

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022572.D
 Acq On : 23 Oct 2024 20:56
 Operator : RC/JU
 Sample : P4415-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F51

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:44:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	124960	20.000	ng/u1	0.00
20) Naphthalene-d8	10.405	136	477881	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.257	164	370735	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.063	188	870747	20.000	ng/u1	-0.02
79) Chrysene-d12	21.504	240	851624	20.000	ng/u1	0.00
88) Perylene-d12	24.768	264	1000438	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3526	1.097	ng/uL	0.00
4) Pyridine-d5	3.628	84	12161	1.378	ng/u1	0.02
7) Phenol-d5	6.858	99	60240	5.727	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	37459	6.059	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	46858	6.278	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	43896	5.229	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	21647	5.891	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	26132	6.143	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	54731	6.053	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	38281m	3.583	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	190988	6.484	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	197259	6.305	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.510	143	17509m	3.543	ng/u1	0.00
60) Fluorene-d10	15.269	176	171235	6.702	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	14531m	2.537	ng/u1	0.00
73) Anthracene-d10	17.163	188	273861	6.686	ng/u1	0.00
81) Pyrene-d10	19.545	212	278172	6.177	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.533	264	214350	4.012	ng/u1	0.00
Target Compounds						
16) Acetophenone	8.469	105	42213	3.046	ng/u1	93
72) Phenanthrene	17.104	178	117123	2.514	ng/u1	100
80) Fluoranthene	19.198	202	294566	5.690	ng/u1	98
82) Pyrene	19.575	202	188374	3.395	ng/u1	99
85) Benzo(a)anthracene	21.486	228	152242	2.550	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.410	149	54783	1.975	ng/u1	100
87) Chrysene	21.551	228	149516m	2.701	ng/u1	
90) Benzo(b)fluoranthene	23.733	252	200030	3.176	ng/u1	97
91) Benzo(k)fluoranthene	23.792	252	73128	1.186	ng/u1	97
93) Benzo(a)pyrene	24.604	252	69605	1.201	ng/u1	92

