

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
 Data File : BP022252.D
 Acq On : 05 Oct 2024 07:26
 Operator : RC/JU
 Sample : P4083-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EL3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 06 00:27:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 05:25:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	162679	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	615701	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	465166	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1044524	20.000	ng/u1	0.01
79) Chrysene-d12	21.533	240	1018648	20.000	ng/u1	0.00
88) Perylene-d12	24.804	264	1205502	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	10497	2.527	ng/uL	0.00
4) Pyridine-d5	3.634	84	145072	12.220	ng/u1	0.00
7) Phenol-d5	6.881	99	212330	15.956	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	133466	16.288	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	172645	17.931	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	164636	15.613	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	85393	18.530	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	101490	19.424	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	213218	18.790	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	211015	15.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	700018	19.468	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	768500	20.186	ng/u1	0.01
54) 4-Nitrophenol-d4	14.522	143	68625	11.157	ng/u1	0.00
60) Fluorene-d10	15.316	176	628013	19.745	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.434	200	74951	11.558	ng/u1	0.00
73) Anthracene-d10	17.198	188	1012157	20.757	ng/u1	0.00
81) Pyrene-d10	19.580	212	1216915	23.059	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.574	264	1323483	20.873	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.227	202	131491	2.180	ng/u1	100
82) Pyrene	19.604	202	132006	2.033	ng/u1	99
85) Benzo(a)anthracene	21.510	228	73054	1.041	ng/u1	96
87) Chrysene	21.580	228	81640m	1.239	ng/u1	
90) Benzo(b)fluoranthene	23.774	252	98894	1.322	ng/u1#	97
93) Benzo(a)pyrene	24.645	252	69607	1.009	ng/u1#	97

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

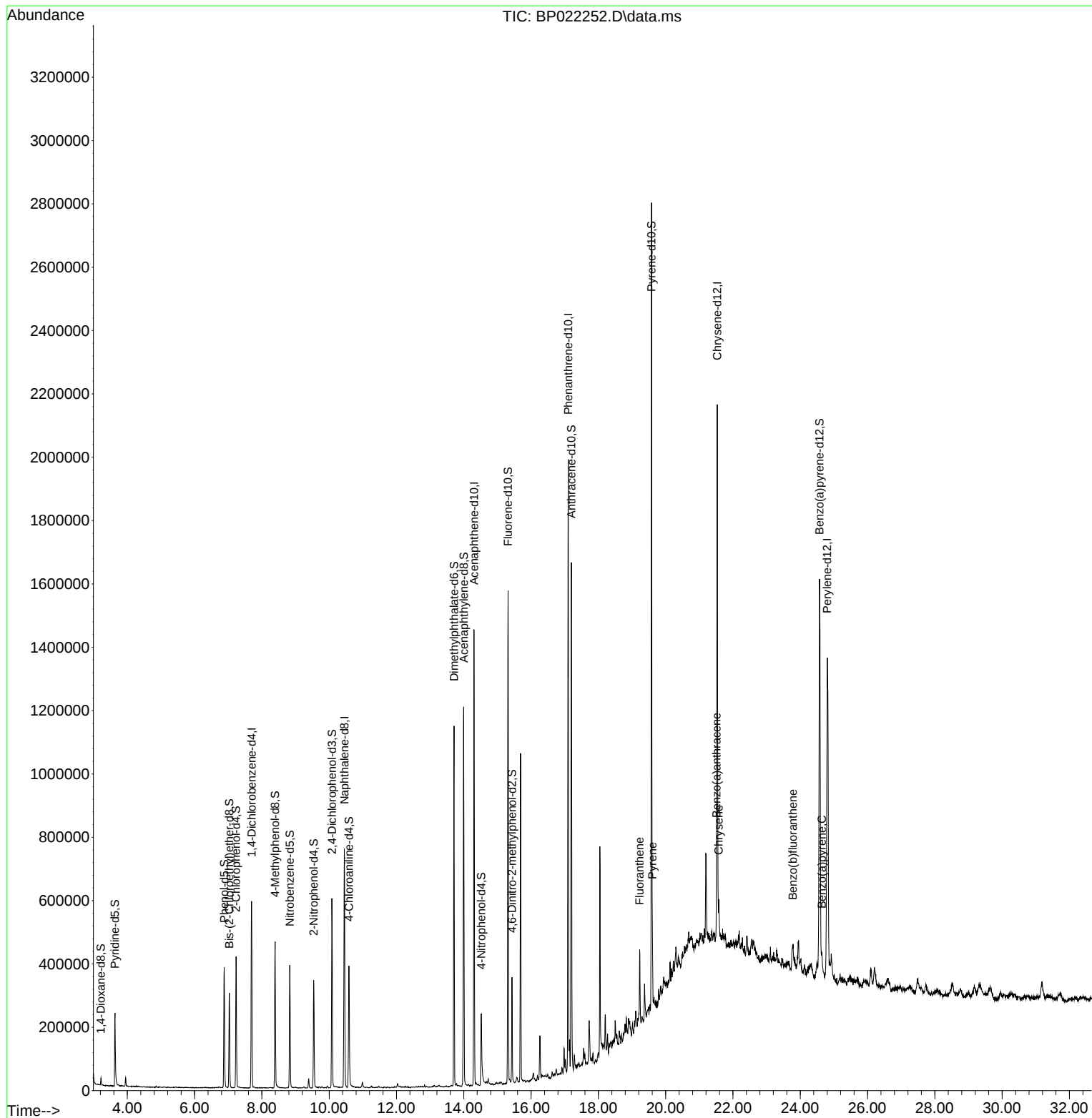
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
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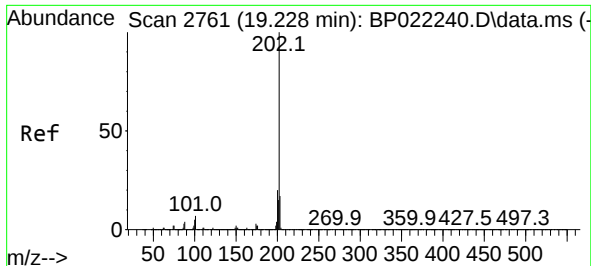
Instrument :
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ClientSampleId :
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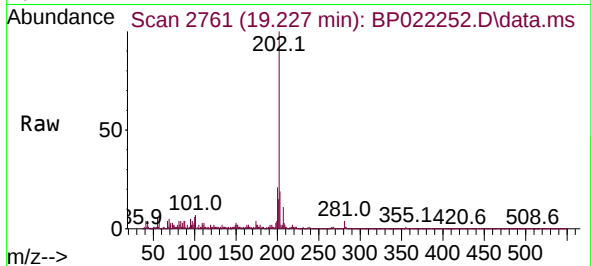
Quant Time: Oct 06 00:27:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 05:25:28 2024
Response via : Initial Calibration





