Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020914.D
Acq On : 11 Jul 2024 23:14
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 12 00:00:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	320970	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	1342651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	788124	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1436669	20.000	ng/ul	-0.02
79) Chrysene-d12	21.621	240	1403002	20.000	ng/ul	0.00
88) Perylene-d12	24.968	264	1624411	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	22560	3.198	ng/uL	0.00
4) Pyridine-d5	3.687	84	15402m	0.754	ng/ul	0.02
7) Phenol-d5	6.916	99	491499	18.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	317372	20.013	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	430968	19.989	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	362107	16.661	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	207628	19.910	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	237572	19.904	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	400864	18.573	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	248125	8.678	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1163267	20.304	ng/ul	-0.01
49) Acenaphthylene-d8	14.034	160	1293861	20.112	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.616	143	111889	13.726	ng/ul	0.00
60) Fluorene-d10	15.363	176	939004	19.978	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	126156	14.513	ng/ul	0.00
73) Anthracene-d10	17.269	188	1305455	20.459	ng/ul	0.00
81) Pyrene-d10	19.657	212	1331827	15.354	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	1061952	13.255	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.204	178	532432	7.144	ng/ul	99
74) Anthracene	17.304	178	88452	1.164	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1893151	22.093	ng/ul	100
80) Fluoranthene	19.304	202	1390836	13.278	ng/ul	100
82) Pyrene	19.686	202	919405	8.625	ng/ul	100
85) Benzo(a)anthracene	21.604	228	595218	6.056	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	907374	14.197	ng/ul	99
87) Chrysene	21.668	228	684315	7.493	ng/ul	97
90) Benzo(b)fluoranthene	23.910	252	844376	8.566	ng/ul	97
91) Benzo(k)fluoranthene	23.962	252	404199m	4.109	ng/ul	
93) Benzo(a)pyrene	24.804	252	326174	3.501	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.774	276	326785	2.722	ng/ul	98
95) Dibenzo(a,h)anthracene	28.827	278	117475m	1.182	ng/ul	

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

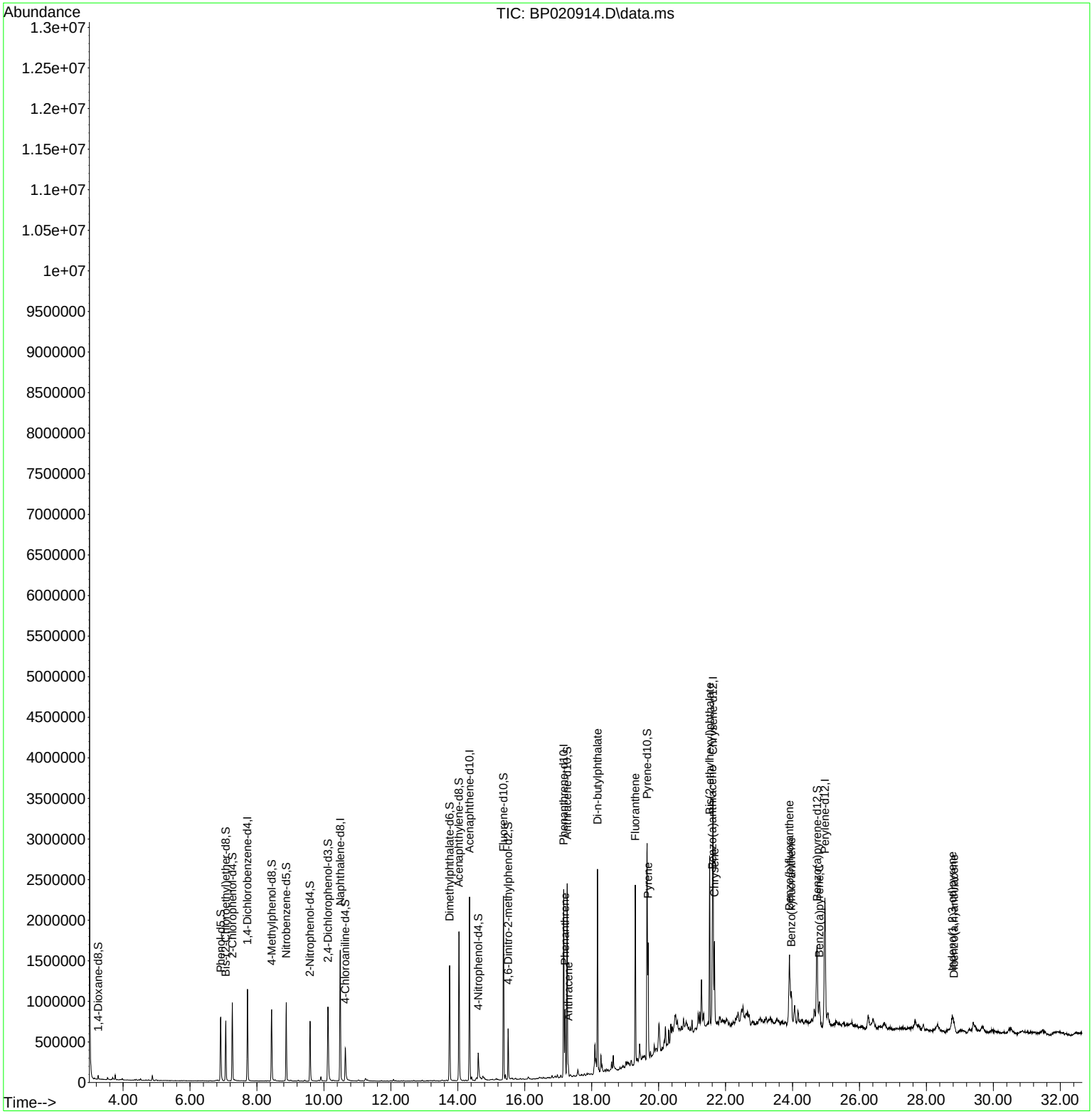
Quantitation Report (QT/LSC Reviewed)

