

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020660.D
 Acq On : 27 Jun 2024 13:40
 Operator : MA/JU
 Sample : P2909-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B42

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 27 14:51:30 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	191874	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.516	136	765828	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.387	164	491926	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.192	188	942822	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	632657	20.000	ng/u1	0.01
88) Perylene-d12	25.009	264	736530	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	13953	3.123	ng/uL	0.00
4) Pyridine-d5	3.693	84	50413	3.871	ng/u1	0.00
7) Phenol-d5	6.928	99	317190	20.155	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	196714	19.717	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	267506	20.799	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	230342	18.022	ng/u1	0.00
21) Nitrobenzene-d5	8.899	128	133594	23.628	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	147540	26.076	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	274637	23.564	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	96424	5.903	ng/u1	0.01
46) Dimethylphthalate-d6	13.787	166	921603	26.945	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	999257	24.484	ng/u1	0.01
54) 4-Nitrophenol-d4	14.592	143	108780	20.816	ng/u1	0.00
60) Fluorene-d10	15.392	176	768884	26.714	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	112735	23.727	ng/u1	0.02
73) Anthracene-d10	17.292	188	1038372	24.540	ng/u1	0.01
81) Pyrene-d10	19.674	212	891862	23.465	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	524553	14.641	ng/u1	0.03
Target Compounds					Qvalue	
72) Phenanthrene	17.233	178	303108	6.139	ng/u1	100
74) Anthracene	17.328	178	55605	1.095	ng/u1	98
80) Fluoranthene	19.327	202	559649	12.055	ng/u1	99
82) Pyrene	19.704	202	335242	7.041	ng/u1	98
85) Benzo(a)anthracene	21.633	228	222069	5.008	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.569	149	49175	1.791	ng/u1#	97
87) Chrysene	21.704	228	236498	5.642	ng/u1	96
90) Benzo(b)fluoranthene	23.951	252	314999	7.060	ng/u1#	94
91) Benzo(k)fluoranthene	24.010	252	129279m	2.864	ng/u1	
93) Benzo(a)pyrene	24.862	252	93156	2.212	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.821	276	108625m	2.011	ng/u1	

