

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021322.D
 Acq On : 02 Aug 2024 15:32
 Operator : CG/JU
 Sample : P3265-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D22

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 16:21:12 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	7.622	152	156749	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.393	136	614982	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	391559	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	898233	20.000	ng/u1	-0.01
79) Chrysene-d12	21.527	240	944664	20.000	ng/u1	0.00
88) Perylene-d12	24.827	264	1158167	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	9223	2.678	ng/uL	0.00
4) Pyridine-d5	3.634	84	10864m	1.089	ng/u1	0.04
7) Phenol-d5	6.858	99	167384	13.098	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	105805	13.662	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	144264	13.702	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	129866	12.236	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	65125	13.634	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	70585	12.911	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	128941	13.043	ng/u1	0.04
31) 4-Chloroaniline-d4	10.610	131	19895m	1.519	ng/u1	0.05
46) Dimethylphthalate-d6	13.675	166	431543	15.161	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	484398	15.156	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	54416m	13.436	ng/u1	0.04
60) Fluorene-d10	15.287	176	397687	17.030	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	54737	10.072	ng/u1	0.01
73) Anthracene-d10	17.186	188	645323	16.176	ng/u1	0.00
81) Pyrene-d10	19.575	212	791731	13.556	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.592	264	731907	12.813	ng/u1	0.00
Target Compounds	Qvalue					
50) Acenaphthylene	13.987	152	41701	1.152	ng/u1	98
52) Acenaphthene	14.328	153	43581	1.814	ng/u1	95
56) Dibenzofuran	14.687	168	36598	1.113	ng/u1	97
61) Fluorene	15.345	166	48065	1.791	ng/u1	98
72) Phenanthrene	17.128	178	1092121	23.438	ng/u1	100
74) Anthracene	17.228	178	210314m	4.427	ng/u1	
77) Carbazole	17.534	167	127419	3.281	ng/u1	99
80) Fluoranthene	19.228	202	2327758	33.004	ng/u1	100
82) Pyrene	19.604	202	1846317	25.725	ng/u1	99
85) Benzo(a)anthracene	21.510	228	1108837	16.756	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	338827	7.874	ng/u1	98
87) Chrysene	21.575	228	1282200	20.852	ng/u1	98
90) Benzo(b)fluoranthene	23.786	252	1805694	25.692	ng/u1	97
91) Benzo(k)fluoranthene	23.851	252	618852	8.823	ng/u1	97
93) Benzo(a)pyrene	24.668	252	785433	11.826	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.598	276	777477m	9.084	ng/u1	
95) Dibenzo(a,h)anthracene	28.609	278	235531	3.323	ng/u1#	94
96) Benzo(g,h,i)perylene	29.768	276	127125m	1.824	ng/u1	

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

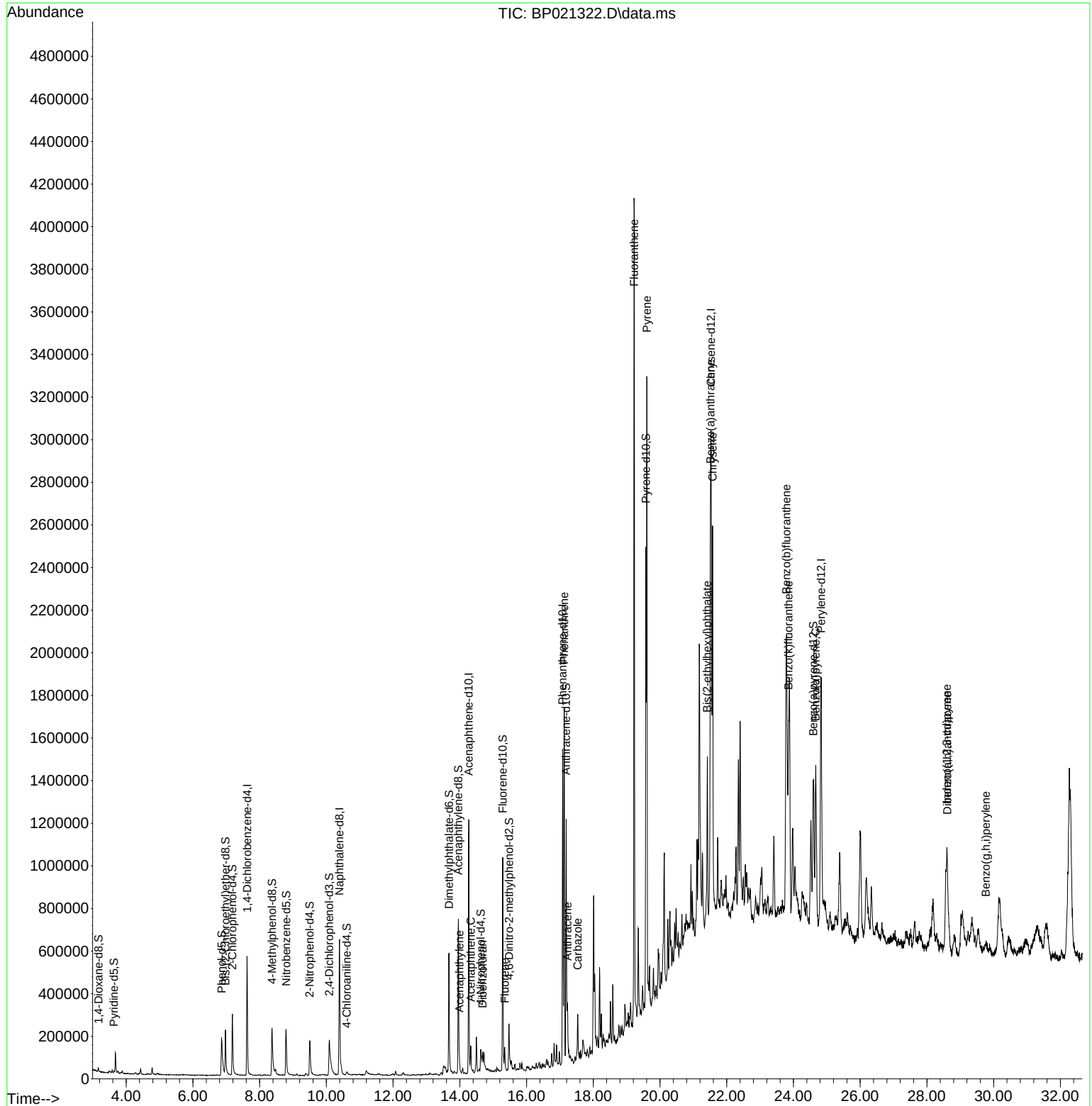
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
Data File : BP021322.D
Acq On : 02 Aug 2024 15:32
Operator : CG/JU
Sample : P3265-05
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ALS Vial : 4 Sample Multiplier: 1

