

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020757.D
 Acq On : 02 Jul 2024 19:24
 Operator : MA/JU
 Sample : P2963-12
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CR6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 22:49:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	207404	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.504	136	780263	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.363	164	450755	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	823104	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	759115	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	936688	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	20767	4.300	ng/uL	0.00
4) Pyridine-d5	3.705	84	6948	0.494	ng/u1	0.02
7) Phenol-d5	6.922	99	481681	28.316	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	291252	27.007	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	402853	28.976	ng/u1	-0.01
15) 4-Methylphenol-d8	8.440	113	378398	27.389	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	190336	33.041	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	211826	36.745	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.134	165	365732	30.799	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	74430	4.473	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1063761	33.942	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1155922	30.909	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.592	143	133105	27.797	ng/u1	0.00
60) Fluorene-d10	15.381	176	842897	31.961	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	115422	27.826	ng/u1	0.00
73) Anthracene-d10	17.275	188	1192615	32.284	ng/u1	0.00
81) Pyrene-d10	19.663	212	1205299	26.429	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	1029920	22.604	ng/u1	0.02
Target Compounds					Qvalue	
16) Acetophenone	8.552	105	24208	1.097	ng/u1	96
50) Acenaphthylene	14.087	152	48661	1.152	ng/u1#	96
52) Acenaphthene	14.428	153	35077	1.252	ng/u1	98
61) Fluorene	15.434	166	37820	1.247	ng/u1	98
72) Phenanthrene	17.228	178	1040375	24.137	ng/u1	99
74) Anthracene	17.310	178	245113	5.529	ng/u1	99
80) Fluoranthene	19.316	202	1465700	26.311	ng/u1	98
82) Pyrene	19.692	202	1168336	20.450	ng/u1	99
85) Benzo(a)anthracene	21.616	228	733449	13.785	ng/u1	95
87) Chrysene	21.686	228	742920	14.772	ng/u1	99
90) Benzo(b)fluoranthene	23.933	252	900261	15.865	ng/u1	99
91) Benzo(k)fluoranthene	23.998	252	282209	4.916	ng/u1	97
93) Benzo(a)pyrene	24.851	252	352834	6.587	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.792	276	330939m	4.817	ng/u1	
95) Dibenzo(a,h)anthracene	28.874	278	119374m	2.114	ng/u1	

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

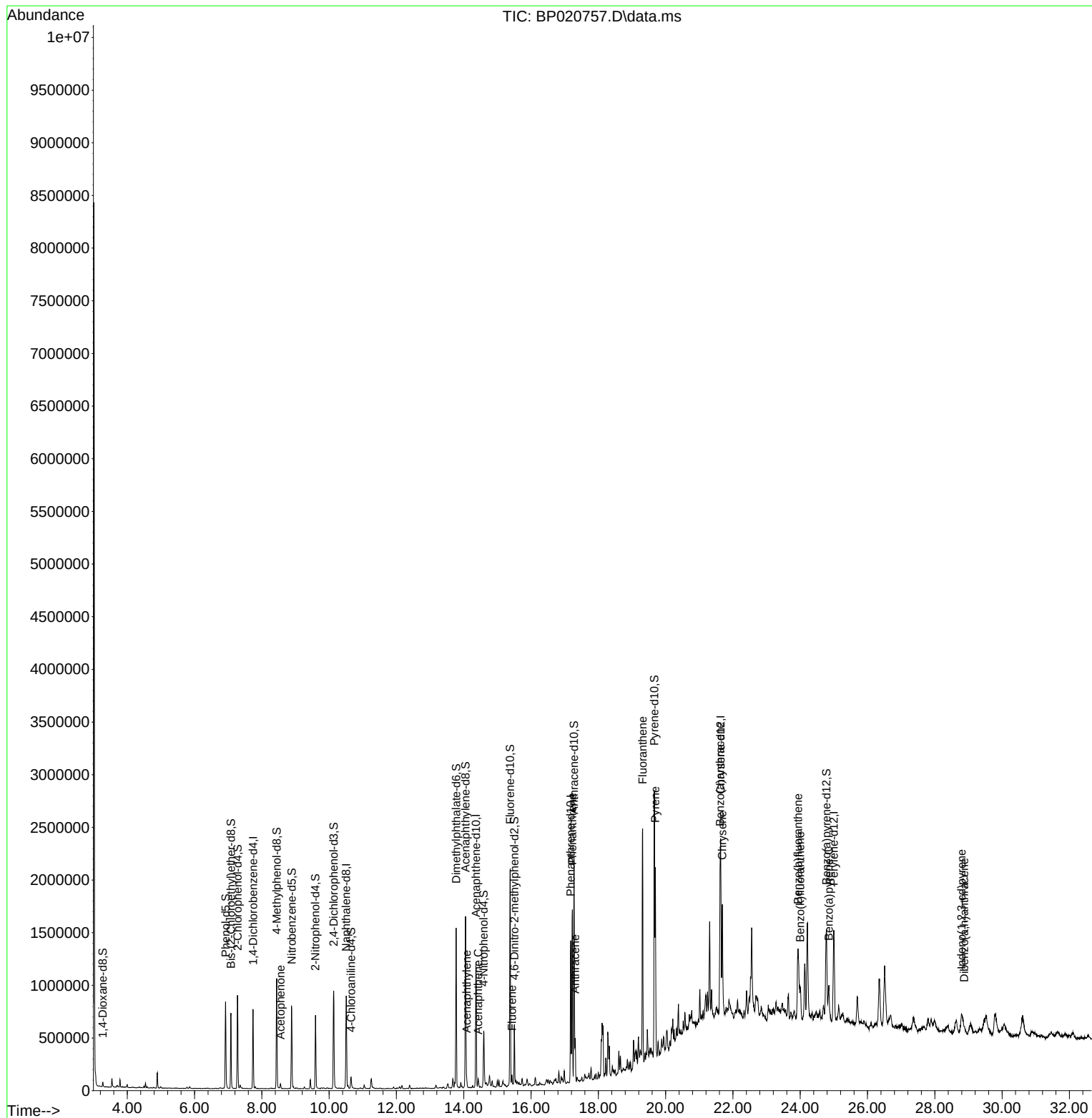
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
Operator : MA/JU
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ALS Vial : 47 Sample Multiplier: 1