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

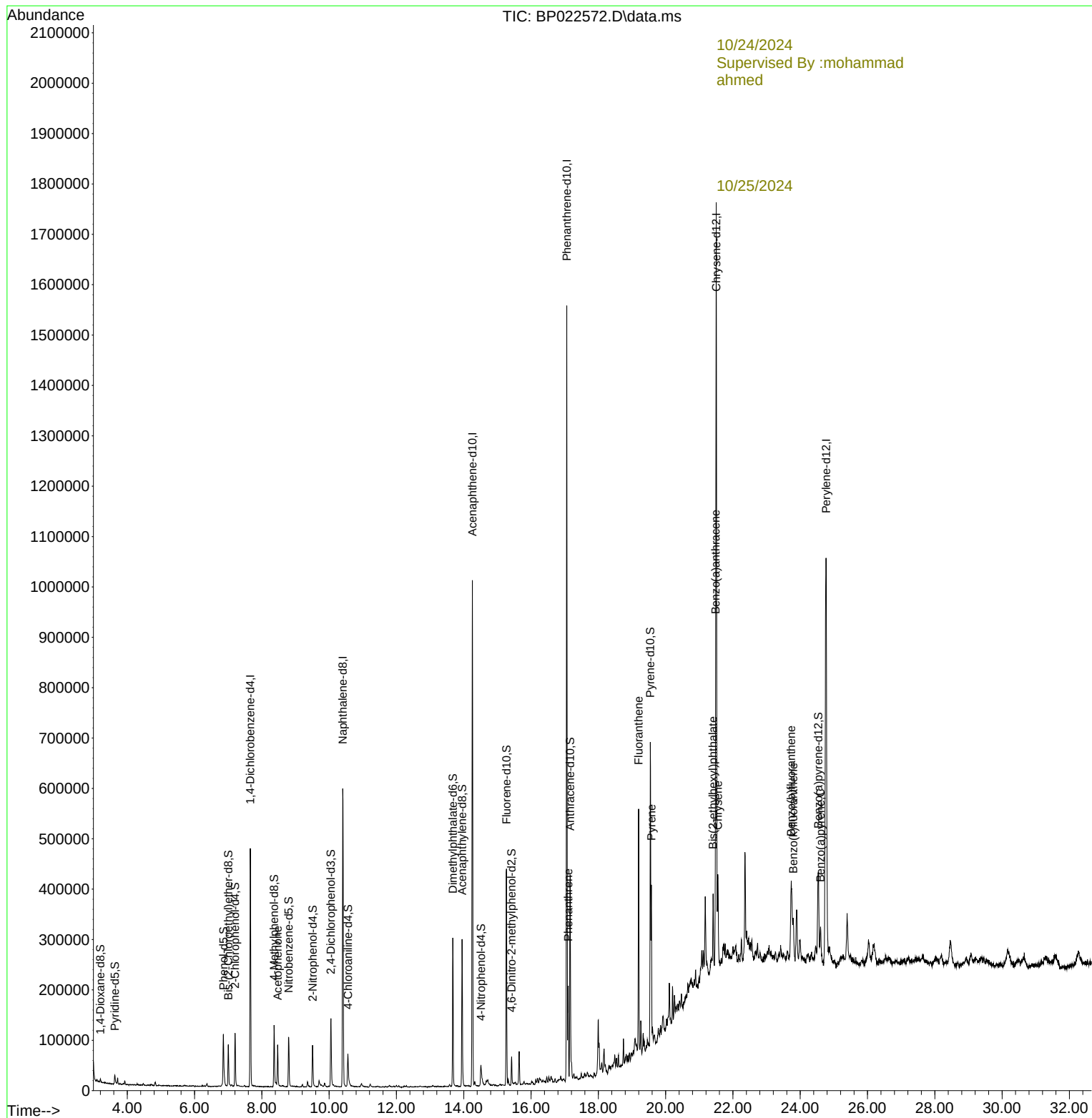
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022572.D
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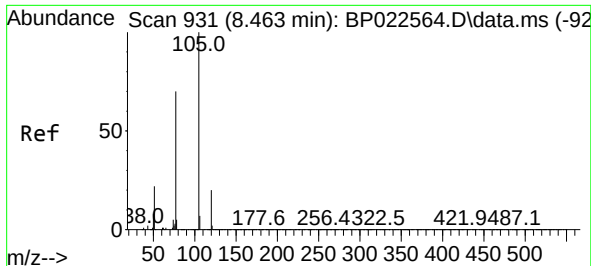
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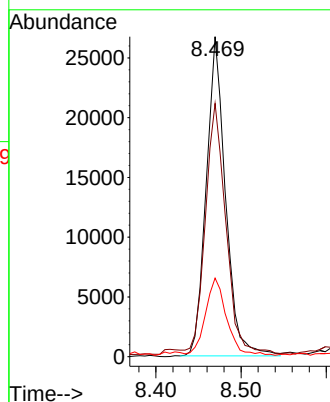
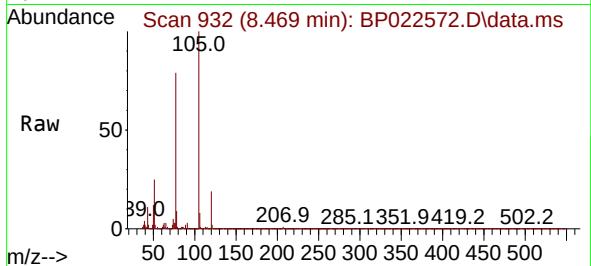
#16
Acetophenone
Concen: 3.046 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022572.D
Acq: 23 Oct 2024 20:56

Instrument :
BNA_P
ClientSampleId :
A4F51

Tgt Ion:105 Resp: 4221
Ion Ratio Lower Upper
105 100
77 79.1 69.0 103.4
51 24.6 22.6 33.8