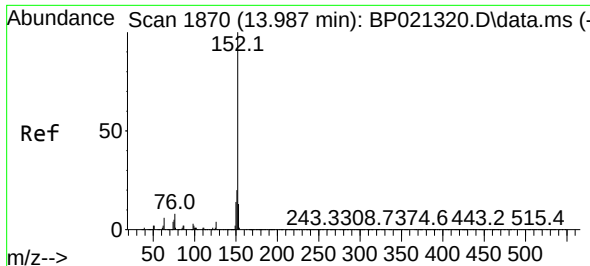
Instrument :
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A4D22

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Quant Time: Aug 02 16:21:12 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





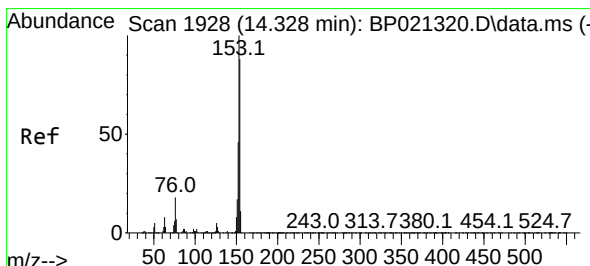
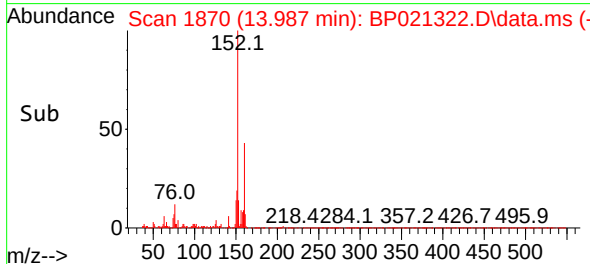
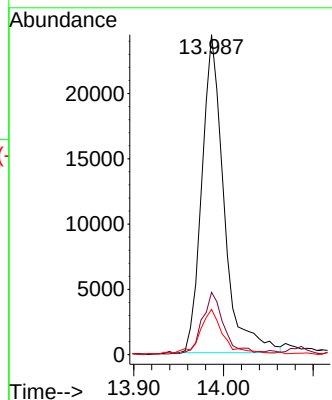
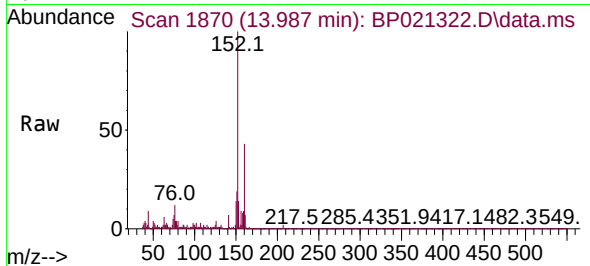
#50
Acenaphthylene
Concen: 1.152 ng/ul
RT: 13.987 min Scan# 1870
Delta R.T. -0.005 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

Instrument :
BNA_P
ClientSampleId :
A4D22

Tgt Ion:152 Resp: 4170
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 14.2 10.3 15.5

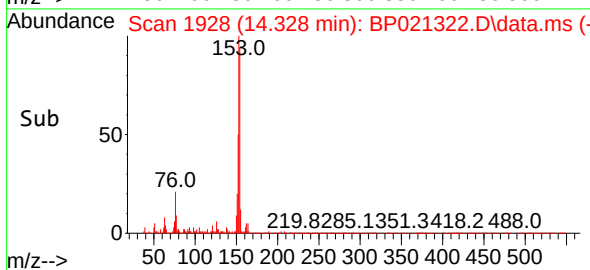
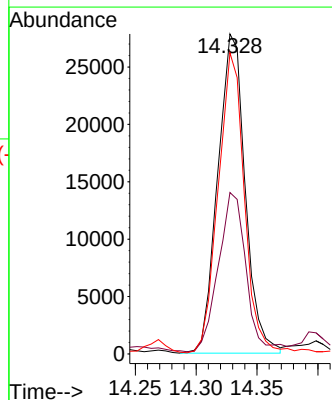
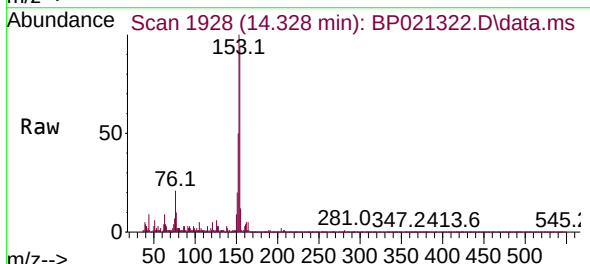
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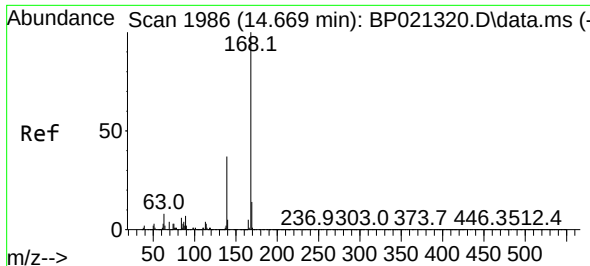
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#52
Acenaphthene
Concen: 1.814 ng/ul
RT: 14.328 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

