

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020744.D
 Acq On : 02 Jul 2024 10:09
 Operator : MA/JU
 Sample : P2963-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CR0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 12:21:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	211893	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.505	136	784612	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.369	164	451461	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	875271	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	884088	20.000	ng/u1	0.00
88) Perylene-d12	24.986	264	1034948	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	18264	3.701	ng/uL	0.00
4) Pyridine-d5	3.699	84	14955m	1.040	ng/u1	0.01
7) Phenol-d5	6.922	99	392987	22.613	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	257478	23.370	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	343255	24.167	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	253120	17.933	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	158943	27.438	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	182085	31.410	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	306479	25.666	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	70076	4.188	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	949450	30.247	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1042147	27.824	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.598	143	105361	21.968	ng/u1	0.00
60) Fluorene-d10	15.381	176	761123	28.815	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	106245	24.087	ng/u1	0.00
73) Anthracene-d10	17.287	188	1103831	28.100	ng/u1	0.00
81) Pyrene-d10	19.669	212	1206011	22.707	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.763	264	1012680	20.115	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.228	178	362817	7.916	ng/u1	100
74) Anthracene	17.322	178	73681	1.563	ng/u1	100
80) Fluoranthene	19.322	202	625517	9.642	ng/u1	99
82) Pyrene	19.698	202	445284	6.692	ng/u1	99
85) Benzo(a)anthracene	21.610	228	301302	4.862	ng/u1	97
87) Chrysene	21.686	228	319051	5.447	ng/u1	99
90) Benzo(b)fluoranthene	23.921	252	436769	6.966	ng/u1	97
91) Benzo(k)fluoranthene	23.986	252	125303	1.976	ng/u1	96
93) Benzo(a)pyrene	24.833	252	160184	2.706	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.774	276	144997m	1.910	ng/u1	

