

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021283.D
 Acq On : 01 Aug 2024 07:38
 Operator : CG/JU
 Sample : P3264-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 A4CL5

Quant Time: Aug 01 08:09:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024
 Supervised By :mohammad ahmed
 08/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	180621	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	736510	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	493346	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.081	188	1070909	20.000	ng/ul	-0.01
79) Chrysene-d12	21.527	240	1092505	20.000	ng/ul	# 0.00
88) Perylene-d12	24.827	264	1320453	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	8949	2.255	ng/uL	0.00
4) Pyridine-d5	3.616	84	22020m	1.916	ng/ul	0.02
7) Phenol-d5	6.857	99	177076	12.025	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	102941	11.535	ng/ul	0.00
11) 2-Chlorophenol-d4	7.187	132	163441	13.471	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	152218	12.446	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	78727	13.762	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	92469	14.123	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	156562	13.224	ng/ul	0.02
31) 4-Chloroaniline-d4	10.575	131	115592m	7.370	ng/ul	0.02
46) Dimethylphthalate-d6	13.675	166	562721	15.691	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	619850	15.392	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.610	143	54742m	10.728	ng/ul	0.02
60) Fluorene-d10	15.281	176	489258	16.629	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	70682	10.908	ng/ul	0.00
73) Anthracene-d10	17.180	188	748825	15.743	ng/ul	-0.01
81) Pyrene-d10	19.569	212	953592	14.118	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	1069587	16.424	ng/ul	0.00
Target Compounds						
72) Phenanthrene	17.122	178	385817	6.945	ng/ul	99
74) Anthracene	17.216	178	82488m	1.456	ng/ul	
80) Fluoranthene	19.222	202	577558	7.081	ng/ul	98
82) Pyrene	19.598	202	550232	6.629	ng/ul	96
85) Benzo(a)anthracene	21.510	228	294728	3.851	ng/ul	98
87) Chrysene	21.574	228	302442	4.253	ng/ul	98
90) Benzo(b)fluoranthene	23.786	252	405320	5.058	ng/ul	98
91) Benzo(k)fluoranthene	23.857	252	126878	1.587	ng/ul	96
93) Benzo(a)pyrene	24.668	252	283077	3.738	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.609	276	209893	2.151	ng/ul	97
96) Benzo(g,h,i)perylene	29.756	276	206391	2.597	ng/ul	95