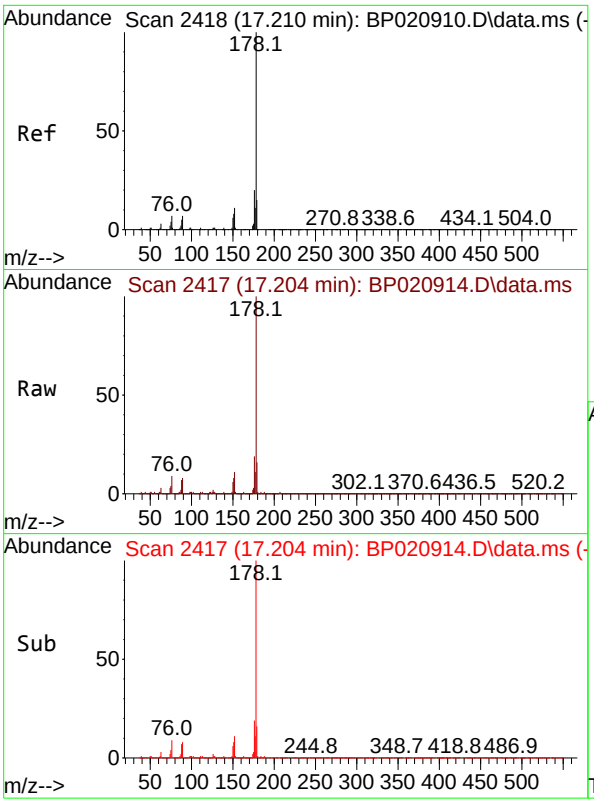
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020914.D
Acq On : 11 Jul 2024 23:14
Operator : MA/JU
Sample : P3087-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 12 00:00:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024





#72
Phenanthrene
Concen: 7.144 ng/ul
RT: 17.204 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

