

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022881.D
 Acq On : 06 Nov 2024 05:41
 Operator : RC/JU
 Sample : P4581-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EC4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 06 06:33:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 00:31:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	110128	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	410139	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	323472	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.051	188	776628	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	811032	20.000	ng/u1	0.00
88) Perylene-d12	24.739	264	958979	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3587	1.266	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.828	99	73797	7.961	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	43684	8.018	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	58556	8.902	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	39459	5.334	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	28871	9.155	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	33190	9.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	67193	8.659	ng/u1	0.01
31) 4-Chloroaniline-d4	10.528	131	49884	5.440	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	238894	9.295	ng/u1	-0.01
49) Acenaphthylene-d8	13.946	160	249764	9.150	ng/u1	0.01
54) 4-Nitrophenol-d4	14.522	143	26060m	6.044	ng/u1	0.02
60) Fluorene-d10	15.257	176	215342	9.660	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	14185	2.777	ng/u1	0.00
73) Anthracene-d10	17.157	188	323451	8.853	ng/u1	0.00
81) Pyrene-d10	19.539	212	323438	7.541	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	251361	4.908	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.858	94	10563m	1.095	ng/u1	
16) Acetophenone	8.440	105	54095	4.429	ng/u1	97
72) Phenanthrene	17.098	178	150098	3.612	ng/u1	98
80) Fluoranthene	19.192	202	221971	4.502	ng/u1	99
82) Pyrene	19.575	202	119081	2.253	ng/u1	97
85) Benzo(a)anthracene	21.469	228	82981	1.459	ng/u1	98
87) Chrysene	21.533	228	90545	1.718	ng/u1	97
90) Benzo(b)fluoranthene	23.721	252	116932	1.937	ng/u1	96

