

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022620.D
 Acq On : 25 Oct 2024 21:20
 Operator : RC/JU
 Sample : P4436-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F37

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 23:11:13 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	7.652	152	77105	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	295803	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.263	164	234435	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.086	188	604177m	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	695974	20.000	ng/u1	0.00
88) Perylene-d12	24.780	264	846842	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	5317	2.680	ng/uL	-0.01
4) Pyridine-d5	3.599	84	73961	13.578	ng/u1	-0.01
7) Phenol-d5	6.846	99	119457	18.405	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	68071	17.844	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	89506	19.435	ng/u1	-0.01
15) 4-Methylphenol-d8	8.357	113	104256	20.128	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	46594	20.486	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	56177	21.334	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	115684	20.671	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	113712	17.195	ng/u1	-0.01
46) Dimethylphthalate-d6	13.675	166	421338	22.620	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	433598	21.917	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	58679m	18.778	ng/u1	0.00
60) Fluorene-d10	15.281	176	381700	23.626	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.422	200	66287m	16.682	ng/u1	0.00
73) Anthracene-d10	17.175	188	667219	23.475	ng/u1	0.00
81) Pyrene-d10	19.557	212	896772	24.366	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.551	264	1113483	24.621	ng/u1	0.02
Target Compounds						
8) Phenol	6.875	94	7939	1.176	ng/u1	92
80) Fluoranthene	19.210	202	105842	2.502	ng/u1	97
82) Pyrene	19.592	202	95446	2.105	ng/u1	99
87) Chrysene	21.551	228	55216	1.221	ng/u1	94
90) Benzo(b)fluoranthene	23.739	252	78967	1.481	ng/u1	98
93) Benzo(a)pyrene	24.621	252	51671	1.053	ng/u1#	94

