

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020764.D
 Acq On : 03 Jul 2024 00:20
 Operator : MA/JU
 Sample : P3065-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CD7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 01:10:05 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	221167	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	920497	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.369	164	600129	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.181	188	1170410	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	838323	20.000	ng/u1	0.00
88) Perylene-d12	24.998	264	990307	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	16431	3.190	ng/uL	0.00
4) Pyridine-d5	3.705	84	10971m	0.731	ng/u1	0.02
7) Phenol-d5	6.928	99	414892	22.872	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	250561	21.788	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	346362	23.363	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	349098	23.695	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	172318	25.356	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	196365	28.873	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	353782	25.254	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	238768	12.162	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1080418	25.893	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	1214604	24.395	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	135335	21.228	ng/u1	0.00
60) Fluorene-d10	15.381	176	902276	25.697	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	105685	17.918	ng/u1	0.01
73) Anthracene-d10	17.281	188	1327552	25.273	ng/u1	0.00
81) Pyrene-d10	19.663	212	1142176	22.679	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	783858	16.272	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.222	178	200196	3.266	ng/u1	98
80) Fluoranthene	19.316	202	369048	5.999	ng/u1	100
82) Pyrene	19.698	202	250633	3.972	ng/u1	97
85) Benzo(a)anthracene	21.616	228	155617	2.648	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.551	149	96012	2.640	ng/u1#	99
87) Chrysene	21.680	228	176093	3.171	ng/u1	97
90) Benzo(b)fluoranthene	23.916	252	254708	4.246	ng/u1	95
91) Benzo(k)fluoranthene	23.986	252	72825m	1.200	ng/u1	
93) Benzo(a)pyrene	24.821	252	80781	1.426	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.768	276	87828m	1.209	ng/u1	

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

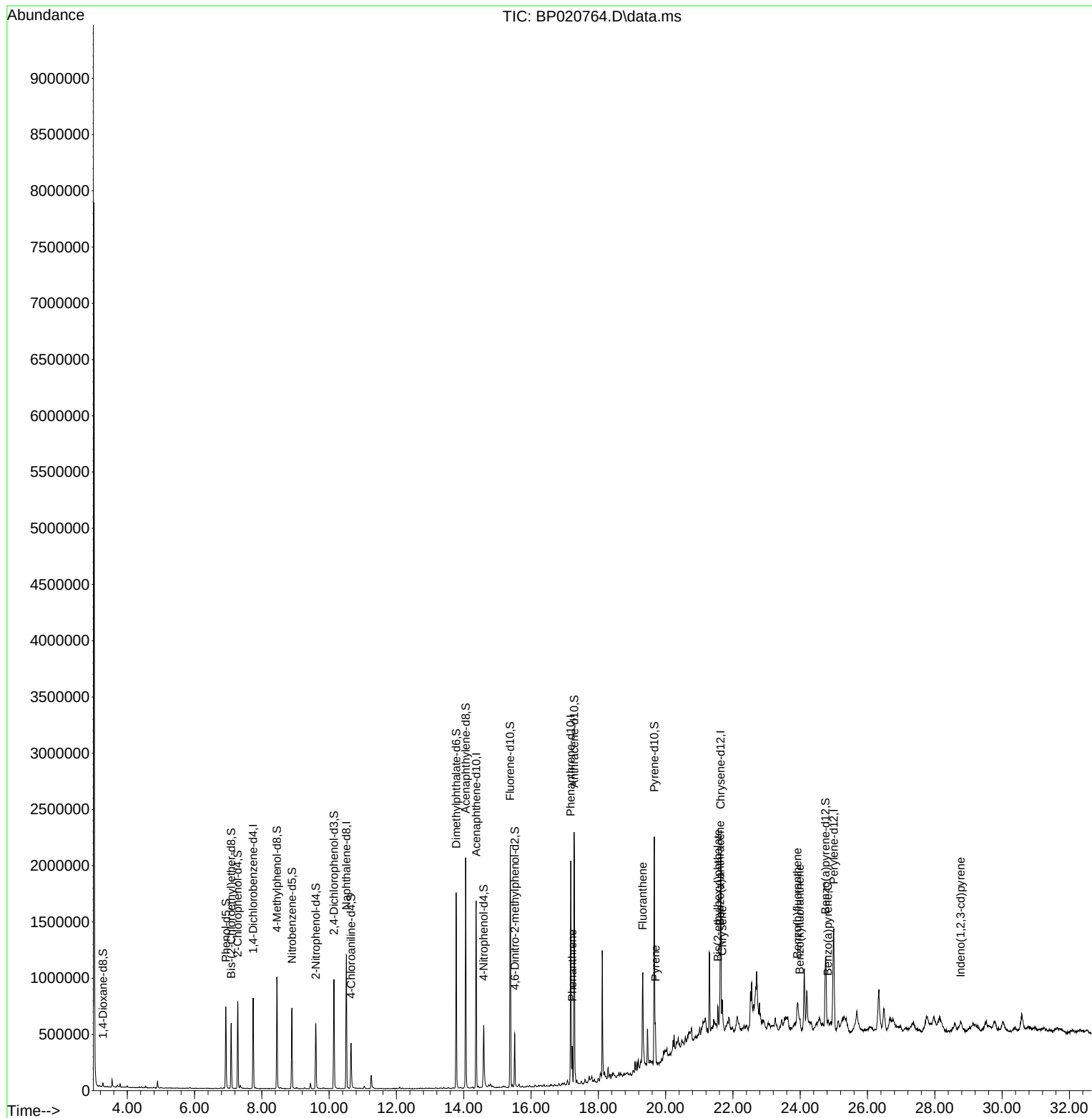
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020764.D
Acq On : 03 Jul 2024 00:20
Operator : MA/JU
Sample : P3065-09
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ALS Vial : 54 Sample Multiplier: 1

