

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020858.D
 Acq On : 09 Jul 2024 10:25
 Operator : MA/JU
 Sample : P3035-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CW2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Supervised By :mohammad
 ahmed
 07/10/2024

Quant Time: Jul 09 11:38:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	204745	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.493	136	856314	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	568505	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1236096	20.000	ng/u1	0.01
79) Chrysene-d12	21.621	240	1136816	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1342614	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24902	5.223	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.916	99	648395	38.611	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	386036	36.261	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.269	132	535837	39.042	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	493844	36.209	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	266444	42.145	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	308640	48.784	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	536475	41.165	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	203258	11.129	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1639510	41.478	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1866057	39.563	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	248652	41.171	ng/u1	0.02
60) Fluorene-d10	15.375	176	1433216	43.089	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	238978	38.364	ng/u1	0.02
73) Anthracene-d10	17.280	188	2229834	40.194	ng/u1	0.02
81) Pyrene-d10	19.657	212	2363507	34.607	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1851136	28.344	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.546	105	24624	1.131	ng/u1	94
50) Acenaphthylene	14.075	152	55186	1.036	ng/u1	97
72) Phenanthrene	17.216	178	604071	9.332	ng/u1	99
74) Anthracene	17.316	178	119063	1.788	ng/u1	98
77) Carbazole	17.604	167	72659	1.322	ng/u1	98
80) Fluoranthene	19.310	202	1625535	19.485	ng/u1	99
82) Pyrene	19.692	202	1165576	13.623	ng/u1	99
85) Benzo(a)anthracene	21.598	228	723101	9.075	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.527	149	282918	5.736	ng/u1	100
87) Chrysene	21.663	228	864902	11.484	ng/u1	99
90) Benzo(b)fluoranthene	23.909	252	1294838	15.919	ng/u1	98
91) Benzo(k)fluoranthene	23.974	252	417880m	5.079	ng/u1	
93) Benzo(a)pyrene	24.804	252	451970	5.886	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	476429	4.838	ng/u1	97
95) Dibenzo(a,h)anthracene	28.815	278	157467m	1.945	ng/u1	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020858.D
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 Sample : P3035-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

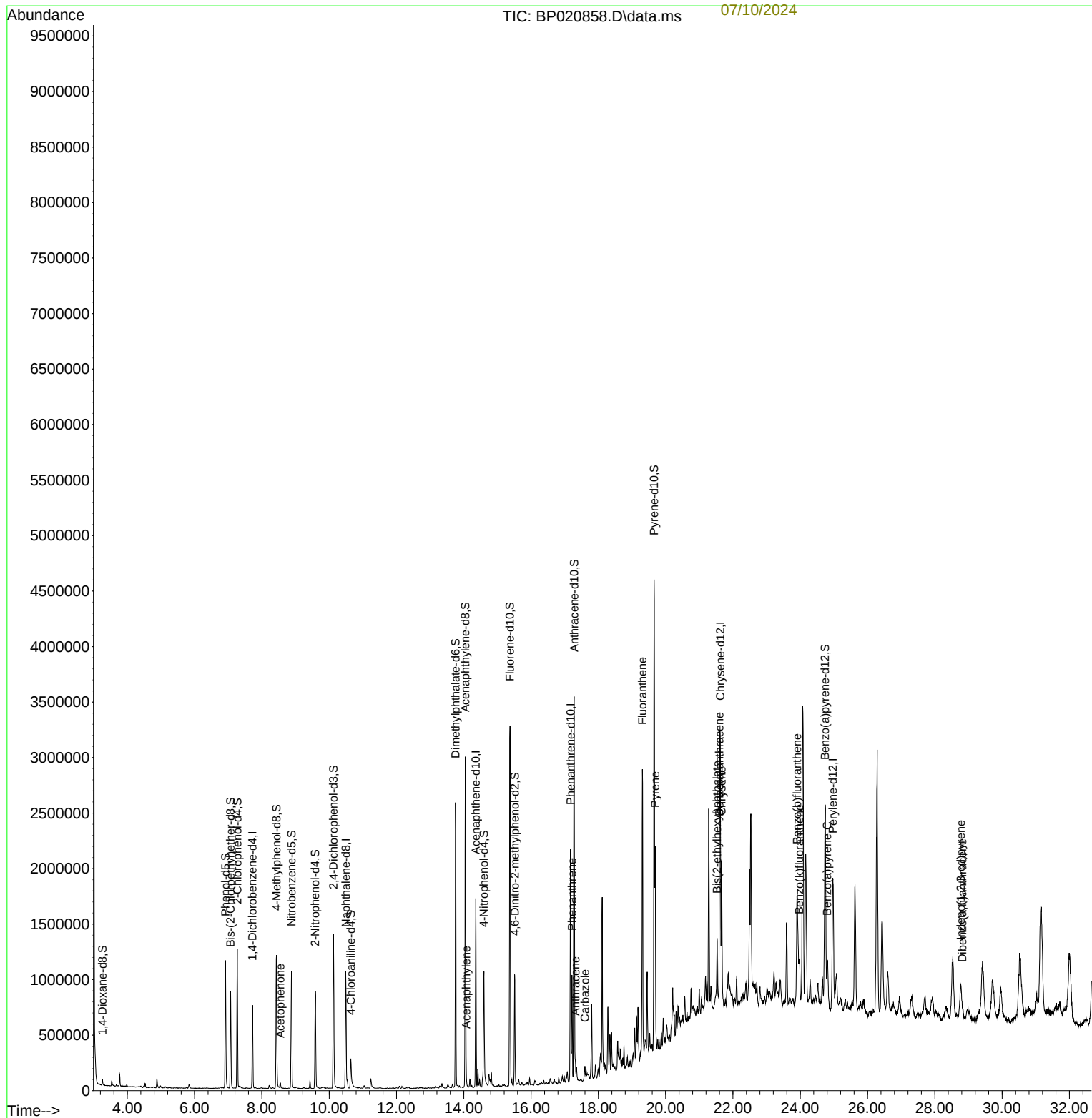
Instrument :
 BNA_P
 ClientSampleId :
 A4CW2

