

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021065.D
 Acq On : 19 Jul 2024 05:02
 Operator : MA/JU
 Sample : P3201-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CJ3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 06:15:02 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	173374	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.452	136	690529	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	452019	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1006757	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1020448	20.000	ng/u1	-0.01
88) Perylene-d12	24.880	264	1201667	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	12002	3.150	ng/uL	0.00
4) Pyridine-d5	3.670	84	19867m	1.801	ng/u1	0.01
7) Phenol-d5	6.893	99	248882	17.608	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	149320	17.432	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	216499	18.590	ng/u1	0.00
15) 4-Methylphenol-d8	8.410	113	164143	13.982	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	99794	18.606	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	121077	19.723	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	211343	19.039	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	135603m	9.221	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	653593	19.891	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	769082	20.844	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	95479m	20.422	ng/u1	0.00
60) Fluorene-d10	15.316	176	587154	21.781	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	77216	12.676	ng/u1	0.00
73) Anthracene-d10	17.228	188	957308	21.409	ng/u1	0.00
81) Pyrene-d10	19.610	212	1066731	16.909	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.657	264	860262	14.515	ng/u1	-0.03
Target Compounds					Qvalue	
16) Acetophenone	8.510	105	19170	1.058	ng/u1	96
72) Phenanthrene	17.169	178	631223	12.086	ng/u1	100
74) Anthracene	17.257	178	128800	2.419	ng/u1	98
77) Carbazole	17.557	167	72007	1.654	ng/u1	99
80) Fluoranthene	19.257	202	1565898	20.553	ng/u1	99
82) Pyrene	19.639	202	1111911	14.342	ng/u1	100
85) Benzo(a)anthracene	21.545	228	724093	10.130	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	223128	4.800	ng/u1	98
87) Chrysene	21.610	228	832844	12.538	ng/u1	98
90) Benzo(b)fluoranthene	23.839	252	1156416	15.858	ng/u1	96
91) Benzo(k)fluoranthene	23.904	252	422125m	5.800	ng/u1	
93) Benzo(a)pyrene	24.733	252	414440	6.014	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.668	276	428255m	4.823	ng/u1	
95) Dibenzo(a,h)anthracene	28.698	278	148112m	2.014	ng/u1	

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

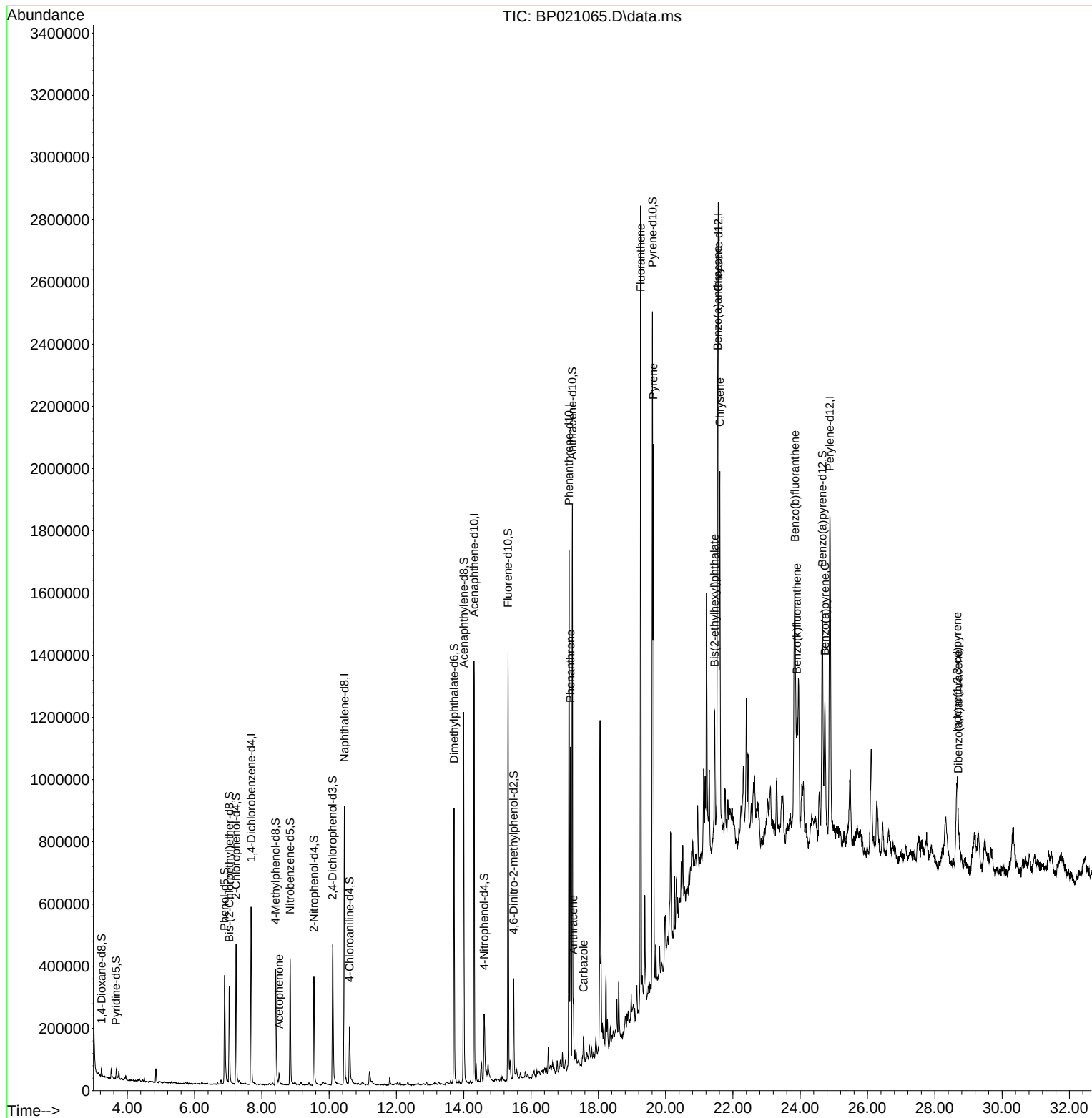
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021065.D
 Acq On : 19 Jul 2024 05:02
 Operator : MA/JU
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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