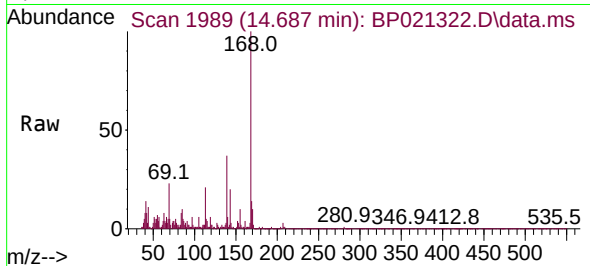
Tgt Ion:153 Resp: 43581
Ion Ratio Lower Upper
153 100
152 50.5 37.8 56.6
154 94.1 71.8 107.6





#56
Dibenzenofuran
Concen: 1.113 ng/ul
RT: 14.687 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

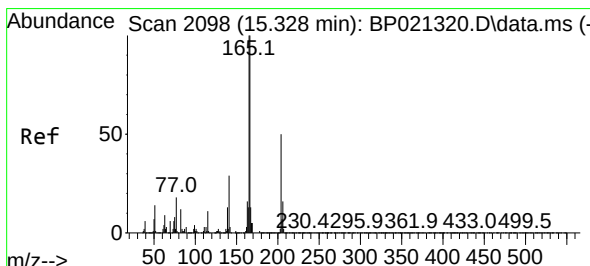
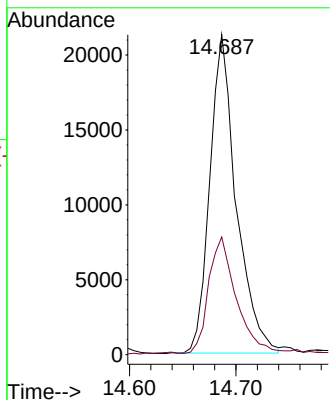
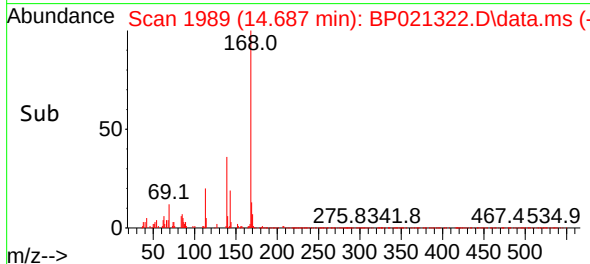
Instrument :
BNA_P
ClientSampleId :
A4D22



Tgt Ion:168 Resp: 36598
Ion Ratio Lower Upper
168 100
139 36.8 31.1 46.7

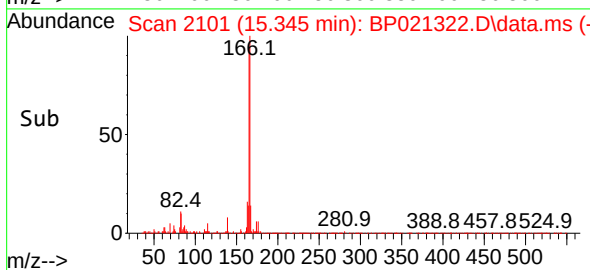
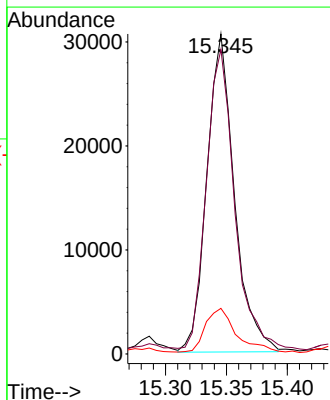
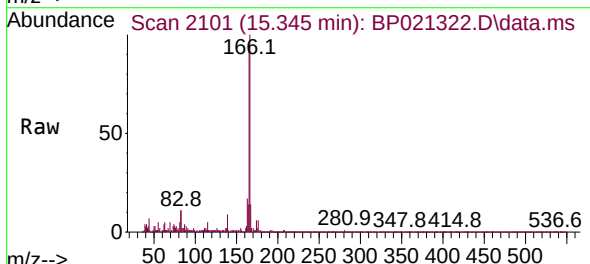
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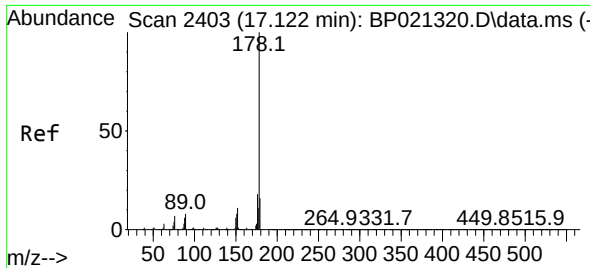
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#61
Fluorene
Concen: 1.791 ng/ul
RT: 15.345 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

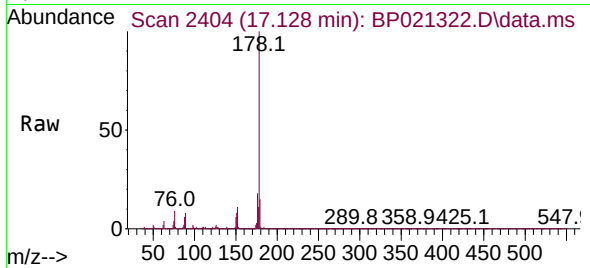
Tgt Ion:166 Resp: 48065
Ion Ratio Lower Upper
166 100
165 95.2 78.1 117.1
167 14.2 10.9 16.3





#72
Phenanthrene
Concen: 23.438 ng/ul
RT: 17.128 min Scan# 2403
Delta R.T. -0.005 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

