

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022542.D
 Acq On : 22 Oct 2024 18:27
 Operator : RC/JU
 Sample : P4414-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F99

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 23 01:31:10 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	7.663	152	102540	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	387536	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	305423	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	728086	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	762116	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	947712	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3946	1.495	ng/uL	0.00
4) Pyridine-d5	3.628	84	9302	1.284	ng/u1	0.02
7) Phenol-d5	6.858	99	72894	8.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	45502	8.969	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	55046	8.988	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	55415	8.045	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	27552	9.246	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	31645	9.173	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	66942	9.130	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	41898	4.836	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	237605	9.791	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	244294	9.478	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	25199m	6.190	ng/u1	0.00
60) Fluorene-d10	15.281	176	212678	10.104	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.422	200	17753	3.707	ng/u1	0.00
73) Anthracene-d10	17.169	188	342244	9.992	ng/u1	0.00
81) Pyrene-d10	19.545	212	373411	9.265	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.527	264	328398	6.488	ng/u1	0.00

Target Compounds						Qvalue
8) Phenol	6.881	94	10596	1.180	ng/u1	93
16) Acetophenone	8.475	105	43915	3.862	ng/u1	98
72) Phenanthrene	17.122	178	120224	3.086	ng/u1	98
80) Fluoranthene	19.198	202	206722	4.462	ng/u1	100
82) Pyrene	19.580	202	134343	2.705	ng/u1	99
85) Benzo(a)anthracene	21.486	228	81562	1.527	ng/u1	98
87) Chrysene	21.545	228	87831	1.773	ng/u1	97
90) Benzo(b)fluoranthene	23.721	252	119694	2.006	ng/u1	96

