

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020821.D
 Acq On : 06 Jul 2024 15:29
 Operator : MA/JU
 Sample : P3010-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B65

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:26:01 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	7.734	152	227086	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	946544	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	623030	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.175	188	1282092	20.000	ng/u1	0.01
79) Chrysene-d12	21.627	240	1140929	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	1368422	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	16932	3.202	ng/uL	0.00
4) Pyridine-d5	3.693	84	17954m	1.165	ng/u1	0.01
7) Phenol-d5	6.928	99	424955	22.816	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.075	67	247412	20.953	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	359714	23.631	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	355774	23.519	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	176019	25.188	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	202196	28.913	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	362322	25.152	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	190754	9.449	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1108520	25.590	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	1256252	24.304	ng/u1	0.01
54) 4-Nitrophenol-d4	14.610	143	157253	23.759	ng/u1	0.03
60) Fluorene-d10	15.375	176	951211	26.095	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	85433	13.223	ng/u1	0.02
73) Anthracene-d10	17.275	188	1424984	24.765	ng/u1	0.01
81) Pyrene-d10	19.657	212	1432936	20.906	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	1121439	16.847	ng/u1	0.01
Target Compounds					Qvalue	
52) Acenaphthene	14.428	153	70773	1.827	ng/u1	96
56) Dibenzofuran	14.775	168	59696	1.144	ng/u1	99
61) Fluorene	15.434	166	90525	2.159	ng/u1	97
72) Phenanthrene	17.216	178	1637285	24.387	ng/u1	99
74) Anthracene	17.310	178	345853	5.008	ng/u1	99
77) Carbazole	17.598	167	173901	3.051	ng/u1	99
80) Fluoranthene	19.310	202	2546208	30.412	ng/u1	98
82) Pyrene	19.686	202	1644849	19.156	ng/u1	99
85) Benzo(a)anthracene	21.610	228	1129621	14.126	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	72578	1.466	ng/u1#	94
87) Chrysene	21.674	228	1131430	14.968	ng/u1	98
90) Benzo(b)fluoranthene	23.927	252	1352214	16.311	ng/u1	99
91) Benzo(k)fluoranthene	23.986	252	460668m	5.493	ng/u1	
93) Benzo(a)pyrene	24.827	252	487812	6.233	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.792	276	426524m	4.249	ng/u1	
95) Dibenzo(a,h)anthracene	28.862	278	173356m	2.101	ng/u1	

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

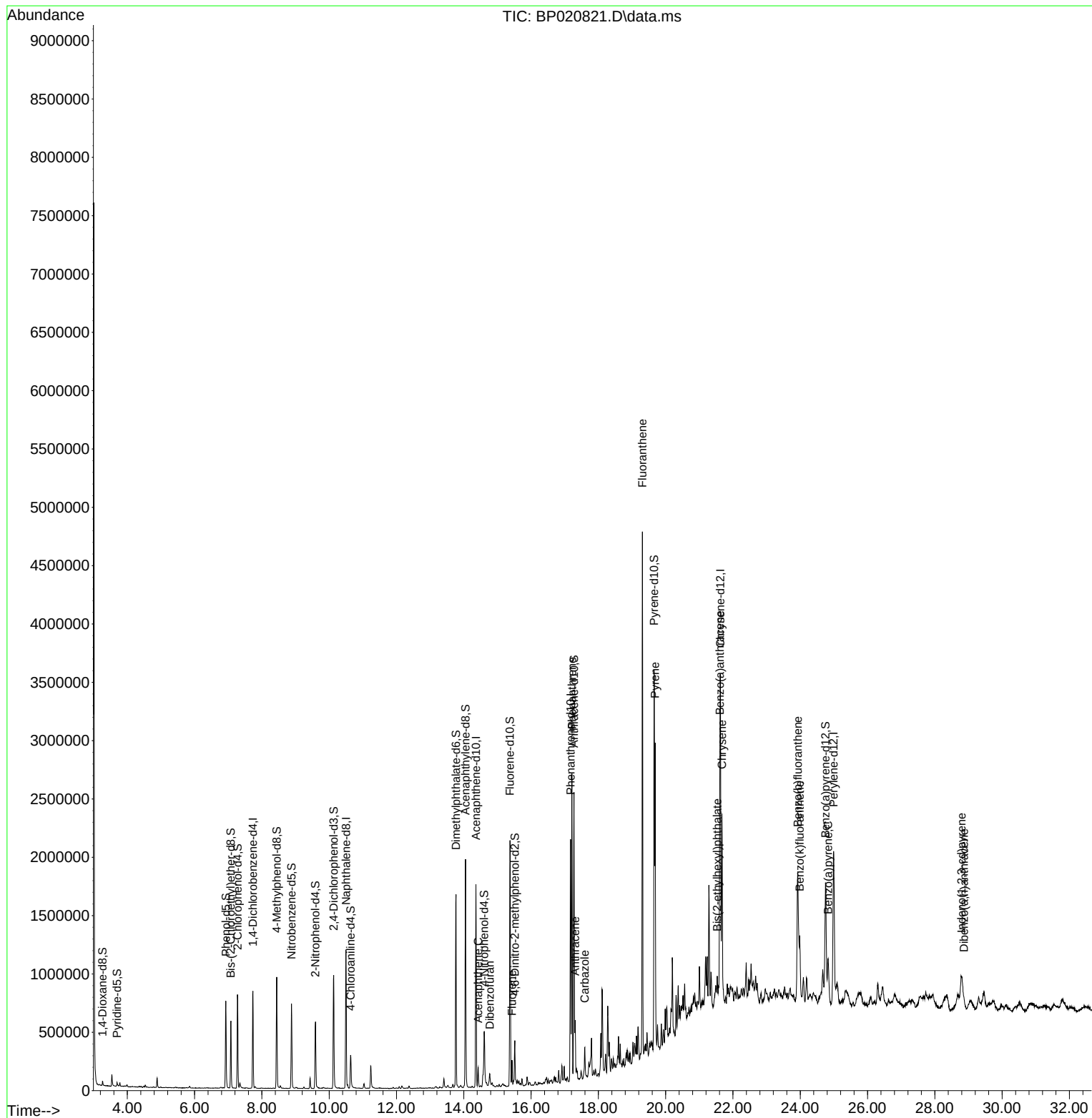
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020821.D
Acq On : 06 Jul 2024 15:29
Operator : MA/JU
Sample : P3010-12
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ALS Vial : 41 Sample Multiplier: 1

