

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020921.D
 Acq On : 12 Jul 2024 04:18
 Operator : MA/JU
 Sample : P3087-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BC6

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 04:51:13 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	294945	20.000	ng/u1	0.00
20) Naphthalene-d8	10.492	136	1295307	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	800720	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.169	188	1357712	20.000	ng/u1	-0.01
79) Chrysene-d12	21.627	240	1126568	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1338937	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	24753	3.819	ng/uL	0.00
4) Pyridine-d5	3.681	84	25218	1.344	ng/u1	0.01
7) Phenol-d5	6.916	99	621344	25.840	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	397664	27.289	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	535944	27.052	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	478312	23.950	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	274074	27.242	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	319818	27.774	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	546875	26.264	ng/u1	0.01
31) 4-Chloroaniline-d4	10.640	131	382738	13.875	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1638103	28.142	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1836816	28.103	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	159731	19.287	ng/u1	0.00
60) Fluorene-d10	15.363	176	1312750	27.490	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	166763	20.300	ng/u1	0.00
73) Anthracene-d10	17.269	188	1706410	28.297	ng/u1	0.00
81) Pyrene-d10	19.657	212	1543749	22.165	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	1169197	17.705	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	498989	7.085	ng/u1	99
74) Anthracene	17.304	178	85942	1.197	ng/u1	99
80) Fluoranthene	19.310	202	1150389	13.677	ng/u1	100
82) Pyrene	19.686	202	763412	8.919	ng/u1	99
83) Butylbenzylphthalate	20.633	149	37551	1.053	ng/u1	99
85) Benzo(a)anthracene	21.604	228	509532	6.457	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	128863	2.511	ng/u1#	99
87) Chrysene	21.668	228	586064	7.992	ng/u1	98
90) Benzo(b)fluoranthene	23.915	252	865665	10.654	ng/u1	97
91) Benzo(k)fluoranthene	23.980	252	278311	3.432	ng/u1	97
93) Benzo(a)pyrene	24.815	252	264602	3.446	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.774	276	293992m	2.971	ng/u1	
95) Dibenzo(a,h)anthracene	28.821	278	109338m	1.334	ng/u1	

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

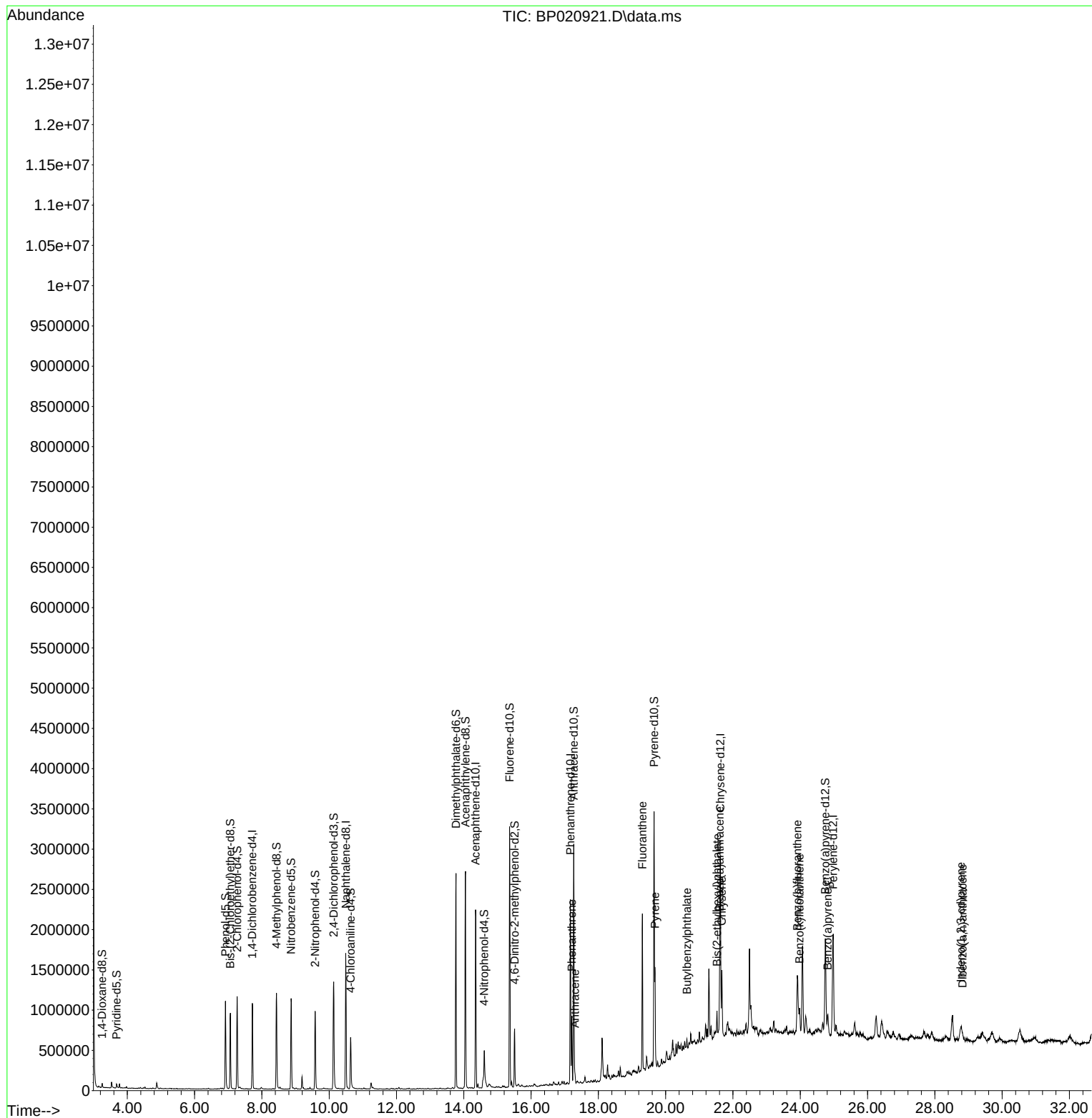
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020921.D
Acq On : 12 Jul 2024 04:18
Operator : MA/JU
Sample : P3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

