

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015634.D
 Acq On : 20 Jun 2023 22:07
 Operator : MA/JU
 Sample : 03080-14DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

Quant Time: Jun 20 23:49:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	89071	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	390921	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	256535	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	625474	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	618852	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	665337	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	4009	1.667	ng/uL	0.00
4) Pyridine-d5	3.858	84	32602	5.218	ng/u1	0.01
7) Phenol-d5	7.246	99	87251	10.633	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	52696	10.753	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	72382	12.166	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	67922	10.086	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	35760	11.652	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	40484	11.551	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	71188	11.134	ng/u1	0.01
31) 4-Chloroaniline-d4	11.069	131	36261	3.951	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	258595	12.783	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	304759	13.778	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	27152m	7.495	ng/u1	0.04
60) Fluorene-d10	15.722	176	237570	13.927	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	20776	5.243	ng/u1	0.01
73) Anthracene-d10	17.581	188	400981	14.090	ng/u1	0.00
81) Pyrene-d10	19.810	212	522852	15.786	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	476130	14.262	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	83175	3.395	ng/u1	98
72) Phenanthrene	17.528	178	311183	9.271	ng/u1	98
74) Anthracene	17.616	178	104306	3.063	ng/u1	97
80) Fluoranthene	19.480	202	1216971	30.164	ng/u1	97
82) Pyrene	19.833	202	1172182	28.082	ng/u1	98
85) Benzo(a)anthracene	21.551	228	709716	16.405	ng/u1	98
87) Chrysene	21.604	228	833379	20.380	ng/u1	96
90) Benzo(b)fluoranthene	23.333	252	1622919	37.788	ng/u1	99
91) Benzo(k)fluoranthene	23.380	252	466020m	11.225	ng/u1	
93) Benzo(a)pyrene	24.004	252	988181	26.391	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.815	276	853495	17.613	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.821	278	210585	5.334	ng/u1#	78
96) Benzo(g,h,i)perylene	27.657	276	785368	19.666	ng/u1	99

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

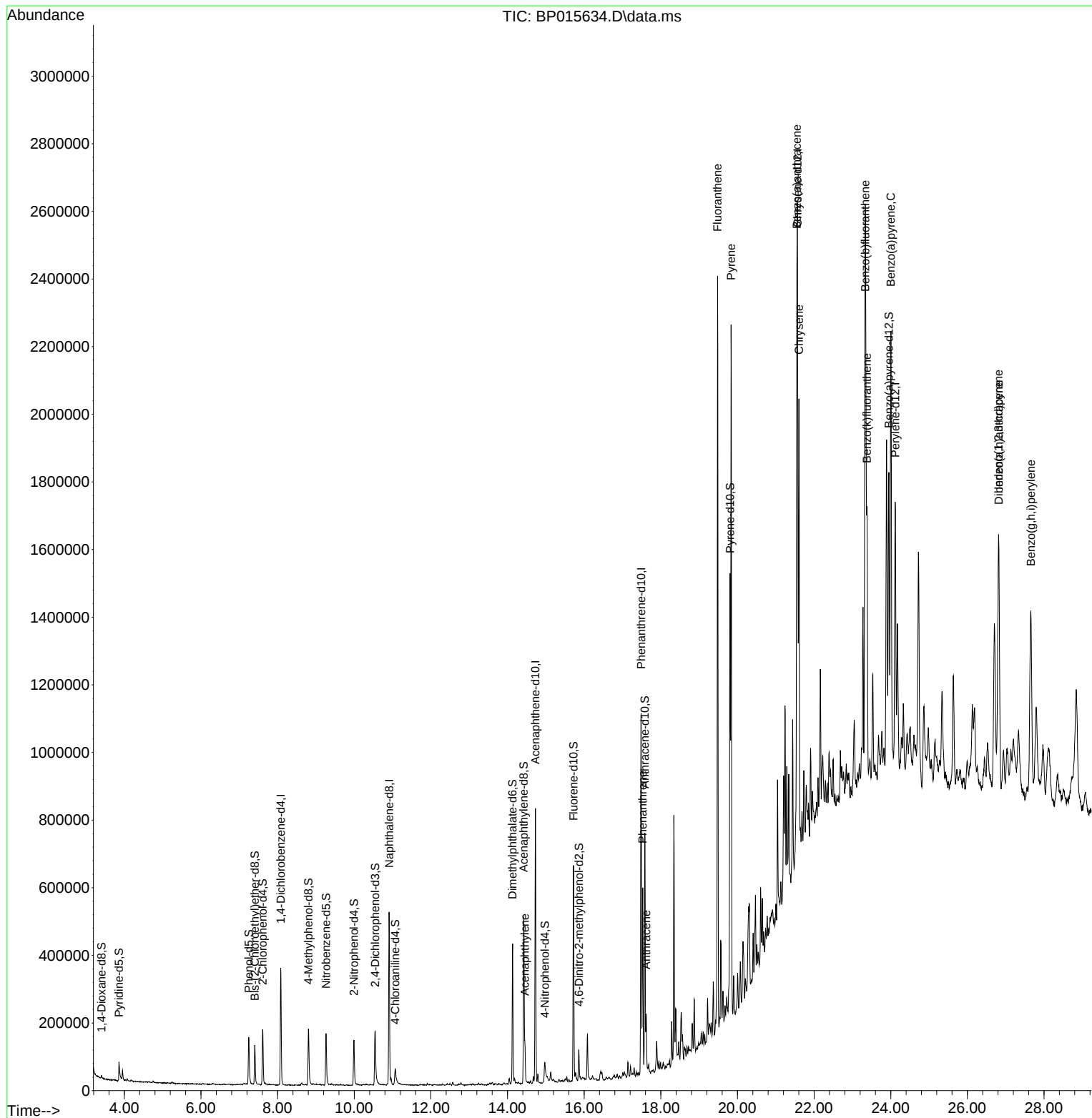
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 Data File : BP015634.D
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 Sample : 03080-14DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