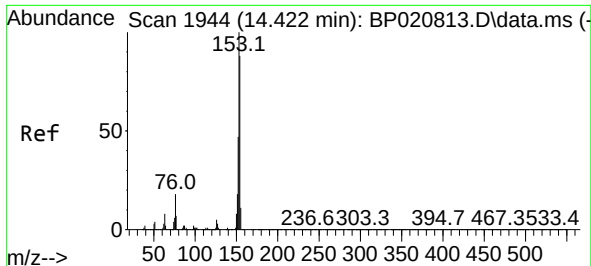
Instrument :
BNA_P
ClientSampleId :
A4B65

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
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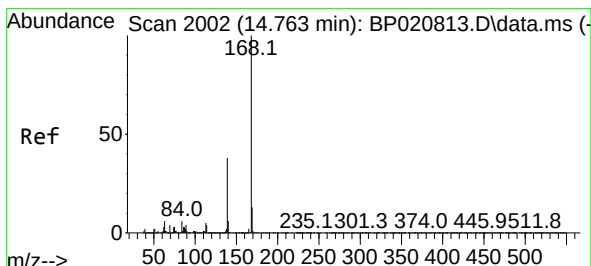
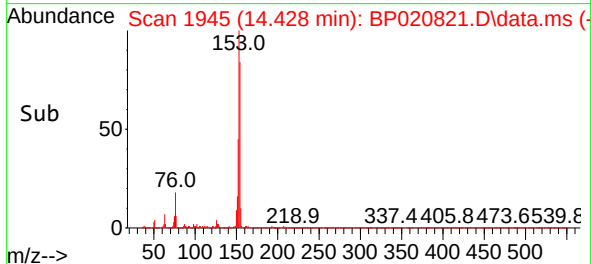
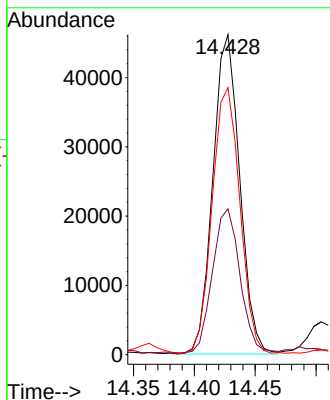
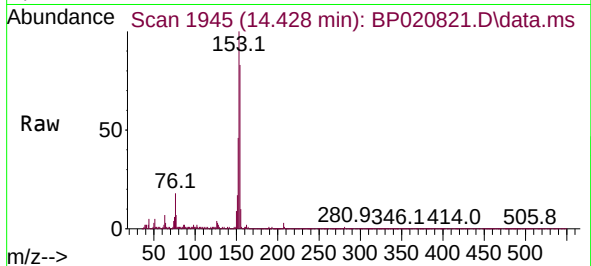
#52
Acenaphthene
Concen: 1.827 ng/ul
RT: 14.428 min Scan# 1944
Delta R.T. 0.012 min
Lab File: BP020821.D
Acq: 06 Jul 2024 15:29

Instrument :
BNA_P
ClientSampleId :
A4B65

Tgt Ion:153 Resp: 7077
Ion Ratio Lower Upper
153 100
152 45.6 38.2 57.2
154 83.5 69.8 104.6

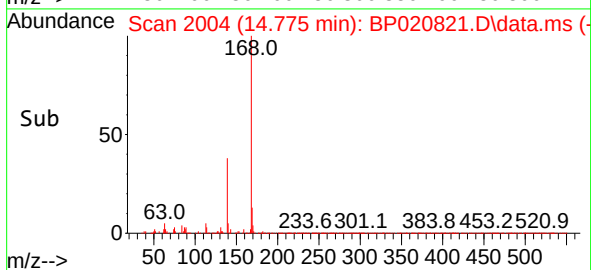
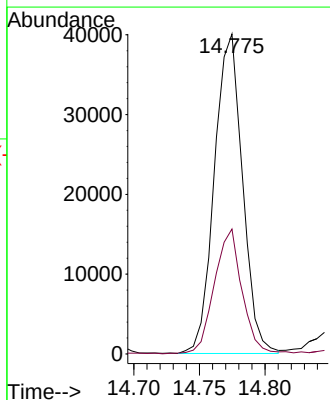
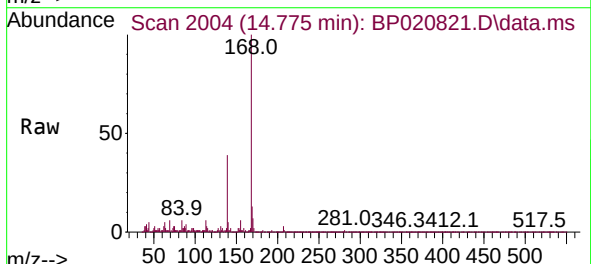
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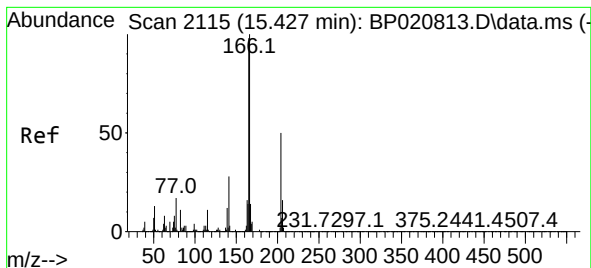
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#56
Dibenzofuran
Concen: 1.144 ng/ul
RT: 14.775 min Scan# 2004
Delta R.T. 0.012 min
Lab File: BP020821.D
Acq: 06 Jul 2024 15:29

