

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020839.D
 Acq On : 08 Jul 2024 19:26
 Operator : MA/JU
 Sample : P2963-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 08 23:00:43 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	253260	20.000	ng/u1	0.00
20) Naphthalene-d8	10.492	136	1050224	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	698717	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1467313	20.000	ng/u1	0.00
79) Chrysene-d12	21.615	240	1306767	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1533949	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	18037	3.058	ng/uL	0.00
4) Pyridine-d5	3.699	84	10431m	0.607	ng/u1	0.02
7) Phenol-d5	6.916	99	442126	21.285	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	261516	19.859	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	369169	21.746	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	372006	22.051	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	177593	22.904	ng/u1	0.00
24) 2-Nitrophenol-d4	9.592	143	206372	26.596	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	367114	22.969	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	68588	3.062	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1139117	23.448	ng/u1	0.00
49) Acenaphthylene-d8	14.039	160	1284485	22.158	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	163949	22.087	ng/u1	0.02
60) Fluorene-d10	15.374	176	979193	23.953	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	166935	22.576	ng/u1	0.01
73) Anthracene-d10	17.274	188	1468494	22.300	ng/u1	0.01
81) Pyrene-d10	19.657	212	1498519	19.088	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1087727	14.577	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	376943	4.906	ng/u1	99
74) Anthracene	17.310	178	88272	1.117	ng/u1	99
80) Fluoranthene	19.304	202	734443	7.659	ng/u1	99
82) Pyrene	19.686	202	574287	5.839	ng/u1	98
85) Benzo(a)anthracene	21.598	228	369899	4.038	ng/u1	94
87) Chrysene	21.668	228	426863	4.930	ng/u1	97
90) Benzo(b)fluoranthene	23.903	252	566584	6.097	ng/u1	97
91) Benzo(k)fluoranthene	23.974	252	190595m	2.028	ng/u1	
93) Benzo(a)pyrene	24.803	252	201586	2.298	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.750	276	221204	1.966	ng/u1	99

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

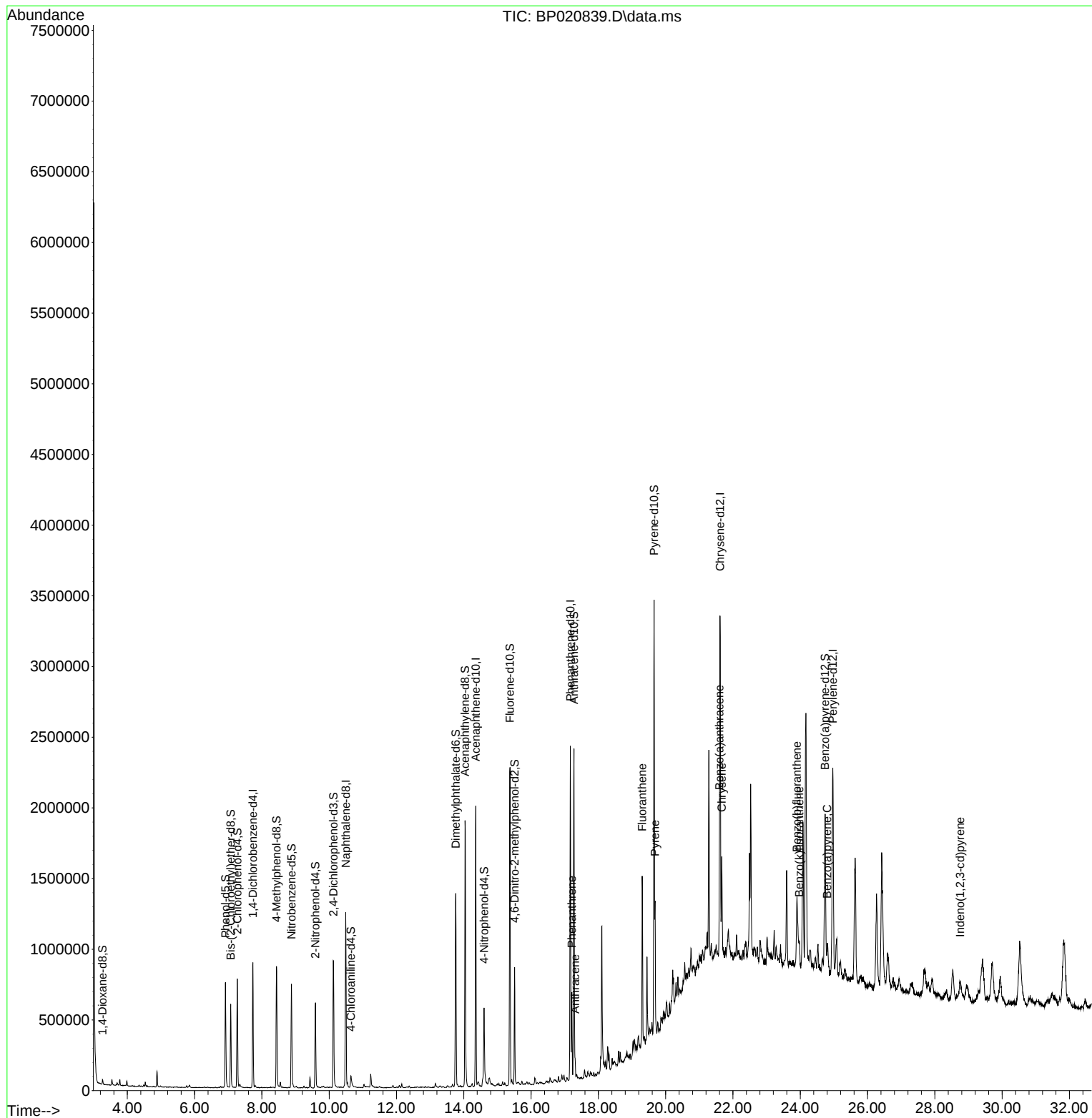
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020839.D
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 ALS Vial : 11 Sample Multiplier: 1