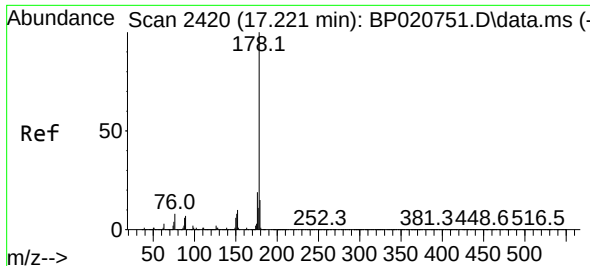
Instrument :
BNA_P
ClientSampleId :
A4CD7

Quant Time: Jul 03 01:10:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
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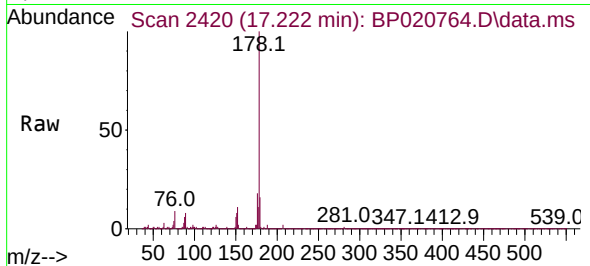
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024





#72
Phenanthrene
Concen: 3.266 ng/ul
RT: 17.222 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP020764.D
Acq: 03 Jul 2024 00:20

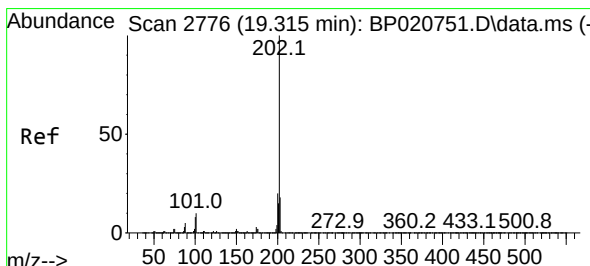
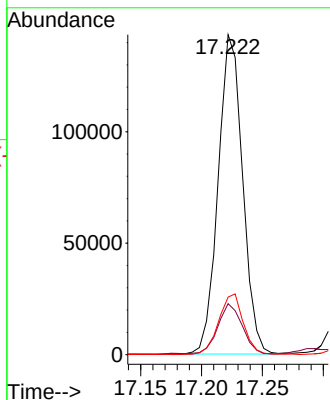
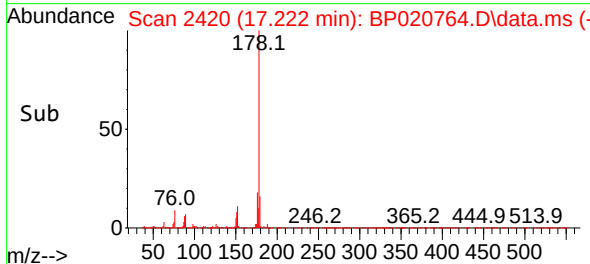
Instrument :
BNA_P
ClientSampleId :
A4CD7