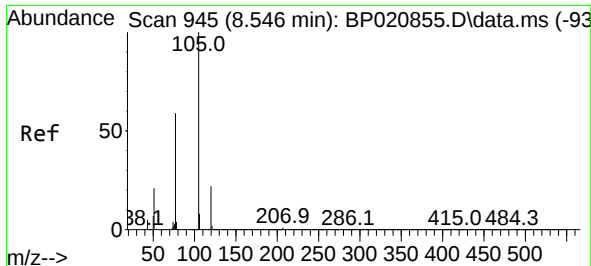
Quant Time: Jul 09 11:38:00 2024
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 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 1.131 ng/ul
RT: 8.546 min Scan# 945
Delta R.T. -0.006 min
Lab File: BP020858.D
Acq: 09 Jul 2024 10:25

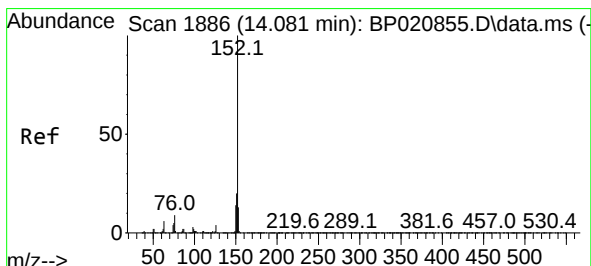
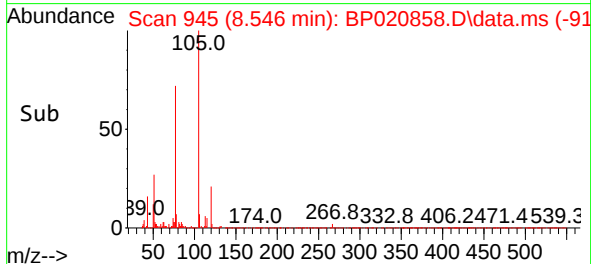
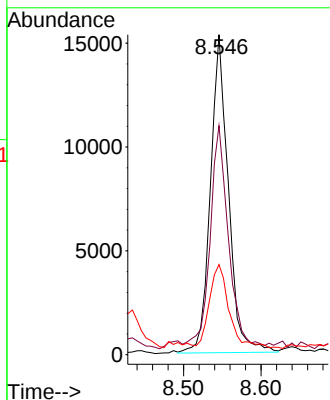
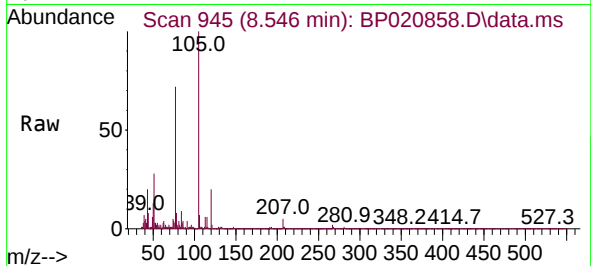
Instrument :
BNA_P
ClientSampleId :
A4CW2

Tgt Ion:	105	Resp:	24624
Ion Ratio	Lower	Upper	
105	100		
77	71.6	62.2	93.4
51	28.1	23.6	35.4

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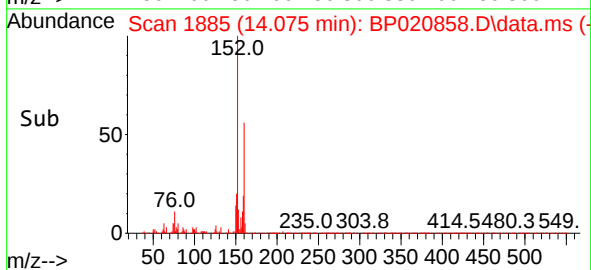
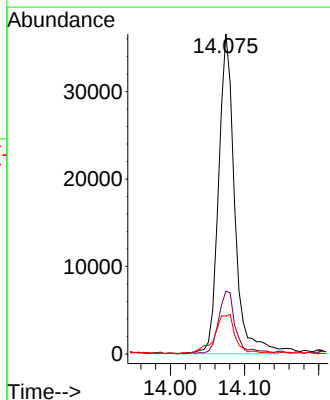
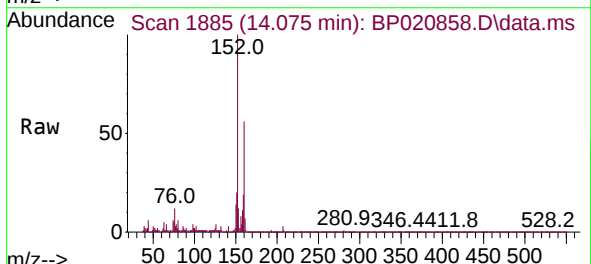
Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

