

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP021006.D
 Acq On : 17 Jul 2024 02:42
 Operator : MA/JU
 Sample : P3178-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BX9

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 03:26:03 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	7.693	152	277996	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	1050661	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	585285	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.128	188	1151207	20.000	ng/u1	0.01
79) Chrysene-d12	21.551	240	1226264	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	1490645	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	20228	3.311	ng/uL	0.00
4) Pyridine-d5	3.681	84	26226	1.483	ng/u1	0.03
7) Phenol-d5	6.893	99	477550	21.071	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	288502	21.005	ng/u1	0.01
11) 2-Chlorophenol-d4	7.240	132	397802	21.303	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	383856	20.392	ng/u1	0.01
21) Nitrobenzene-d5	8.852	128	184040	22.552	ng/u1	0.02
24) 2-Nitrophenol-d4	9.546	143	206576	22.117	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	362013	21.434	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	357219	15.965	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	1011171	23.766	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1118701	23.416	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	105489m	17.426	ng/u1	0.01
60) Fluorene-d10	15.316	176	822225	23.556	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	104825	15.049	ng/u1	0.00
73) Anthracene-d10	17.222	188	1257282	24.589	ng/u1	0.00
81) Pyrene-d10	19.598	212	1133715	14.954	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	830155	11.292	ng/u1	0.01
Target Compounds					Qvalue	
52) Acenaphthene	14.363	153	59797	1.666	ng/u1	98
56) Dibenzofuran	14.710	168	58401	1.188	ng/u1	99
61) Fluorene	15.369	166	65015	1.621	ng/u1	97
72) Phenanthrene	17.169	178	978997	16.393	ng/u1	100
74) Anthracene	17.251	178	205299	3.372	ng/u1	99
77) Carbazole	17.557	167	69719	1.401	ng/u1	96
80) Fluoranthene	19.251	202	1582799	17.288	ng/u1	99
82) Pyrene	19.627	202	897737	9.636	ng/u1	98
85) Benzo(a)anthracene	21.527	228	773747	9.007	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	158153	2.831	ng/u1	98
87) Chrysene	21.592	228	774323	9.701	ng/u1	97
90) Benzo(b)fluoranthene	23.804	252	1079349m	11.932	ng/u1	
91) Benzo(k)fluoranthene	23.857	252	378097	4.188	ng/u1	95
93) Benzo(a)pyrene	24.680	252	272973	3.193	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.568	276	291763	2.649	ng/u1	99
95) Dibenzo(a,h)anthracene	28.627	278	137652m	1.509	ng/u1	

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

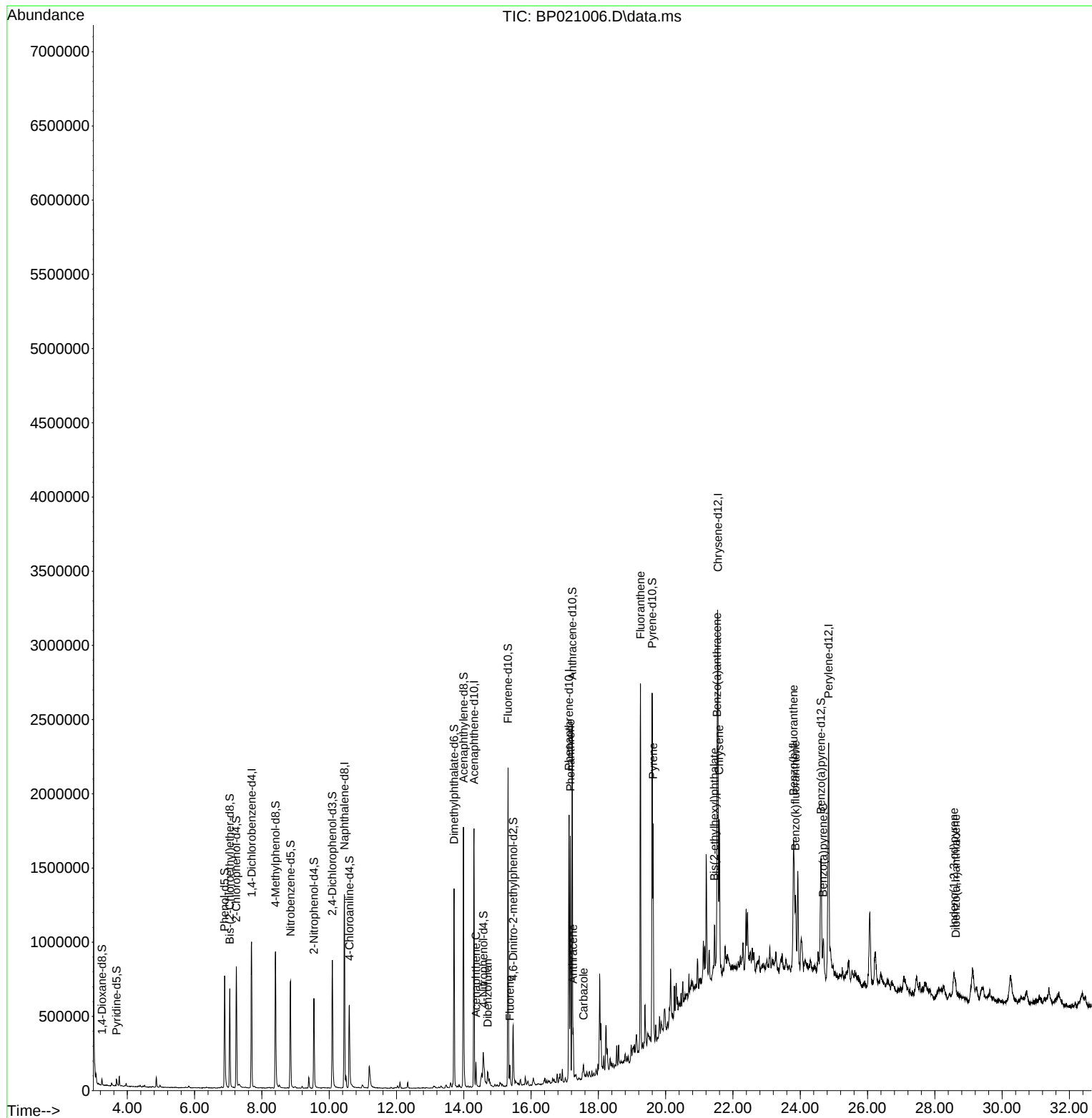
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021006.D
Acq On : 17 Jul 2024 02:42
Operator : MA/JU
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ALS Vial : 18 Sample Multiplier: 1