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

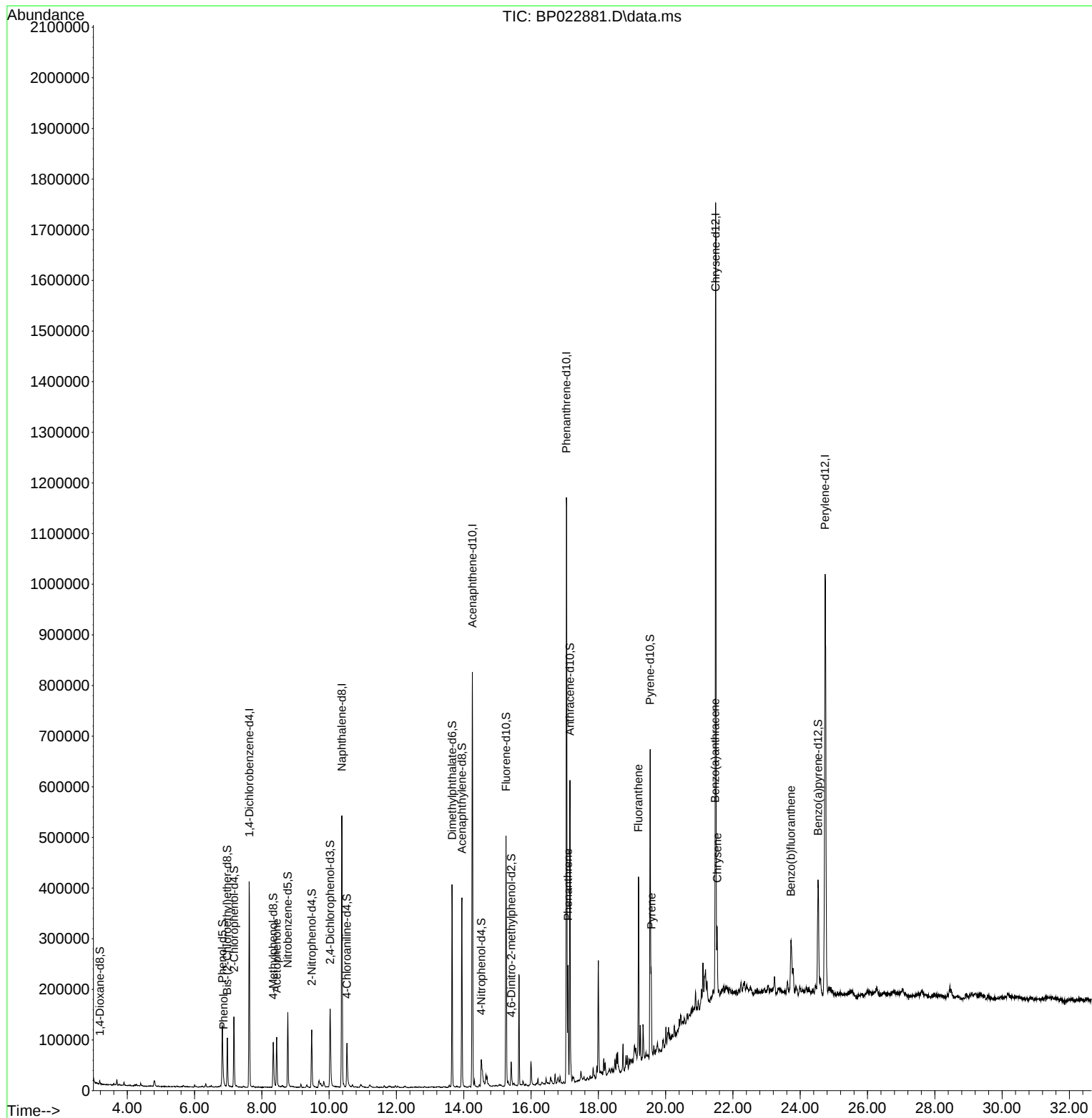
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
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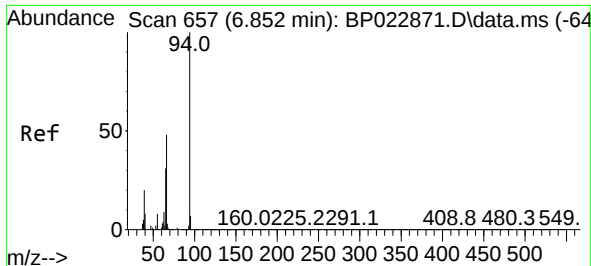
Instrument :
BNA_P
ClientSampleId :
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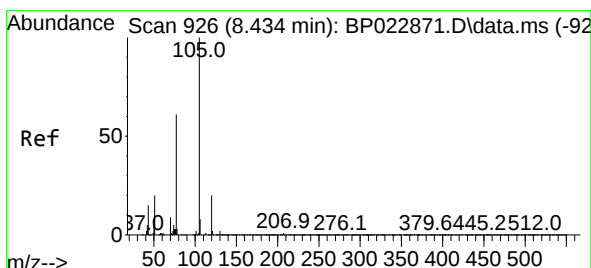
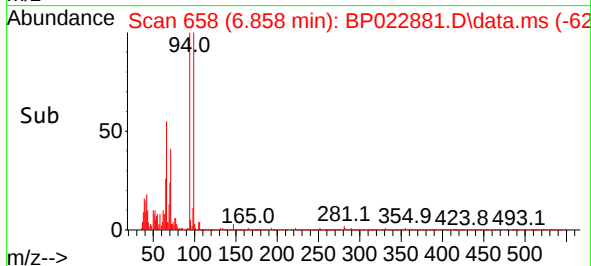
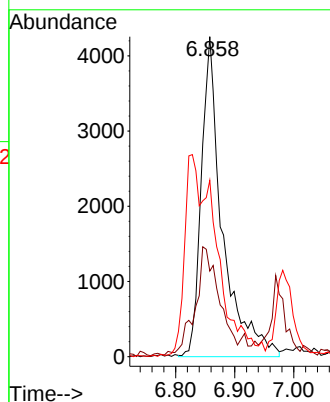
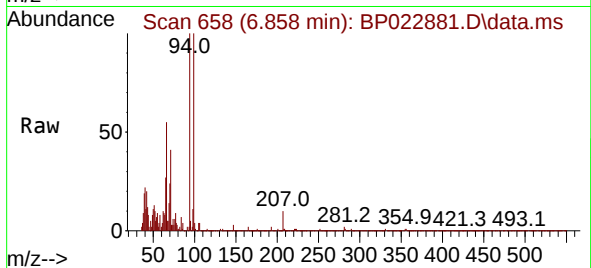
#8
Phenol
Concen: 1.095 ng/ul m
RT: 6.858 min Scan# 657
Delta R.T. 0.006 min
Lab File: BP022881.D
Acq: 06 Nov 2024 05:41