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

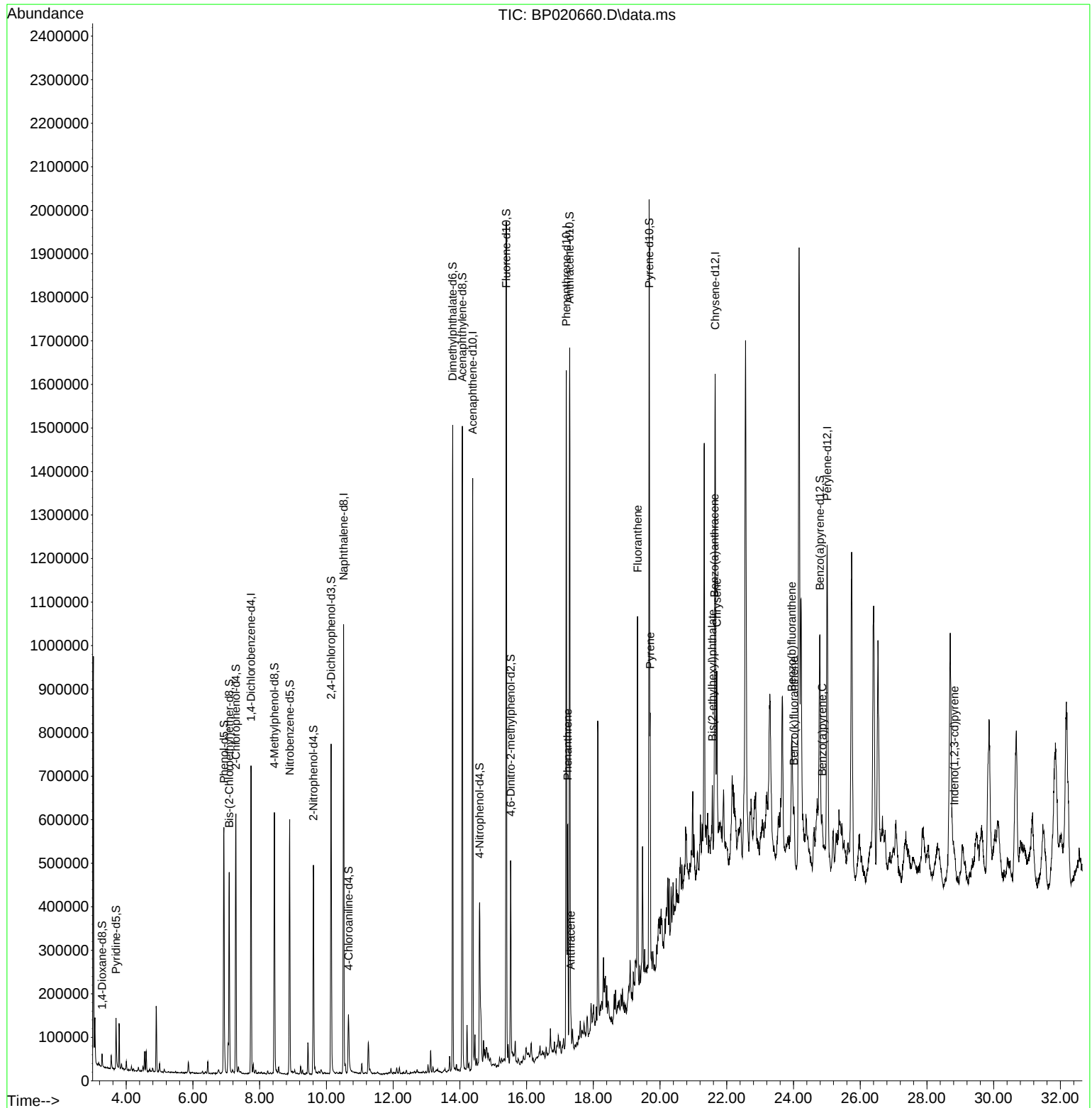
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
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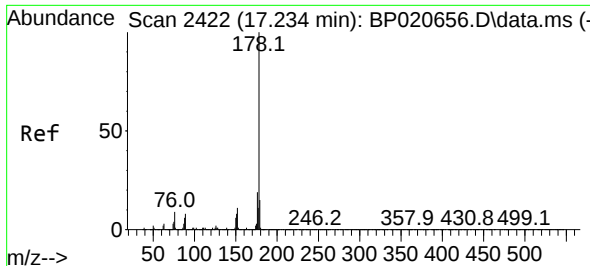
Instrument :
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 ClientSampleId :
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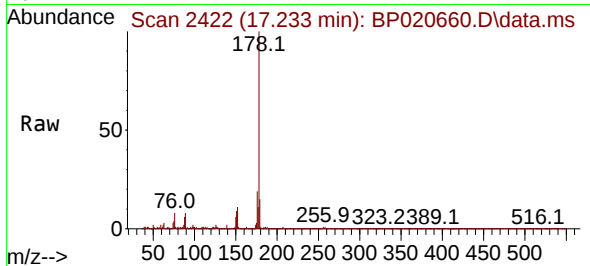
Quant Time: Jun 27 14:51:30 2024
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 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 6.139 ng/ul
RT: 17.233 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BP020660.D
Acq: 27 Jun 2024 13:40