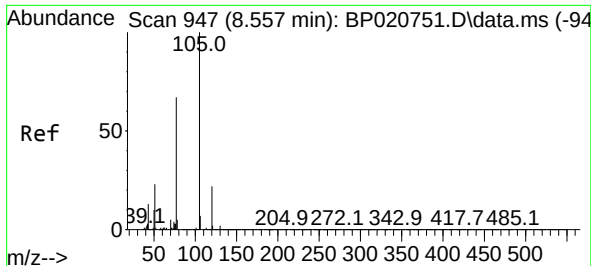
Instrument :
BNA_P
ClientSampleId :
A4CR6

Manual Integrations
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Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 22:49:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





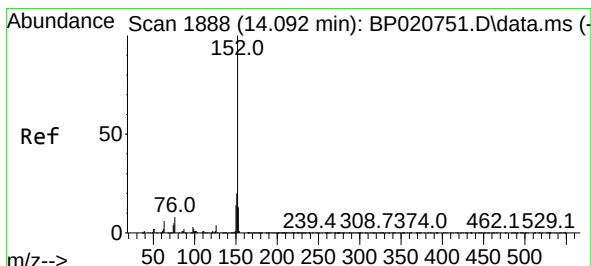
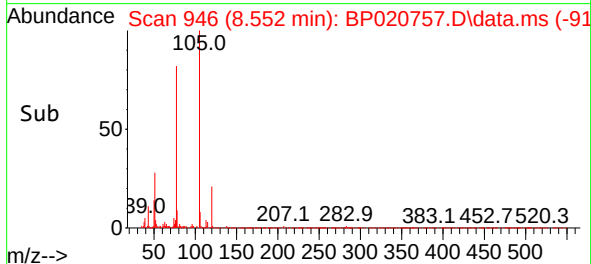
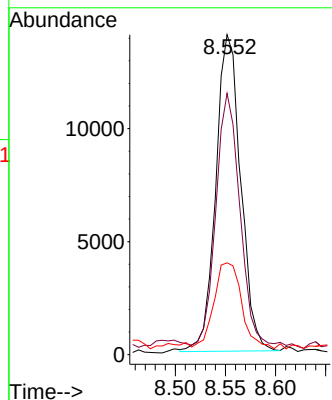
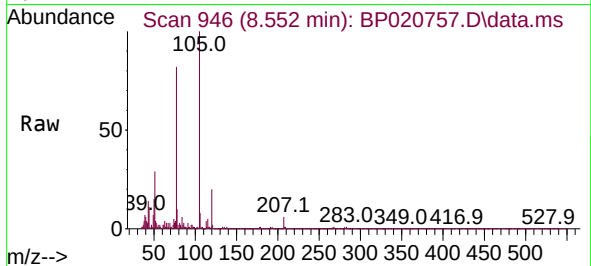
#16
Acetophenone
Concen: 1.097 ng/ul
RT: 8.552 min Scan# 947
Delta R.T. -0.012 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

Instrument :
BNA_P
ClientSampleId :
A4CR6

Tgt Ion:105 Resp: 24208
Ion Ratio Lower Upper
105 100
77 81.6 62.2 93.4
51 28.7 23.6 35.4

