

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021062.D
 Acq On : 19 Jul 2024 02:55
 Operator : MA/JU
 Sample : P3201-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BY9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 03:38:40 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	7.675	152	160476	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.446	136	657756	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	429573	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	966723	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1008200	20.000	ng/u1	-0.01
88) Perylene-d12	24.892	264	1226711	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	10543	2.990	ng/uL	0.00
4) Pyridine-d5	3.664	84	14036m	1.375	ng/u1	0.00
7) Phenol-d5	6.893	99	277294	21.195	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.022	67	155441	19.605	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.234	132	230477	21.381	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	223946	20.609	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	109247	21.384	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	125370	21.440	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	226124	21.386	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	177990	12.707	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	681882	21.836	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	795906	22.698	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	101004m	22.733	ng/u1	0.00
60) Fluorene-d10	15.316	176	619799	24.193	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	88958	15.209	ng/u1	0.00
73) Anthracene-d10	17.222	188	986441	22.974	ng/u1	0.00
81) Pyrene-d10	19.598	212	933056	14.969	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.645	264	657287	10.864	ng/u1	-0.04
Target Compounds					Qvalue	
72) Phenanthrene	17.163	178	591679	11.798	ng/u1	100
74) Anthracene	17.257	178	111567	2.182	ng/u1	98
77) Carbazole	17.557	167	52225	1.250	ng/u1	99
80) Fluoranthene	19.257	202	1412620	18.766	ng/u1	98
82) Pyrene	19.633	202	787056	10.275	ng/u1	99
85) Benzo(a)anthracene	21.545	228	650293	9.208	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	229636	5.000	ng/u1	99
87) Chrysene	21.616	228	726721	11.074	ng/u1	98
90) Benzo(b)fluoranthene	23.833	252	1013123	13.609	ng/u1	97
91) Benzo(k)fluoranthene	23.892	252	339175	4.565	ng/u1	97
93) Benzo(a)pyrene	24.721	252	247883	3.524	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.656	276	276351	3.049	ng/u1	97
95) Dibenzo(a,h)anthracene	28.698	278	128726	1.715	ng/u1#	90

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

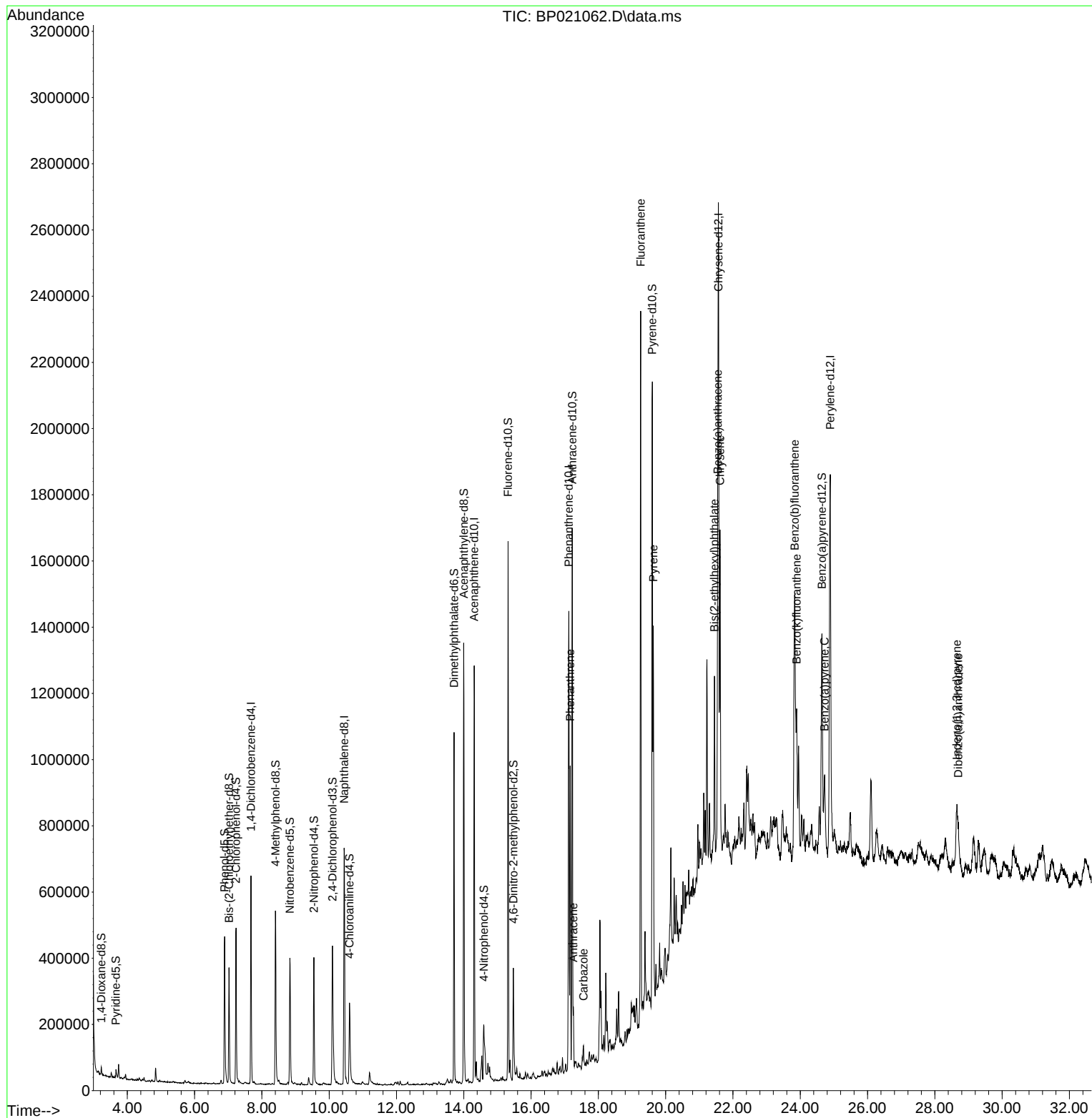
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021062.D
Acq On : 19 Jul 2024 02:55
Operator : MA/JU
Sample : P3201-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