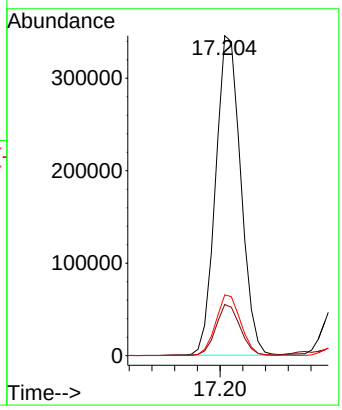
Tgt Ion:178 Resp: 53243

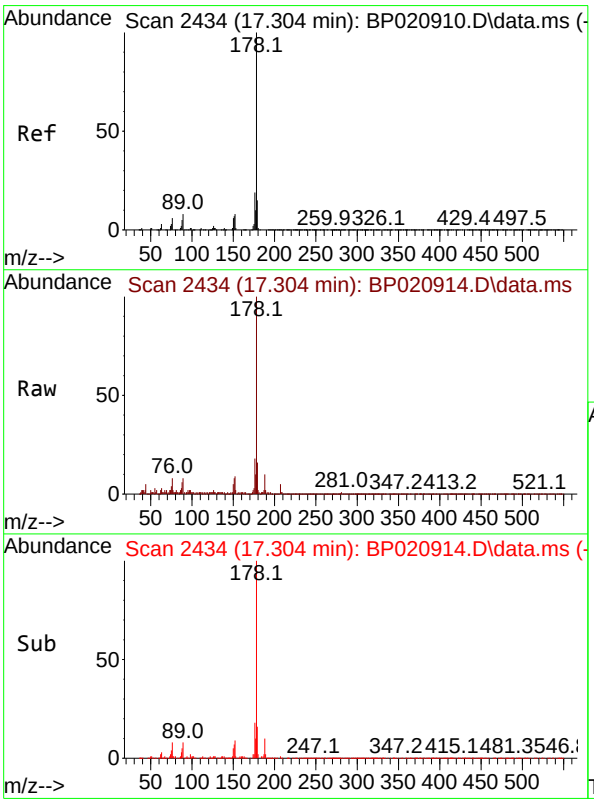
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	19.0	15.0	22.4

Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

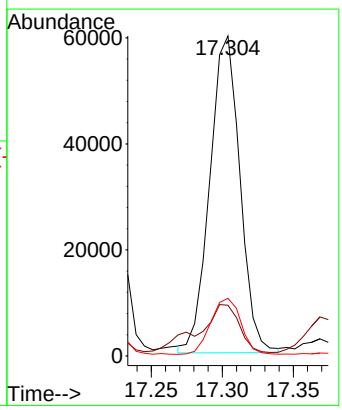


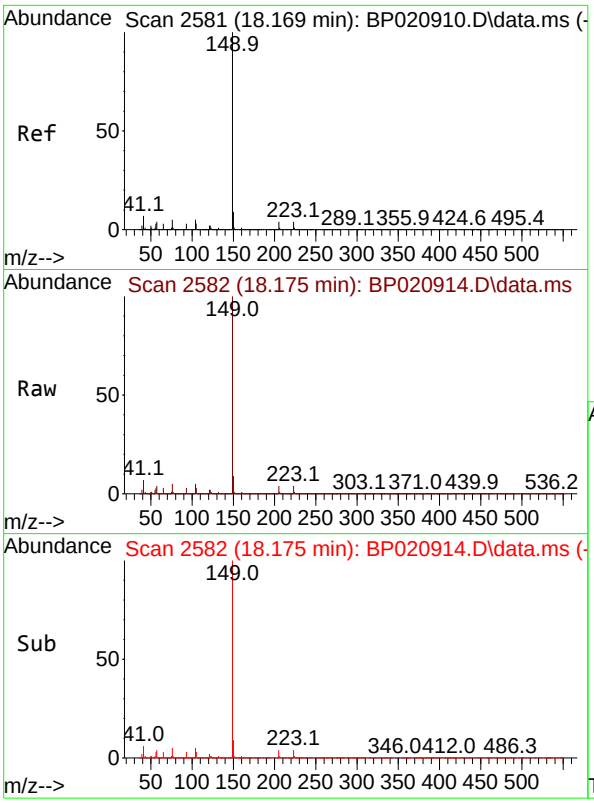


#74
Anthracene
Concen: 1.164 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

Tgt Ion:178 Resp: 88452

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	18.0	14.8	22.2





#78
Di-n-butylphthalate
Concen: 22.093 ng/ul
RT: 18.175 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

