

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022571.D
 Acq On : 23 Oct 2024 20:15
 Operator : RC/JU
 Sample : P4415-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F50

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:38:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	130319	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	502126	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	404095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1000030	20.000	ng/u1	-0.01
79) Chrysene-d12	21.504	240	972018	20.000	ng/u1	0.00
88) Perylene-d12	24.763	264	1139712	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3467m	1.034	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.858	99	61531	5.609	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	36694	5.691	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	48235	6.197	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	42408	4.844	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	21677	5.615	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	26328	5.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	55135	5.804	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	36147	3.220	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	195877	6.101	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	203430	5.966	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	19588m	3.637	ng/u1	0.02
60) Fluorene-d10	15.275	176	183375	6.585	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	12479m	1.897	ng/u1	0.00
73) Anthracene-d10	17.163	188	302816	6.437	ng/u1	0.00
81) Pyrene-d10	19.551	212	316874	6.165	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.539	264	237092	3.895	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.469	105	38062	2.634	ng/u1	95
52) Acenaphthene	14.340	153	48401	1.934	ng/u1	99
56) Dibenzofuran	14.675	168	74159	1.973	ng/u1	97
61) Fluorene	15.334	166	82212	2.684	ng/u1	94
72) Phenanthrene	17.110	178	1190085	22.244	ng/u1	99
74) Anthracene	17.198	178	273763	5.127	ng/u1	98
77) Carbazole	17.486	167	89687	1.898	ng/u1	98
80) Fluoranthene	19.204	202	1290160	21.833	ng/u1	99
82) Pyrene	19.586	202	739778	11.680	ng/u1	98
85) Benzo(a)anthracene	21.486	228	464520	6.817	ng/u1	98
87) Chrysene	21.539	228	407923	6.456	ng/u1	97
90) Benzo(b)fluoranthene	23.739	252	495073	6.901	ng/u1	99
91) Benzo(k)fluoranthene	23.798	252	182419	2.597	ng/u1	97
93) Benzo(a)pyrene	24.610	252	161612	2.448	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.462	276	147915m	1.679	ng/u1	

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

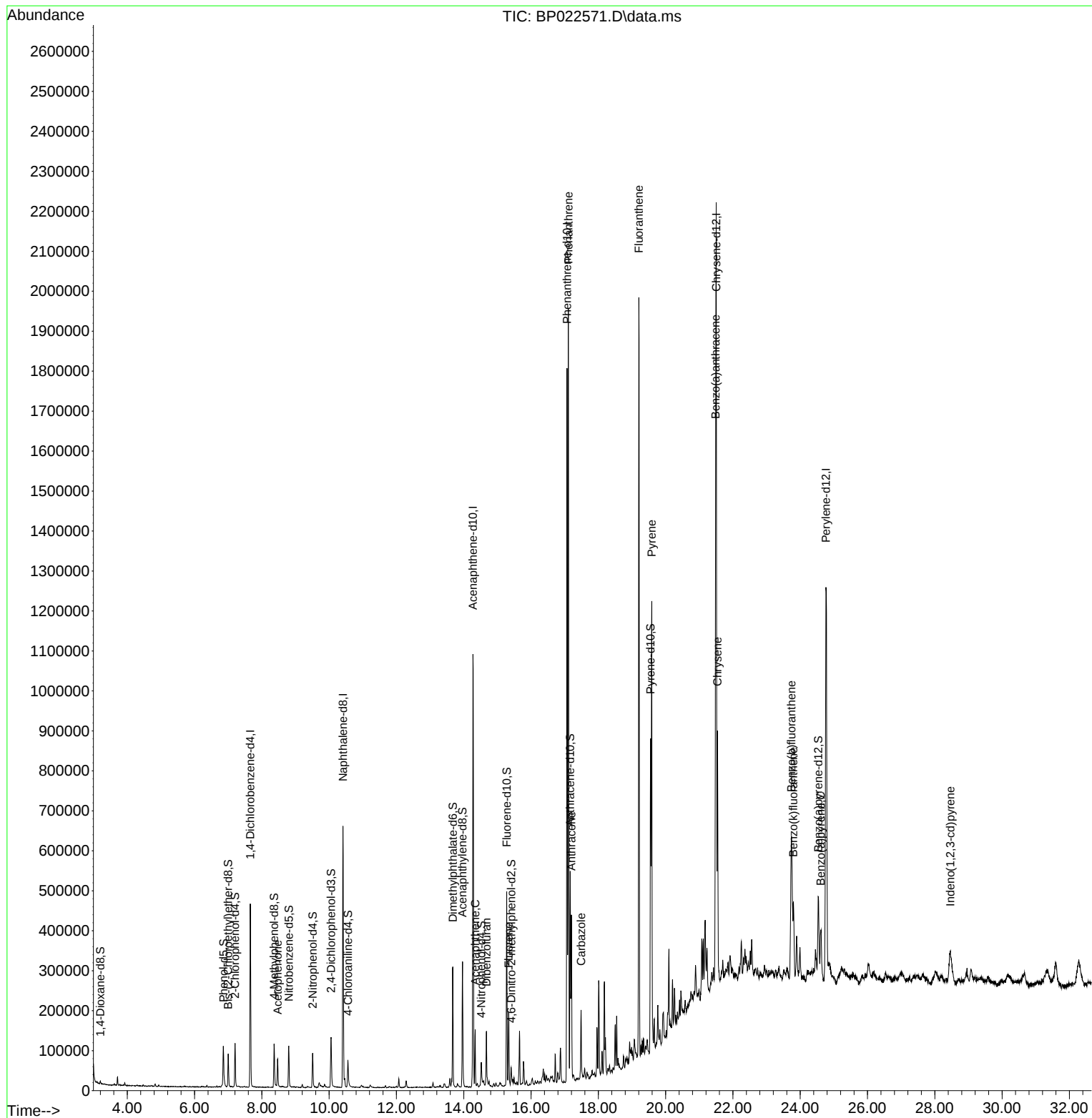
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022571.D
Acq On : 23 Oct 2024 20:15
Operator : RC/JU
Sample : P4415-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

