

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020873.D
 Acq On : 09 Jul 2024 22:03
 Operator : MA/JU
 Sample : P3102-02
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CE1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 23:45:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	203210	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	856014	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	563981	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1189733	20.000	ng/u1	0.01
79) Chrysene-d12	21.627	240	1090655	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1284948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	19270	4.072	ng/uL	0.00
4) Pyridine-d5	3.699	84	13436m	0.974	ng/u1	0.02
7) Phenol-d5	6.916	99	473083	28.384	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	280301	26.528	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.269	132	393625	28.897	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	380639	28.119	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	191047	30.229	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	217968	34.464	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	385742	29.609	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	186356	10.207	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1174648	29.956	ng/u1	0.02
49) Acenaphthylene-d8	14.057	160	1342279	28.687	ng/u1	0.02
54) 4-Nitrophenol-d4	14.610	143	169873	28.353	ng/u1	0.03
60) Fluorene-d10	15.375	176	1004217	30.433	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	128993	21.515	ng/u1	0.02
73) Anthracene-d10	17.275	188	1547832	28.988	ng/u1	0.01
81) Pyrene-d10	19.657	212	1618861	24.707	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1237362	19.796	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.222	178	732846	11.763	ng/u1	100
74) Anthracene	17.310	178	165033	2.575	ng/u1	99
77) Carbazole	17.604	167	75300	1.424	ng/u1	99
80) Fluoranthene	19.310	202	1520390	18.996	ng/u1	99
82) Pyrene	19.686	202	1102158	13.427	ng/u1	99
85) Benzo(a)anthracene	21.604	228	711820	9.311	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.527	149	413029	8.728	ng/u1	99
87) Chrysene	21.675	228	768380	10.634	ng/u1	98
90) Benzo(b)fluoranthene	23.916	252	1084048	13.926	ng/u1	98
91) Benzo(k)fluoranthene	23.974	252	368925	4.685	ng/u1	97
93) Benzo(a)pyrene	24.804	252	405902	5.524	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.780	276	404446	4.291	ng/u1	96
95) Dibenzo(a,h)anthracene	28.827	278	141605m	1.828	ng/u1	

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

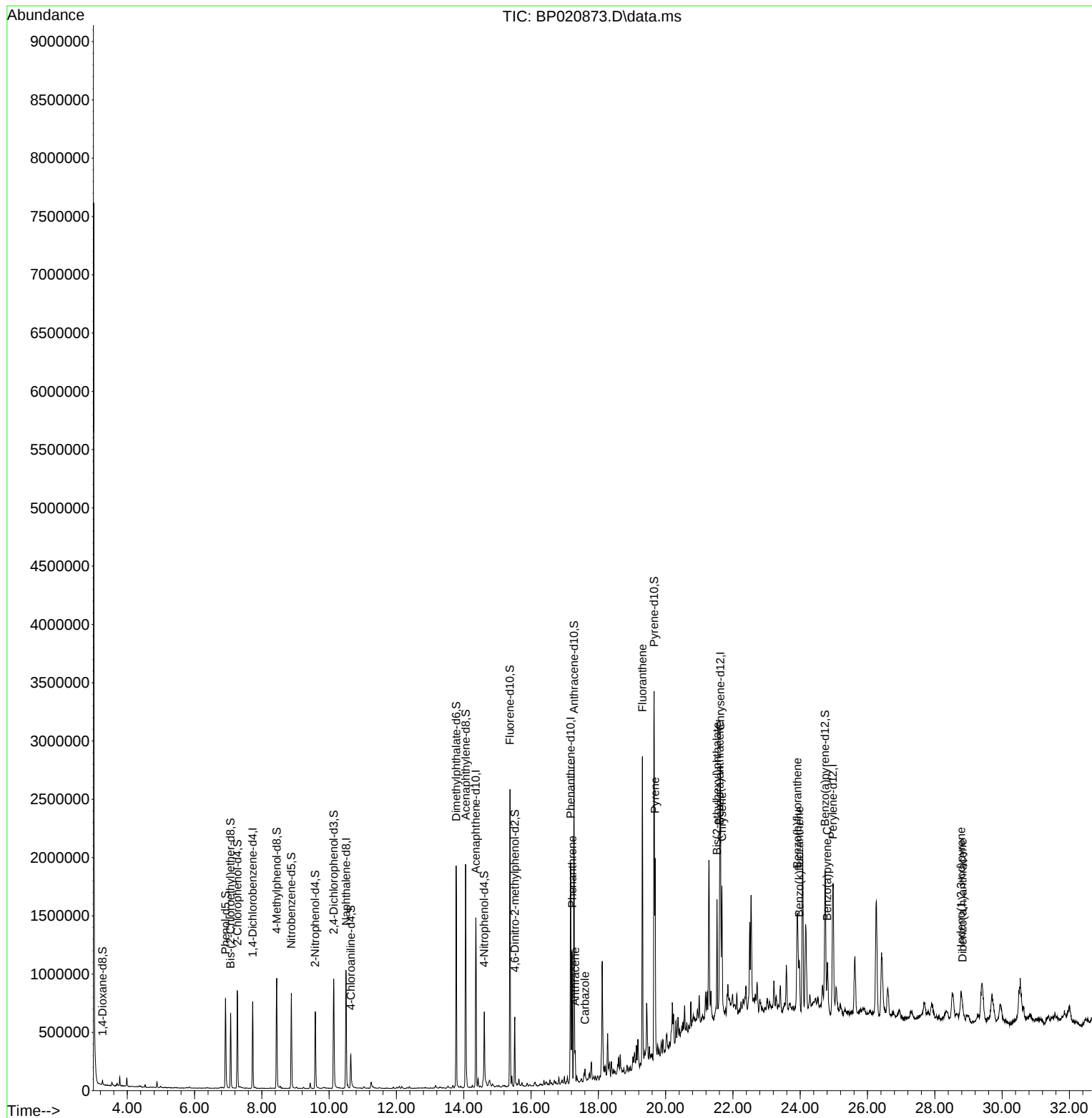
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Data File : BP020873.D
Acq On : 09 Jul 2024 22:03
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