Tgt Ion:168 Resp: 59696
Ion Ratio Lower Upper
168 100
139 39.0 30.7 46.1





#61

Fluorene

Concen: 2.159 ng/ul

RT: 15.434 min Scan# 2115

Delta R.T. 0.012 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

Instrument :

BNA_P

ClientSampleId :

A4B65

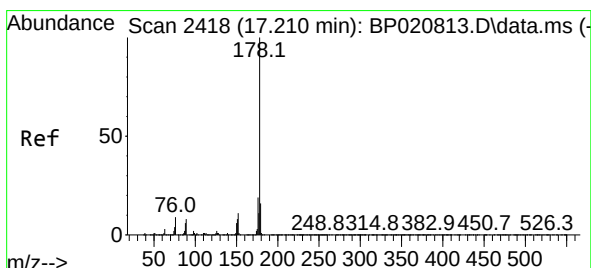
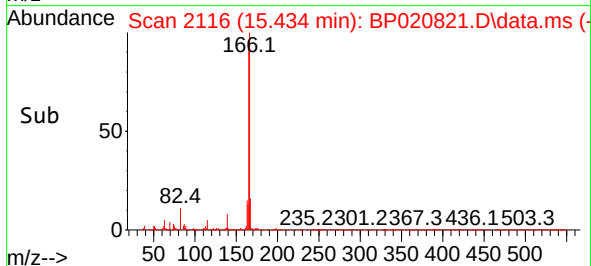
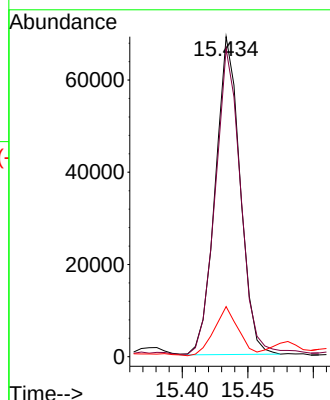
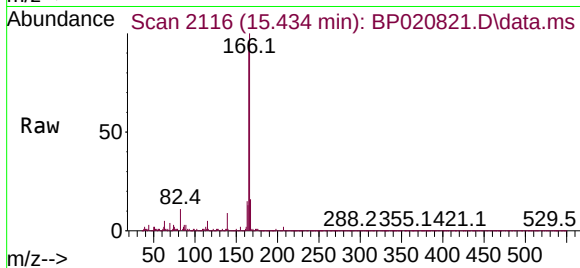
Tgt Ion:166	Resp: 90529
Ion Ratio	Lower Upper
166 100	
165 96.2	78.8 118.2
167 15.6	11.2 16.8

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#72

Phenanthrene

Concen: 24.387 ng/ul

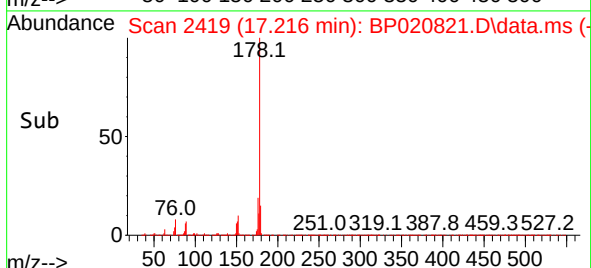
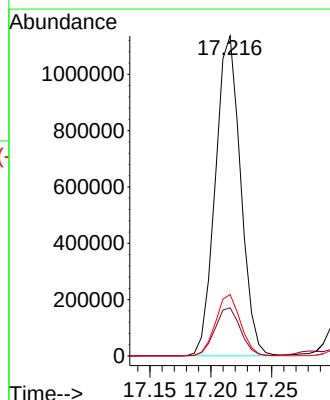
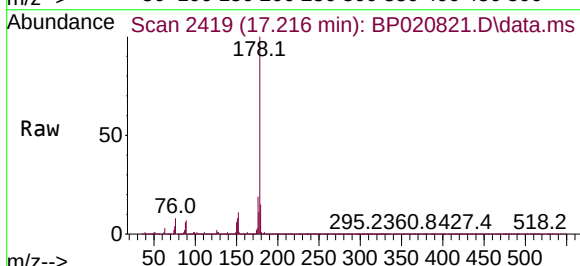
RT: 17.216 min Scan# 2419