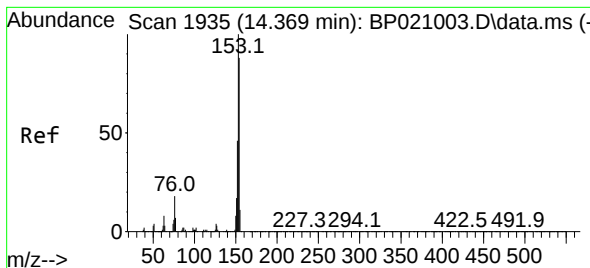
Instrument :
BNA_P
ClientSampleId :
A4BX9

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#52

Acenaphthene

Concen: 1.666 ng/ul

RT: 14.363 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Instrument :

BNA_P

ClientSampleId :

A4BX9

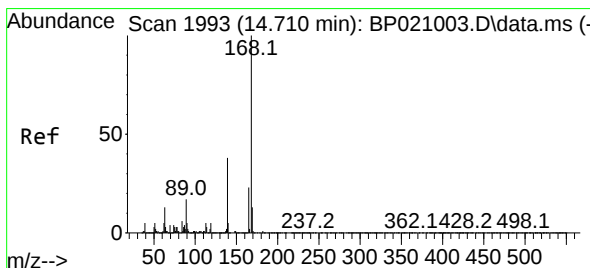
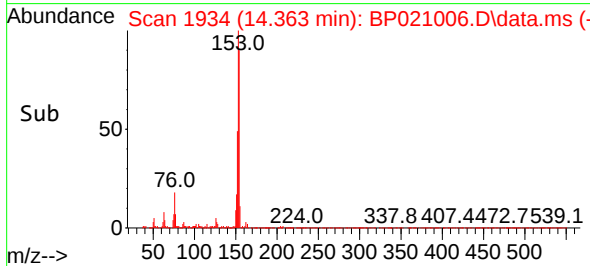
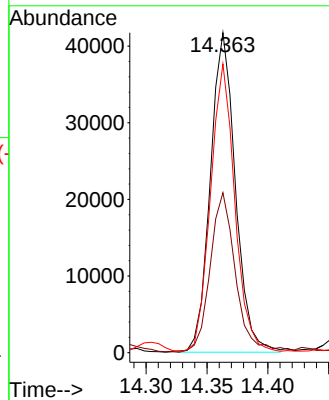
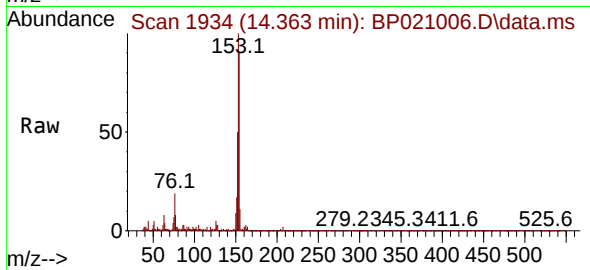
Tgt Ion:	153	Resp:	5979
Ion Ratio	Lower	Upper	
153	100		
152	50.0	37.8	56.6
154	90.2	71.8	107.6

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#56

Dibenzofuran

Concen: 1.188 ng/ul

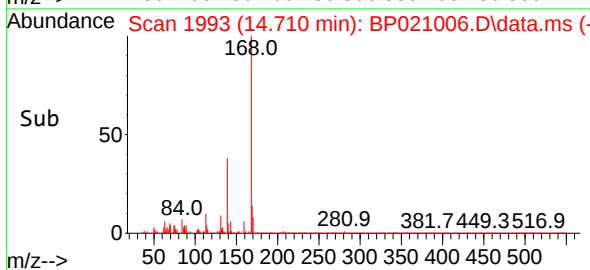
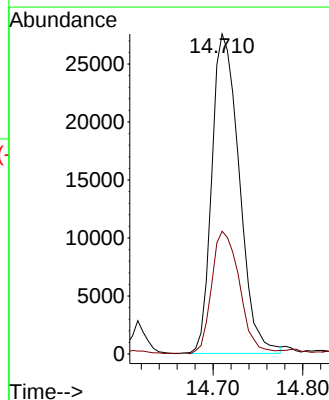
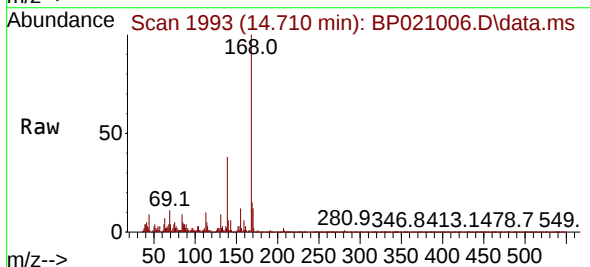
RT: 14.710 min Scan# 1993