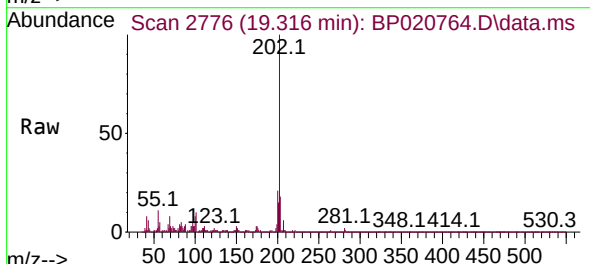
Tgt Ion:178 Resp: 200190
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 18.0 15.4 23.2

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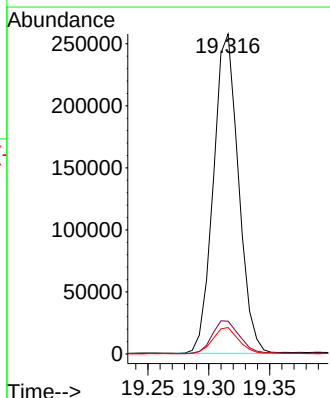
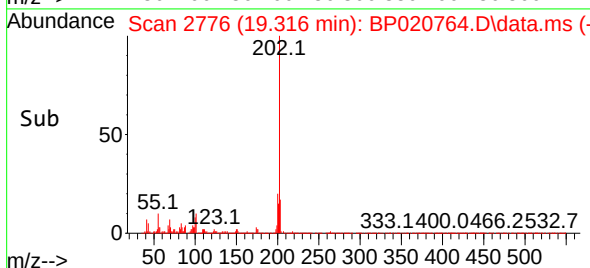
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

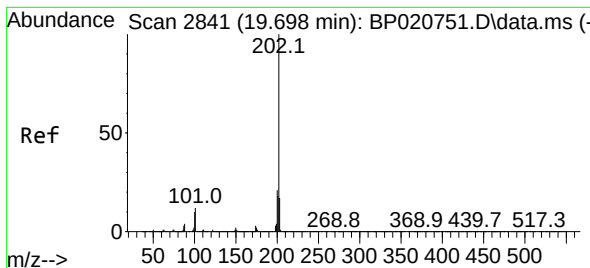


#80
Fluoranthene
Concen: 5.999 ng/ul
RT: 19.316 min Scan# 2776
Delta R.T. -0.006 min
Lab File: BP020764.D
Acq: 03 Jul 2024 00:20



Tgt Ion:202 Resp: 369048
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.4
100 8.2 6.6 10.0





#82

Pyrene

Concen: 3.972 ng/ul

RT: 19.698 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BP020764.D

Acq: 03 Jul 2024 00:20

Instrument :

BNA_P

ClientSampleId :