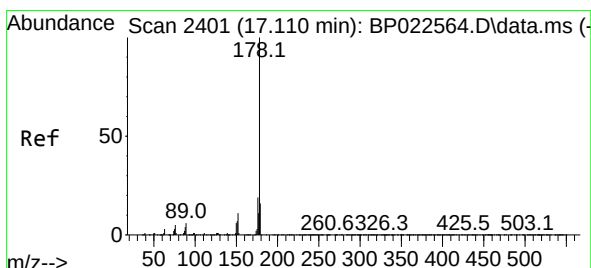
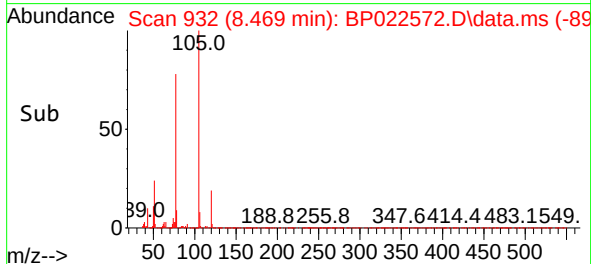
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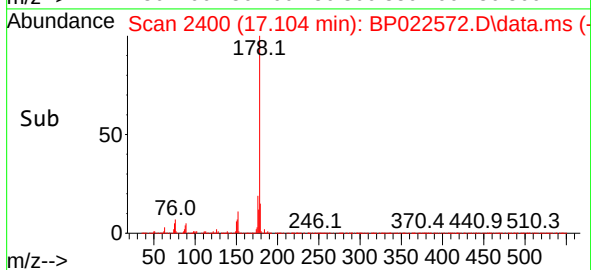
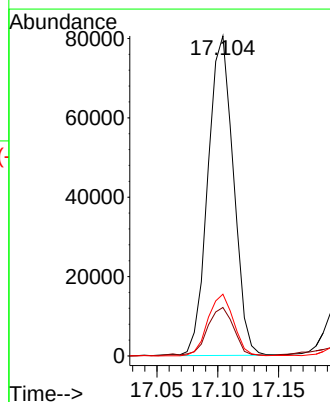
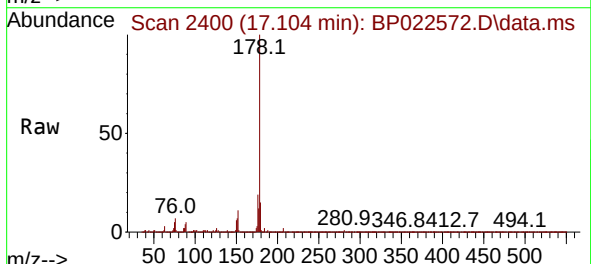
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Supervised By :mohammad
ahmed

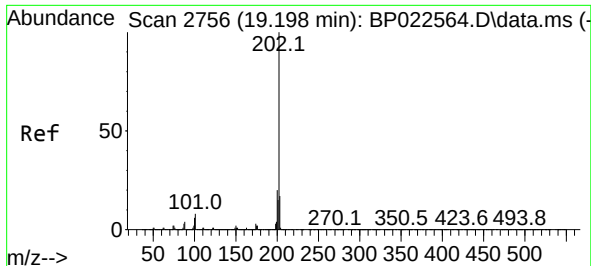
10/25/2024



#72
Phenanthrene
Concen: 2.514 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.011 min
Lab File: BP022572.D
Acq: 23 Oct 2024 20:56

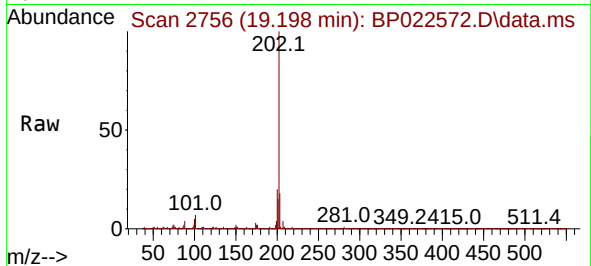
Tgt Ion:178 Resp: 117123
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.3 15.7 23.5





#80
Fluoranthene
Concen: 5.690 ng/u1
RT: 19.198 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP022572.D
Acq: 23 Oct 2024 20:56