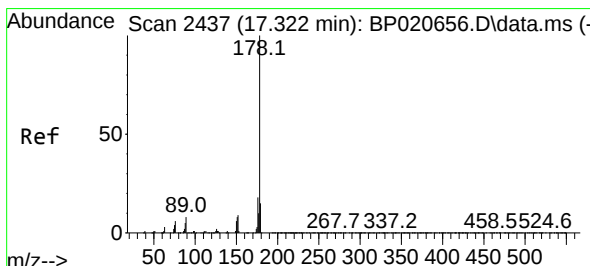
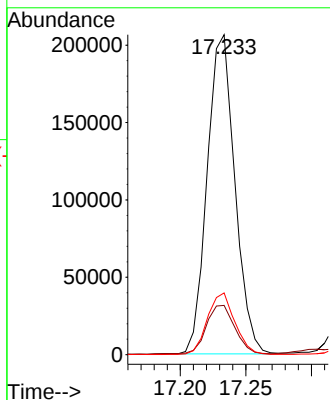
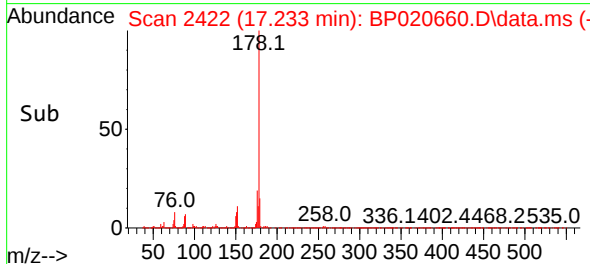
Instrument :
BNA_P
ClientSampleId :
A4B42



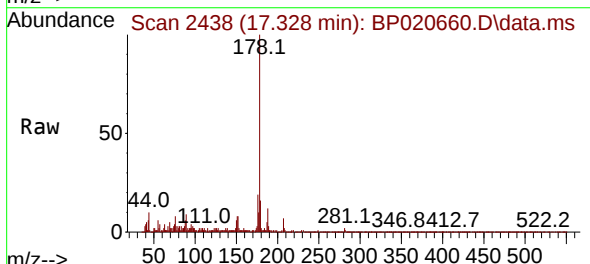
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Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.3 15.4 23.2

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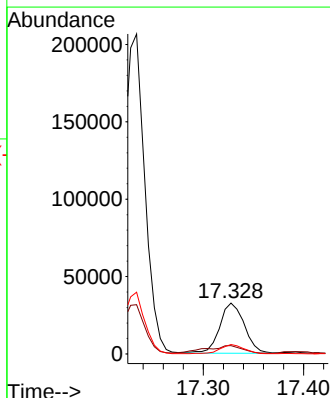
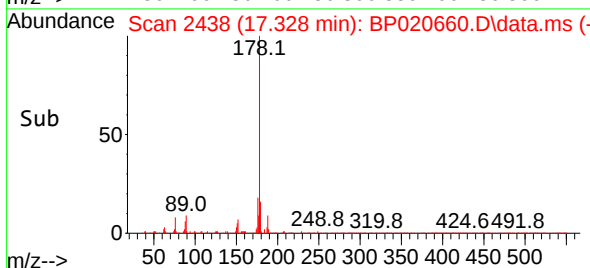
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

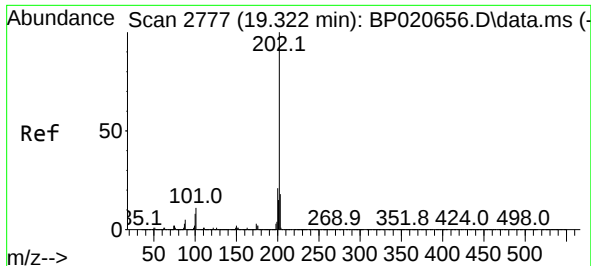


#74
Anthracene
Concen: 1.095 ng/ul
RT: 17.328 min Scan# 2438
Delta R.T. 0.012 min
Lab File: BP020660.D
Acq: 27 Jun 2024 13:40



Tgt Ion:178 Resp: 55605
Ion Ratio Lower Upper
178 100
179 16.3 12.1 18.1
176 18.5 15.0 22.4





