

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021079.D
 Acq On : 19 Jul 2024 15:41
 Operator : MA/JU
 Sample : P3238-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF6

Manual Integrations
 APPROVED

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

Supervised By :mohammad
 ahmed
 07/20/2024

Quant Time: Jul 20 02:11:41 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	7.687	152	151626	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	611133	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.292	164	391534	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.116	188	852498	20.000	ng/u1	-0.01
79) Chrysene-d12	21.569	240	810608	20.000	ng/u1	-0.01
88) Perylene-d12	24.874	264	997106	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	10765	3.231	ng/uL	0.00
4) Pyridine-d5	3.669	84	14486	1.502	ng/u1	0.01
7) Phenol-d5	6.899	99	228137	18.455	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	130529	17.424	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	187511	18.411	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	174306	16.977	ng/u1	-0.01
21) Nitrobenzene-d5	8.840	128	87222	18.375	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	102604	18.886	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	175423	17.857	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	175686m	13.499	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	546990	19.218	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	631739	19.767	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.598	143	71984m	17.776	ng/u1	0.00
60) Fluorene-d10	15.310	176	489253	20.953	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	47749	9.257	ng/u1	0.00
73) Anthracene-d10	17.210	188	795999	21.023	ng/u1	-0.02
81) Pyrene-d10	19.610	212	877734	17.514	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.657	264	743435	15.117	ng/u1	-0.03
Target Compounds						
					Qvalue	
52) Acenaphthene	14.363	153	46095	1.919	ng/u1	97
56) Dibenzofuran	14.710	168	37109	1.128	ng/u1	98
61) Fluorene	15.375	166	54114	2.016	ng/u1	98
72) Phenanthrene	17.157	178	1213002	27.428	ng/u1	100
74) Anthracene	17.251	178	220923	4.900	ng/u1	99
77) Carbazole	17.551	167	99106	2.689	ng/u1	98
80) Fluoranthene	19.257	202	1870864	30.912	ng/u1	99
82) Pyrene	19.639	202	1324096	21.500	ng/u1	99
85) Benzo(a)anthracene	21.545	228	861403	15.170	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	60815	1.647	ng/u1#	98
87) Chrysene	21.616	228	965970	18.307	ng/u1	97
90) Benzo(b)fluoranthene	23.833	252	1042391	17.227	ng/u1	97
91) Benzo(k)fluoranthene	23.892	252	357616	5.922	ng/u1	94
93) Benzo(a)pyrene	24.721	252	422344	7.386	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.639	276	383317	5.202	ng/u1	98
95) Dibenzo(a,h)anthracene	28.686	278	163438	2.679	ng/u1#	87

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

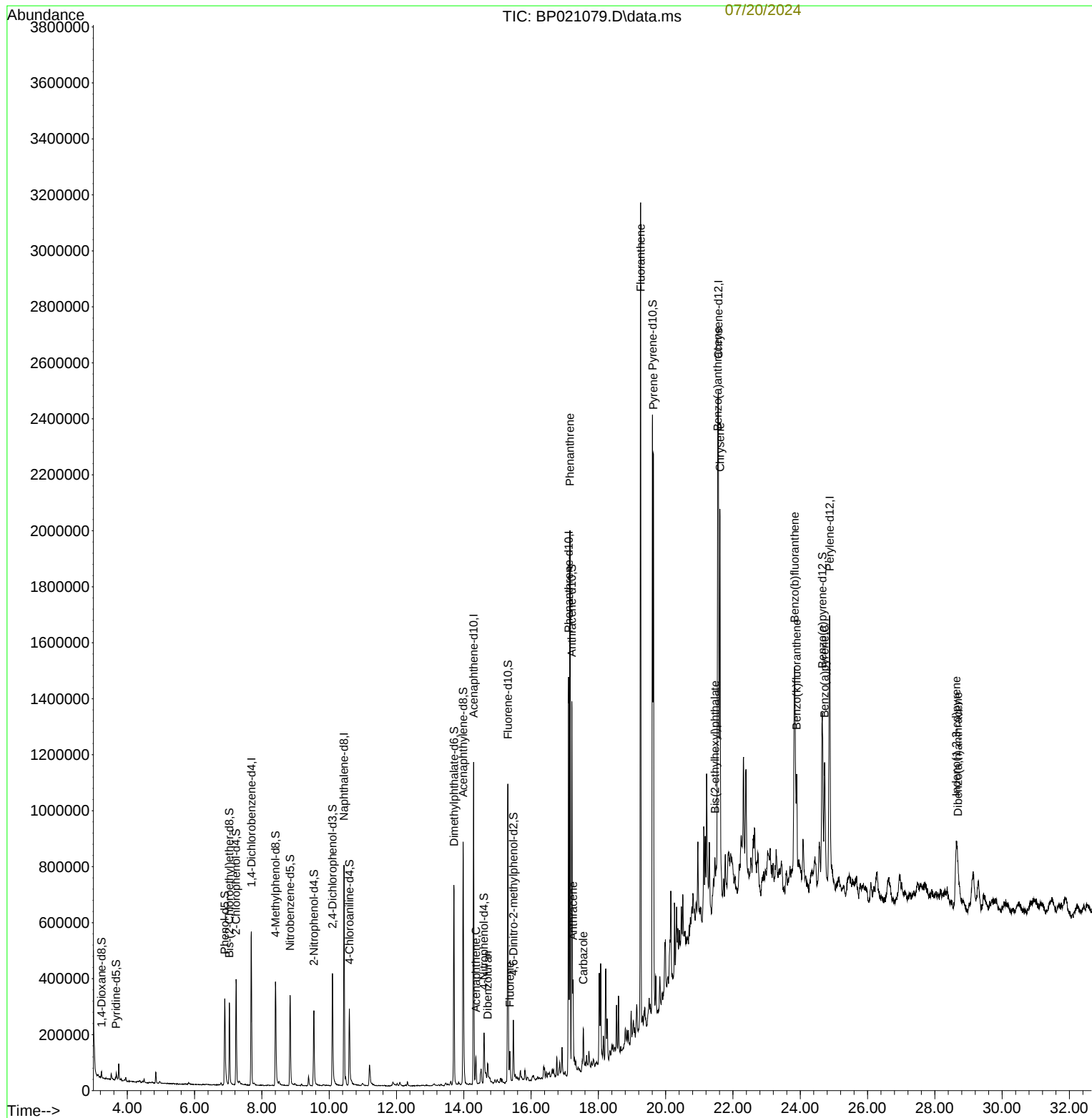
Instrument :
BNA_P
ClientSampleId :
A4BF6