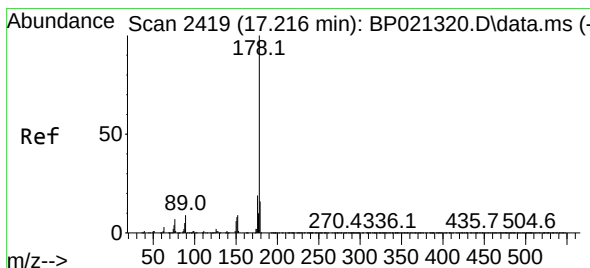
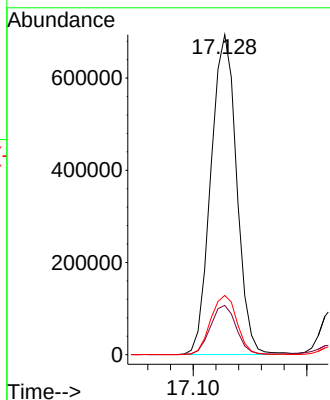
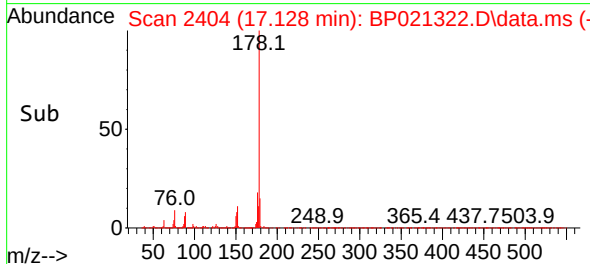
Instrument :
BNA_P
ClientSampleId :
A4D22



Tgt Ion:178 Resp: 109212
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.5 15.0 22.4

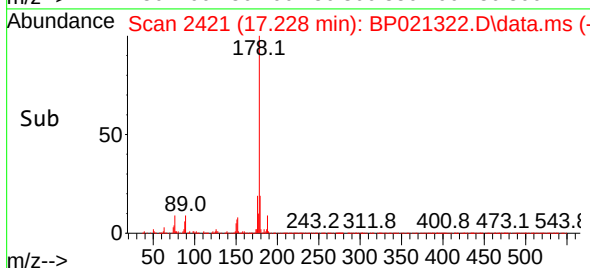
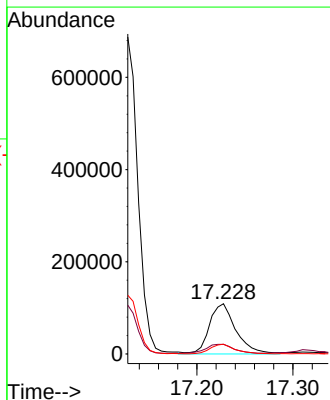
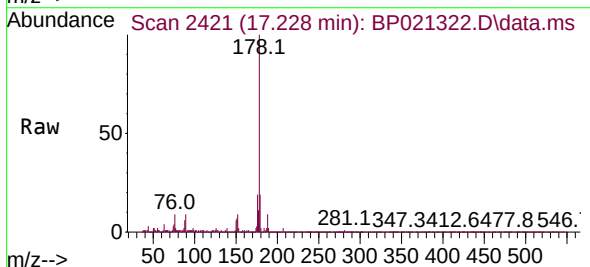
Manual Integrations
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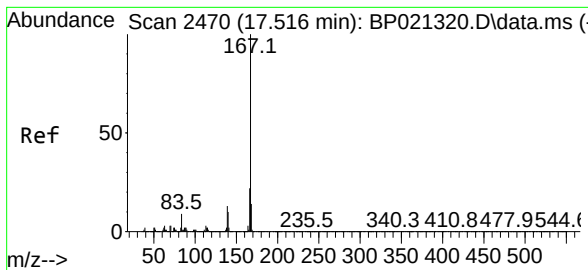
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#74
Anthracene
Concen: 4.427 ng/ul m
RT: 17.228 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

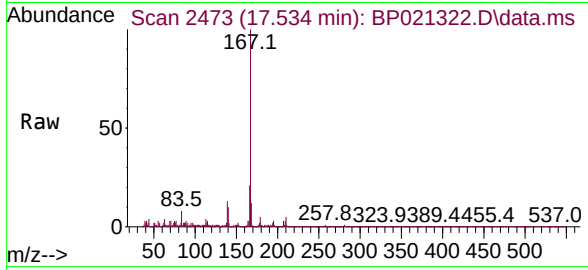
Tgt Ion:178 Resp: 210314
Ion Ratio Lower Upper
178 100
179 19.2 12.5 18.7#
176 19.3 14.8 22.2





#77
 Carbazole
 Concen: 3.281 ng/ul
 RT: 17.534 min Scan# 2470
 Delta R.T. 0.012 min
 Lab File: BP021322.D
 Acq: 02 Aug 2024 15:32

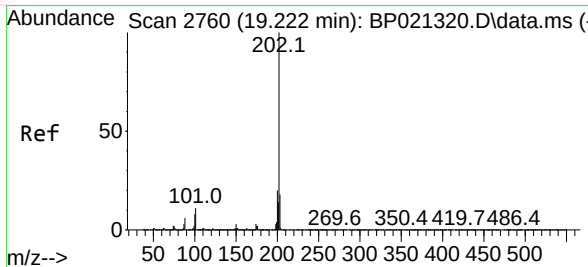
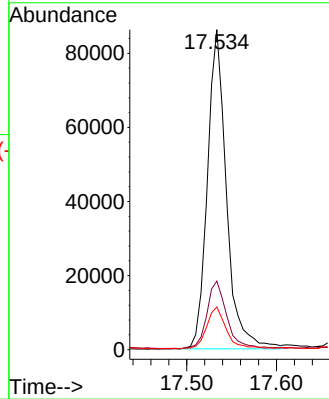
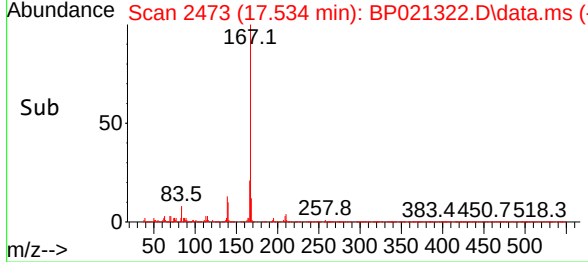
Instrument :
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 ClientSampleId :
 A4D22



