

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021077.D
 Acq On : 19 Jul 2024 14:16
 Operator : MA/JU
 Sample : P3238-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BF3

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 01:50:24 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	7.681	152	144999	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.439	136	580174	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	380649	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	811416	20.000	ng/u1	-0.01
79) Chrysene-d12	21.562	240	803281	20.000	ng/u1	-0.02
88) Perylene-d12	24.862	264	970233	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	9778	3.069	ng/uL	0.00
4) Pyridine-d5	3.663	84	16949	1.837	ng/u1	0.00
7) Phenol-d5	6.893	99	213228	18.038	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.022	67	118112	16.487	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.234	132	173073	17.770	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	166260	16.934	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	82789	18.372	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.545	143	96432	18.697	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	167909	18.004	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.604	131	146958	11.894	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	533300	19.273	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	629114	20.248	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	62474m	15.868	ng/u1	-0.01
60) Fluorene-d10	15.316	176	471729	20.780	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	48553	9.890	ng/u1	0.00
73) Anthracene-d10	17.221	188	749749	20.804	ng/u1	0.00
81) Pyrene-d10	19.598	212	825446	16.621	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.645	264	697933	14.585	ng/u1	-0.04
Target Compounds						
					Qvalue	
52) Acenaphthene	14.374	153	26548	1.137	ng/u1	94
61) Fluorene	15.374	166	30098	1.154	ng/u1	99
72) Phenanthrene	17.163	178	701389	16.663	ng/u1	100
74) Anthracene	17.257	178	108255	2.523	ng/u1	98
77) Carbazole	17.551	167	60440	1.723	ng/u1#	94
80) Fluoranthene	19.251	202	1317767	21.972	ng/u1	98
82) Pyrene	19.627	202	980669	16.069	ng/u1	97
83) Butylbenzylphthalate	20.574	149	42155	1.658	ng/u1	95
85) Benzo(a)anthracene	21.539	228	568093	10.096	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.456	149	98470	2.691	ng/u1	99
87) Chrysene	21.609	228	636176	12.167	ng/u1	97
90) Benzo(b)fluoranthene	23.821	252	812275	13.796	ng/u1	97
91) Benzo(k)fluoranthene	23.880	252	290798	4.949	ng/u1	96
93) Benzo(a)pyrene	24.703	252	309572	5.564	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.627	276	301028	4.199	ng/u1	98
95) Dibenzo(a,h)anthracene	28.680	278	105167m	1.771	ng/u1	

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

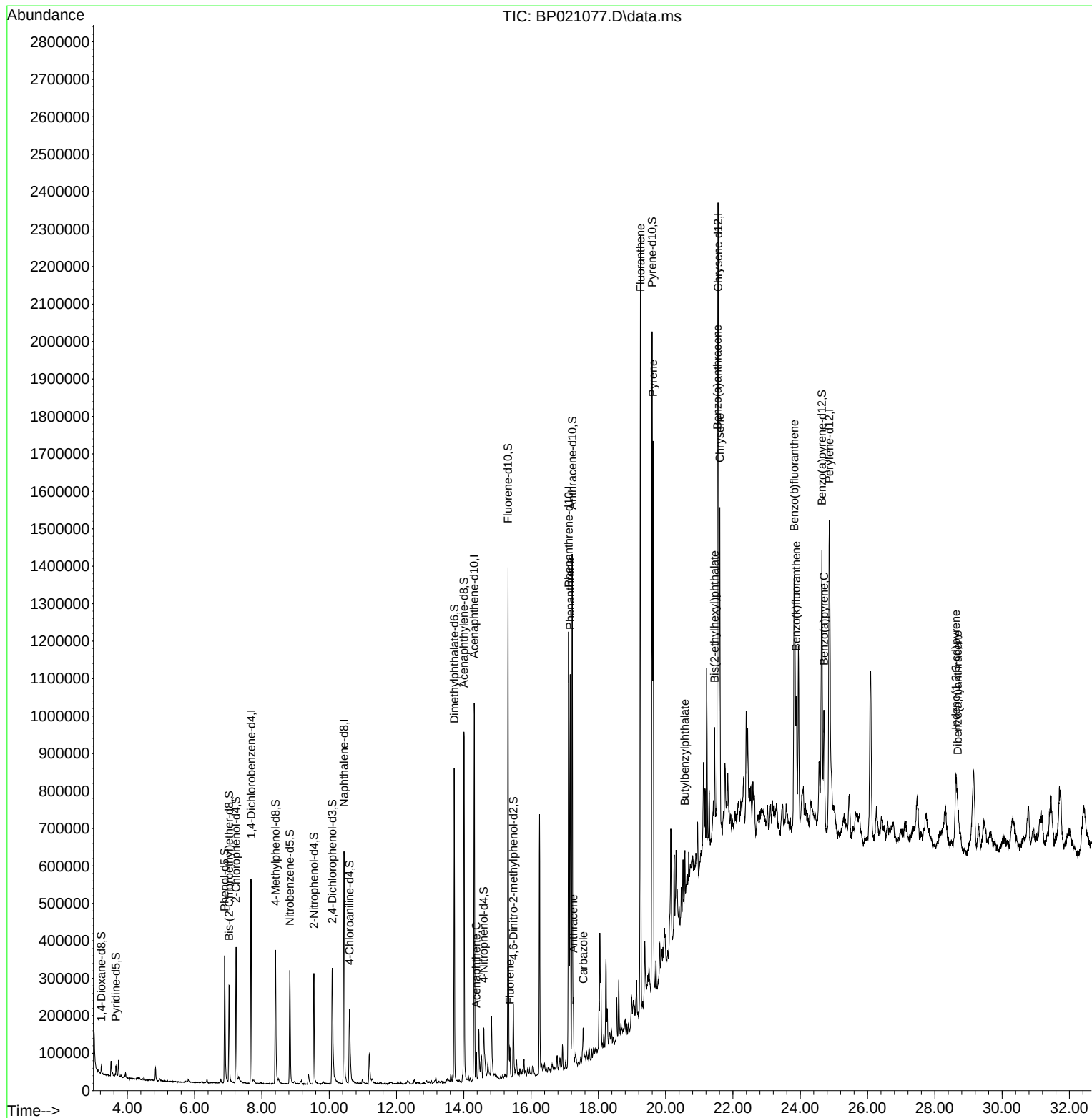
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021077.D
Acq On : 19 Jul 2024 14:16
Operator : MA/JU
Sample : P3238-08
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ALS Vial : 7 Sample Multiplier: 1