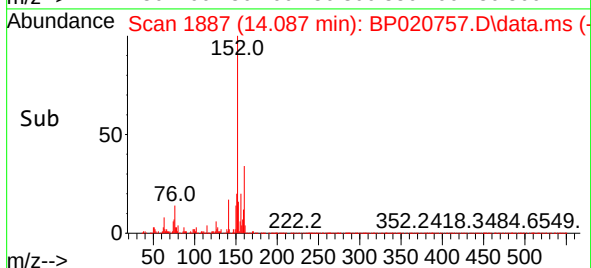
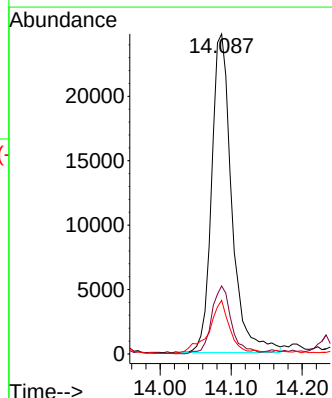
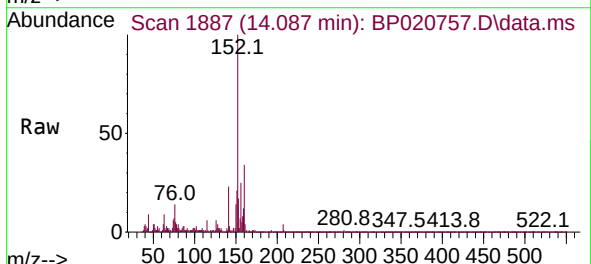
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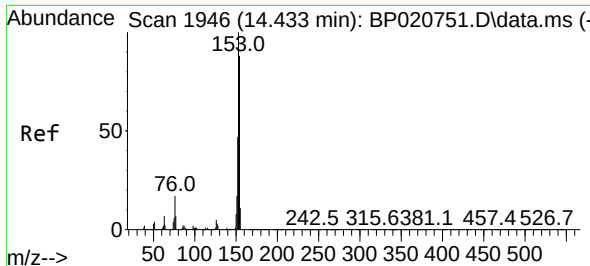
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#50
Acenaphthylene
Concen: 1.152 ng/ul
RT: 14.087 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

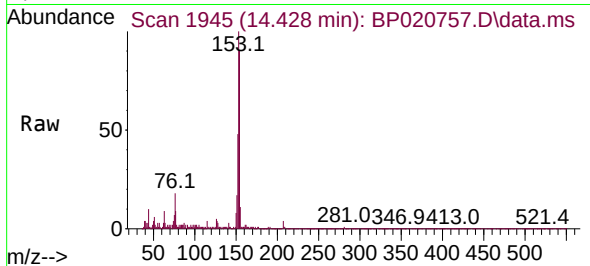
Tgt Ion:152 Resp: 48661
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 16.7 10.8 16.2#





#52
Acenaphthene
Concen: 1.252 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

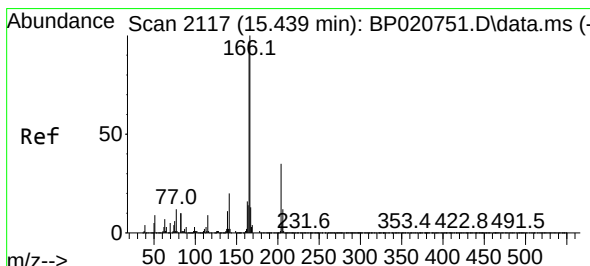
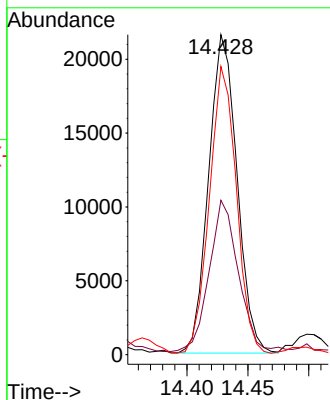
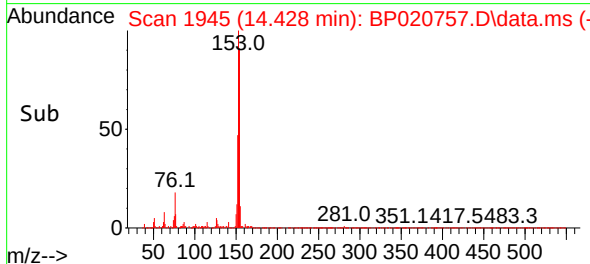
Instrument :
BNA_P
ClientSampleId :
A4CR6



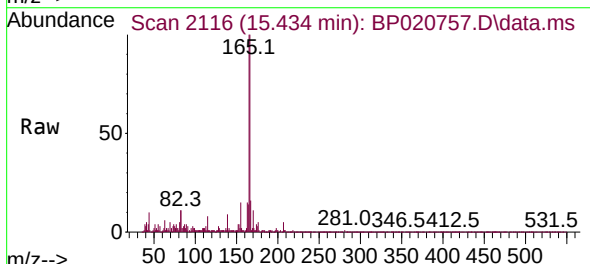
Tgt Ion:153 Resp: 3507
Ion Ratio Lower Upper
153 100
152 48.2 38.2 57.2
154 90.1 69.8 104.6

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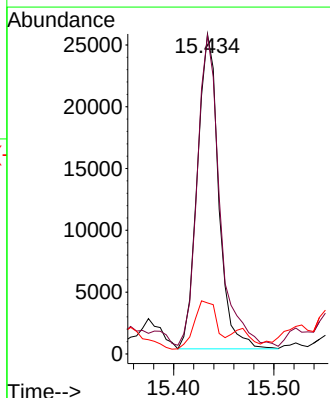
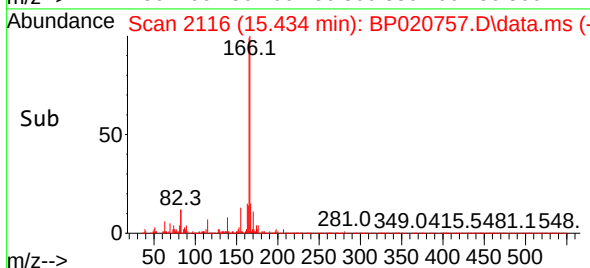
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