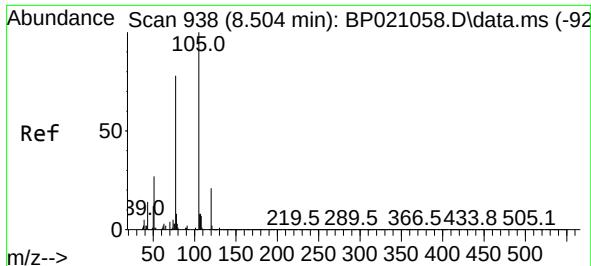
Instrument :
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 Quant Title : SVOA CALIBRATION
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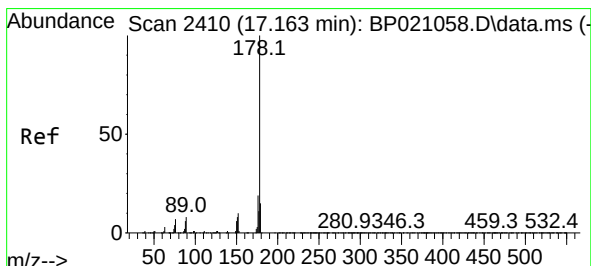
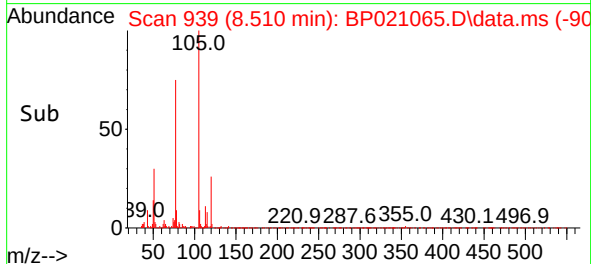
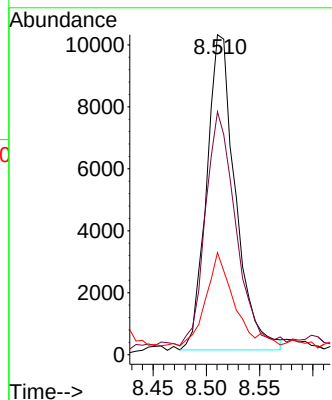
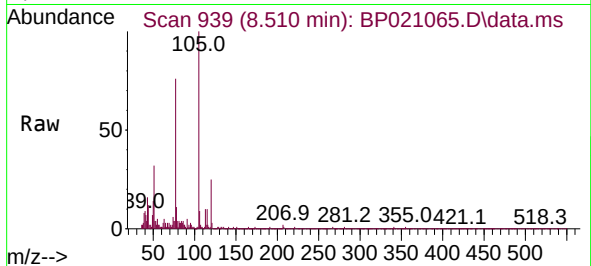
#16
Acetophenone
Concen: 1.058 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP021065.D
Acq: 19 Jul 2024 05:02

Instrument :
BNA_P
ClientSampleId :
A4CJ3

Tgt Ion:105 Resp: 19170
Ion Ratio Lower Upper
105 100
77 75.9 61.8 92.8
51 31.9 21.5 32.3