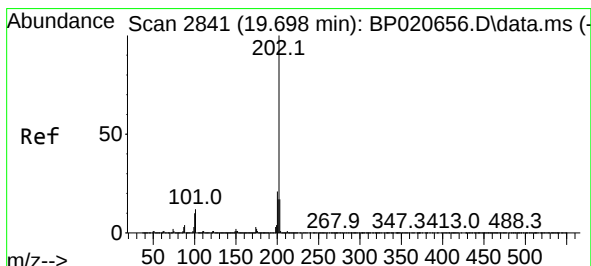
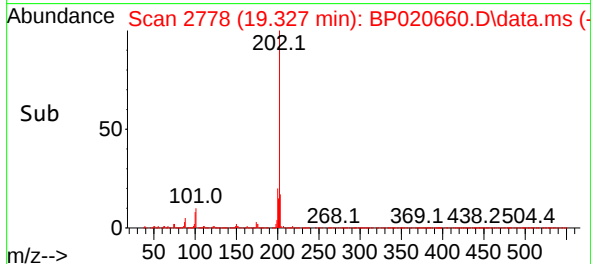
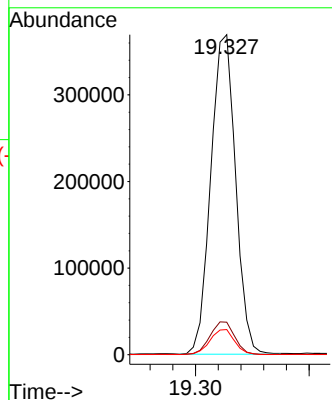
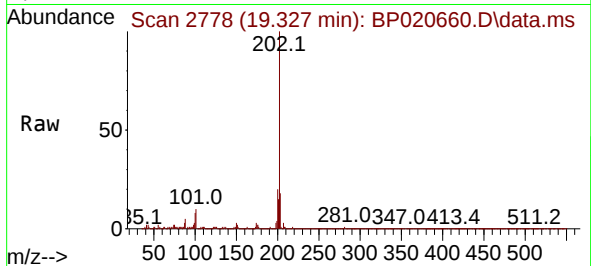
#80
Fluoranthene
Concen: 12.055 ng/u1
RT: 19.327 min Scan# 2777
Delta R.T. 0.006 min
Lab File: BP020660.D
Acq: 27 Jun 2024 13:40

Instrument :
BNA_P
ClientSampleId :
A4B42

Tgt Ion:202 Resp: 559649
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.4
100 7.9 6.6 10.0

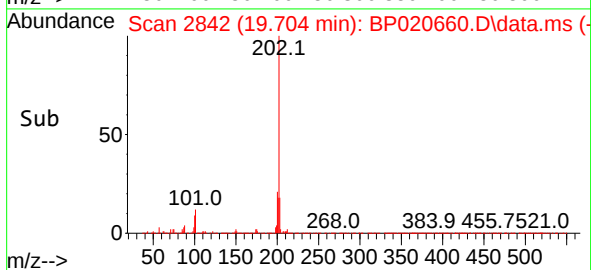
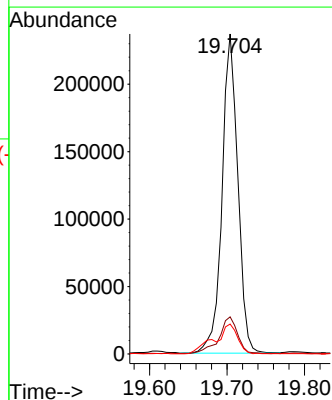
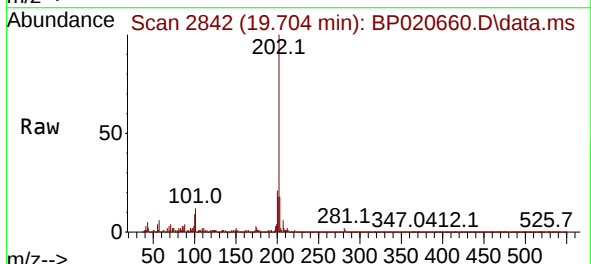
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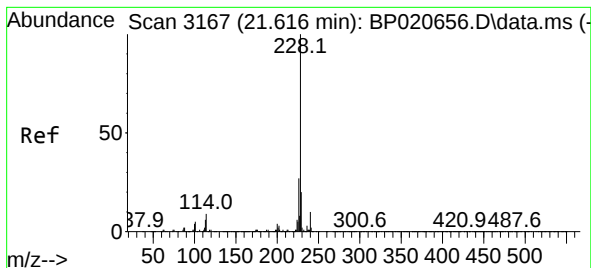
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#82
Pyrene
Concen: 7.041 ng/u1
RT: 19.704 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BP020660.D
Acq: 27 Jun 2024 13:40