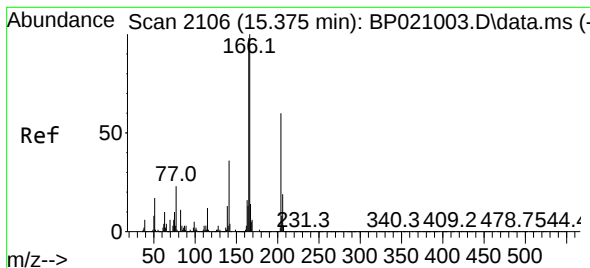
Delta R.T. -0.000 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

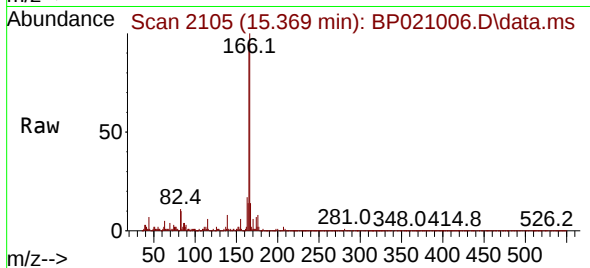
Tgt Ion:	168	Resp:	58401
Ion Ratio	Lower	Upper	
168	100		
139	38.4	31.1	46.7





#61
Fluorene
Concen: 1.621 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP021006.D
Acq: 17 Jul 2024 02:42

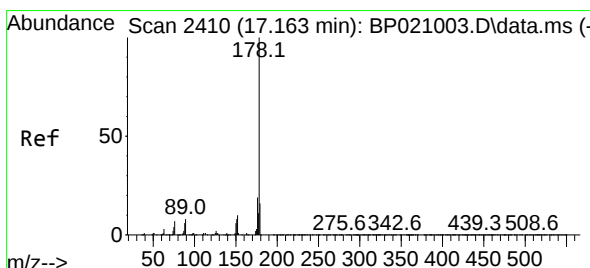
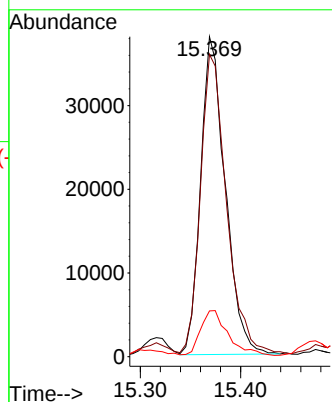
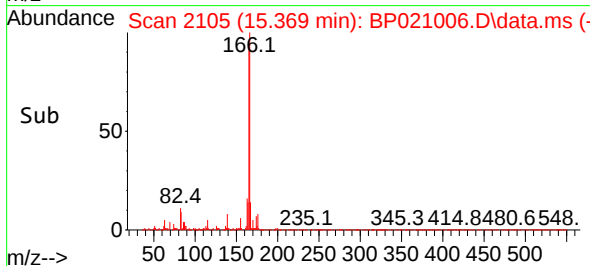
Instrument :
BNA_P
ClientSampleId :
A4BX9



Tgt Ion:166 Resp: 65015
Ion Ratio Lower Upper
166 100
165 94.5 78.1 117.1
167 14.3 10.9 16.3

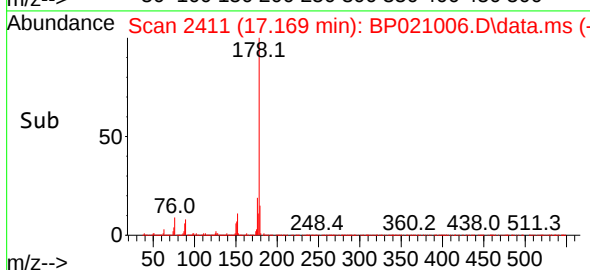
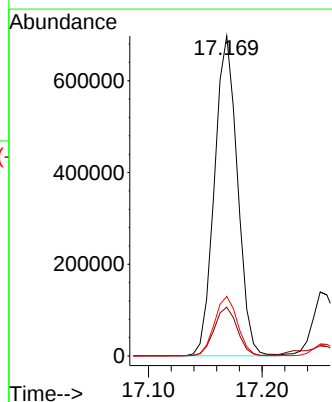
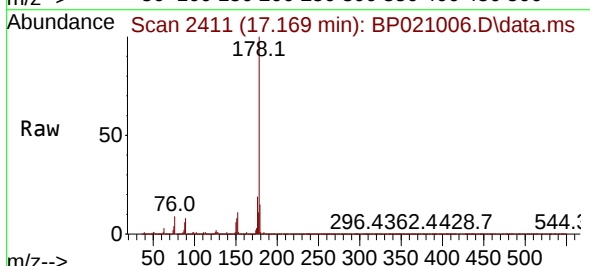
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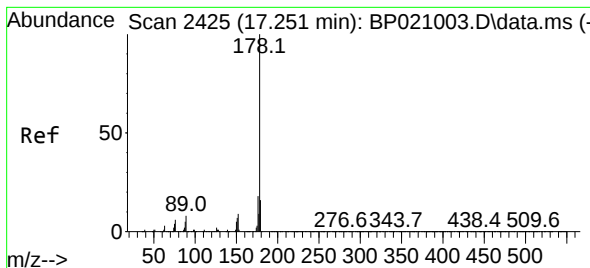
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#72
Phenanthrene
Concen: 16.393 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BP021006.D
Acq: 17 Jul 2024 02:42