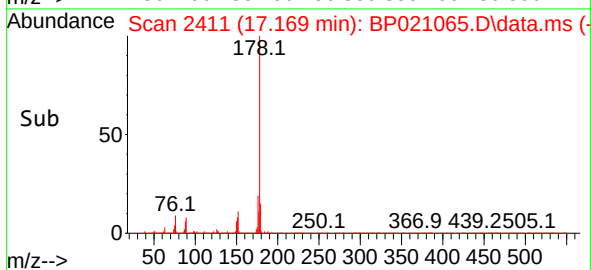
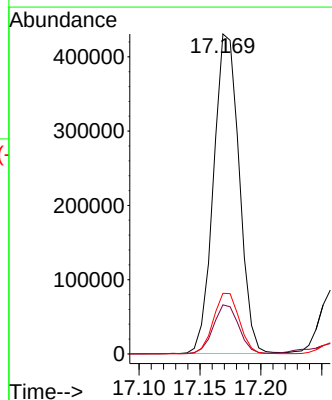
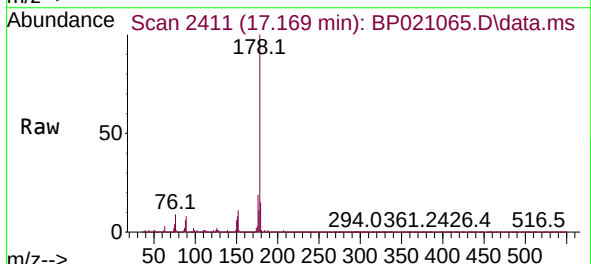
Manual Integrations
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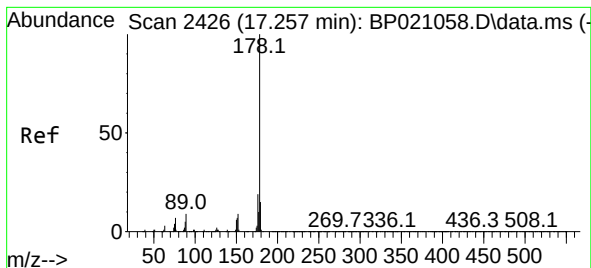
Reviewed By :Jagrut Upadhyay 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#72
Phenanthrene
Concen: 12.086 ng/ul
RT: 17.169 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BP021065.D
Acq: 19 Jul 2024 05:02

Tgt Ion:178 Resp: 631223
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.9 15.0 22.4





#74

Anthracene

Concen: 2.419 ng/ul

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Instrument :

BNA_P

ClientSampleId :

A4CJ3

Tgt Ion:178 Resp: 128800

Ion Ratio Lower Upper

178 100

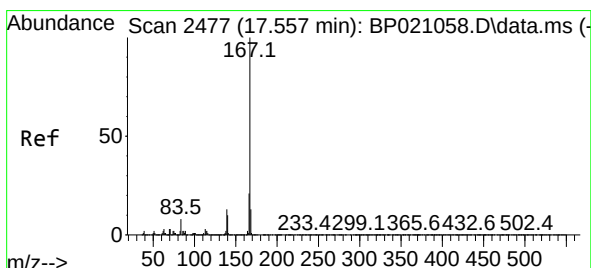
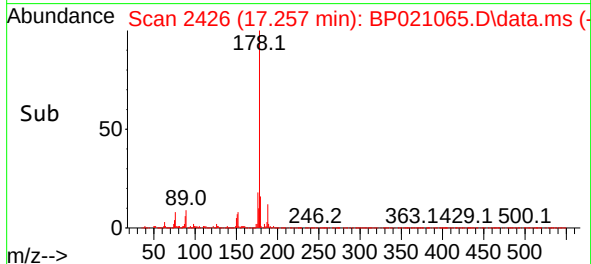
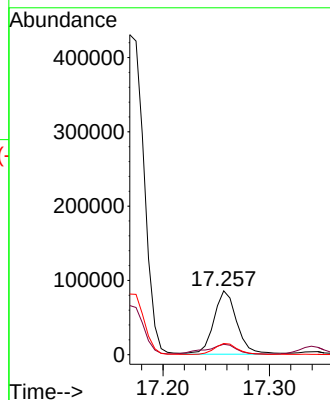
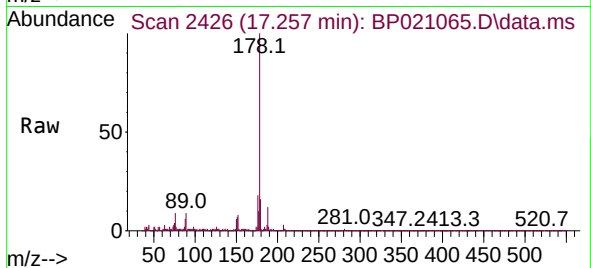
179 16.2 12.5 18.7