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

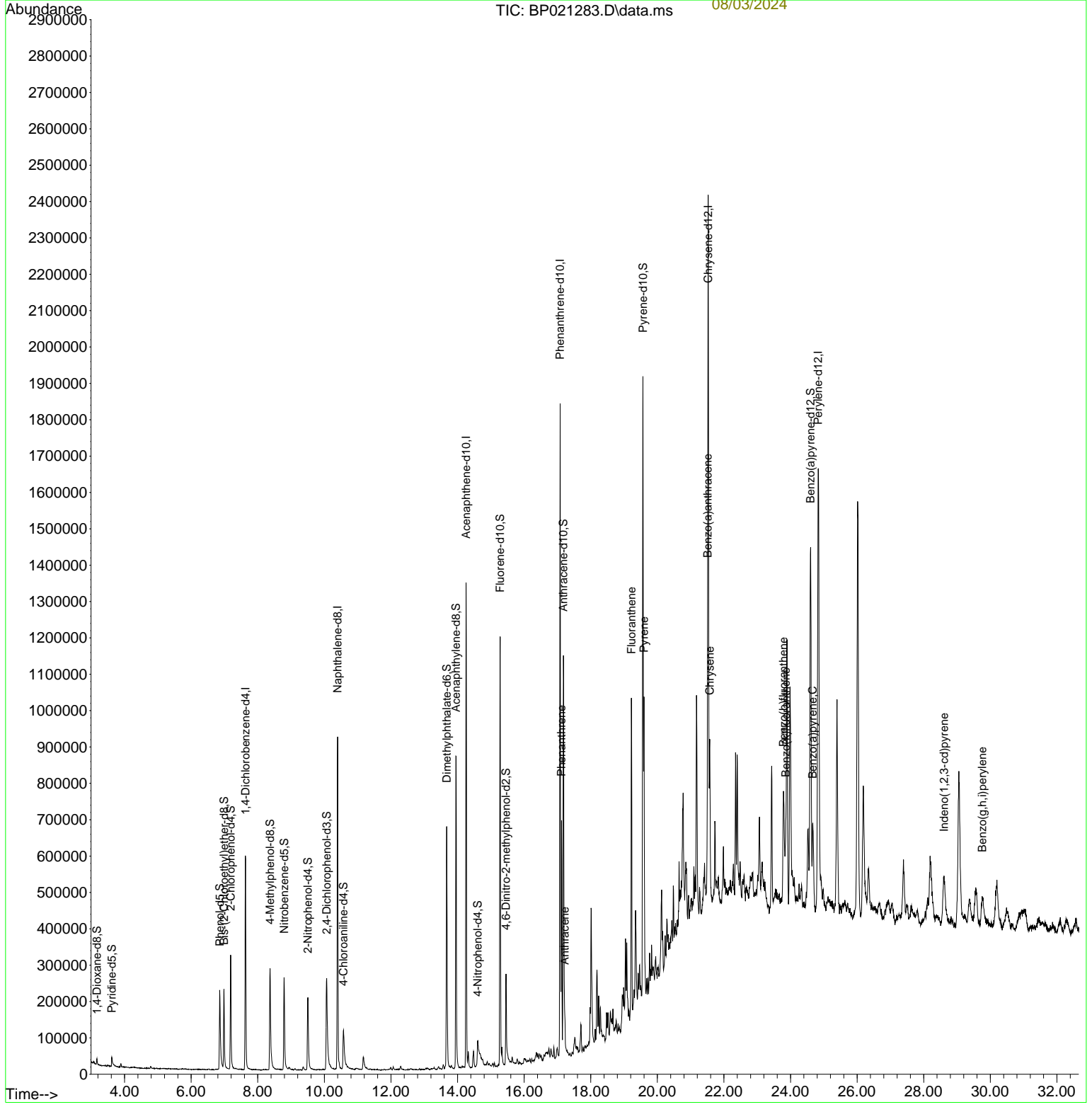
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 Data File : BP021283.D
 Acq On : 01 Aug 2024 07:38
 Operator : CG/JU
 Sample : P3264-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

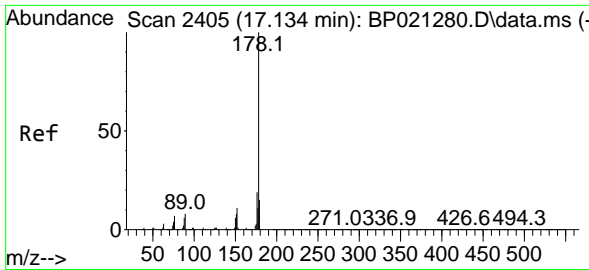
Instrument :
 BNA_P
ClientSampleId :
 A4CL5

Quant Time: Aug 01 08:09:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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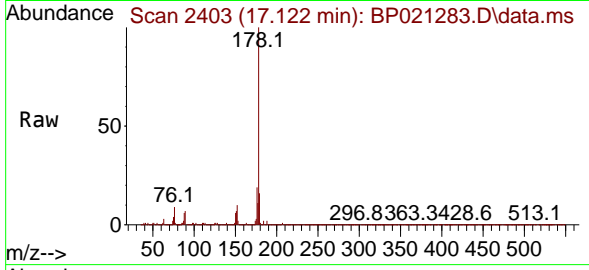
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 ahmed
 08/03/2024





#72
 Phenanthrene
 Concen: 6.945 ng/u1
 RT: 17.122 min Scan# 2419
 Delta R.T. -0.011 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38

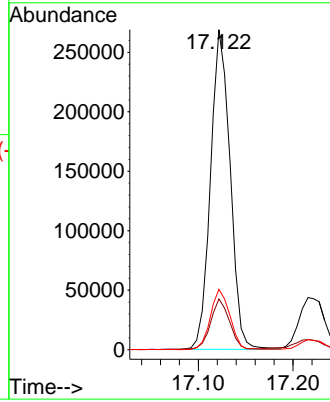
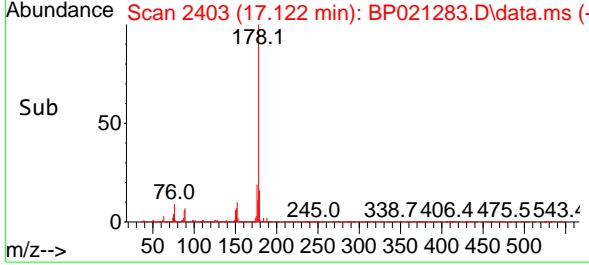
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 ClientSampleID :
 A4CL5