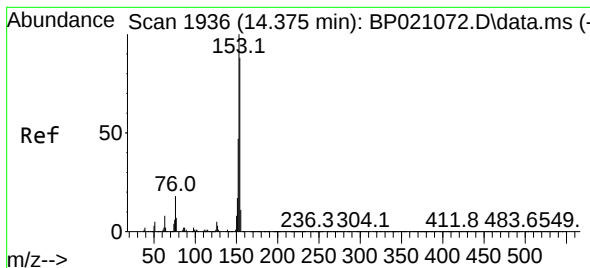
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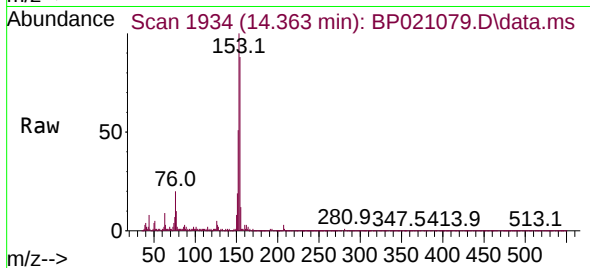
Quant Time: Jul 20 02:11:41 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
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#52
Acenaphthene
Concen: 1.919 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BP021079.D
Acq: 19 Jul 2024 15:41

Instrument :
BNA_P
ClientSampleId :
A4BF6

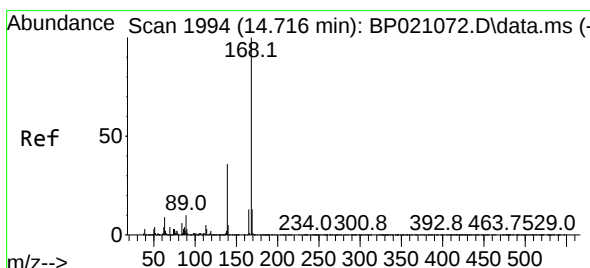
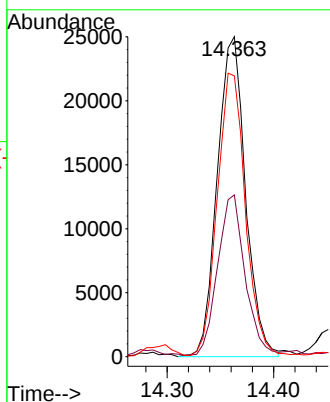
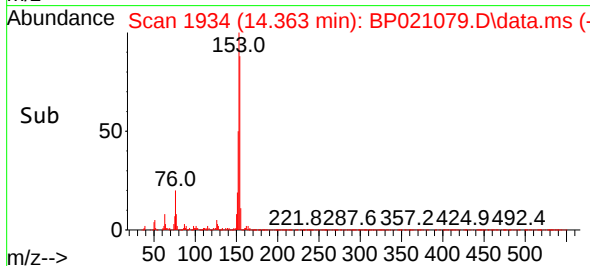


Tgt Ion:153 Resp: 4609
Ion Ratio Lower Upper
153 100
152 50.5 37.8 56.6
154 87.8 71.8 107.6

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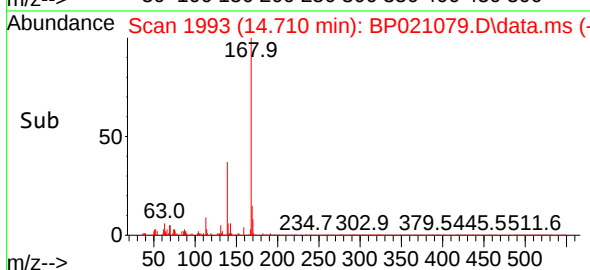
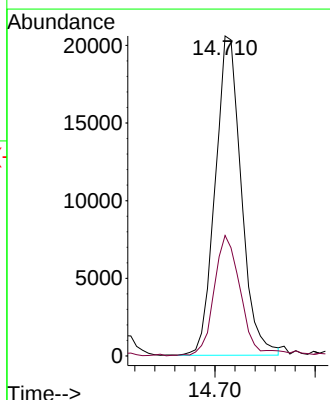
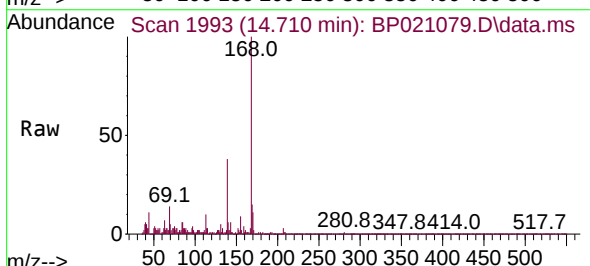
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