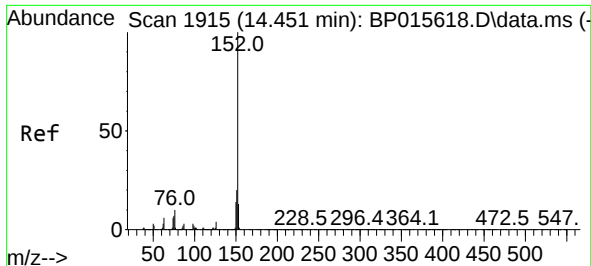
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ3DL

Quant Time: Jun 20 23:49:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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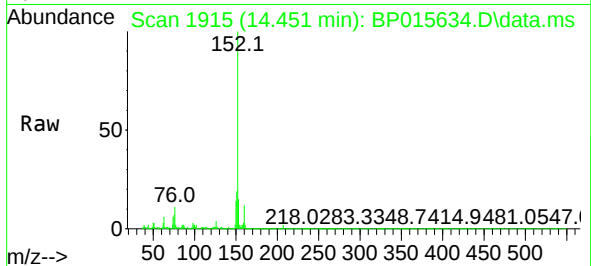
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023





#50
Acenaphthylene
Concen: 3.395 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP015634.D
Acq: 20 Jun 2023 22:07

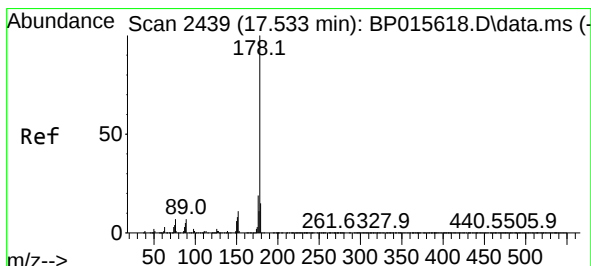
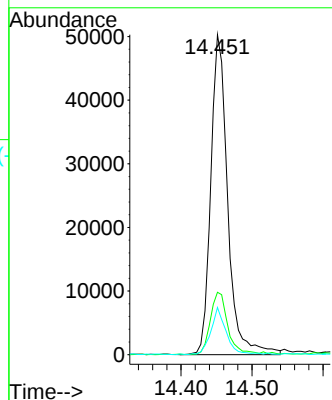
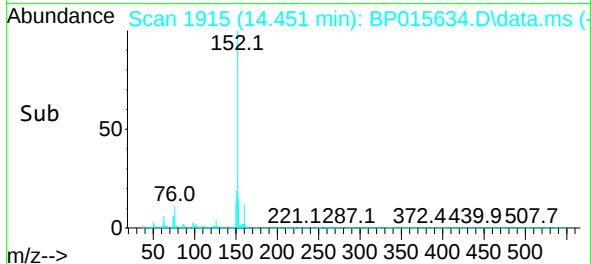
Instrument : BNA_P
Client SampleId : DCFJ3DL