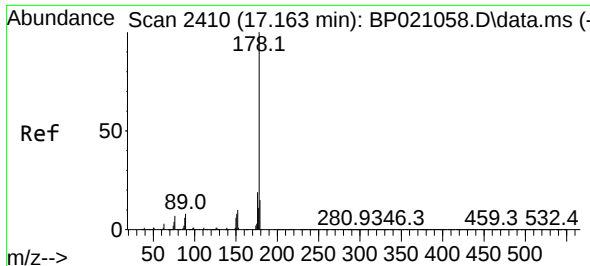
Instrument :
BNA_P
ClientSampleId :
A4BY9

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Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024

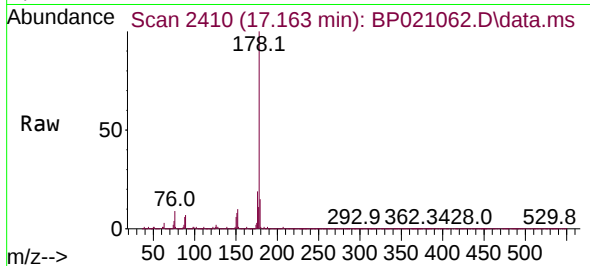
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 11.798 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP021062.D
Acq: 19 Jul 2024 02:55

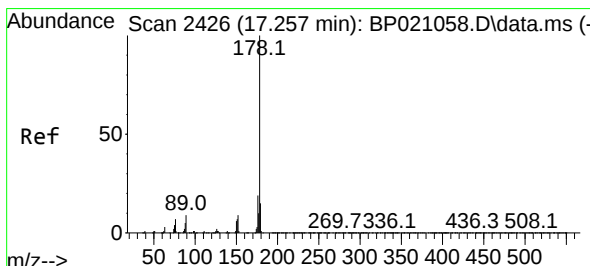
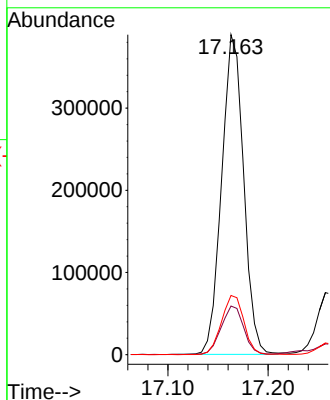
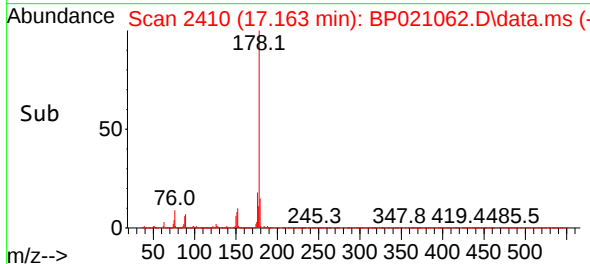
Instrument :
BNA_P
ClientSampleId :
A4BY9



Tgt Ion:178 Resp: 591679
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 18.5 15.0 22.4