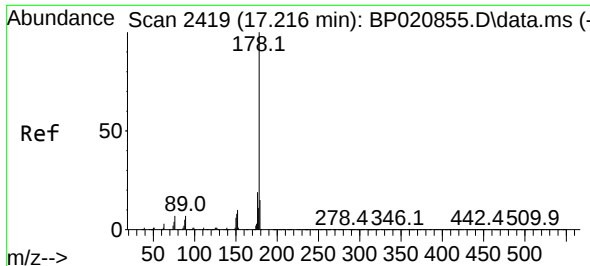
Supervised By :mohammad
ahmed
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#50
Acenaphthylene
Concen: 1.036 ng/ul
RT: 14.075 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BP020858.D
Acq: 09 Jul 2024 10:25

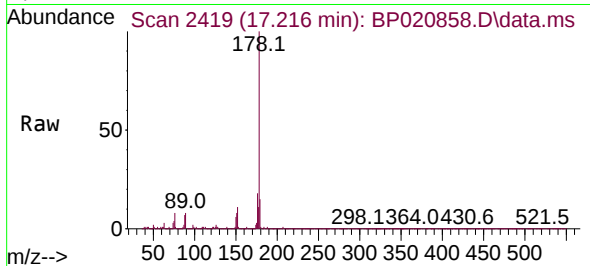
Tgt Ion:	152	Resp:	55186
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.4
153	11.8	10.8	16.2





#72
Phenanthrene
Concen: 9.332 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.012 min
Lab File: BP020858.D
Acq: 09 Jul 2024 10:25

Instrument :
BNA_P
ClientSampleId :
A4CW2

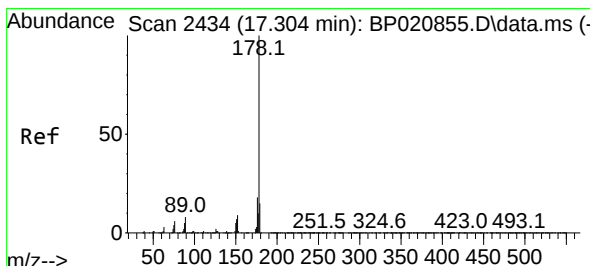
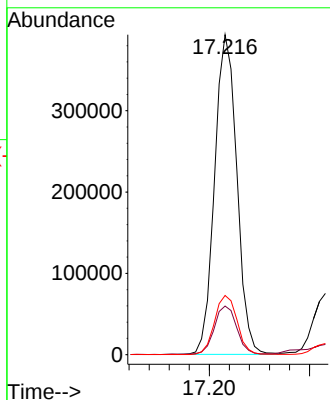
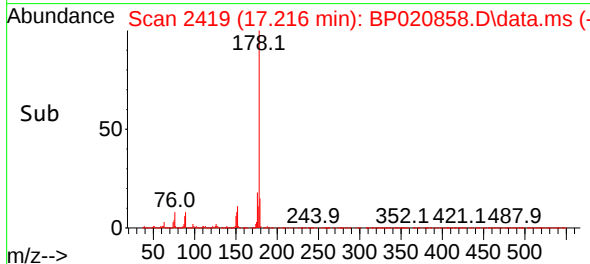


Tgt Ion:178 Resp: 60407
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.5 15.4 23.2

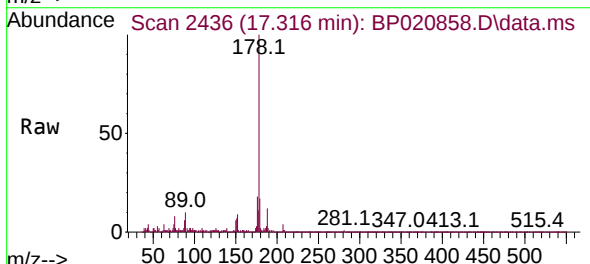
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Supervised By :mohammad ahmed 07/10/2024

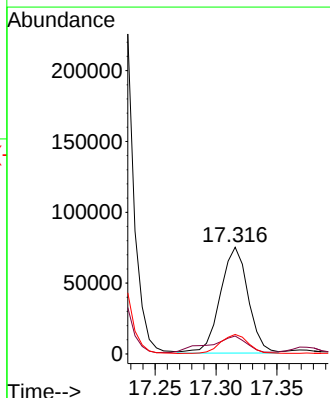
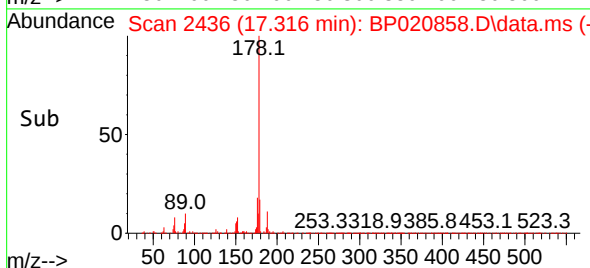
Supervised By :mohammad
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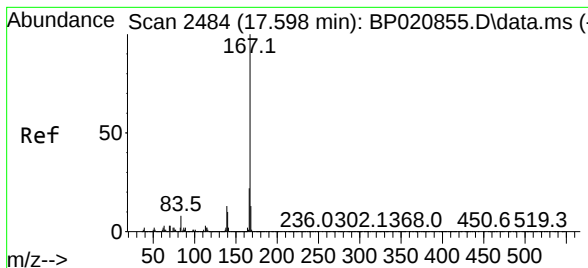