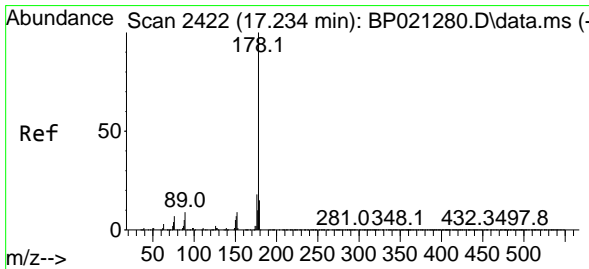
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 Ion Ratio Lower Upper
 178 100
 179 15.9 12.2 18.4
 176 18.9 15.0 22.4

Manual Integrations
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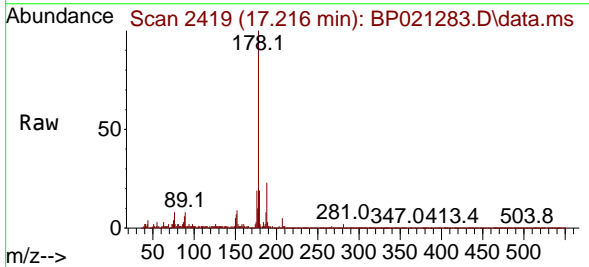
Reviewed By :Yogesh Patel 08/01/2024
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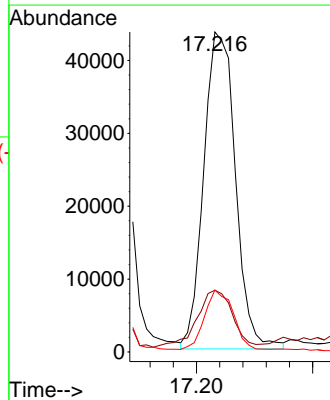
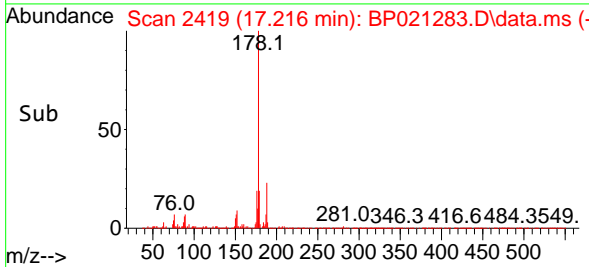
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 08/03/2024

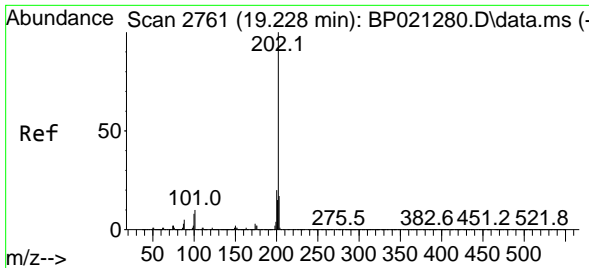


#74
 Anthracene
 Concen: 1.456 ng/u1 m
 RT: 17.216 min Scan# 2419
 Delta R.T. -0.017 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38



Tgt Ion:178 Resp: 82488
 Ion Ratio Lower Upper
 178 100
 179 19.3 12.5 18.7#
 176 19.3 14.8 22.2





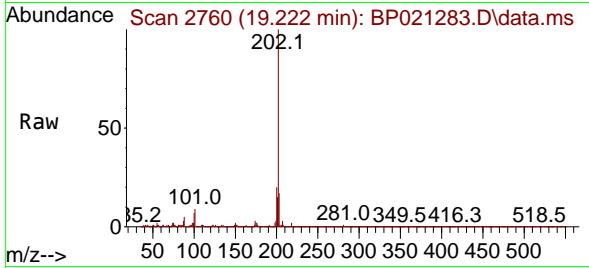
#80
 Fluoranthene
 Concen: 7.081 ng/u1
 RT: 19.222 min Scan# 2761
 Delta R.T. -0.011 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38