Instrument :
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ClientSampleId :
A4EC4

Tgt Ion: 94 Resp: 1056
Ion Ratio Lower Upper
94 100
65 26.7 25.9 38.9
66 55.1 37.6 56.4

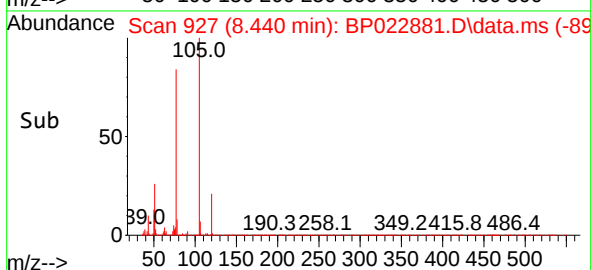
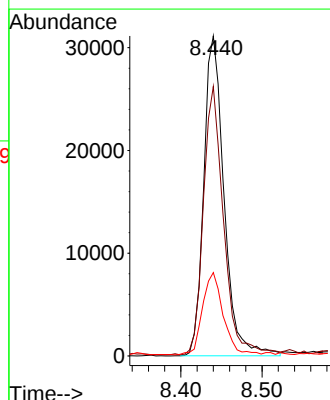
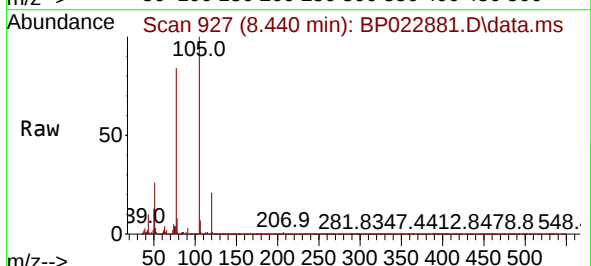
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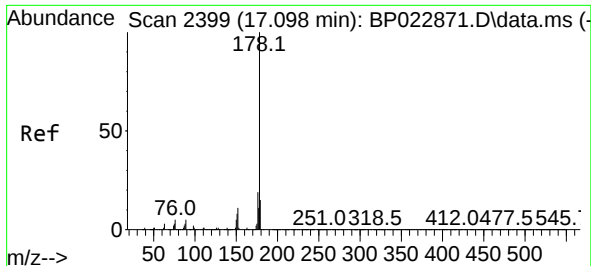
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



#16
Acetophenone
Concen: 4.429 ng/ul
RT: 8.440 min Scan# 927
Delta R.T. 0.006 min
Lab File: BP022881.D
Acq: 06 Nov 2024 05:41

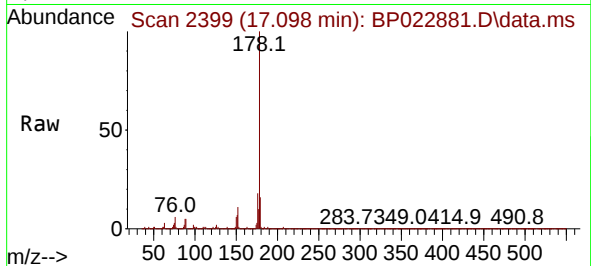
Tgt Ion:105 Resp: 54095
Ion Ratio Lower Upper
105 100
77 84.2 69.0 103.4
51 26.0 22.6 33.8