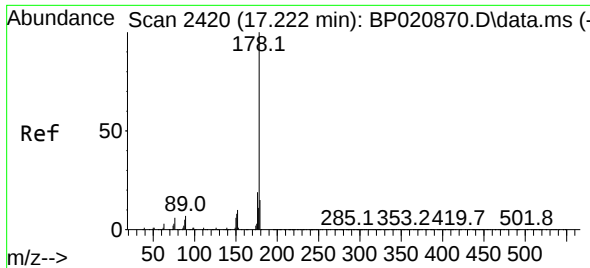
Instrument :
BNA_P
ClientSampleId :
A4CE1

Quant Time: Jul 09 23:45:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

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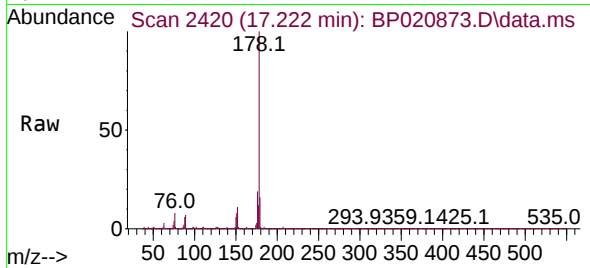
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024





#72
Phenanthrene
Concen: 11.763 ng/ul
RT: 17.222 min Scan# 2420
Delta R.T. 0.018 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

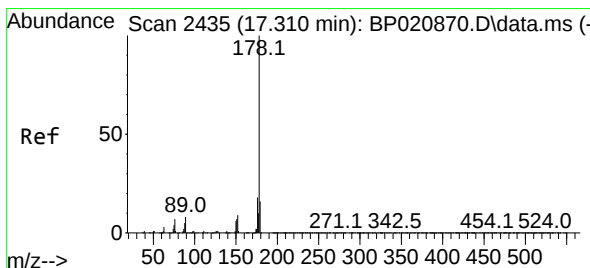
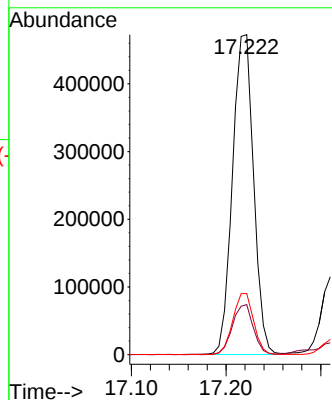
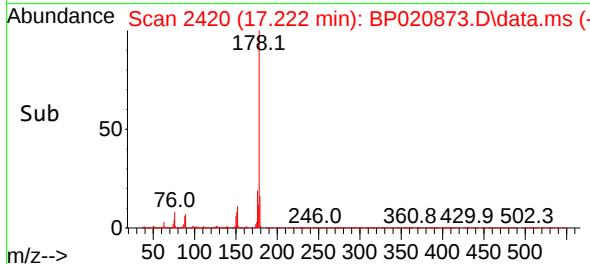
Instrument :
BNA_P
ClientSampleId :
A4CE1



Tgt Ion:178 Resp: 732840
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.1 15.4 23.2