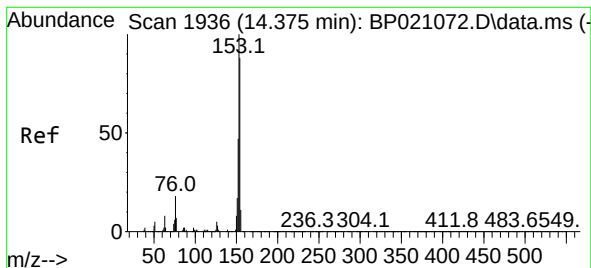
Instrument :
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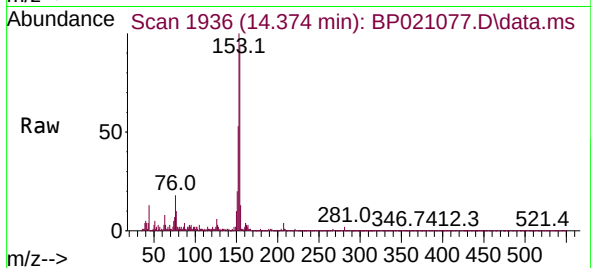
Quant Time: Jul 20 01:50:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.137 ng/ul
RT: 14.374 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16

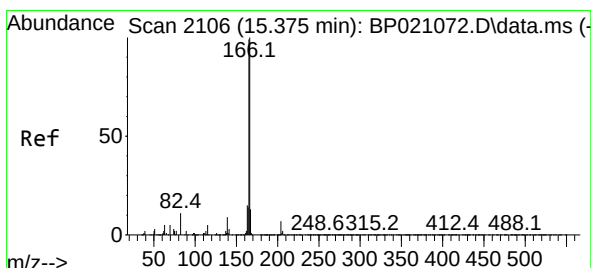
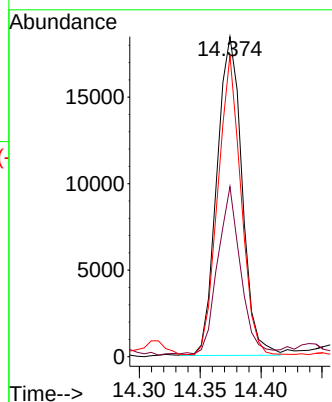
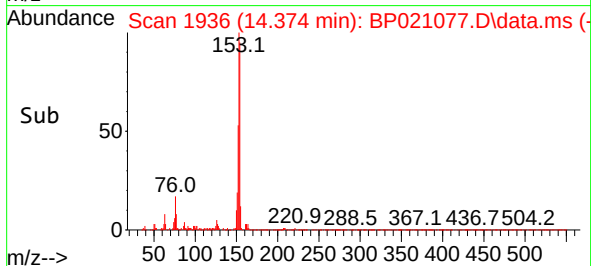
Instrument :
BNA_P
ClientSampleId :
A4BF3



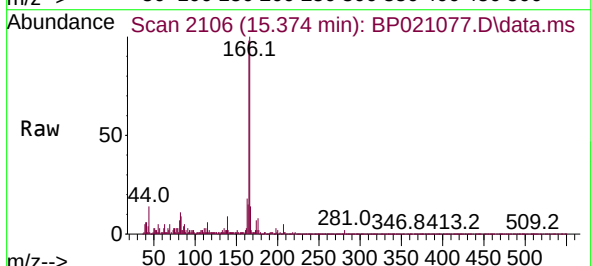
Tgt Ion:153 Resp: 26548
Ion Ratio Lower Upper
153 100
152 53.2 37.8 56.6
154 94.2 71.8 107.6

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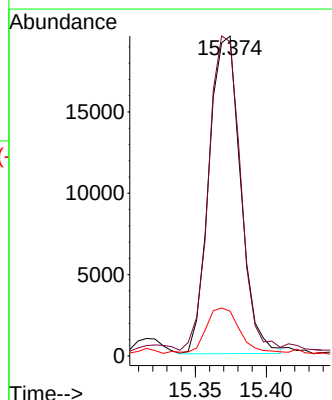
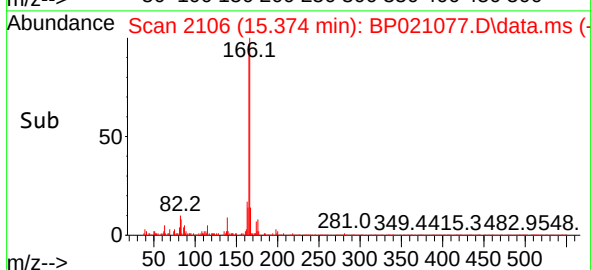
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