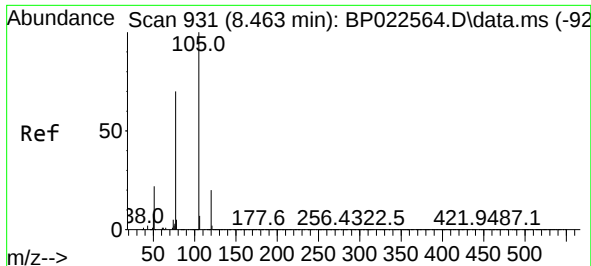
Instrument :
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A4F50

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
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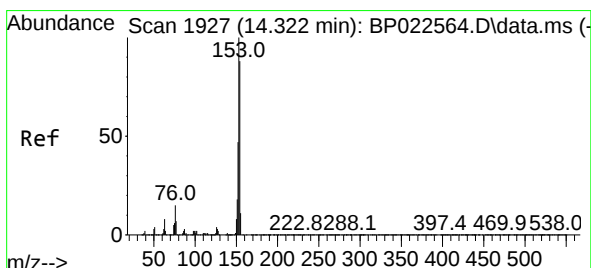
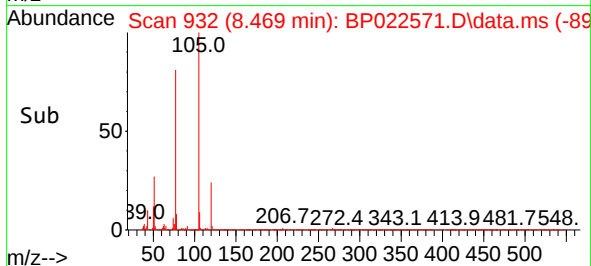
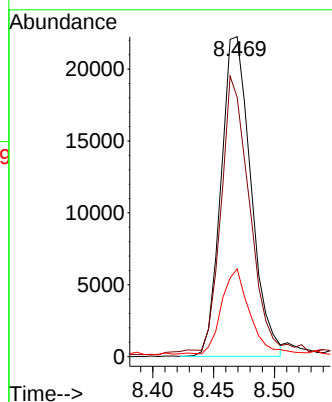
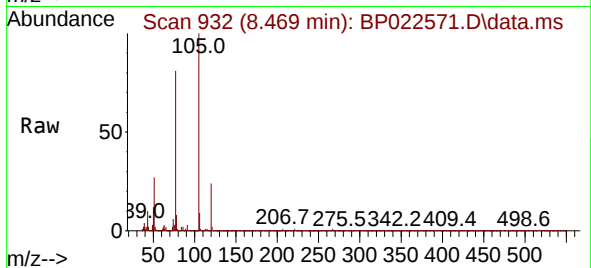
#16
Acetophenone
Concen: 2.634 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022571.D
Acq: 23 Oct 2024 20:15

Instrument :
BNA_P
ClientSampleId :
A4F50

Tgt Ion:105 Resp: 3806
Ion Ratio Lower Upper
105 100
77 81.1 69.0 103.4
51 27.4 22.6 33.8

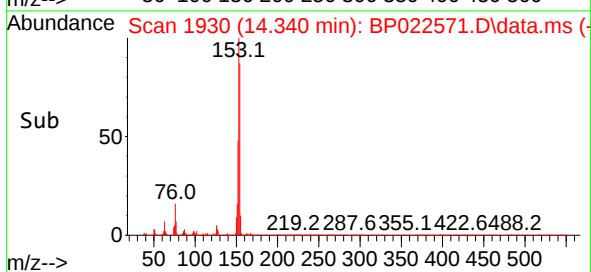
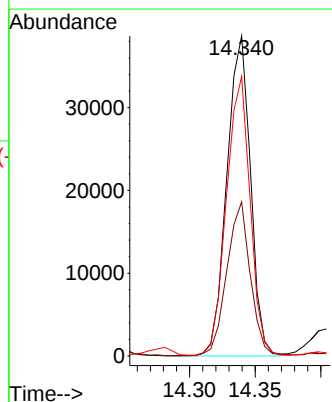
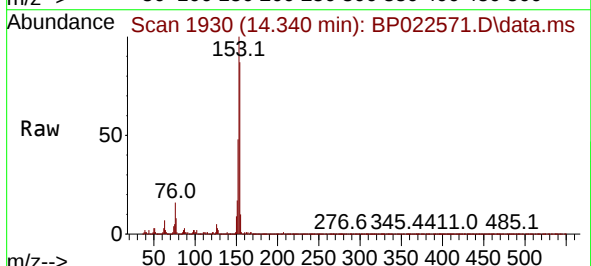
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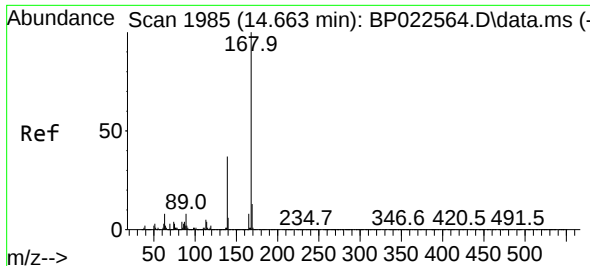
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#52
Acenaphthene
Concen: 1.934 ng/ul
RT: 14.340 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP022571.D
Acq: 23 Oct 2024 20:15