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

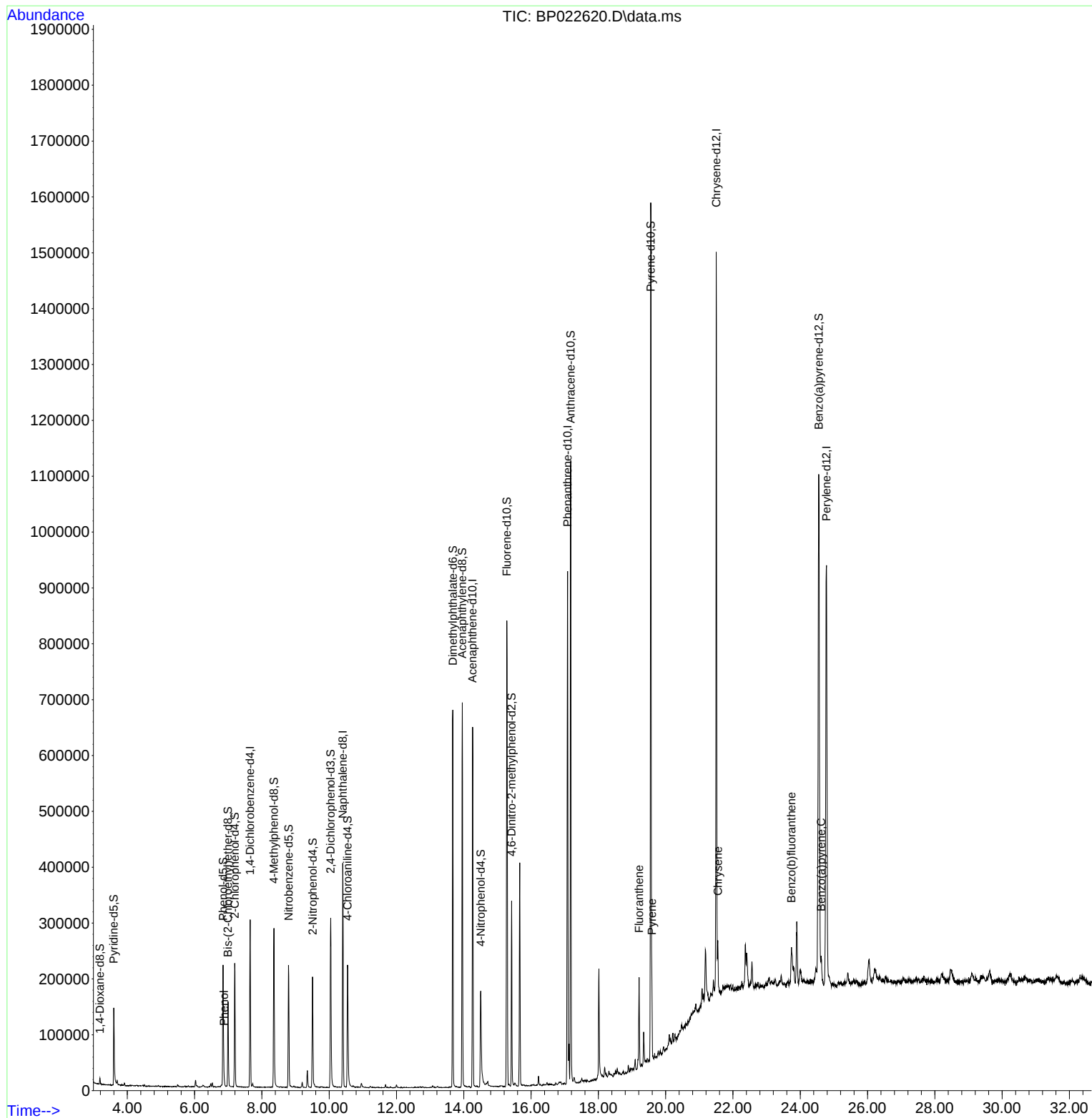
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
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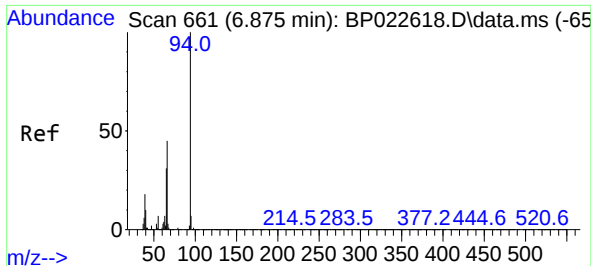
Instrument :
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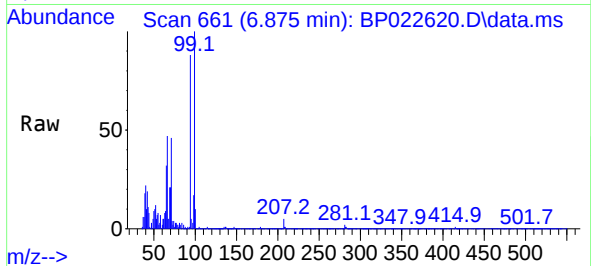
Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024





#8
Phenol
Concen: 1.176 ng/u1
RT: 6.875 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP022620.D
Acq: 25 Oct 2024 21:20

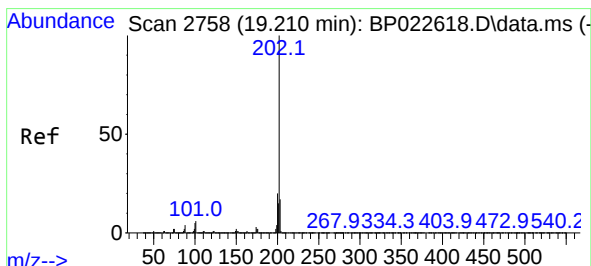
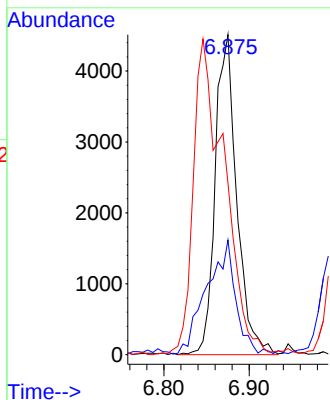
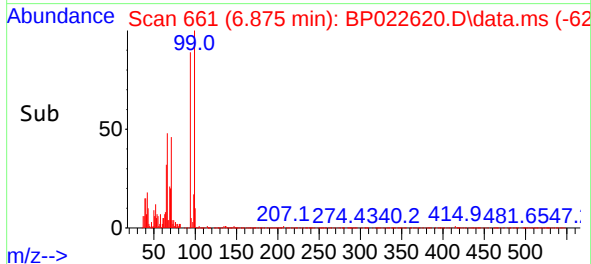
Instrument :
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ClientSampleId :
A4F37