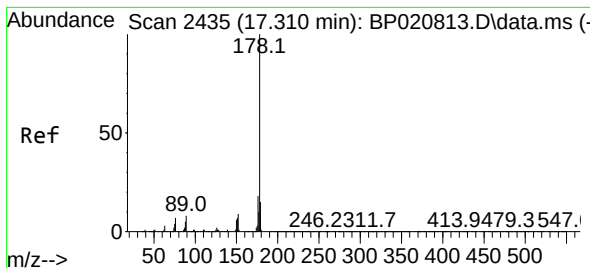
Delta R.T. 0.012 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

Tgt Ion:178	Resp: 1637285
Ion Ratio	Lower Upper
178 100	
179 15.1	12.4 18.6
176 19.2	15.4 23.2





#74

Anthracene

Concen: 5.008 ng/ul

RT: 17.310 min Scan# 2435

Delta R.T. 0.012 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

Instrument :

BNA_P

ClientSampleId :

A4B65

Tgt Ion:178 Resp: 34585

Ion Ratio Lower Upper

178 100

179 16.1 12.1 18.1

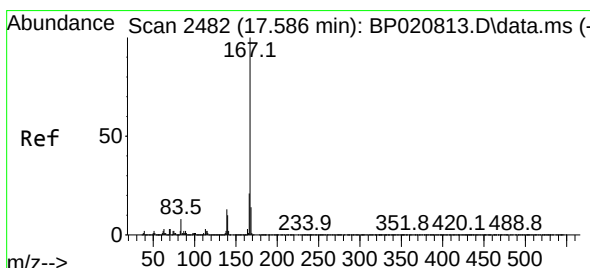
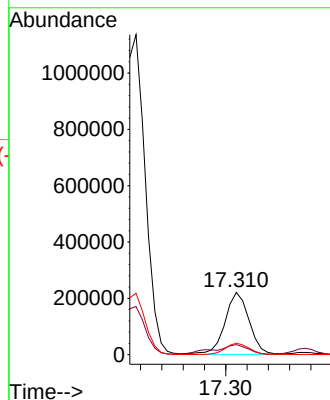
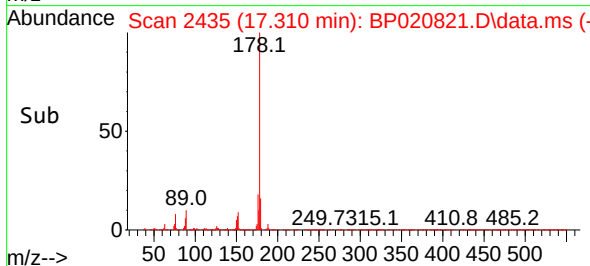
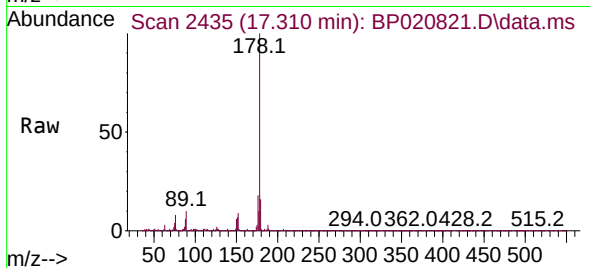
176 18.4 15.0 22.4

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#77

Carbazole

Concen: 3.051 ng/ul

RT: 17.598 min Scan# 2484

Delta R.T. 0.012 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

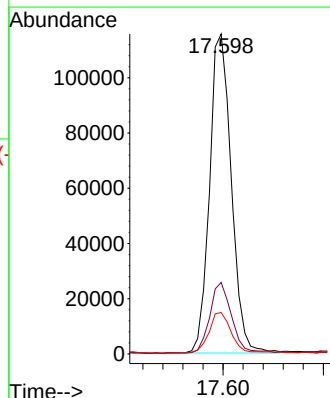
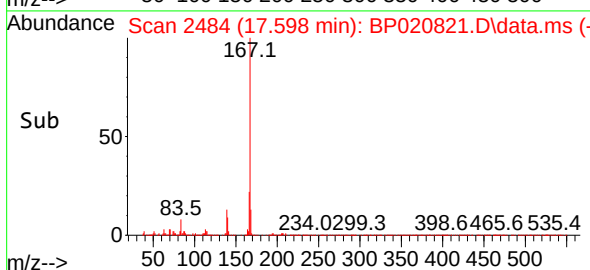
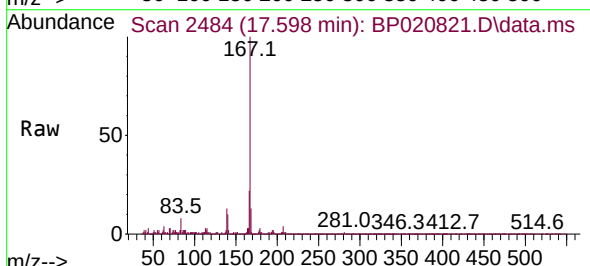
Tgt Ion:167 Resp: 173901

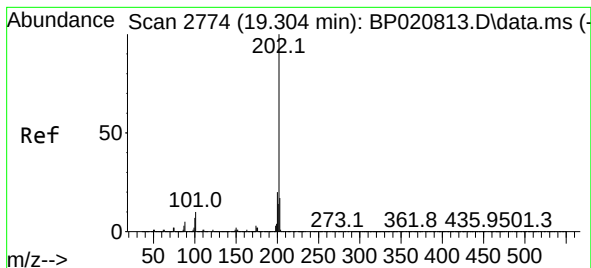
Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

139 13.0 10.6 16.0





#80

Fluoranthene

Concen: 30.412 ng/uI

RT: 19.310 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

Instrument :

BNA_P

ClientSampleId :