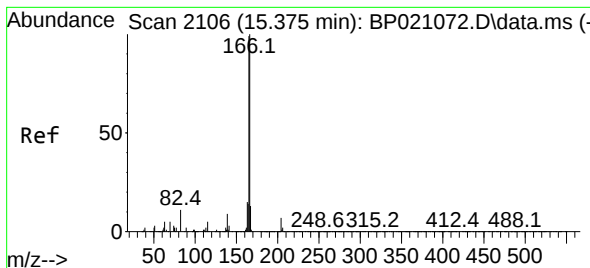
Supervised By :mohammad
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07/20/2024



#56
Dibenzofuran
Concen: 1.128 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP021079.D
Acq: 19 Jul 2024 15:41

Tgt Ion:168 Resp: 37109
Ion Ratio Lower Upper
168 100
139 37.7 31.1 46.7





#61

Fluorene

Concen: 2.016 ng/ul

RT: 15.375 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BP021079.D

Acq: 19 Jul 2024 15:41

Instrument :

BNA_P

ClientSampleId :

A4BF6

Tgt Ion:	166	Resp:	54114
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.1	117.1
167	14.4	10.9	16.3

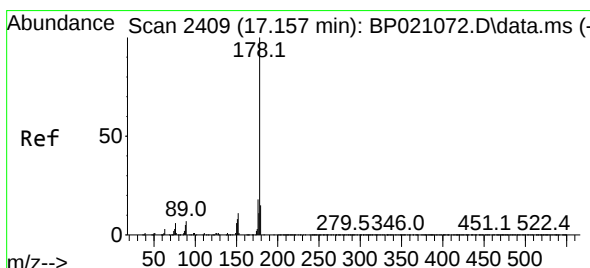
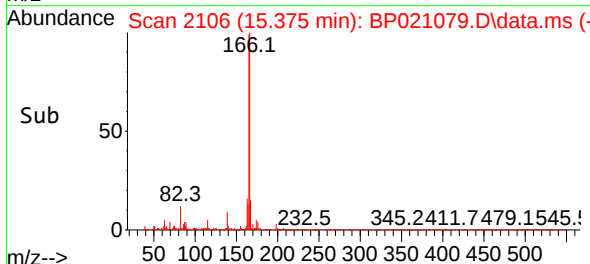
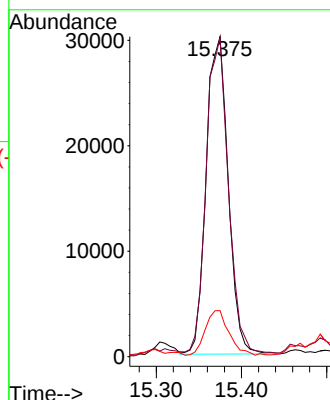
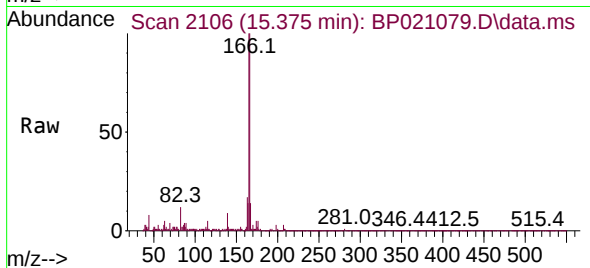
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ahmed
07/20/2024



#72

Phenanthrene

Concen: 27.428 ng/ul

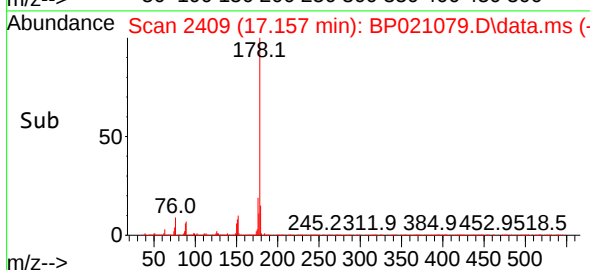
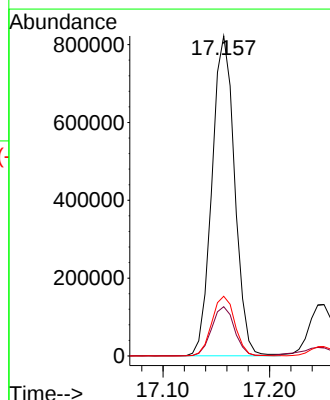
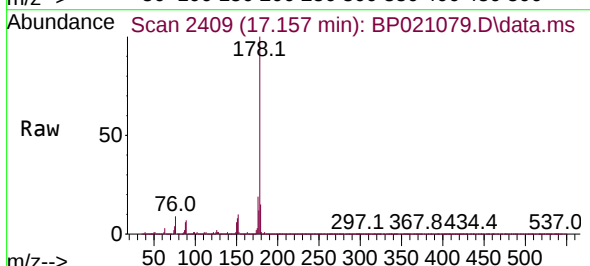
RT: 17.157 min Scan# 2409