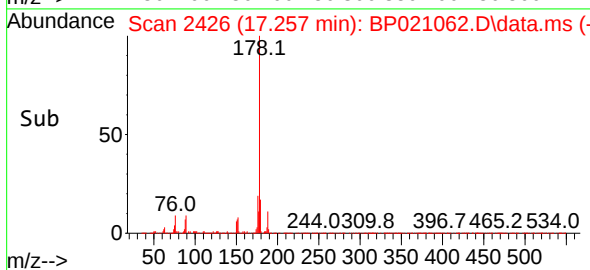
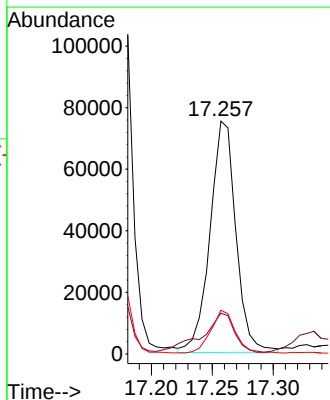
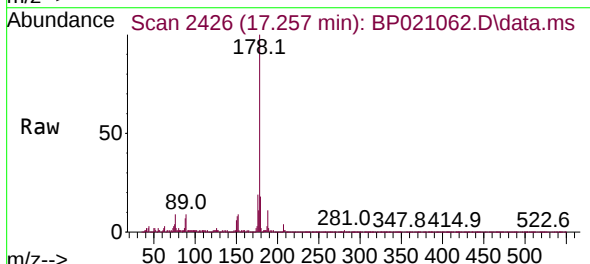
Manual Integrations
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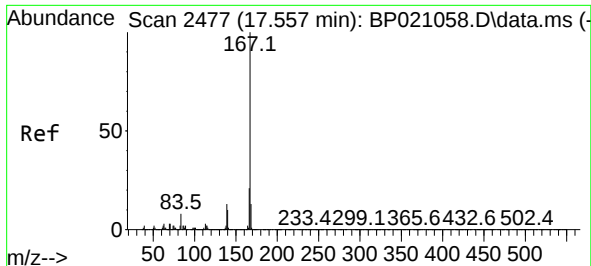
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#74
Anthracene
Concen: 2.182 ng/ul
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP021062.D
Acq: 19 Jul 2024 02:55

Tgt Ion:178 Resp: 111567
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 18.8 14.8 22.2





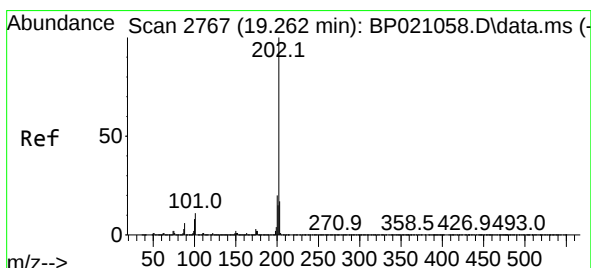
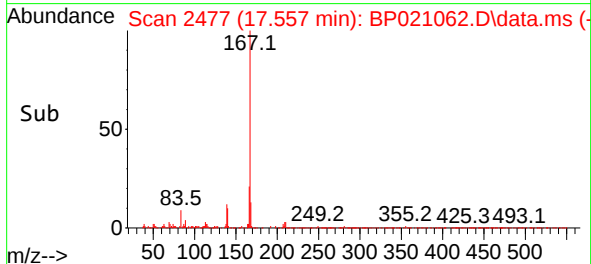
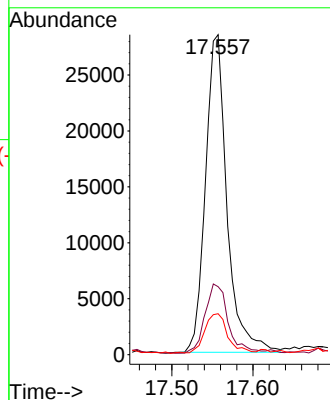
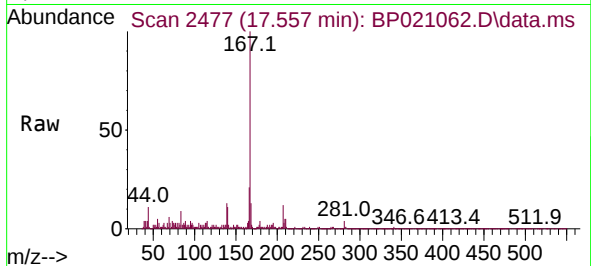
#77
 Carbazole
 Concen: 1.250 ng/ul
 RT: 17.557 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP021062.D
 Acq: 19 Jul 2024 02:55

Instrument :
 BNA_P
 ClientSampleId :
 A4BY9

Tgt Ion:	167	Resp:	5222
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.3	25.9
139	12.8	10.2	15.2