Tgt Ion:178 Resp: 978997
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.6 15.0 22.4





#74

Anthracene

Concen: 3.372 ng/u1

RT: 17.251 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Instrument :

BNA_P

ClientSampleId :

A4BX9

Tgt Ion:178 Resp: 205299

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

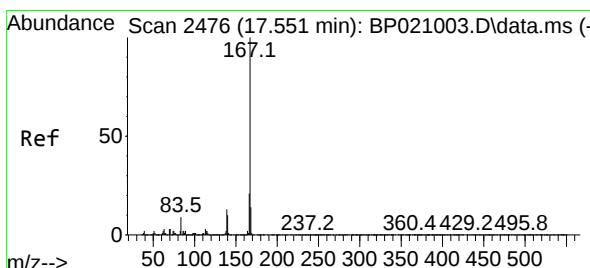
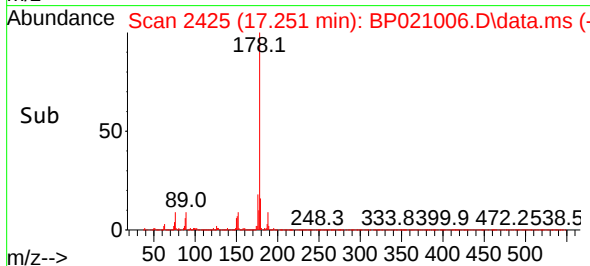
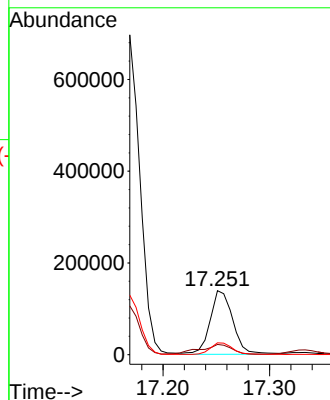
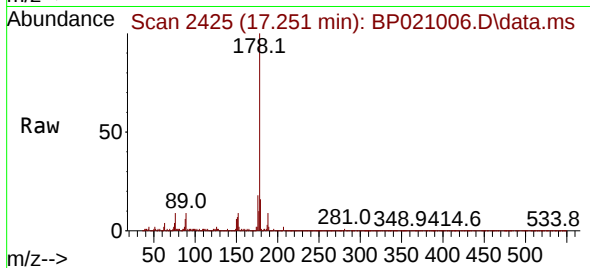
176 18.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#77

Carbazole

Concen: 1.401 ng/u1

RT: 17.557 min Scan# 2477

Delta R.T. 0.018 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

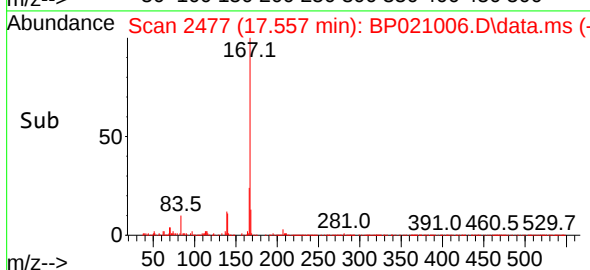
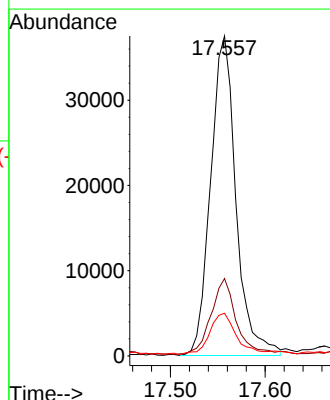
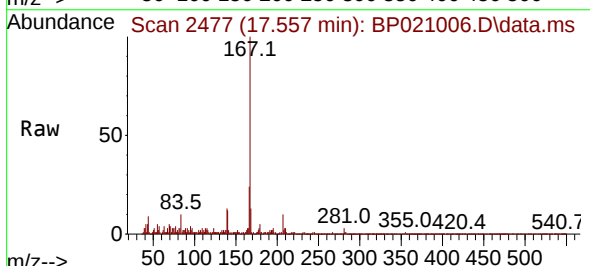
Tgt Ion:167 Resp: 69719

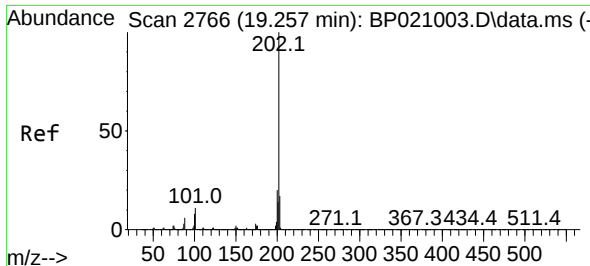
Ion Ratio Lower Upper

167 100

166 24.2 17.3 25.9

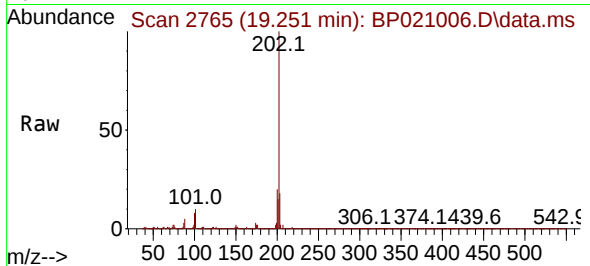
139 13.3 10.2 15.2





#80
Fluoranthene
Concen: 17.288 ng/ul
RT: 19.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP021006.D
Acq: 17 Jul 2024 02:42