Tgt Ion:153 Resp: 48401
Ion Ratio Lower Upper
153 100
152 48.1 37.8 56.6
154 87.3 69.5 104.3





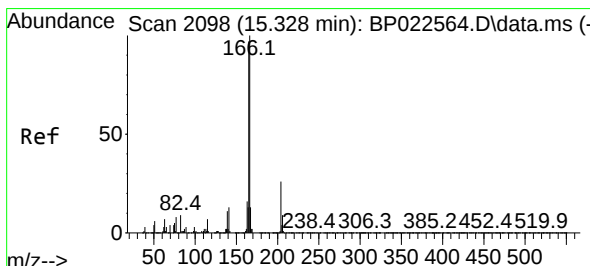
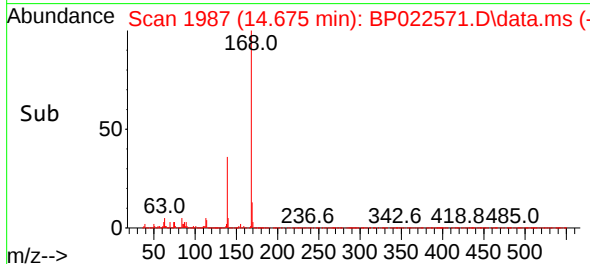
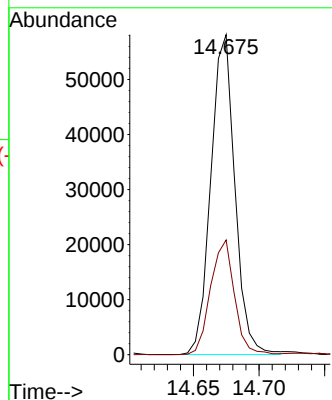
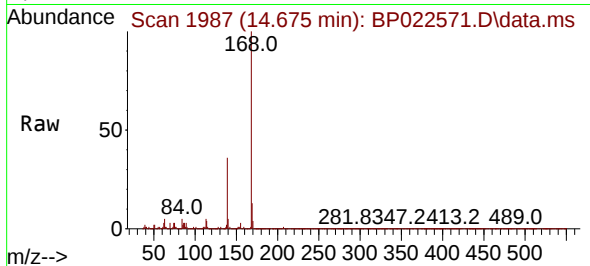
#56
Dibenzenofuran
Concen: 1.973 ng/ul
RT: 14.675 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BP022571.D
Acq: 23 Oct 2024 20:15

Instrument :
BNA_P
ClientSampleId :
A4F50

Tgt Ion:168 Resp: 74159
Ion Ratio Lower Upper
168 100
139 35.8 30.2 45.2

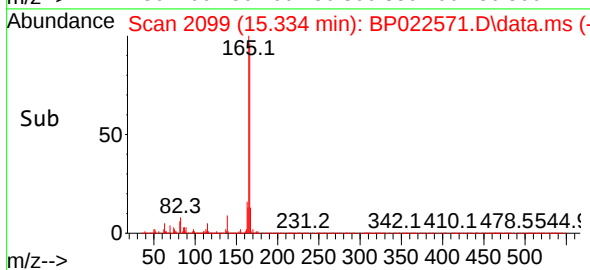
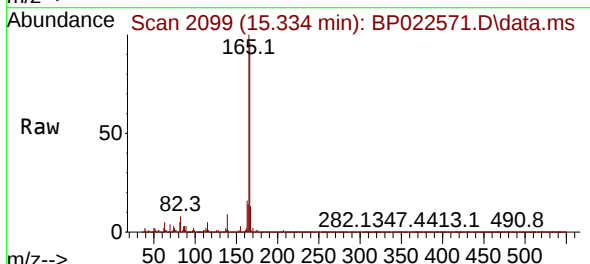
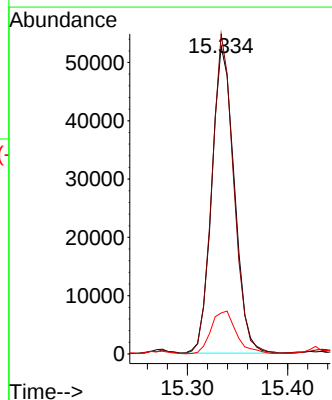
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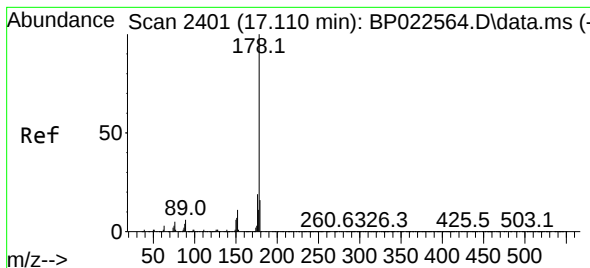
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#61
Fluorene
Concen: 2.684 ng/ul
RT: 15.334 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BP022571.D
Acq: 23 Oct 2024 20:15