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

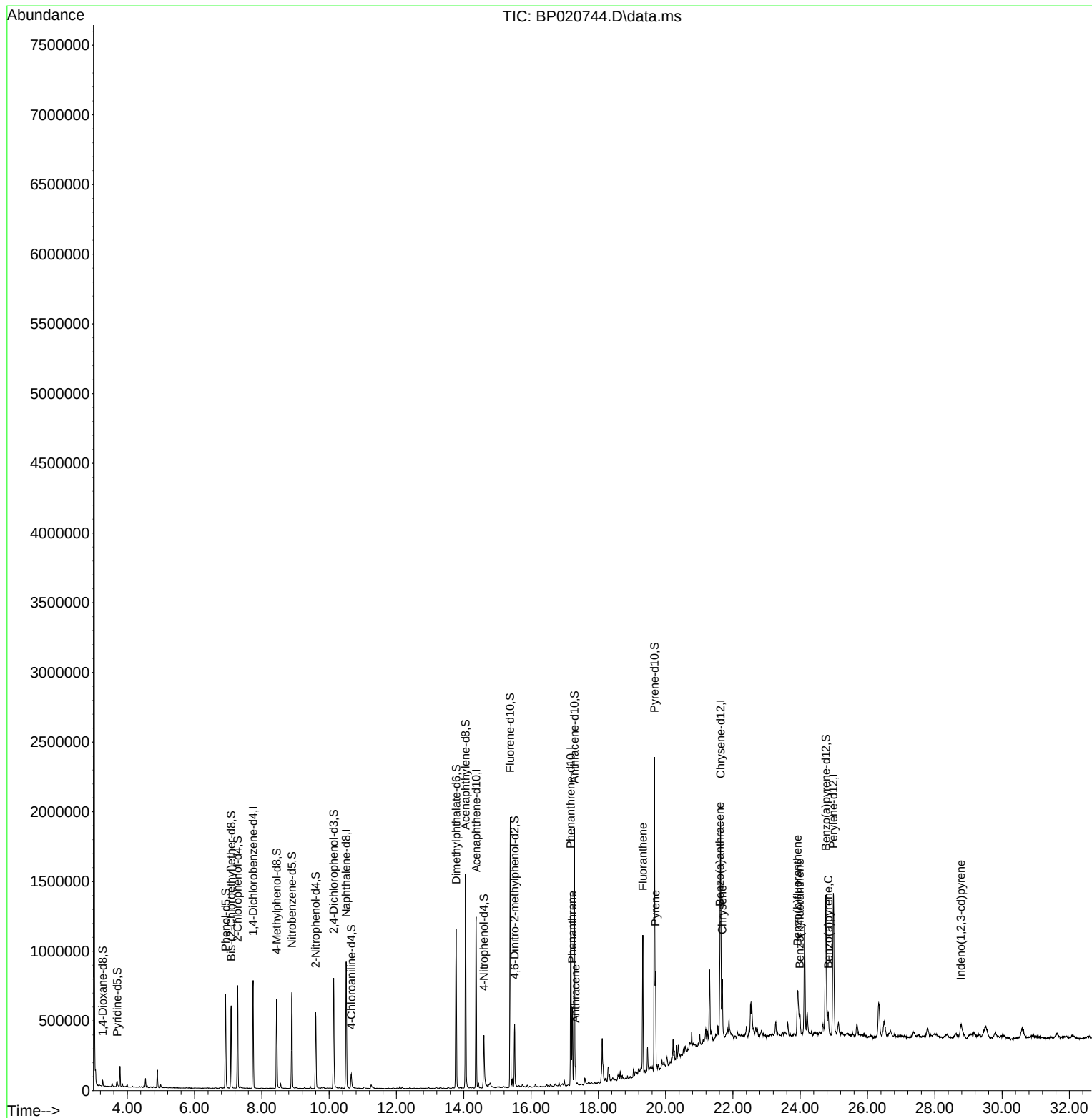
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020744.D
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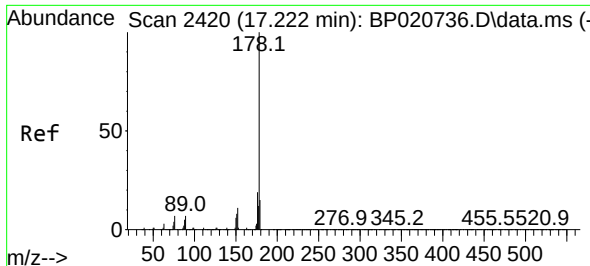
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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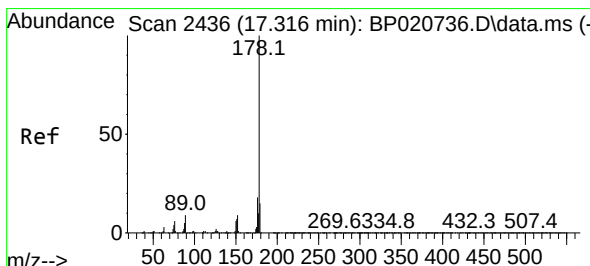
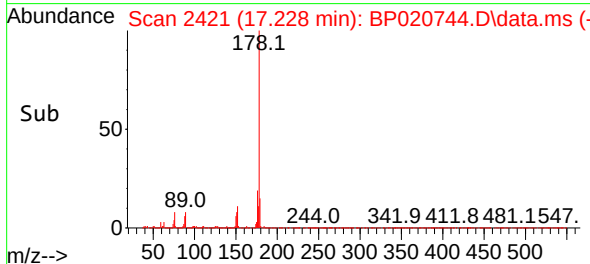
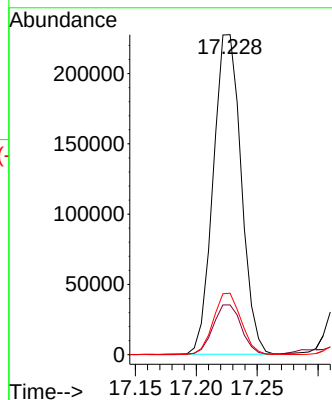
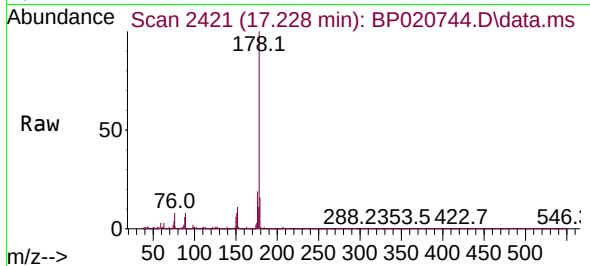
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Phenanthrene
Concen: 7.916 ng/ul
RT: 17.228 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP020744.D
Acq: 02 Jul 2024 10:09