Tgt Ion: 94 Resp: 7939
Ion Ratio Lower Upper
94 100
65 35.9 25.9 38.9
66 53.7 37.6 56.4

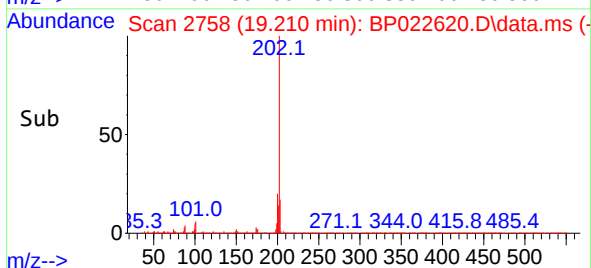
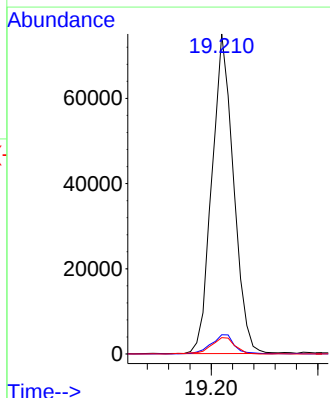
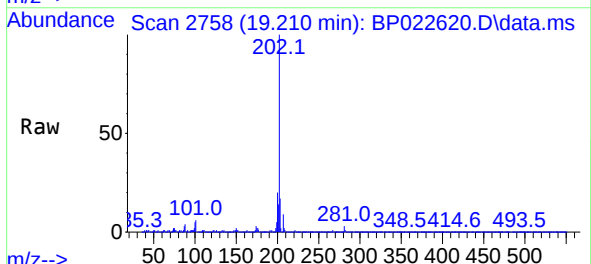
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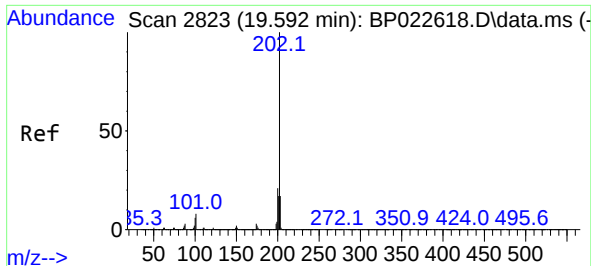
Reviewed By :Yogesh Patel 10/26/2024
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#80
Fluoranthene
Concen: 2.502 ng/u1
RT: 19.210 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP022620.D
Acq: 25 Oct 2024 21:20

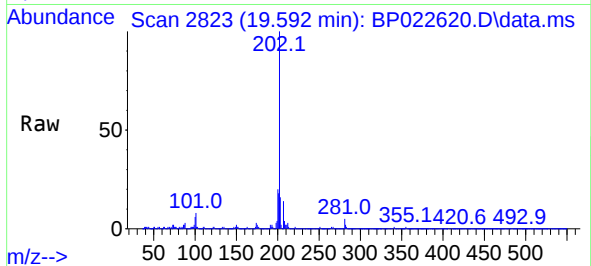
Tgt Ion:202 Resp: 105842
Ion Ratio Lower Upper
202 100
101 6.0 5.8 8.8
100 5.1 4.5 6.7