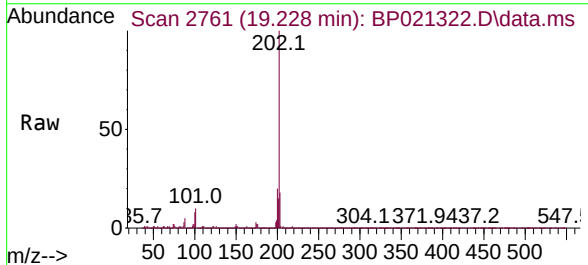
Tgt Ion:167 Resp: 127419
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.3 10.2 15.2

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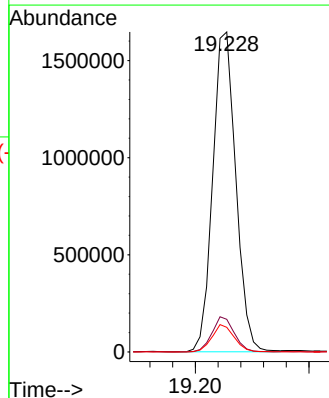
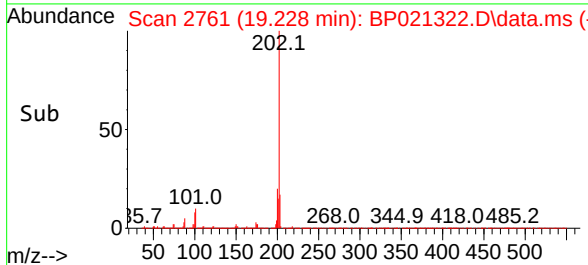
Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

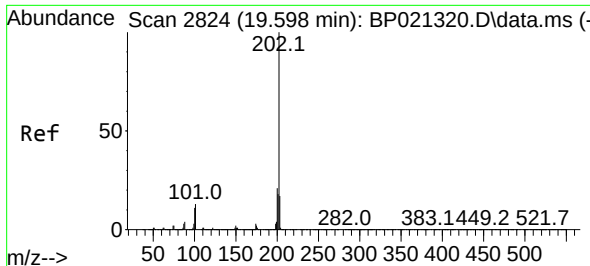


#80
 Fluoranthene
 Concen: 33.004 ng/ul
 RT: 19.228 min Scan# 2761
 Delta R.T. -0.005 min
 Lab File: BP021322.D
 Acq: 02 Aug 2024 15:32



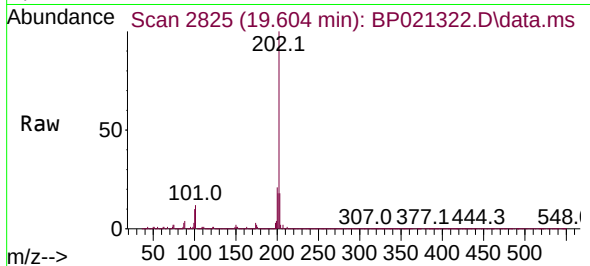
Tgt Ion:202 Resp: 2327758
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.0 12.0
 100 7.7 6.1 9.1





#82
Pyrene
Concen: 25.725 ng/ul
RT: 19.604 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

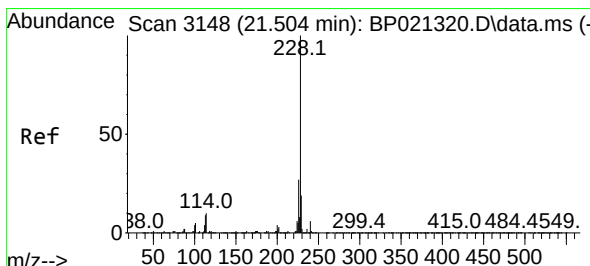
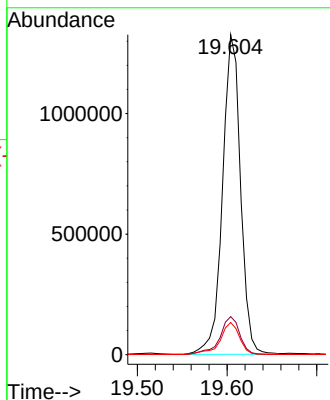
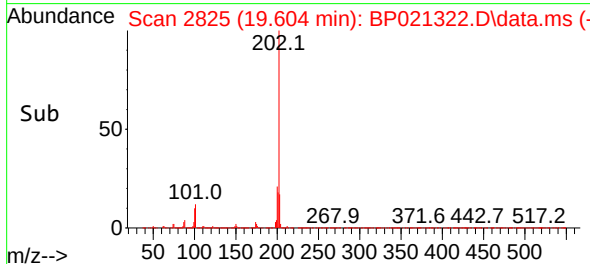
Instrument :
BNA_P
ClientSampleId :
A4D22



Tgt Ion:202 Resp: 184631
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 10.1 7.8 11.6

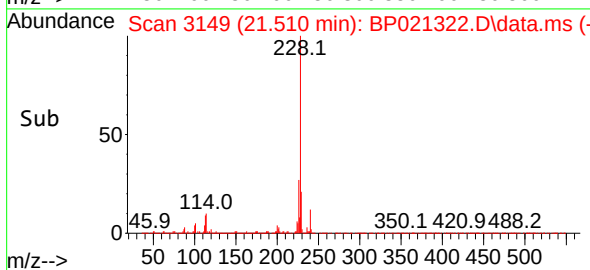
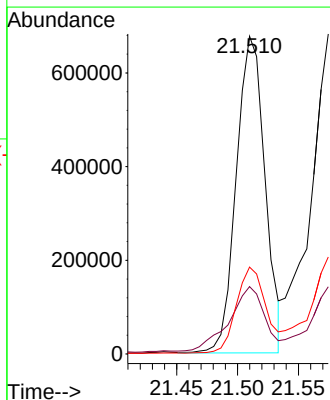
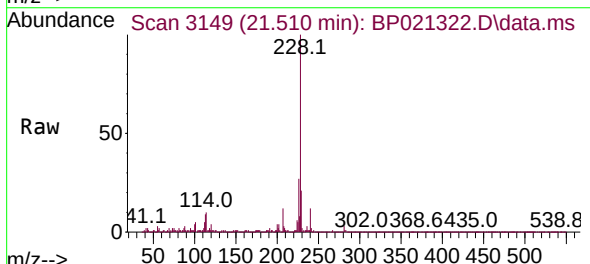
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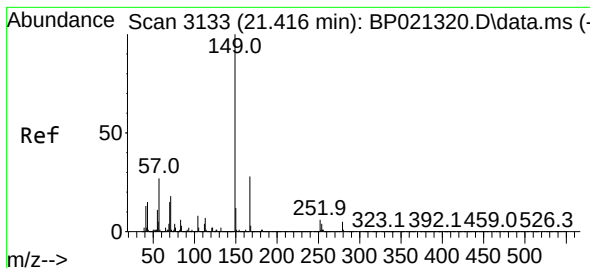
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#85
Benzo(a)anthracene
Concen: 16.756 ng/ul
RT: 21.510 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