Instrument :
BNA_P
ClientSampleId :
A4CR0

Tgt Ion:178 Resp: 36281
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.2 15.4 23.2

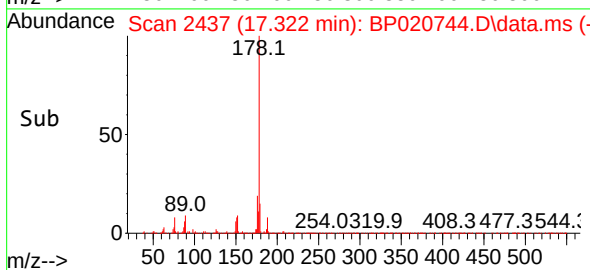
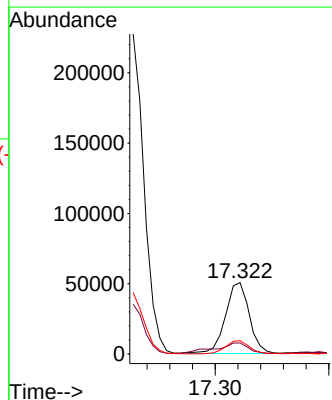
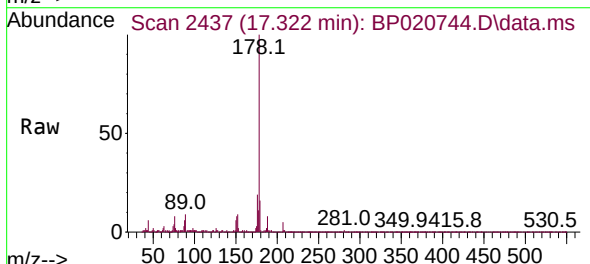
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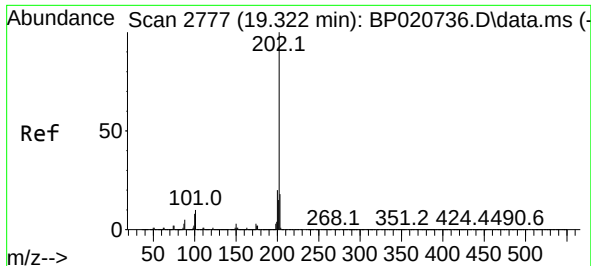
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#74
Anthracene
Concen: 1.563 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BP020744.D
Acq: 02 Jul 2024 10:09

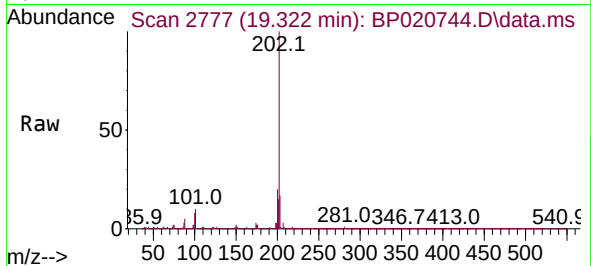
Tgt Ion:178 Resp: 73681
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.7 15.0 22.4





#80
Fluoranthene
Concen: 9.642 ng/ul
RT: 19.322 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BP020744.D
Acq: 02 Jul 2024 10:09