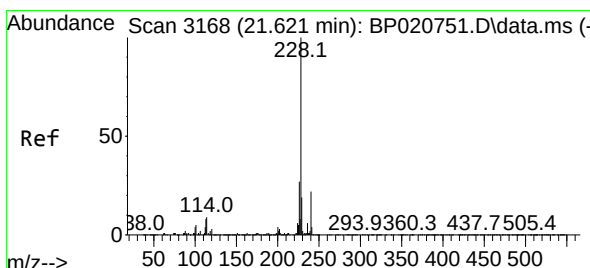
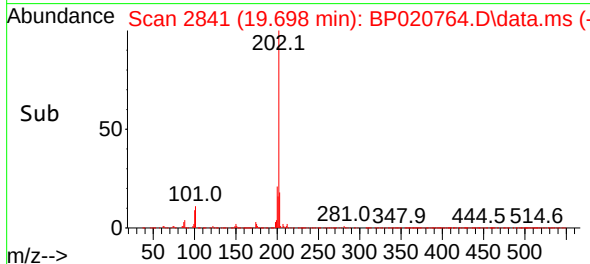
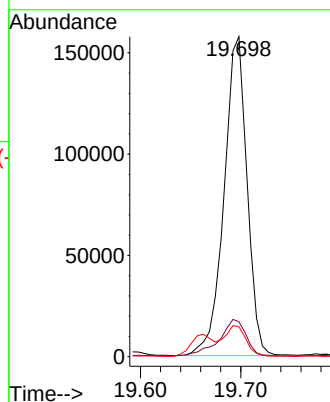
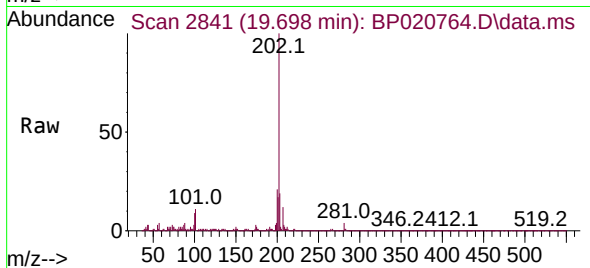
A4CD7

Tgt Ion:	202	Resp:	25063
Ion Ratio	Lower	Upper	
202	100		
101	10.9	9.8	14.8
100	9.4	7.9	11.9

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#85

Benzo(a)anthracene

Concen: 2.648 ng/ul

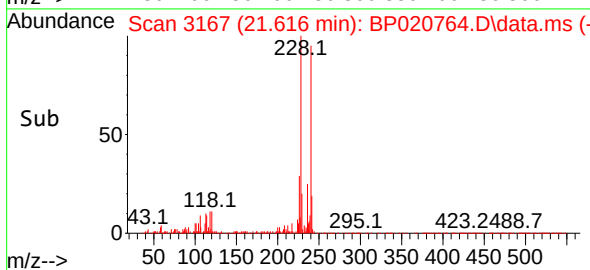
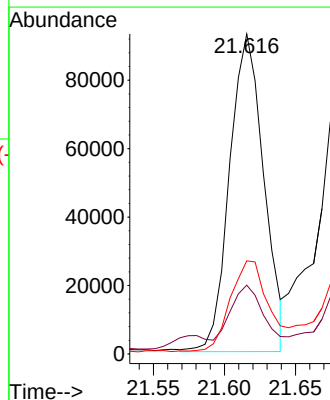
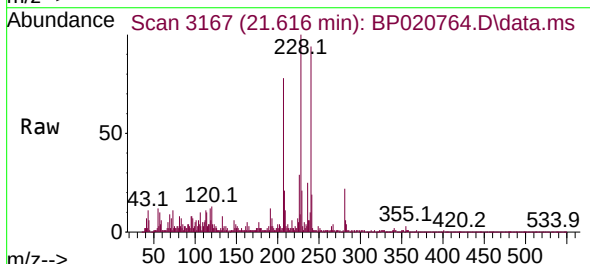
RT: 21.616 min Scan# 3167

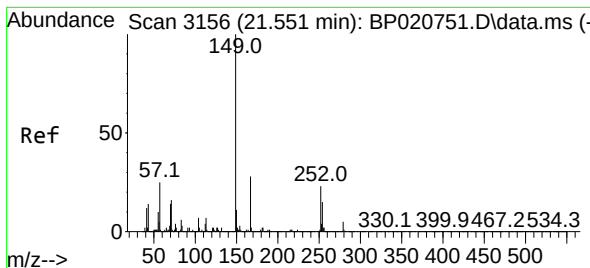
Delta R.T. -0.006 min

Lab File: BP020764.D

Acq: 03 Jul 2024 00:20

Tgt Ion:	228	Resp:	155617
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.2	22.8
226	29.1	21.1	31.7





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.640 ng/ul

RT: 21.551 min Scan# 3156

Delta R.T. -0.018 min

Lab File: BP020764.D

Acq: 03 Jul 2024 00:20

Instrument :