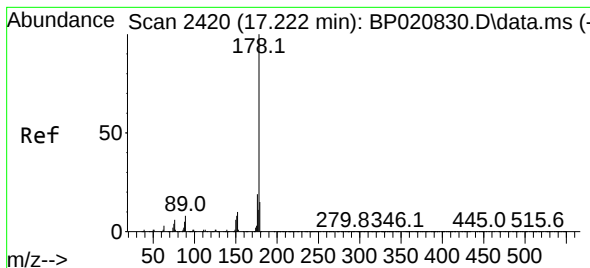
Instrument :
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.906 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP020839.D

Acq: 08 Jul 2024 19:26

Instrument :

BNA_P

ClientSampleId :

A4CS9

Tgt Ion:178 Resp: 37694

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

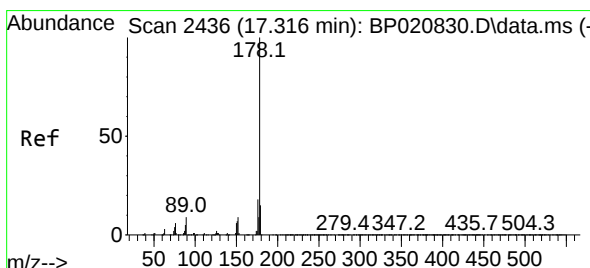
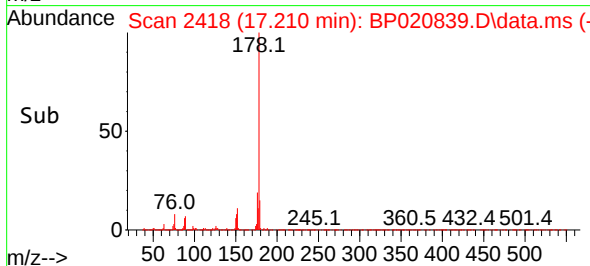
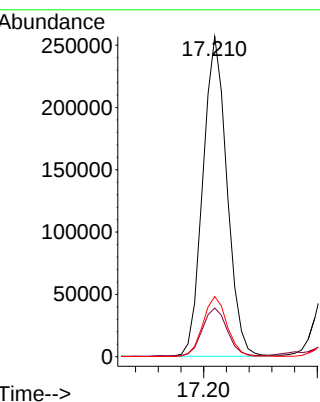
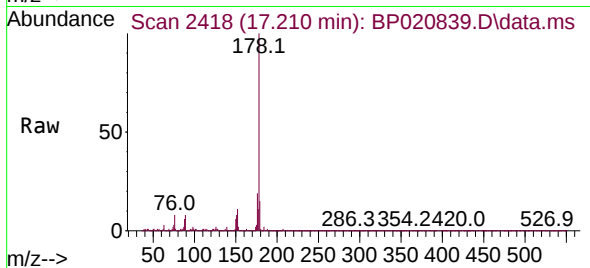
176 18.8 15.4 23.2