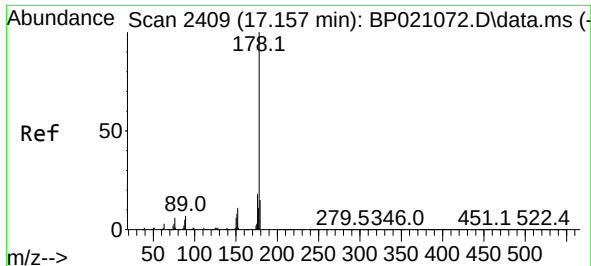


#61
Fluorene
Concen: 1.154 ng/ul
RT: 15.374 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16



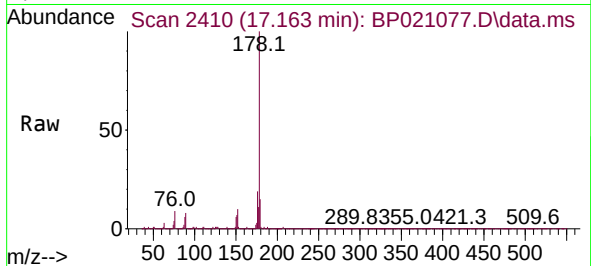
Tgt Ion:166 Resp: 30098
Ion Ratio Lower Upper
166 100
165 98.3 78.1 117.1
167 14.0 10.9 16.3





#72
Phenanthrene
Concen: 16.663 ng/ul
RT: 17.163 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16

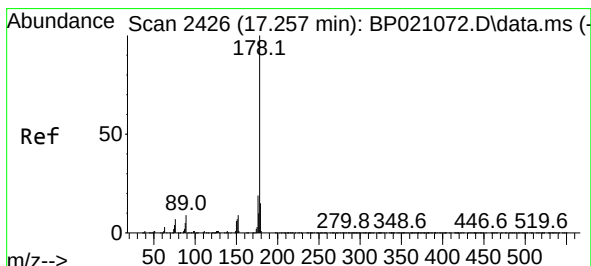
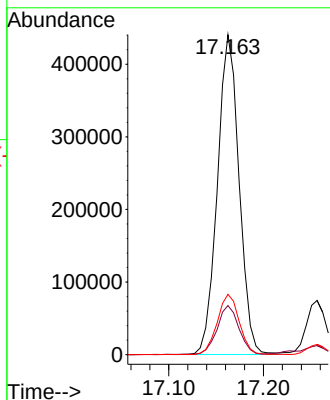
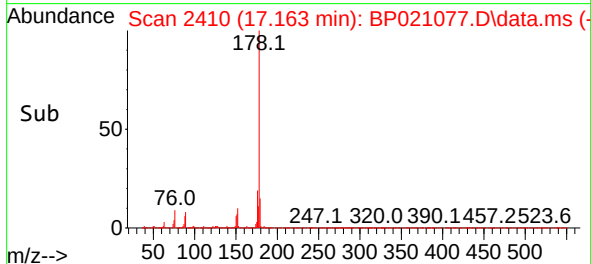
Instrument :
BNA_P
ClientSampleId :
A4BF3



Tgt Ion:178 Resp: 701389
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.9 15.0 22.4

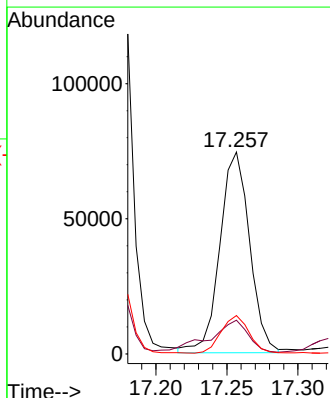
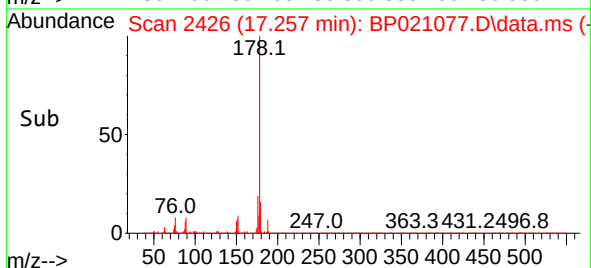
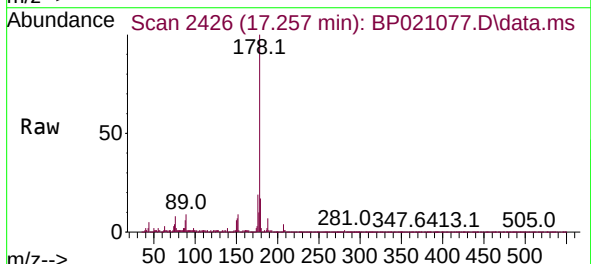
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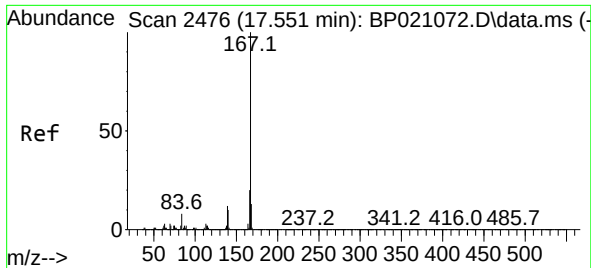
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#74
Anthracene
Concen: 2.523 ng/ul
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16

