

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020724.D
 Acq On : 01 Jul 2024 19:05
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B54

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:16:21 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	7.734	152	200434	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.510	136	789263	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.375	164	477953	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	840594	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	697078	20.000	ng/u1	0.00
88) Perylene-d12	25.010	264	862206	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	22265	4.770	ng/uL	0.00
4) Pyridine-d5	3.693	84	70603	5.190	ng/u1	0.00
7) Phenol-d5	6.922	99	437210	26.595	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	272013	26.100	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.281	132	369606	27.510	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	339015	25.391	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	177875	30.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	201143	34.494	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	346494	28.846	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	296450	17.611	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1069058	32.170	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1154520	29.115	ng/u1	0.00
54) 4-Nitrophenol-d4	14.593	143	126195	24.854	ng/u1	0.00
60) Fluorene-d10	15.387	176	851683	30.456	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	116181	27.426	ng/u1	0.01
73) Anthracene-d10	17.292	188	1119013	29.662	ng/u1	0.01
81) Pyrene-d10	19.669	212	1087879	25.978	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	938790	22.384	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.557	128	56358	1.334	ng/u1	98
52) Acenaphthene	14.440	153	65607	2.208	ng/u1	98
56) Dibenzofuran	14.781	168	80515	2.011	ng/u1	98
61) Fluorene	15.440	166	94370	2.934	ng/u1	99
72) Phenanthrene	17.228	178	1192760	27.097	ng/u1	99
74) Anthracene	17.328	178	311449	6.879	ng/u1	99
77) Carbazole	17.610	167	118482	3.171	ng/u1	96
80) Fluoranthene	19.322	202	1357135	26.531	ng/u1	98
82) Pyrene	19.698	202	913200	17.407	ng/u1	98
85) Benzo(a)anthracene	21.627	228	583952	11.952	ng/u1	97
87) Chrysene	21.692	228	529744	11.471	ng/u1	96
90) Benzo(b)fluoranthene	23.945	252	623408	11.935	ng/u1	99
91) Benzo(k)fluoranthene	24.010	252	245627	4.649	ng/u1	96
93) Benzo(a)pyrene	24.851	252	261741	5.308	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.845	276	200776m	3.175	ng/u1	
95) Dibenzo(a,h)anthracene	28.904	278	79269	1.525	ng/u1	92

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

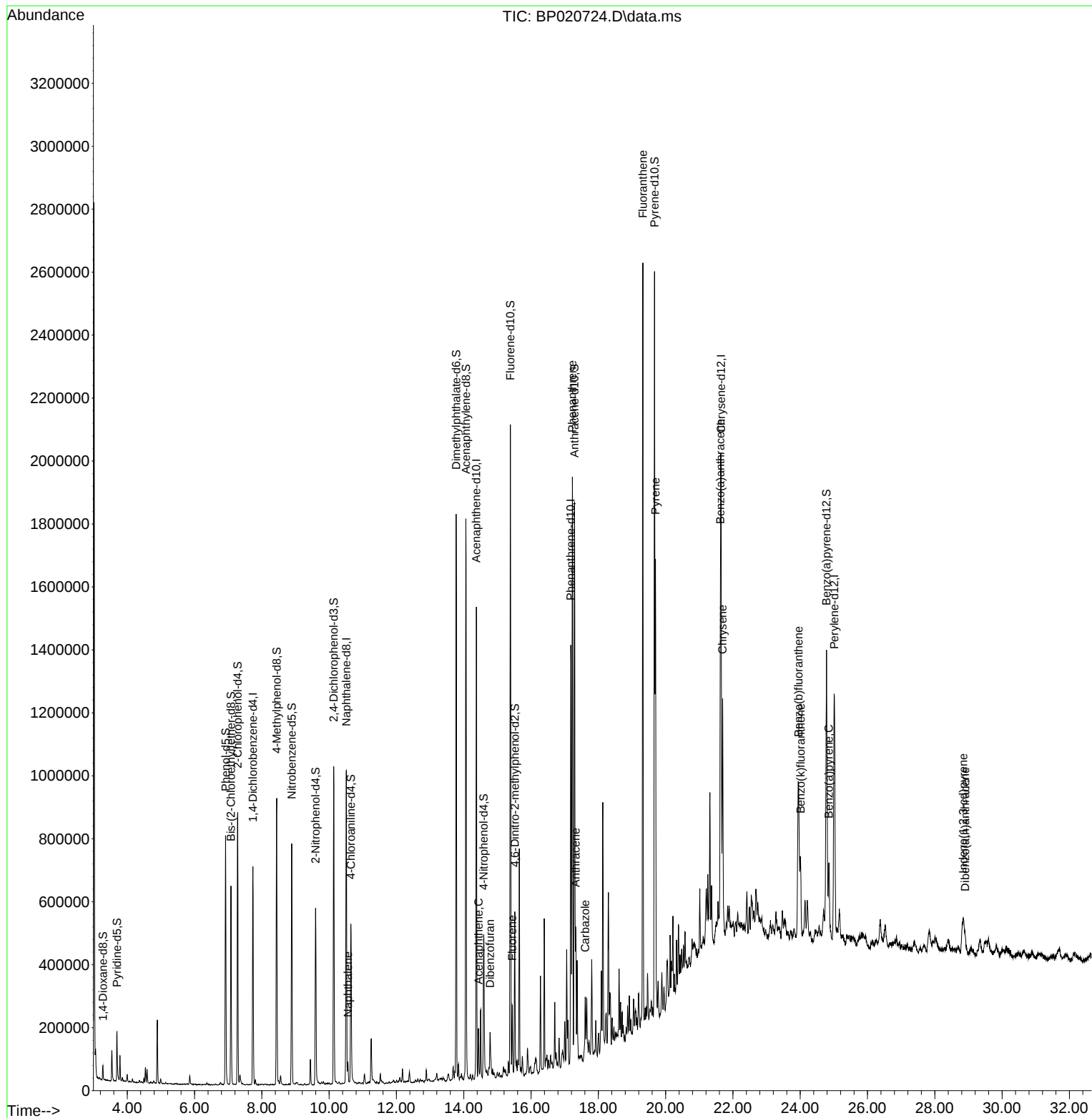
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
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 ALS Vial : 13 Sample Multiplier: 1