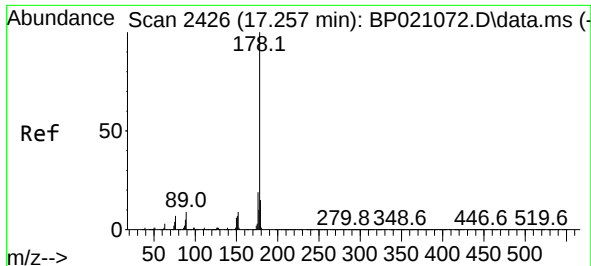
Delta R.T. -0.012 min

Lab File: BP021079.D

Acq: 19 Jul 2024 15:41

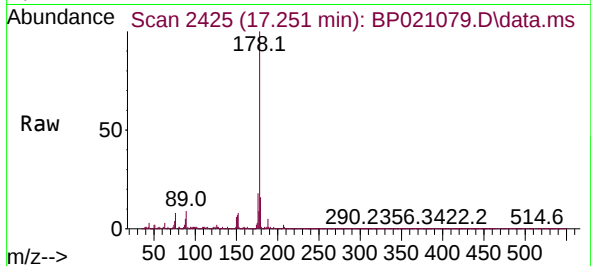
Tgt Ion:	178	Resp:	1213002
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	18.7	15.0	22.4





#74
 Anthracene
 Concen: 4.900 ng/u1
 RT: 17.251 min Scan# 2426
 Delta R.T. -0.012 min
 Lab File: BP021079.D
 Acq: 19 Jul 2024 15:41

Instrument :
 BNA_P
 ClientSampleId :
 A4BF6

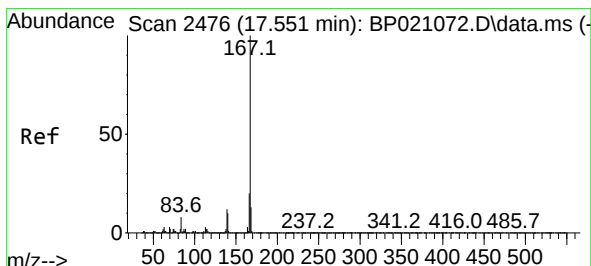
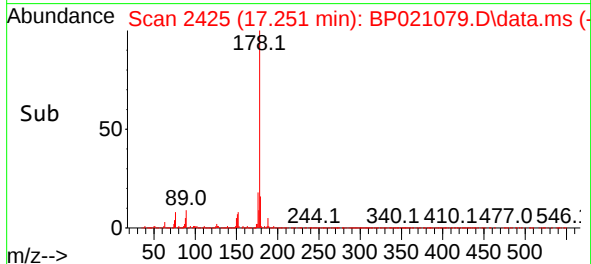
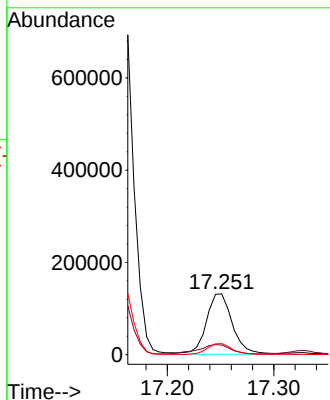


Tgt Ion:178 Resp: 22092
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.5 18.7
 176 18.0 14.8 22.2

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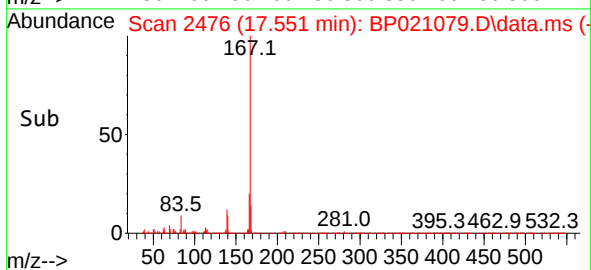
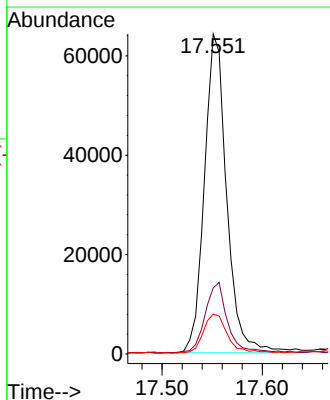
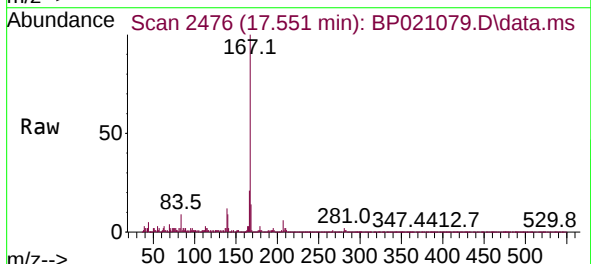
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

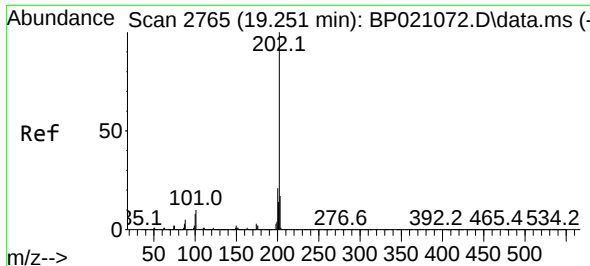
Supervised By :mohammad
 ahmed
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#77
 Carbazole
 Concen: 2.689 ng/u1
 RT: 17.551 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021079.D
 Acq: 19 Jul 2024 15:41