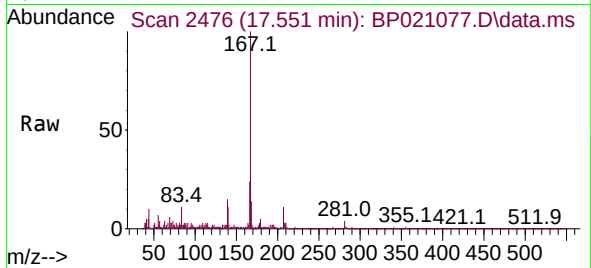
Tgt Ion:178 Resp: 108255
Ion Ratio Lower Upper
178 100
179 16.7 12.5 18.7
176 19.0 14.8 22.2





#77
 Carbazole
 Concen: 1.723 ng/ul
 RT: 17.551 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021077.D
 Acq: 19 Jul 2024 14:16

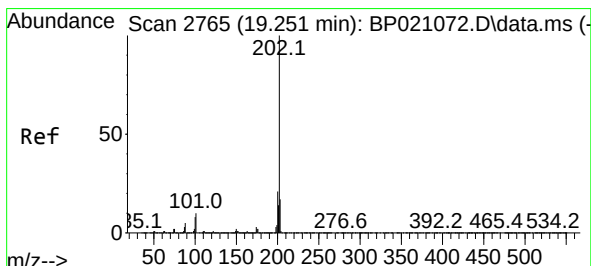
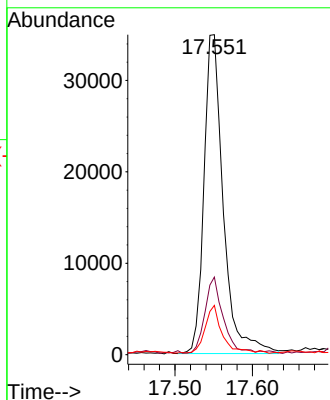
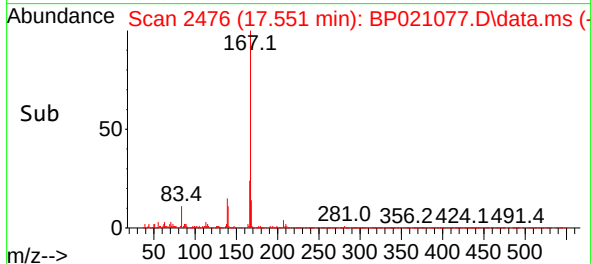
Instrument :
 BNA_P
 ClientSampleId :
 A4BF3



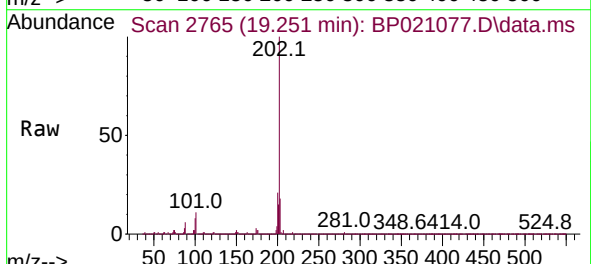
Tgt Ion:167 Resp: 60440
 Ion Ratio Lower Upper
 167 100
 166 24.3 17.3 25.9
 139 15.4 10.2 15.2

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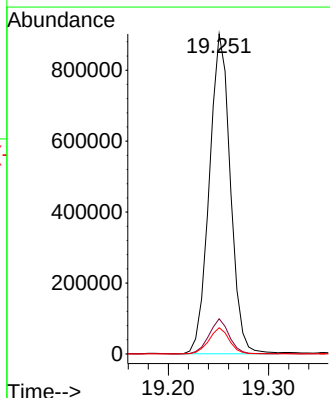
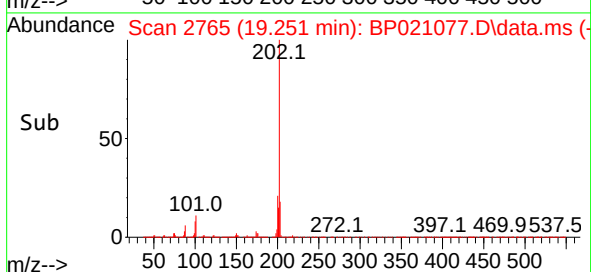
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

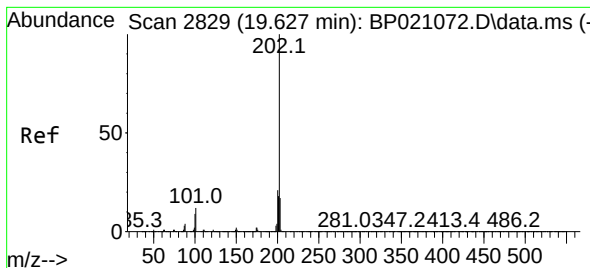


#80
 Fluoranthene
 Concen: 21.972 ng/ul
 RT: 19.251 min Scan# 2765
 Delta R.T. -0.012 min
 Lab File: BP021077.D
 Acq: 19 Jul 2024 14:16



Tgt Ion:202 Resp: 1317767
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.0 12.0
 100 8.2 6.1 9.1