176 17.6 14.8 22.2

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#77

Carbazole

Concen: 1.654 ng/ul

RT: 17.557 min Scan# 2477

Delta R.T. -0.006 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

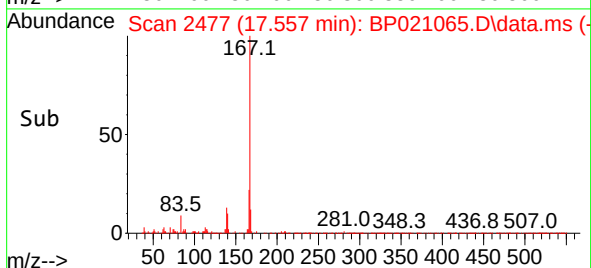
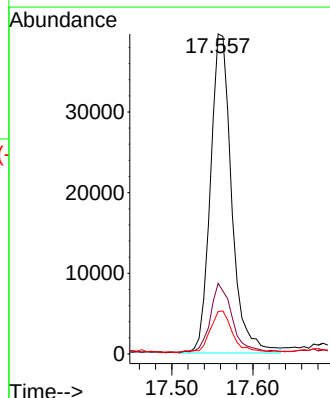
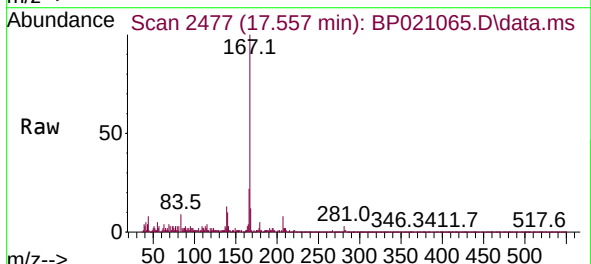
Tgt Ion:167 Resp: 72007

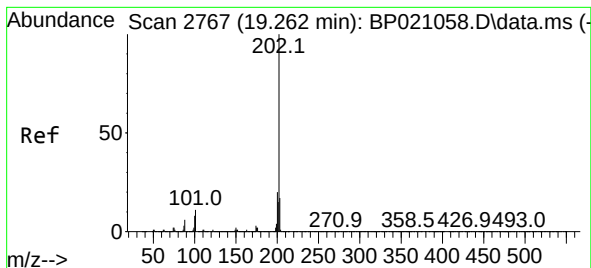
Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

139 13.2 10.2 15.2





#80

Fluoranthene

Concen: 20.553 ng/uI

RT: 19.257 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Instrument :

BNA_P

ClientSampleId :

A4CJ3

Tgt Ion:202 Resp: 156589

Ion Ratio Lower Upper

202 100

101 10.6 8.0 12.0

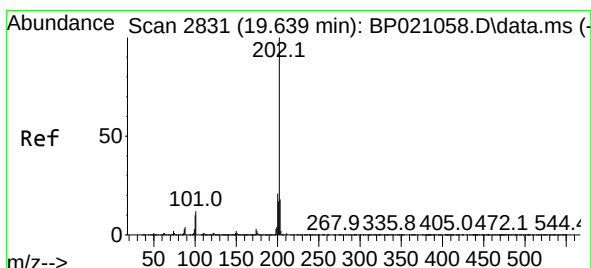
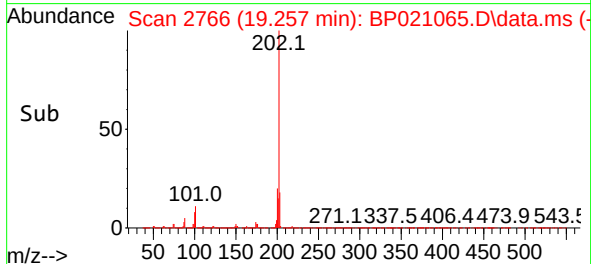
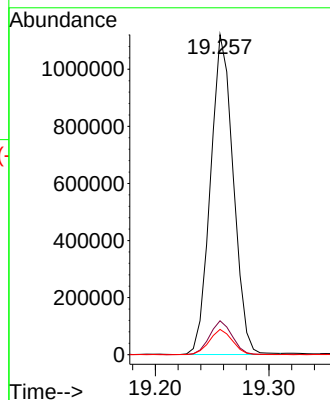
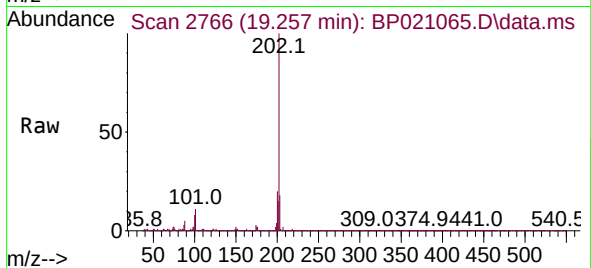
100 7.9 6.1 9.1