Tgt Ion:202 Resp: 335242
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 9.3 7.9 11.9





#85

Benzo(a)anthracene

Concen: 5.008 ng/ul

RT: 21.633 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP020660.D

Acq: 27 Jun 2024 13:40

Instrument :

BNA_P

ClientSampleId :

A4B42

Tgt Ion:228 Resp: 222069

Ion Ratio Lower Upper

228 100

229 20.9 15.2 22.8

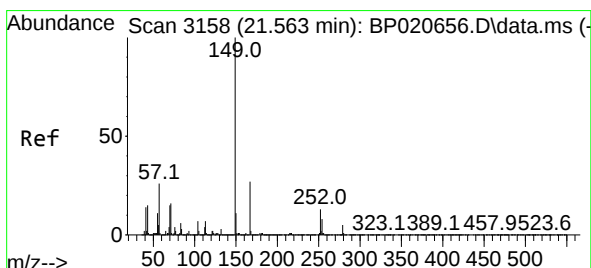
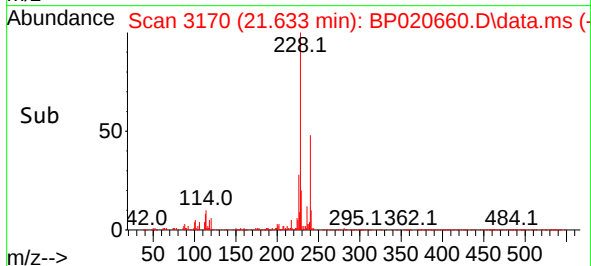
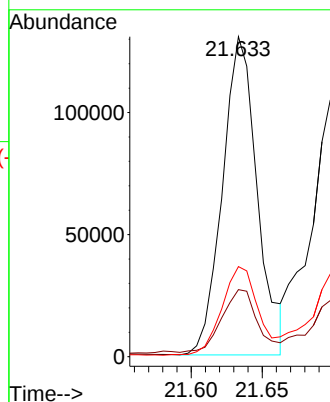
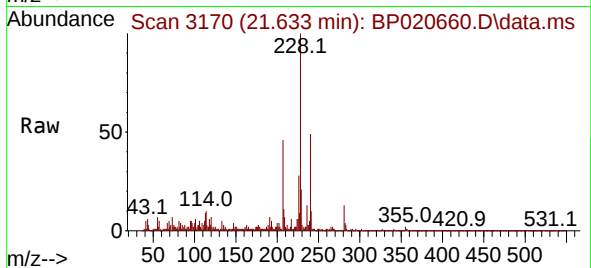
226 28.2 21.1 31.7

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.791 ng/ul

RT: 21.569 min Scan# 3159

Delta R.T. -0.000 min

Lab File: BP020660.D

Acq: 27 Jun 2024 13:40

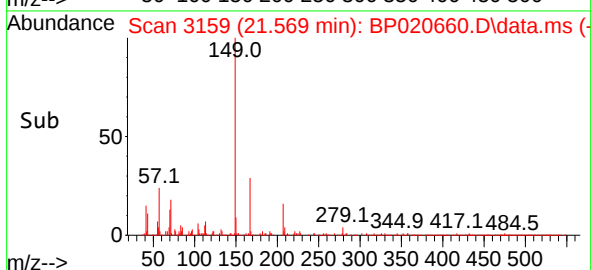
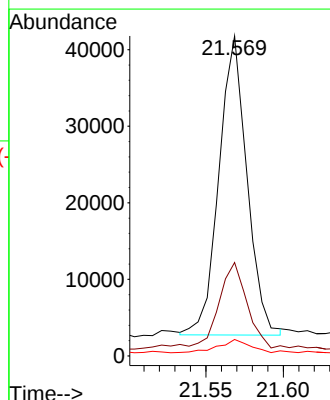
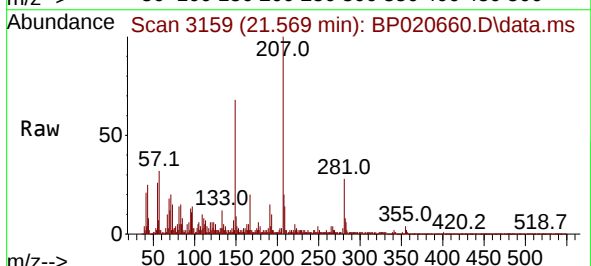
Tgt Ion:149 Resp: 49175