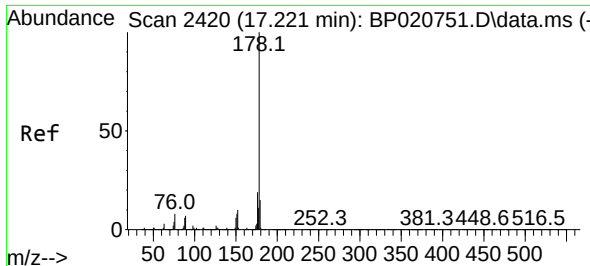


#61
Fluorene
Concen: 1.247 ng/ul
RT: 15.434 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24



Tgt Ion:166 Resp: 37820
Ion Ratio Lower Upper
166 100
165 99.6 78.8 118.2
167 15.9 11.2 16.8





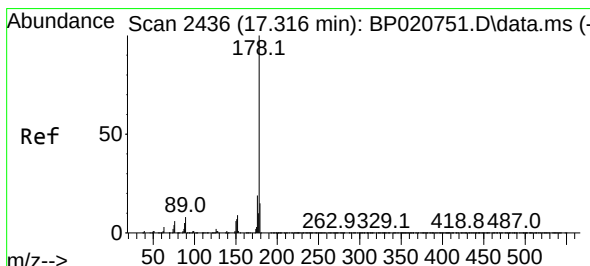
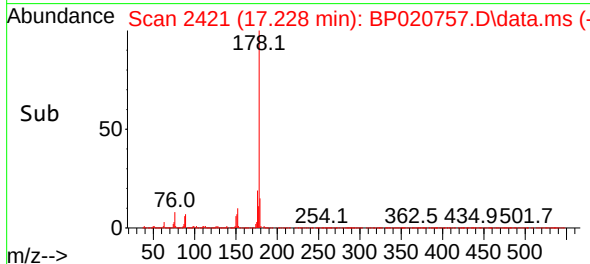
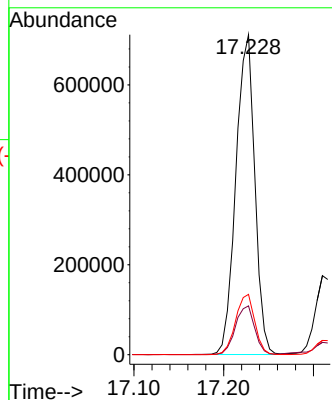
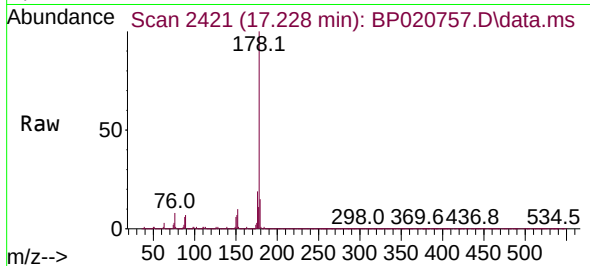
#72
Phenanthrene
Concen: 24.137 ng/ul
RT: 17.228 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

Instrument :
BNA_P
ClientSampleId :
A4CR6

Tgt Ion:178 Resp: 1040375
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.8 15.4 23.2

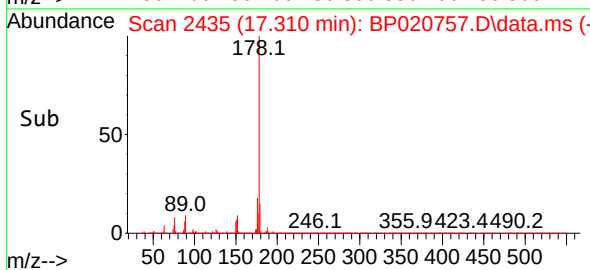
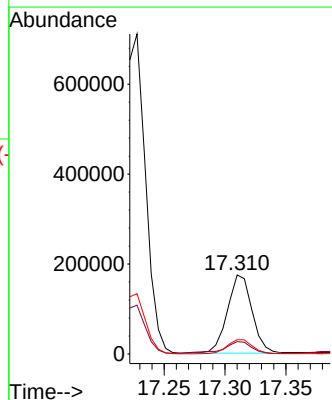
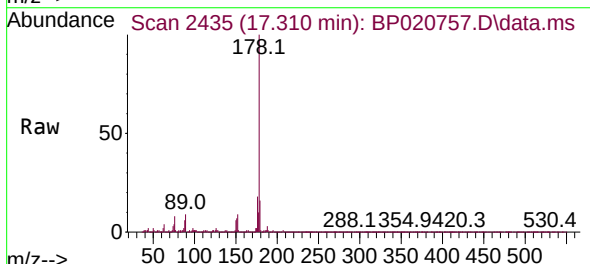
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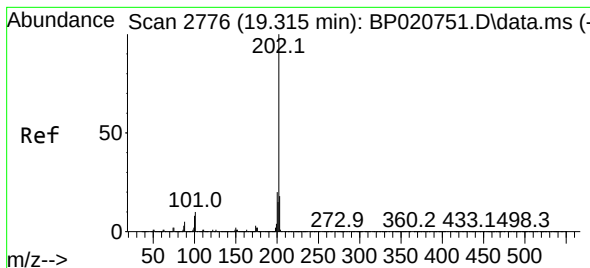
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#74
Anthracene
Concen: 5.529 ng/ul
RT: 17.310 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