Manual Integrations

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#74

Anthracene

Concen: 1.117 ng/ul

RT: 17.310 min Scan# 2435

Delta R.T. 0.011 min

Lab File: BP020839.D

Acq: 08 Jul 2024 19:26

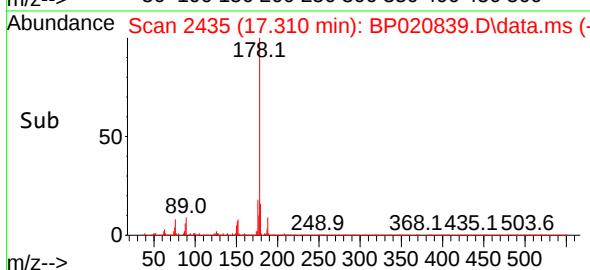
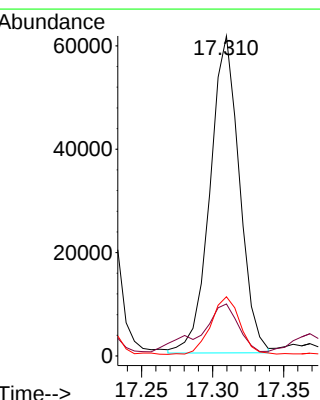
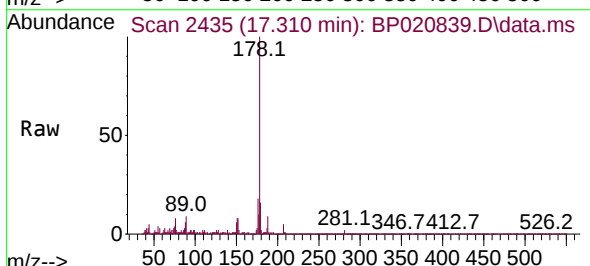
Tgt Ion:178 Resp: 88272

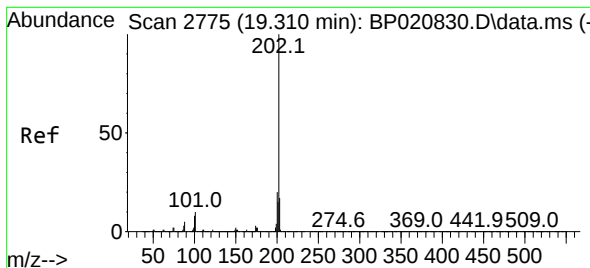
Ion Ratio Lower Upper

178 100

179 16.2 12.1 18.1

176 18.5 15.0 22.4





#80

Fluoranthene

Concen: 7.659 ng/u1

RT: 19.304 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020839.D

Acq: 08 Jul 2024 19:26

Instrument :

BNA_P

ClientSampleId :