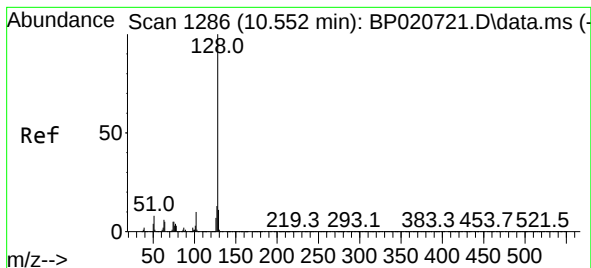
Instrument :
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#30

Naphthalene

Concen: 1.334 ng/ul

RT: 10.557 min Scan# 1286

Delta R.T. -0.012 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_P

ClientSampleId :

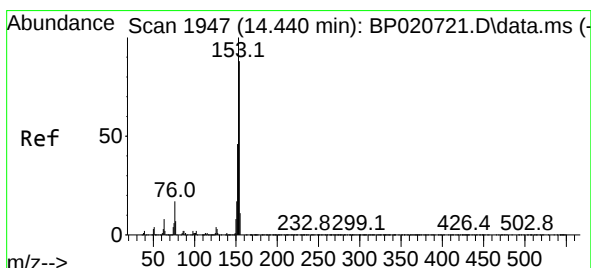
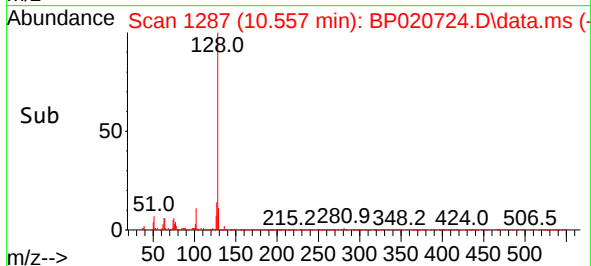
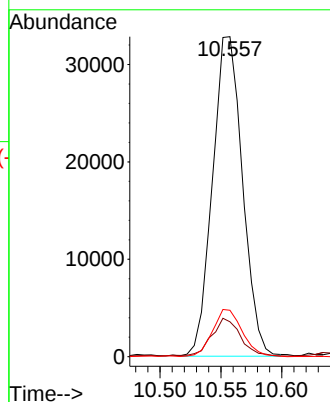
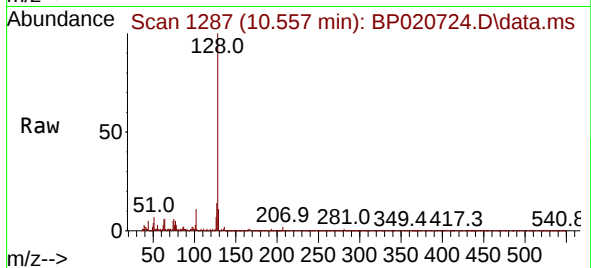
A4B54

Tgt Ion:128	Resp: 5635
Ion Ratio	Lower Upper
128 100	
129 10.9	8.7 13.1
127 14.5	10.6 15.8

Manual Integrations

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#52

Acenaphthene

Concen: 2.208 ng/ul

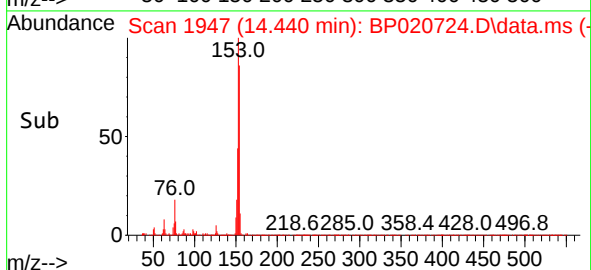
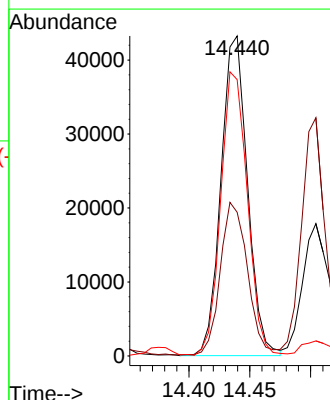
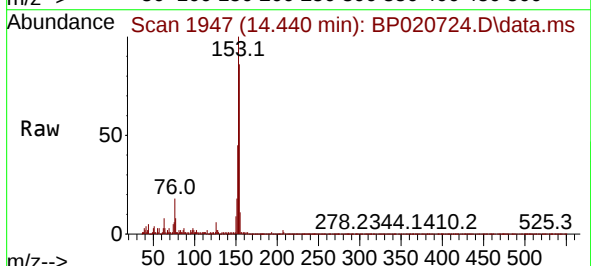
RT: 14.440 min Scan# 1947