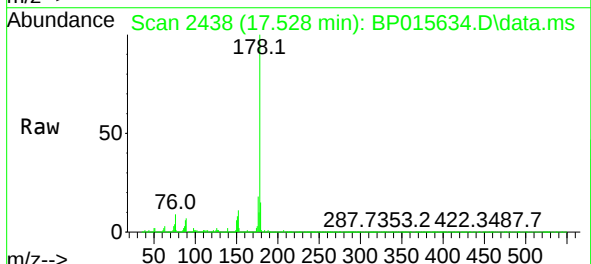
Tgt Ion:152 Resp: 83179
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 14.7 10.6 15.8

Manual Integrations
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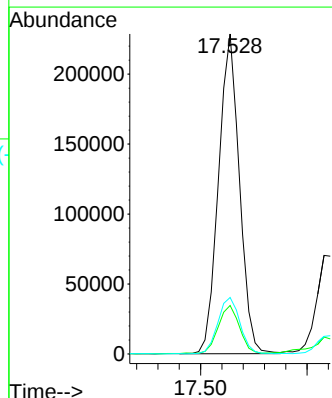
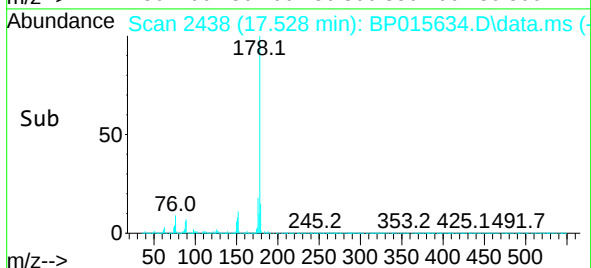
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

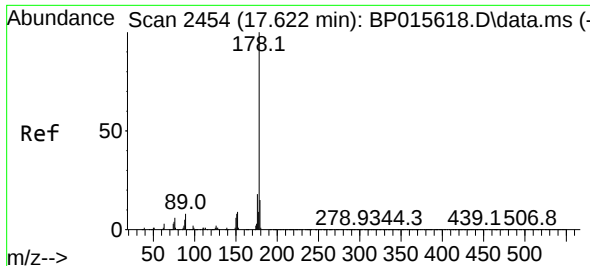


#72
Phenanthrene
Concen: 9.271 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015634.D
Acq: 20 Jun 2023 22:07



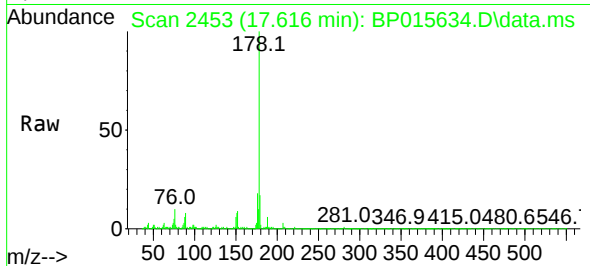
Tgt Ion:178 Resp: 311183
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 17.7 15.4 23.0





#74
 Anthracene
 Concen: 3.063 ng/u1
 RT: 17.616 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BP015634.D
 Acq: 20 Jun 2023 22:07

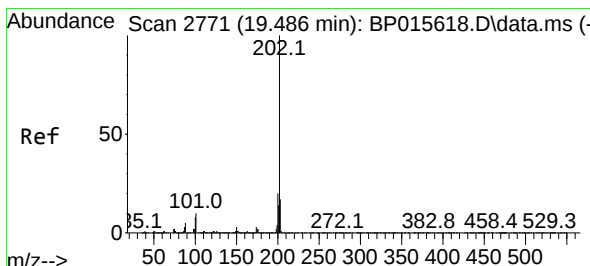
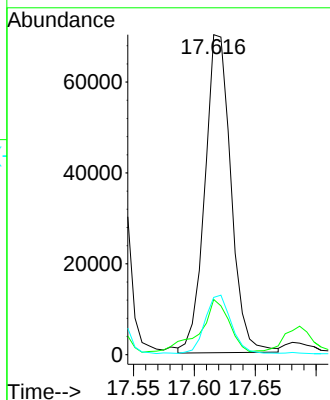
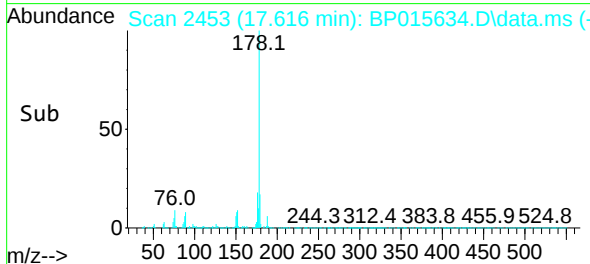
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ3DL