A4CS9

Tgt Ion:202 Resp: 73444

Ion Ratio Lower Upper

202 100

101 10.7 8.2 12.4

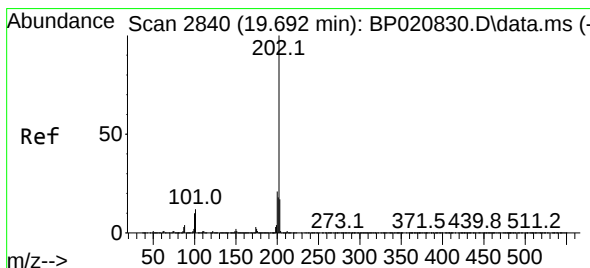
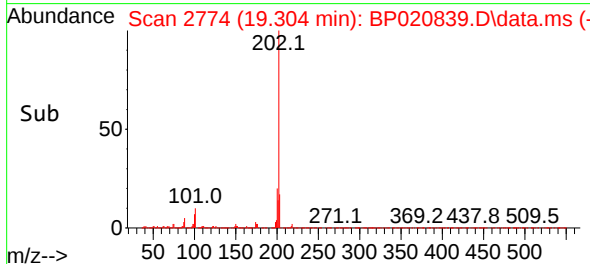
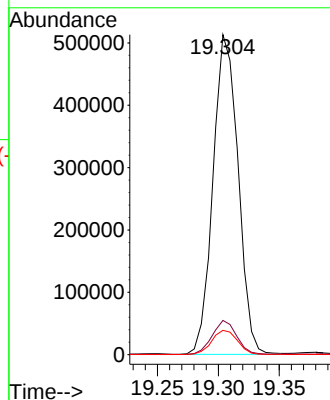
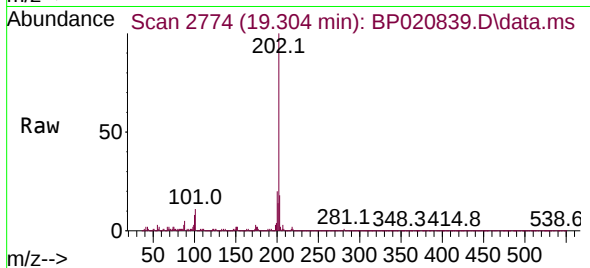
100 7.6 6.6 10.0

Manual Integrations

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#82

Pyrene

Concen: 5.839 ng/u1

RT: 19.686 min Scan# 2839

Delta R.T. 0.006 min

Lab File: BP020839.D

Acq: 08 Jul 2024 19:26

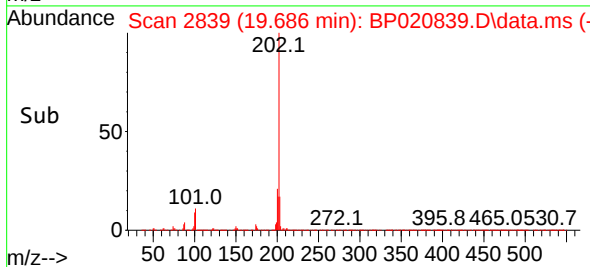
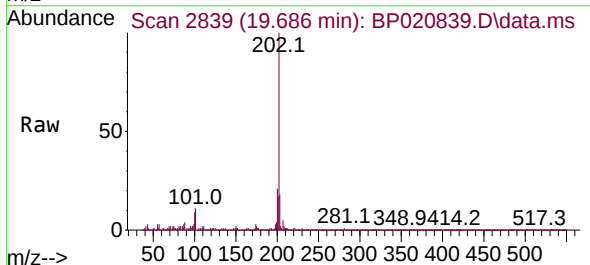
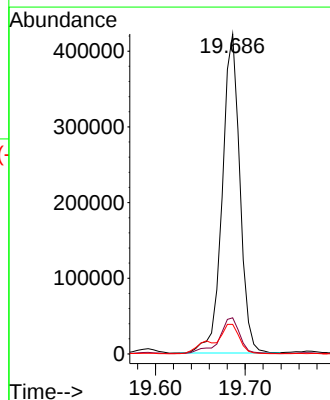
Tgt Ion:202 Resp: 574287

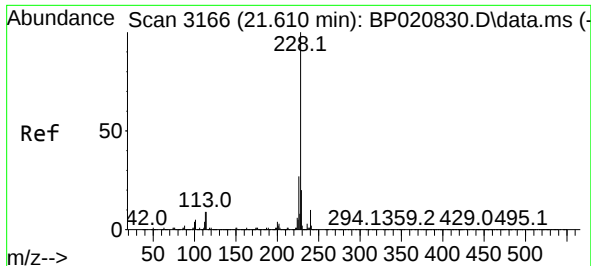
Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