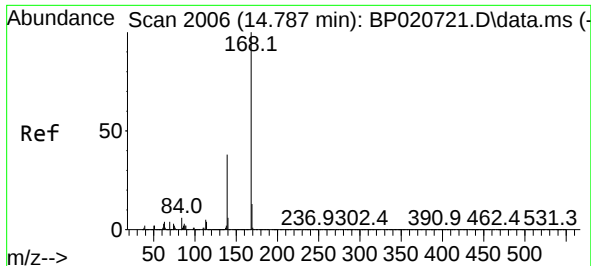
Delta R.T. 0.012 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Tgt Ion:153	Resp: 65607
Ion Ratio	Lower Upper
153 100	
152 44.9	38.2 57.2
154 86.4	69.8 104.6





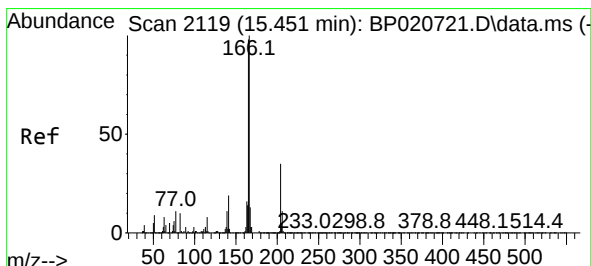
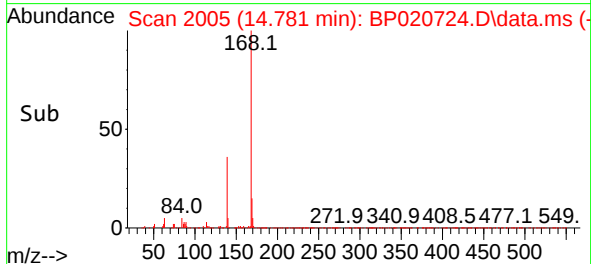
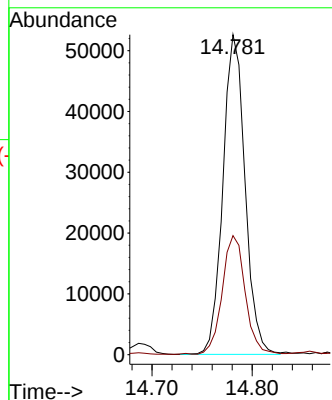
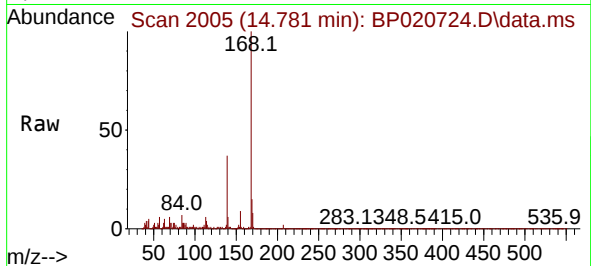
#56
Dibenzofuran
Concen: 2.011 ng/ul
RT: 14.781 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BP020724.D
Acq: 01 Jul 2024 19:05

Instrument :
BNA_P
ClientSampleId :
A4B54

Tgt Ion:168 Resp: 8051
Ion Ratio Lower Upper
168 100
139 37.2 30.7 46.1

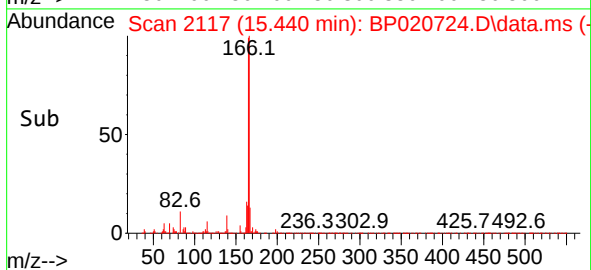
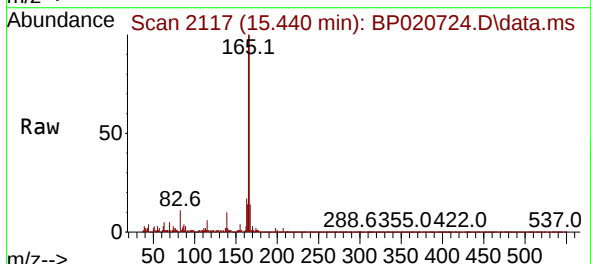
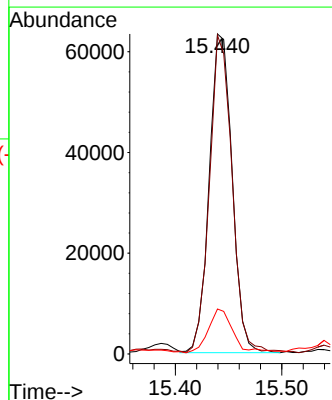
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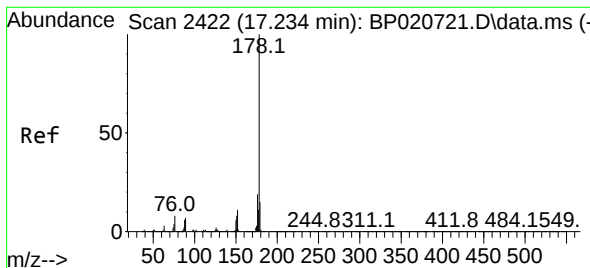
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#61
Fluorene
Concen: 2.934 ng/ul
RT: 15.440 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BP020724.D
Acq: 01 Jul 2024 19:05