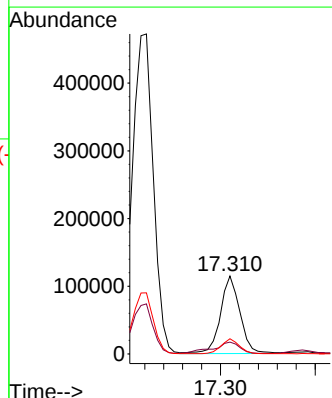
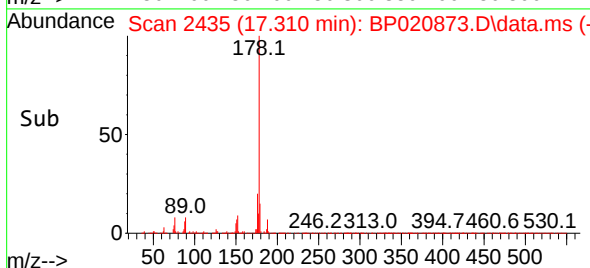
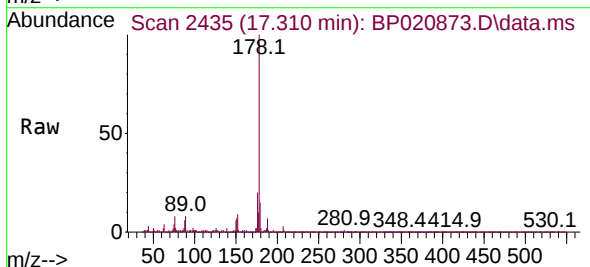
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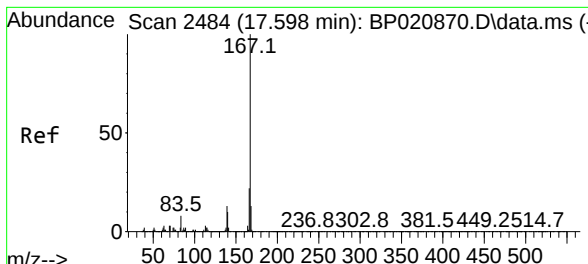
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024



#74
Anthracene
Concen: 2.575 ng/ul
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Tgt Ion:178 Resp: 165033
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 19.6 15.0 22.4





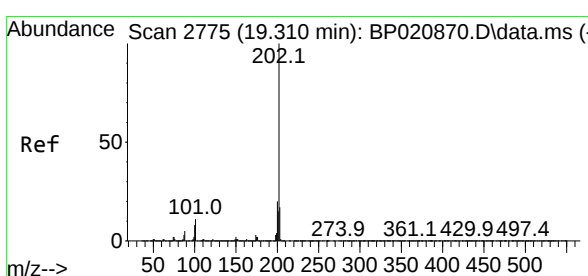
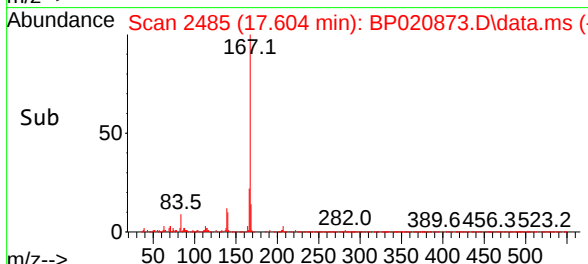
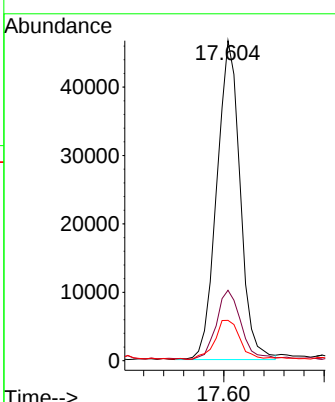
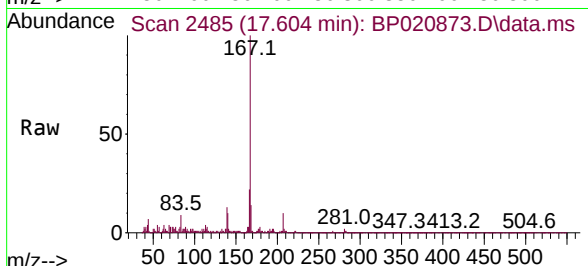
#77
 Carbazole
 Concen: 1.424 ng/ul
 RT: 17.604 min Scan# 2485
 Delta R.T. 0.018 min
 Lab File: BP020873.D
 Acq: 09 Jul 2024 22:03