Instrument :

BNA_P

Client SampleId :

A4CL5



Tgt Ion:202 Resp: 57755
 Ion Ratio Lower Upper
 202 100
 101 9.1 8.0 12.0
 100 6.9 6.1 9.1

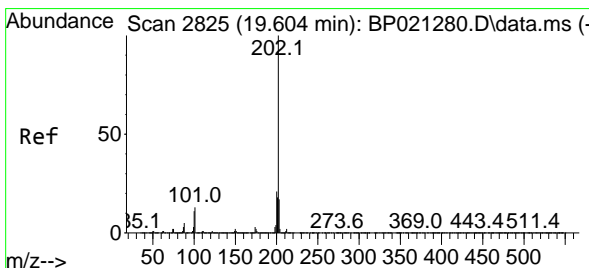
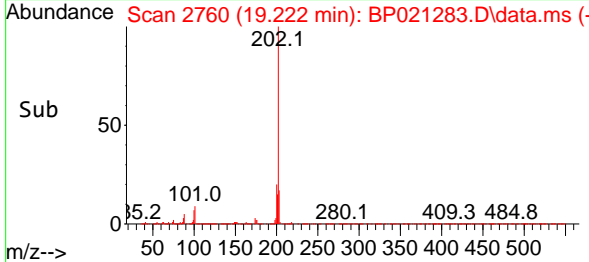
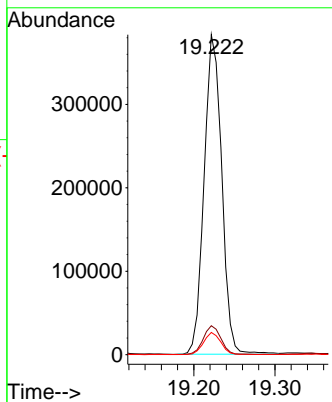
Manual Integrations

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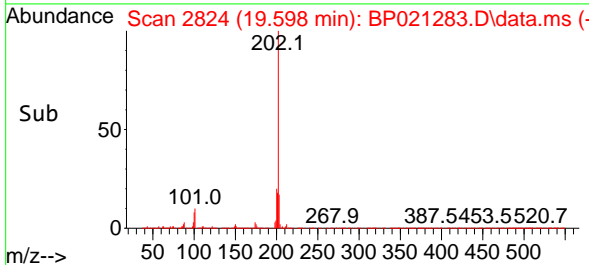
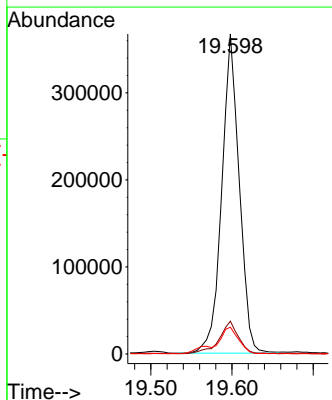
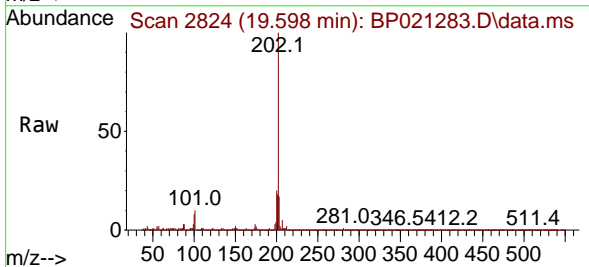
Supervised By :mohammad ahmed 09/04/2024

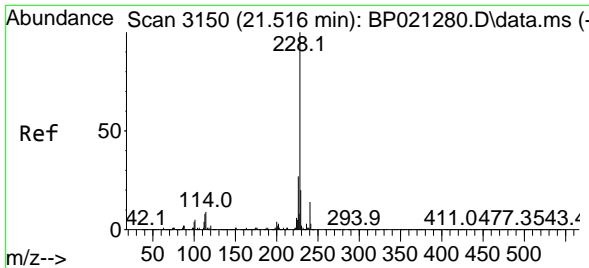
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 ahmed
 08/03/2024