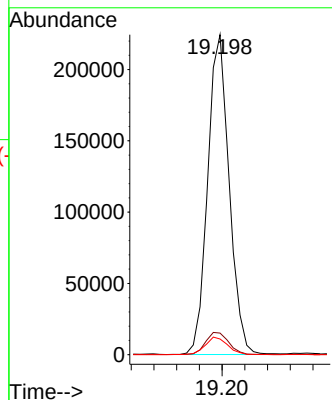
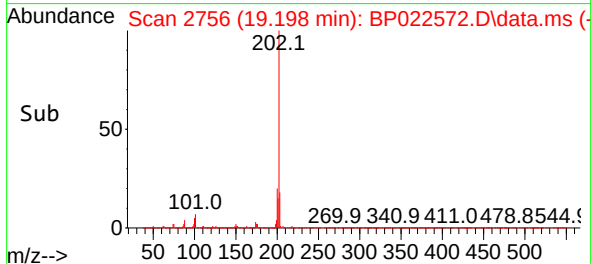
Instrument :
BNA_P
ClientSampleId :
A4F51



Tgt Ion:202 Resp: 294560
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.8
100 4.9 4.5 6.7

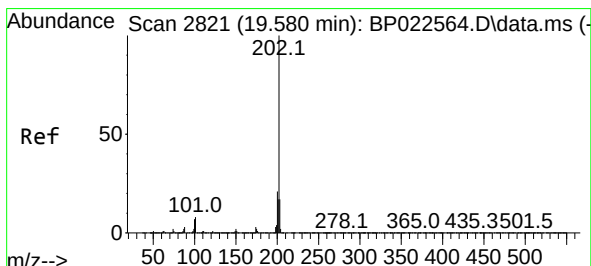
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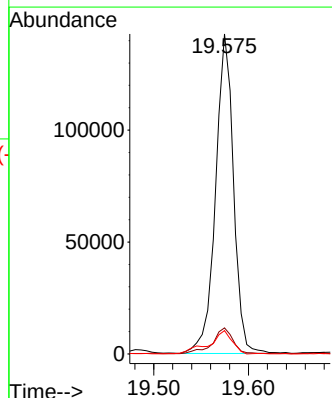
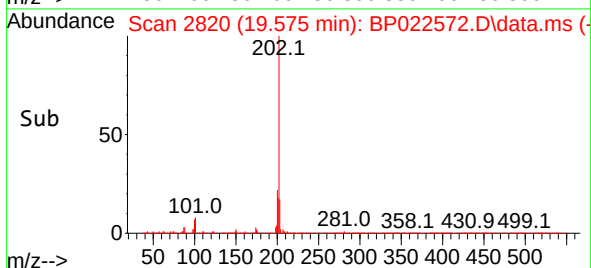
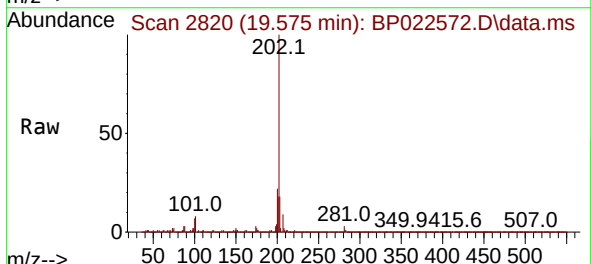
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Supervised By :mohammad
ahmed

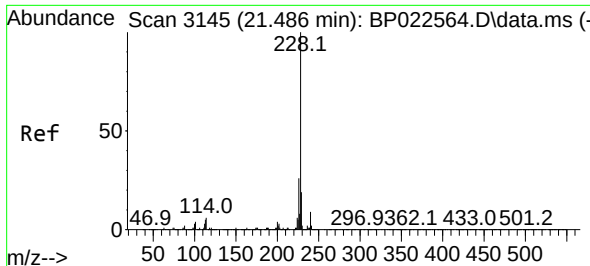
10/25/2024



#82
Pyrene
Concen: 3.395 ng/u1
RT: 19.575 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BP022572.D
Acq: 23 Oct 2024 20:56

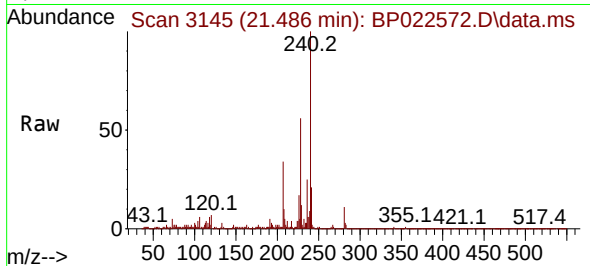
Tgt Ion:202 Resp: 188374
Ion Ratio Lower Upper
202 100
101 8.1 6.7 10.1
100 7.3 5.8 8.6