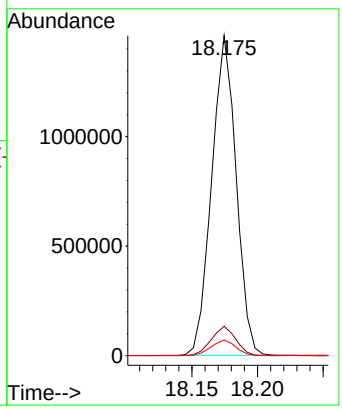
Tgt Ion:149 Resp: 189315

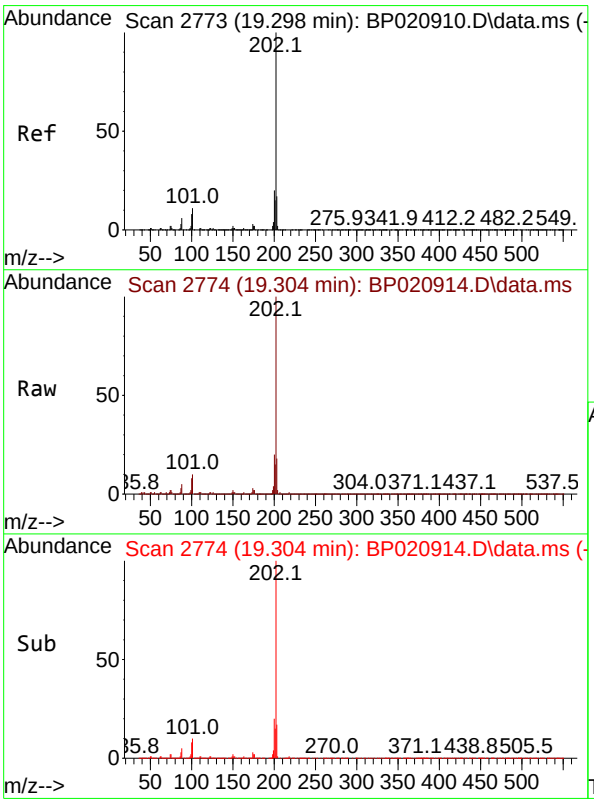
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.9	3.9	5.9

Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

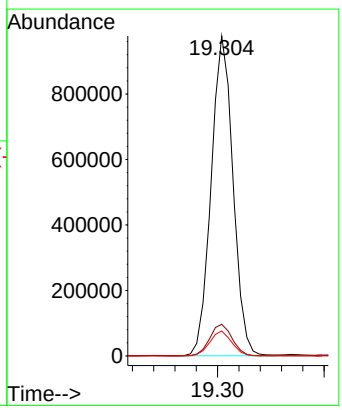


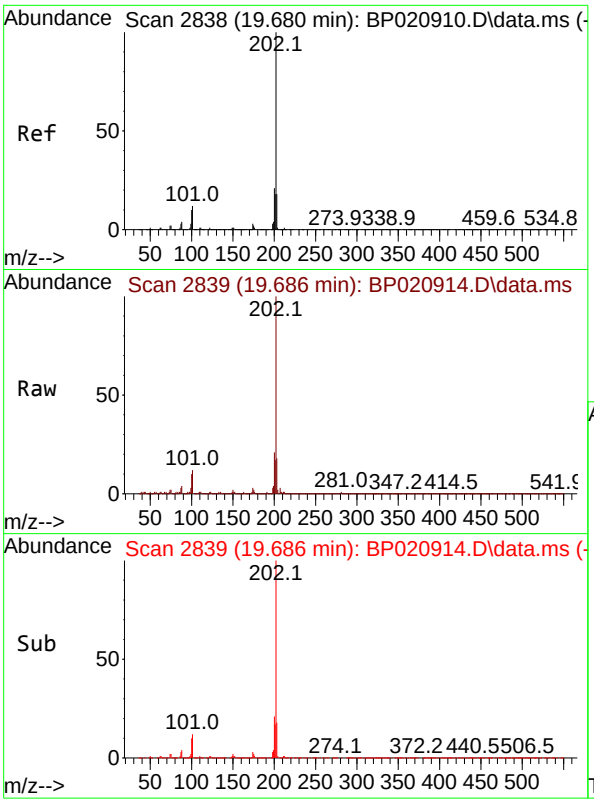


#80
Fluoranthene
Concen: 13.278 ng/ul
RT: 19.304 min Scan# 2774
Delta R.T. -0.006 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

Tgt Ion:202 Resp: 1390836

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
100	7.8	6.1	9.1





#82
Pyrene
Concen: 8.625 ng/ul
RT: 19.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