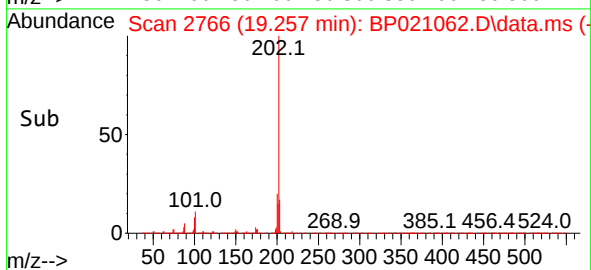
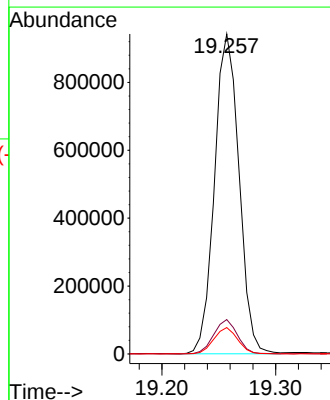
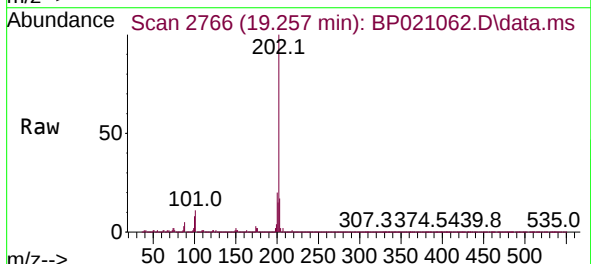
Manual Integrations
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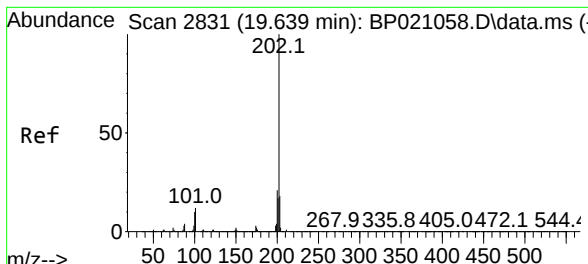
Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024



#80
 Fluoranthene
 Concen: 18.766 ng/ul
 RT: 19.257 min Scan# 2766
 Delta R.T. -0.006 min
 Lab File: BP021062.D
 Acq: 19 Jul 2024 02:55

Tgt Ion:	202	Resp:	1412620
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.0	12.0
100	8.2	6.1	9.1



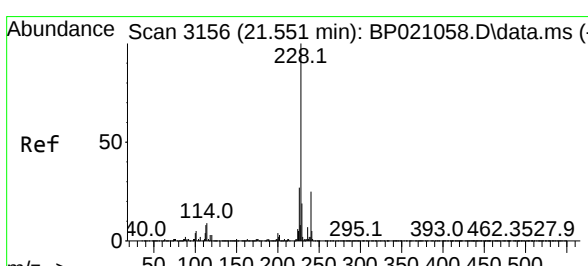
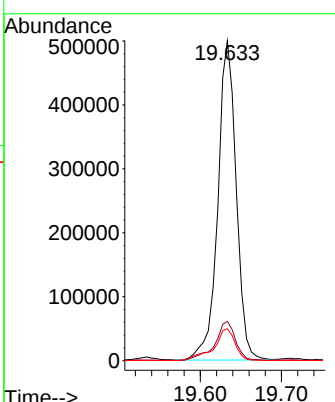
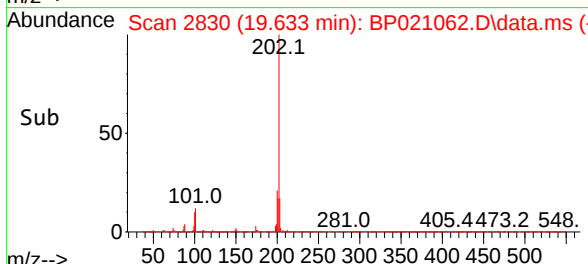
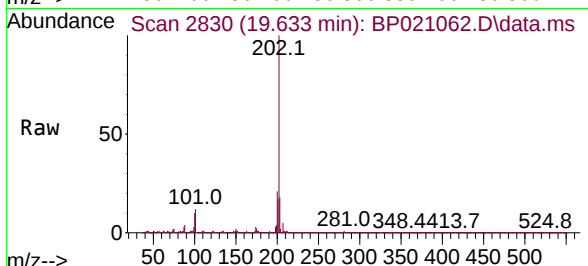