#85
Benzo(a)anthracene
Concen: 2.550 ng/ul
RT: 21.486 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP022572.D
Acq: 23 Oct 2024 20:56

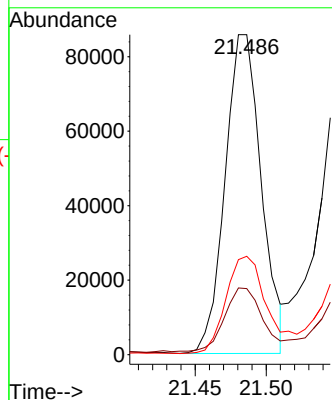
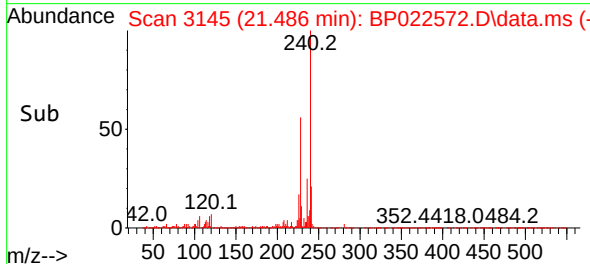
Instrument :
BNA_P
ClientSampleId :
A4F51



Tgt Ion:228 Resp: 15224
Ion Ratio Lower Upper
228 100
229 20.6 15.4 23.0
226 30.8 21.5 32.3

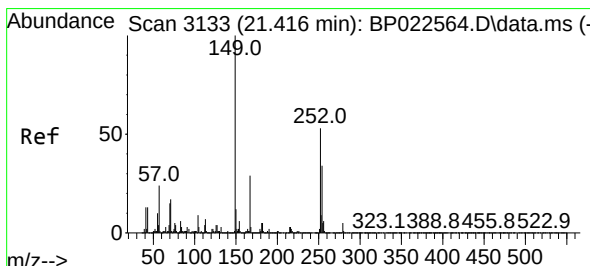
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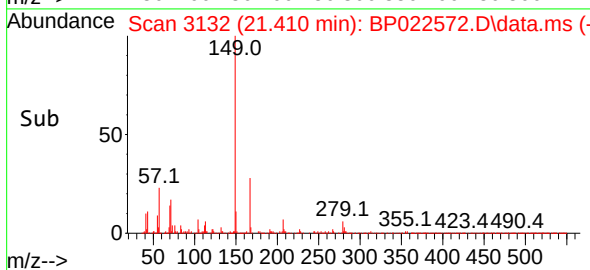
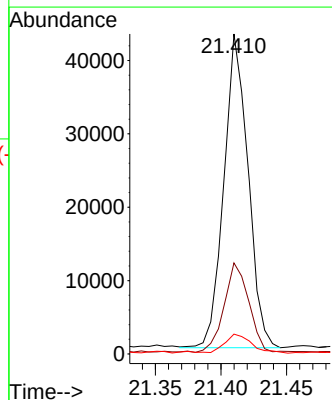
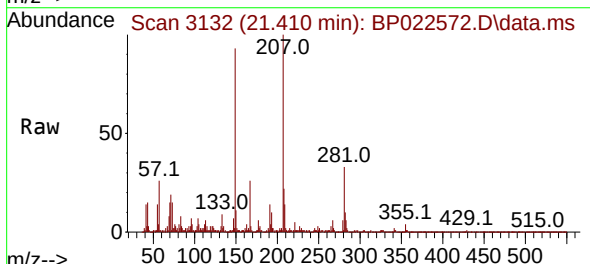
10/24/2024
Supervised By :mohammad
ahmed

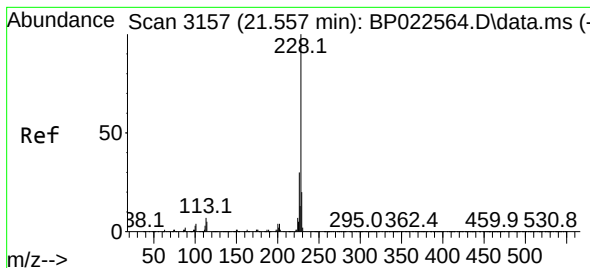
10/25/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.975 ng/ul
RT: 21.410 min Scan# 3132
Delta R.T. -0.005 min
Lab File: BP022572.D
Acq: 23 Oct 2024 20:56