#82

Pyrene

Concen: 16.069 ng/ul

RT: 19.627 min Scan# 2829

Delta R.T. -0.018 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :

A4BF3

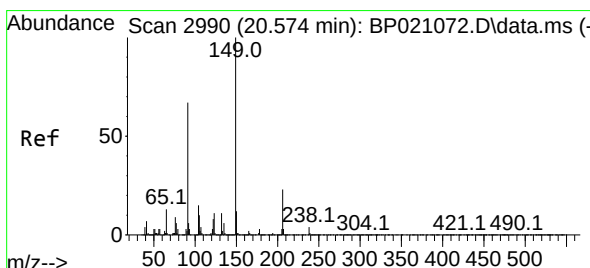
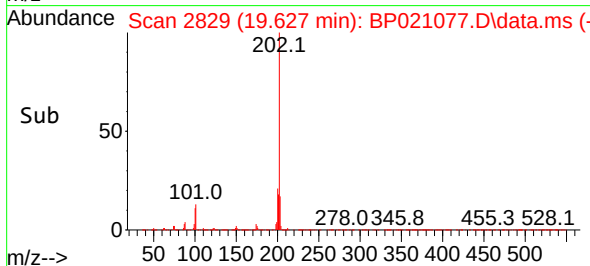
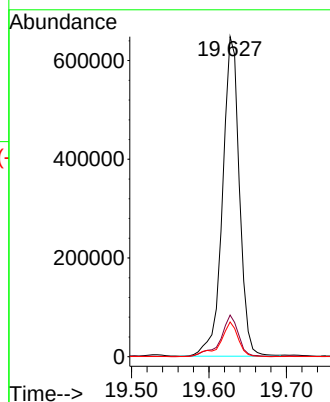
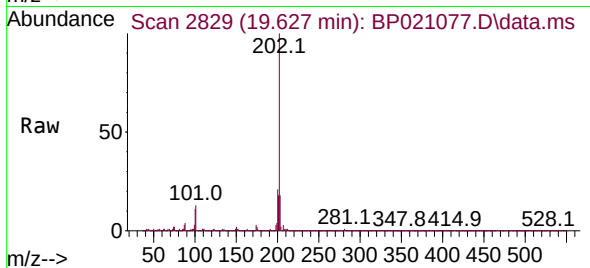
Tgt Ion:	202	Resp:	98066
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.4	14.2
100	10.8	7.8	11.6

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#83

Butylbenzylphthalate

Concen: 1.658 ng/ul

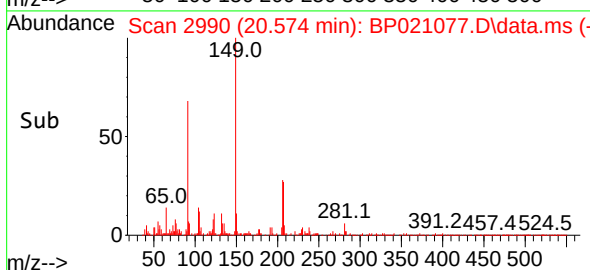
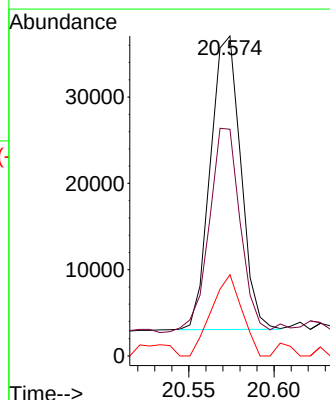
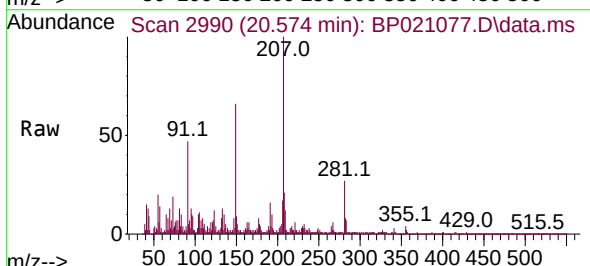
RT: 20.574 min Scan# 2990

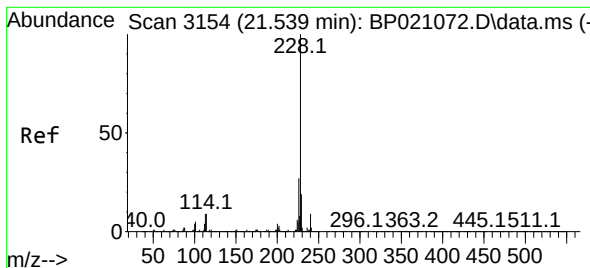
Delta R.T. -0.012 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Tgt Ion:	149	Resp:	42155
Ion Ratio	Lower	Upper	
149	100		
91	70.9	54.1	81.1
206	25.4	17.0	25.6





#85

Benzo(a)anthracene

Concen: 10.096 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. -0.024 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :