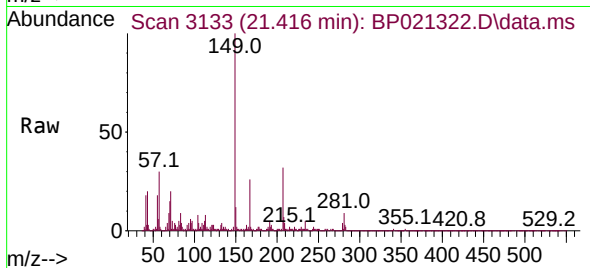
Tgt Ion:228 Resp: 1108837
Ion Ratio Lower Upper
228 100
229 21.2 15.5 23.3
226 27.4 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.874 ng/ul
RT: 21.416 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

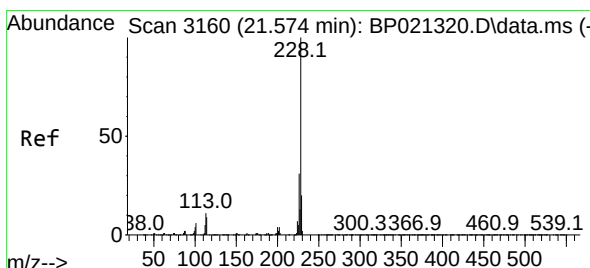
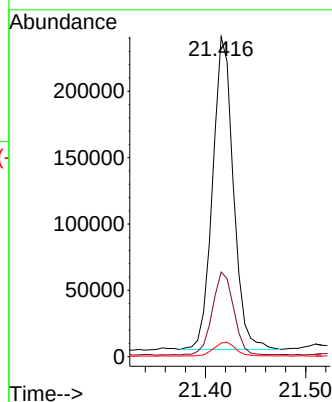
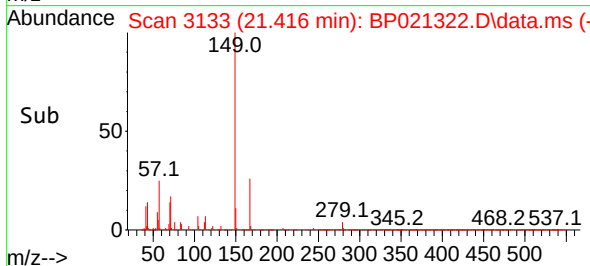
Instrument :
BNA_P
ClientSampleId :
A4D22



Tgt Ion:149 Resp: 33882
Ion Ratio Lower Upper
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167 26.4 22.1 33.1
279 4.3 3.7 5.5

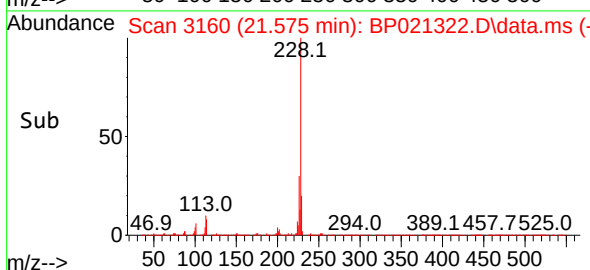
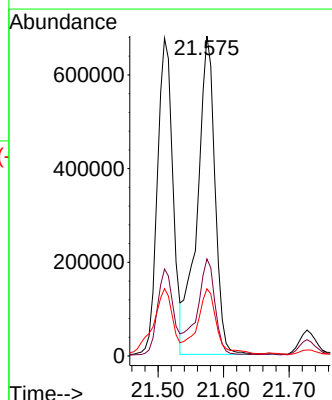
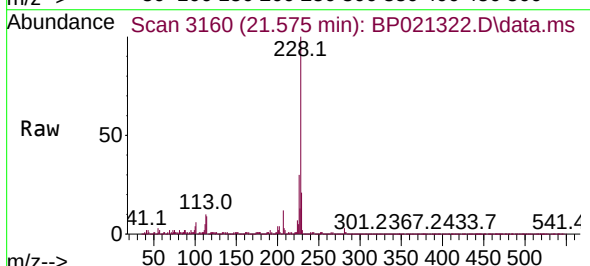
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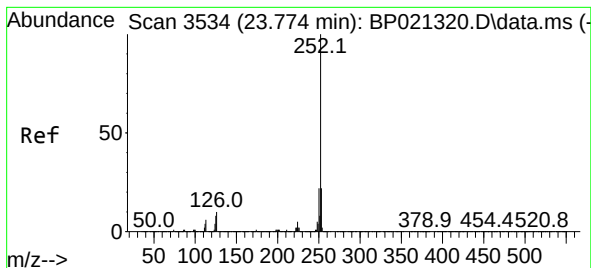
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/05/2024



#87
Chrysene
Concen: 20.852 ng/ul
RT: 21.575 min Scan# 3160
Delta R.T. -0.011 min
Lab File: BP021322.D
Acq: 02 Aug 2024 15:32

Tgt Ion:228 Resp: 1282200
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.0 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 25.692 ng/ul

RT: 23.786 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP021322.D

Acq: 02 Aug 2024 15:32

Instrument :

BNA_P

ClientSampleId :