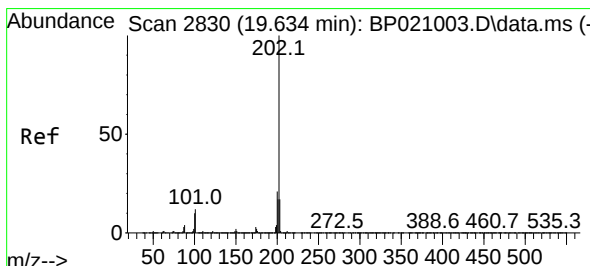
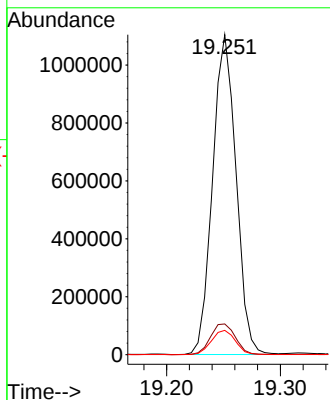
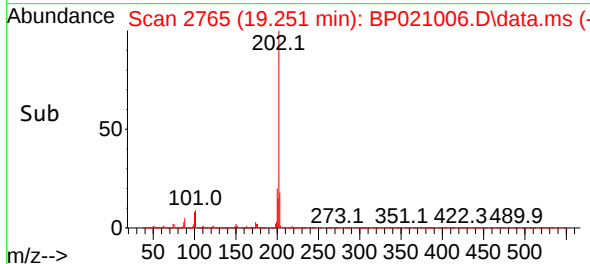
Instrument :
BNA_P
ClientSampleId :
A4BX9



Tgt Ion:202 Resp: 1582799
Ion Ratio Lower Upper
202 100
101 9.6 8.0 12.0
100 7.6 6.1 9.1

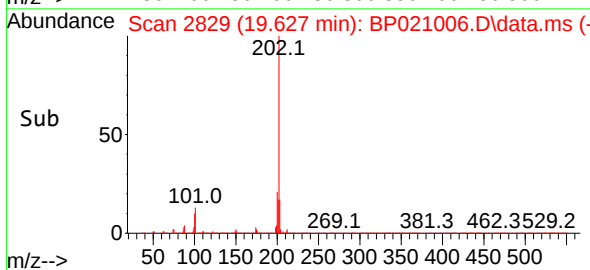
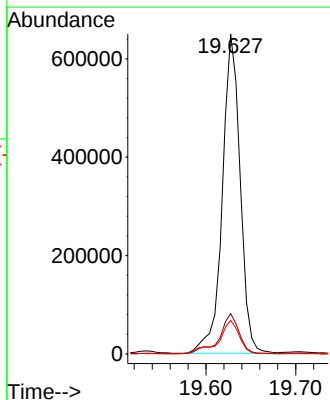
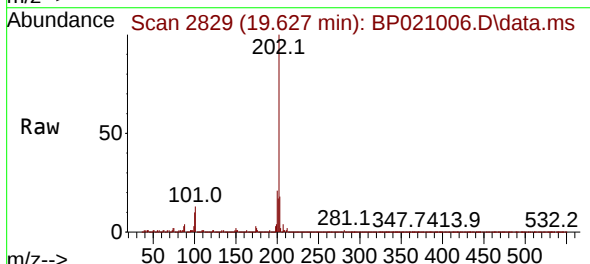
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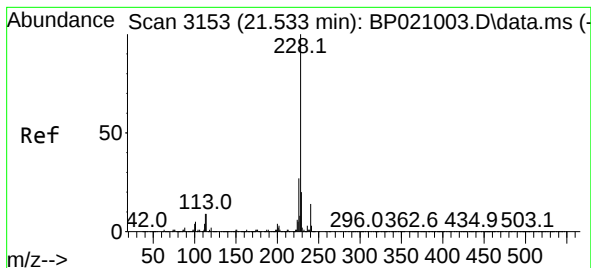
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#82
Pyrene
Concen: 9.636 ng/ul
RT: 19.627 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP021006.D
Acq: 17 Jul 2024 02:42

Tgt Ion:202 Resp: 897737
Ion Ratio Lower Upper
202 100
101 12.6 9.4 14.2
100 10.4 7.8 11.6





#85

Benzo(a)anthracene

Concen: 9.007 ng/ul

RT: 21.527 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Instrument :

BNA_P

ClientSampleId :