Instrument : BNA_P
 ClientSampleId : A4CE1

Tgt Ion:	167	Resp:	75300
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.2	25.8
139	12.6	10.6	16.0

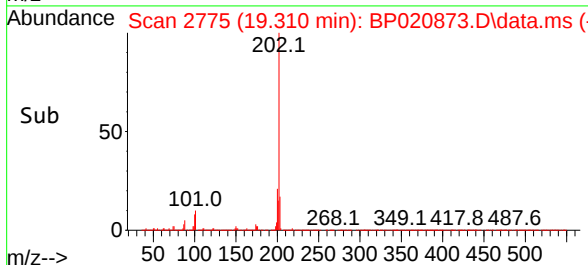
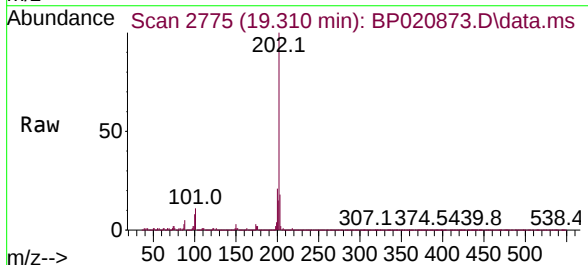
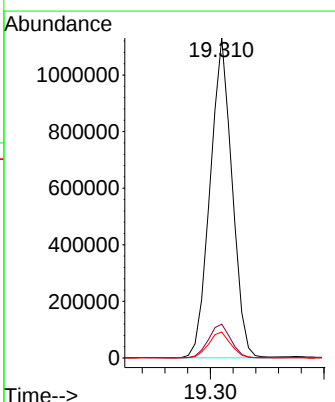
Manual Integrations
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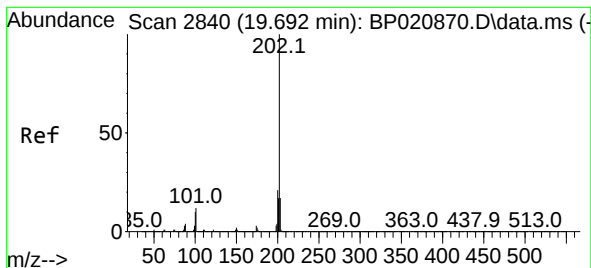
Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :mohammad ahmed 07/10/2024



#80
 Fluoranthene
 Concen: 18.996 ng/ul
 RT: 19.310 min Scan# 2775
 Delta R.T. 0.012 min
 Lab File: BP020873.D
 Acq: 09 Jul 2024 22:03

Tgt Ion:	202	Resp:	1520390
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.2	12.4
100	8.1	6.6	10.0





#82

Pyrene

Concen: 13.427 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020873.D

Acq: 09 Jul 2024 22:03

Instrument :

BNA_P

ClientSampleId :

A4CE1

Tgt Ion:202 Resp: 1102158

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

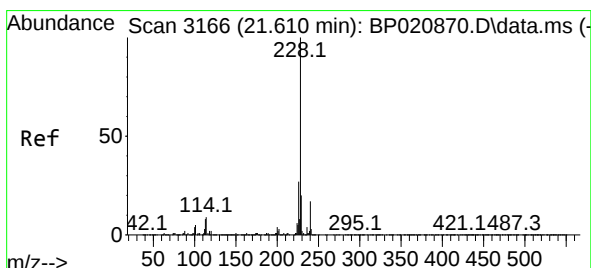
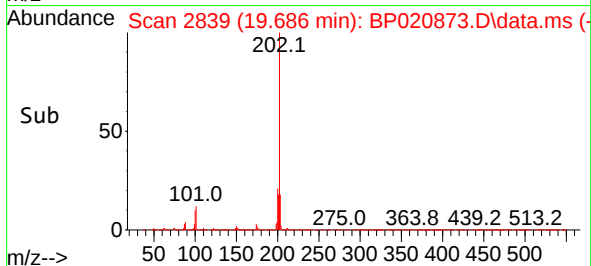
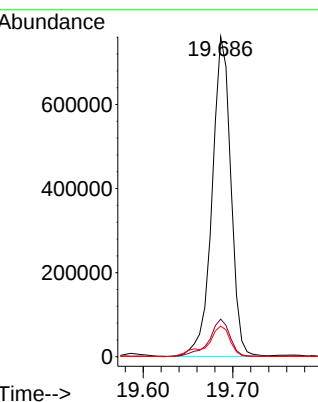
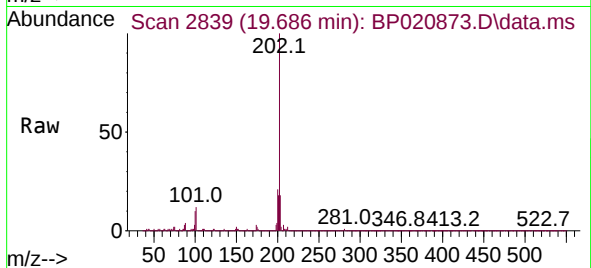
100 9.6 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/10/2024