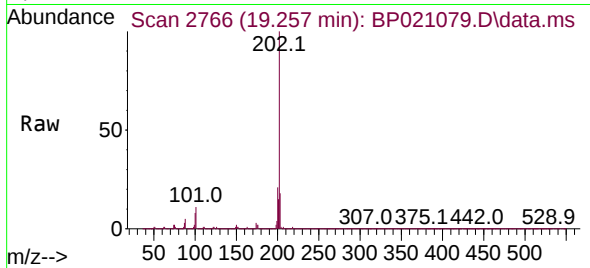
Tgt Ion:167 Resp: 99106
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.3 25.9
 139 12.4 10.2 15.2





#80
Fluoranthene
Concen: 30.912 ng/u1
RT: 19.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021079.D
Acq: 19 Jul 2024 15:41

Instrument :
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ClientSampleId :
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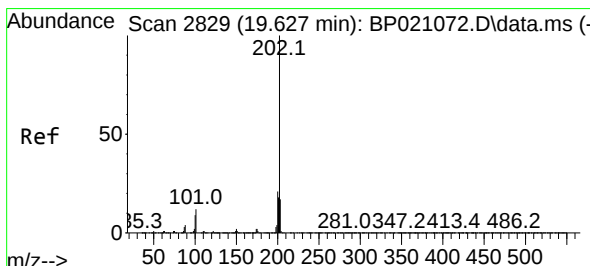
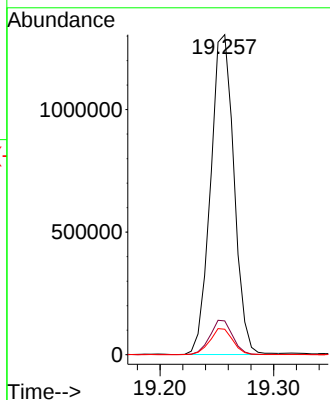
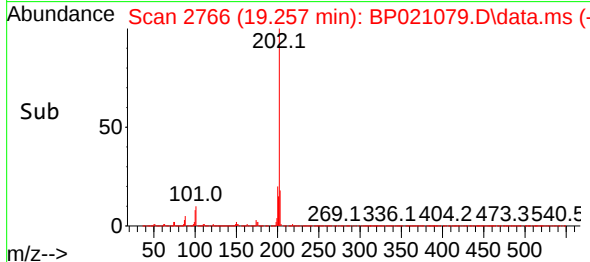


Tgt Ion:202 Resp: 1870864
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 8.0 6.1 9.1

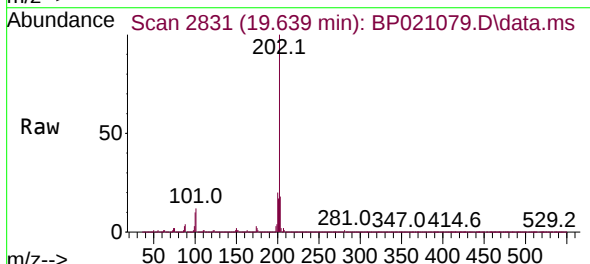
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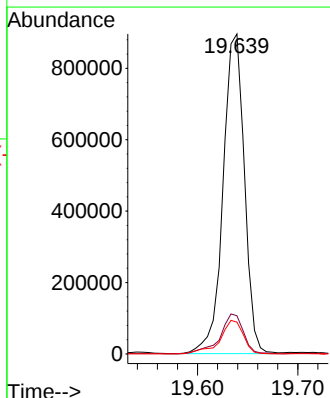
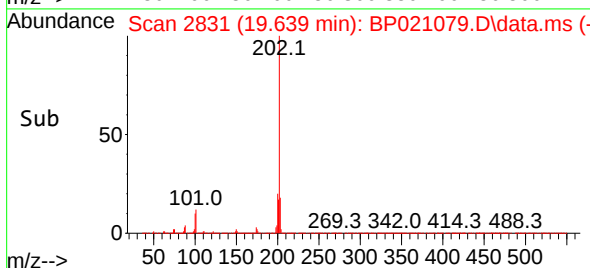
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07/20/2024

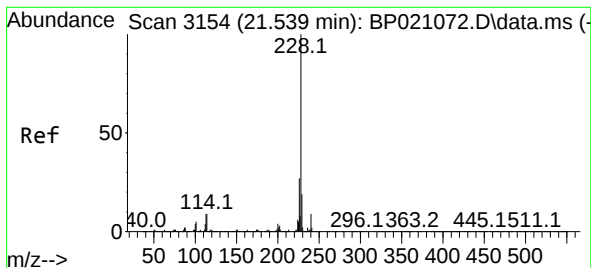


#82
Pyrene
Concen: 21.500 ng/u1
RT: 19.639 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BP021079.D
Acq: 19 Jul 2024 15:41



Tgt Ion:202 Resp: 1324096
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 15.170 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. -0.018 min