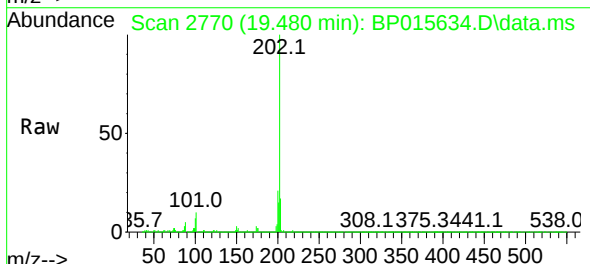
Tgt Ion:178 Resp: 104300
 Ion Ratio Lower Upper
 178 100
 179 17.3 12.4 18.6
 176 17.9 15.0 22.4

Manual Integrations
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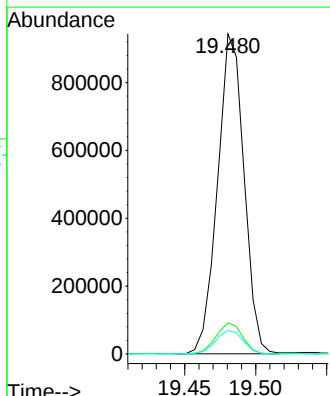
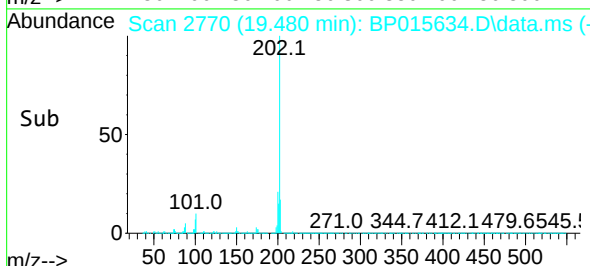
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

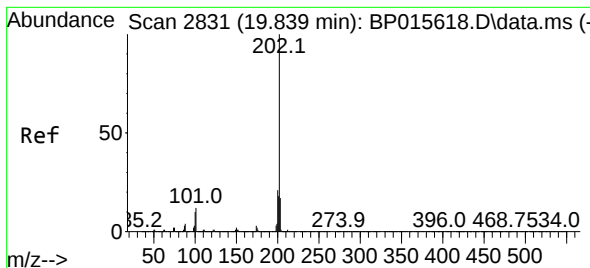


#80
 Fluoranthene
 Concen: 30.164 ng/u1
 RT: 19.480 min Scan# 2770
 Delta R.T. -0.006 min
 Lab File: BP015634.D
 Acq: 20 Jun 2023 22:07



Tgt Ion:202 Resp: 1216971
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.6 13.0
 100 7.4 6.6 9.8





#82

Pyrene

Concen: 28.082 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015634.D

Acq: 20 Jun 2023 22:07

Instrument :

BNA_P

ClientSampleId :

DCFJ3DL

Tgt Ion:202 Resp: 117218

Ion Ratio Lower Upper

202 100

101 11.9 9.9 14.9

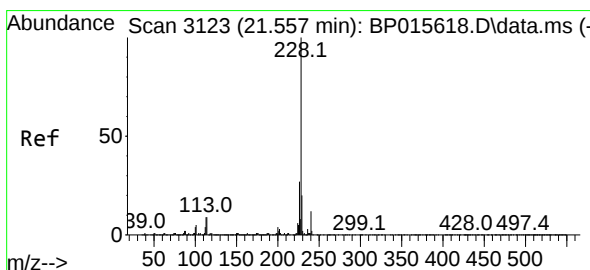
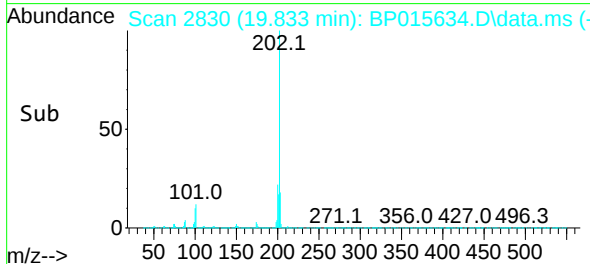
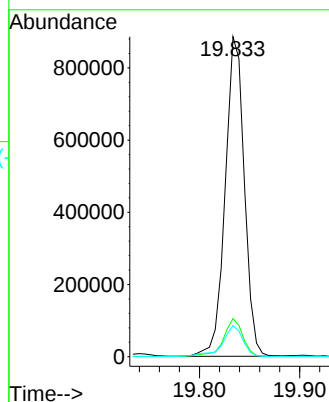
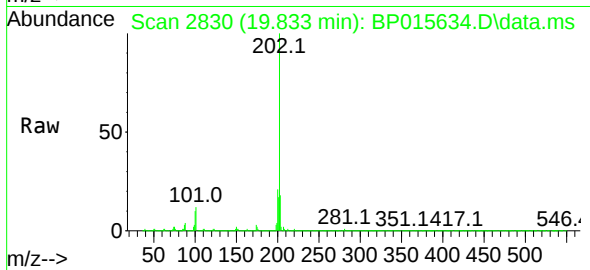
100 9.8 8.4 12.6