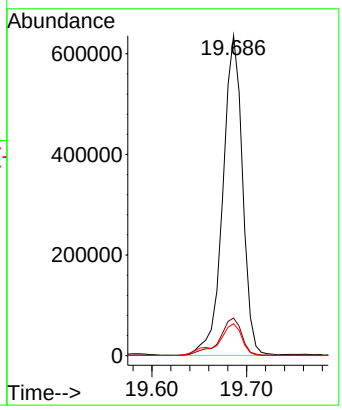
Tgt Ion:202 Resp: 91940

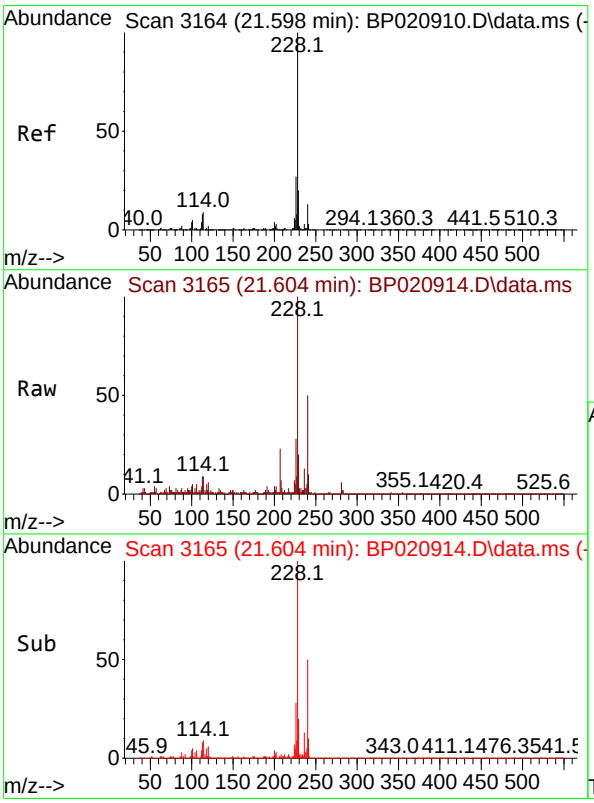
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.2
100	10.0	7.8	11.6

Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

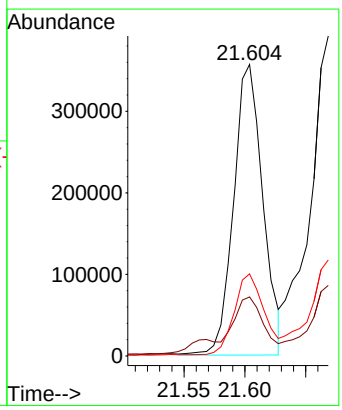


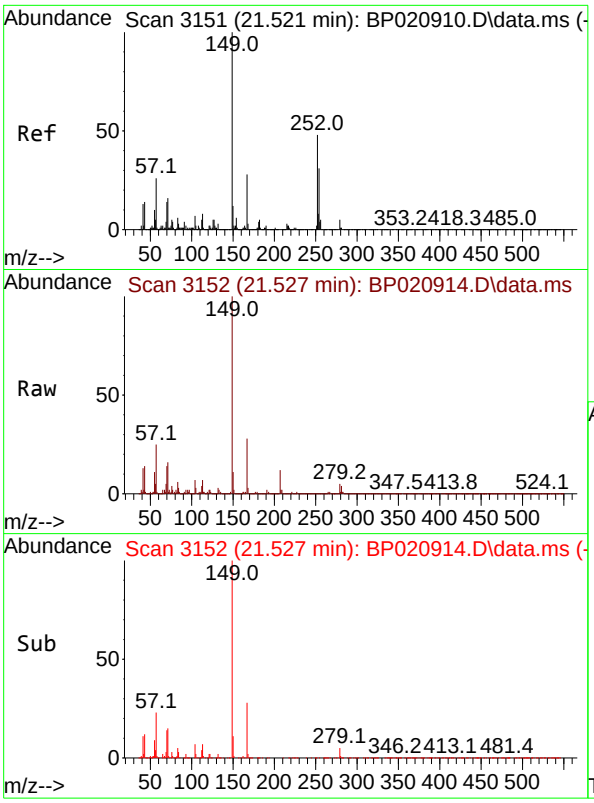


#85
Benzo(a)anthracene
Concen: 6.056 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

Tgt Ion:228 Resp: 595218

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.5	23.3
226	28.1	21.4	32.2





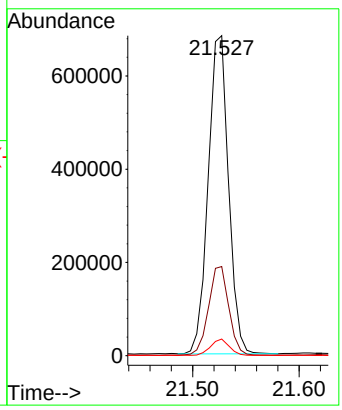
#86
Bis(2-ethylhexyl)phthalate
Concen: 14.197 ng/ul
RT: 21.527 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