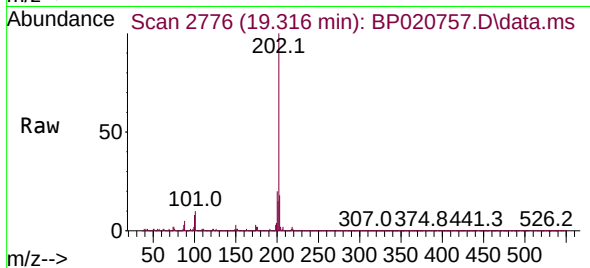
Tgt Ion:178 Resp: 245113
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 18.1 15.0 22.4





#80
Fluoranthene
Concen: 26.311 ng/uI
RT: 19.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

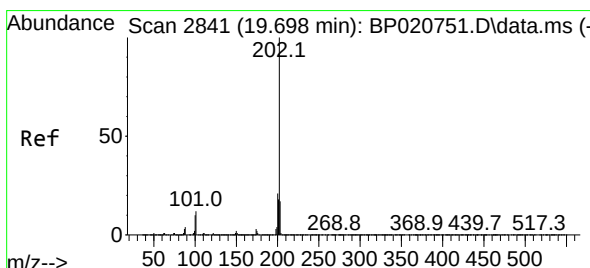
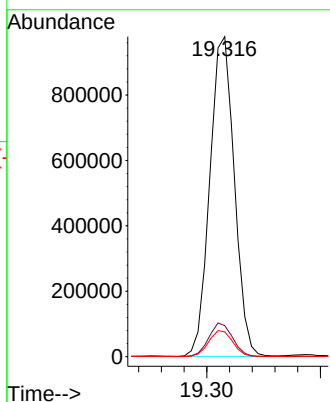
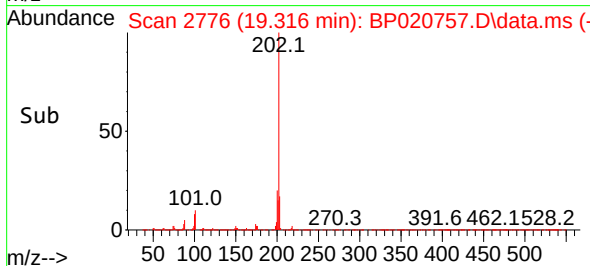
Instrument :
BNA_P
ClientSampleId :
A4CR6



Tgt Ion:202 Resp: 1465700
Ion Ratio Lower Upper
202 100
101 9.7 8.2 12.4
100 7.7 6.6 10.0

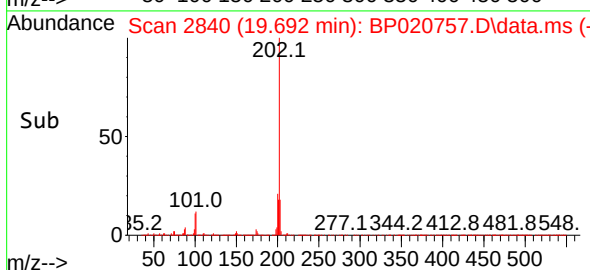
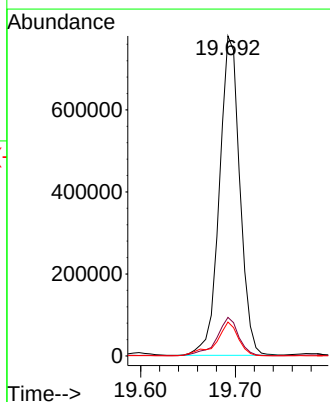
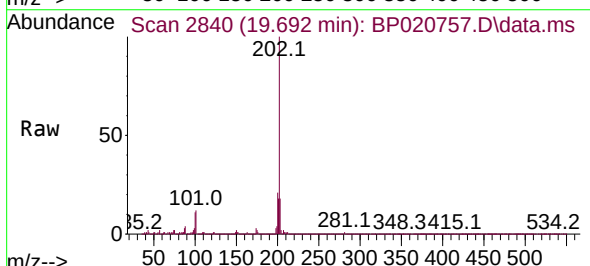
Manual Integrations
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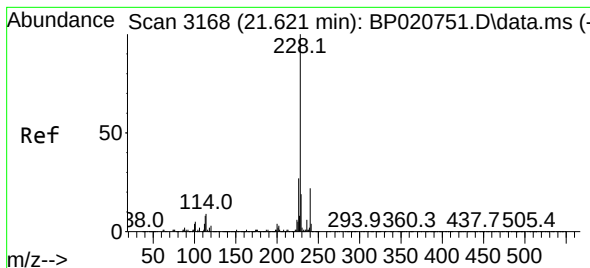
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 20.450 ng/uI
RT: 19.692 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