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

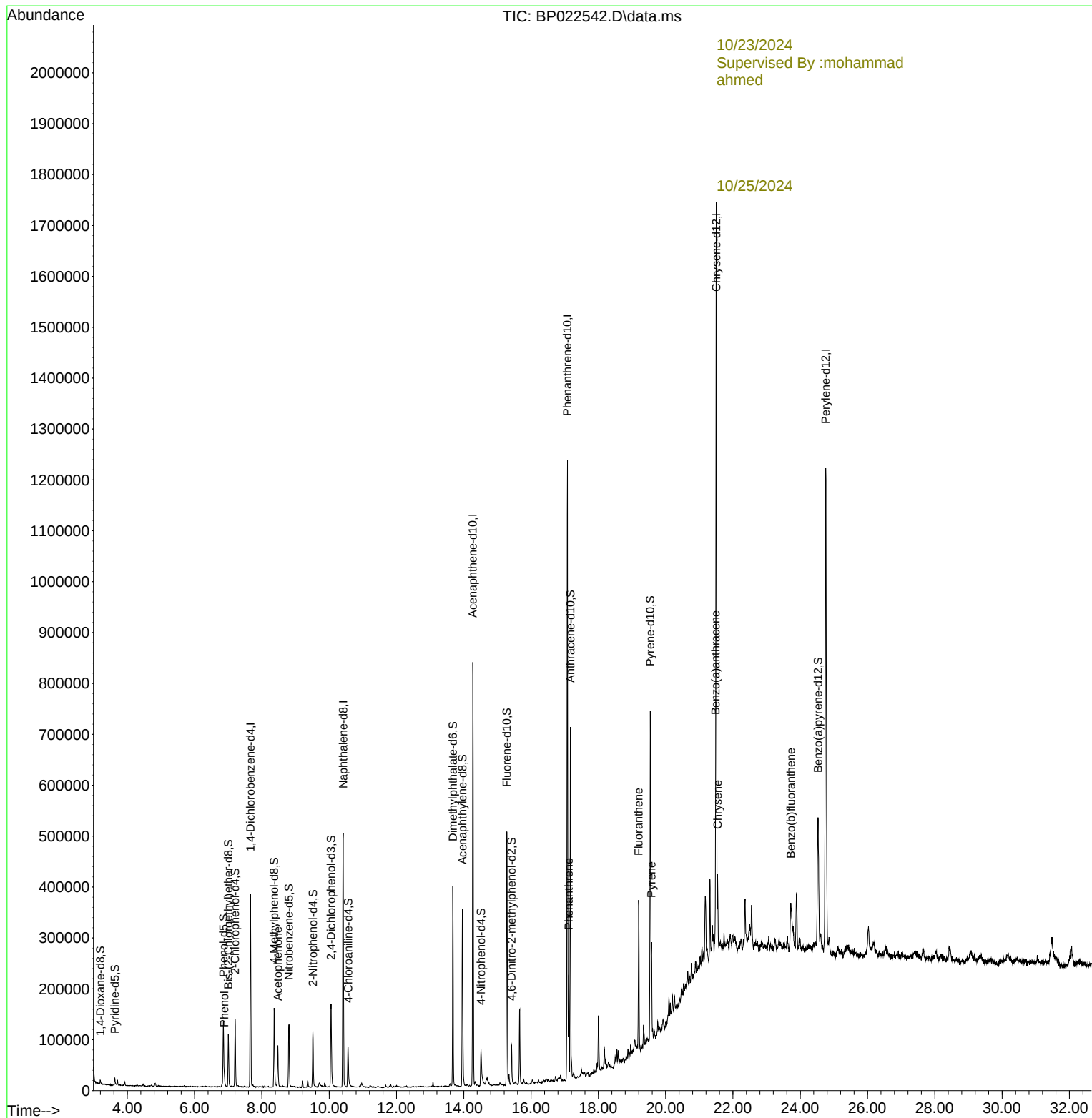
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022542.D
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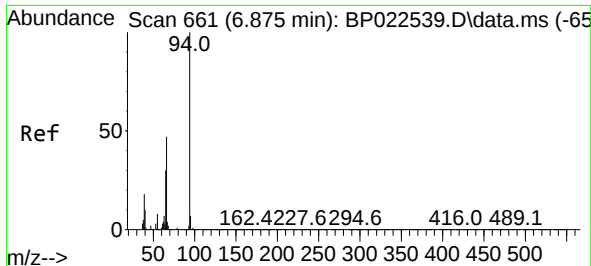
Instrument :
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ClientSampleId :
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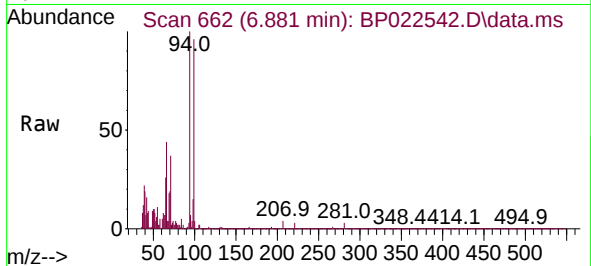
Quant Time: Oct 23 01:31:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.180 ng/ul
RT: 6.881 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP022542.D
Acq: 22 Oct 2024 18:27

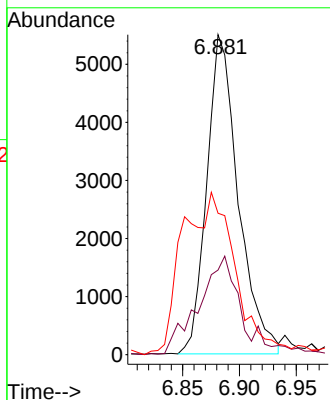
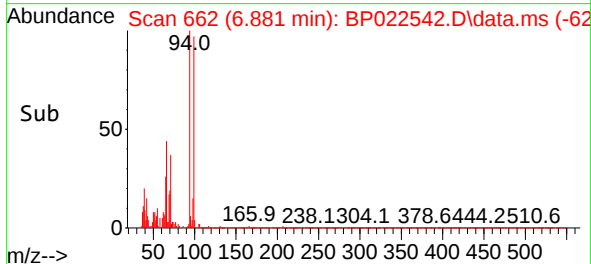
Instrument :
BNA_P
ClientSampleId :
A4F99



Tgt Ion: 94 Resp: 10590
Ion Ratio Lower Upper
94 100
65 26.5 25.9 38.9
66 44.2 37.6 56.4