#74
Anthracene
Concen: 1.788 ng/ul
RT: 17.316 min Scan# 2436
Delta R.T. 0.017 min
Lab File: BP020858.D
Acq: 09 Jul 2024 10:25



Tgt Ion:178 Resp: 119063
Ion Ratio Lower Upper
178 100
179 16.9 12.1 18.1
176 18.3 15.0 22.4





#77

Carbazole

Concen: 1.322 ng/ul

RT: 17.604 min Scan# 2484

Delta R.T. 0.017 min

Lab File: BP020858.D

Acq: 09 Jul 2024 10:25

Instrument :

BNA_P

ClientSampleId :

A4CW2

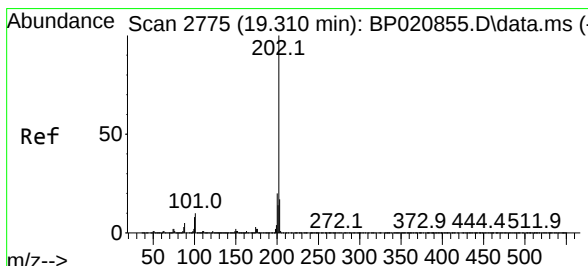
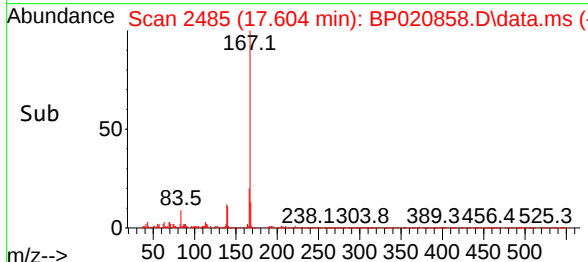
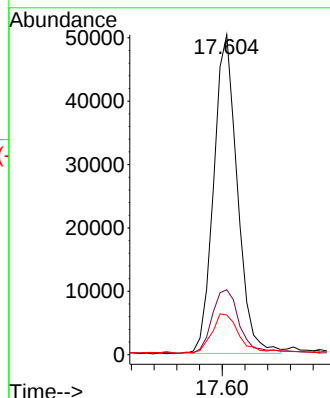
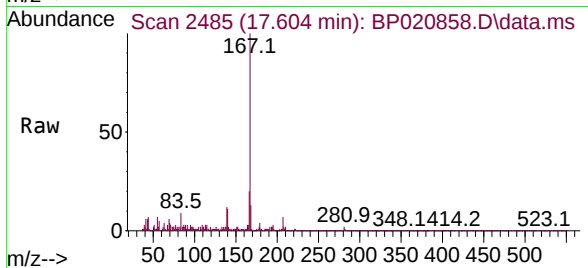
Tgt Ion:167	Resp:	72658
Ion Ratio	Lower	Upper
167	100	
166	20.3	17.2 25.8
139	12.4	10.6 16.0

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#80

Fluoranthene

Concen: 19.485 ng/ul

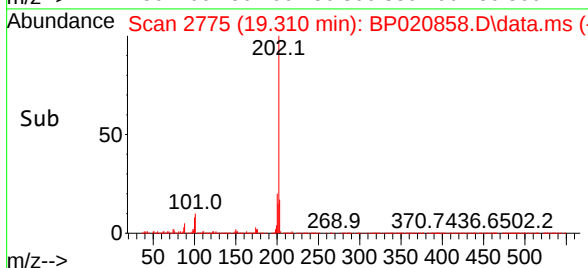
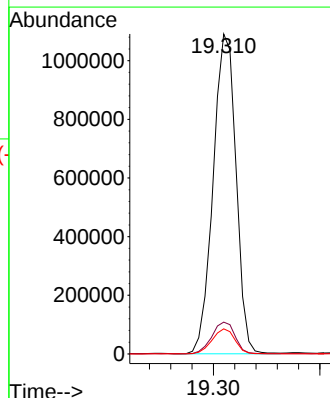
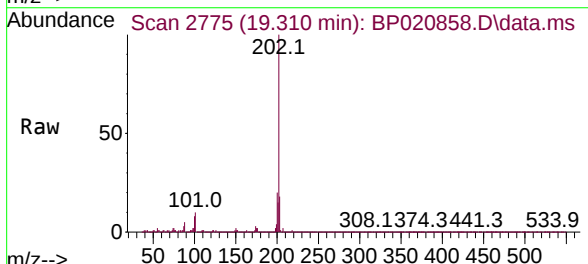
RT: 19.310 min Scan# 2775

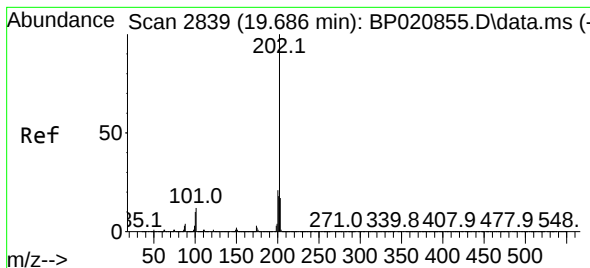
Delta R.T. 0.012 min

Lab File: BP020858.D

Acq: 09 Jul 2024 10:25

Tgt Ion:202	Resp:	1625535
Ion Ratio	Lower	Upper
202	100	
101	9.9	8.2 12.4
100	7.9	6.6 10.0