A4BF3

Tgt Ion:228 Resp: 56809

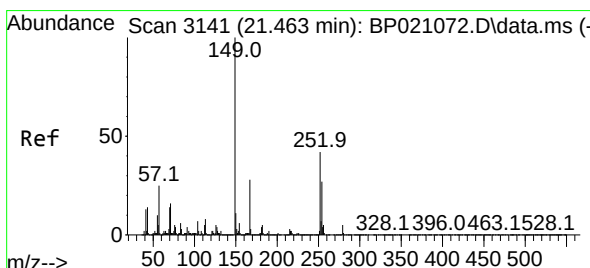
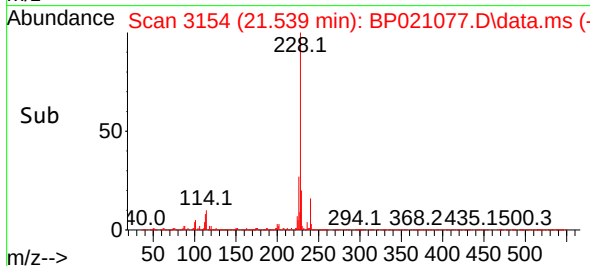
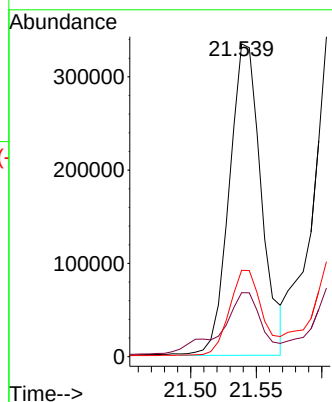
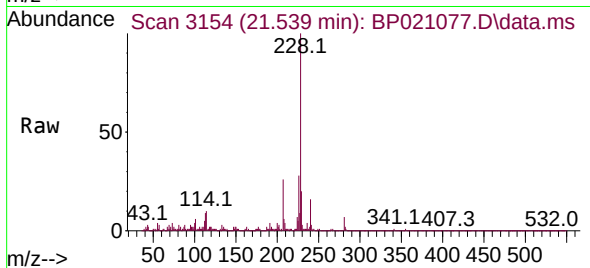
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	27.6	21.4	32.2

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.691 ng/ul

RT: 21.456 min Scan# 3140

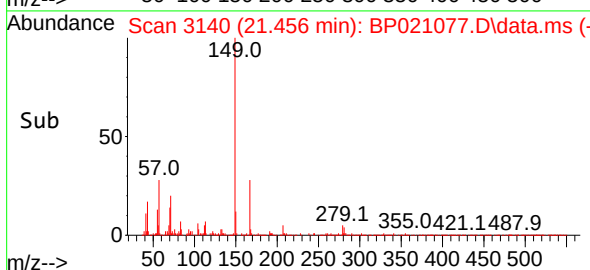
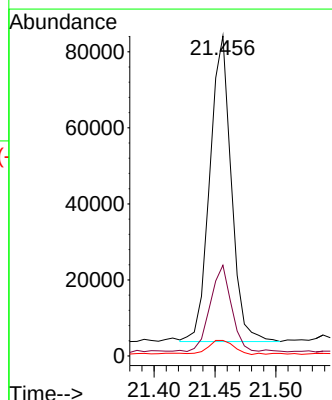
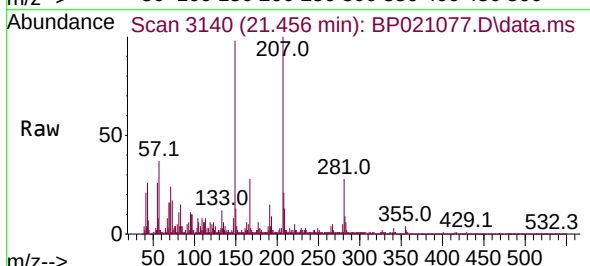
Delta R.T. -0.012 min

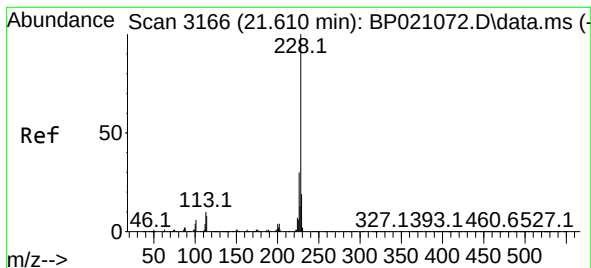
Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Tgt Ion:149 Resp: 98470

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.1	33.1
279	4.8	3.7	5.5





#87

Chrysene

Concen: 12.167 ng/ul

RT: 21.609 min Scan# 3166

Delta R.T. -0.018 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :

A4BF3

Tgt Ion:228 Resp: 636170

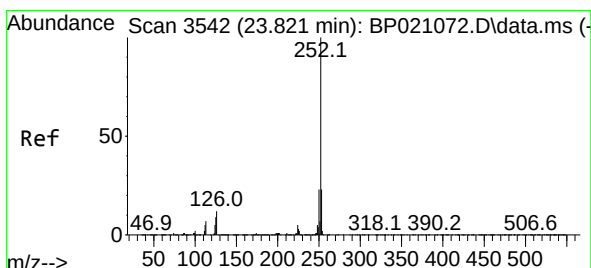
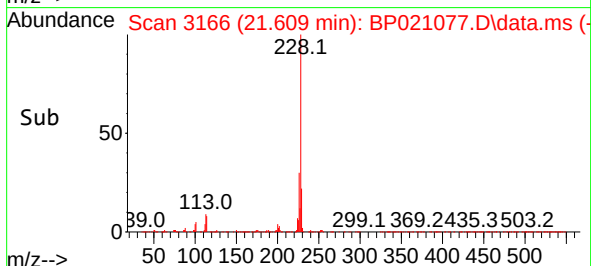
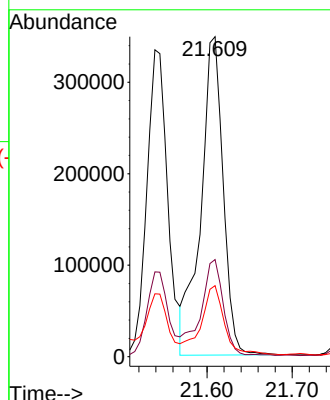
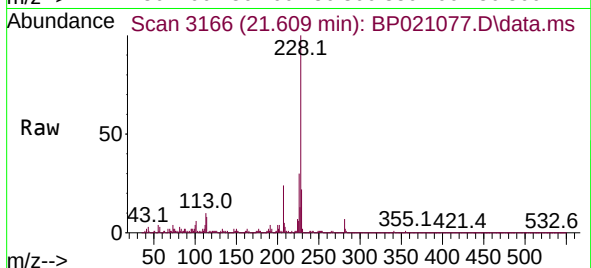
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	22.2	15.5	23.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#90