Tgt Ion:149 Resp: 54783
Ion Ratio Lower Upper
149 100
167 28.4 23.0 34.4
279 6.2 4.8 7.2





#87

Chrysene

Concen: 2.701 ng/ul m

RT: 21.551 min Scan# 3157

Delta R.T. 0.006 min

Lab File: BP022572.D

Acq: 23 Oct 2024 20:56

Instrument :

BNA_P

ClientSampleId :

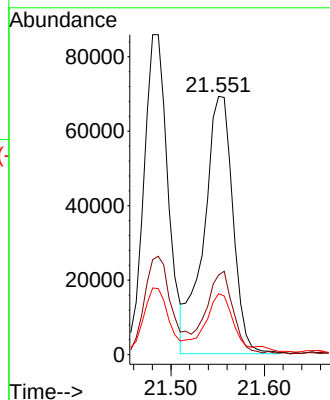
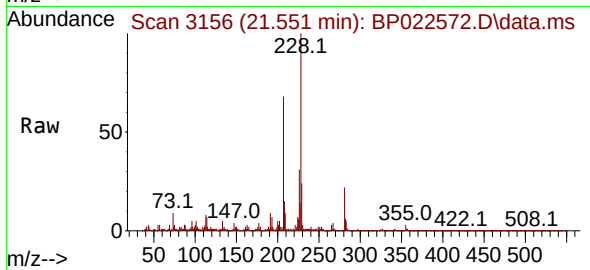
A4F51

Tgt Ion:	228	Resp:	149510
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.8	35.8
229	23.6	15.5	23.3

Manual Integrations

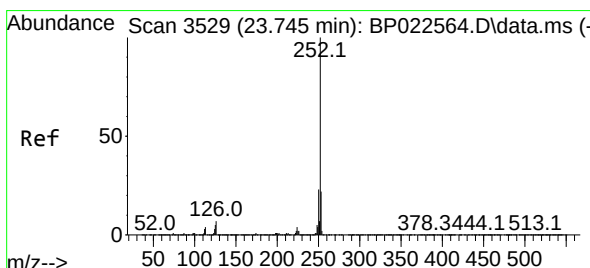
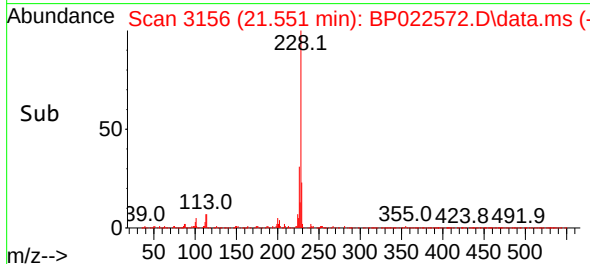
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#90

Benzo(b)fluoranthene

Concen: 3.176 ng/ul

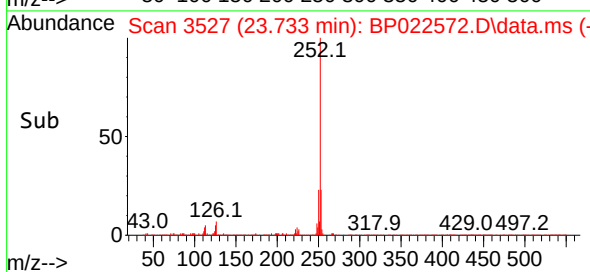
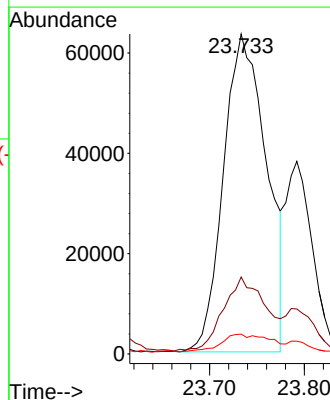
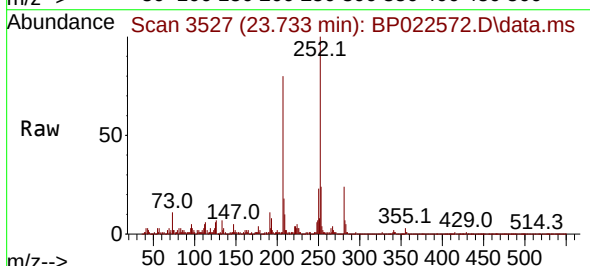
RT: 23.733 min Scan# 3527