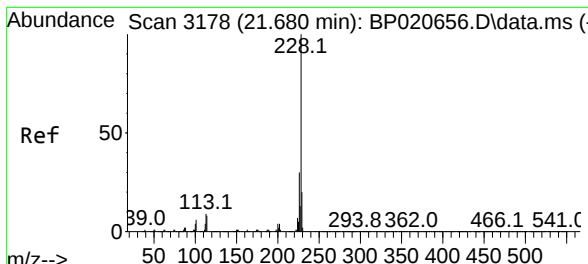
Ion Ratio Lower Upper

149 100

167 29.2 22.0 33.0

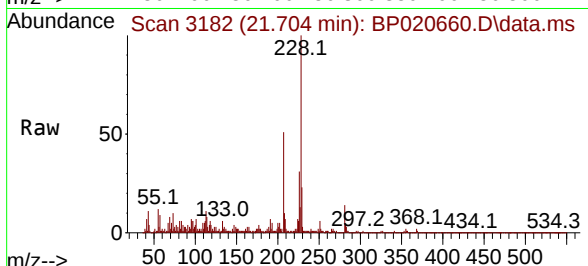
279 5.1 3.3 4.9#





#87
 Chrysene
 Concen: 5.642 ng/u1
 RT: 21.704 min Scan# 3178
 Delta R.T. 0.012 min
 Lab File: BP020660.D
 Acq: 27 Jun 2024 13:40

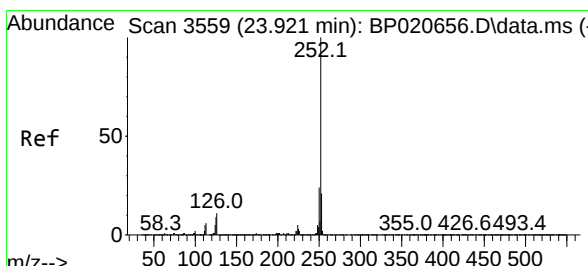
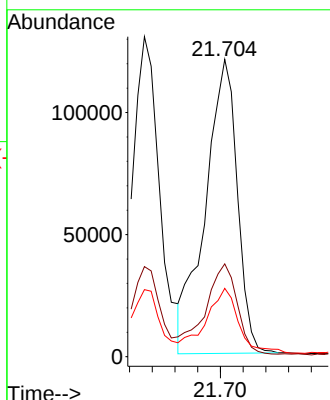
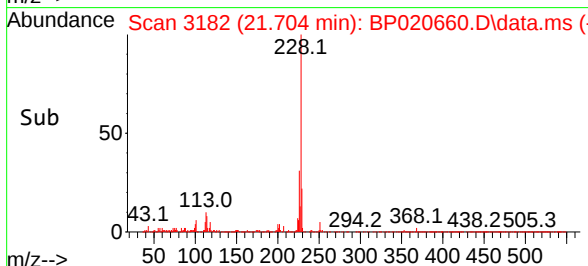
Instrument :
 BNA_P
 ClientSampleId :
 A4B42



Tgt Ion:228 Resp: 236498
 Ion Ratio Lower Upper
 228 100
 226 31.2 23.8 35.6
 229 23.0 16.1 24.1