Benzo(b)fluoranthene

Concen: 13.796 ng/ul

RT: 23.821 min Scan# 3542

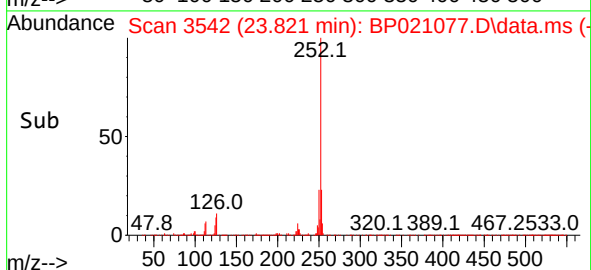
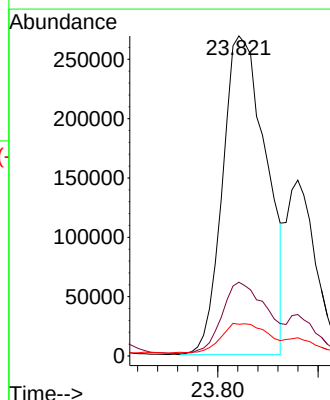
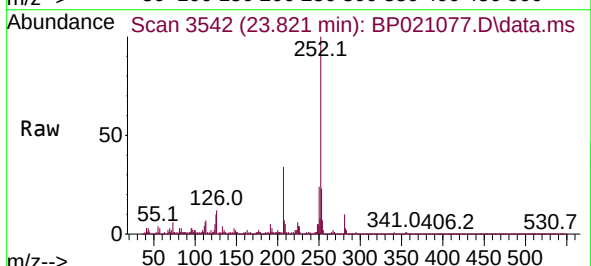
Delta R.T. -0.030 min

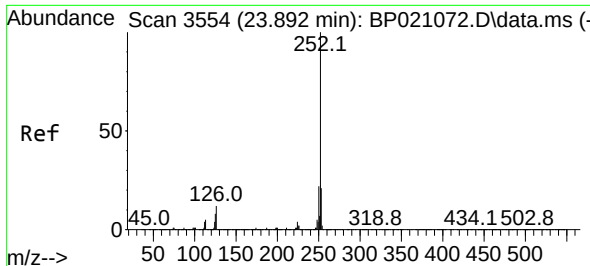
Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Tgt Ion:252 Resp: 812275

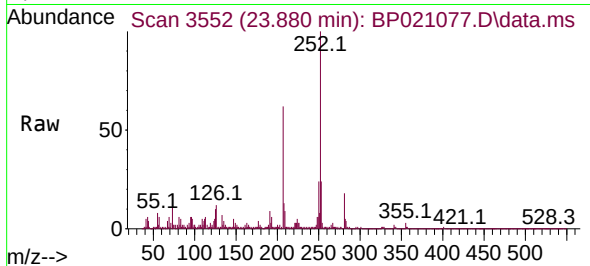
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	9.9	7.0	10.4





#91
Benzo(k)fluoranthene
Concen: 4.949 ng/u1
RT: 23.880 min Scan# 3554
Delta R.T. -0.041 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16

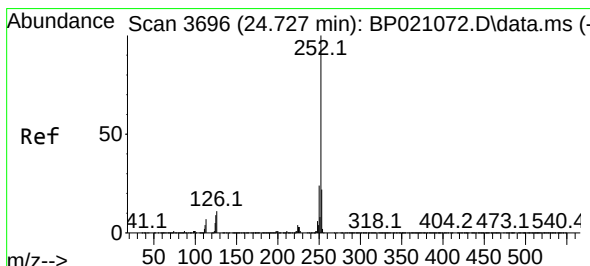
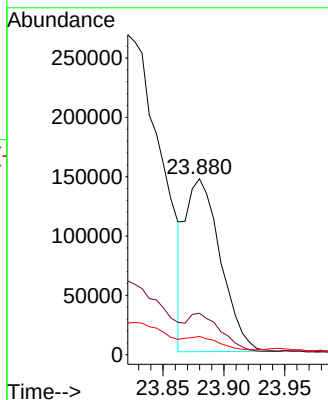
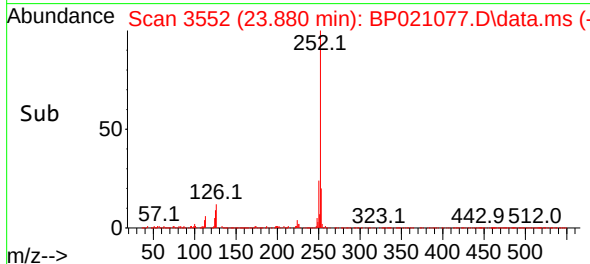
Instrument :
BNA_P
ClientSampleId :
A4BF3