BNA_P

ClientSampleId :

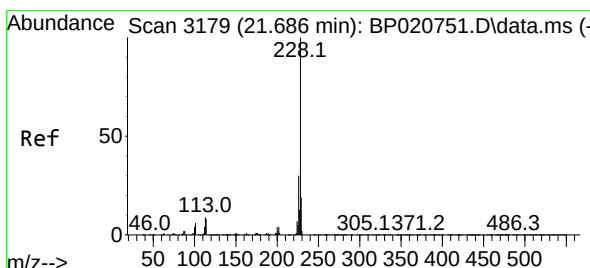
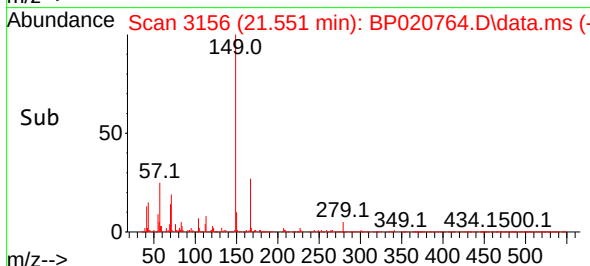
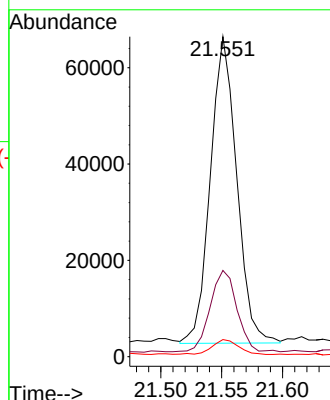
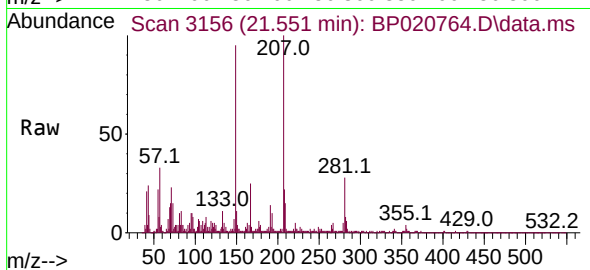
A4CD7

Tgt Ion:	149	Resp:	9601
Ion Ratio	Lower	Upper	
149	100		
167	27.0	22.0	33.0
279	5.4	3.3	4.9

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#87

Chrysene

Concen: 3.171 ng/ul

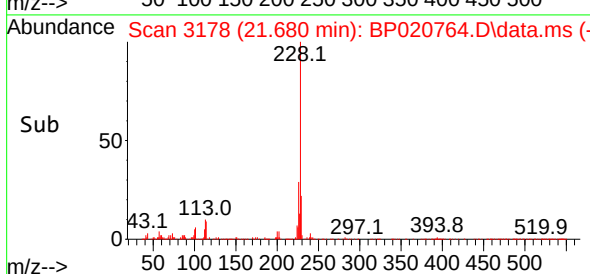
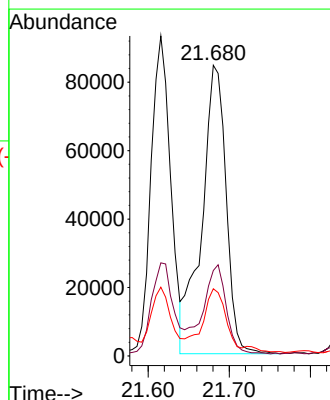
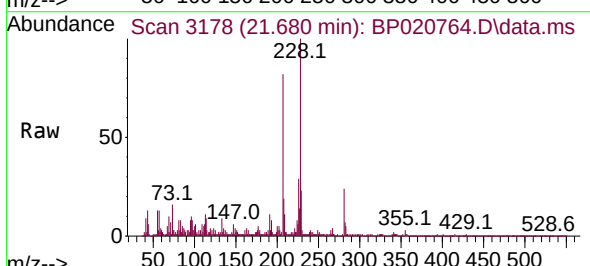
RT: 21.680 min Scan# 3178