#82
 Pyrene
 Concen: 10.275 ng/ul
 RT: 19.633 min Scan# 2830
 Delta R.T. -0.012 min
 Lab File: BP021062.D
 Acq: 19 Jul 2024 02:55

Instrument : BNA_P
 ClientSampleId : A4BY9

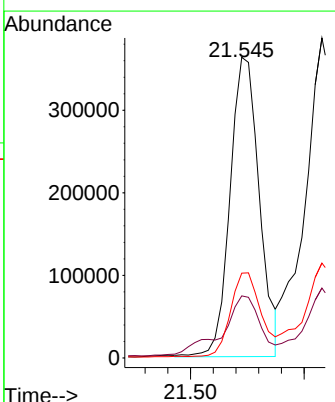
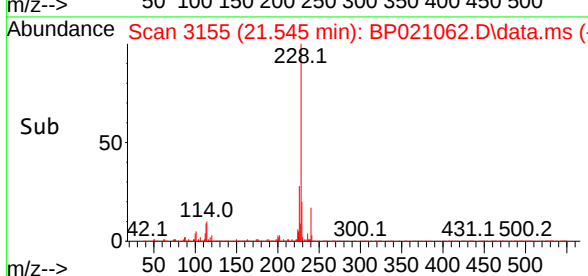
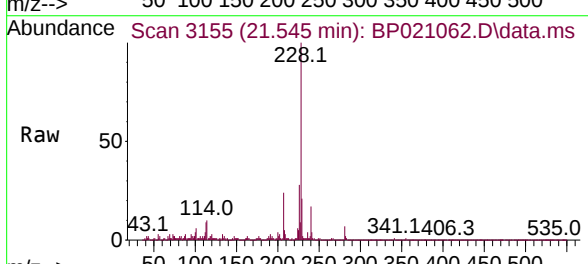
Tgt Ion:	202	Resp:	78705
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.4	14.2
100	10.0	7.8	11.6

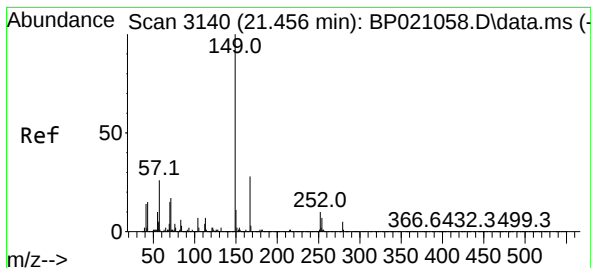
Manual Integrations
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 Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024



#85
 Benzo(a)anthracene
 Concen: 9.208 ng/ul
 RT: 21.545 min Scan# 3155
 Delta R.T. -0.018 min
 Lab File: BP021062.D
 Acq: 19 Jul 2024 02:55

Tgt Ion:	228	Resp:	650293
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.5	23.3
226	28.2	21.4	32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 5.000 ng/ul

RT: 21.451 min Scan# 3140

Delta R.T. -0.018 min

Lab File: BP021062.D

Acq: 19 Jul 2024 02:55

Instrument :

BNA_P

ClientSampleId :

A4BY9

Tgt Ion:149 Resp: 229630

Ion Ratio Lower Upper

149 100

167 27.1 22.1 33.1

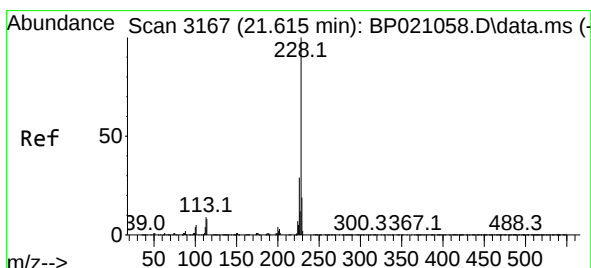
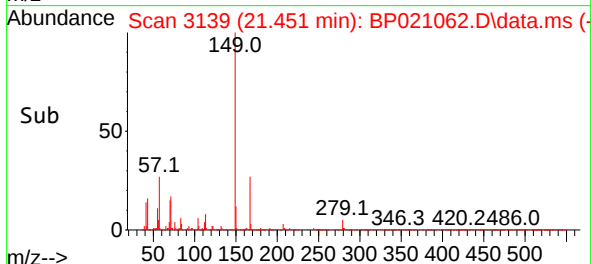
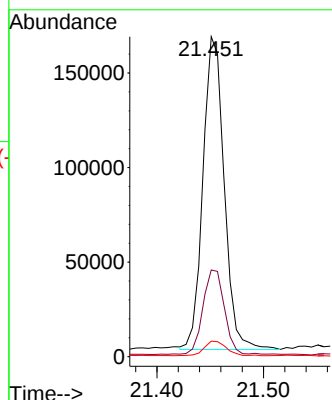
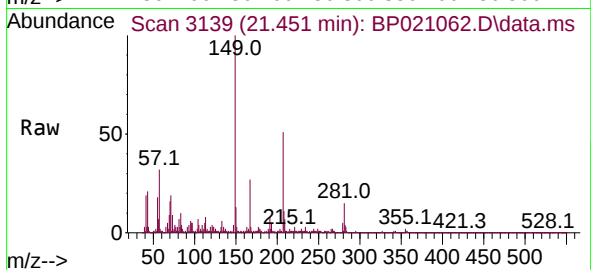
279 4.8 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/20/2024