Manual Integrations

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Supervised By :mohammad ahmed 06/22/2023



#85

Benzo(a)anthracene

Concen: 16.405 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015634.D

Acq: 20 Jun 2023 22:07

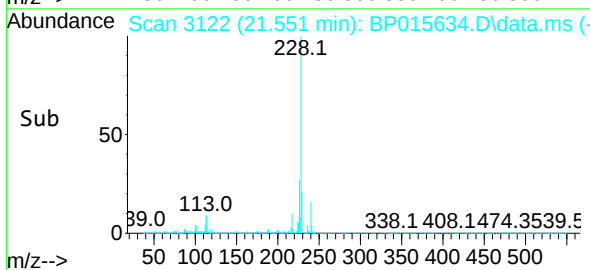
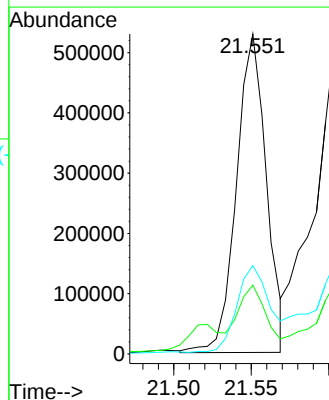
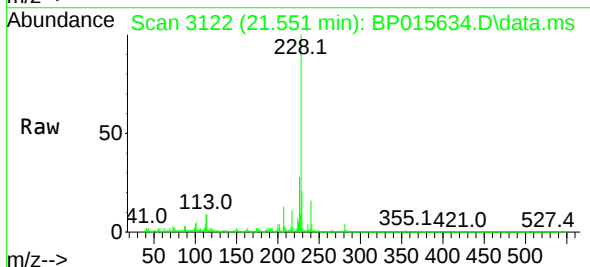
Tgt Ion:228 Resp: 709716

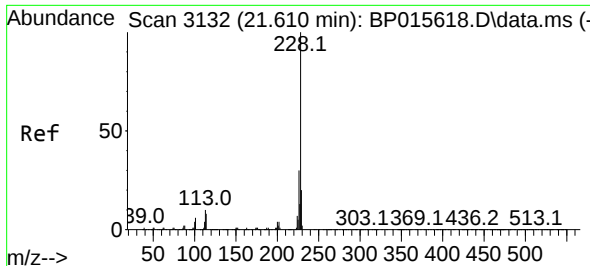
Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.6

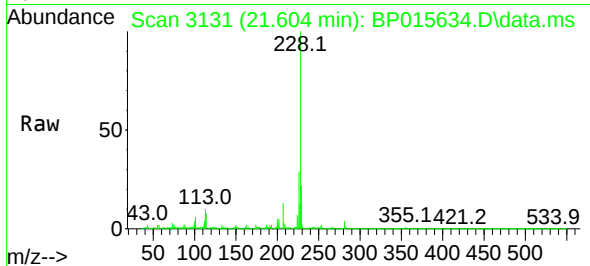
226 27.6 21.8 32.6





#87
Chrysene
Concen: 20.380 ng/u1
RT: 21.604 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BP015634.D
Acq: 20 Jun 2023 22:07

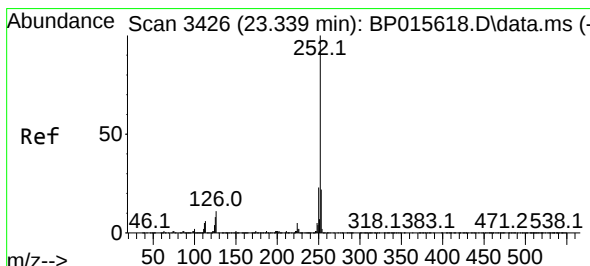
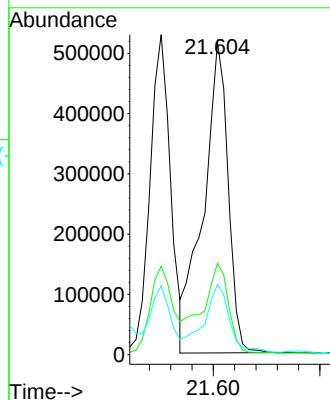
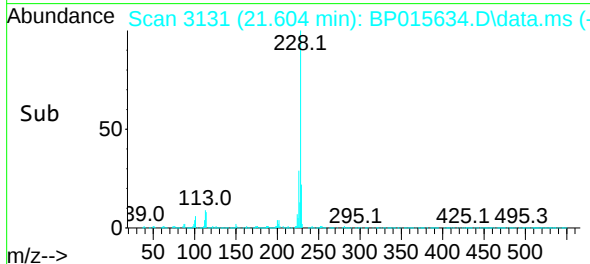
Instrument :
BNA_P
ClientSampleId :
DCFJ3DL