#82

Pyrene

Concen: 13.623 ng/ul

RT: 19.692 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020858.D

Acq: 09 Jul 2024 10:25

Instrument :

BNA_P

ClientSampleId :

A4CW2

Tgt Ion:202 Resp: 1165570

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

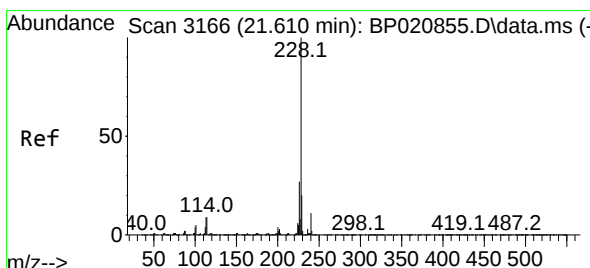
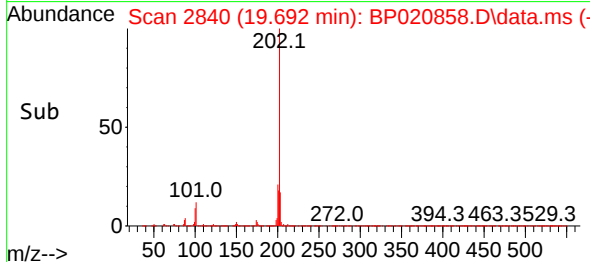
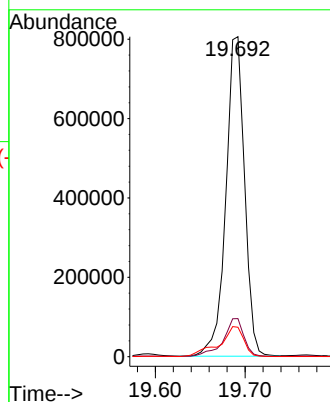
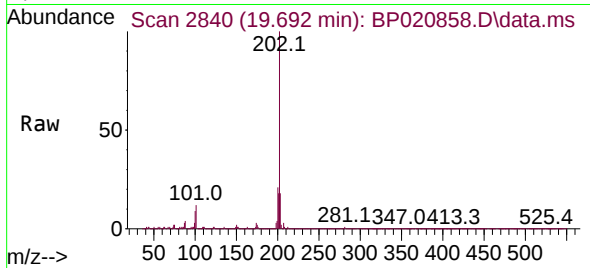
100 9.2 7.9 11.9

Manual Integrations

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ahmed
07/10/2024



#85

Benzo(a)anthracene

Concen: 9.075 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. -0.000 min

Lab File: BP020858.D

Acq: 09 Jul 2024 10:25

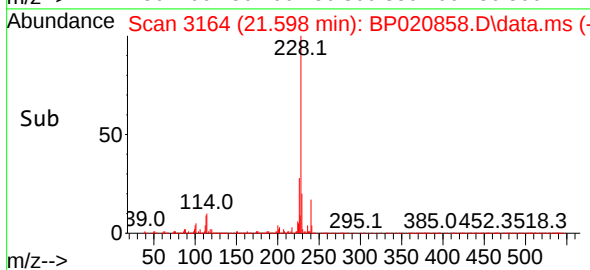
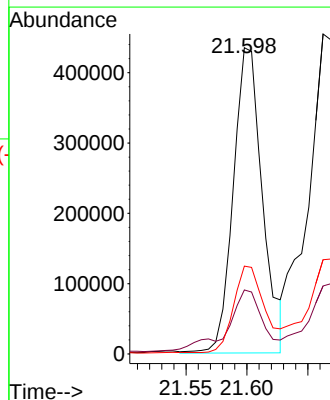
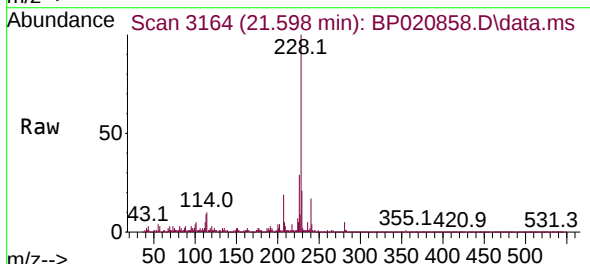
Tgt Ion:228 Resp: 723101

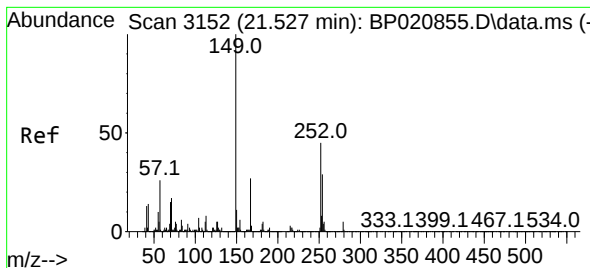
Ion Ratio Lower Upper

228 100

229 20.9 15.2 22.8

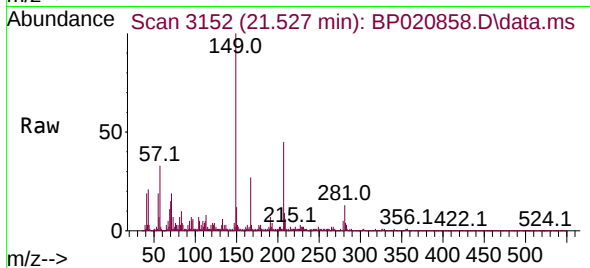
226 28.7 21.1 31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.736 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020858.D
Acq: 09 Jul 2024 10:25