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#82

Pyrene

Concen: 14.342 ng/uI

RT: 19.639 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

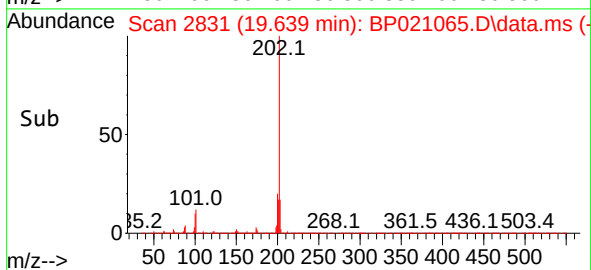
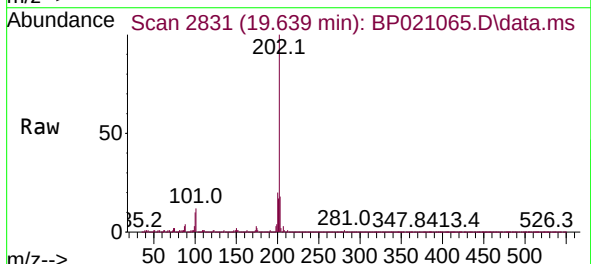
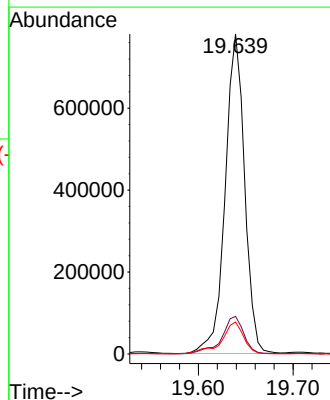
Tgt Ion:202 Resp: 1111911

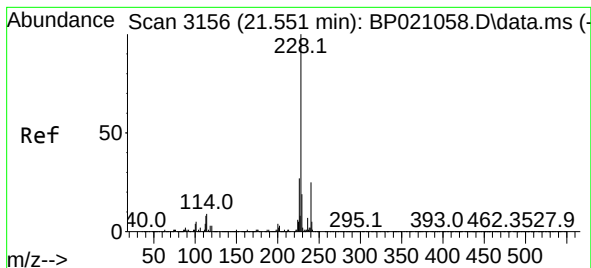
Ion Ratio Lower Upper

202 100

101 11.8 9.4 14.2

100 10.0 7.8 11.6





#85

Benzo(a)anthracene

Concen: 10.130 ng/ul

RT: 21.545 min Scan# 3156

Delta R.T. -0.018 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Instrument :

BNA_P

ClientSampleId :

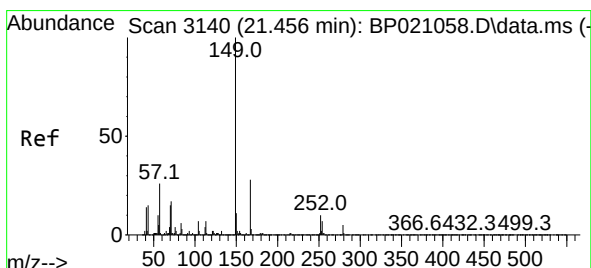
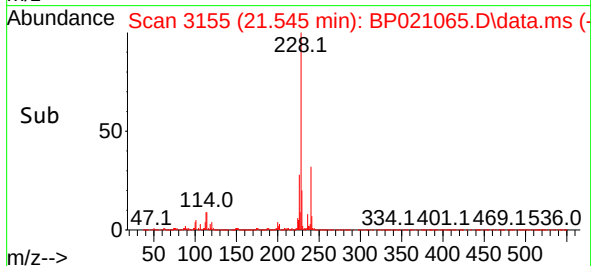
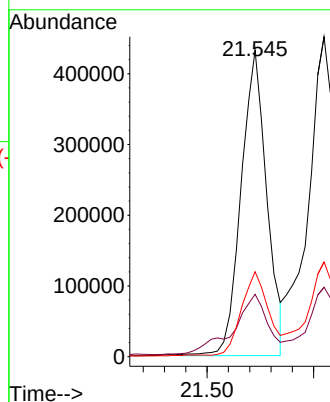
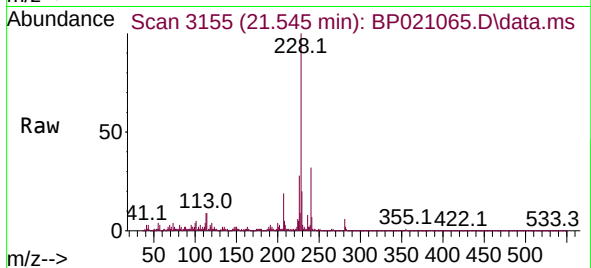
A4CJ3

Tgt Ion:	228	Resp:	72409
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.5	23.3
226	27.7	21.4	32.2