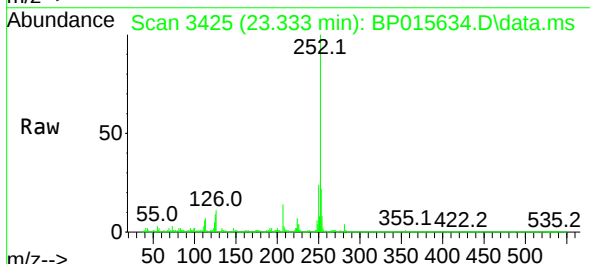
Tgt Ion:228 Resp: 833379
Ion Ratio Lower Upper
228 100
226 29.3 23.9 35.9
229 22.5 15.1 22.7

Manual Integrations
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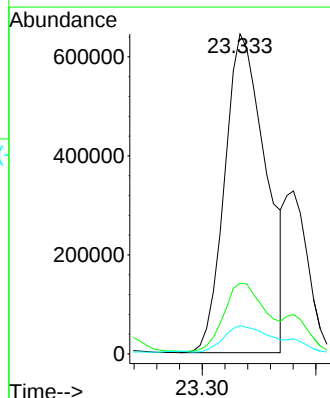
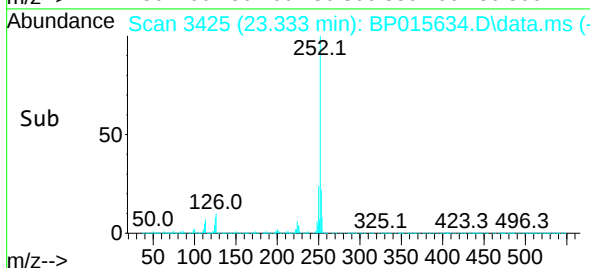
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

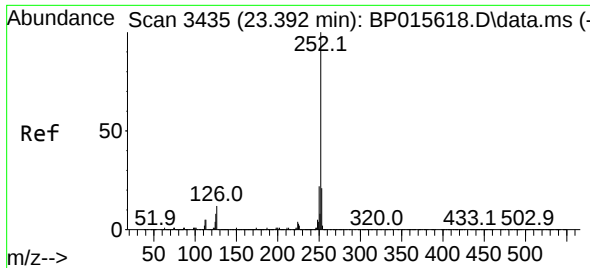


#90
Benzo(b)fluoranthene
Concen: 37.788 ng/u1
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015634.D
Acq: 20 Jun 2023 22:07



Tgt Ion:252 Resp: 1622919
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.9 7.3 10.9





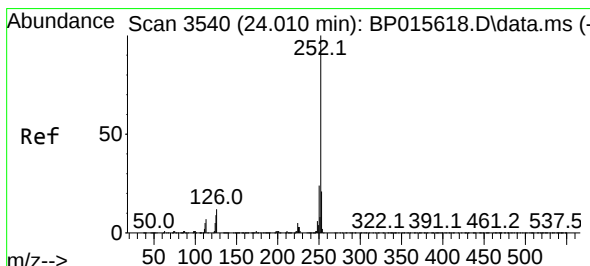
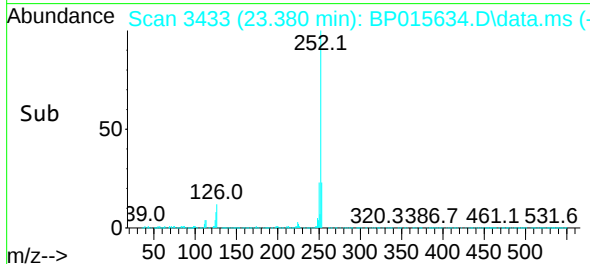
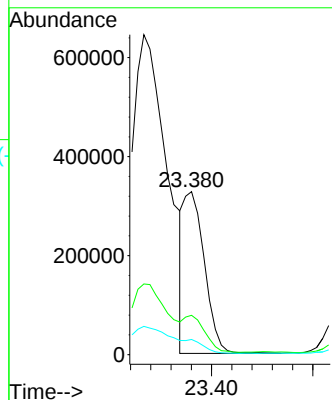
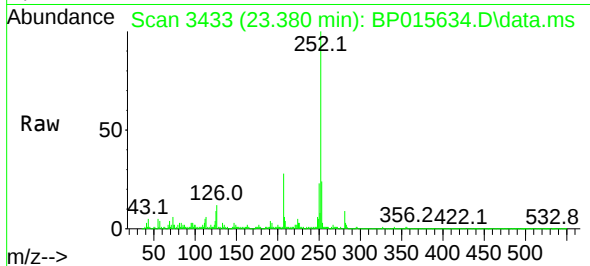
#91
Benzo(k)fluoranthene
Concen: 11.225 ng/ul m
RT: 23.380 min Scan# 3435
Delta R.T. -0.000 min
Lab File: BP015634.D
Acq: 20 Jun 2023 22:07

