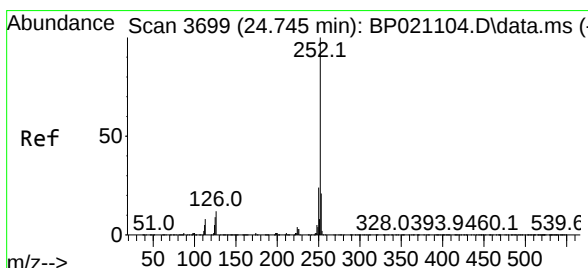
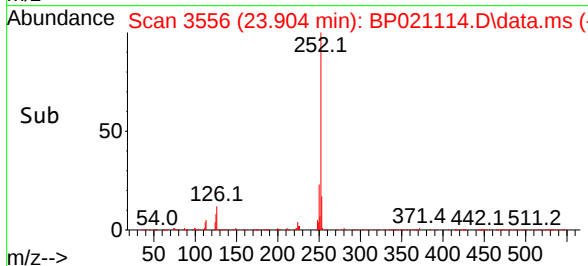
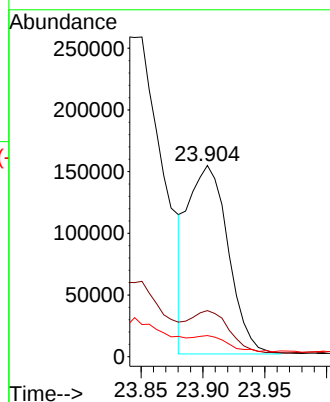
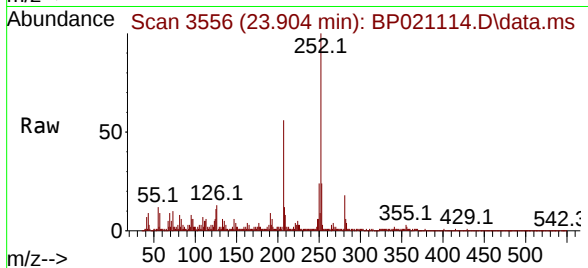
253 24.1 17.4 26.2

125 11.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#93

Benzo(a)pyrene

Concen: 5.755 ng/ul

RT: 24.733 min Scan# 3697

Delta R.T. -0.012 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

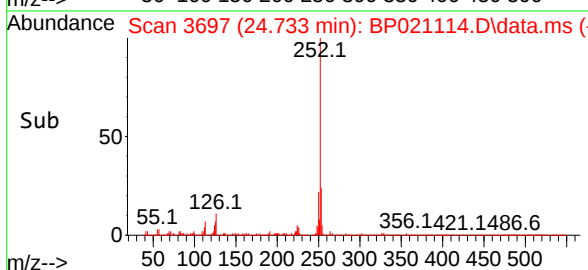
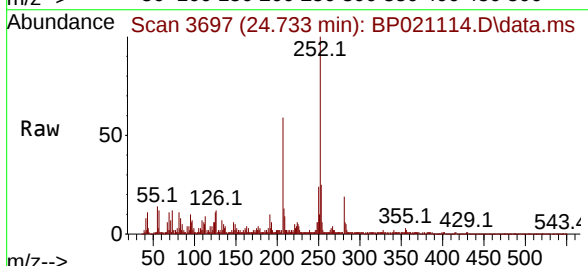
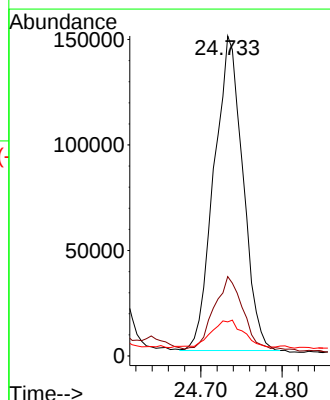
Tgt Ion:252 Resp: 367384

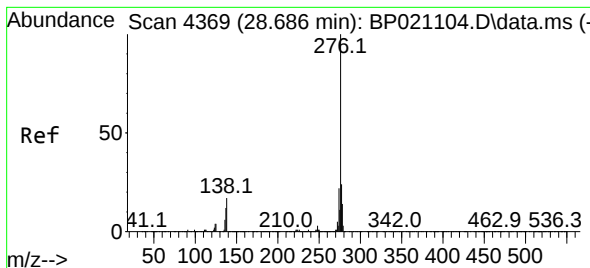
Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

125 10.6 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.141 ng/ul

RT: 28.662 min Scan# 4369

Delta R.T. -0.024 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Instrument :

BNA_P

ClientSampleId :

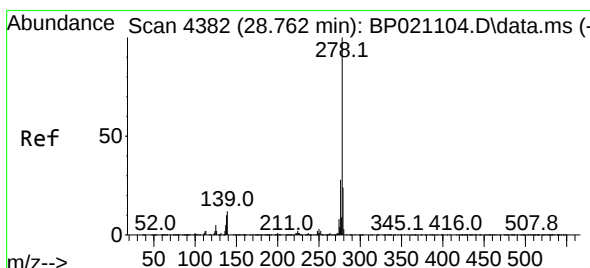
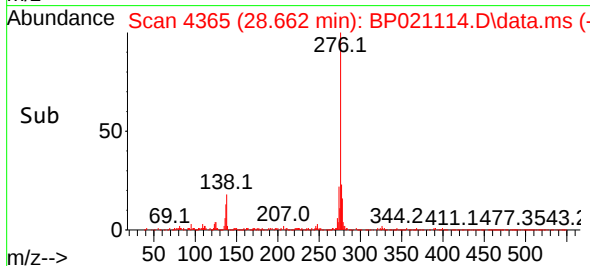
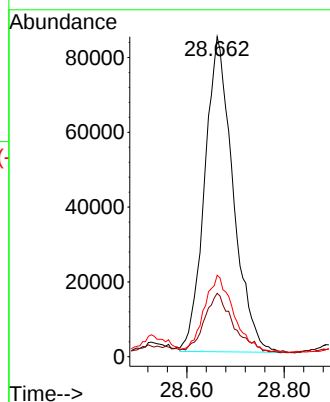
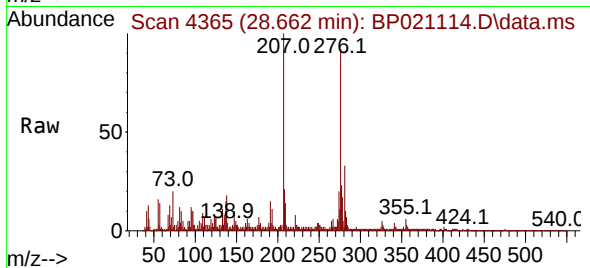
A4BE9

Tgt Ion:	276	Resp:	34060
Ion Ratio	Lower	Upper	
276	100		
138	19.8	14.3	21.5
277	25.5	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.771 ng/ul m

RT: 28.721 min Scan# 4375

Delta R.T. -0.041 min

Lab File: BP021114.D

Acq: 24 Jul 2024 01:51

Tgt Ion:	278	Resp:	120656
Ion Ratio	Lower	Upper	
278	100		
139	21.7	10.9	16.3#
279	34.0	19.4	29.0#