Supervised By :mohammad ahmed 07/10/2024



#85

Benzo(a)anthracene

Concen: 9.311 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BP020873.D

Acq: 09 Jul 2024 22:03

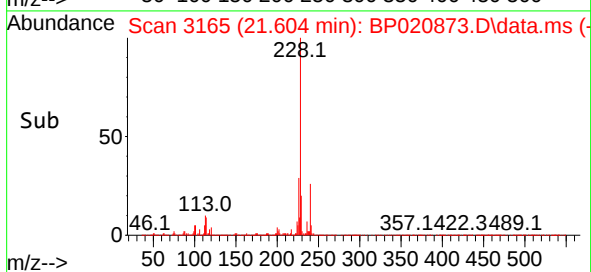
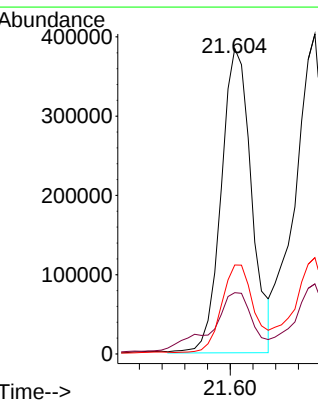
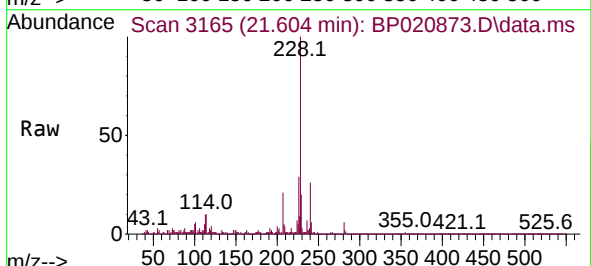
Tgt Ion:228 Resp: 711820

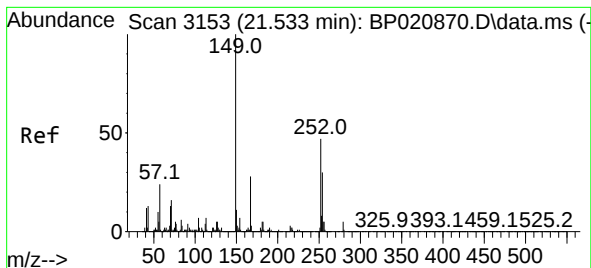
Ion Ratio Lower Upper

228 100

229 20.0 15.2 22.8

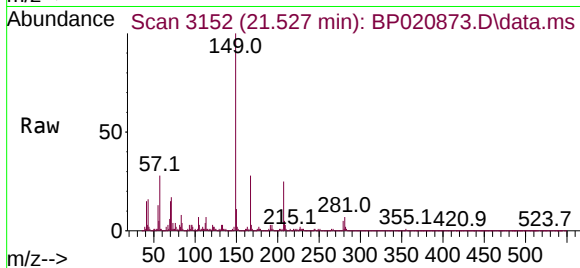
226 29.1 21.1 31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 8.728 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

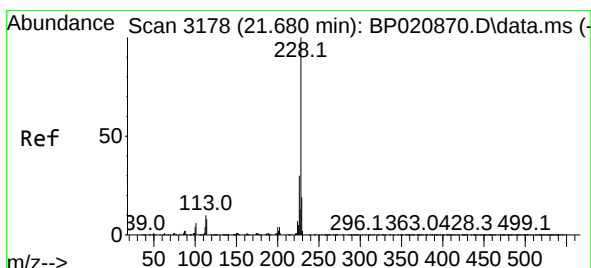
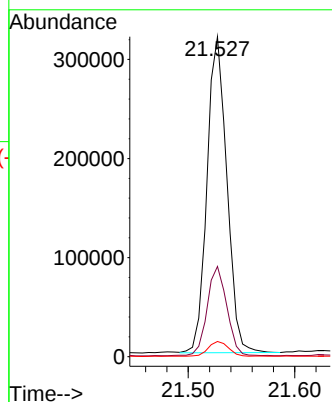
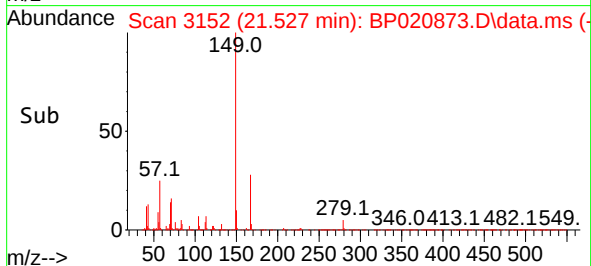
Instrument :
BNA_P
ClientSampleId :
A4CE1