A4B65

Tgt Ion:202 Resp: 2546208

Ion Ratio Lower Upper

202 100

101 9.7 8.2 12.4

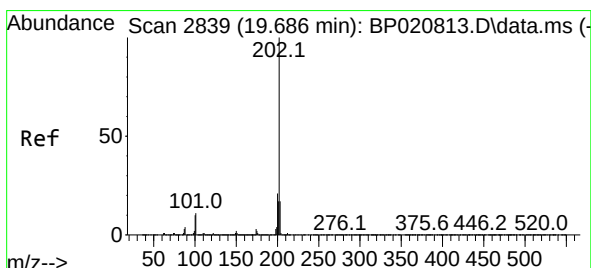
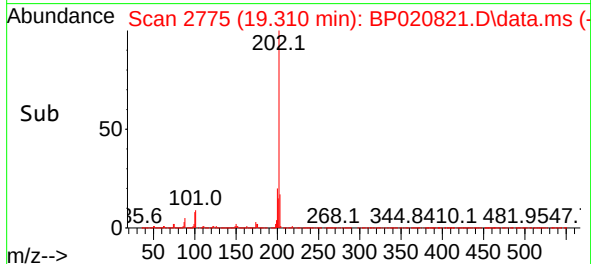
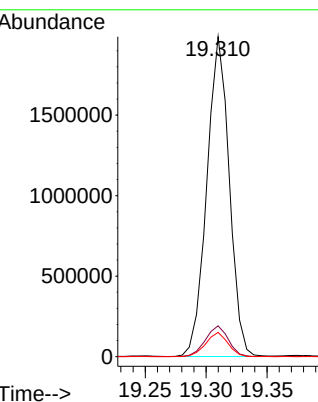
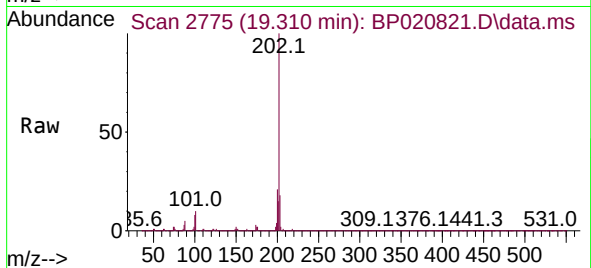
100 7.6 6.6 10.0

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#82

Pyrene

Concen: 19.156 ng/uI

RT: 19.686 min Scan# 2839

Delta R.T. 0.006 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

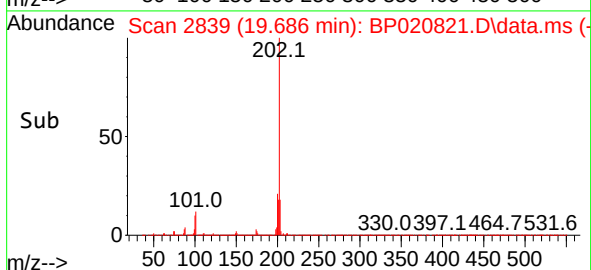
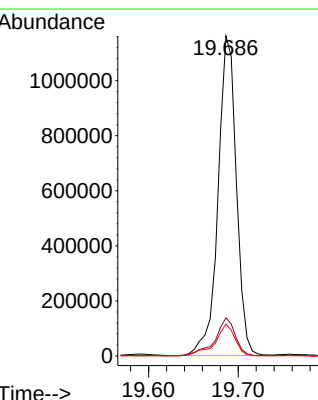
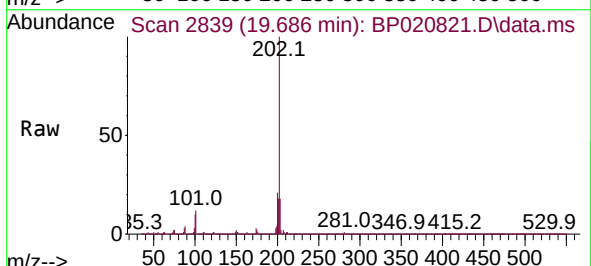
Tgt Ion:202 Resp: 1644849

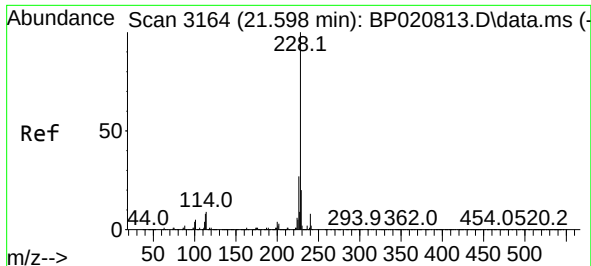
Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

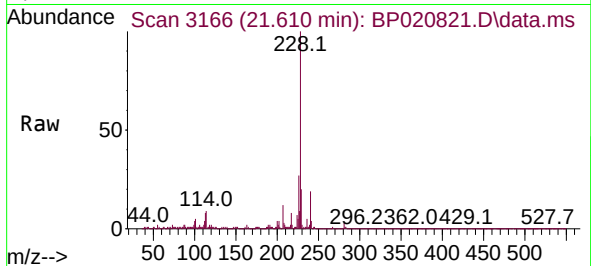
100 9.9 7.9 11.9





#85
Benzo(a)anthracene
Concen: 14.126 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP020821.D
Acq: 06 Jul 2024 15:29