#87

Chrysene

Concen: 11.074 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.012 min

Lab File: BP021062.D

Acq: 19 Jul 2024 02:55

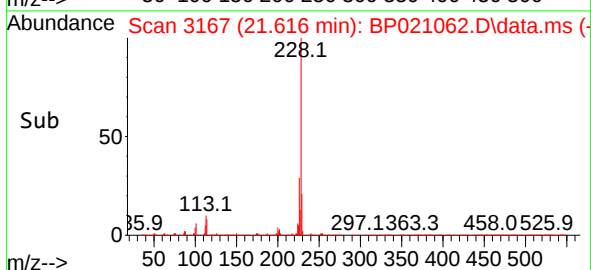
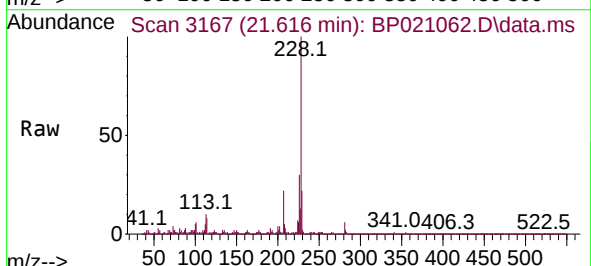
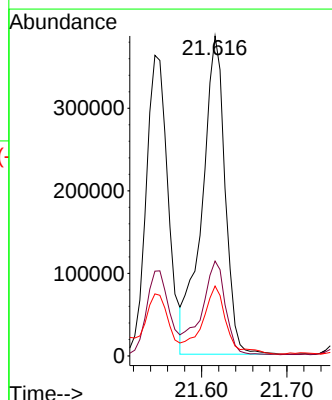
Tgt Ion:228 Resp: 726721

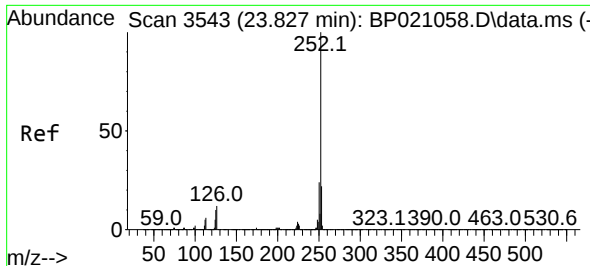
Ion Ratio Lower Upper

228 100

226 29.7 23.6 35.4

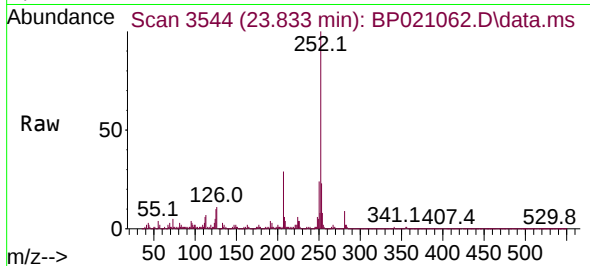
229 21.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 13.609 ng/u1
RT: 23.833 min Scan# 3543
Delta R.T. -0.018 min
Lab File: BP021062.D
Acq: 19 Jul 2024 02:55

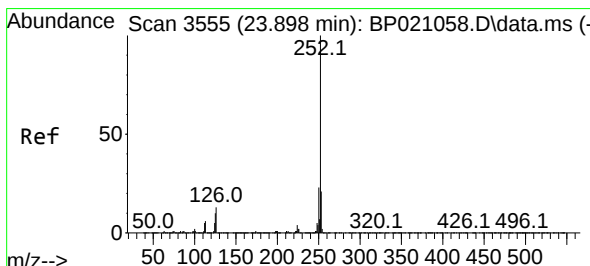
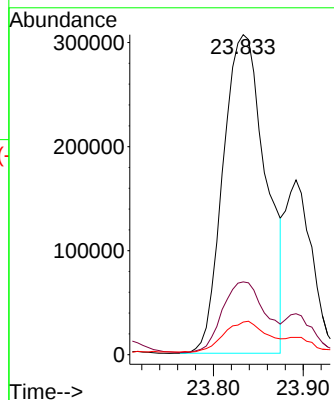
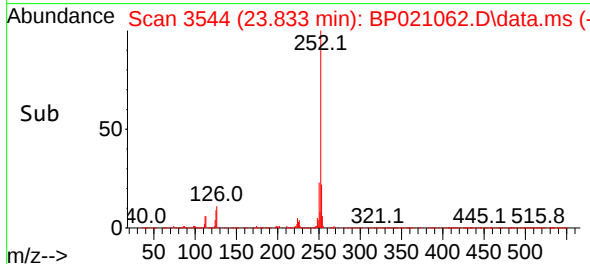
Instrument :
BNA_P
ClientSampleId :
A4BY9