#72
Phenanthrene
Concen: 3.612 ng/ul
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022881.D
Acq: 06 Nov 2024 05:41

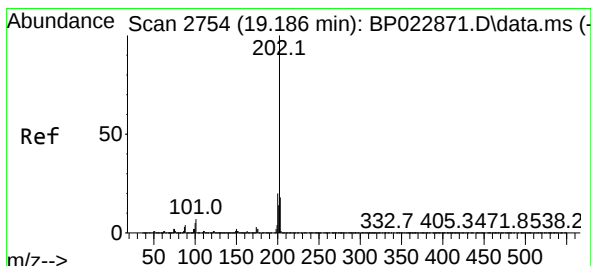
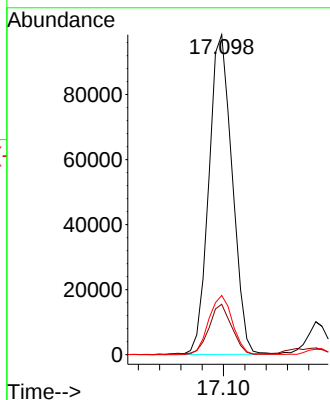
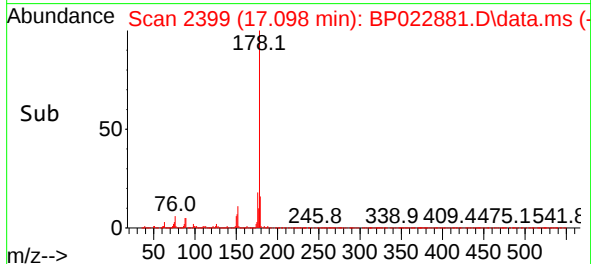
Instrument :
BNA_P
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A4EC4



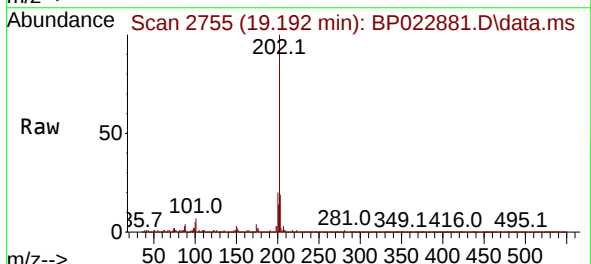
Tgt Ion:178 Resp: 150098
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 18.5 15.7 23.5

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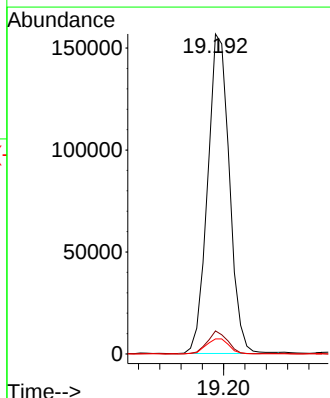
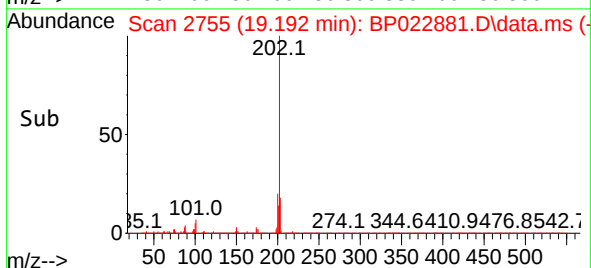
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

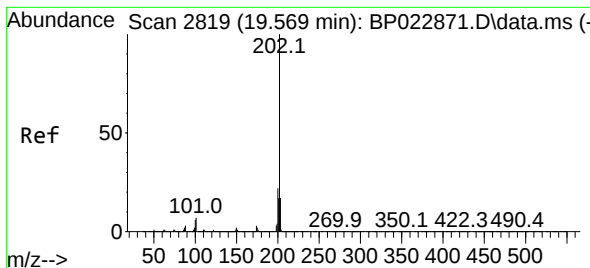


#80
Fluoranthene
Concen: 4.502 ng/ul
RT: 19.192 min Scan# 2755
Delta R.T. 0.006 min
Lab File: BP022881.D
Acq: 06 Nov 2024 05:41