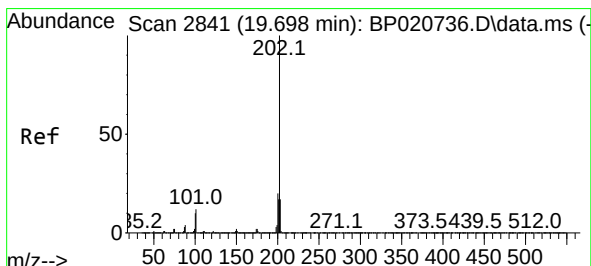
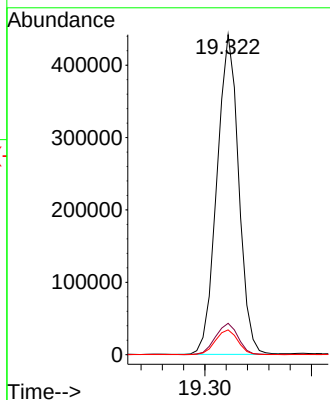
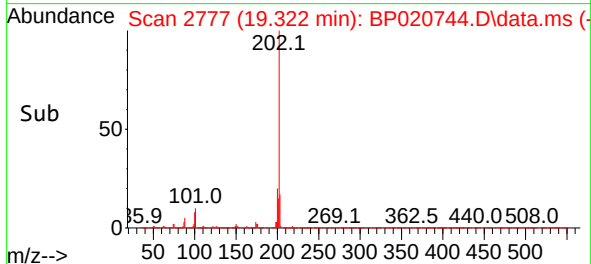
Instrument :
BNA_P
ClientSampleId :
A4CR0



Tgt Ion:202 Resp: 62551
Ion Ratio Lower Upper
202 100
101 9.8 8.2 12.4
100 7.7 6.6 10.0

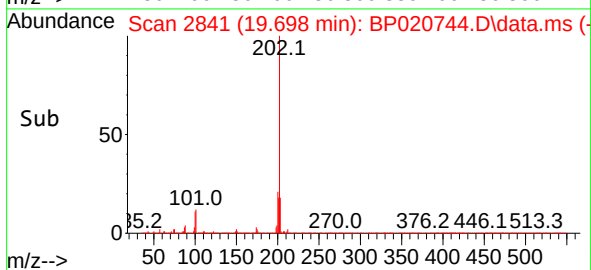
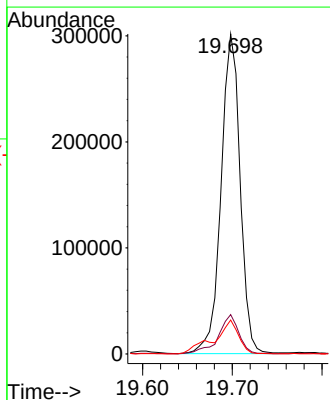
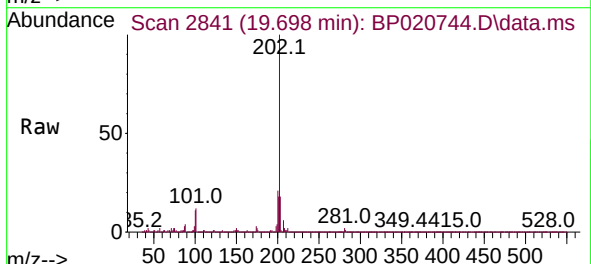
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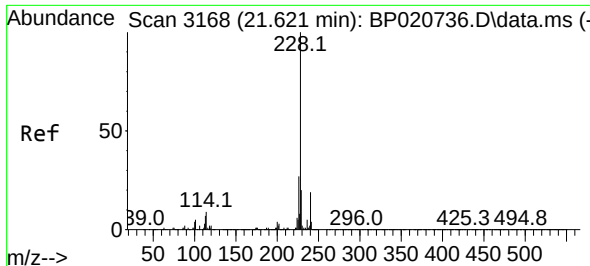
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 6.692 ng/ul
RT: 19.698 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BP020744.D
Acq: 02 Jul 2024 10:09

Tgt Ion:202 Resp: 445284
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 10.6 7.9 11.9