Tgt Ion:202 Resp: 1168336
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 10.6 7.9 11.9





#85

Benzo(a)anthracene

Concen: 13.785 ng/ul

RT: 21.616 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP020757.D

Acq: 02 Jul 2024 19:24

Instrument :

BNA_P

ClientSampleId :

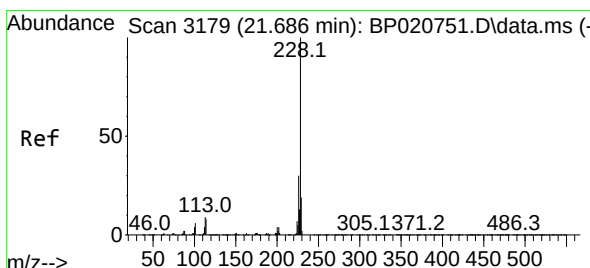
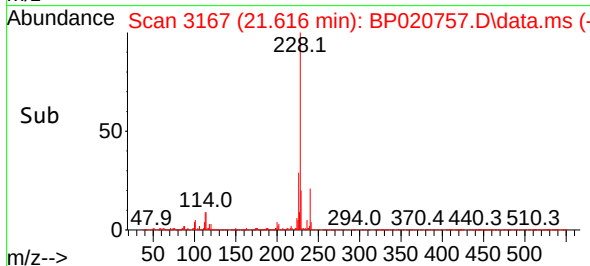
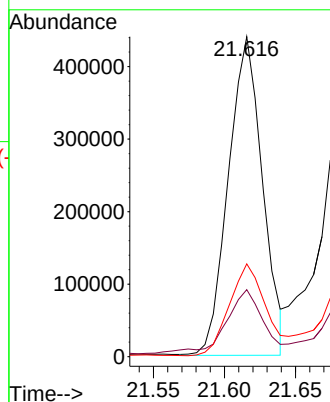
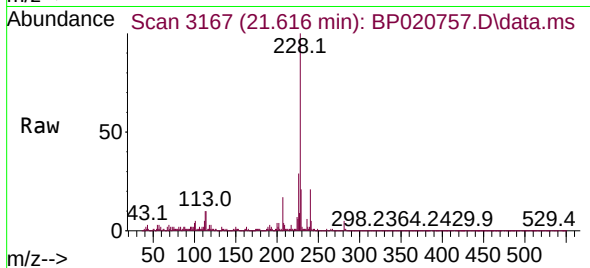
A4CR6

Tgt Ion:228 Resp: 733449
 Ion Ratio Lower Upper
 228 100
 229 21.0 15.2 22.8
 226 29.0 21.1 31.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#87

Chrysene

Concen: 14.772 ng/ul

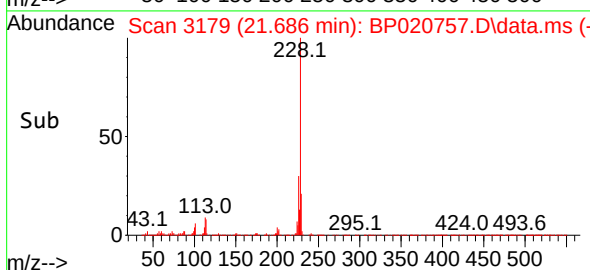
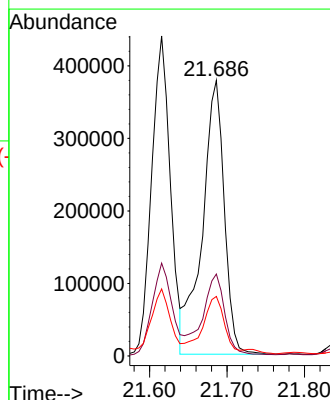
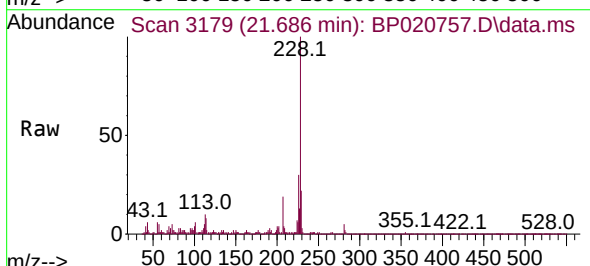
RT: 21.686 min Scan# 3179

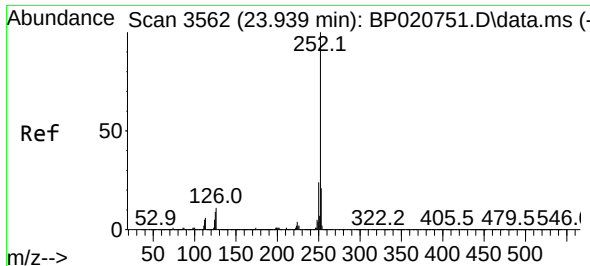
Delta R.T. -0.006 min

Lab File: BP020757.D

Acq: 02 Jul 2024 19:24

Tgt Ion:228 Resp: 742920
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.6
 229 21.6 16.1 24.1