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.800 ng/ul

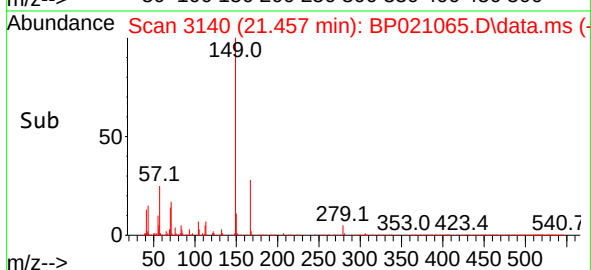
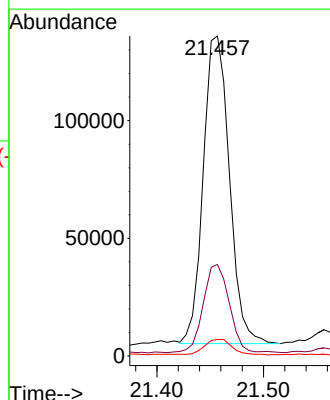
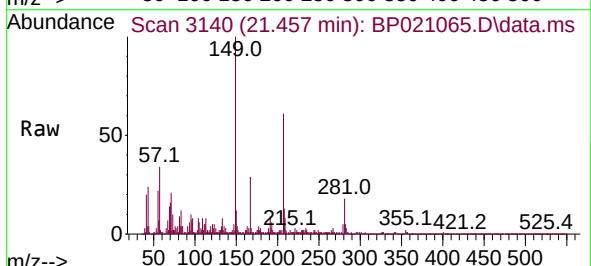
RT: 21.457 min Scan# 3140

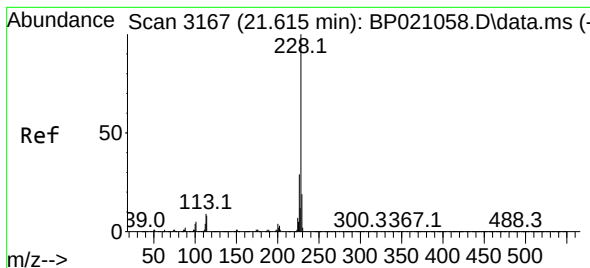
Delta R.T. -0.012 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Tgt Ion:	149	Resp:	223128
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.1	33.1
279	5.2	3.7	5.5





#87

Chrysene

Concen: 12.538 ng/ul

RT: 21.610 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Instrument :

BNA_P

ClientSampleId :

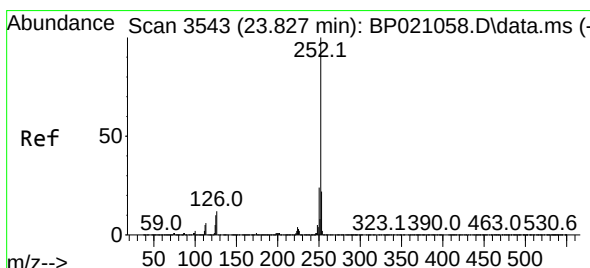
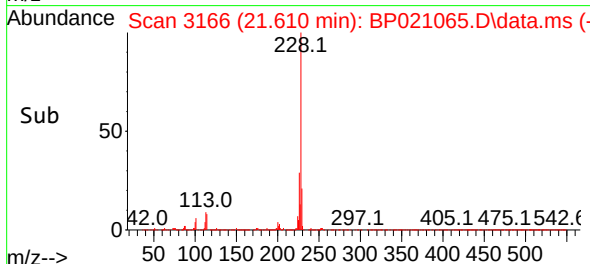
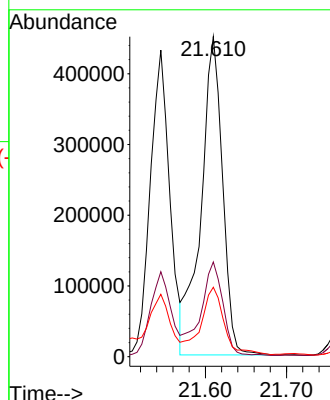
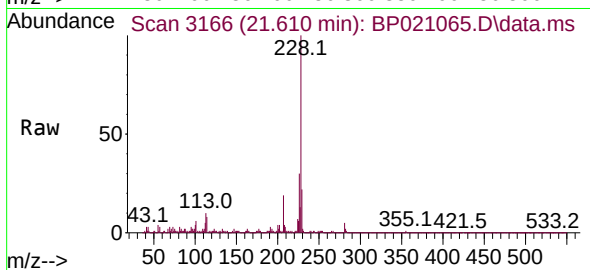
A4CJ3

Tgt Ion:228 Resp: 832844
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.6 35.4
 229 21.7 15.5 23.3

Manual Integrations

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 Supervised By :mohammad ahmed 07/20/2024