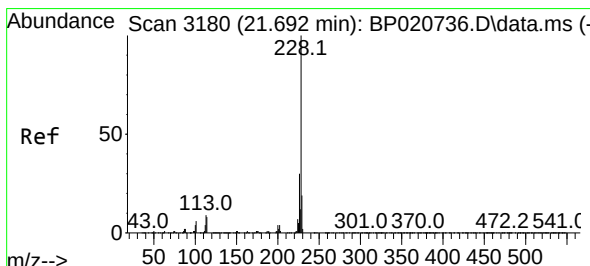
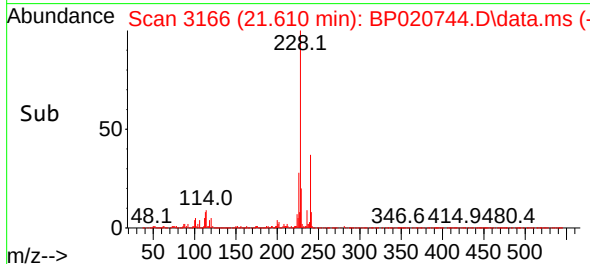
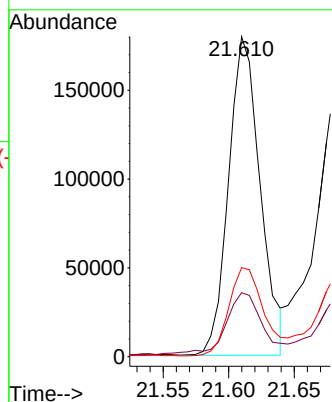
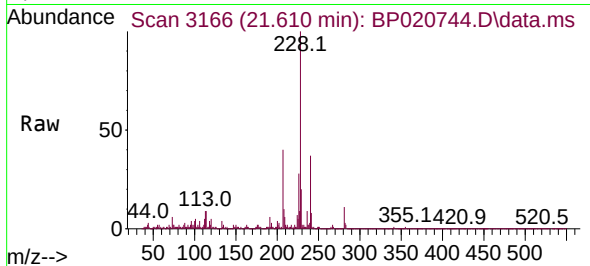
#85
Benzo(a)anthracene
Concen: 4.862 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BP020744.D
Acq: 02 Jul 2024 10:09

Instrument :
BNA_P
ClientSampleId :
A4CR0

Tgt Ion:228 Resp: 30130
Ion Ratio Lower Upper
228 100
229 20.0 15.2 22.8
226 27.9 21.1 31.7

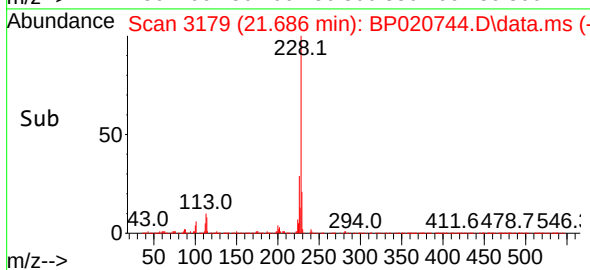
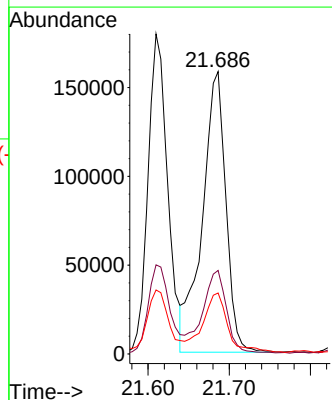
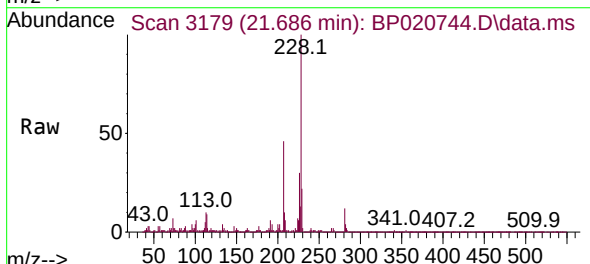
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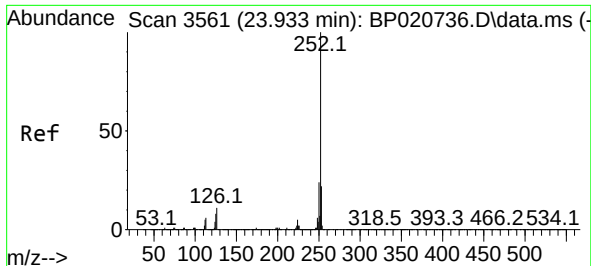
Reviewed By :Jagrut Upadhyay 07/02/2024
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#87
Chrysene
Concen: 5.447 ng/ul
RT: 21.686 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP020744.D
Acq: 02 Jul 2024 10:09