Tgt Ion:202 Resp: 221971
Ion Ratio Lower Upper
202 100
101 7.2 5.8 8.8
100 4.7 4.5 6.7





#82

Pyrene

Concen: 2.253 ng/ul

RT: 19.575 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022881.D

Acq: 06 Nov 2024 05:41

Instrument :

BNA_P

ClientSampleId :

A4EC4

Tgt Ion:202 Resp: 11908

Ion Ratio Lower Upper

202 100

101 7.2 6.7 10.1

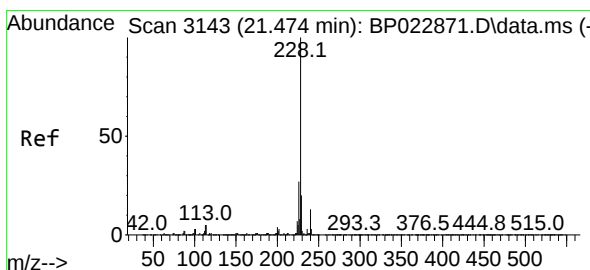
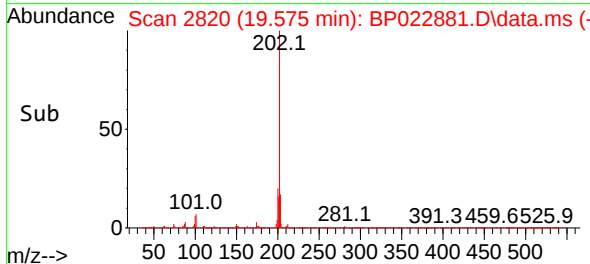
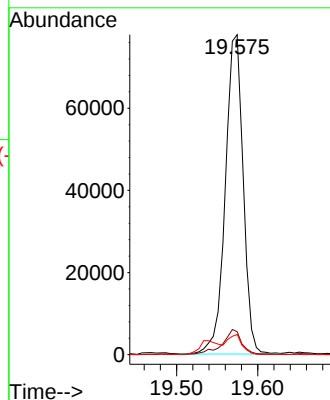
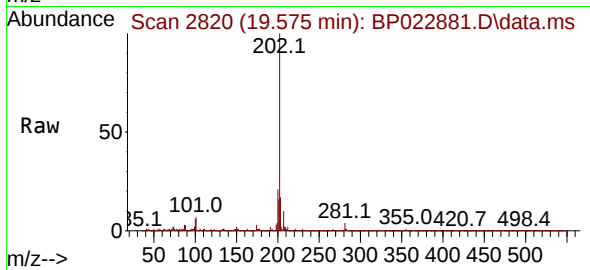
100 6.3 5.8 8.6

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#85

Benzo(a)anthracene

Concen: 1.459 ng/ul

RT: 21.469 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BP022881.D

Acq: 06 Nov 2024 05:41

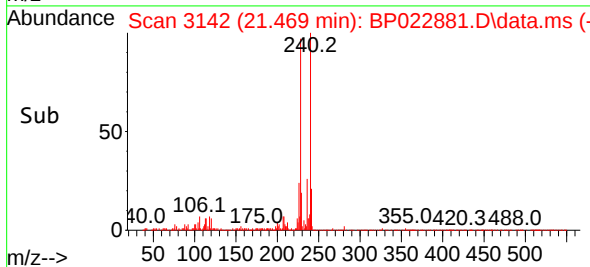
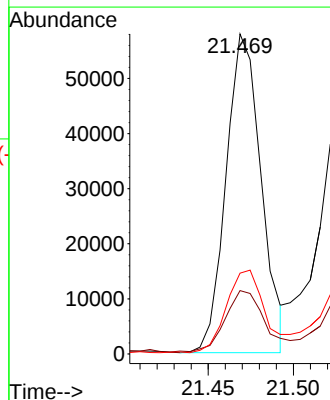
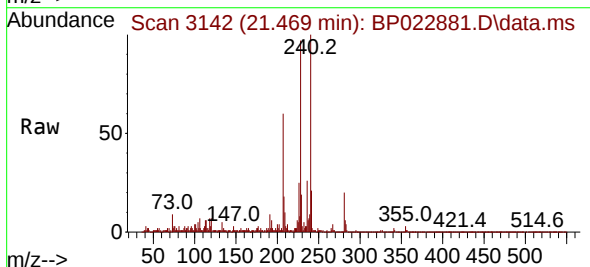
Tgt Ion:228 Resp: 82981