Tgt Ion:149 Resp: 413029
Ion Ratio Lower Upper
149 100
167 28.2 22.0 33.0
279 4.7 3.3 4.9

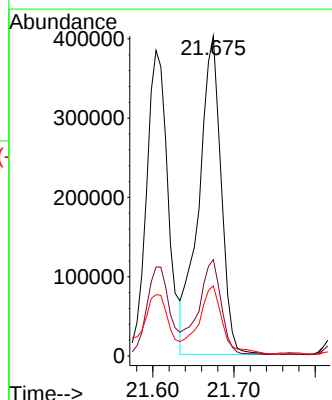
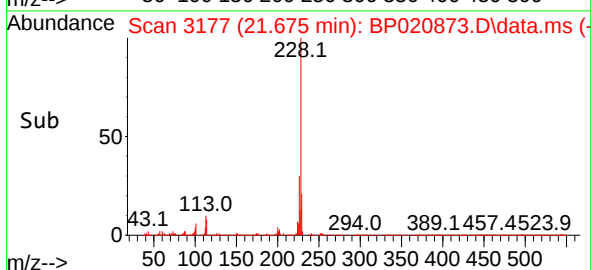
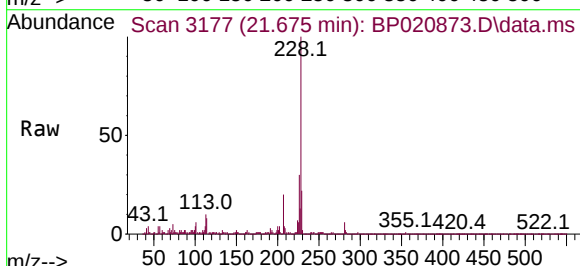
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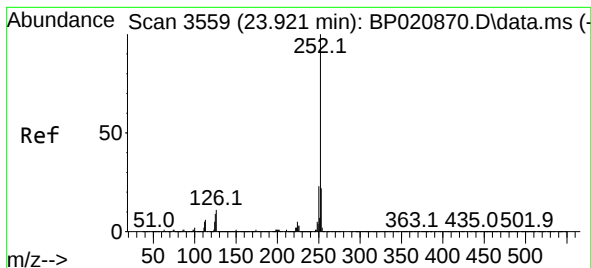
Reviewed By :Yogesh Patel 07/10/2024
Supervised By :mohammad ahmed 07/10/2024



#87
Chrysene
Concen: 10.634 ng/ul
RT: 21.675 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Tgt Ion:228 Resp: 768380
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 21.9 16.1 24.1





#90

Benzo(b)fluoranthene

Concen: 13.926 ng/ul

RT: 23.916 min Scan# 3558

Delta R.T. 0.012 min

Lab File: BP020873.D

Acq: 09 Jul 2024 22:03

Instrument :

BNA_P

ClientSampleId :

A4CE1

Tgt Ion:252 Resp: 108404

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

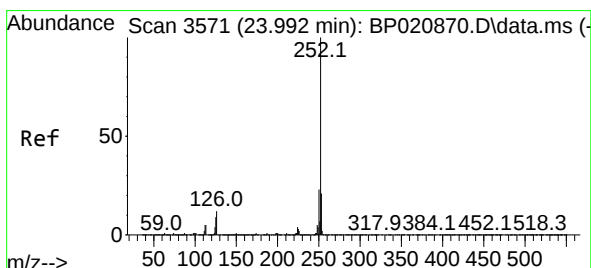
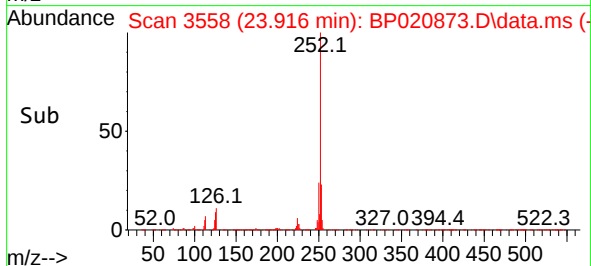
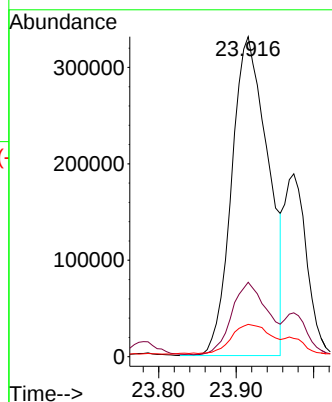
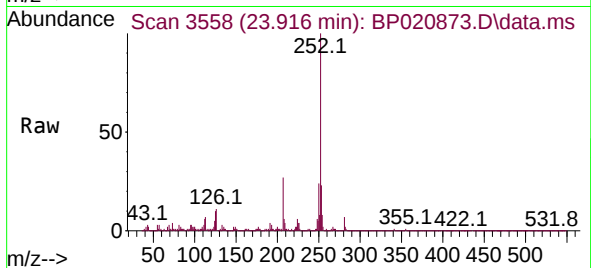
125 10.1 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/10/2024