Tgt Ion:166 Resp: 82212
Ion Ratio Lower Upper
166 100
165 103.9 77.8 116.6
167 13.3 11.1 16.7





#72

Phenanthrene

Concen: 22.244 ng/ul

RT: 17.110 min Scan# 2401

Delta R.T. -0.005 min

Lab File: BP022571.D

Acq: 23 Oct 2024 20:15

Instrument :

BNA_P

ClientSampleId :

A4F50

Tgt Ion:178 Resp: 1190085

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

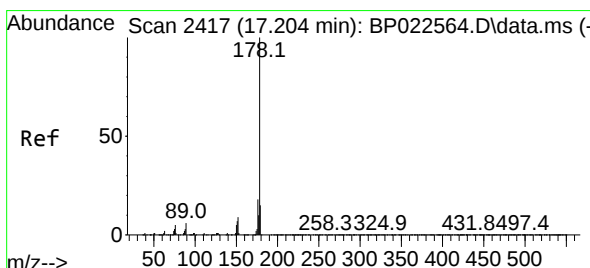
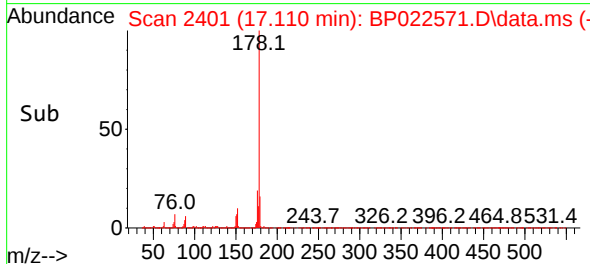
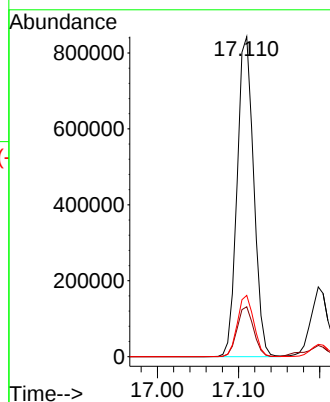
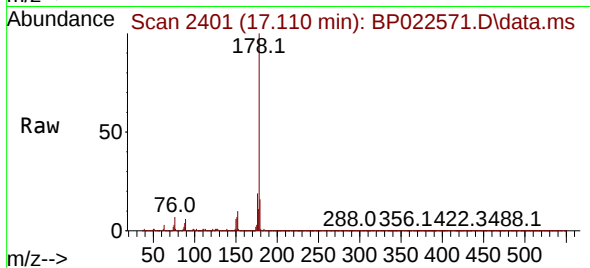
176 19.2 15.7 23.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2024

Supervised By :mohammad ahmed 10/25/2024



#74

Anthracene

Concen: 5.127 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.005 min

Lab File: BP022571.D

Acq: 23 Oct 2024 20:15

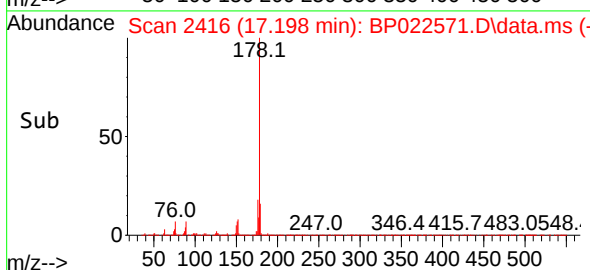
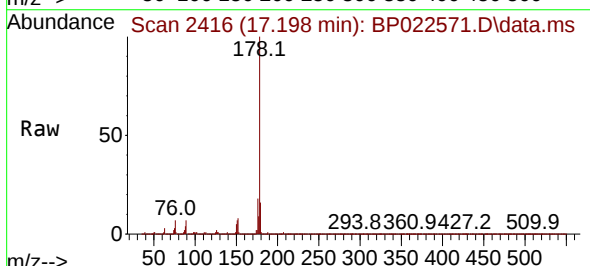
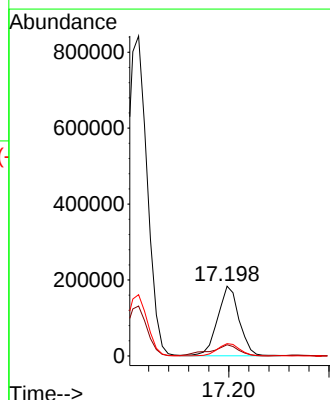
Tgt Ion:178 Resp: 273763