Tgt Ion:166 Resp: 94370
Ion Ratio Lower Upper
166 100
165 99.6 78.8 118.2
167 14.0 11.2 16.8





#72

Phenanthrene

Concen: 27.097 ng/ul

RT: 17.228 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_P

ClientSampleId :

A4B54

Tgt Ion:178 Resp: 1192760

Ion Ratio Lower Upper

178 100

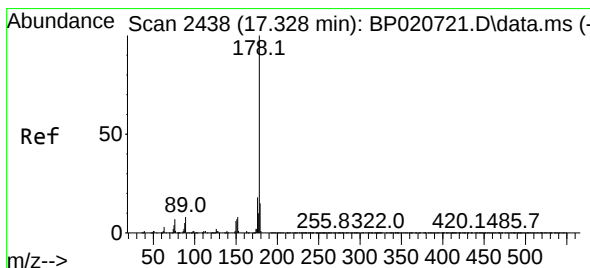
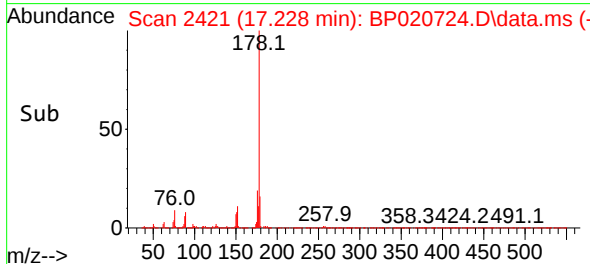
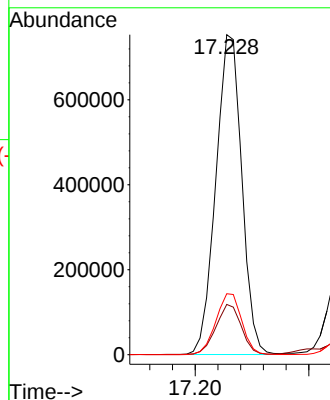
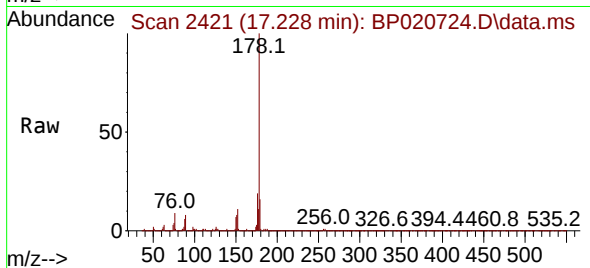
179 15.7 12.4 18.6

176 19.1 15.4 23.2

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#74

Anthracene

Concen: 6.879 ng/ul

RT: 17.328 min Scan# 2438

Delta R.T. 0.012 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

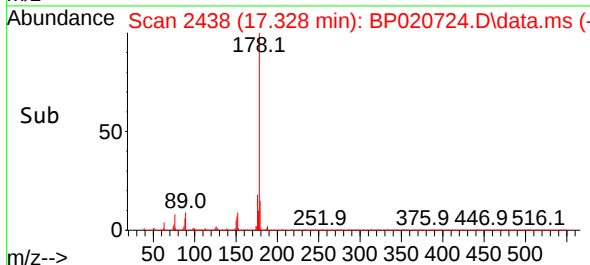
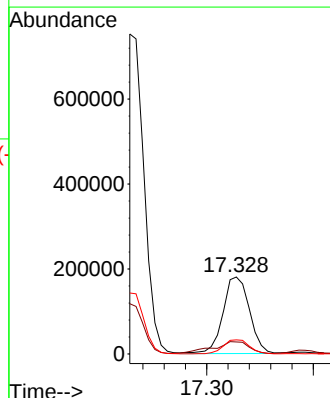
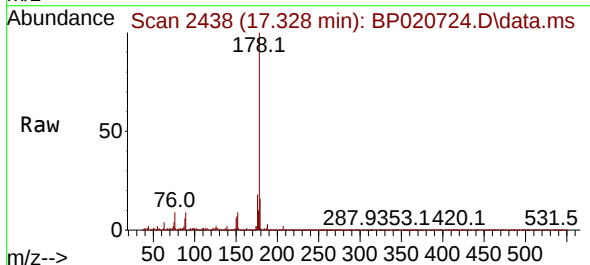
Tgt Ion:178 Resp: 311449

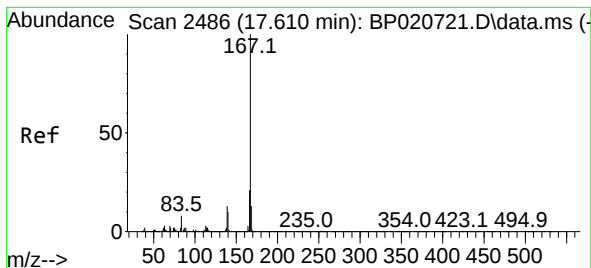
Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 18.3 15.0 22.4





#77

Carbazole

Concen: 3.171 ng/ul

RT: 17.610 min Scan# 2486

Delta R.T. 0.006 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_P

ClientSampleId :