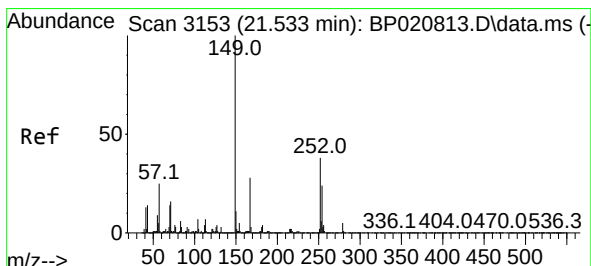
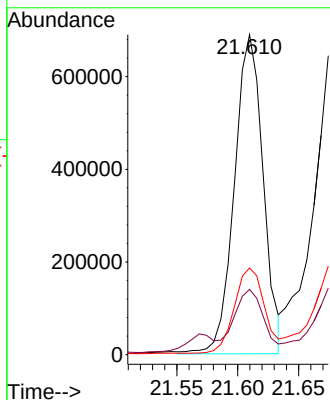
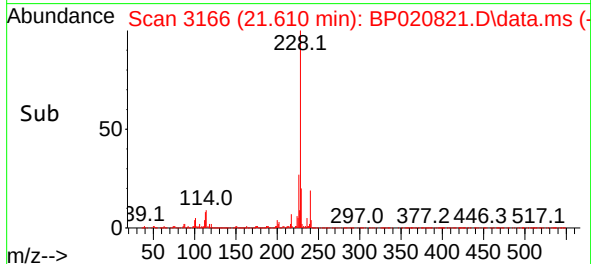
Instrument :
BNA_P
Client Sample Id :
A4B65



Tgt Ion: 228 Resp: 112962
Ion Ratio Lower Upper
228 100
229 20.4 15.2 22.8
226 27.1 21.1 31.7

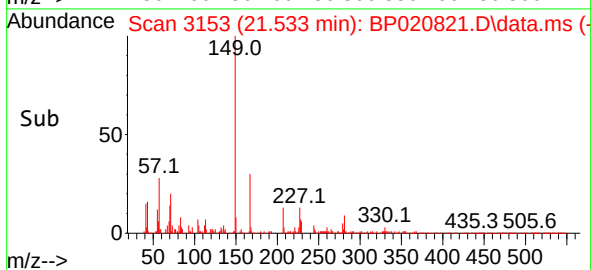
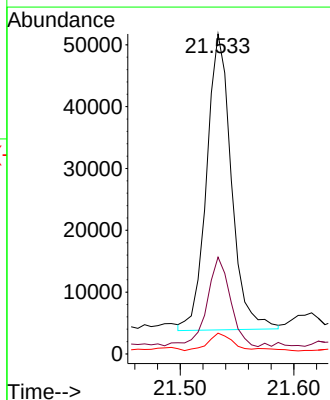
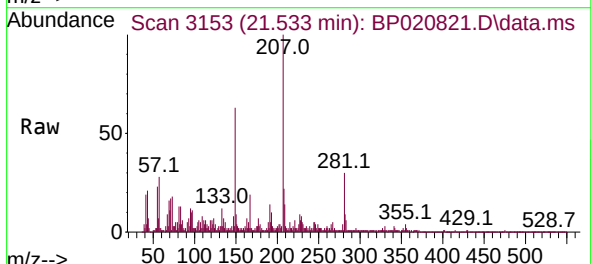
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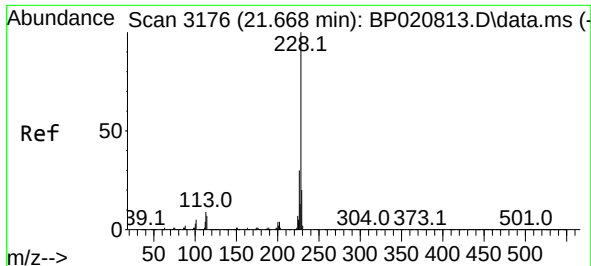
Reviewed By : Yogesh Patel 07/08/2024
Supervised By : mohammad ahmed 07/08/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.466 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020821.D
Acq: 06 Jul 2024 15:29

Tgt Ion: 149 Resp: 72578
Ion Ratio Lower Upper
149 100
167 30.3 22.0 33.0
279 6.5 3.3 4.9





#87

Chrysene

Concen: 14.968 ng/u1

RT: 21.674 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

Instrument :

BNA_P

ClientSampleId :

A4B65

Tgt Ion:228 Resp: 1131430

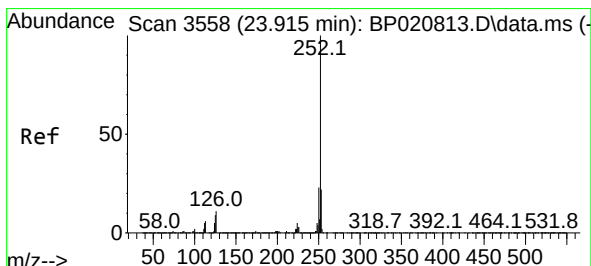
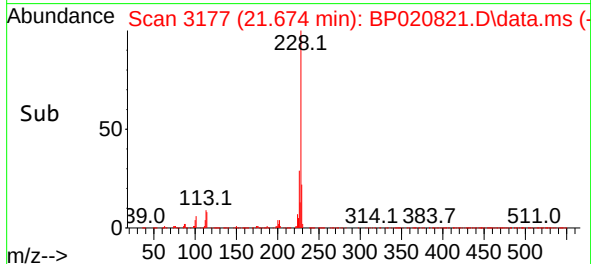
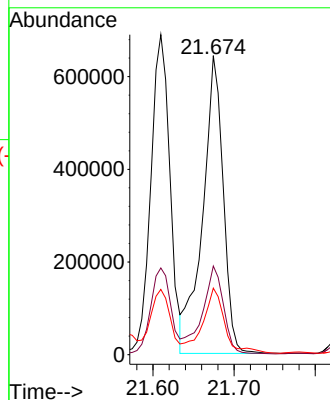
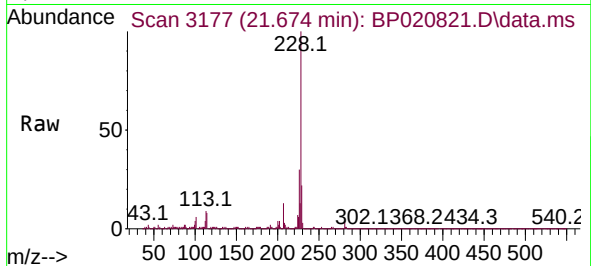
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	22.2	16.1	24.1