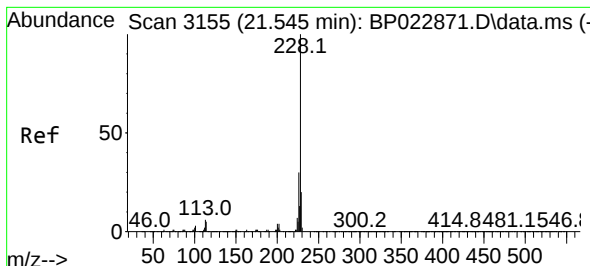
Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.0

226 25.3 21.5 32.3





#87

Chrysene

Concen: 1.718 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP022881.D

Acq: 06 Nov 2024 05:41

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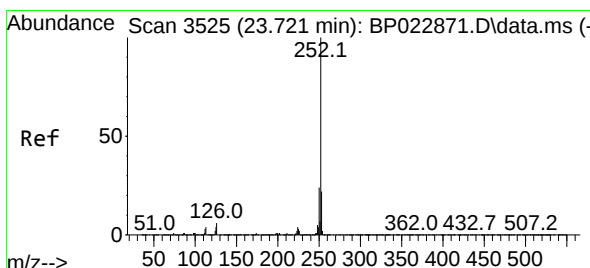
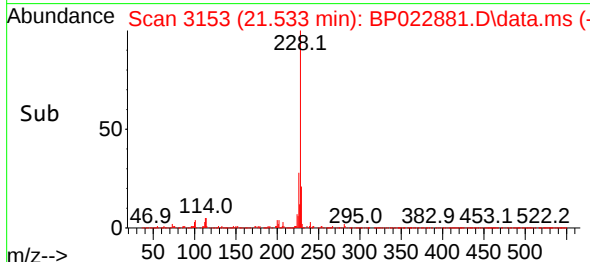
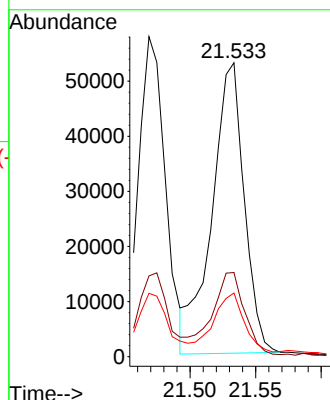
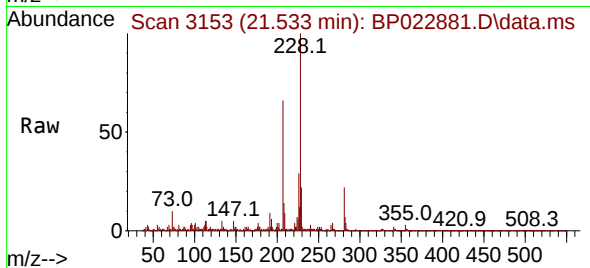
Tgt Ion:	228	Resp:	90549
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.8	35.8
229	21.7	15.5	23.3

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Supervised By :mohammad ahmed 11/08/2024



#90

Benzo(b)fluoranthene

Concen: 1.937 ng/ul

RT: 23.721 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BP022881.D

Acq: 06 Nov 2024 05:41

Tgt Ion:	252	Resp:	116932
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.8	26.8
125	6.0	5.0	7.4