A4BX9

Tgt Ion:228 Resp: 77374

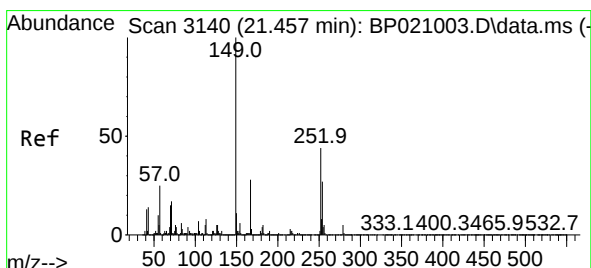
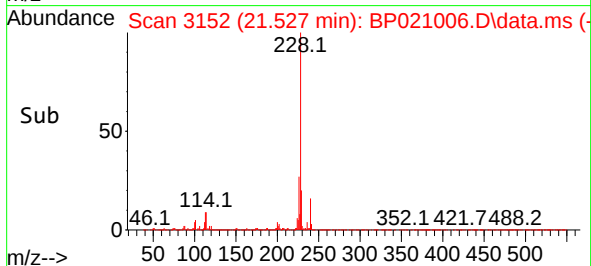
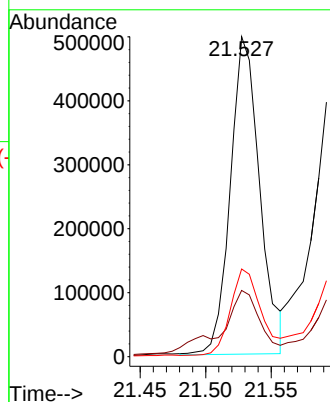
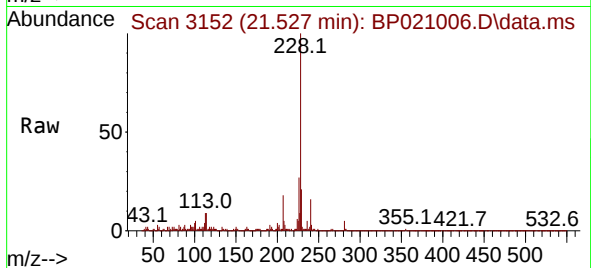
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	27.4	21.4	32.2

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.831 ng/ul

RT: 21.451 min Scan# 3139

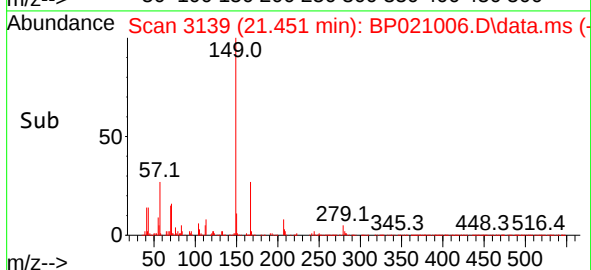
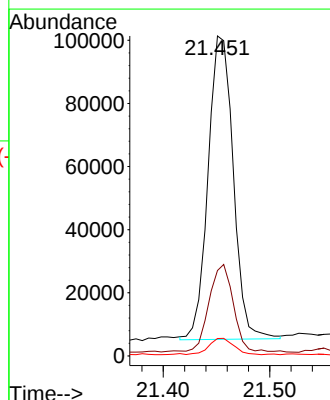
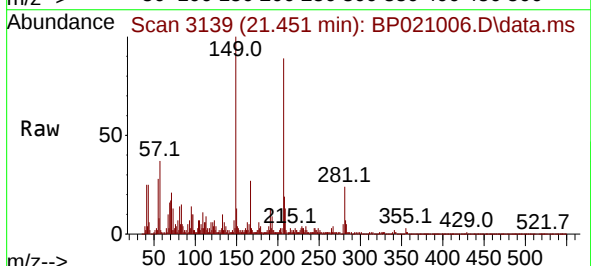
Delta R.T. 0.006 min

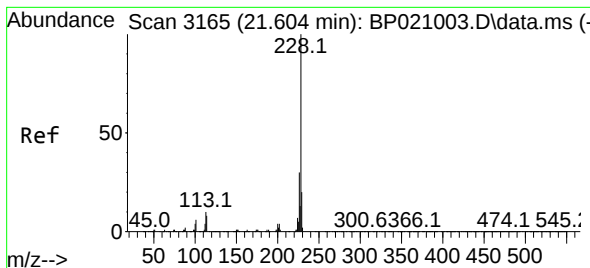
Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Tgt Ion:149 Resp: 158153

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.1	33.1
279	5.5	3.7	5.5





#87

Chrysene

Concen: 9.701 ng/ul

RT: 21.592 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:228 Resp: 77432

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

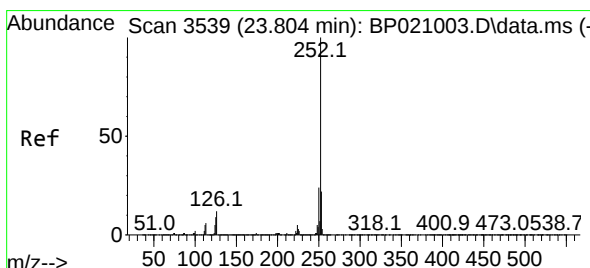
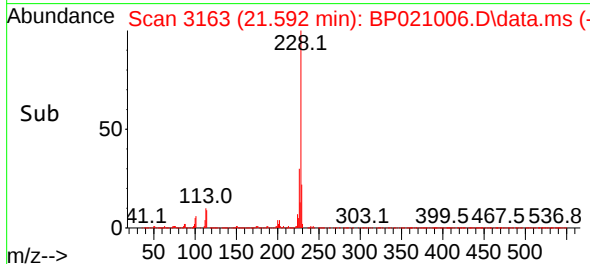
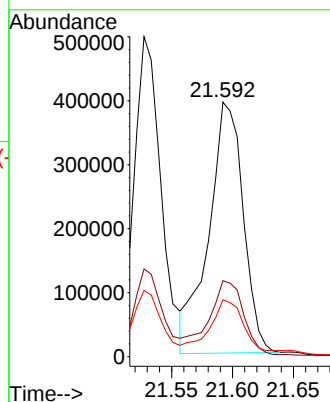
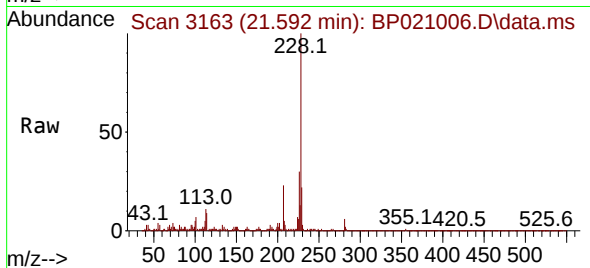
229 22.3 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#90