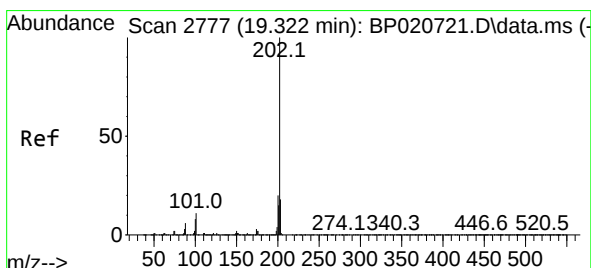
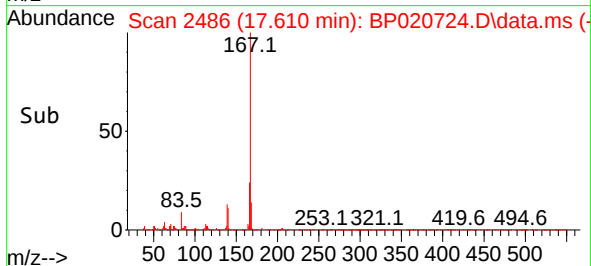
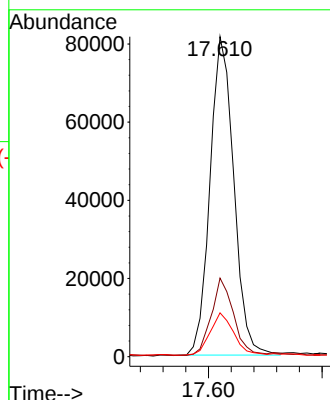
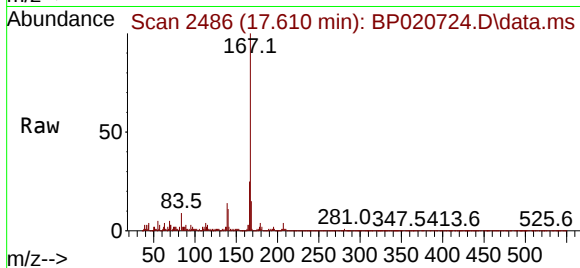
A4B54

Tgt Ion:	167	Resp:	11848
Ion Ratio	Lower	Upper	
167	100		
166	24.5	17.2	25.8
139	13.7	10.6	16.0

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#80

Fluoranthene

Concen: 26.531 ng/ul

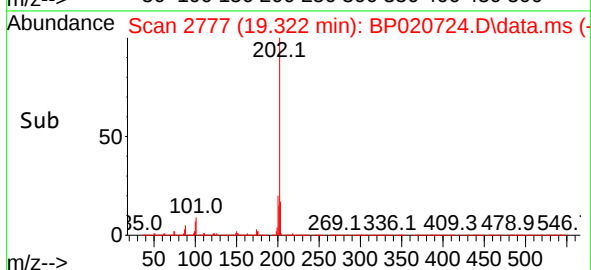
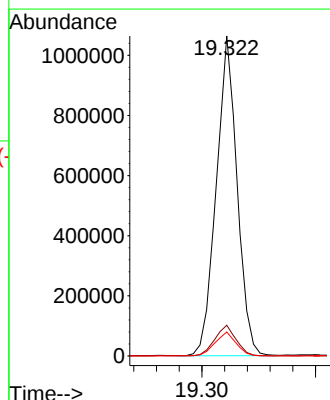
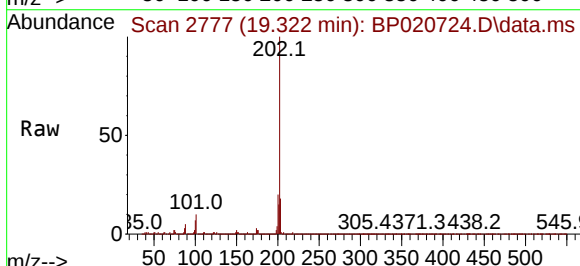
RT: 19.322 min Scan# 2777

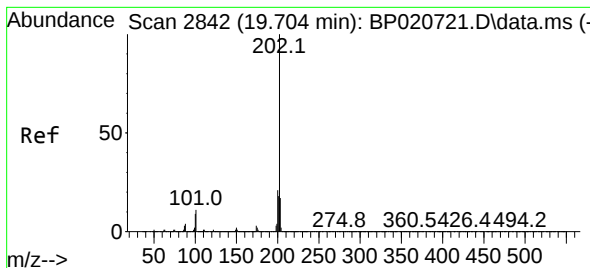
Delta R.T. 0.000 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Tgt Ion:	202	Resp:	1357135
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.2	12.4
100	7.5	6.6	10.0





#82

Pyrene

Concen: 17.407 ng/ul

RT: 19.698 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_P

ClientSampleId :