Instrument :
BNA_P
ClientSampleId :
A4CW2

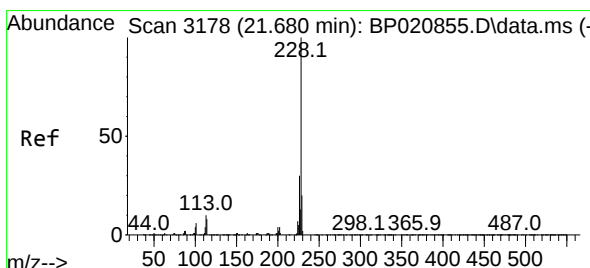
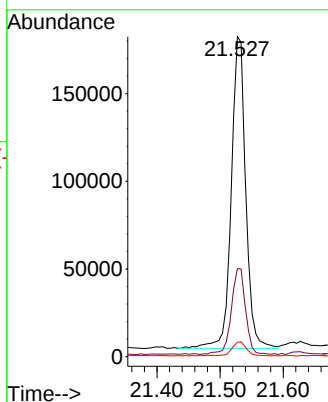
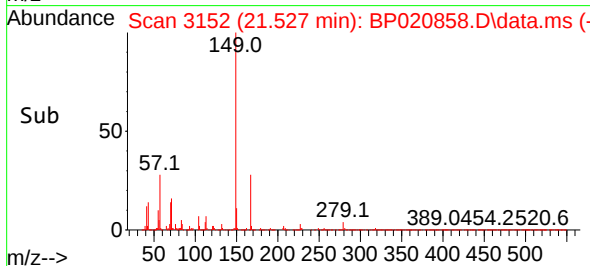


Tgt Ion:149 Resp: 282918
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 4.5 3.3 4.9

Manual Integrations
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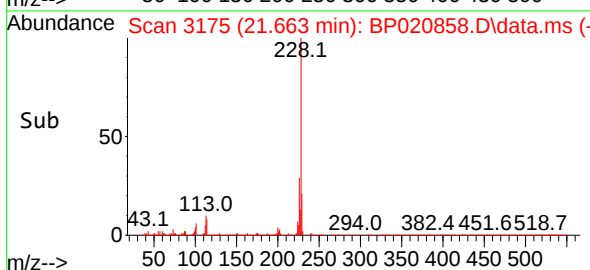
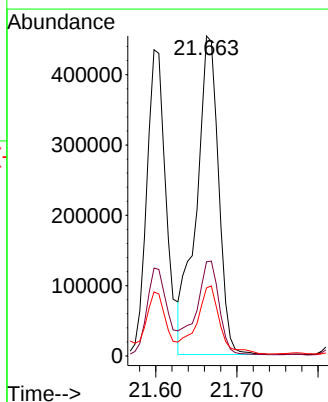
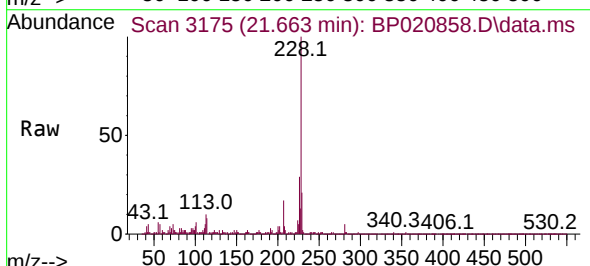
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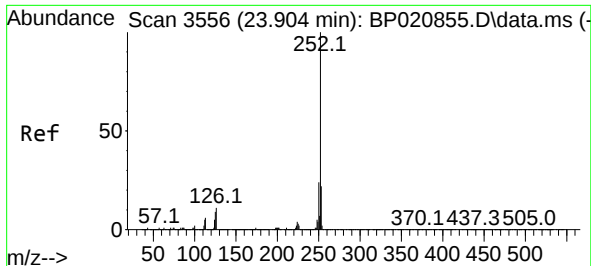
Supervised By :mohammad
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07/10/2024



#87
Chrysene
Concen: 11.484 ng/ul
RT: 21.663 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP020858.D
Acq: 09 Jul 2024 10:25

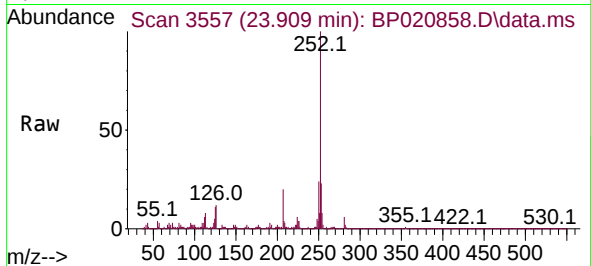
Tgt Ion:228 Resp: 864902
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 21.3 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 15.919 ng/ul
RT: 23.909 min Scan# 3557
Delta R.T. 0.006 min
Lab File: BP020858.D
Acq: 09 Jul 2024 10:25