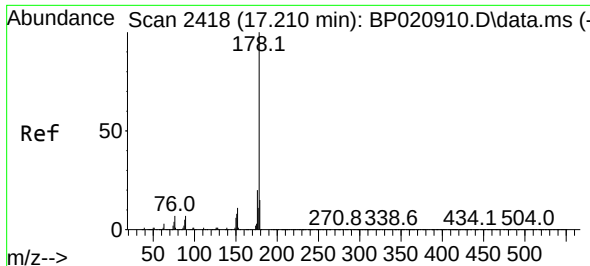
Instrument :
BNA_P
ClientSampleId :
A4BC6

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Supervised By :mohammad ahmed 07/13/2024

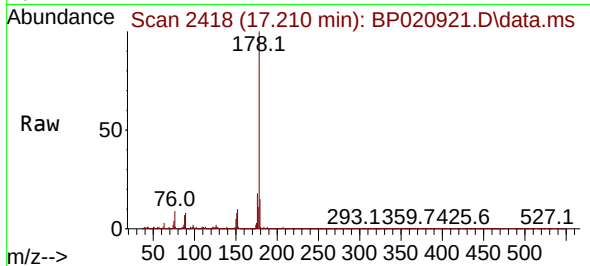
Quant Time: Jul 12 04:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.085 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP020921.D
Acq: 12 Jul 2024 04:18

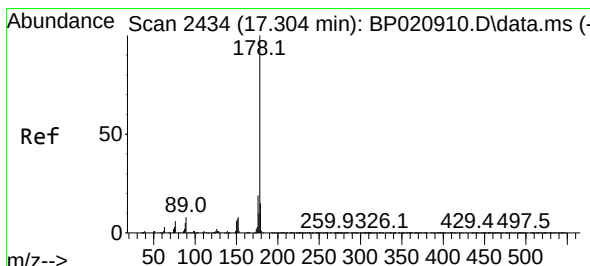
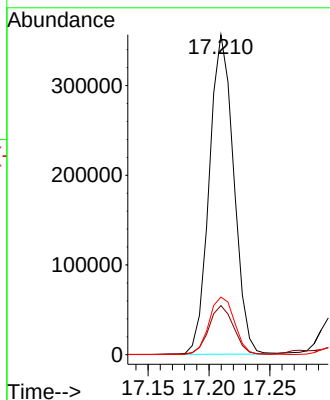
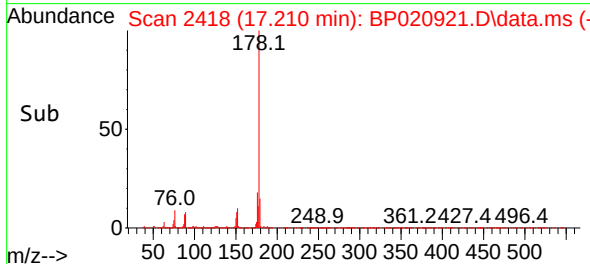
Instrument :
BNA_P
ClientSampleId :
A4BC6



Tgt Ion:178 Resp: 498989
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.0 15.0 22.4