#82
 Pyrene
 Concen: 6.629 ng/u1
 RT: 19.598 min Scan# 2824
 Delta R.T. -0.011 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38

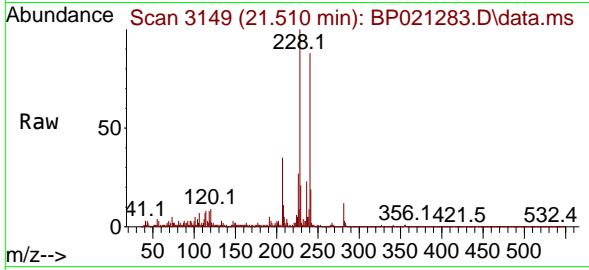
Tgt Ion:202 Resp: 550232
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.4 14.2
 100 8.4 7.8 11.6





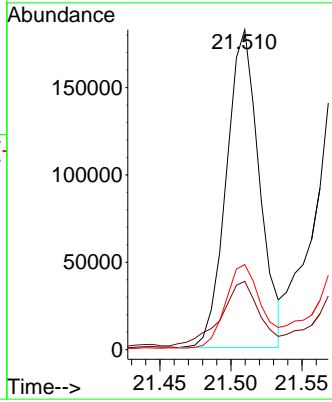
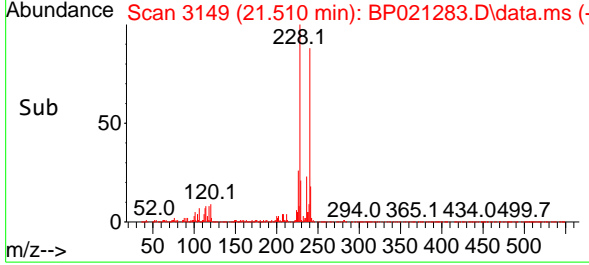
#85
 Benzo(a)anthracene
 Concen: 3.851 ng/u1
 RT: 21.510 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38

Instrument : BNA_P
 Client Sample Id : A4CL5

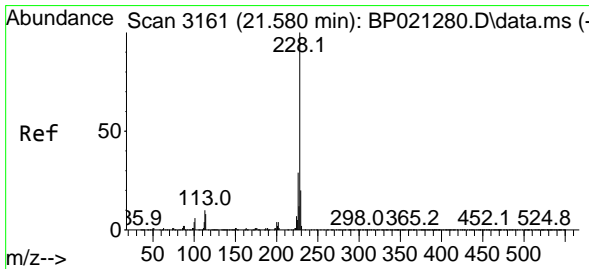


Tgt Ion: 228 Resp: 294728
 Ion Ratio Lower Upper
 228 100
 229 21.4 15.5 23.3
 226 26.6 21.4 32.2

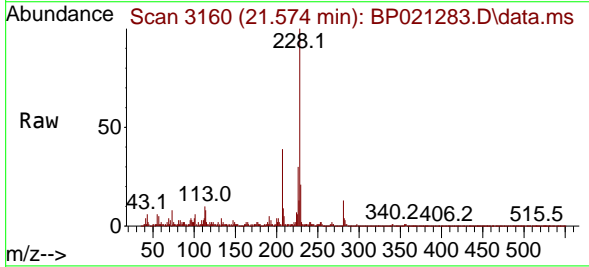
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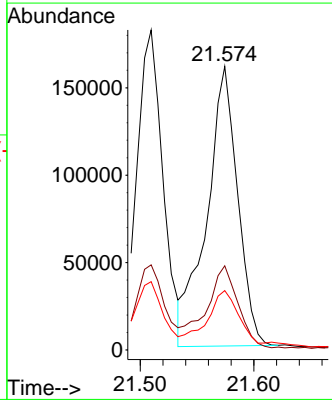
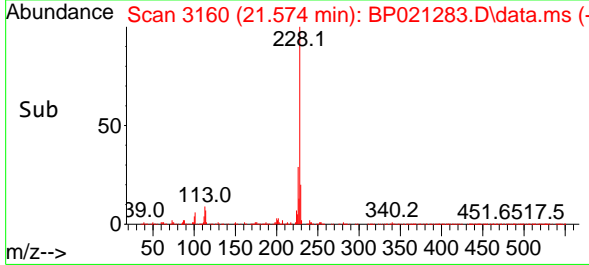
Supervised By :mohammad ahmed
 08/03/2024