100 9.2 7.9 11.9





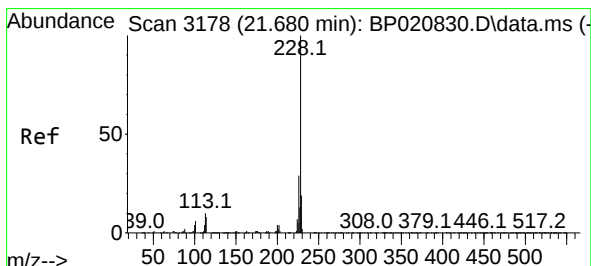
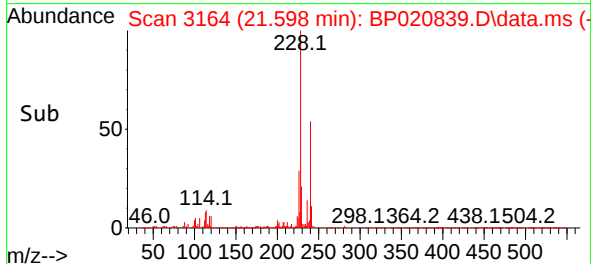
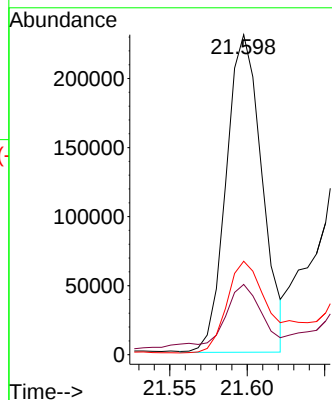
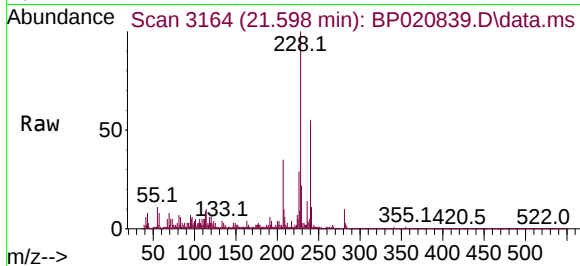
#85
Benzo(a)anthracene
Concen: 4.038 ng/u1
RT: 21.598 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BP020839.D
Acq: 08 Jul 2024 19:26

Instrument :
BNA_P
ClientSampleId :
A4CS9

Tgt Ion:228 Resp: 369899
Ion Ratio Lower Upper
228 100
229 21.9 15.2 22.8
226 29.2 21.1 31.7

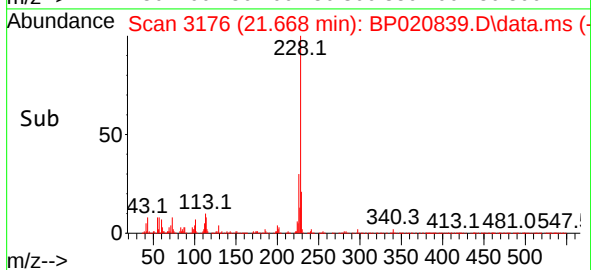
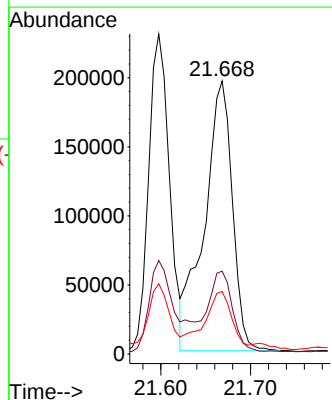
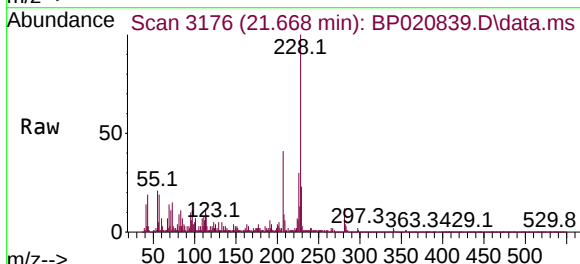
Manual Integrations
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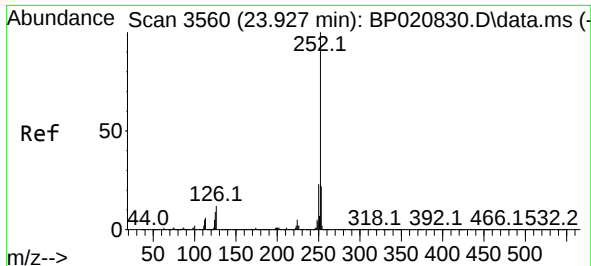
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#87
Chrysene
Concen: 4.930 ng/u1
RT: 21.668 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BP020839.D
Acq: 08 Jul 2024 19:26