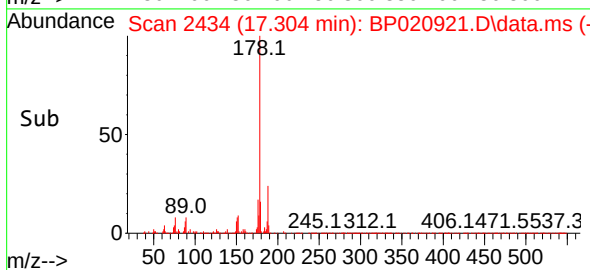
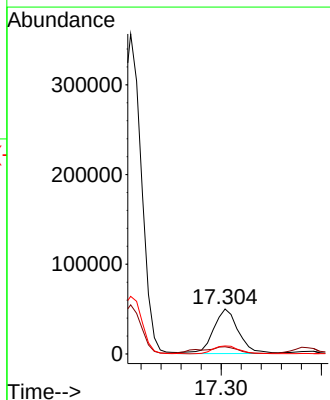
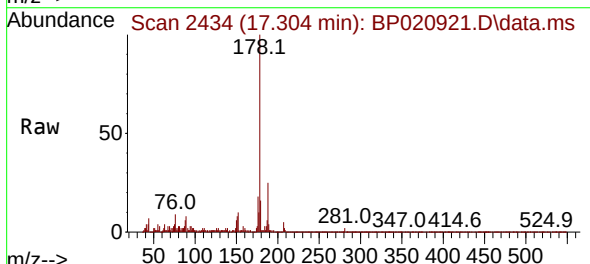
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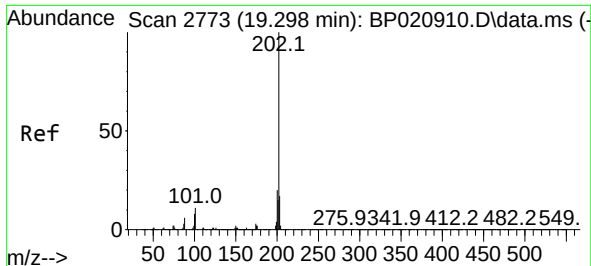
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#74
Anthracene
Concen: 1.197 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP020921.D
Acq: 12 Jul 2024 04:18

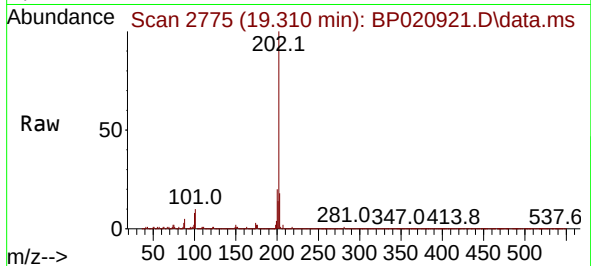
Tgt Ion:178 Resp: 85942
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 17.9 14.8 22.2





#80
Fluoranthene
Concen: 13.677 ng/ul
RT: 19.310 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020921.D
Acq: 12 Jul 2024 04:18

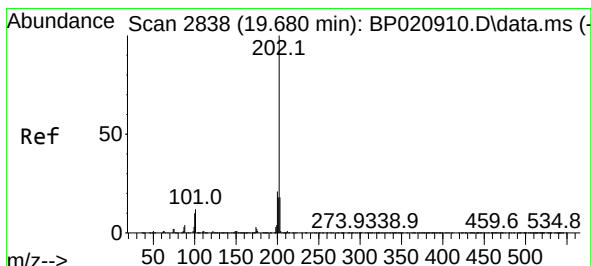
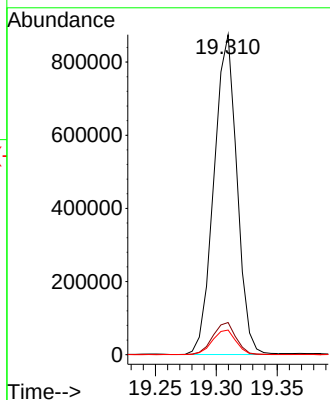
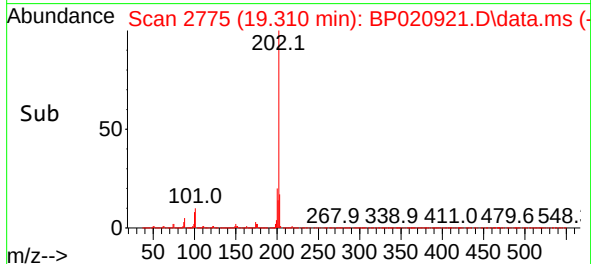
Instrument :
BNA_P
ClientSampleId :
A4BC6



Tgt Ion:202 Resp: 1150389
Ion Ratio Lower Upper
202 100
101 10.1 8.0 12.0
100 7.7 6.1 9.1