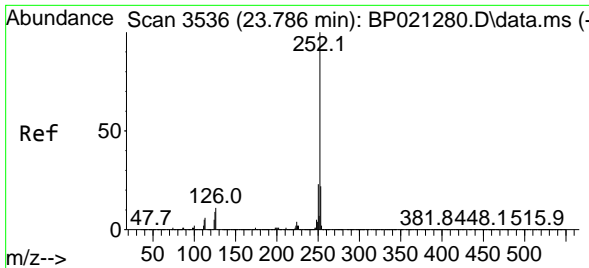


#87
 Chrysene
 Concen: 4.253 ng/u1
 RT: 21.574 min Scan# 3160
 Delta R.T. -0.011 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38



Tgt Ion: 228 Resp: 302442
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.6 35.4
 229 20.9 15.5 23.3





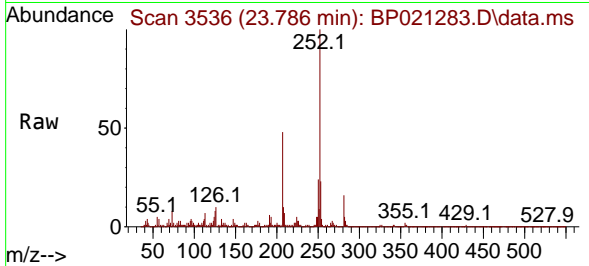
#90
 Benzo(b)fluoranthene
 Concen: 5.058 ng/u1
 RT: 23.786 min Scan# 3536
 Delta R.T. 0.000 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38

Instrument :

BNA_P

Client SampleId :

A4CL5

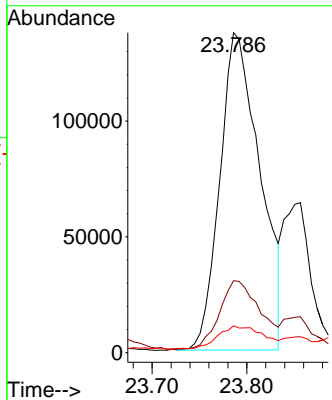
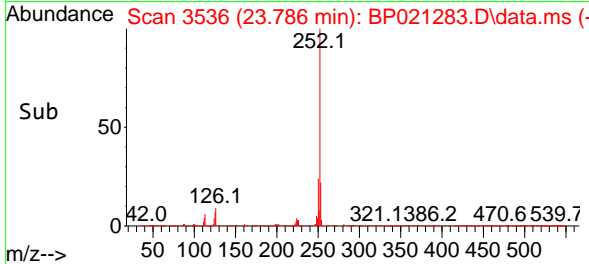


Tgt Ion:252 Resp: 405320
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.1 25.7
 125 8.4 7.0 10.4