Supervised By :mohammad ahmed 07/10/2024



#91

Benzo(k)fluoranthene

Concen: 4.685 ng/ul

RT: 23.974 min Scan# 3568

Delta R.T. 0.000 min

Lab File: BP020873.D

Acq: 09 Jul 2024 22:03

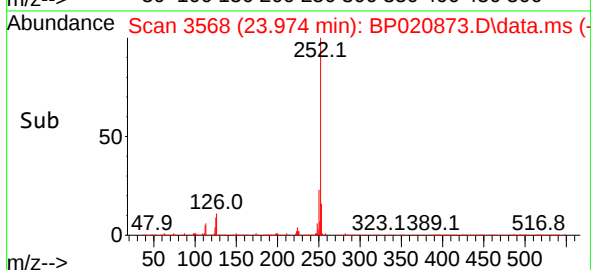
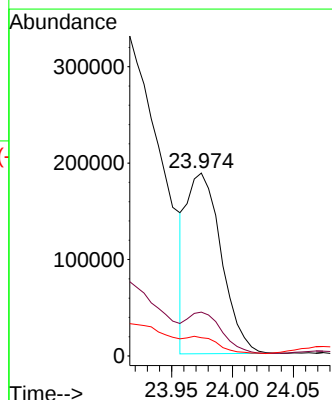
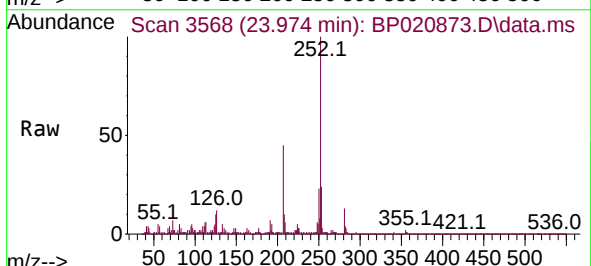
Tgt Ion:252 Resp: 368925

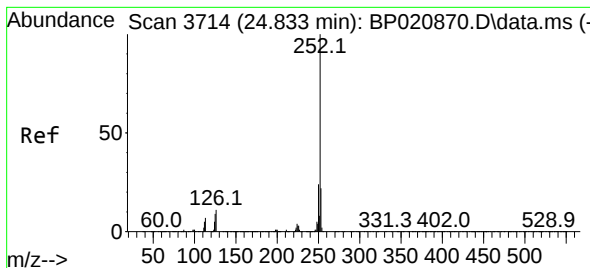
Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 9.9 7.9 11.9





#93

Benzo(a)pyrene

Concen: 5.524 ng/ul

RT: 24.804 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP020873.D

Acq: 09 Jul 2024 22:03

Instrument :

BNA_P

ClientSampleId :