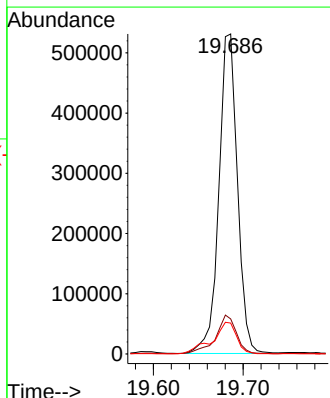
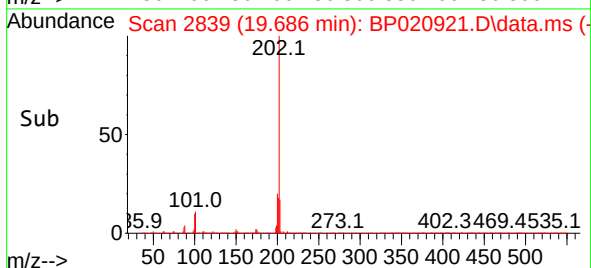
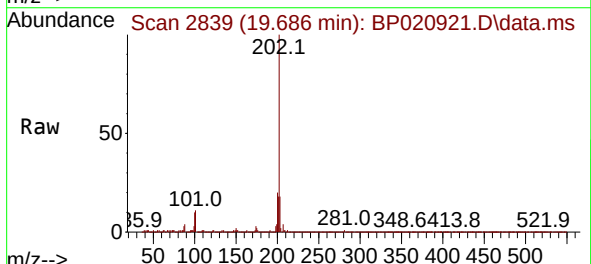
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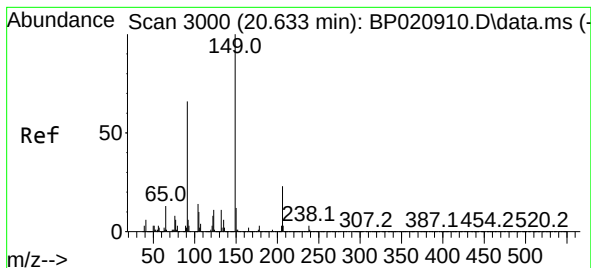
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#82
Pyrene
Concen: 8.919 ng/ul
RT: 19.686 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP020921.D
Acq: 12 Jul 2024 04:18

Tgt Ion:202 Resp: 763412
Ion Ratio Lower Upper
202 100
101 11.0 9.4 14.2
100 9.7 7.8 11.6





#83

Butylbenzylphthalate

Concen: 1.053 ng/ul

RT: 20.633 min Scan# 3000

Delta R.T. -0.006 min

Lab File: BP020921.D

Acq: 12 Jul 2024 04:18

Instrument :

BNA_P

ClientSampleId :

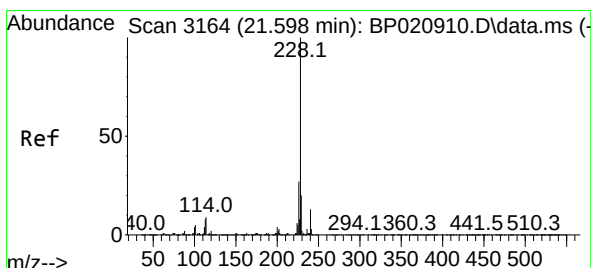
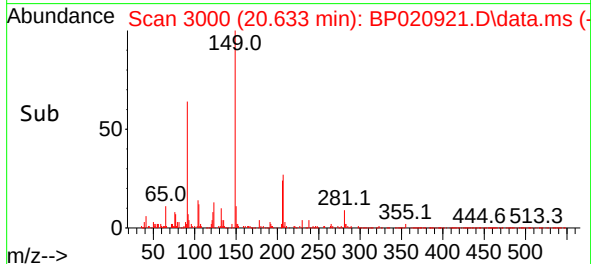
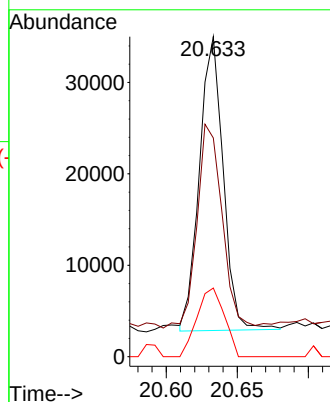
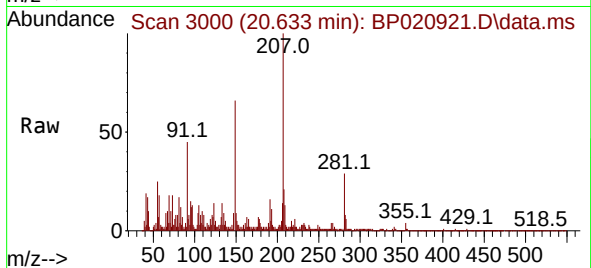
A4BC6