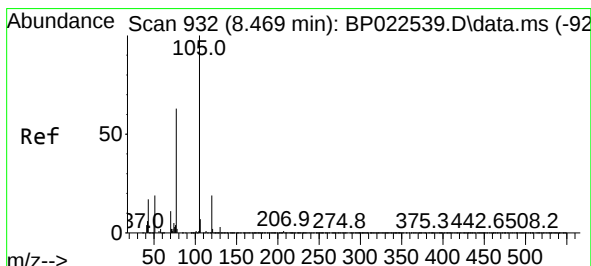
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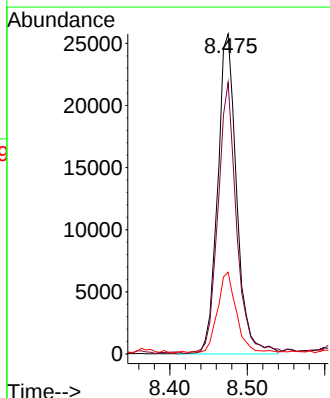
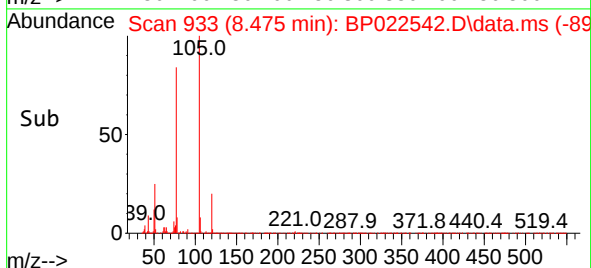
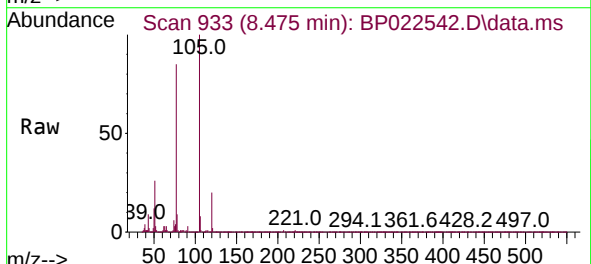
10/23/2024
Supervised By :mohammad
ahmed

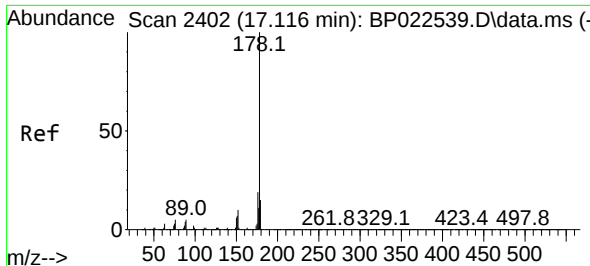
10/25/2024



#16
Acetophenone
Concen: 3.862 ng/ul
RT: 8.475 min Scan# 933
Delta R.T. 0.006 min
Lab File: BP022542.D
Acq: 22 Oct 2024 18:27

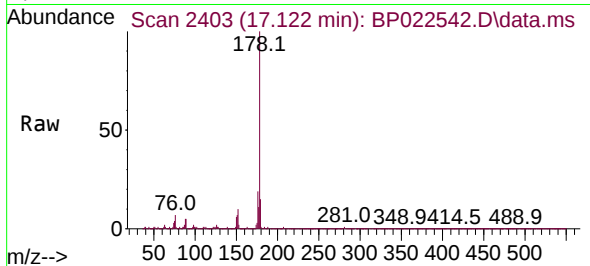
Tgt Ion:105 Resp: 43915
Ion Ratio Lower Upper
105 100
77 84.9 69.0 103.4
51 25.6 22.6 33.8





#72
Phenanthrene
Concen: 3.086 ng/ul
RT: 17.122 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BP022542.D
Acq: 22 Oct 2024 18:27