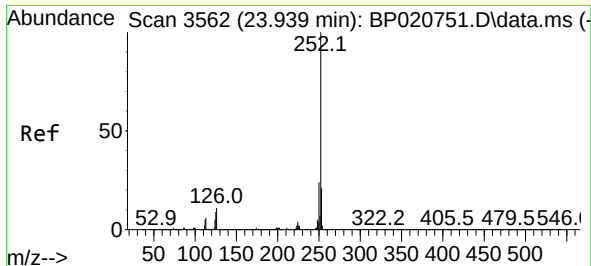
Delta R.T. -0.012 min

Lab File: BP020764.D

Acq: 03 Jul 2024 00:20

Tgt Ion:	228	Resp:	176093
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.8	35.6
229	23.1	16.1	24.1





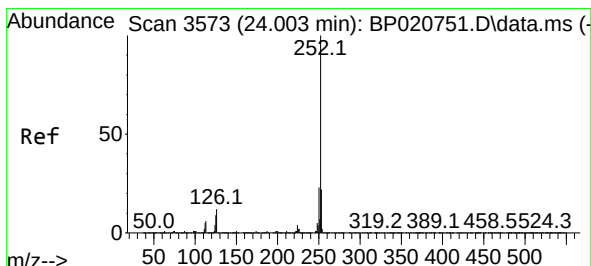
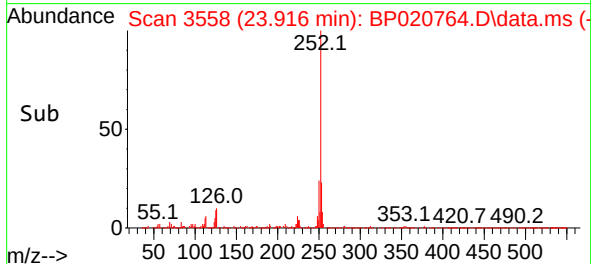
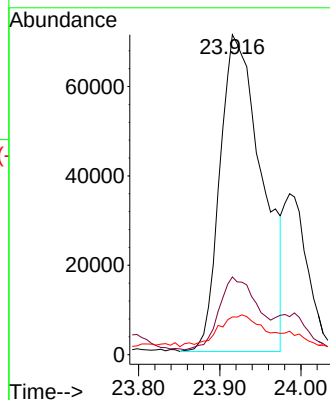
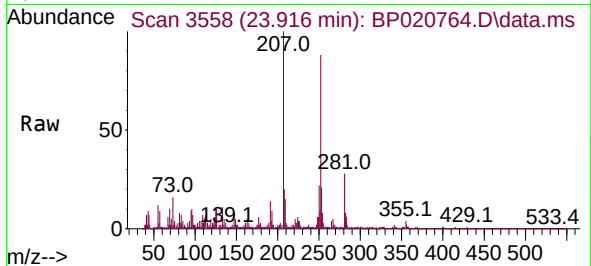
#90
Benzo(b)fluoranthene
Concen: 4.246 ng/ul
RT: 23.916 min Scan# 3558
Delta R.T. -0.023 min
Lab File: BP020764.D
Acq: 03 Jul 2024 00:20

Instrument :
BNA_P
ClientSampleId :
A4CD7

Tgt Ion:252 Resp: 254708
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 11.8 7.9 11.9