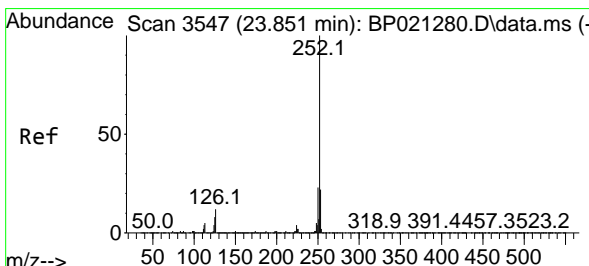
Manual Integrations

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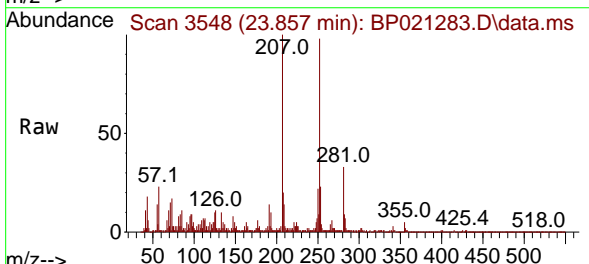
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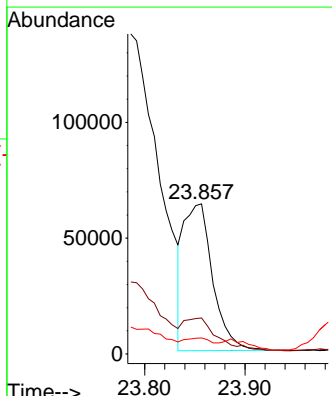
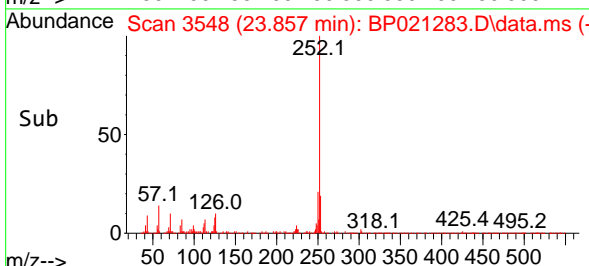
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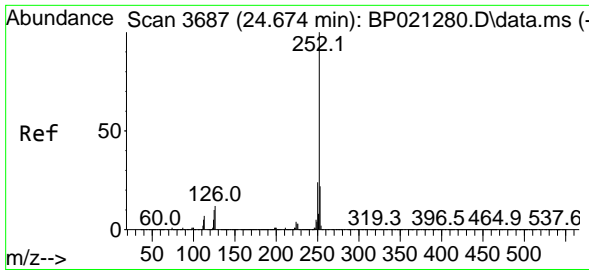


#91
 Benzo(k)fluoranthene
 Concen: 1.587 ng/u1
 RT: 23.857 min Scan# 3548
 Delta R.T. 0.006 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38



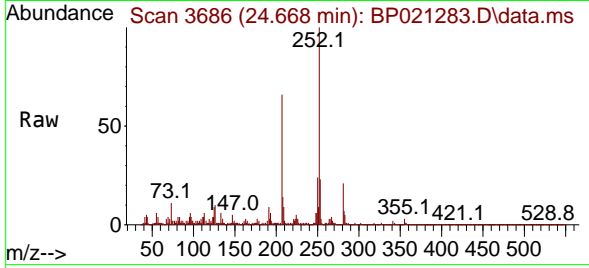
Tgt Ion:252 Resp: 126878
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.4 26.2
 125 10.7 7.4 11.0





#93
 Benzo(a)pyrene
 Concen: 3.738 ng/u1
 RT: 24.668 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BP021283.D
 Acq: 01 Aug 2024 07:38

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Client SampleID :
 A4CL5

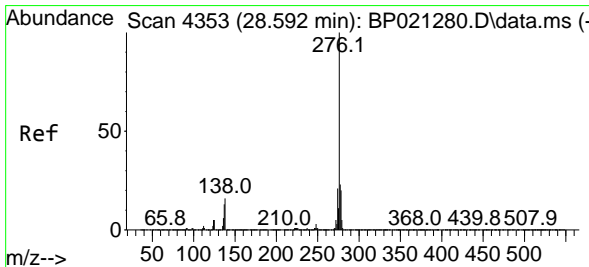
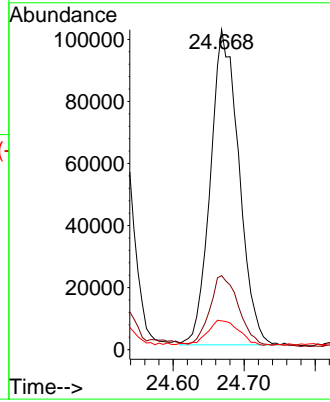
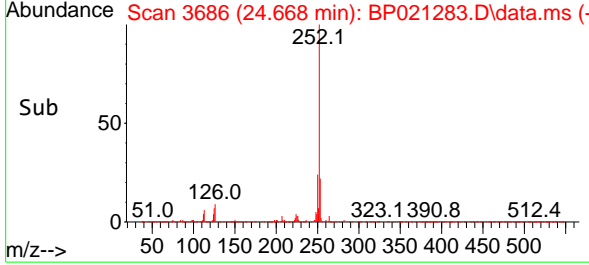


Tgt Ion: 252 Resp: 28307
 Ion Ratio Lower Upper
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 125 9.0 7.7 11.5