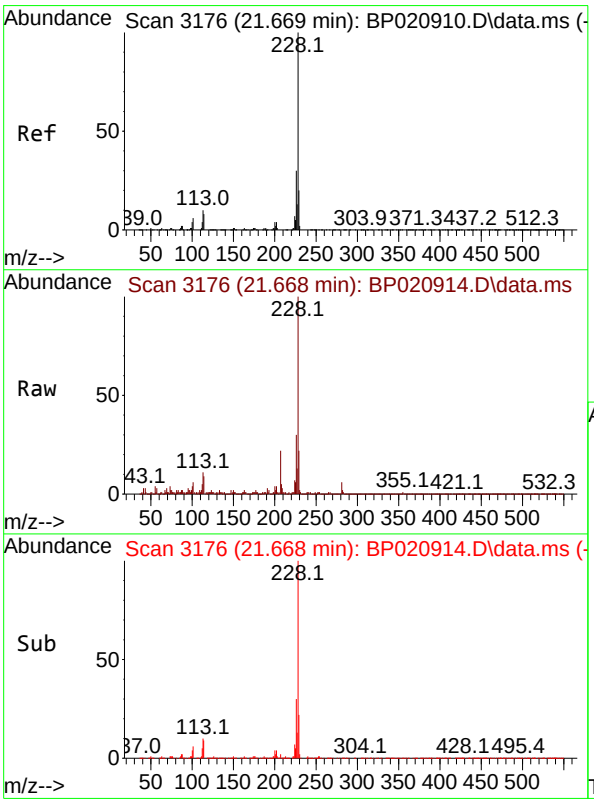
Tgt Ion:149 Resp: 90737

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	5.2	3.7	5.5

Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

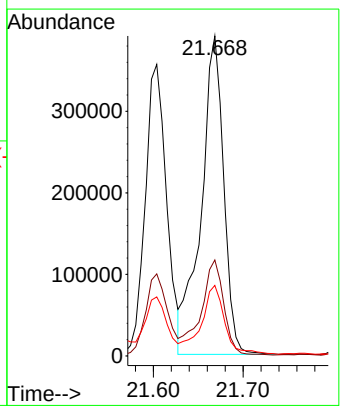


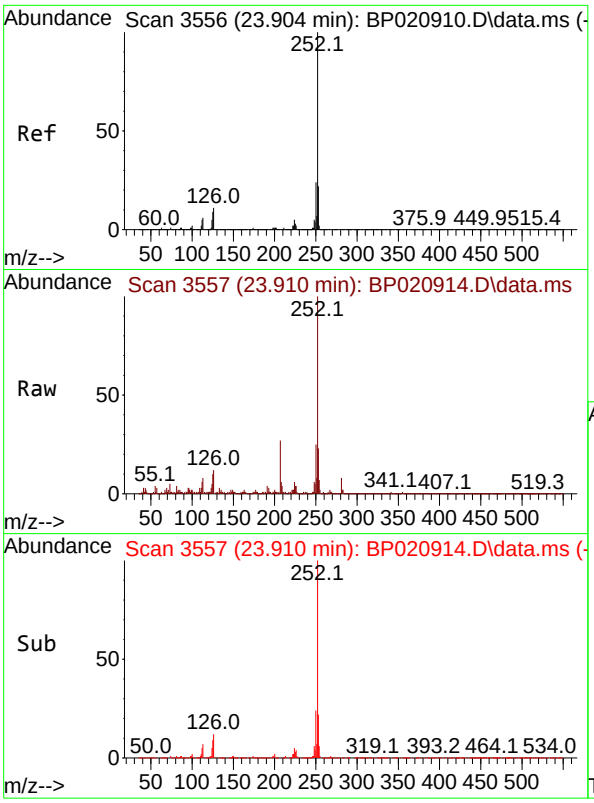


#87
Chrysene
Concen: 7.493 ng/ul
RT: 21.668 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

Tgt Ion:228 Resp: 684315

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	22.0	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 8.566 ng/ul
RT: 23.910 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