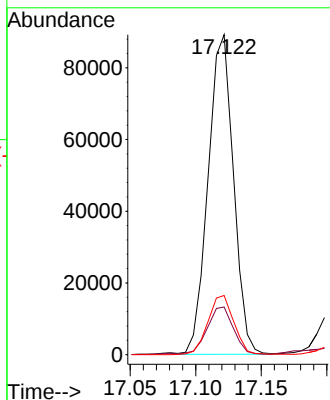
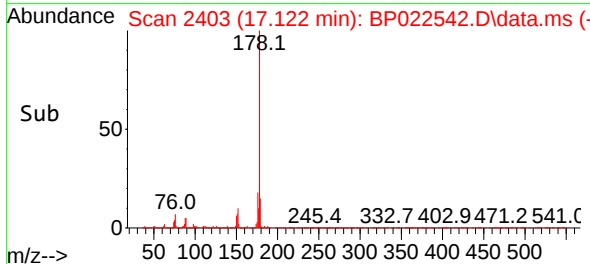
Instrument :
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Tgt Ion:178 Resp: 120224
Ion Ratio Lower Upper
178 100
179 14.9 12.2 18.4
176 18.5 15.7 23.5

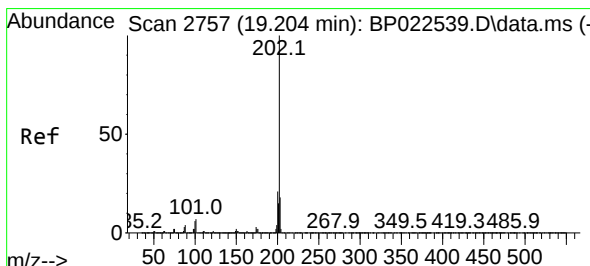
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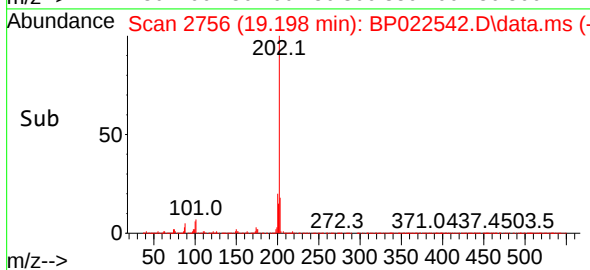
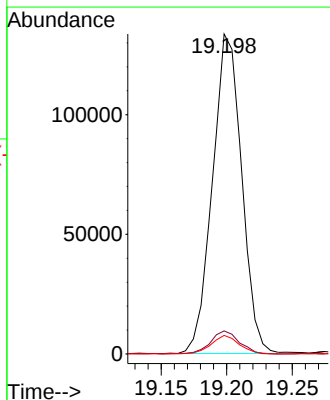
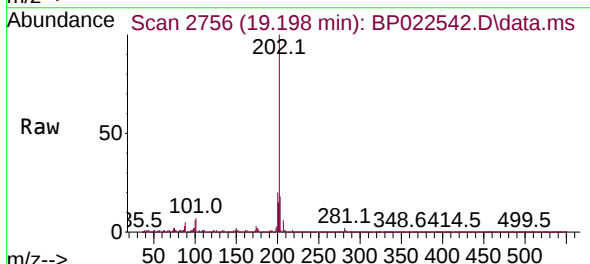
10/23/2024
Supervised By :mohammad
ahmed

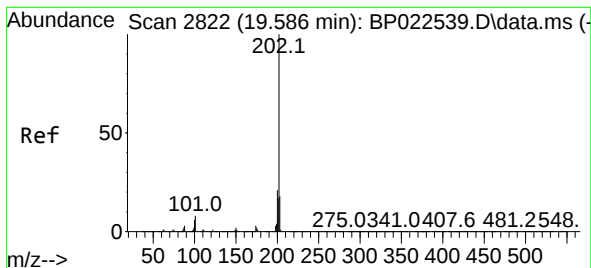
10/25/2024



#80
Fluoranthene
Concen: 4.462 ng/ul
RT: 19.198 min Scan# 2756
Delta R.T. -0.011 min
Lab File: BP022542.D
Acq: 22 Oct 2024 18:27