Lab File: BP021079.D

Acq: 19 Jul 2024 15:41

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:228 Resp: 86140

Ion Ratio Lower Upper

228 100

229 20.7 15.5 23.3

226 27.3 21.4 32.2

Manual Integrations

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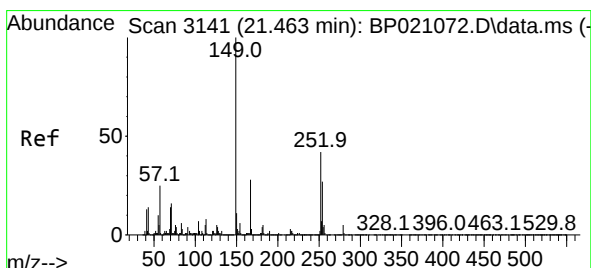
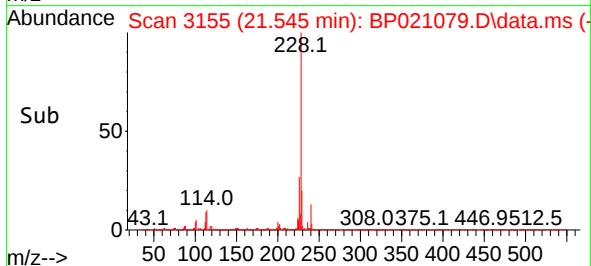
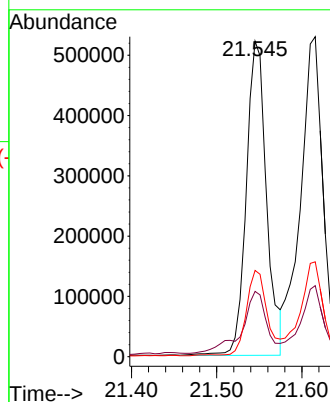
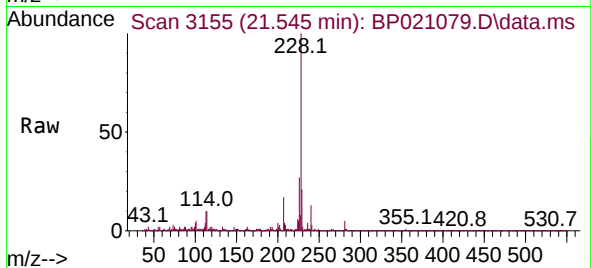
Reviewed By :Yogesh Patel 07/20/2024

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Supervised By :mohammad

ahmed

07/20/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.647 ng/ul

RT: 21.469 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BP021079.D

Acq: 19 Jul 2024 15:41

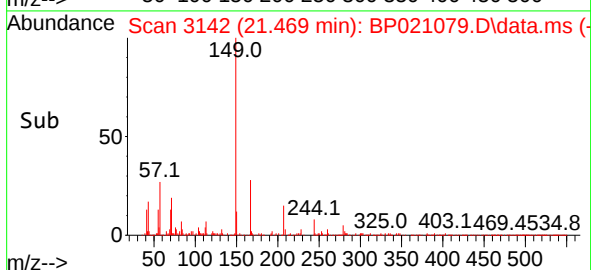
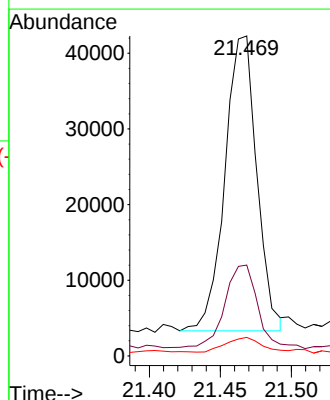
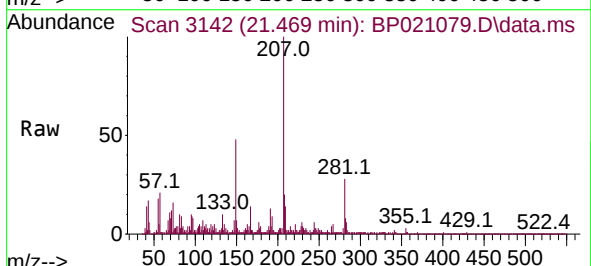
Tgt Ion:149 Resp: 60815

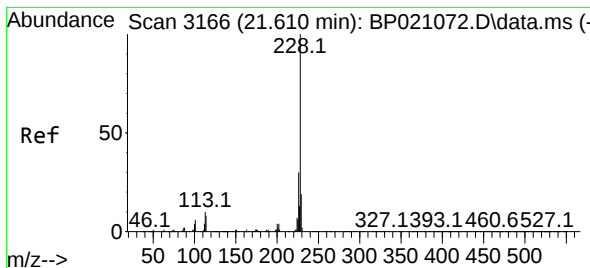
Ion Ratio Lower Upper

149 100

167 28.4 22.1 33.1

279 5.8 3.7 5.5#





#87

Chrysene

Concen: 18.307 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.012 min

Lab File: BP021079.D

Acq: 19 Jul 2024 15:41

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:	228	Resp:	965970
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.6	35.4
229	22.2	15.5	23.3

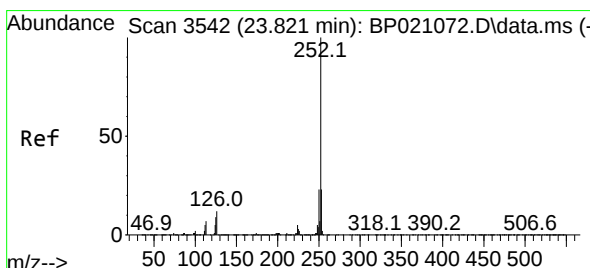
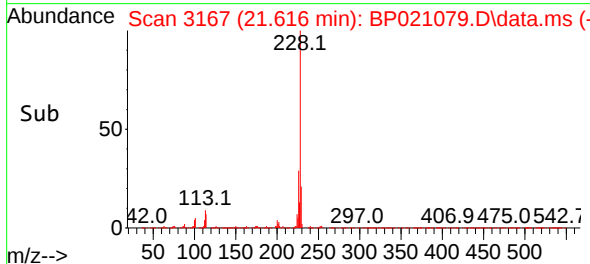
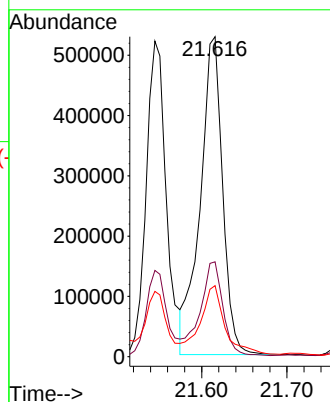
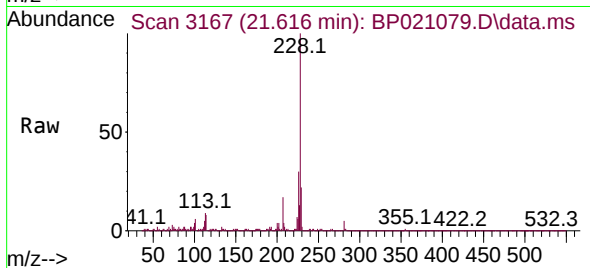
Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024