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#90

Benzo(b)fluoranthene

Concen: 16.311 ng/u1

RT: 23.927 min Scan# 3560

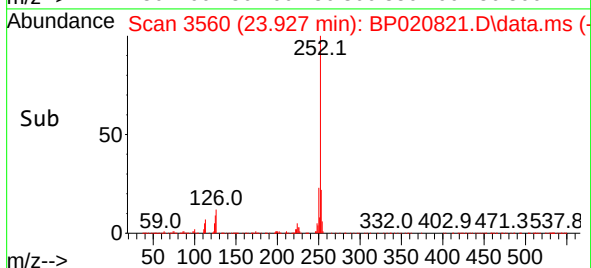
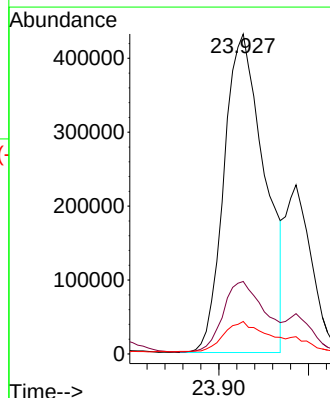
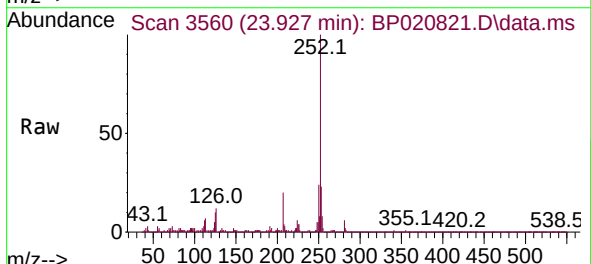
Delta R.T. 0.023 min

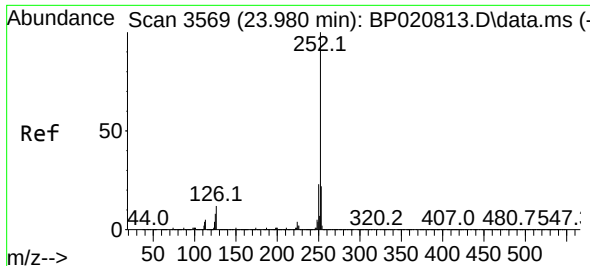
Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

Tgt Ion:252 Resp: 1352214

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.1	7.9	11.9





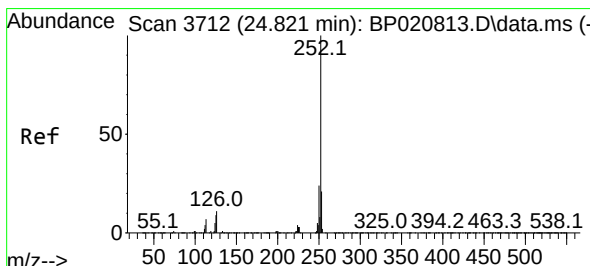
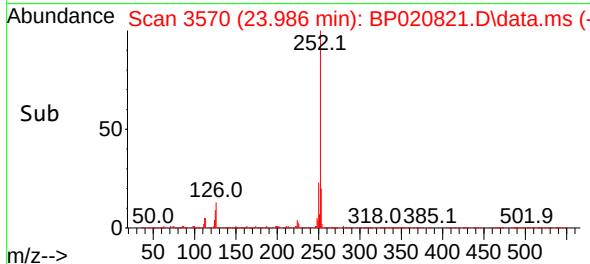
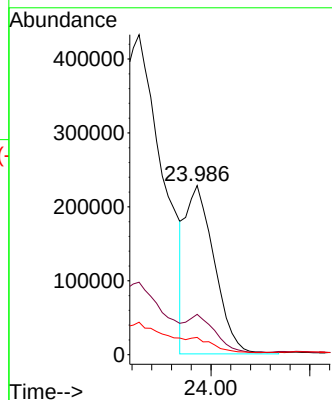
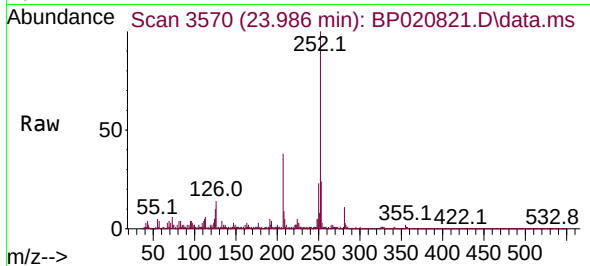
#91
Benzo(k)fluoranthene
Concen: 5.493 ng/ul m
RT: 23.986 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP020821.D
Acq: 06 Jul 2024 15:29