Tgt Ion:	149	Resp:	3755
Ion Ratio	Lower	Upper	
149	100		
91	68.4	54.1	81.1
206	21.5	17.0	25.6

Manual Integrations

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



#85

Benzo(a)anthracene

Concen: 6.457 ng/ul

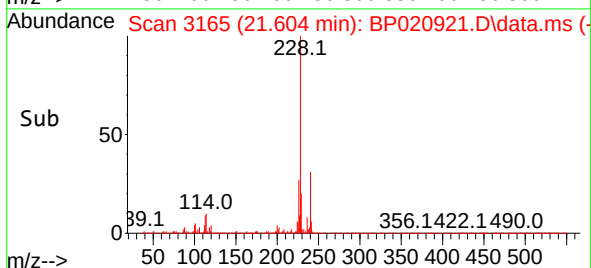
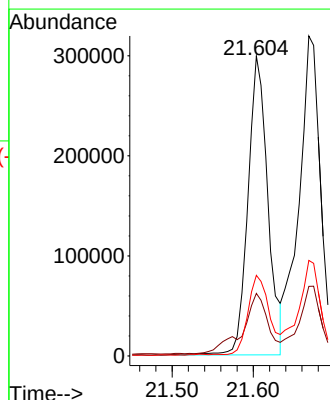
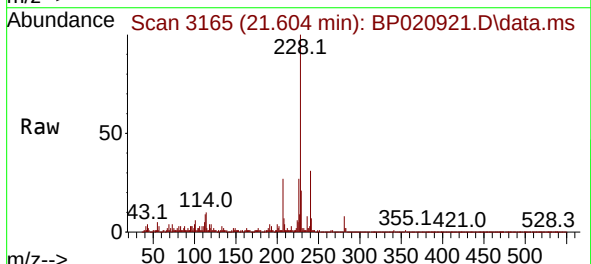
RT: 21.604 min Scan# 3165

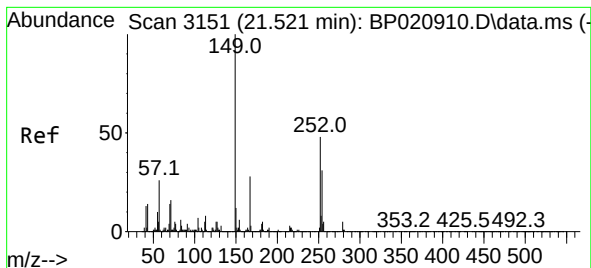
Delta R.T. -0.006 min

Lab File: BP020921.D

Acq: 12 Jul 2024 04:18

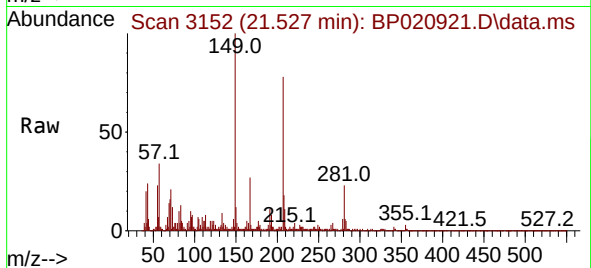
Tgt Ion:	228	Resp:	509532
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.5	23.3
226	26.9	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.511 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020921.D
Acq: 12 Jul 2024 04:18

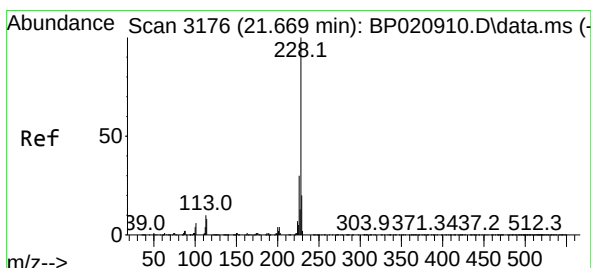
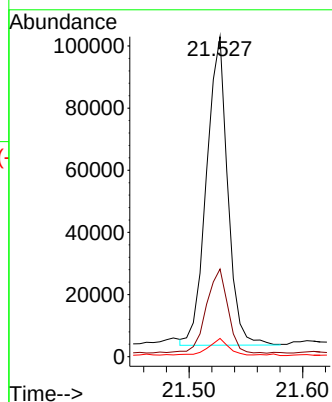
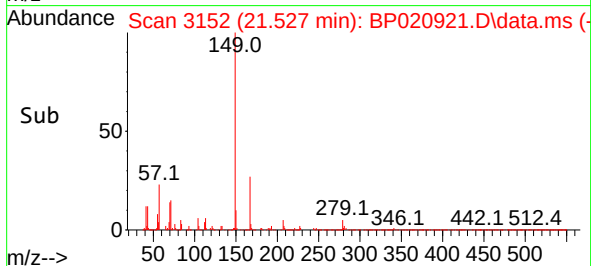
Instrument :
BNA_P
ClientSampleId :
A4BC6