A4B54

Tgt Ion:202 Resp: 913200

Ion Ratio Lower Upper

202 100

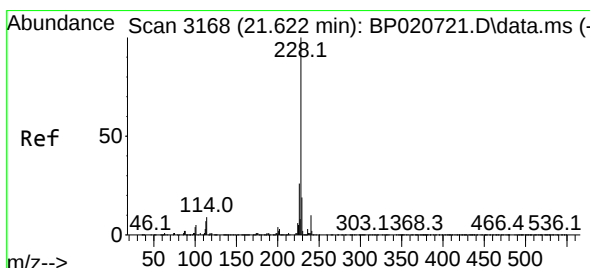
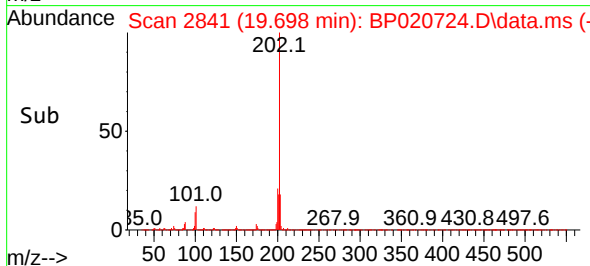
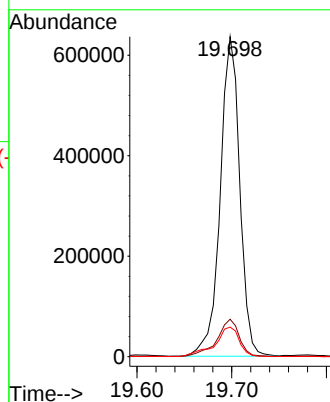
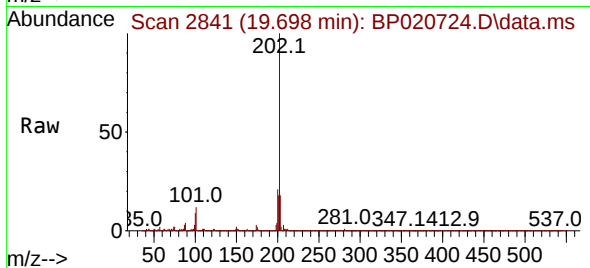
101 11.7 9.8 14.8

100 9.3 7.9 11.9

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#85

Benzo(a)anthracene

Concen: 11.952 ng/ul

RT: 21.627 min Scan# 3169

Delta R.T. 0.006 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

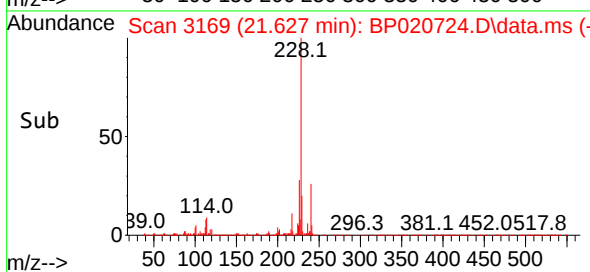
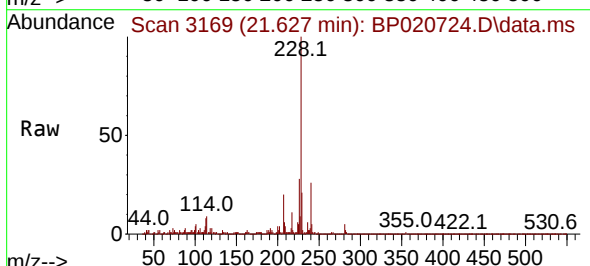
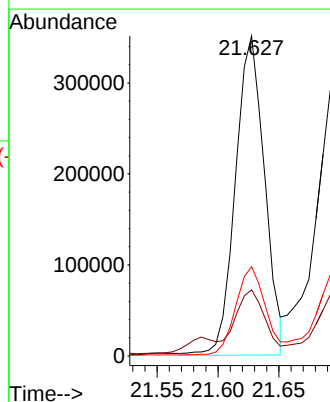
Tgt Ion:228 Resp: 583952

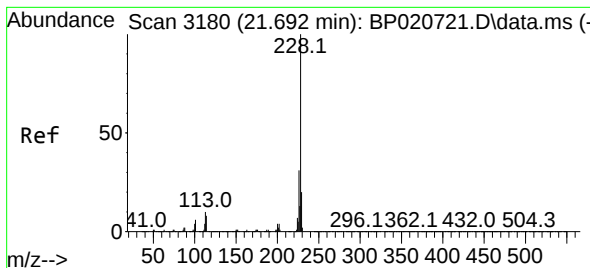
Ion Ratio Lower Upper

228 100

229 20.6 15.2 22.8

226 27.9 21.1 31.7





#87

Chrysene

Concen: 11.471 ng/ul

RT: 21.692 min Scan# 3180

Delta R.T. 0.000 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_P

ClientSampleId :

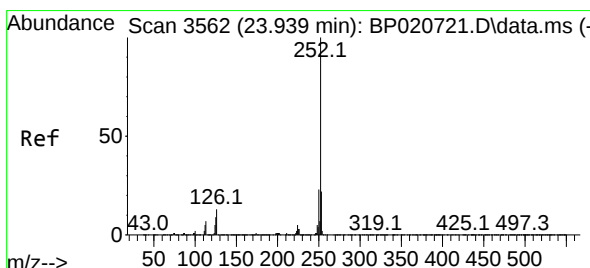
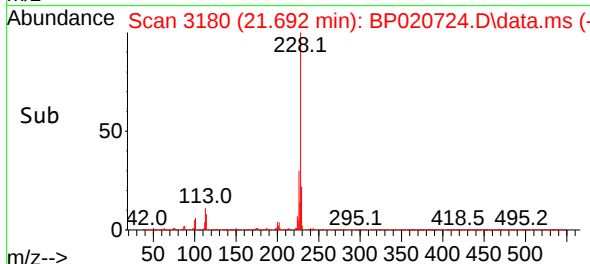
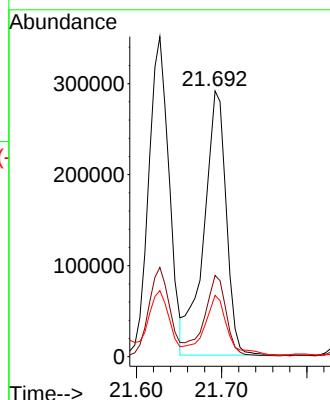
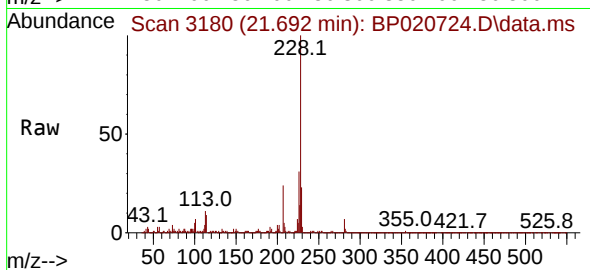
A4B54