Instrument :
BNA_P
ClientSampleId :
A4B65

Tgt Ion:252 Resp: 460668
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 10.2 7.9 11.9

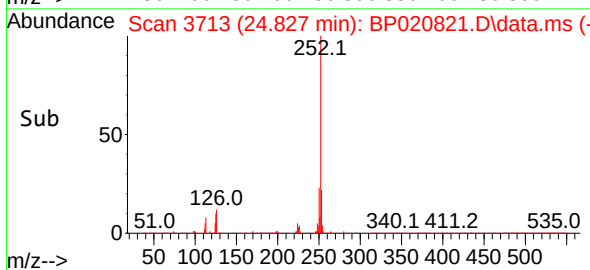
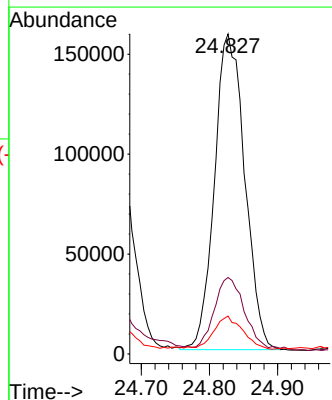
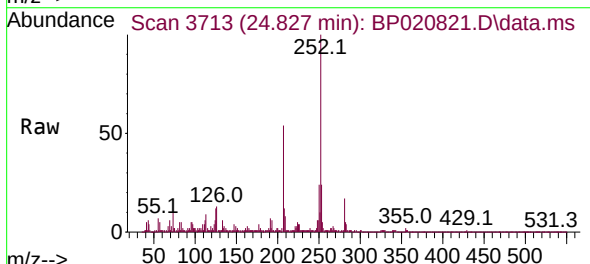
Manual Integrations
APPROVED

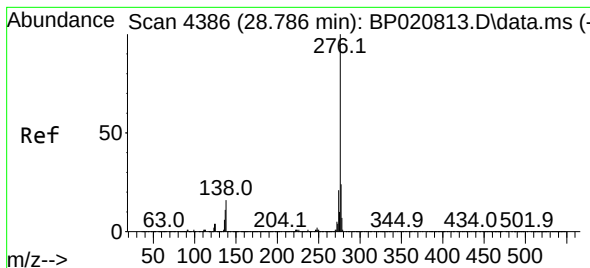
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#93
Benzo(a)pyrene
Concen: 6.233 ng/ul
RT: 24.827 min Scan# 3713
Delta R.T. 0.018 min
Lab File: BP020821.D
Acq: 06 Jul 2024 15:29

Tgt Ion:252 Resp: 487812
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 11.8 8.7 13.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.249 ng/ul m

RT: 28.792 min Scan# 4386

Delta R.T. 0.029 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

Instrument :

BNA_P

ClientSampleId :

A4B65

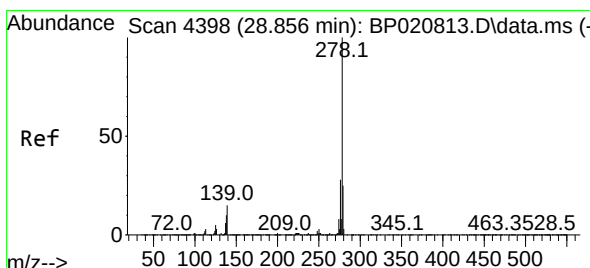
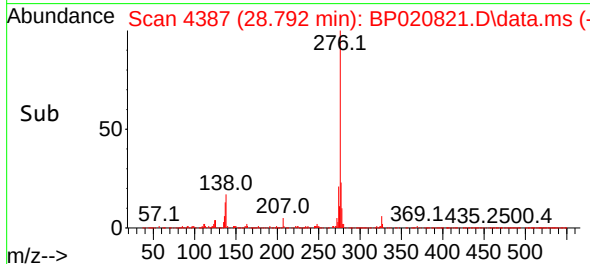
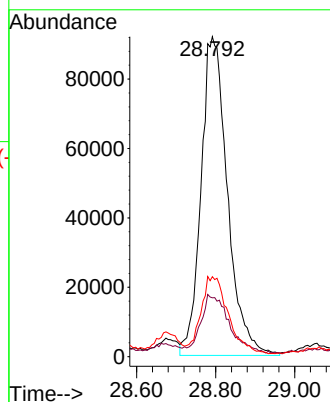
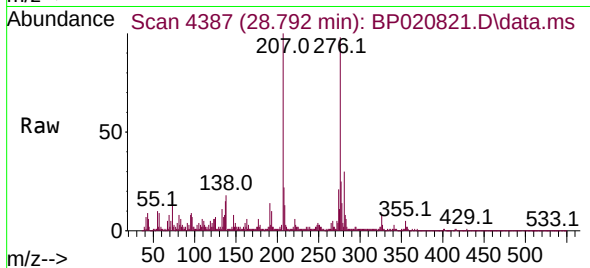
Tgt Ion:	276	Resp:	426524
Ion Ratio	Lower	Upper	
276	100		
138	18.4	15.2	22.8
277	25.0	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.101 ng/ul m

RT: 28.862 min Scan# 4399

Delta R.T. 0.023 min

Lab File: BP020821.D

Acq: 06 Jul 2024 15:29

Tgt Ion:	278	Resp:	173356
Ion Ratio	Lower	Upper	
278	100		
139	19.3	11.1	16.7#
279	30.8	18.7	28.1#