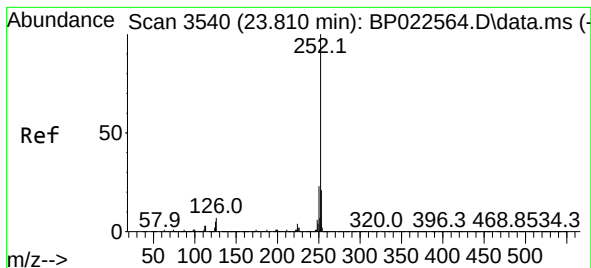
Delta R.T. 0.012 min

Lab File: BP022572.D

Acq: 23 Oct 2024 20:56

Tgt Ion:	252	Resp:	200030
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.8
125	6.2	5.0	7.4





#91

Benzo(k)fluoranthene

Concen: 1.186 ng/u1

RT: 23.792 min Scan# 3540

Delta R.T. 0.000 min

Lab File: BP022572.D

Acq: 23 Oct 2024 20:56

Instrument :

BNA_P

ClientSampleId :

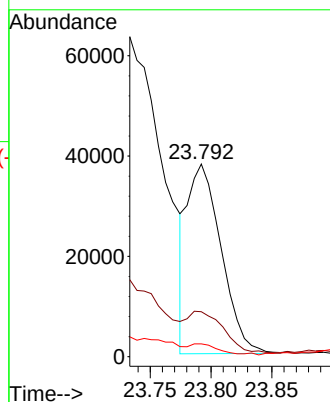
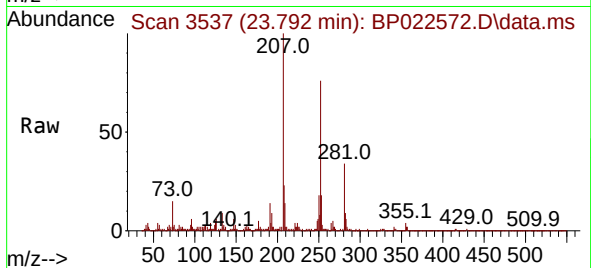
A4F51

Tgt Ion:	252	Resp:	73128
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	6.7	4.6	6.8

Manual Integrations

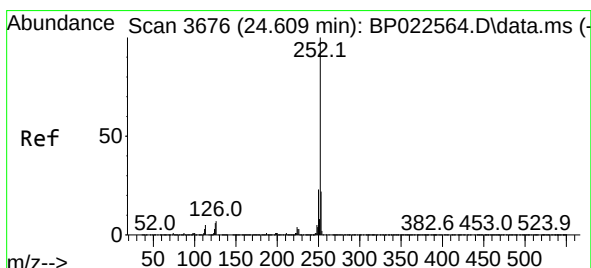
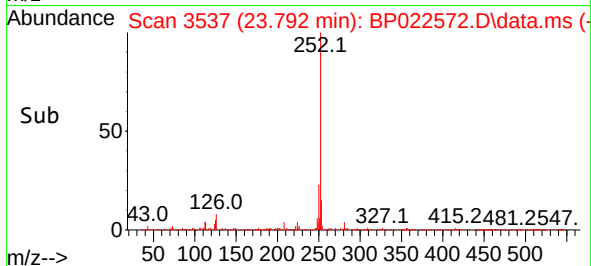
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ahmed

10/25/2024



#93

Benzo(a)pyrene

Concen: 1.201 ng/u1

RT: 24.604 min Scan# 3675

Delta R.T. 0.000 min

Lab File: BP022572.D

Acq: 23 Oct 2024 20:56

Tgt Ion:	252	Resp:	69605
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.7	26.5
125	6.7	4.9	7.3