#90

Benzo(b)fluoranthene

Concen: 15.858 ng/ul

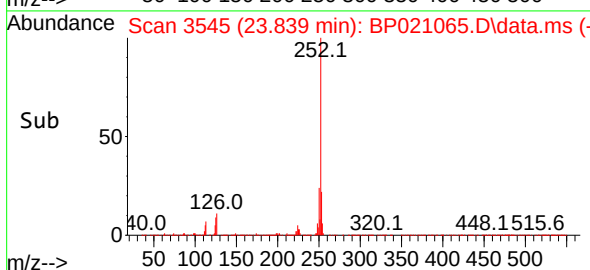
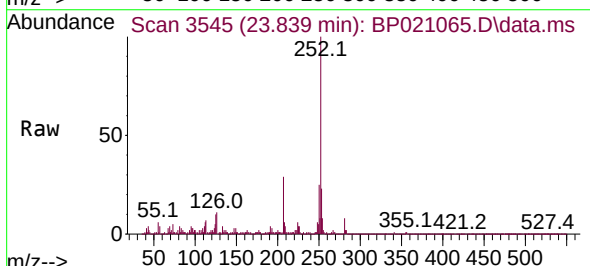
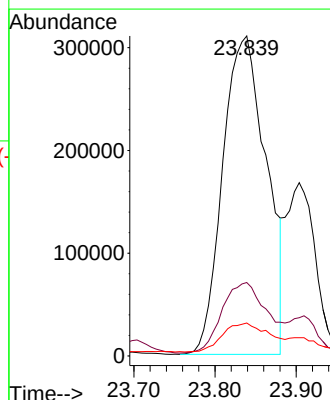
RT: 23.839 min Scan# 3545

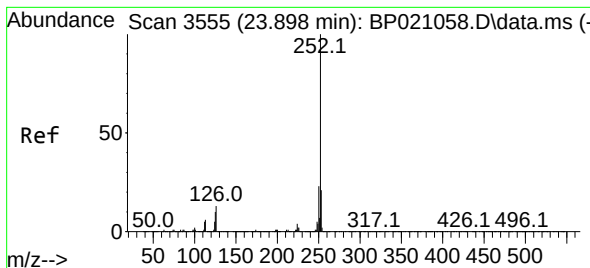
Delta R.T. -0.012 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Tgt Ion:252 Resp: 1156416
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.1 25.7
 125 10.3 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 5.800 ng/ul m

RT: 23.904 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Instrument :

BNA_P

ClientSampleId :

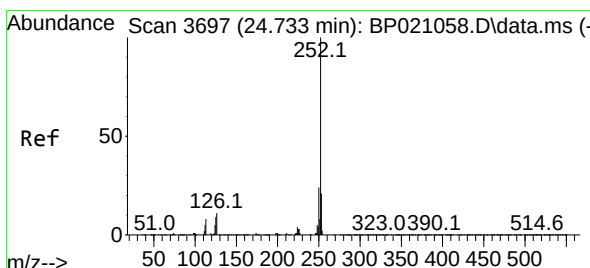
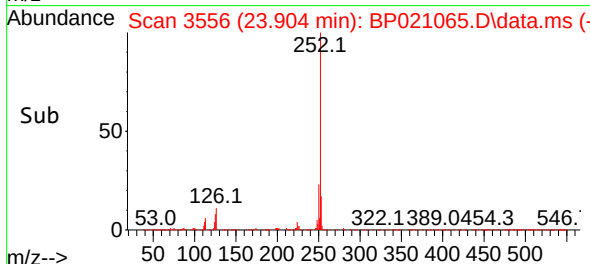
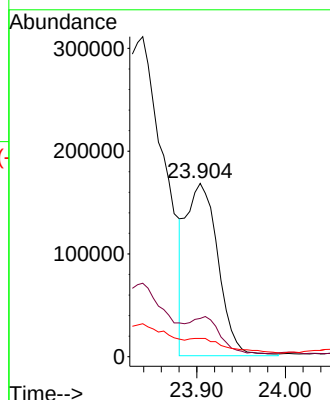
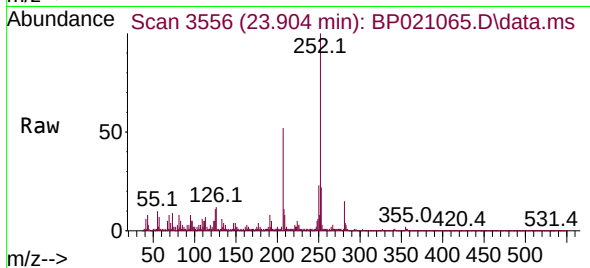
A4CJ3

Tgt Ion:	252	Resp:	42212
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	10.5	7.4	11.0