A4D22

Tgt Ion:252 Resp: 1805694

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

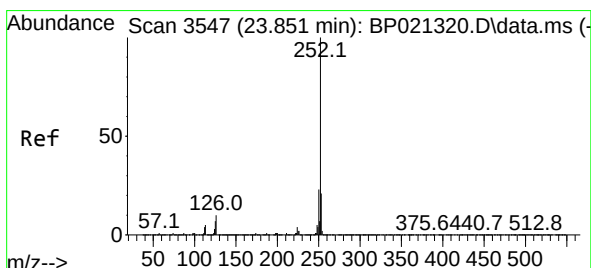
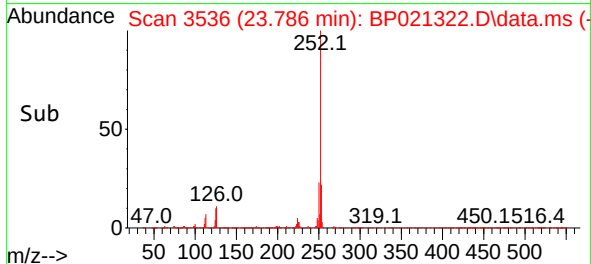
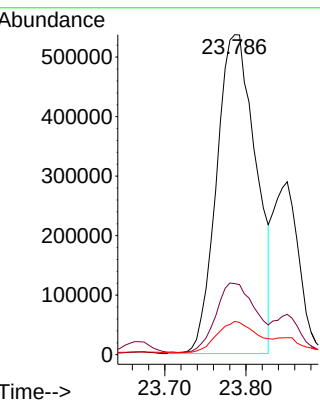
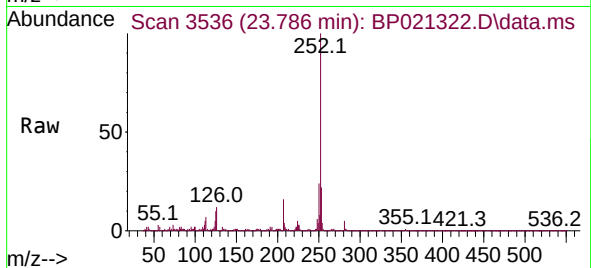
125 10.4 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#91

Benzo(k)fluoranthene

Concen: 8.823 ng/ul

RT: 23.851 min Scan# 3547

Delta R.T. 0.000 min

Lab File: BP021322.D

Acq: 02 Aug 2024 15:32

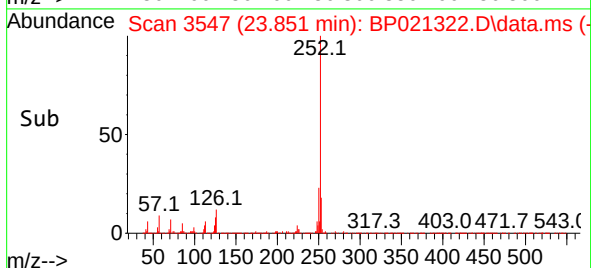
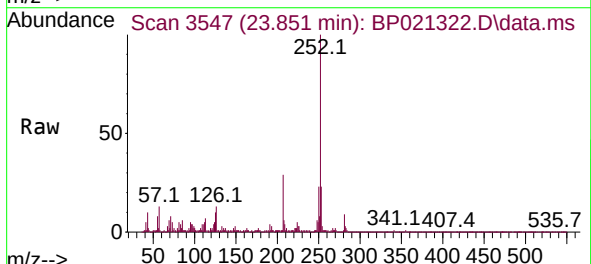
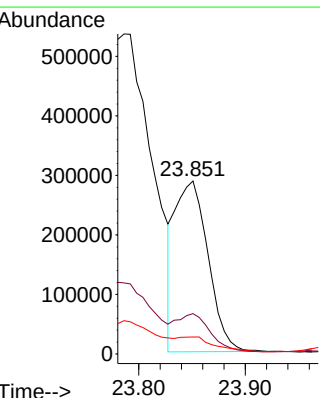
Tgt Ion:252 Resp: 618852

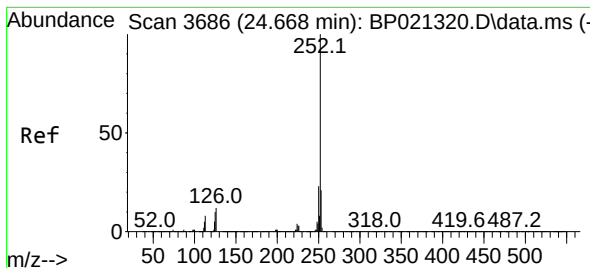
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 9.8 7.4 11.0





#93

Benzo(a)pyrene

Concen: 11.826 ng/ul

RT: 24.668 min Scan# 30

Delta R.T. -0.011 min

Lab File: BP021322.D

Acq: 02 Aug 2024 15:32

Instrument :

BNA_P

ClientSampleId :

A4D22

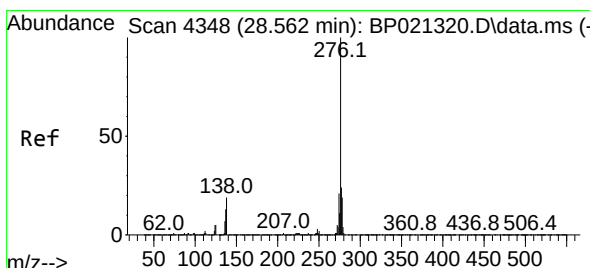
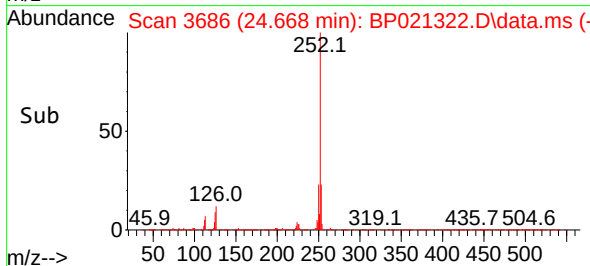
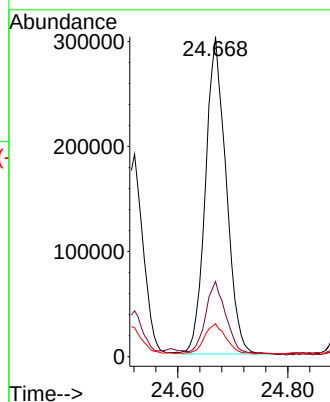
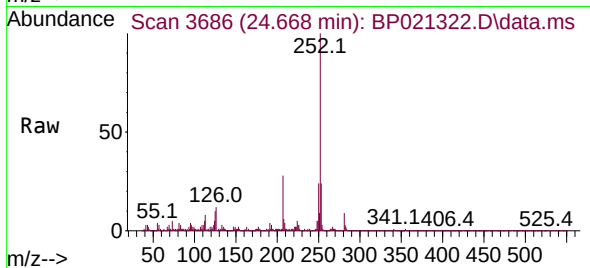
Tgt Ion:	252	Resp:	78543
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.0
125	10.3	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.084 ng/ul m