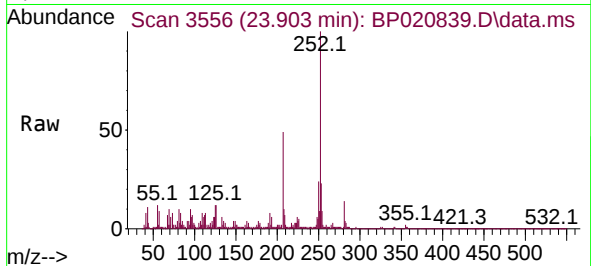
Tgt Ion:228 Resp: 426863
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 22.9 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 6.097 ng/ul
RT: 23.903 min Scan# 3556
Delta R.T. -0.000 min
Lab File: BP020839.D
Acq: 08 Jul 2024 19:26

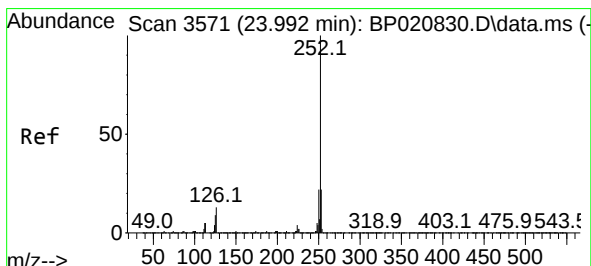
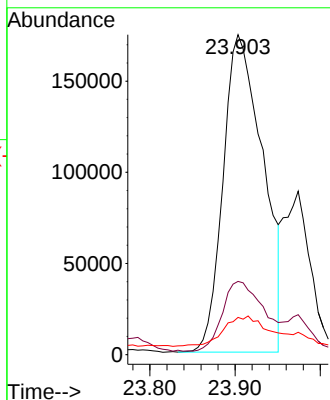
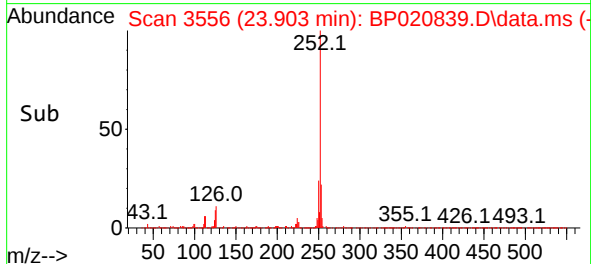
Instrument :
BNA_P
ClientSampleId :
A4CS9



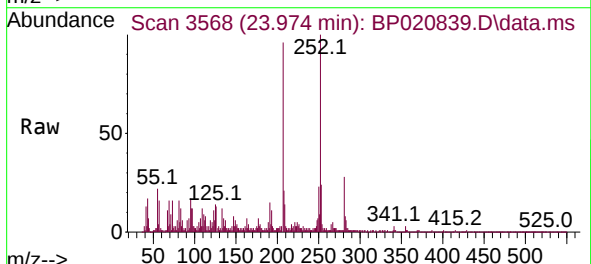
Tgt Ion:252 Resp: 566584
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 11.6 7.9 11.9

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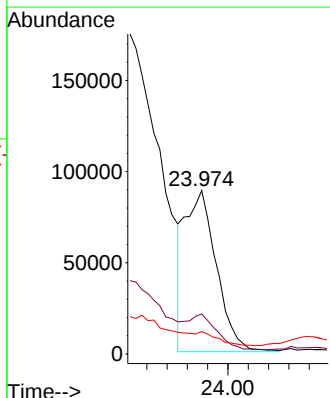
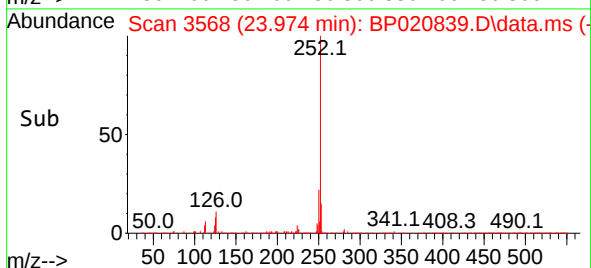
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