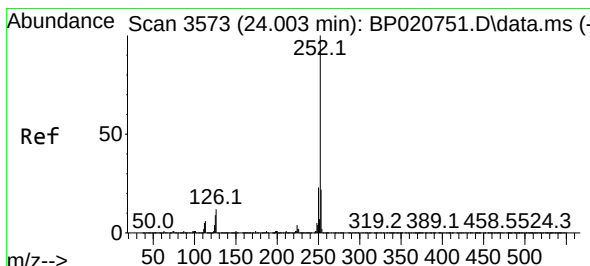
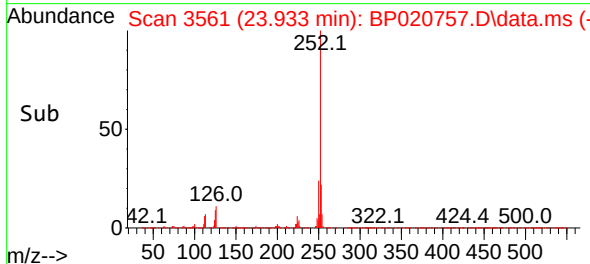
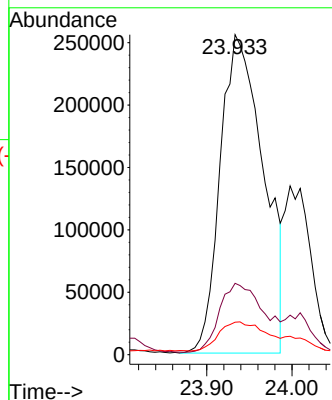
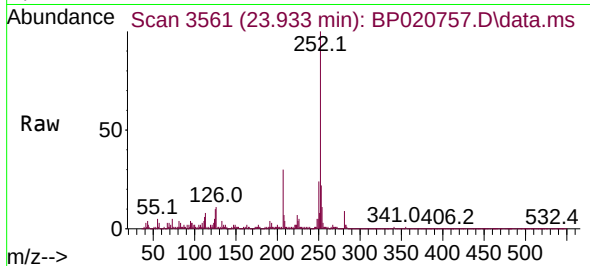
#90
Benzo(b)fluoranthene
Concen: 15.865 ng/ul
RT: 23.933 min Scan# 3561
Delta R.T. -0.006 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

Instrument :
BNA_P
ClientSampleId :
A4CR6

Tgt Ion:252 Resp: 90026
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.1 7.9 11.9

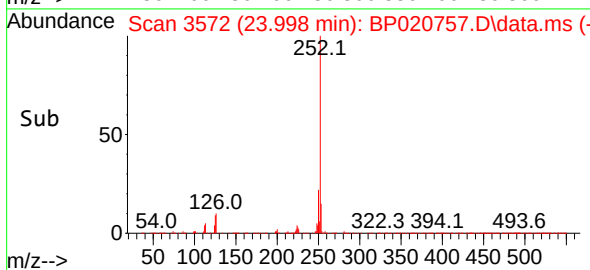
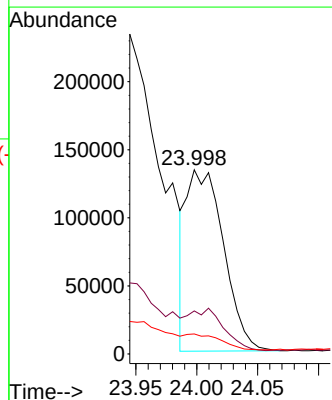
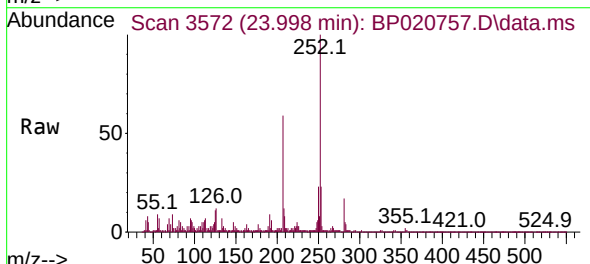
Manual Integrations
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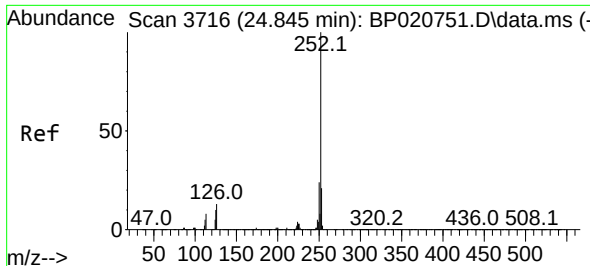
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 4.916 ng/ul
RT: 23.998 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

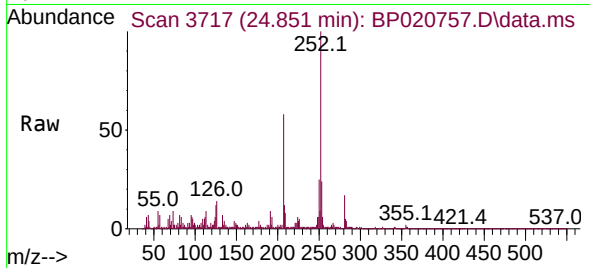
Tgt Ion:252 Resp: 282209
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 10.9 7.9 11.9





#93
Benzo(a)pyrene
Concen: 6.587 ng/ul
RT: 24.851 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24