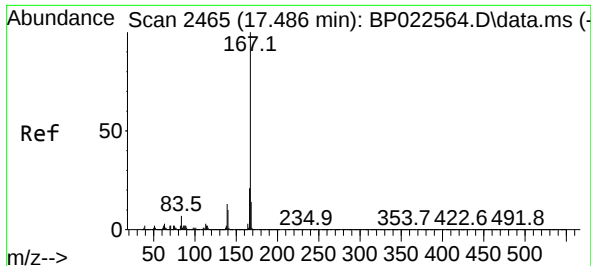
Ion Ratio Lower Upper

178 100

179 16.1 12.0 18.0

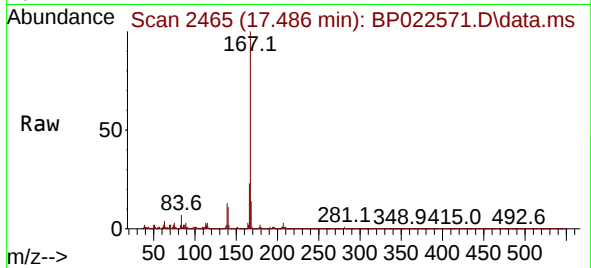
176 17.6 15.0 22.4





#77
 Carbazole
 Concen: 1.898 ng/ul
 RT: 17.486 min Scan# 2465
 Delta R.T. -0.011 min
 Lab File: BP022571.D
 Acq: 23 Oct 2024 20:15

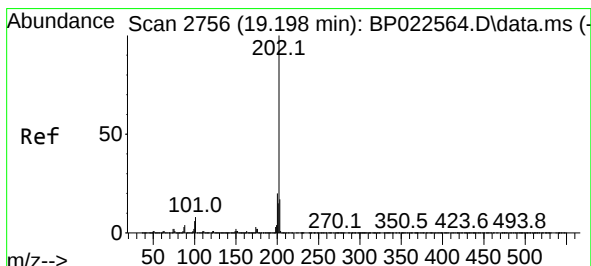
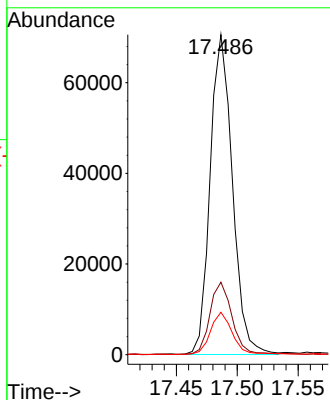
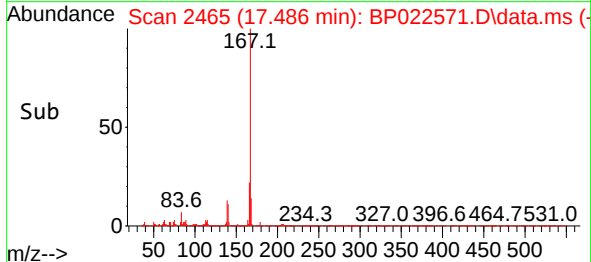
Instrument :
 BNA_P
 ClientSampleId :
 A4F50



Tgt Ion:167 Resp: 8968
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.0 25.6
 139 13.2 10.3 15.5

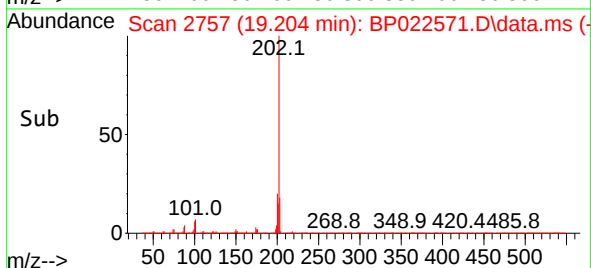
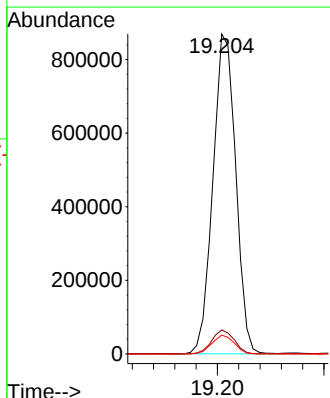
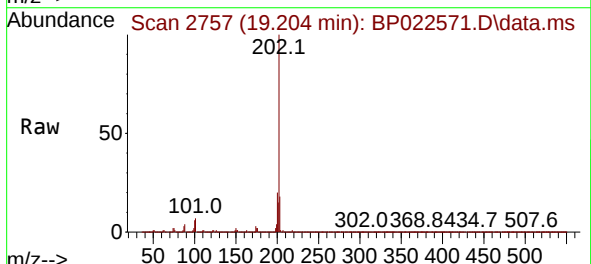
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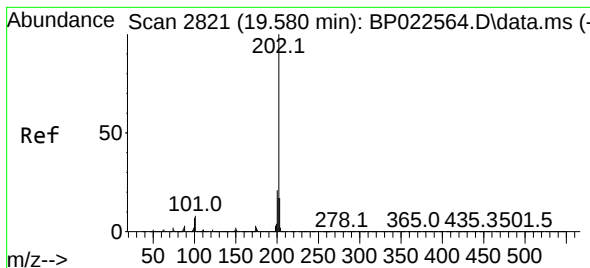
Reviewed By :Jagrut Upadhyay 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024



#80
 Fluoranthene
 Concen: 21.833 ng/ul
 RT: 19.204 min Scan# 2757
 Delta R.T. -0.005 min
 Lab File: BP022571.D
 Acq: 23 Oct 2024 20:15