Instrument :
BNA_P
ClientSampleId :
DCFJ3DL

Tgt Ion:252 Resp: 466020
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 9.3 7.3 10.9

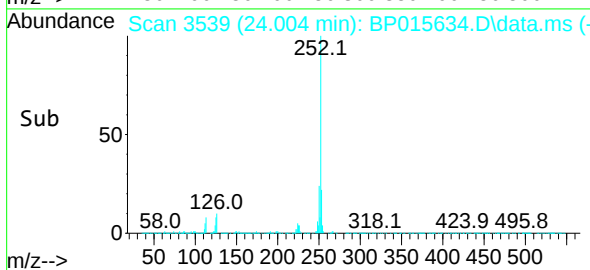
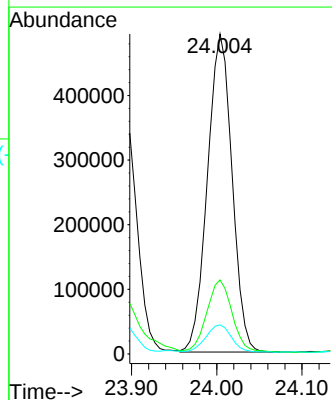
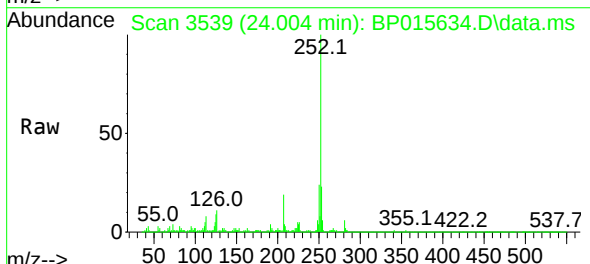
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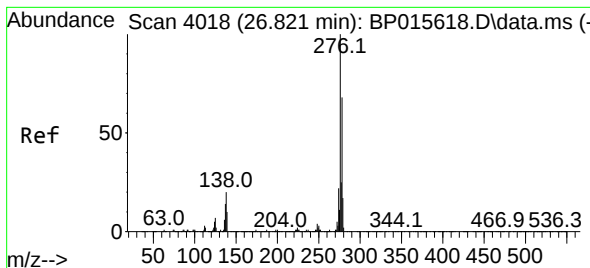
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023



#93
Benzo(a)pyrene
Concen: 26.391 ng/ul
RT: 24.004 min Scan# 3539
Delta R.T. 0.000 min
Lab File: BP015634.D
Acq: 20 Jun 2023 22:07

Tgt Ion:252 Resp: 988181
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 9.1 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 17.613 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP015634.D

Acq: 20 Jun 2023 22:07

Instrument :

BNA_P

ClientSampleId :