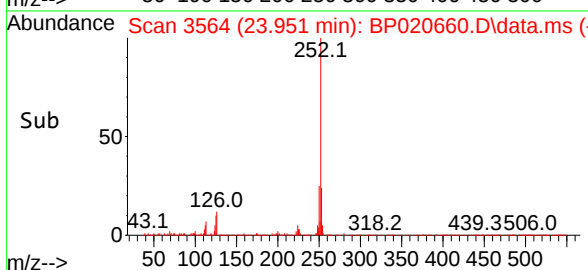
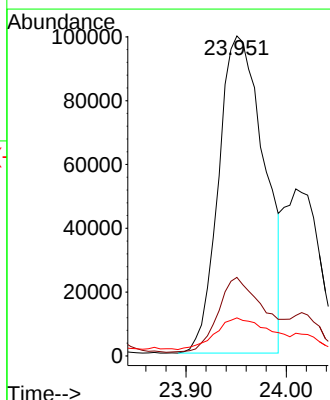
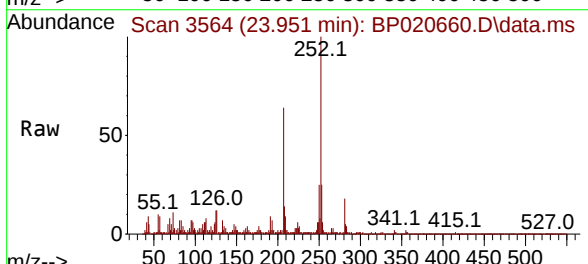
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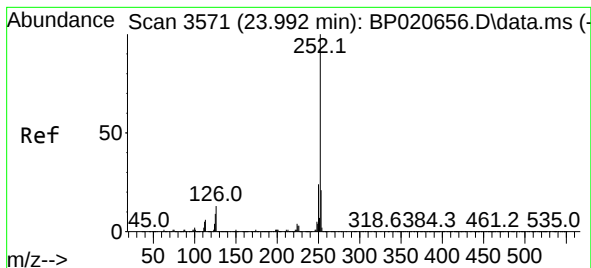
Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024



#90
 Benzo(b)fluoranthene
 Concen: 7.060 ng/u1
 RT: 23.951 min Scan# 3564
 Delta R.T. 0.012 min
 Lab File: BP020660.D
 Acq: 27 Jun 2024 13:40

Tgt Ion:252 Resp: 314999
 Ion Ratio Lower Upper
 252 100
 253 24.6 17.5 26.3
 125 11.9 7.9 11.9#





#91

Benzo(k)fluoranthene

Concen: 2.864 ng/ul m

RT: 24.010 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP020660.D

Acq: 27 Jun 2024 13:40

Instrument :

BNA_P

ClientSampleId :

A4B42

Tgt Ion:252 Resp: 129279

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

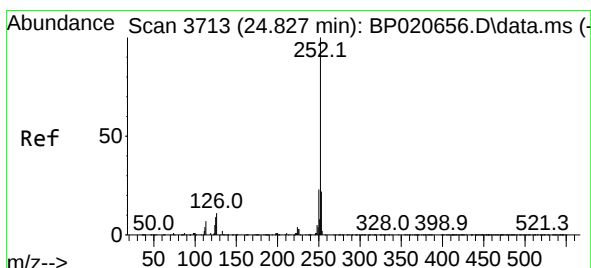
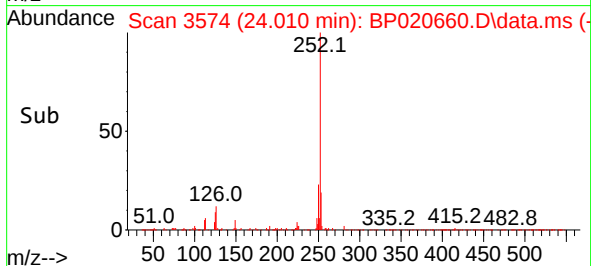
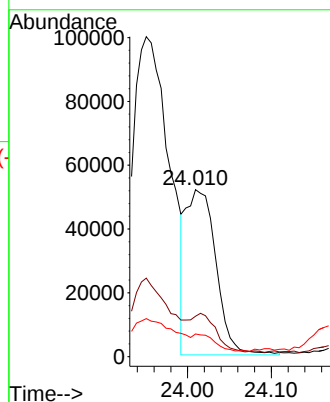
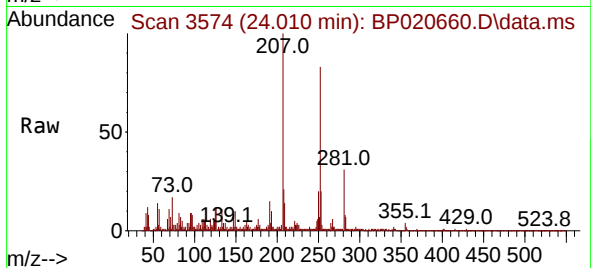
125 13.6 7.9 11.9