Tgt Ion:202 Resp: 1290160
 Ion Ratio Lower Upper
 202 100
 101 7.5 5.8 8.8
 100 5.9 4.5 6.7





#82

Pyrene

Concen: 11.680 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022571.D

Acq: 23 Oct 2024 20:15

Instrument :

BNA_P

ClientSampleId :

A4F50

Tgt Ion:202 Resp: 739778

Ion Ratio Lower Upper

202 100

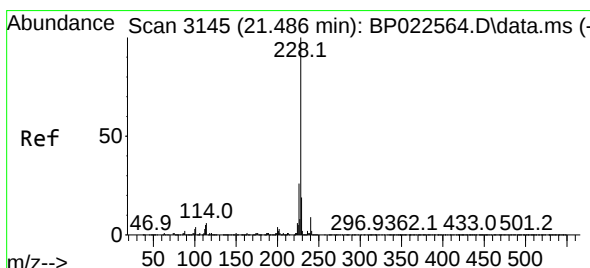
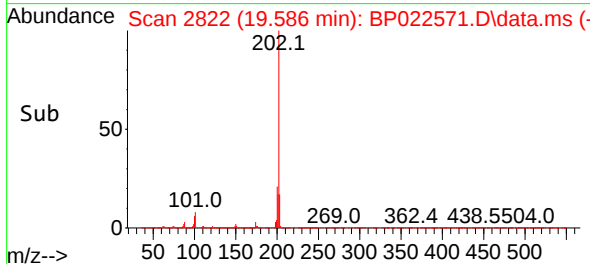
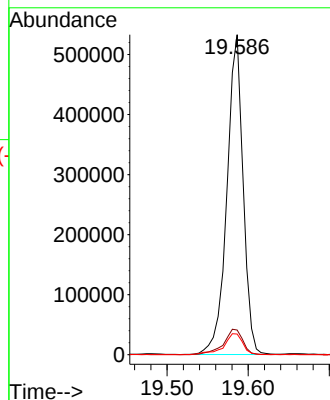
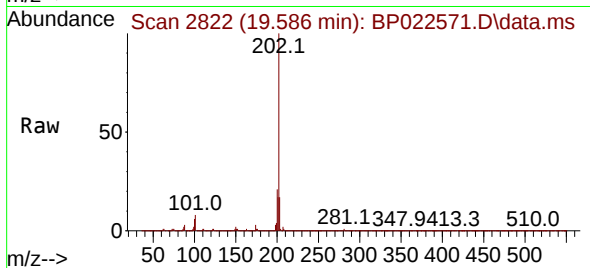
101 7.7 6.7 10.1

100 6.4 5.8 8.6

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#85

Benzo(a)anthracene

Concen: 6.817 ng/ul

RT: 21.486 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BP022571.D

Acq: 23 Oct 2024 20:15

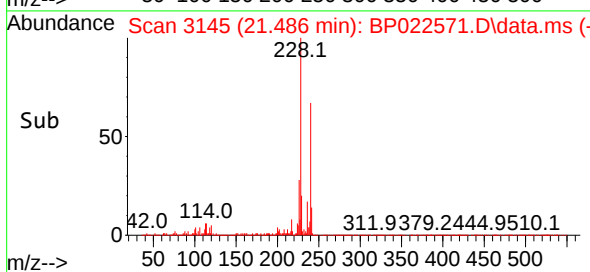
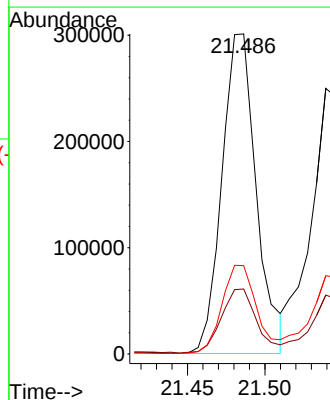
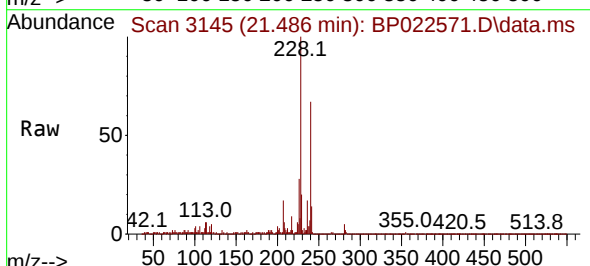
Tgt Ion:228 Resp: 464520

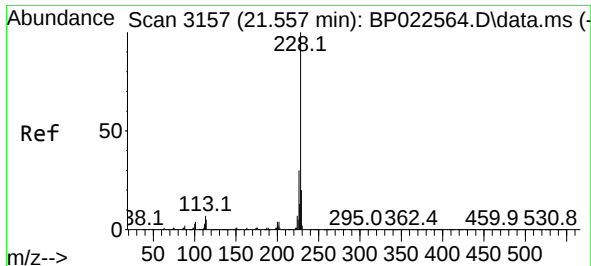
Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

226 27.6 21.5 32.3





#87

Chrysene

Concen: 6.456 ng/uI

RT: 21.539 min Scan# 3157

Delta R.T. -0.005 min

Lab File: BP022571.D

Acq: 23 Oct 2024 20:15

Instrument :

BNA_P

ClientSampleId :