#80
Fluoranthene
Concen: 2.180 ng/u1
RT: 19.227 min Scan# 2761
Delta R.T. 0.006 min
Lab File: BP022252.D
Acq: 05 Oct 2024 07:26

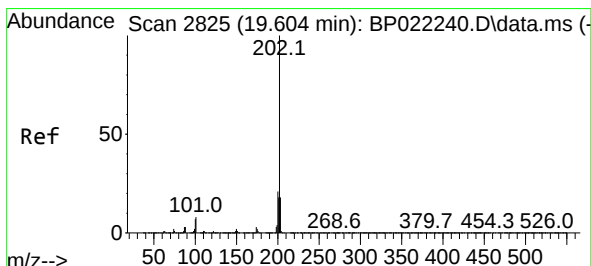
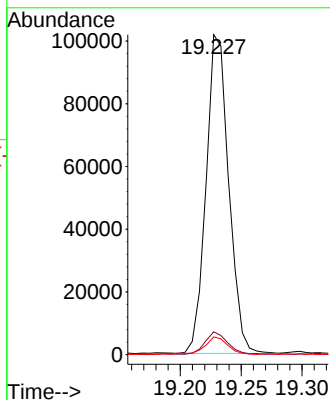
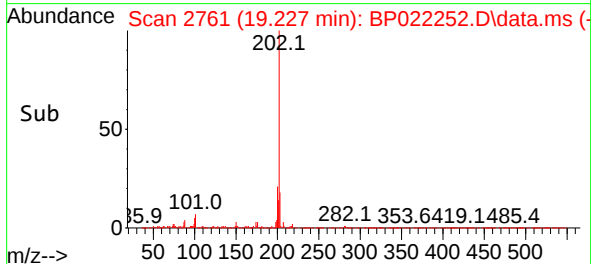
Instrument :
BNA_P
ClientSampleId :
A4EL3



Tgt Ion:202 Resp: 13149
Ion Ratio Lower Upper
202 100
101 7.1 5.8 8.6
100 5.5 4.6 7.0