Tgt Ion:202 Resp: 206722
Ion Ratio Lower Upper
202 100
101 7.2 5.8 8.8
100 5.8 4.5 6.7





#82

Pyrene

Concen: 2.705 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022542.D

Acq: 22 Oct 2024 18:27

Instrument :

BNA_P

ClientSampleId :

A4F99

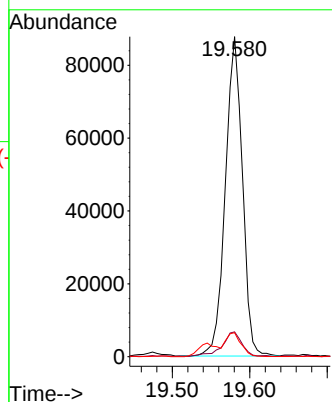
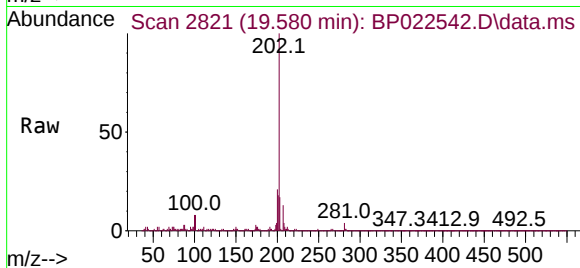
Tgt Ion:	202	Resp:	13434
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.7	10.1
100	7.5	5.8	8.6

Manual Integrations

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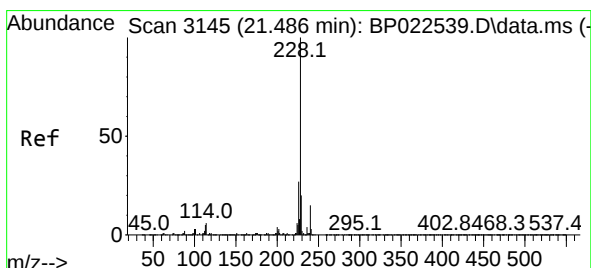
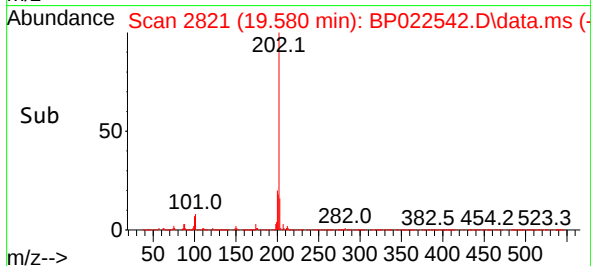
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ahmed

10/25/2024



#85

Benzo(a)anthracene

Concen: 1.527 ng/ul

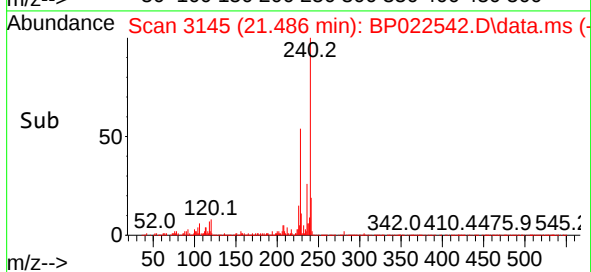
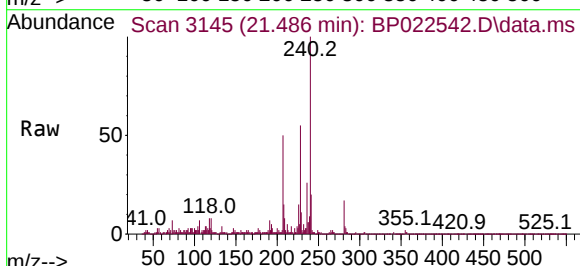
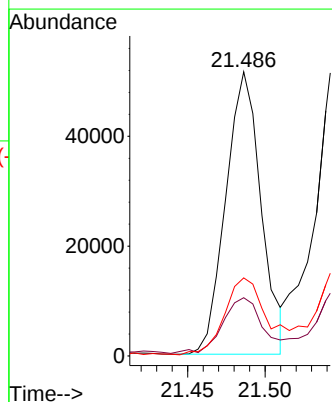
RT: 21.486 min Scan# 3145