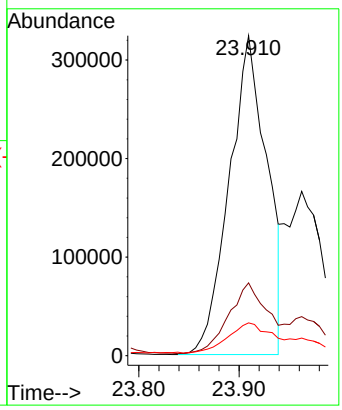
Tgt Ion:252 Resp: 84437

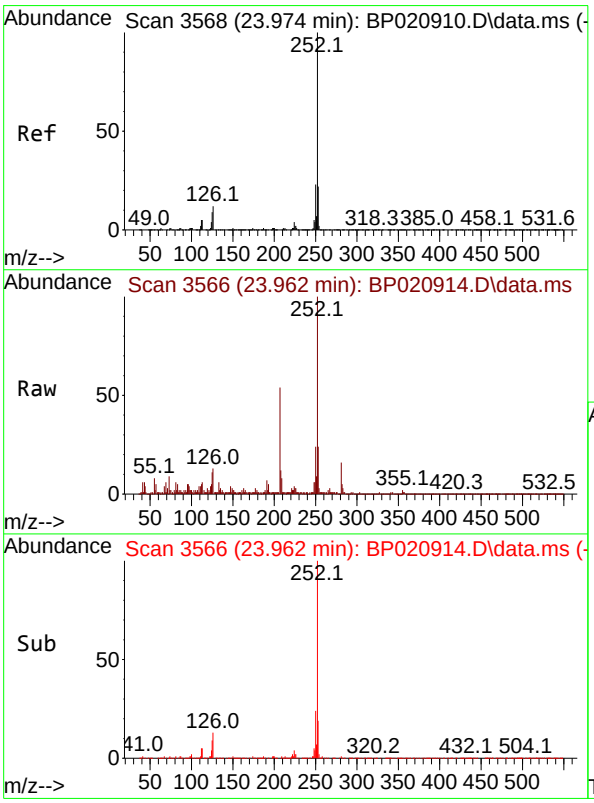
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.3	7.0	10.4

Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

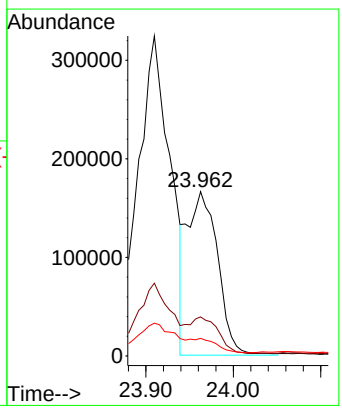


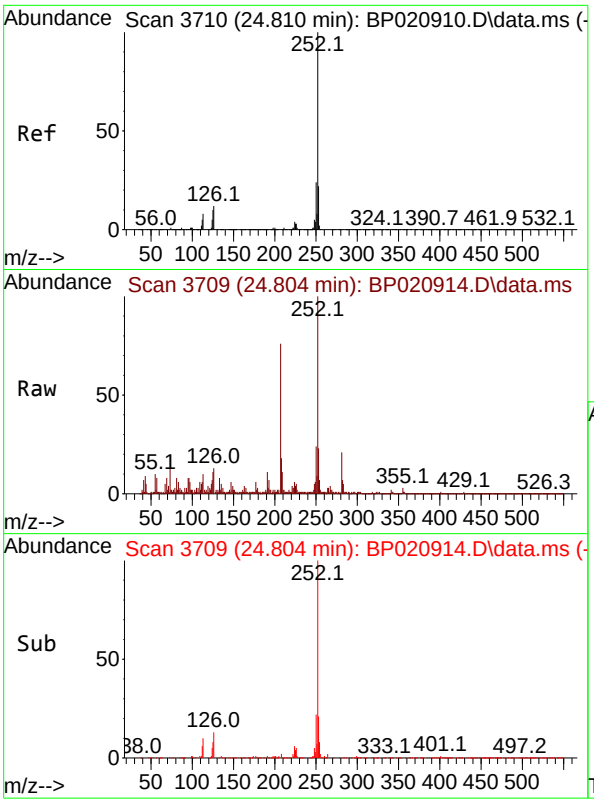


#91
Benzo(k)fluoranthene
Concen: 4.109 ng/ul m
RT: 23.962 min Scan# 3566
Delta R.T. -0.029 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

Tgt Ion:252 Resp: 404199

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	10.8	7.4	11.0





#93
Benzo(a)pyrene
Concen: 3.501 ng/ul
RT: 24.804 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