#82
Pyrene
Concen: 2.105 ng/u1
RT: 19.592 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP022620.D
Acq: 25 Oct 2024 21:20

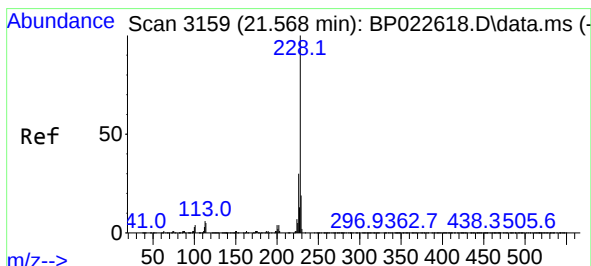
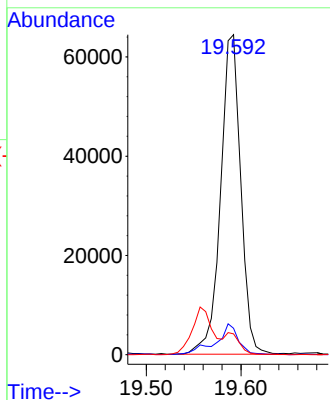
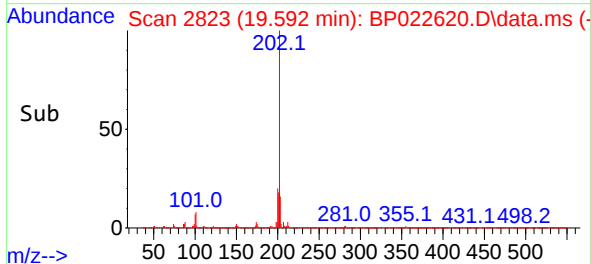
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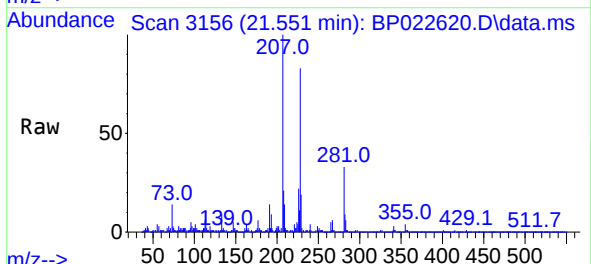
Tgt Ion:202 Resp: 95440
Ion Ratio Lower Upper
202 100
101 8.3 6.7 10.1
100 6.5 5.8 8.6

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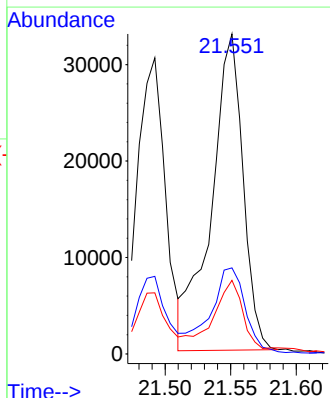
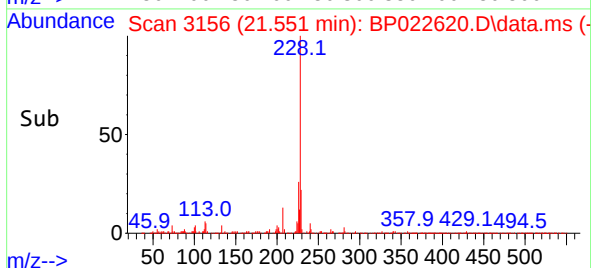
Reviewed By :Yogesh Patel 10/26/2024
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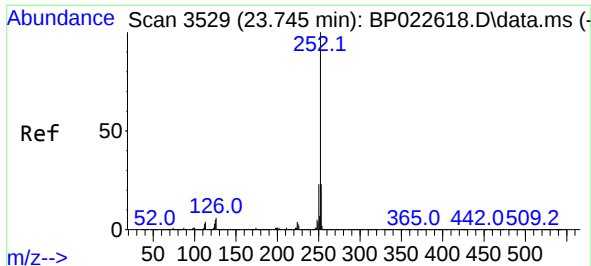