DCFJ3DL

Tgt Ion:276 Resp: 85349

Ion Ratio Lower Upper

276 100

138 16.3 17.3 25.9

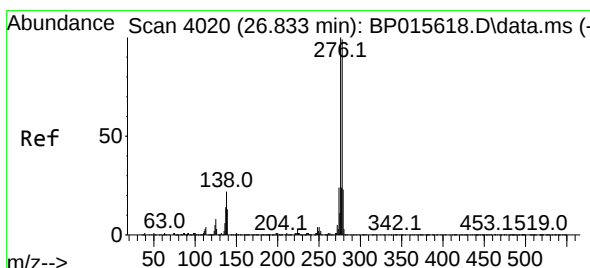
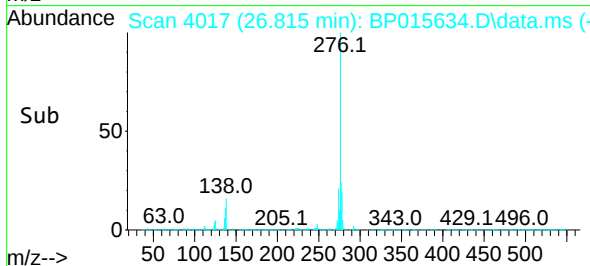
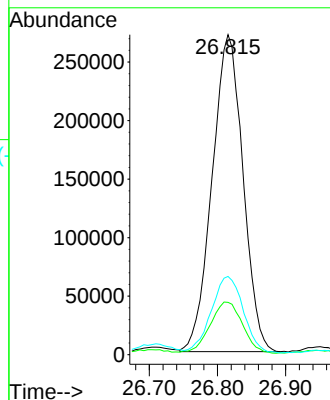
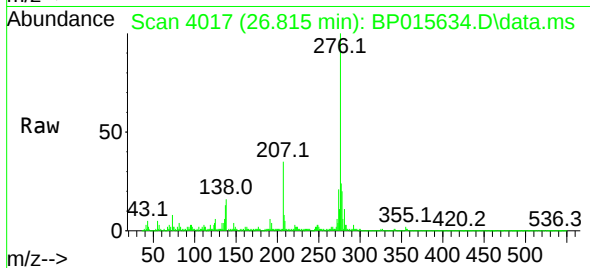
277 24.5 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/22/2023



#95

Dibenzo(a,h)anthracene

Concen: 5.334 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. -0.006 min

Lab File: BP015634.D

Acq: 20 Jun 2023 22:07

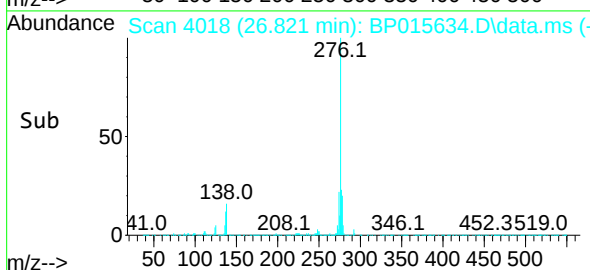
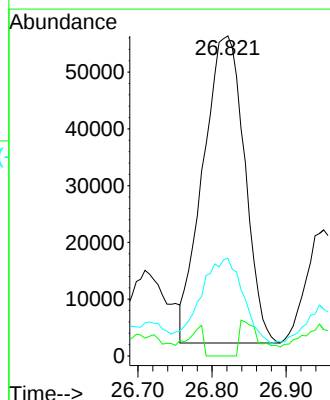
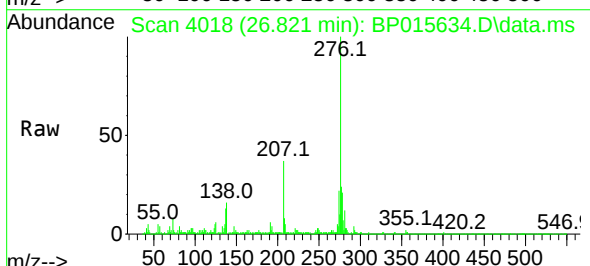
Tgt Ion:278 Resp: 210585

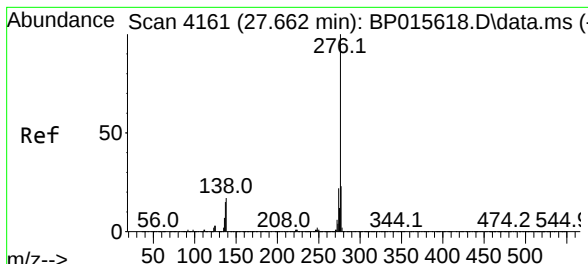
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

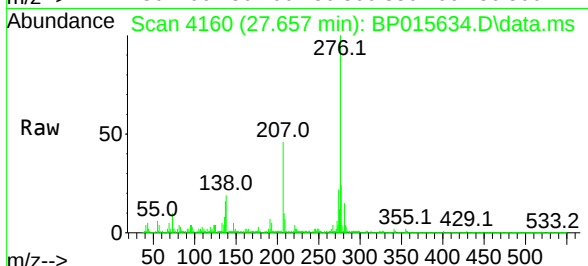
279 30.5 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 19.666 ng/ul
 RT: 27.657 min Scan# 4160
 Delta R.T. 0.018 min
 Lab File: BP015634.D
 Acq: 20 Jun 2023 22:07

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ3DL



Tgt Ion: 276 Resp: 78536

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.6	23.4
277	23.8	19.0	28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