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.212 ng/ul

RT: 24.862 min Scan# 3719

Delta R.T. 0.018 min

Lab File: BP020660.D

Acq: 27 Jun 2024 13:40

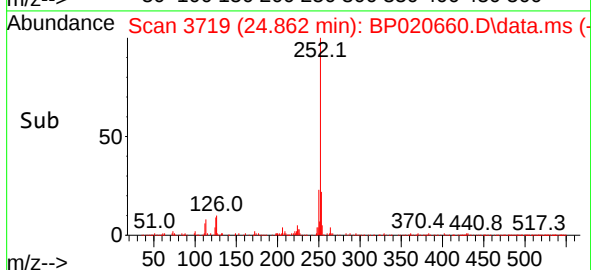
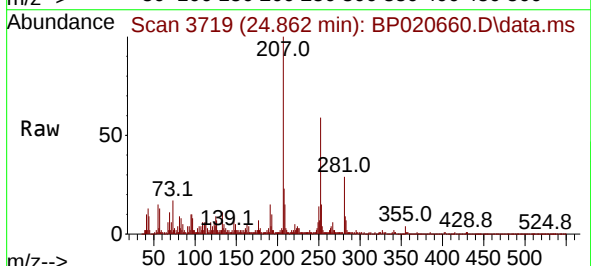
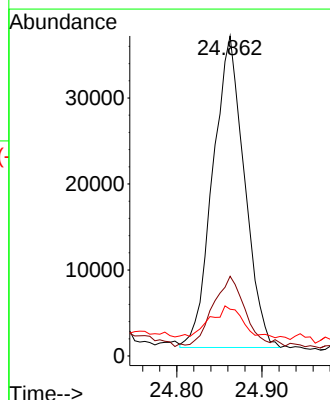
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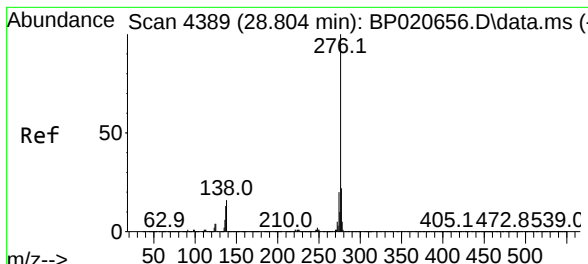
Ion Ratio Lower Upper

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253 24.9 17.4 26.2

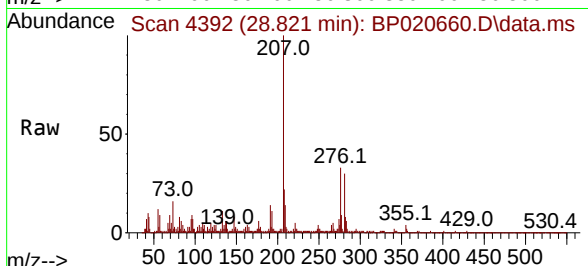
125 14.6 8.7 13.1#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.011 ng/ul m
 RT: 28.821 min Scan# 4392
 Delta R.T. 0.006 min
 Lab File: BP020660.D
 Acq: 27 Jun 2024 13:40

Instrument :
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Tgt Ion: 276 Resp: 10862

Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.2	22.8
277	27.6	19.0	28.4

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