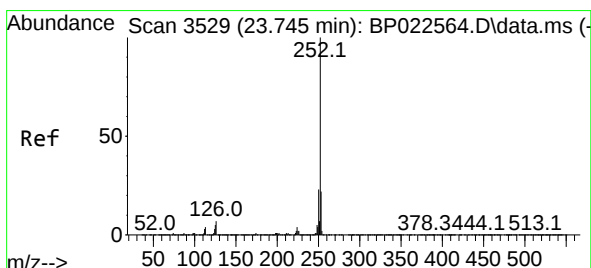
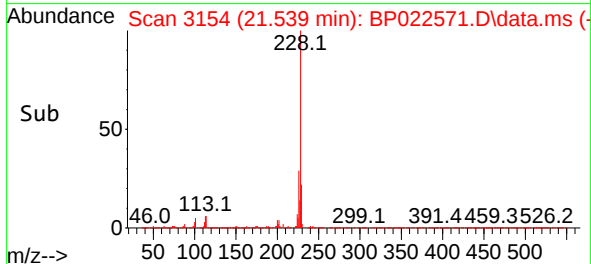
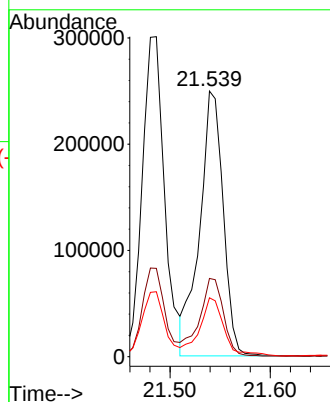
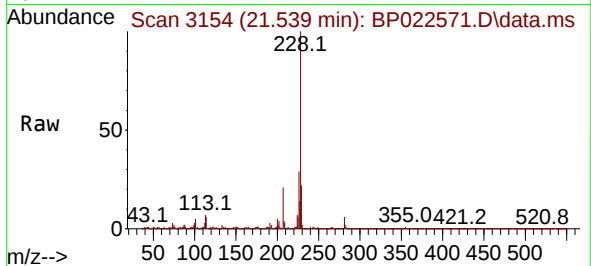
A4F50

Tgt Ion:228	Resp: 40792
Ion Ratio	Lower Upper
228 100	
226 29.5	23.8 35.8
229 22.2	15.5 23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 6.901 ng/uI

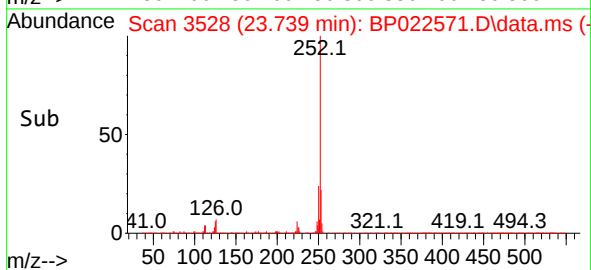
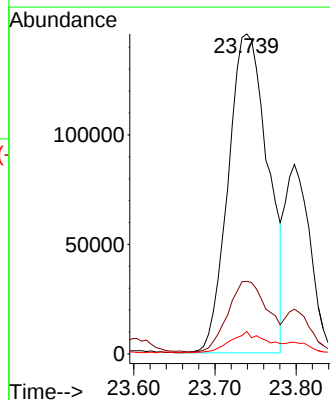
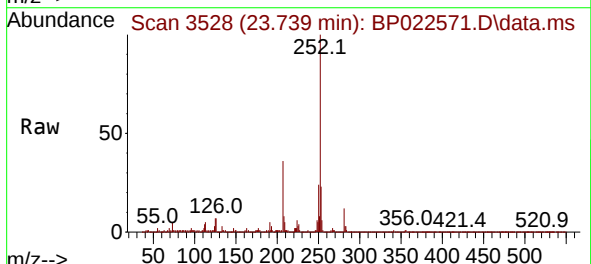
RT: 23.739 min Scan# 3528

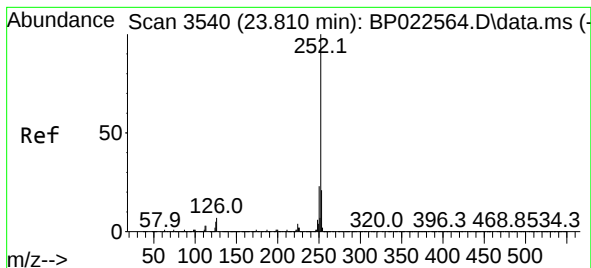
Delta R.T. 0.018 min

Lab File: BP022571.D

Acq: 23 Oct 2024 20:15

Tgt Ion:252	Resp: 495073
Ion Ratio	Lower Upper
252 100	
253 22.7	17.8 26.8
125 7.0	5.0 7.4





#91

Benzo(k)fluoranthene

Concen: 2.597 ng/ul

RT: 23.798 min Scan# 3540

Delta R.T. 0.006 min

Lab File: BP022571.D

Acq: 23 Oct 2024 20:15

Instrument :

BNA_P

ClientSampleId :