Tgt Ion:	228	Resp:	52974
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.8	35.6
229	23.1	16.1	24.1

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#90

Benzo(b)fluoranthene

Concen: 11.935 ng/ul

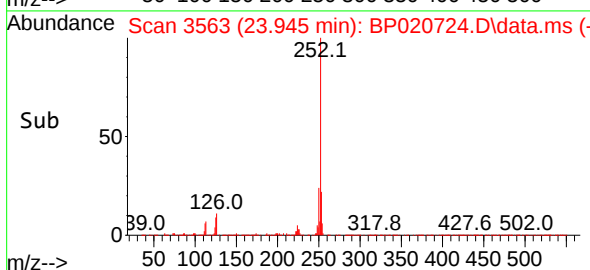
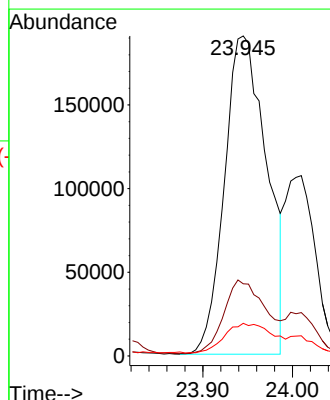
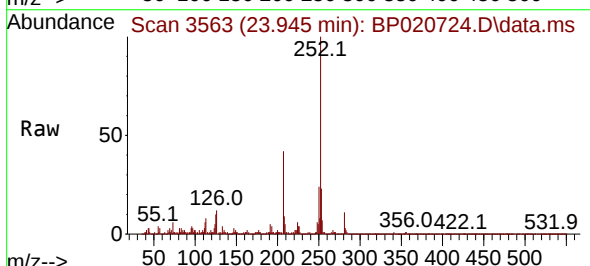
RT: 23.945 min Scan# 3563

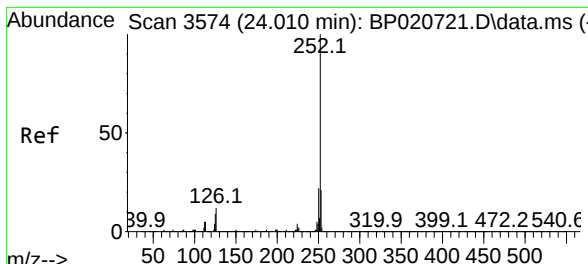
Delta R.T. 0.006 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

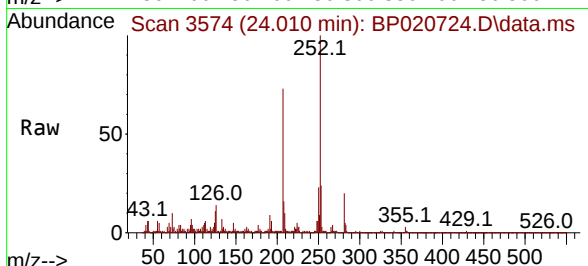
Tgt Ion:	252	Resp:	623408
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	10.2	7.9	11.9





#91
Benzo(k)fluoranthene
Concen: 4.649 ng/u1
RT: 24.010 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP020724.D
Acq: 01 Jul 2024 19:05

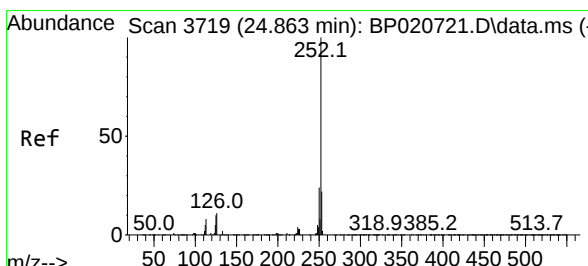
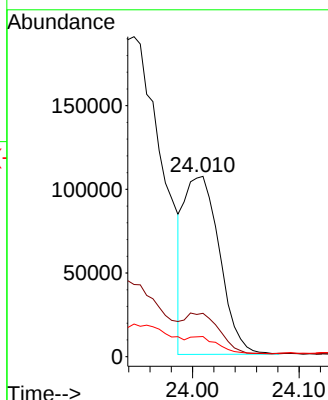
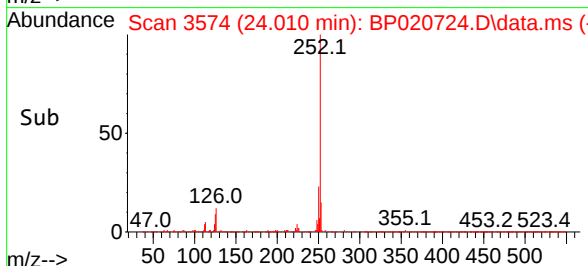
Instrument :
BNA_P
ClientSampleId :
A4B54