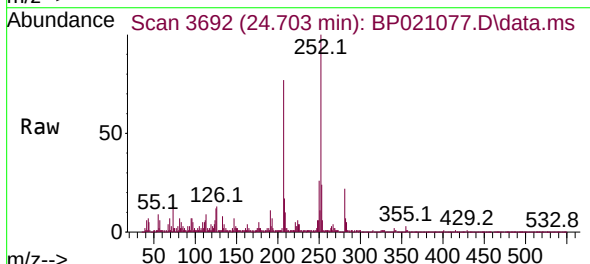
Tgt Ion:252 Resp: 290798
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 10.4 7.4 11.0

Manual Integrations
APPROVED

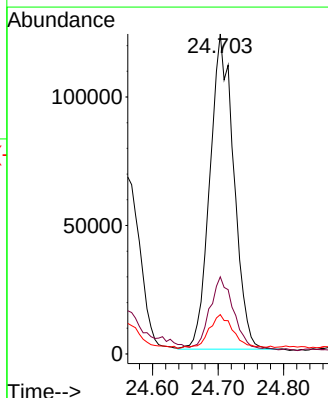
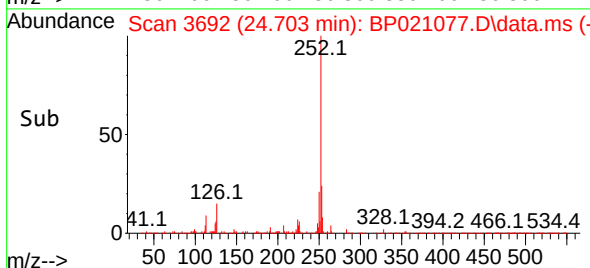
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

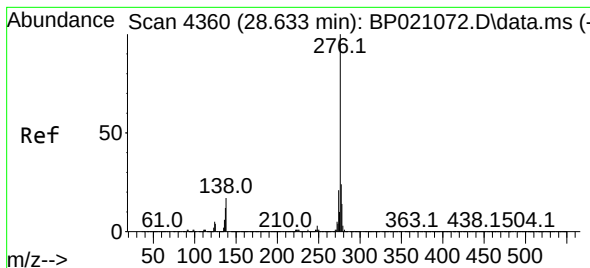


#93
Benzo(a)pyrene
Concen: 5.564 ng/u1
RT: 24.703 min Scan# 3692
Delta R.T. -0.059 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16



Tgt Ion:252 Resp: 309572
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 12.3 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.199 ng/ul

RT: 28.627 min Scan# 4359

Delta R.T. -0.077 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :

A4BF3

Tgt Ion:276 Resp: 301028

Ion Ratio Lower Upper

276 100

138 17.8 14.3 21.5

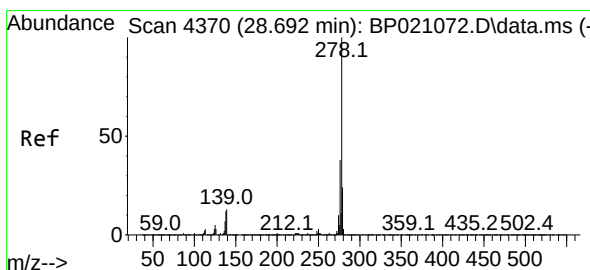
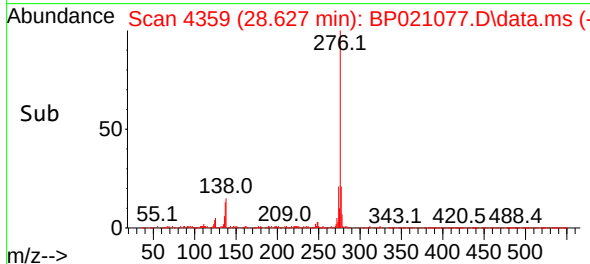
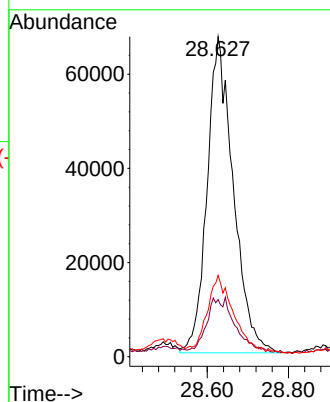
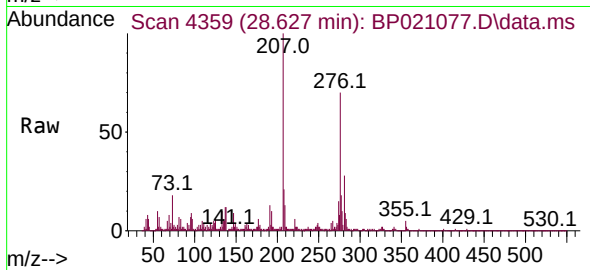
277 25.4 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.771 ng/ul m

RT: 28.680 min Scan# 4368

Delta R.T. -0.059 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Tgt Ion:278 Resp: 105167

Ion Ratio Lower Upper

278 100

139 18.2 10.9 16.3#

279 30.4 19.4 29.0#