Instrument :
BNA_P
ClientSampleId :
A4CW2

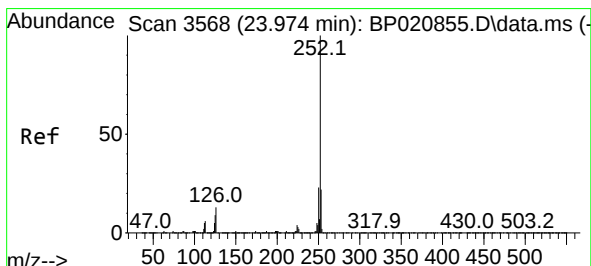
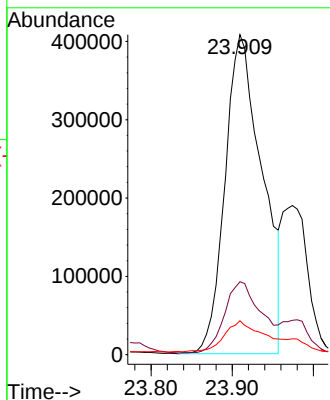
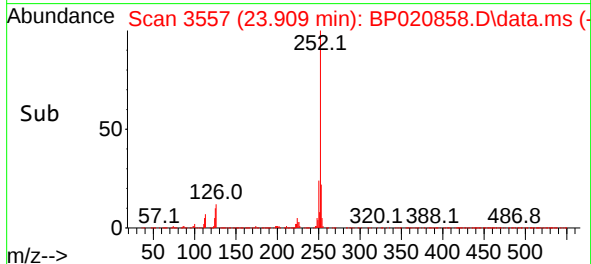


Tgt Ion:252 Resp: 1294838
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.6 7.9 11.9

Manual Integrations
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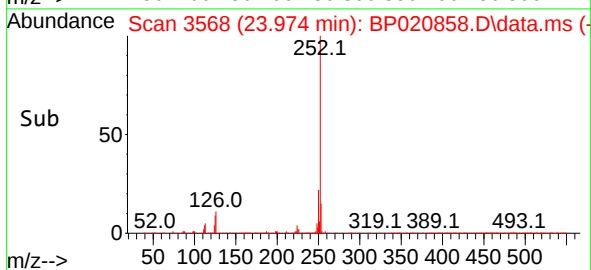
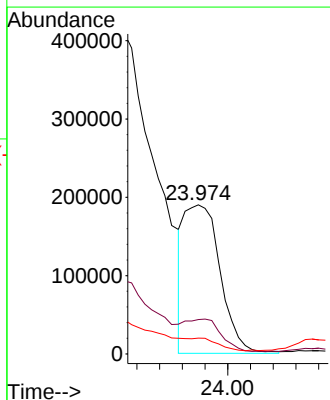
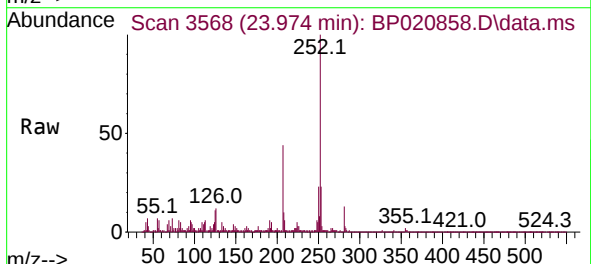
Reviewed By :Jagrut Upadhyay 07/09/2024
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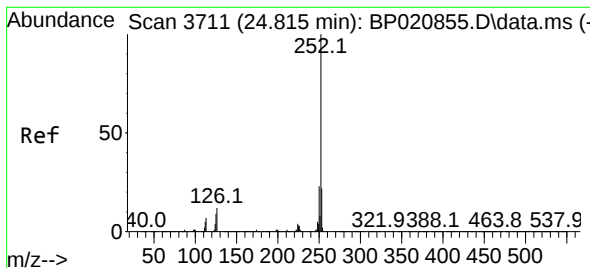
Supervised By :mohammad
ahmed
07/10/2024



#91
Benzo(k)fluoranthene
Concen: 5.079 ng/ul m
RT: 23.974 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BP020858.D
Acq: 09 Jul 2024 10:25

Tgt Ion:252 Resp: 417880
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.6 7.9 11.9





#93

Benzo(a)pyrene

Concen: 5.886 ng/ul

RT: 24.804 min Scan# 3711

Delta R.T. -0.006 min

Lab File: BP020858.D

Acq: 09 Jul 2024 10:25

Instrument :

BNA_P

ClientSampleId :

A4CW2

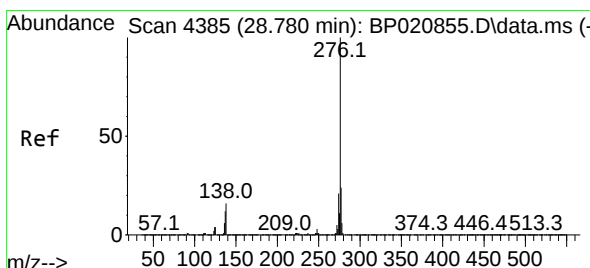
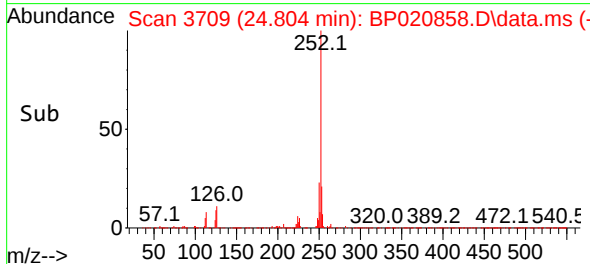
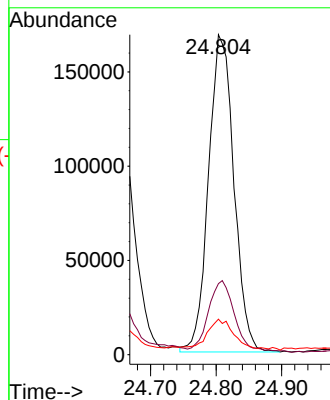
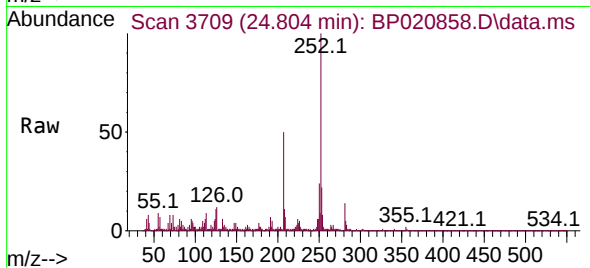
Tgt Ion:	252	Resp:	451970
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