Tgt Ion:228 Resp: 319051
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 21.6 16.1 24.1





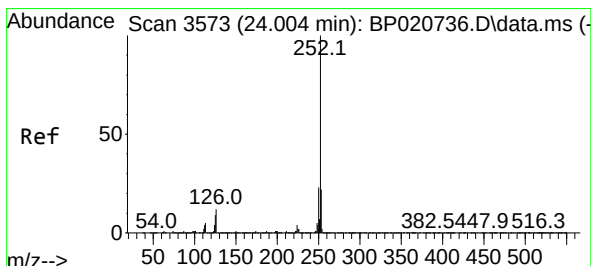
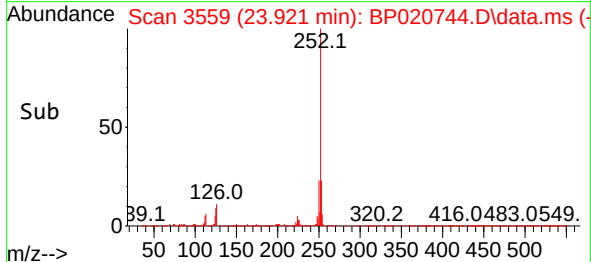
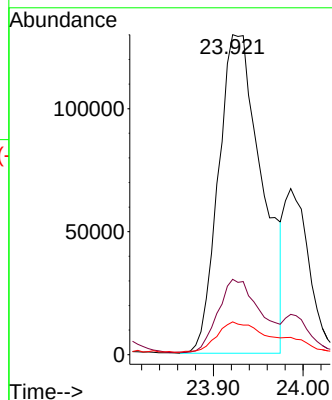
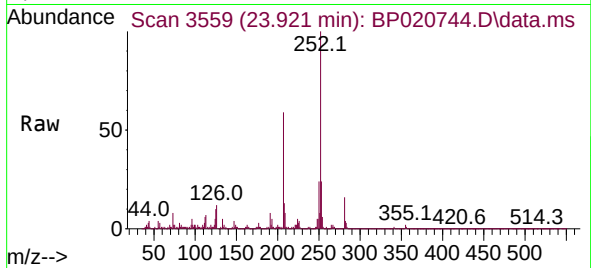
#90
Benzo(b)fluoranthene
Concen: 6.966 ng/ul
RT: 23.921 min Scan# 3559
Delta R.T. -0.018 min
Lab File: BP020744.D
Acq: 02 Jul 2024 10:09

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BNA_P
ClientSampleId :
A4CR0

Tgt Ion:252 Resp: 436769
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 10.3 7.9 11.9