Benzo(b)fluoranthene

Concen: 11.932 ng/ul m

RT: 23.804 min Scan# 3539

Delta R.T. 0.023 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

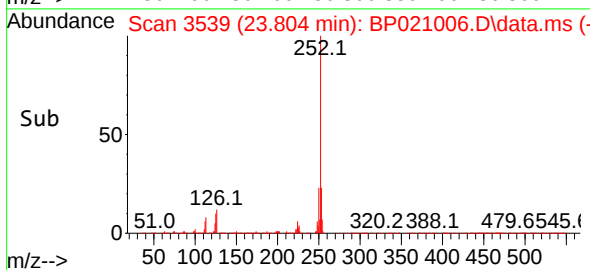
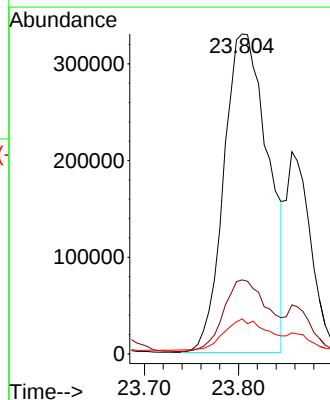
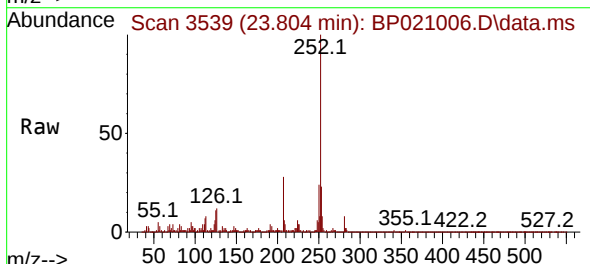
Tgt Ion:252 Resp: 1079349

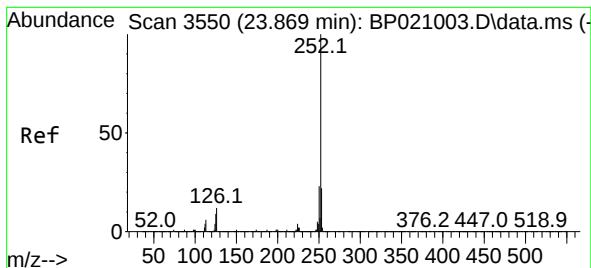
Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

125 10.9 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 4.188 ng/ul

RT: 23.857 min Scan# 3550

Delta R.T. 0.006 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Instrument :

BNA_P

ClientSampleId :

A4BX9

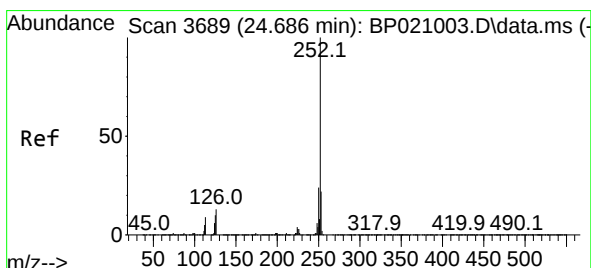
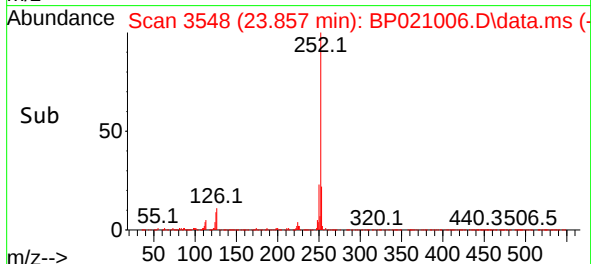
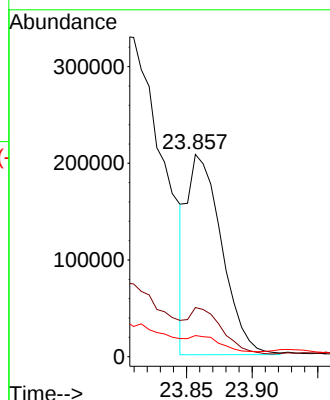
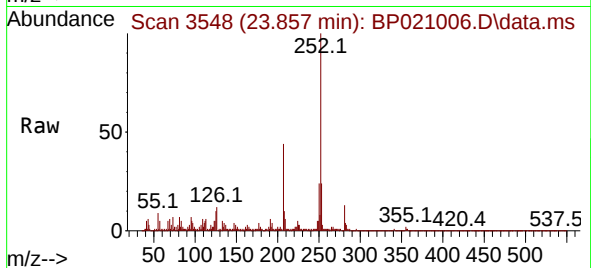
Tgt Ion:	252	Resp:	37809
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.2
125	10.4	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#93