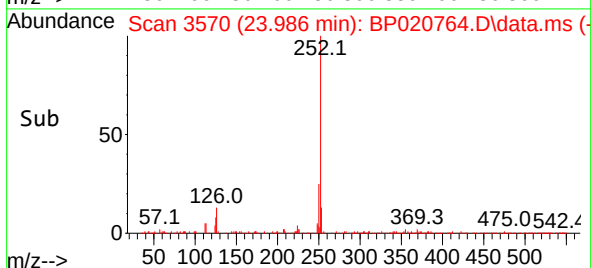
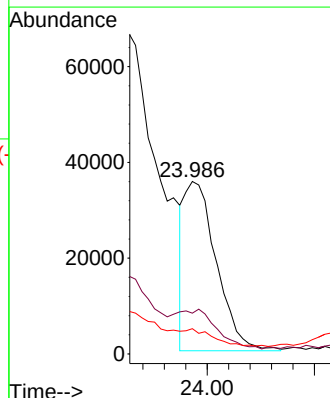
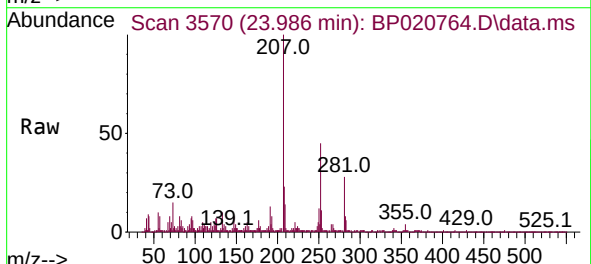
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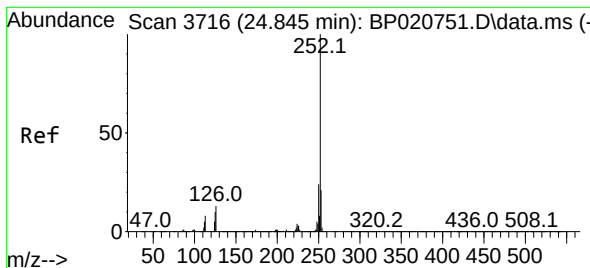
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 1.200 ng/ul m
RT: 23.986 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BP020764.D
Acq: 03 Jul 2024 00:20

Tgt Ion:252 Resp: 72825
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 14.6 7.9 11.9#





#93

Benzo(a)pyrene

Concen: 1.426 ng/ul

RT: 24.821 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020764.D

Acq: 03 Jul 2024 00:20

Instrument :

BNA_P

ClientSampleId :

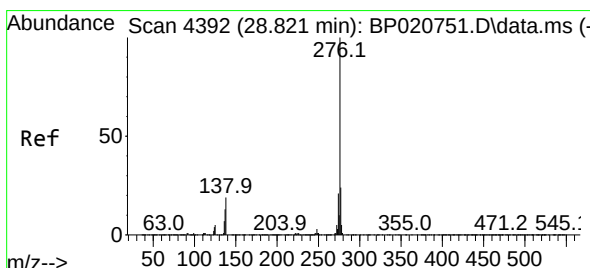
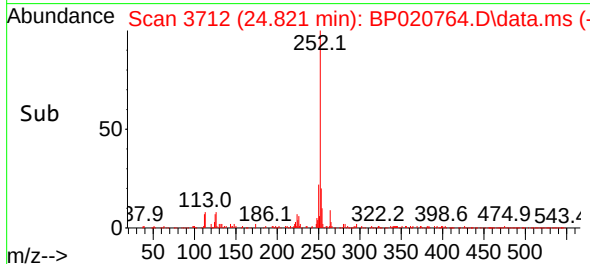
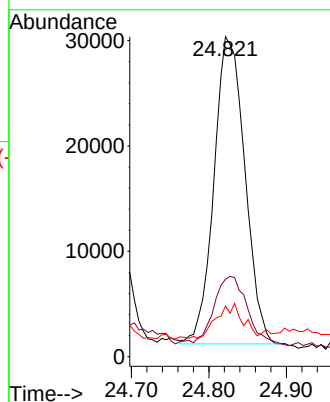
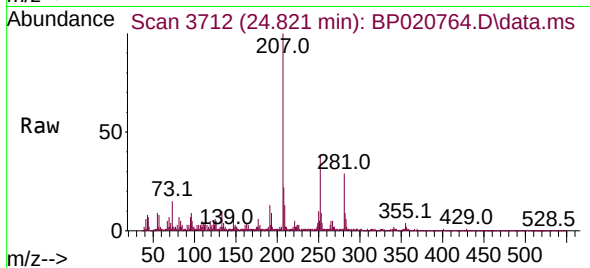
A4CD7

Tgt Ion:	252	Resp:	8078
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.2
125	15.8	8.7	13.1

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.209 ng/ul m

RT: 28.768 min Scan# 4383

Delta R.T. -0.047 min

Lab File: BP020764.D

Acq: 03 Jul 2024 00:20

Tgt Ion:	276	Resp:	87828
Ion Ratio	Lower	Upper	
276	100		
138	19.4	15.2	22.8
277	25.1	19.0	28.4