#87
Chrysene
Concen: 1.221 ng/u1
RT: 21.551 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP022620.D
Acq: 25 Oct 2024 21:20



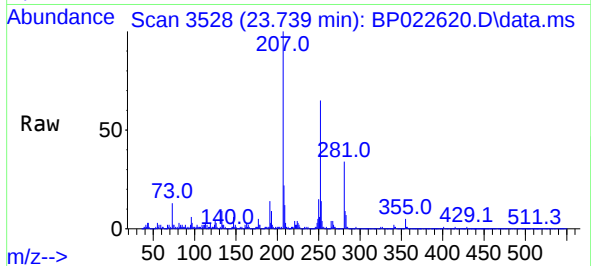
Tgt Ion:228 Resp: 55216
Ion Ratio Lower Upper
228 100
226 26.9 23.8 35.8
229 23.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 1.481 ng/u1
RT: 23.739 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP022620.D
Acq: 25 Oct 2024 21:20

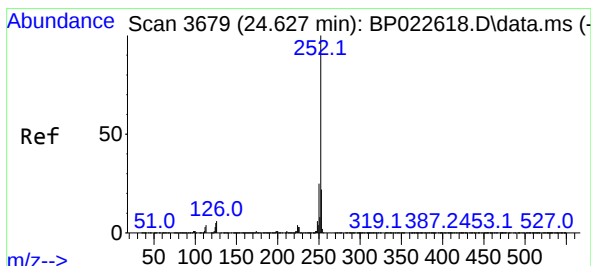
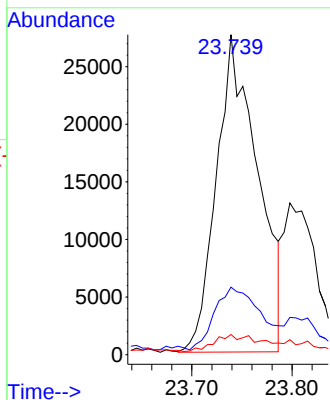
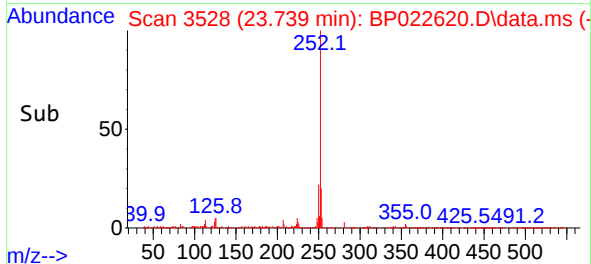
Instrument :
BNA_P
ClientSampleId :
A4F37



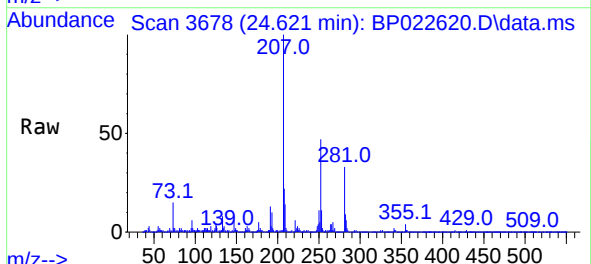
Tgt Ion:252 Resp: 7896
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 6.3 5.0 7.4

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Supervised By :mohammad ahmed 10/29/2024



#93
Benzo(a)pyrene
Concen: 1.053 ng/u1
RT: 24.621 min Scan# 3678
Delta R.T. 0.018 min
Lab File: BP022620.D
Acq: 25 Oct 2024 21:20



Tgt Ion:252 Resp: 51671
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 9.2 4.9 7.3#