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#93

Benzo(a)pyrene

Concen: 6.014 ng/ul

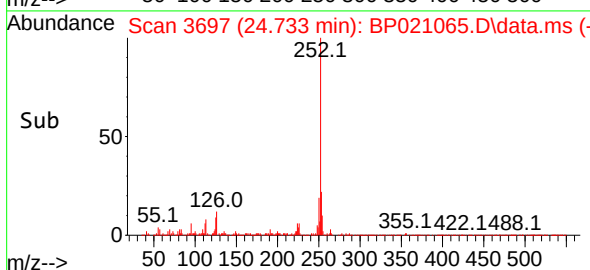
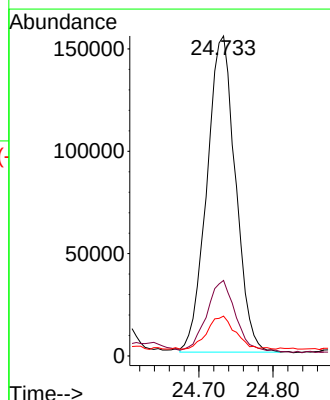
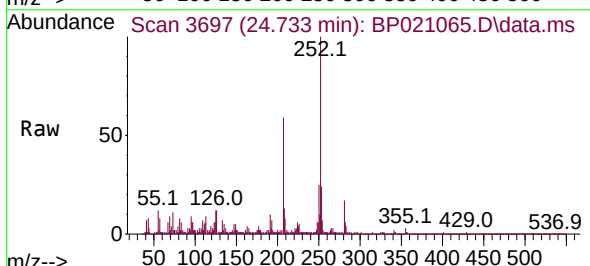
RT: 24.733 min Scan# 3697

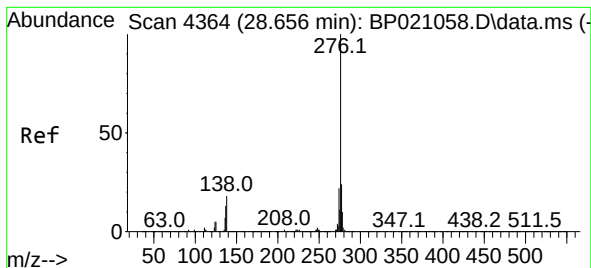
Delta R.T. -0.029 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Tgt Ion:	252	Resp:	414440
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	12.4	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.823 ng/ul m

RT: 28.668 min Scan# 4364

Delta R.T. -0.035 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Instrument :

BNA_P

ClientSampleId :

A4CJ3

Tgt Ion:276 Resp: 42825

Ion Ratio Lower Upper

276 100

138 17.3 14.3 21.5

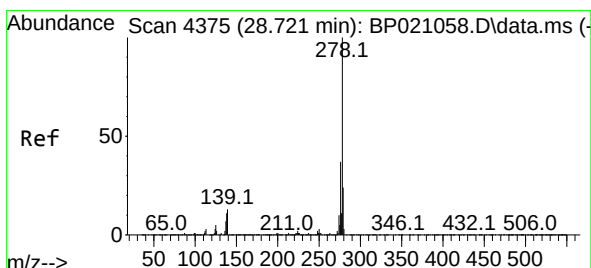
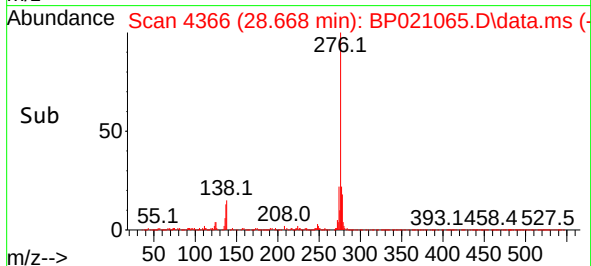
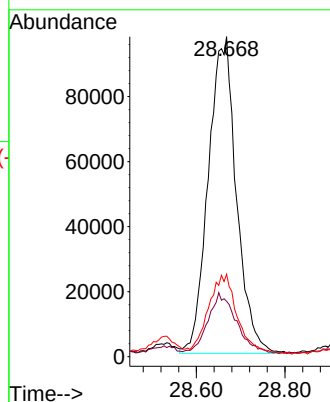
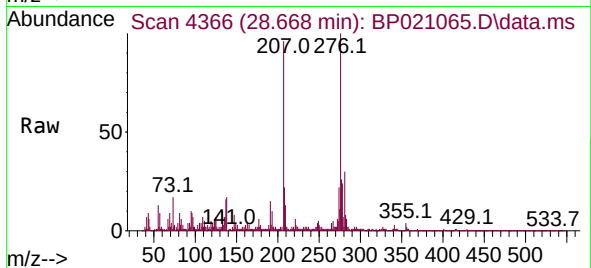
277 25.7 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/19/2024

Supervised By :mohammad ahmed 07/20/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.014 ng/ul m

RT: 28.698 min Scan# 4371

Delta R.T. -0.041 min

Lab File: BP021065.D

Acq: 19 Jul 2024 05:02

Tgt Ion:278 Resp: 148112

Ion Ratio Lower Upper

278 100

139 18.3 10.9 16.3#

279 35.5 19.4 29.0#