Tgt Ion:252 Resp: 101312
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 10.2 7.0 10.4

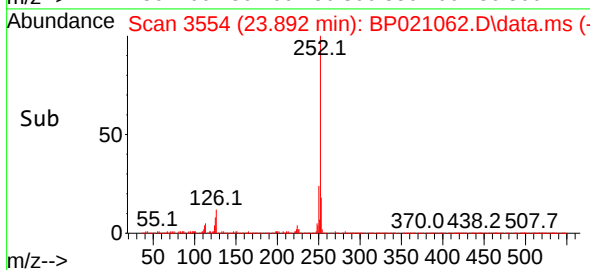
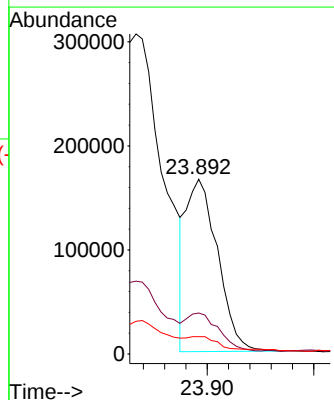
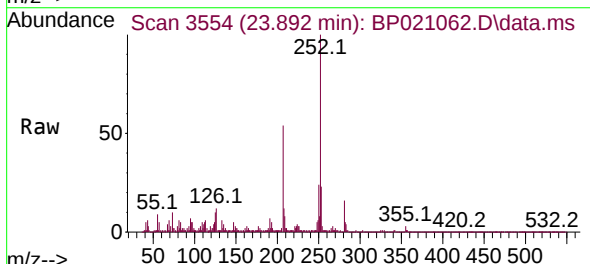
Manual Integrations
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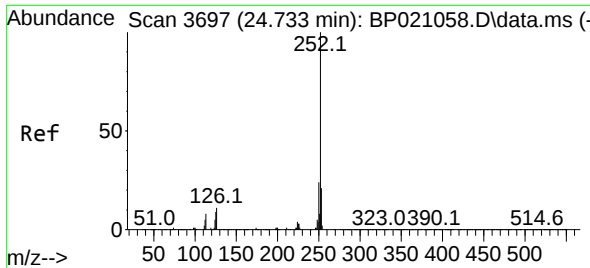
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#91
Benzo(k)fluoranthene
Concen: 4.565 ng/u1
RT: 23.892 min Scan# 3554
Delta R.T. -0.029 min
Lab File: BP021062.D
Acq: 19 Jul 2024 02:55

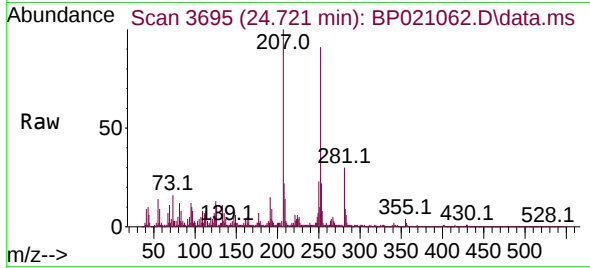
Tgt Ion:252 Resp: 339175
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 9.9 7.4 11.0





#93
Benzo(a)pyrene
Concen: 3.524 ng/ul
RT: 24.721 min Scan# 3695
Delta R.T. -0.041 min
Lab File: BP021062.D
Acq: 19 Jul 2024 02:55