A4F50

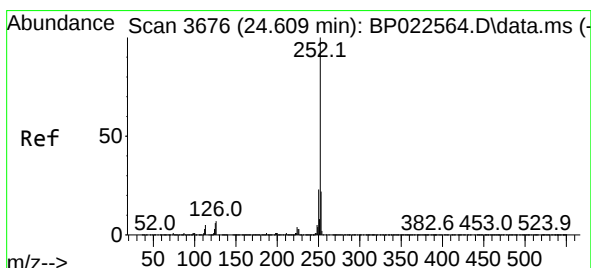
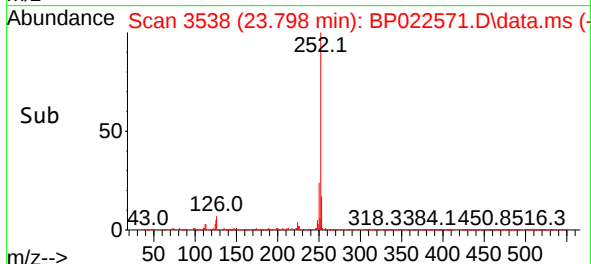
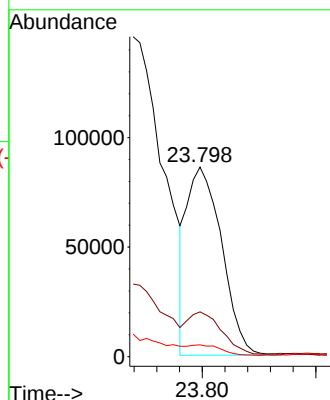
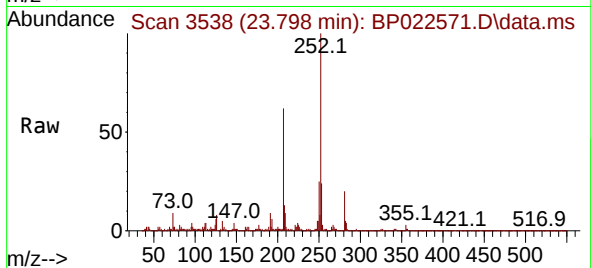
Tgt Ion:252 Resp: 182419

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	6.2	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



#93

Benzo(a)pyrene

Concen: 2.448 ng/ul

RT: 24.610 min Scan# 3676

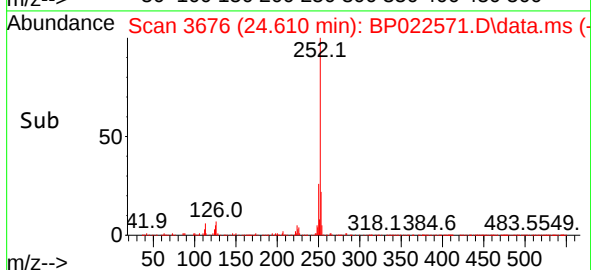
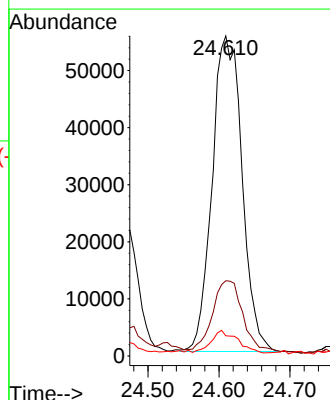
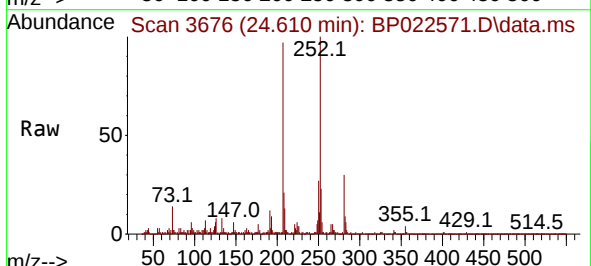
Delta R.T. 0.006 min

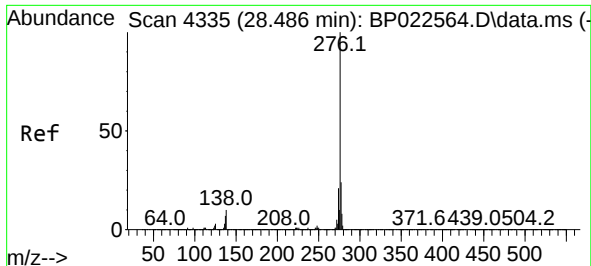
Lab File: BP022571.D

Acq: 23 Oct 2024 20:15

Tgt Ion:252 Resp: 161612

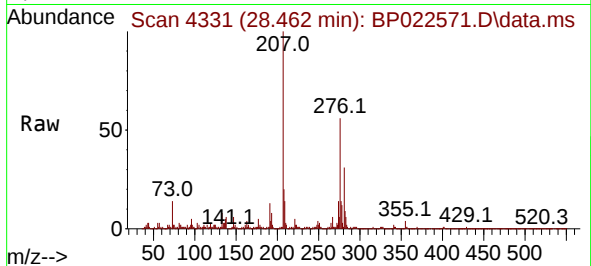
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	6.3	4.9	7.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.679 ng/ul m
RT: 28.462 min Scan# 4331
Delta R.T. 0.030 min
Lab File: BP022571.D
Acq: 23 Oct 2024 20:15

Instrument :
BNA_P
ClientSampleId :
A4F50



Tgt Ion: 276 Resp: 147915
Ion Ratio Lower Upper
276 100
138 10.7 9.1 13.7
277 24.9 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