Supervised By :mohammad
ahmed
07/20/2024



#90

Benzo(b)fluoranthene

Concen: 17.227 ng/ul

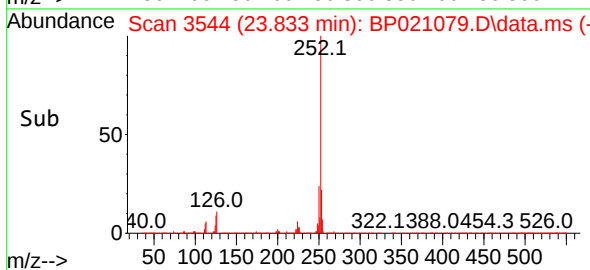
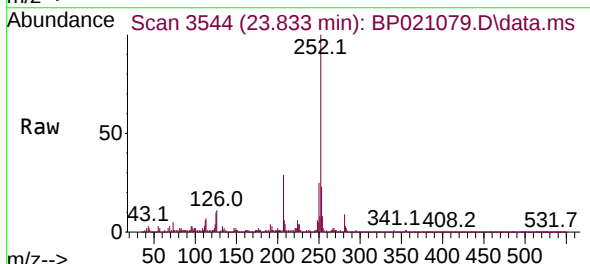
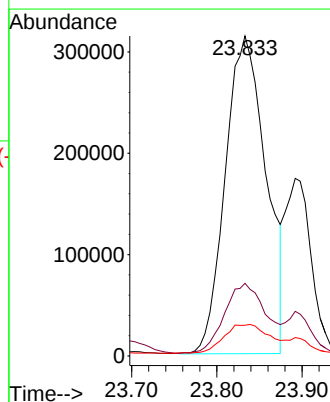
RT: 23.833 min Scan# 3544

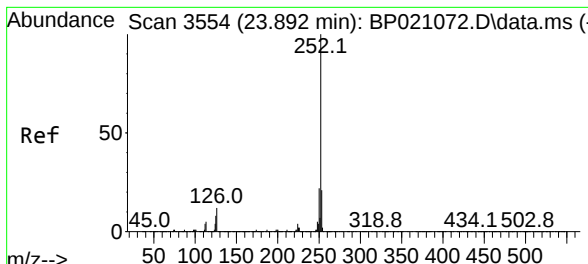
Delta R.T. -0.018 min

Lab File: BP021079.D

Acq: 19 Jul 2024 15:41

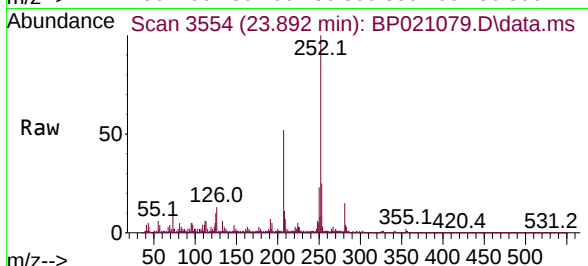
Tgt Ion:	252	Resp:	1042391
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	9.6	7.0	10.4





#91
Benzo(k)fluoranthene
Concen: 5.922 ng/ul
RT: 23.892 min Scan# 3554
Delta R.T. -0.029 min
Lab File: BP021079.D
Acq: 19 Jul 2024 15:41

Instrument : BNA_P
ClientSampleId : A4BF6

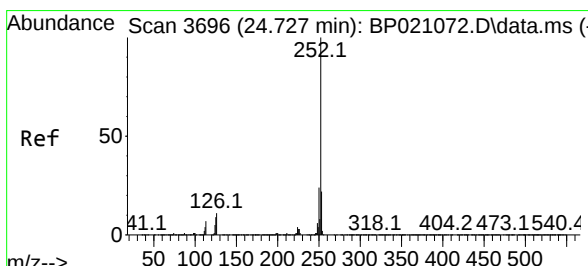
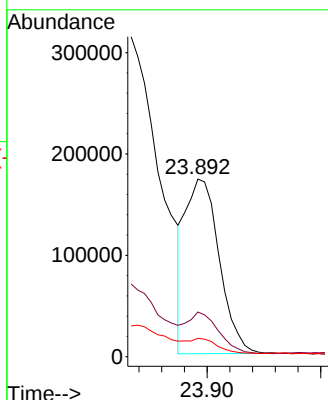
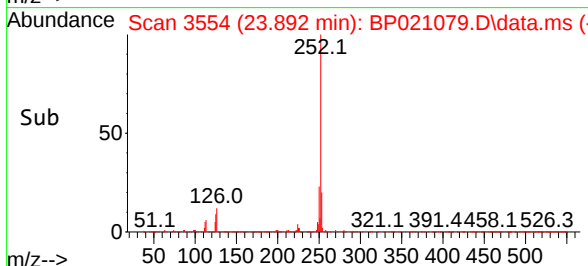