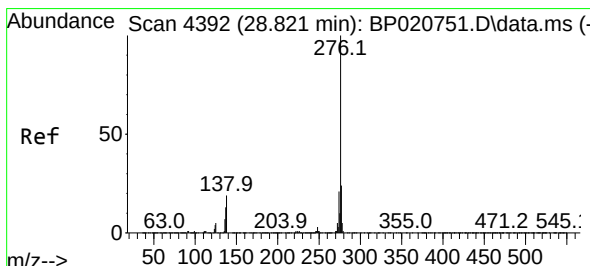
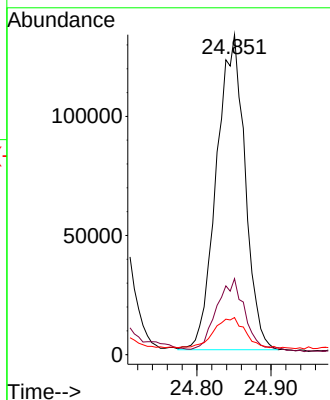
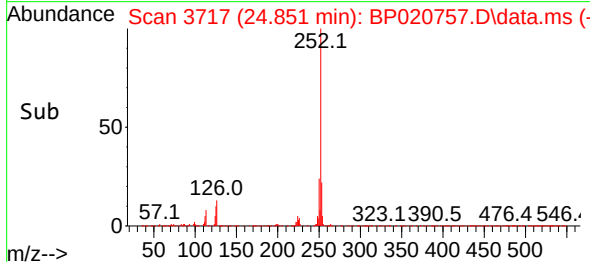
Instrument :
BNA_P
ClientSampleId :
A4CR6



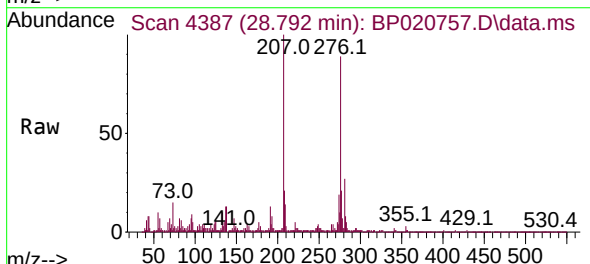
Tgt Ion:252 Resp: 352834
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 11.6 8.7 13.1

Manual Integrations
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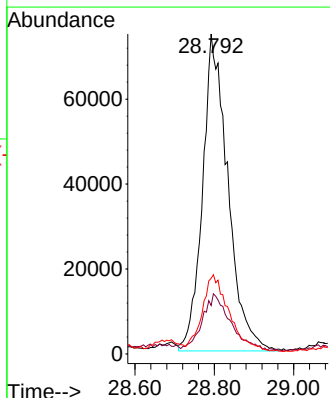
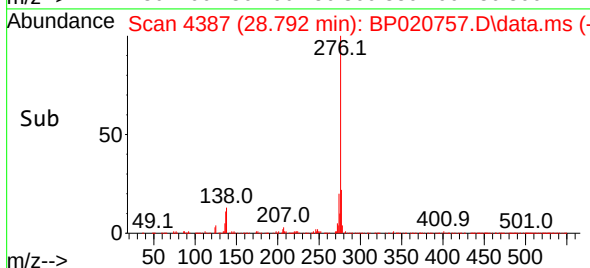
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

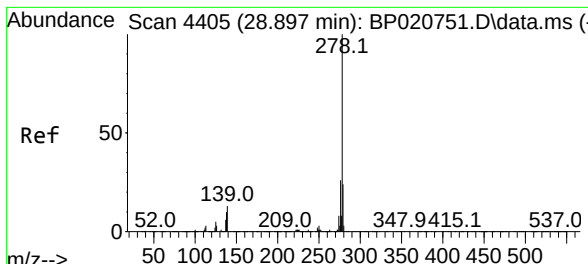


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.817 ng/ul m
RT: 28.792 min Scan# 4387
Delta R.T. -0.023 min
Lab File: BP020757.D
Acq: 02 Jul 2024 19:24



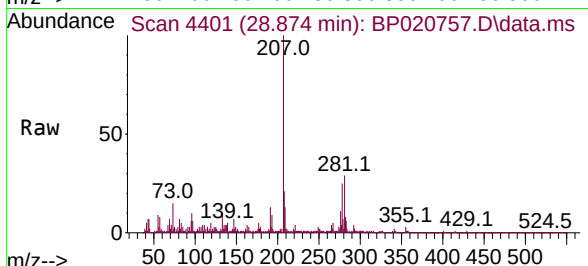
Tgt Ion:276 Resp: 330939
Ion Ratio Lower Upper
276 100
138 15.2 15.2 22.8#
277 23.6 19.0 28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 2.114 ng/ul m
 RT: 28.874 min Scan# 44
 Delta R.T. -0.023 min
 Lab File: BP020757.D
 Acq: 02 Jul 2024 19:24

Instrument :
 BNA_P
 ClientSampleId :
 A4CR6



Tgt Ion:278 Resp: 119374
 Ion Ratio Lower Upper
 278 100
 139 19.0 11.1 16.7
 279 30.1 18.7 28.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