Supervised By :mohammad
ahmed
07/10/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.838 ng/ul

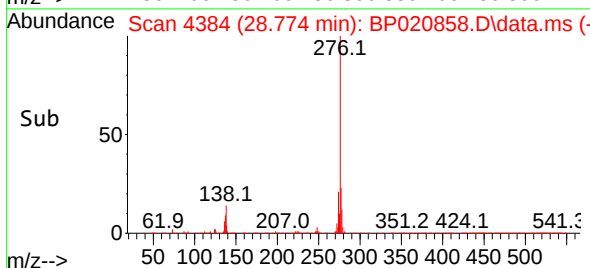
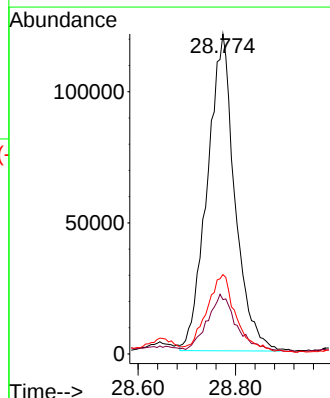
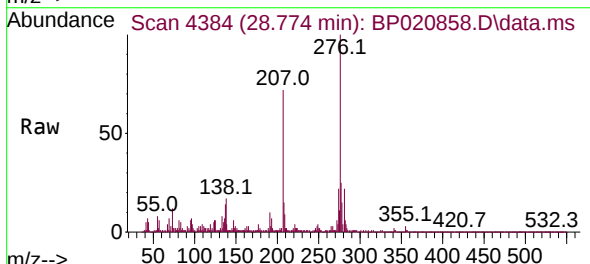
RT: 28.774 min Scan# 4384

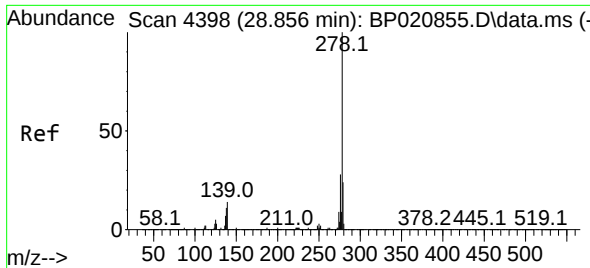
Delta R.T. 0.012 min

Lab File: BP020858.D

Acq: 09 Jul 2024 10:25

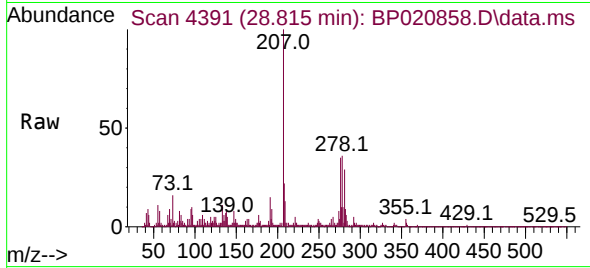
Tgt Ion:	276	Resp:	476429
Ion Ratio	Lower	Upper	
276	100		
138	21.0	15.2	22.8
277	24.8	19.0	28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.945 ng/ul m
 RT: 28.815 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: BP020858.D
 Acq: 09 Jul 2024 10:25

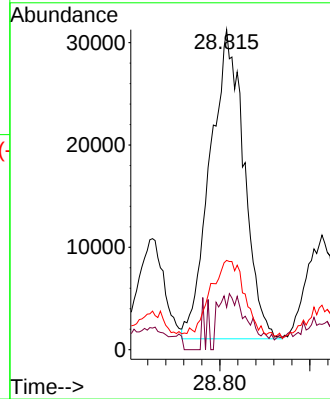
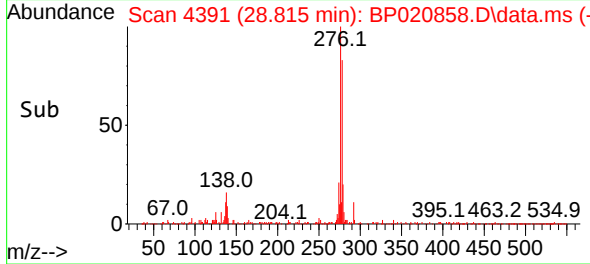
Instrument :
 BNA_P
 ClientSampleId :
 A4CW2



Tgt Ion:	278	Resp:	15746
Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.1	16.7
279	27.9	18.7	28.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



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 ahmed
 07/10/2024