Tgt Ion:149 Resp: 12886
Ion Ratio Lower Upper
149 100
167 27.4 22.1 33.1
279 5.7 3.7 5.5

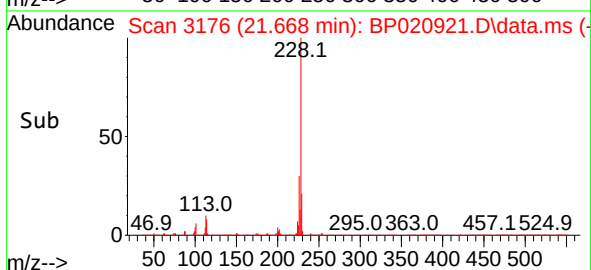
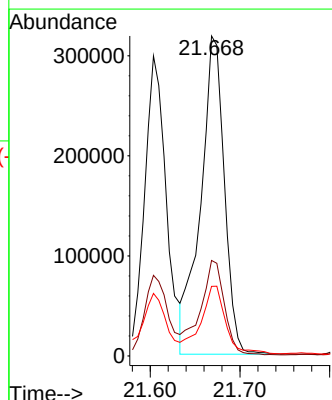
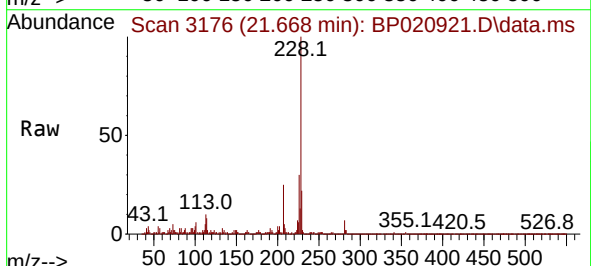
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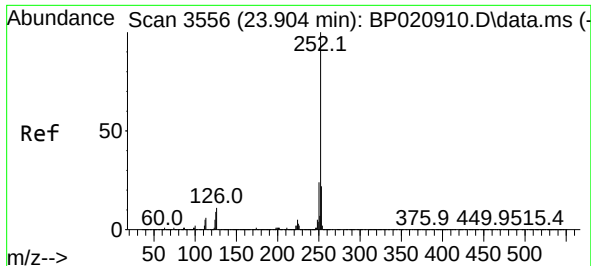
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#87
Chrysene
Concen: 7.992 ng/ul
RT: 21.668 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BP020921.D
Acq: 12 Jul 2024 04:18

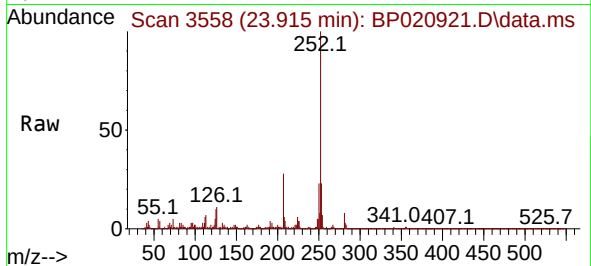
Tgt Ion:228 Resp: 586064
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 21.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 10.654 ng/ul
RT: 23.915 min Scan# 3558
Delta R.T. -0.006 min
Lab File: BP020921.D
Acq: 12 Jul 2024 04:18

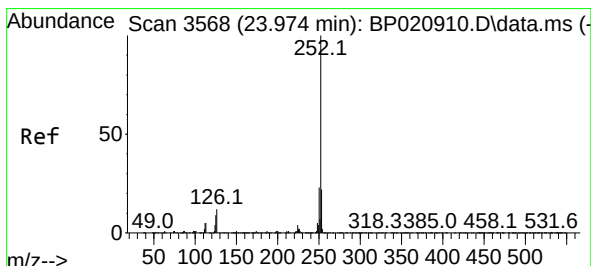
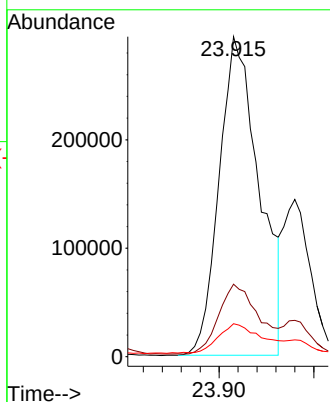
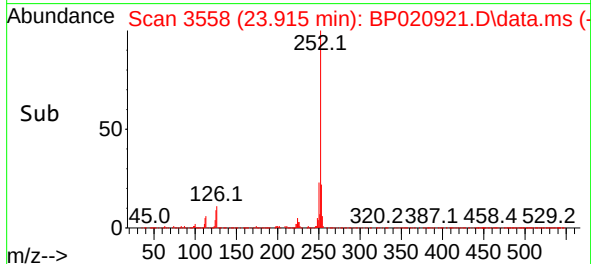
Instrument :
BNA_P
ClientSampleId :
A4BC6