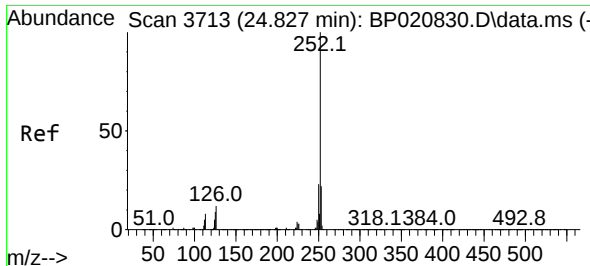


#91
Benzo(k)fluoranthene
Concen: 2.028 ng/ul m
RT: 23.974 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BP020839.D
Acq: 08 Jul 2024 19:26



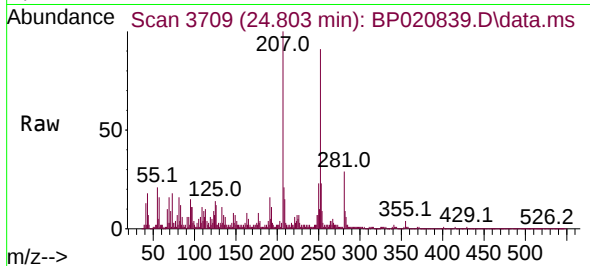
Tgt Ion:252 Resp: 190595
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 13.7 7.9 11.9#





#93
Benzo(a)pyrene
Concen: 2.298 ng/ul
RT: 24.803 min Scan# 3713
Delta R.T. -0.006 min
Lab File: BP020839.D
Acq: 08 Jul 2024 19:26

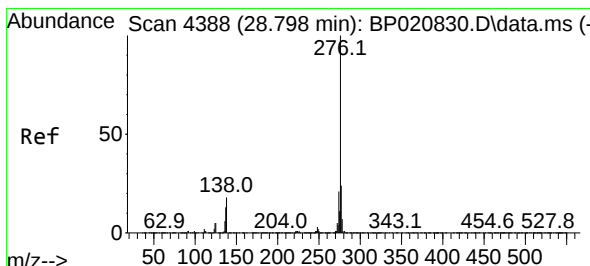
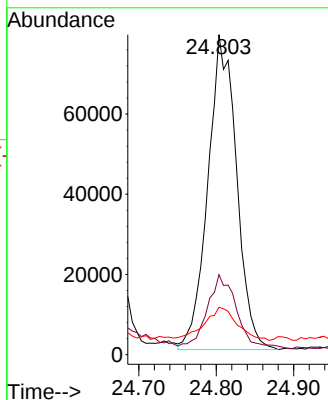
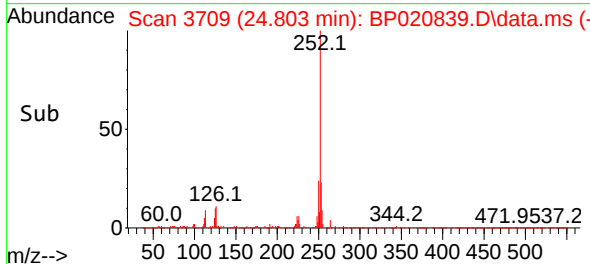
Instrument :
BNA_P
ClientSampleId :
A4CS9



Tgt Ion:252 Resp: 201580
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 14.8 8.7 13.1

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.966 ng/ul
RT: 28.750 min Scan# 4380
Delta R.T. -0.012 min
Lab File: BP020839.D
Acq: 08 Jul 2024 19:26

Tgt Ion:276 Resp: 221204
Ion Ratio Lower Upper
276 100
138 19.1 15.2 22.8
277 24.5 19.0 28.4