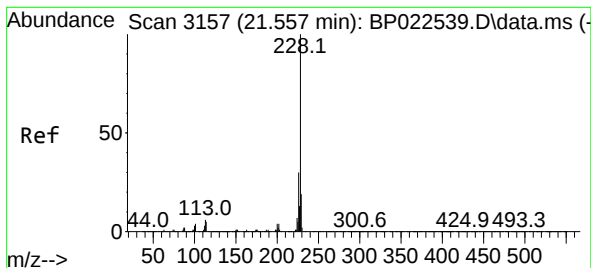
Delta R.T. 0.006 min

Lab File: BP022542.D

Acq: 22 Oct 2024 18:27

Tgt Ion:	228	Resp:	81562
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.4	23.0
226	27.4	21.5	32.3





#87

Chrysene

Concen: 1.773 ng/ul

RT: 21.545 min Scan# 3157

Delta R.T. 0.000 min

Lab File: BP022542.D

Acq: 22 Oct 2024 18:27

Instrument :

BNA_P

ClientSampleId :

A4F99

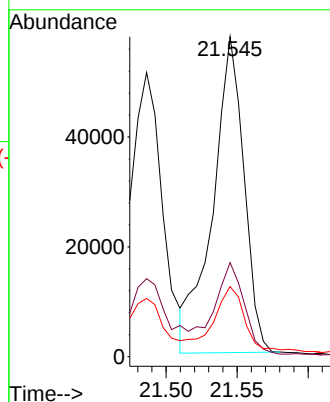
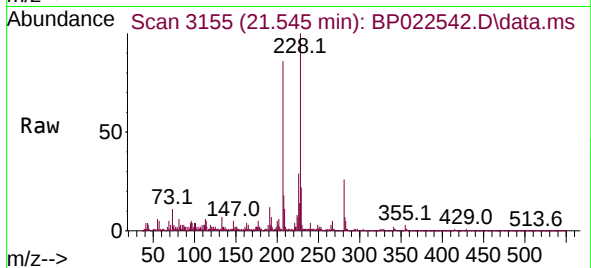
Tgt Ion:228	Resp: 8783
Ion Ratio	Lower Upper
228 100	
226 29.4	23.8 35.8
229 21.9	15.5 23.3

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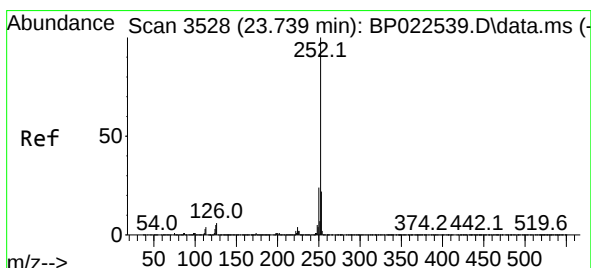
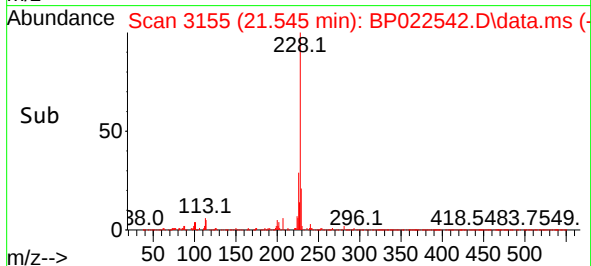
Supervised By :mohammad ahmed 10/25/2024



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Supervised By :mohammad ahmed

10/25/2024



#90

Benzo(b)fluoranthene

Concen: 2.006 ng/ul

RT: 23.721 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BP022542.D

Acq: 22 Oct 2024 18:27

Tgt Ion:252	Resp: 119694
Ion Ratio	Lower Upper
252 100	
253 24.1	17.8 26.8
125 7.4	5.0 7.4