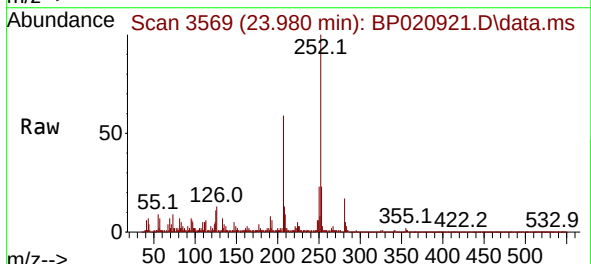
Tgt Ion:252 Resp: 86566
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.3 7.0 10.4

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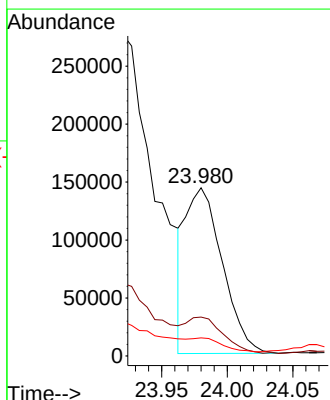
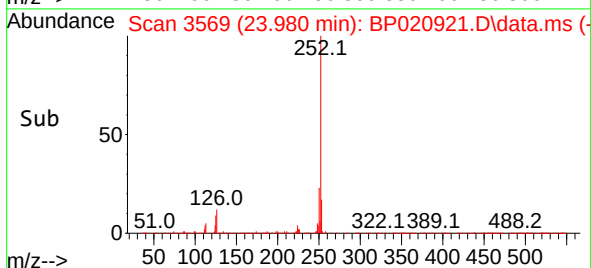
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

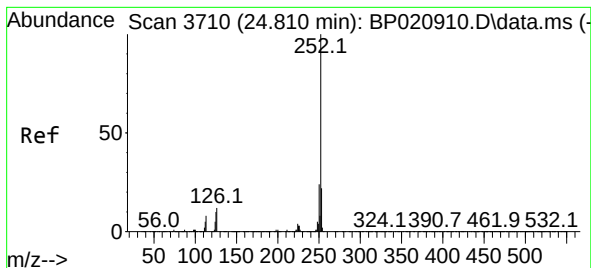


#91
Benzo(k)fluoranthene
Concen: 3.432 ng/ul
RT: 23.980 min Scan# 3569
Delta R.T. -0.012 min
Lab File: BP020921.D
Acq: 12 Jul 2024 04:18



Tgt Ion:252 Resp: 278311
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.7 7.4 11.0





#93

Benzo(a)pyrene

Concen: 3.446 ng/ul

RT: 24.815 min Scan# 3711

Delta R.T. -0.012 min

Lab File: BP020921.D

Acq: 12 Jul 2024 04:18

Instrument :

BNA_P

ClientSampleId :

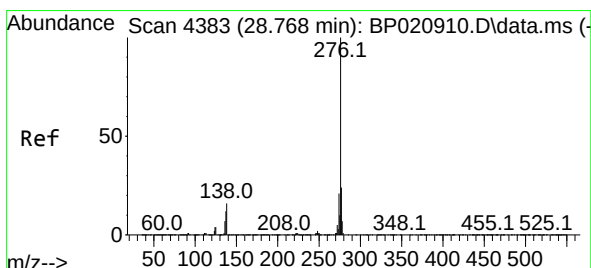
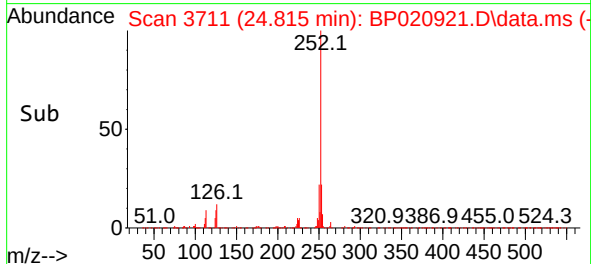
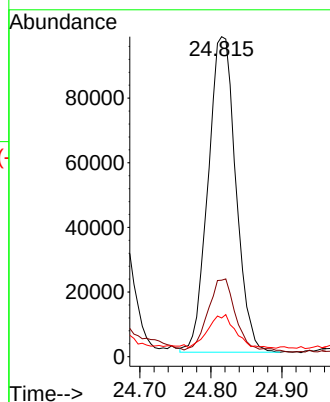
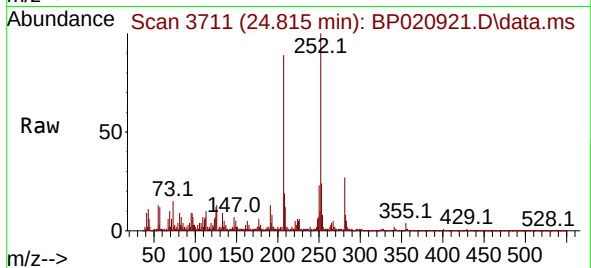
A4BC6