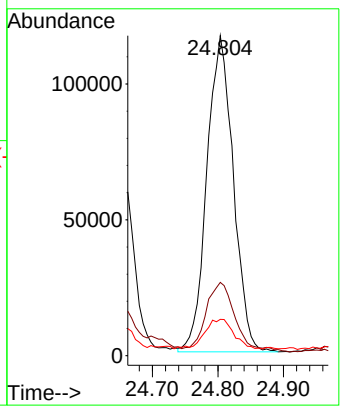
Tgt Ion:252 Resp: 32617

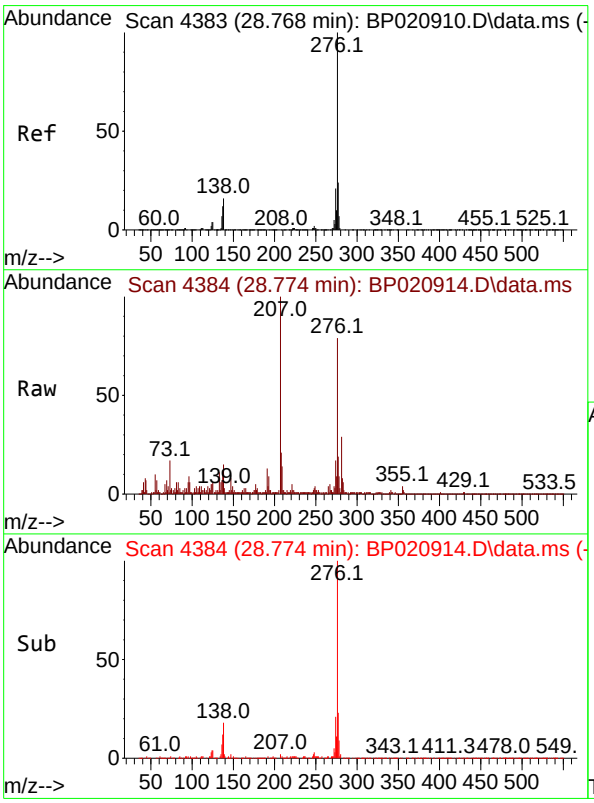
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	11.4	7.7	11.5

Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

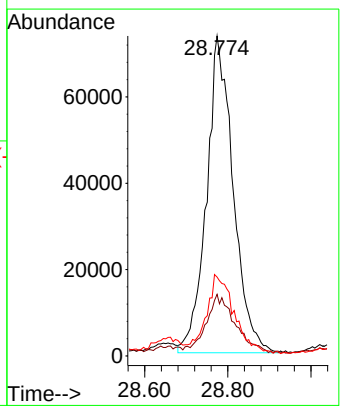


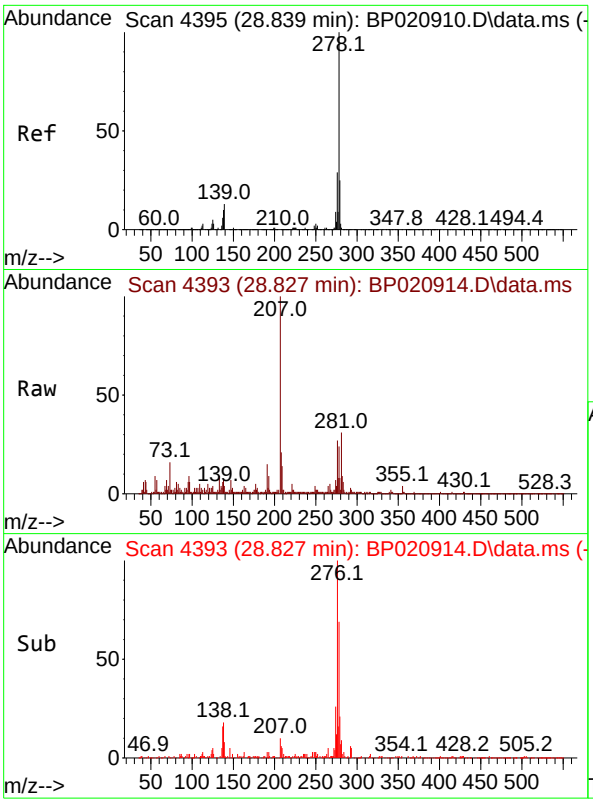


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.722 ng/ul
RT: 28.774 min Scan# 4384
Delta R.T. -0.012 min
Lab File: BP020914.D
Acq: 11 Jul 2024 23:14

Tgt Ion:276 Resp: 326785

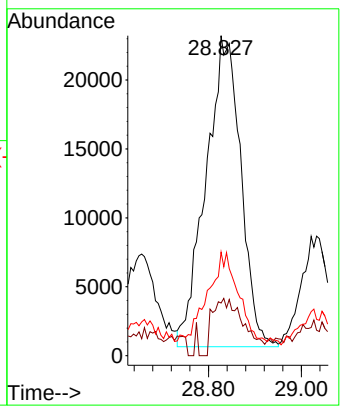
Ion	Ratio	Lower	Upper
276	100		
138	19.2	14.3	21.5
277	24.6	19.2	28.8






```
#95
Dibenzo(a,h)anthracene
Concen:    1.182 ng/ul m
RT:  28.827 min  Scan# 4
Delta R.T.  -0.035 min
Lab File:   BP020914.D
Acq: 11 Jul 2024  23:14

Tgt Ion:278 Resp:  11747
Ion  Ratio  Lower  Upper
278  100
139   16.4   10.9   16.3#
279   32.4   19.4   29.0#
```



Instrument :
BNA_P
ClientSampleId :
A4CB1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024