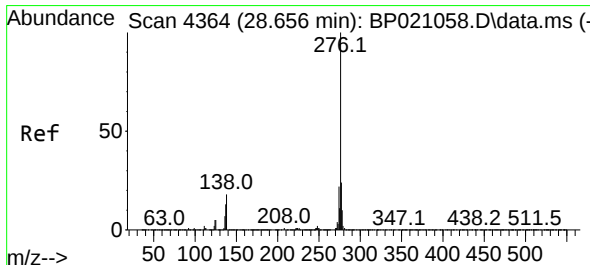
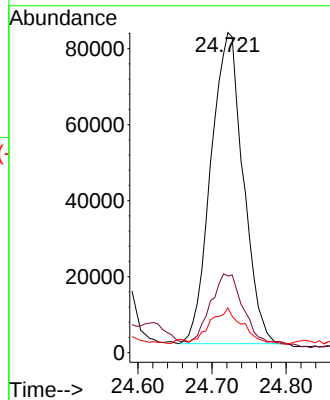
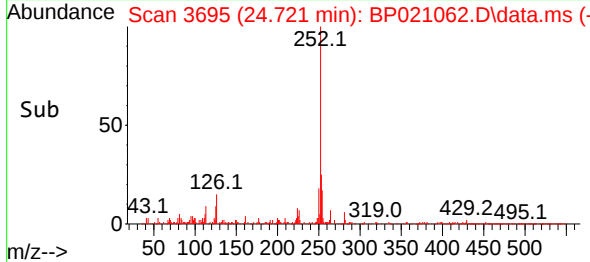
Instrument :
BNA_P
ClientSampleId :
A4BY9



Tgt Ion:252 Resp: 24788
Ion Ratio Lower Upper
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125 14.0 7.7 11.5

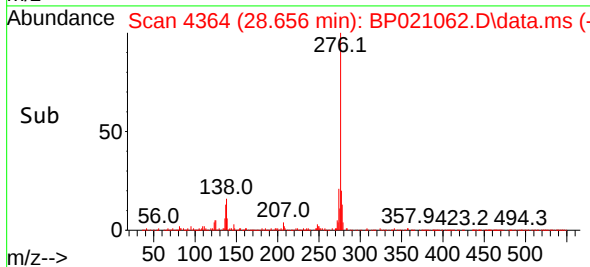
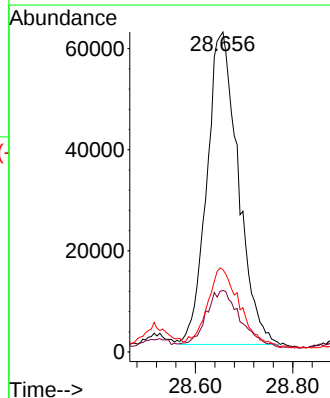
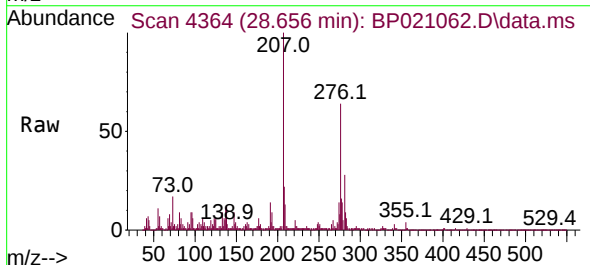
Manual Integrations
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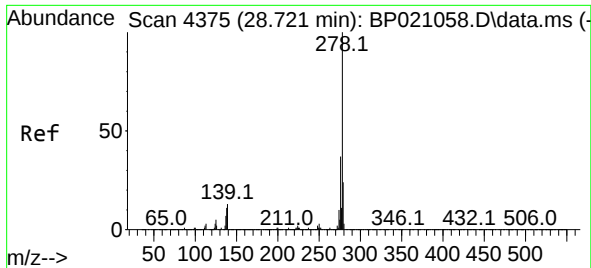
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/20/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.049 ng/ul
RT: 28.656 min Scan# 4364
Delta R.T. -0.047 min
Lab File: BP021062.D
Acq: 19 Jul 2024 02:55

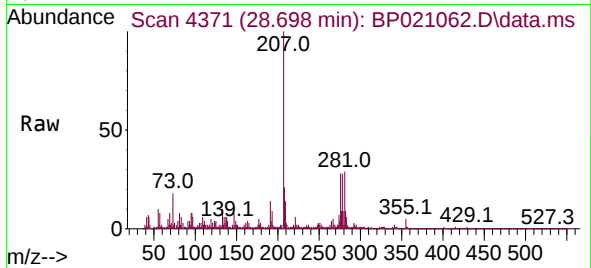
Tgt Ion:276 Resp: 276351
Ion Ratio Lower Upper
276 100
138 19.3 14.3 21.5
277 25.7 19.2 28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.715 ng/ul
 RT: 28.698 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BP021062.D
 Acq: 19 Jul 2024 02:55

Instrument :
 BNA_P
 ClientSampleId :
 A4BY9



Tgt Ion:278 Resp: 128720
 Ion Ratio Lower Upper
 278 100
 139 14.4 10.9 16.3
 279 31.0 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