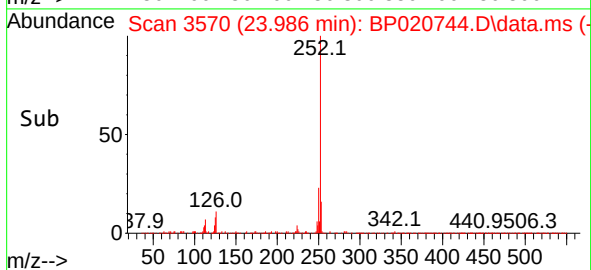
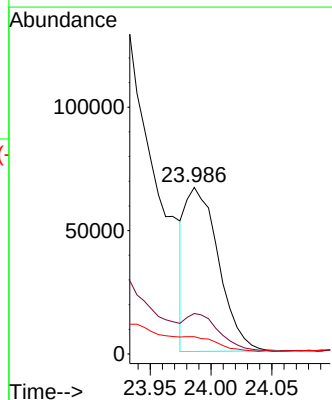
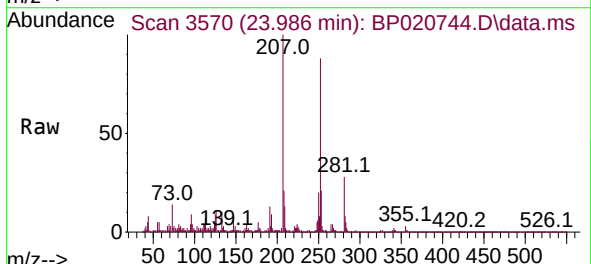
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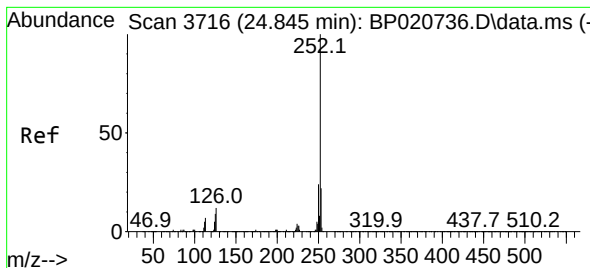
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 1.976 ng/ul
RT: 23.986 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BP020744.D
Acq: 02 Jul 2024 10:09

Tgt Ion:252 Resp: 125303
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 10.4 7.9 11.9





#93

Benzo(a)pyrene

Concen: 2.706 ng/ul

RT: 24.833 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020744.D

Acq: 02 Jul 2024 10:09

Instrument :

BNA_P

ClientSampleId :

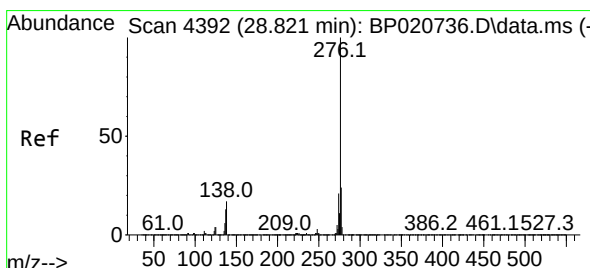
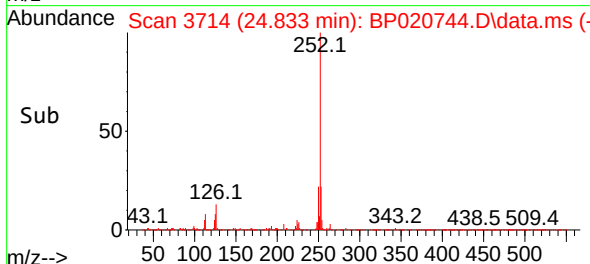
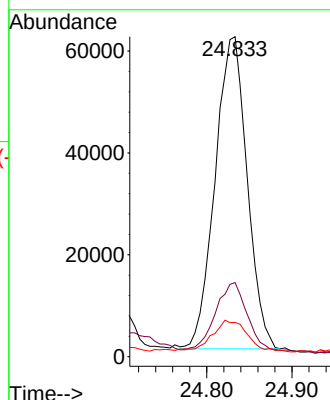
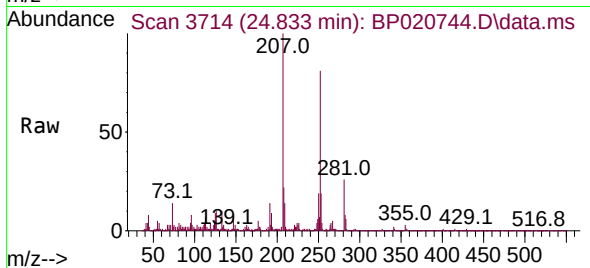
A4CR0

Tgt Ion:	252	Resp:	160184
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	10.7	8.7	13.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.910 ng/ul m

RT: 28.774 min Scan# 4384

Delta R.T. -0.041 min

Lab File: BP020744.D

Acq: 02 Jul 2024 10:09

Tgt Ion:	276	Resp:	144997
Ion Ratio	Lower	Upper	
276	100		
138	20.4	15.2	22.8
277	26.9	19.0	28.4