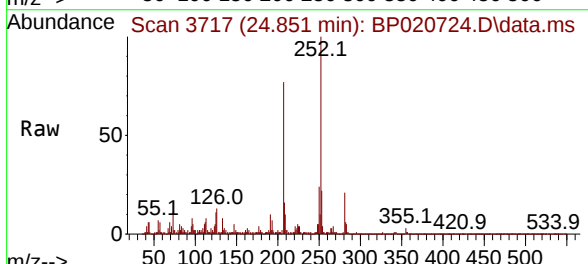
Tgt Ion:252 Resp: 24562
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 11.2 7.9 11.9

Manual Integrations
APPROVED

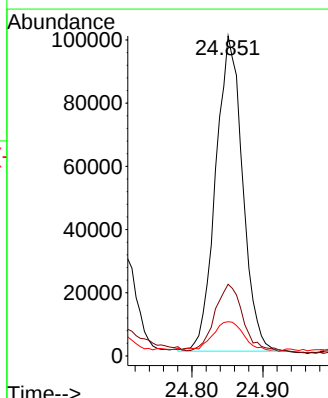
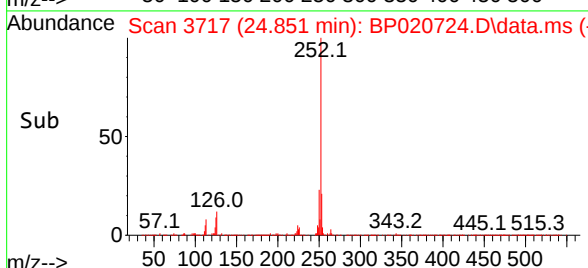
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

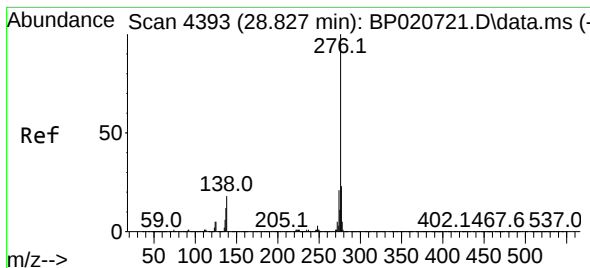


#93
Benzo(a)pyrene
Concen: 5.308 ng/u1
RT: 24.851 min Scan# 3717
Delta R.T. 0.006 min
Lab File: BP020724.D
Acq: 01 Jul 2024 19:05



Tgt Ion:252 Resp: 261741
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.7 8.7 13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.175 ng/ul m

RT: 28.845 min Scan# 4393

Delta R.T. 0.030 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Instrument :

BNA_P

ClientSampleId :

A4B54

Tgt Ion:276 Resp: 200770

Ion Ratio Lower Upper

276 100

138 18.2 15.2 22.8

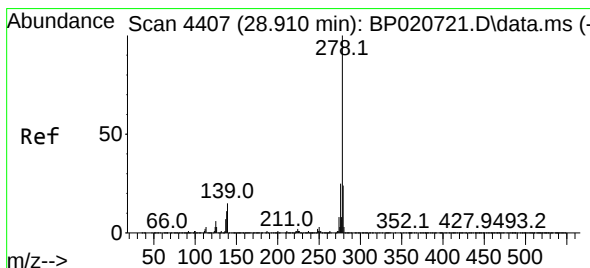
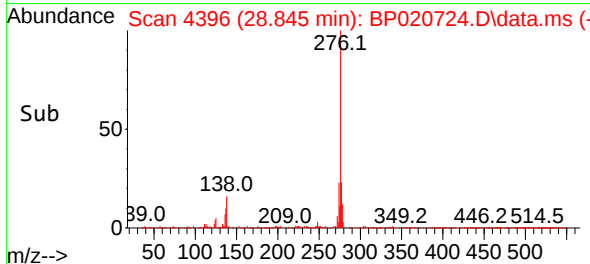
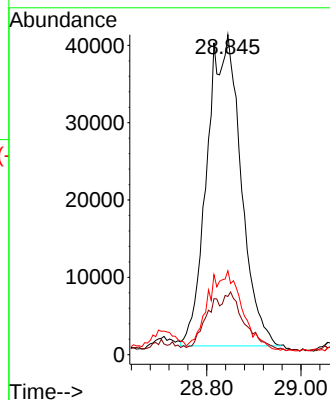
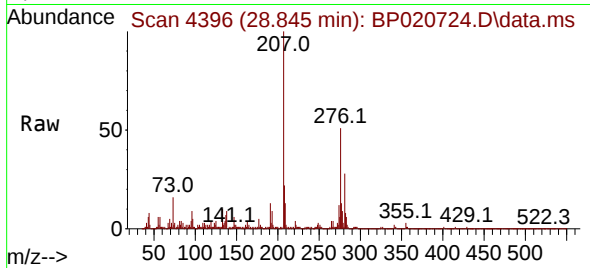
277 26.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024

Supervised By :mohammad ahmed 07/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.525 ng/ul

RT: 28.904 min Scan# 4406

Delta R.T. 0.006 min

Lab File: BP020724.D

Acq: 01 Jul 2024 19:05

Tgt Ion:278 Resp: 79269

Ion Ratio Lower Upper

278 100

139 16.2 11.1 16.7

279 27.8 18.7 28.1