Benzo(a)pyrene

Concen: 3.193 ng/ul

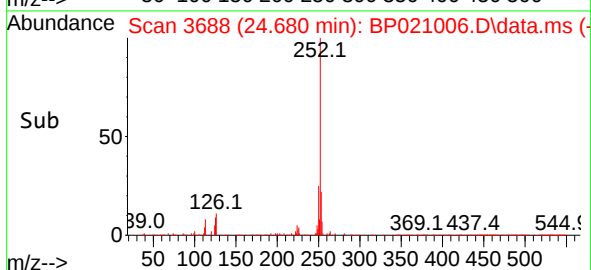
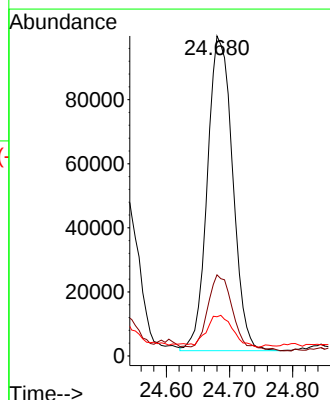
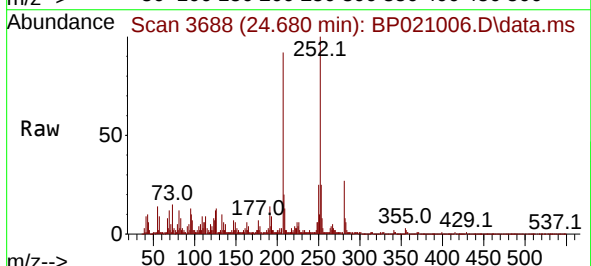
RT: 24.680 min Scan# 3688

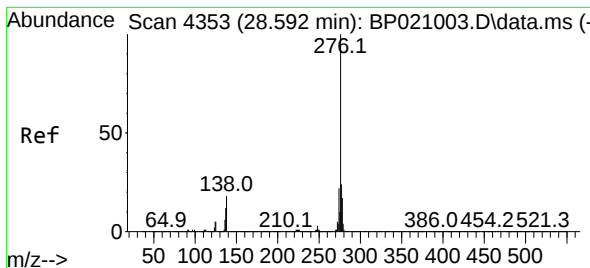
Delta R.T. 0.012 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Tgt Ion:	252	Resp:	272973
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.0
125	12.2	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.649 ng/ul

RT: 28.568 min Scan# 4353

Delta R.T. -0.006 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Instrument :

BNA_P

ClientSampleId :

A4BX9

Tgt Ion:276 Resp: 29176

Ion Ratio Lower Upper

276 100

138 18.9 14.3 21.5

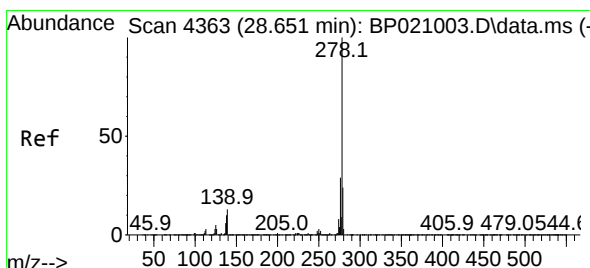
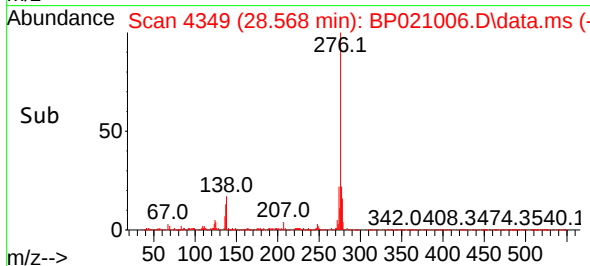
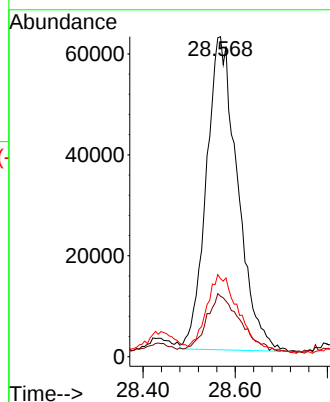
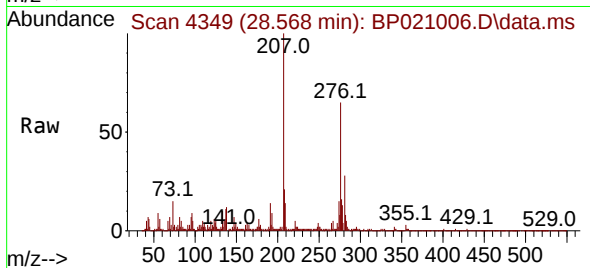
277 24.4 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.509 ng/ul m

RT: 28.627 min Scan# 4359

Delta R.T. -0.006 min

Lab File: BP021006.D

Acq: 17 Jul 2024 02:42

Tgt Ion:278 Resp: 137652

Ion Ratio Lower Upper

278 100

139 17.1 10.9 16.3#

279 32.9 19.4 29.0#