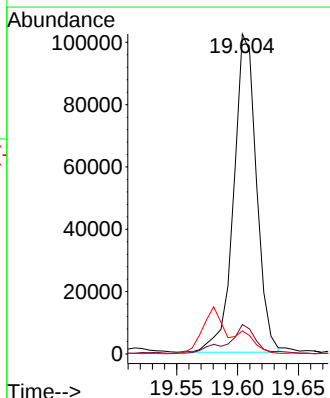
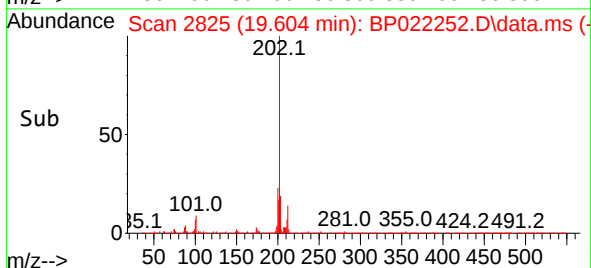
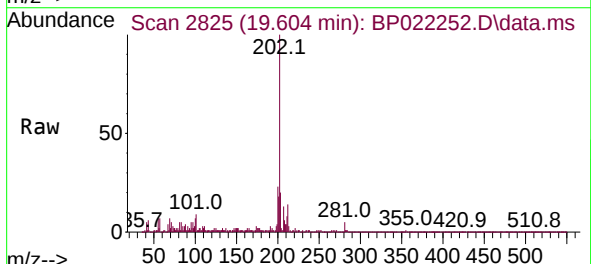
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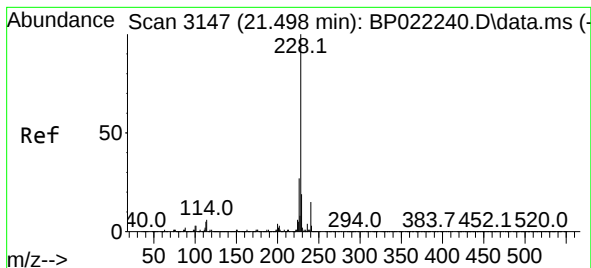
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#82
Pyrene
Concen: 2.033 ng/u1
RT: 19.604 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BP022252.D
Acq: 05 Oct 2024 07:26

Tgt Ion:202 Resp: 132006
Ion Ratio Lower Upper
202 100
101 9.2 7.4 11.0
100 7.2 6.2 9.2





#85

Benzo(a)anthracene

Concen: 1.041 ng/ul

RT: 21.510 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BP022252.D

Acq: 05 Oct 2024 07:26

Instrument :

BNA_P

ClientSampleId :

A4EL3

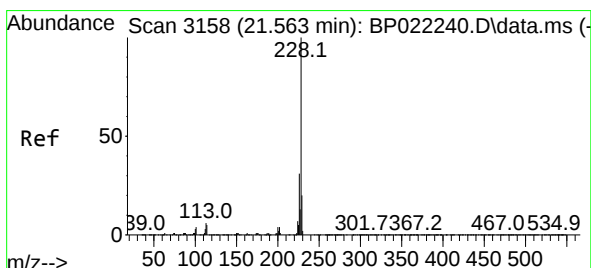
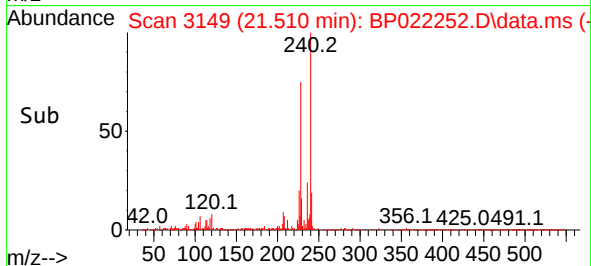
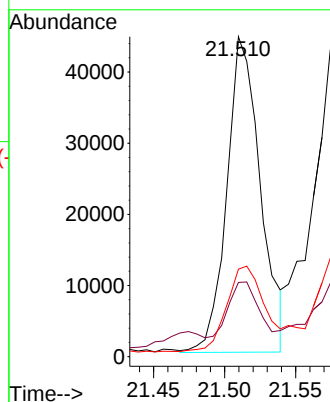
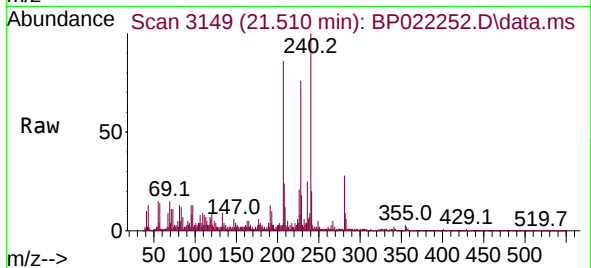
Tgt Ion:	228	Resp:	73054
Ion Ratio	Lower	Upper	
228	100		
229	23.2	15.7	23.5
226	27.3	21.4	32.2