A4CE1

Tgt Ion:252 Resp: 40590

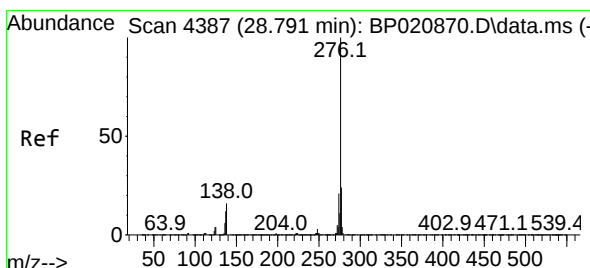
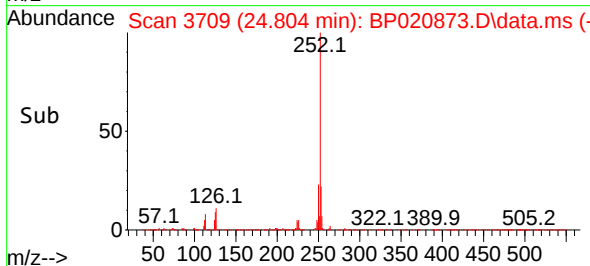
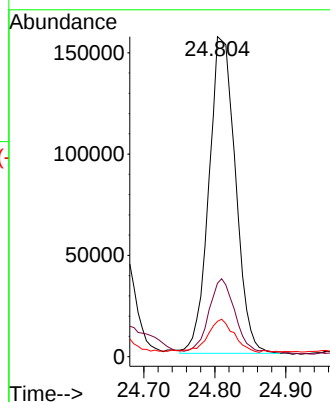
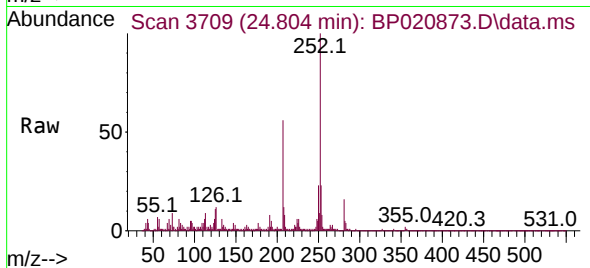
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.1	8.7	13.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/10/2024

Supervised By :mohammad ahmed 07/10/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.291 ng/ul

RT: 28.780 min Scan# 4385

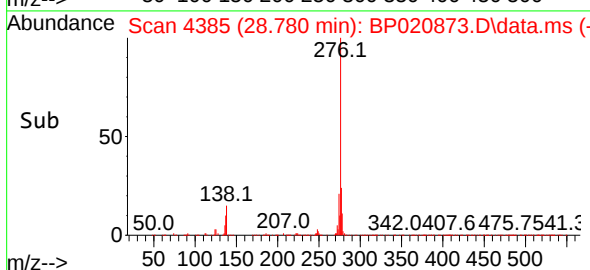
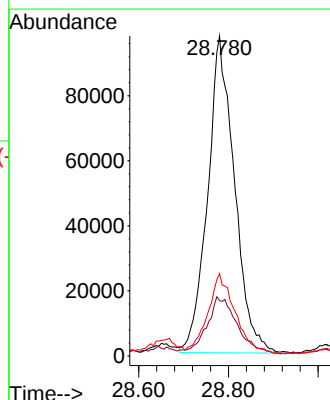
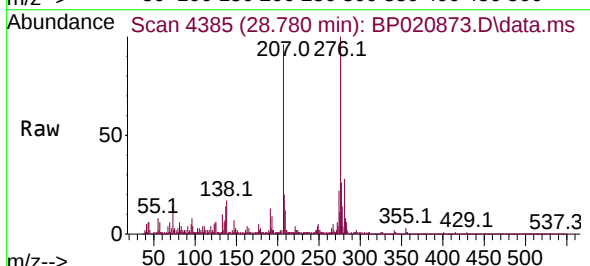
Delta R.T. 0.018 min

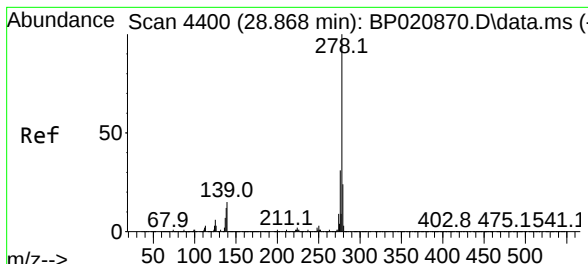
Lab File: BP020873.D

Acq: 09 Jul 2024 22:03

Tgt Ion:276 Resp: 404446

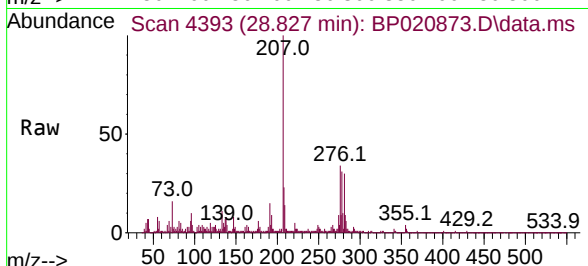
Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.2	22.8
277	25.8	19.0	28.4





#95
 Dibenzo(a,h)anthracene
 Concen: 1.828 ng/ul m
 RT: 28.827 min Scan# 4393
 Delta R.T. -0.012 min
 Lab File: BP020873.D
 Acq: 09 Jul 2024 22:03

Instrument :
 BNA_P
 ClientSampleId :
 A4CE1



Tgt Ion: 278 Resp: 14160

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.1	16.7
279	31.1	18.7	28.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
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