Tgt Ion:	252	Resp:	26460
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.0
125	12.1	7.7	11.5

Manual Integrations

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Supervised By :mohammad ahmed 07/13/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.971 ng/ul m

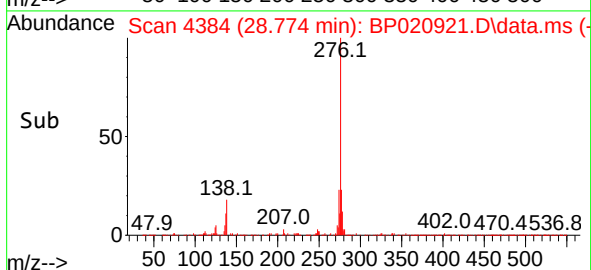
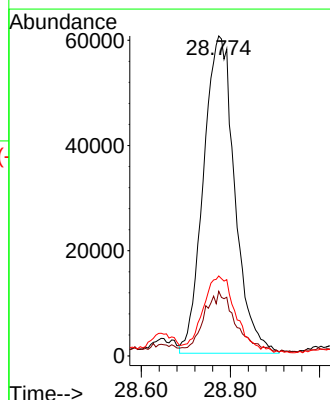
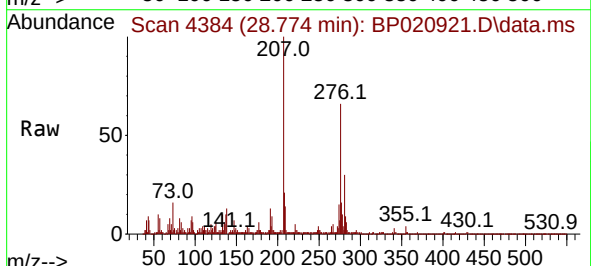
RT: 28.774 min Scan# 4384

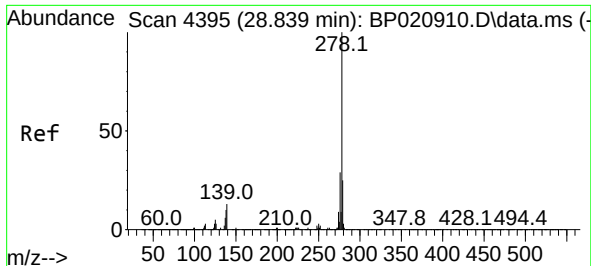
Delta R.T. -0.012 min

Lab File: BP020921.D

Acq: 12 Jul 2024 04:18

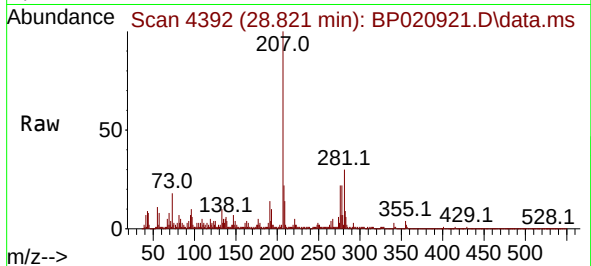
Tgt Ion:	276	Resp:	293992
Ion Ratio	Lower	Upper	
276	100		
138	20.2	14.3	21.5
277	25.0	19.2	28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 1.334 ng/ul m
 RT: 28.821 min Scan# 4392
 Delta R.T. -0.041 min
 Lab File: BP020921.D
 Acq: 12 Jul 2024 04:18

Instrument :
 BNA_P
 ClientSampleId :
 A4BC6



Tgt Ion:278 Resp: 109338
 Ion Ratio Lower Upper
 278 100
 139 18.5 10.9 16.3
 279 30.6 19.4 29.0

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