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#87

Chrysene

Concen: 1.239 ng/ul m

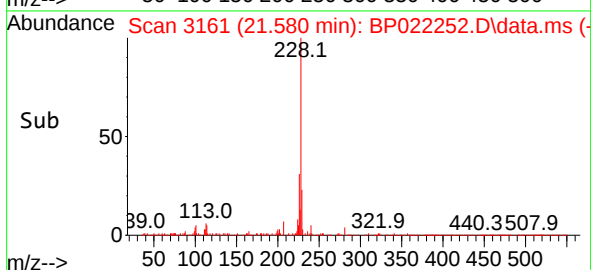
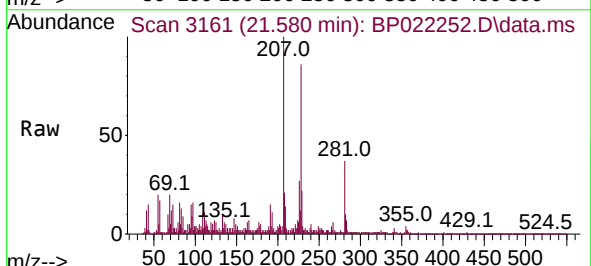
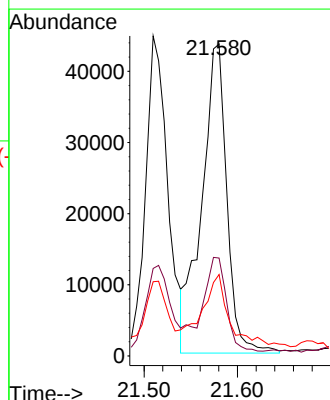
RT: 21.580 min Scan# 3161

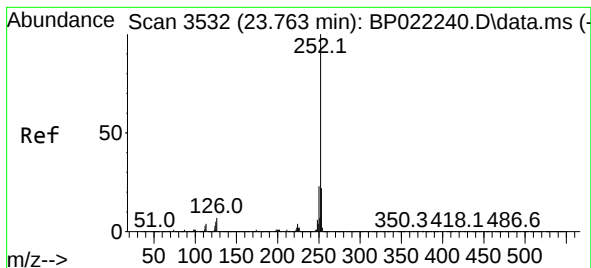
Delta R.T. 0.006 min

Lab File: BP022252.D

Acq: 05 Oct 2024 07:26

Tgt Ion:	228	Resp:	81640
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.6	35.4
229	26.1	15.7	23.5





#90

Benzo(b)fluoranthene

Concen: 1.322 ng/u1

RT: 23.774 min Scan# 3534

Delta R.T. 0.018 min

Lab File: BP022252.D

Acq: 05 Oct 2024 07:26

Instrument :

BNA_P

ClientSampleId :

A4EL3

Tgt Ion:252 Resp: 98894

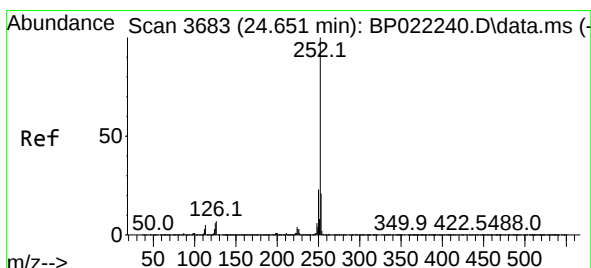
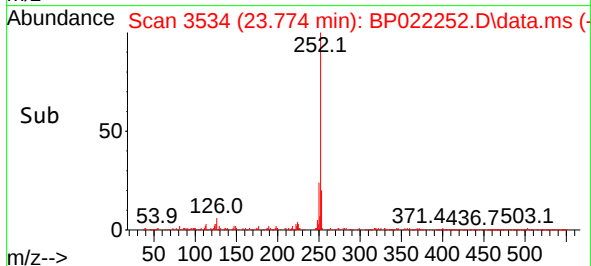
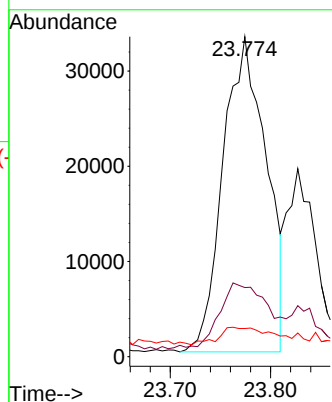
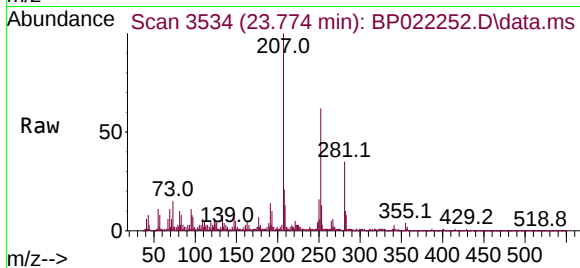
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.8	4.8	7.2

Manual Integrations

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Supervised By :mohammad ahmed 10/06/2024



#93

Benzo(a)pyrene

Concen: 1.009 ng/u1

RT: 24.645 min Scan# 3682

Delta R.T. -0.000 min

Lab File: BP022252.D

Acq: 05 Oct 2024 07:26

Tgt Ion:252 Resp: 69607

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.1	4.8	7.2