Tgt Ion:252 Resp: 357610
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 10.4 7.4 11.0

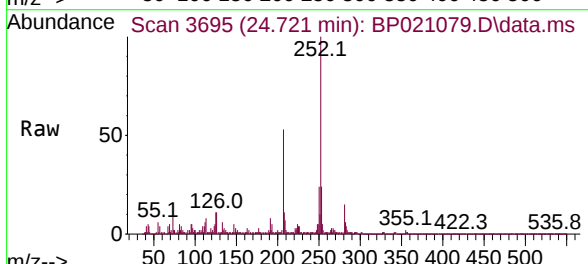
Manual Integrations
APPROVED

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

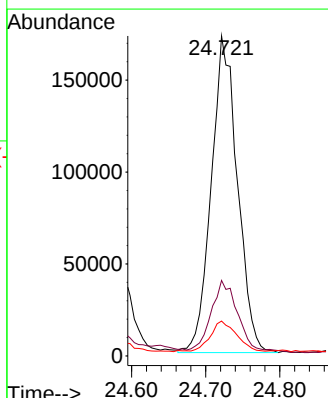
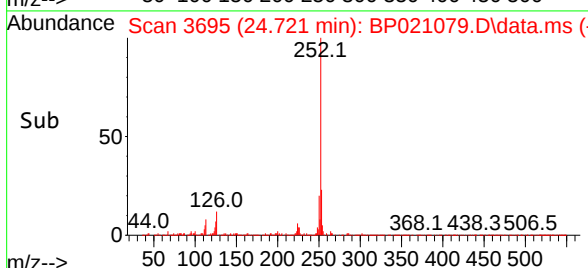
Supervised By :mohammad
ahmed
07/20/2024

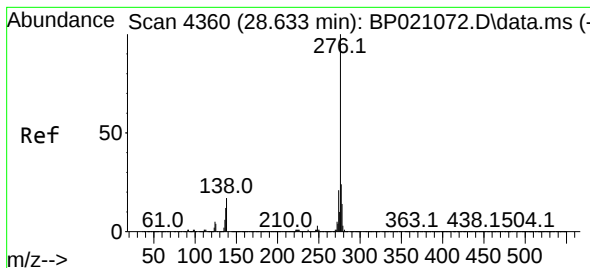


#93
Benzo(a)pyrene
Concen: 7.386 ng/ul
RT: 24.721 min Scan# 3695
Delta R.T. -0.041 min
Lab File: BP021079.D
Acq: 19 Jul 2024 15:41



Tgt Ion:252 Resp: 422344
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 10.9 7.7 11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.202 ng/ul

RT: 28.639 min Scan# 4360

Delta R.T. -0.065 min

Lab File: BP021079.D

Acq: 19 Jul 2024 15:41

Instrument :

BNA_P

ClientSampleId :

A4BF6

Tgt Ion:	276	Resp:	38331
Ion Ratio	Lower	Upper	
276	100		
138	17.4	14.3	21.5
277	25.0	19.2	28.8

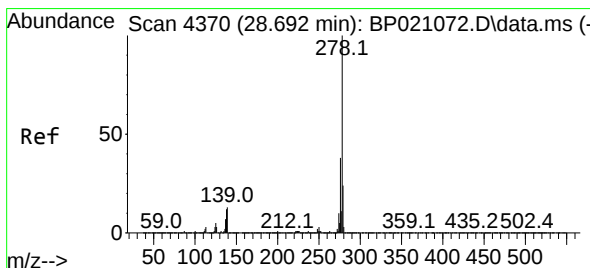
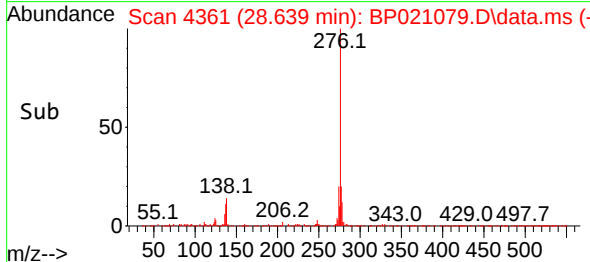
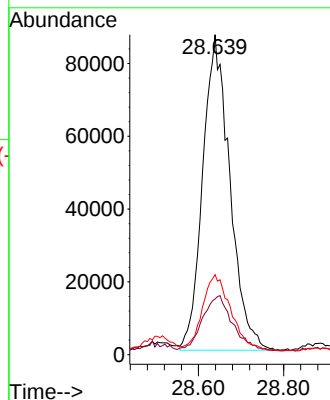
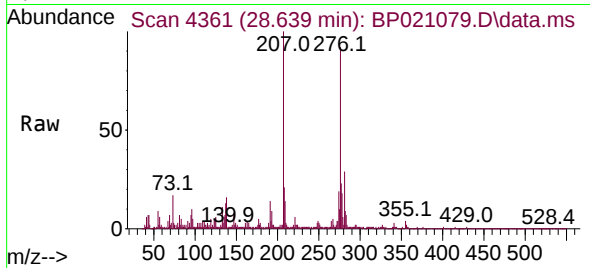
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024

Supervised By :mohammad
ahmed
07/20/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.679 ng/ul

RT: 28.686 min Scan# 4369

Delta R.T. -0.053 min

Lab File: BP021079.D

Acq: 19 Jul 2024 15:41

Tgt Ion:	278	Resp:	163438
Ion Ratio	Lower	Upper	
278	100		
139	15.2	10.9	16.3
279	32.8	19.4	29.0