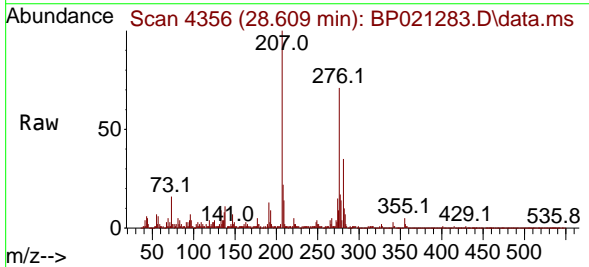
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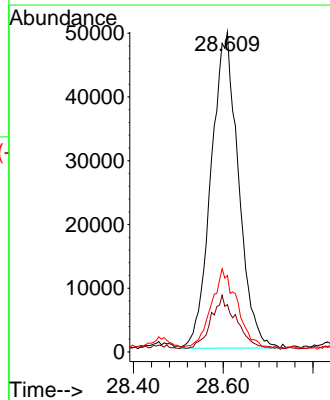
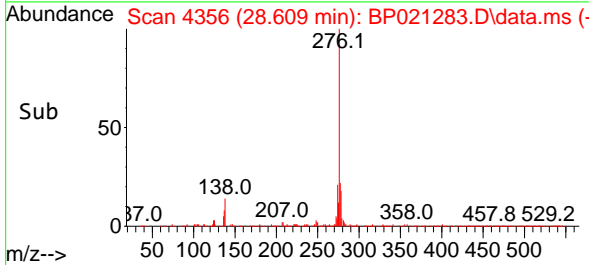
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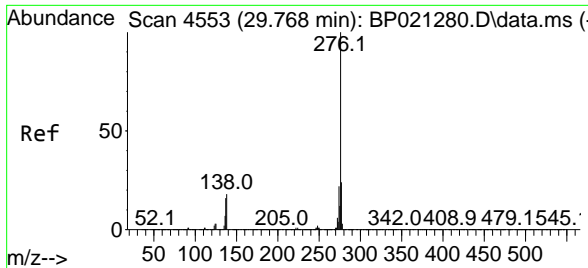


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.151 ng/u1
 RT: 28.609 min Scan# 4356
 Delta R.T. 0.012 min
 Lab File: BP021283.D
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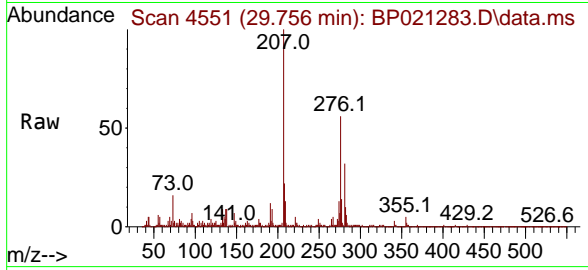
Tgt Ion: 276 Resp: 209893
 Ion Ratio Lower Upper
 276 100
 138 14.8 14.3 21.5
 277 23.9 19.2 28.8





#96
 Benzo(g,h,i)perylene
 Concen: 2.597 ng/ul
 RT: 29.756 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP021283.D
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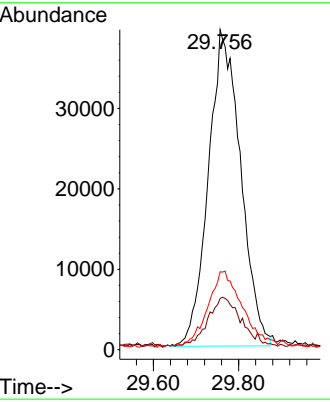
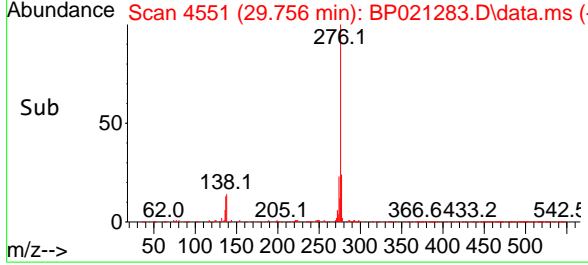
Instrument :
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Tgt Ion: 276 Resp: 20639

Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.3	22.9
277	24.3	18.2	27.2

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 ahmed
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