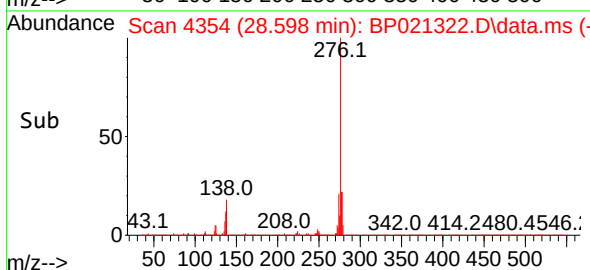
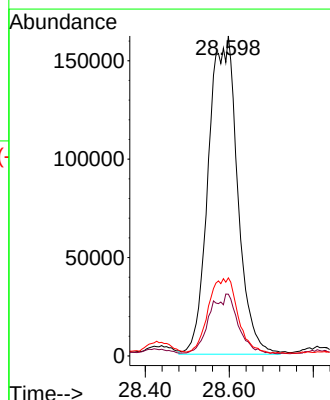
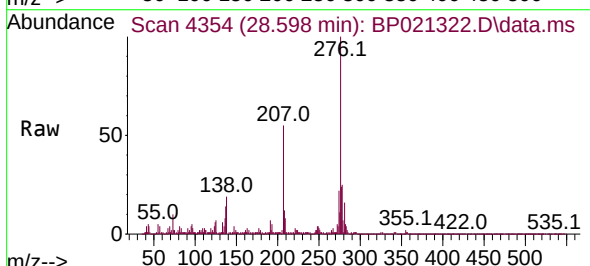
RT: 28.598 min Scan# 4354

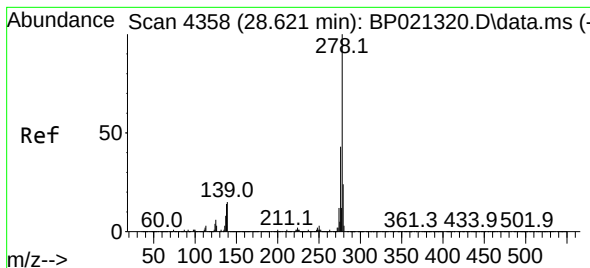
Delta R.T. 0.000 min

Lab File: BP021322.D

Acq: 02 Aug 2024 15:32

Tgt Ion:	276	Resp:	777477
Ion Ratio	Lower	Upper	
276	100		
138	19.3	14.3	21.5
277	24.4	19.2	28.8





#95

Dibenzo(a,h)anthracene

Concen: 3.323 ng/ul

RT: 28.609 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP021322.D

Acq: 02 Aug 2024 15:32

Instrument :

BNA_P

ClientSampleId :

A4D22

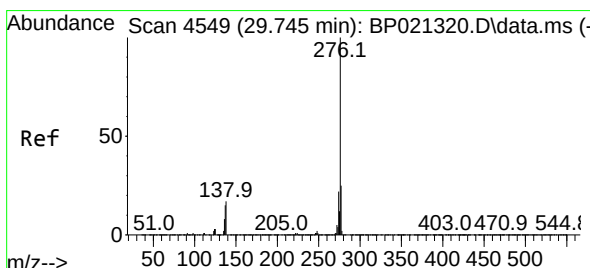
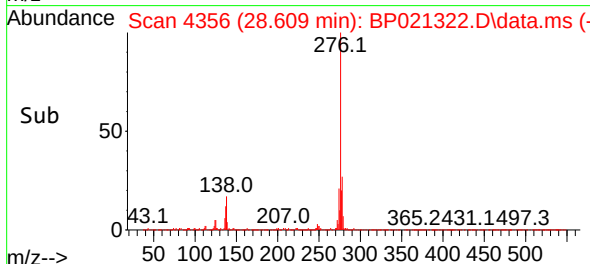
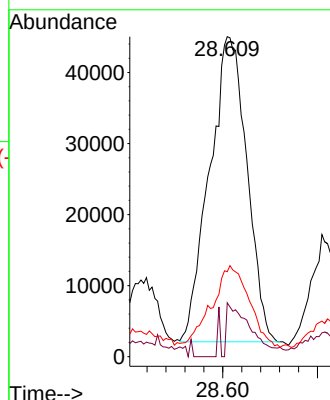
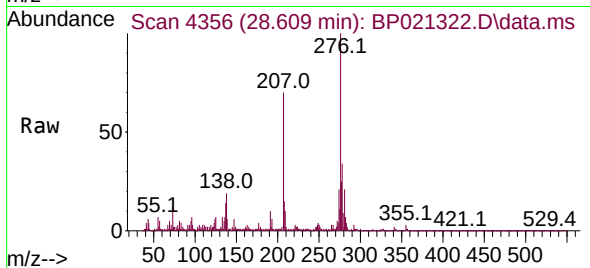
Tgt Ion:	278	Resp:	23553
Ion Ratio	Lower	Upper	
278	100		
139	16.9	10.9	16.3
279	26.6	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2024

Supervised By :mohammad ahmed 08/05/2024



#96

Benzo(g,h,i)perylene

Concen: 1.824 ng/ul m

RT: 29.768 min Scan# 4553

Delta R.T. 0.006 min

Lab File: BP021322.D

Acq: 02 Aug 2024 15:32

Tgt Ion:	276	Resp:	127125
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.3	22.9
277	26.1	18.2	27.2

