

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015672.D
 Acq On : 23 Jun 2023 15:30
 Operator : MA/JU
 Sample : 03083-13DL2 30X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL1DL2

Quant Time: Jun 24 02:27:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	103545	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	387964	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	234069	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	512532	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	521187	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	637762	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.640	132	3366m	0.487	ng/ul	0.04
15) 4-Methylphenol-d8	8.934	113	3088m	0.394	ng/ul	0.13
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.151	166	10978	0.595	ng/ul	0.02
49) Acenaphthylene-d8	14.428	160	12191	0.604	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.734	176	9484	0.609	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.598	188	21844m	0.937	ng/ul	0.00
81) Pyrene-d10	19.816	212	21522	0.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	23581	0.737	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.798	153	25773	1.668	ng/ul	91
61) Fluorene	15.792	166	23996	1.344	ng/ul	99
72) Phenanthrene	17.539	178	501614	18.238	ng/ul	99
74) Anthracene	17.633	178	113793	4.078	ng/ul	98
80) Fluoranthene	19.492	202	984082	28.962	ng/ul	99
82) Pyrene	19.851	202	786120	22.363	ng/ul	97
85) Benzo(a)anthracene	21.569	228	471374	12.937	ng/ul	99
87) Chrysene	21.621	228	458567	13.315	ng/ul	96
90) Benzo(b)fluoranthene	23.357	252	668995	16.251	ng/ul	98
91) Benzo(k)fluoranthene	23.404	252	208353m	5.236	ng/ul	
93) Benzo(a)pyrene	24.033	252	438269	12.211	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.851	276	345523	7.439	ng/ul	96
95) Dibenzo(a,h)anthracene	26.856	278	95124	2.514	ng/ul#	78
96) Benzo(g,h,i)perylene	27.698	276	313571	8.192	ng/ul	96

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

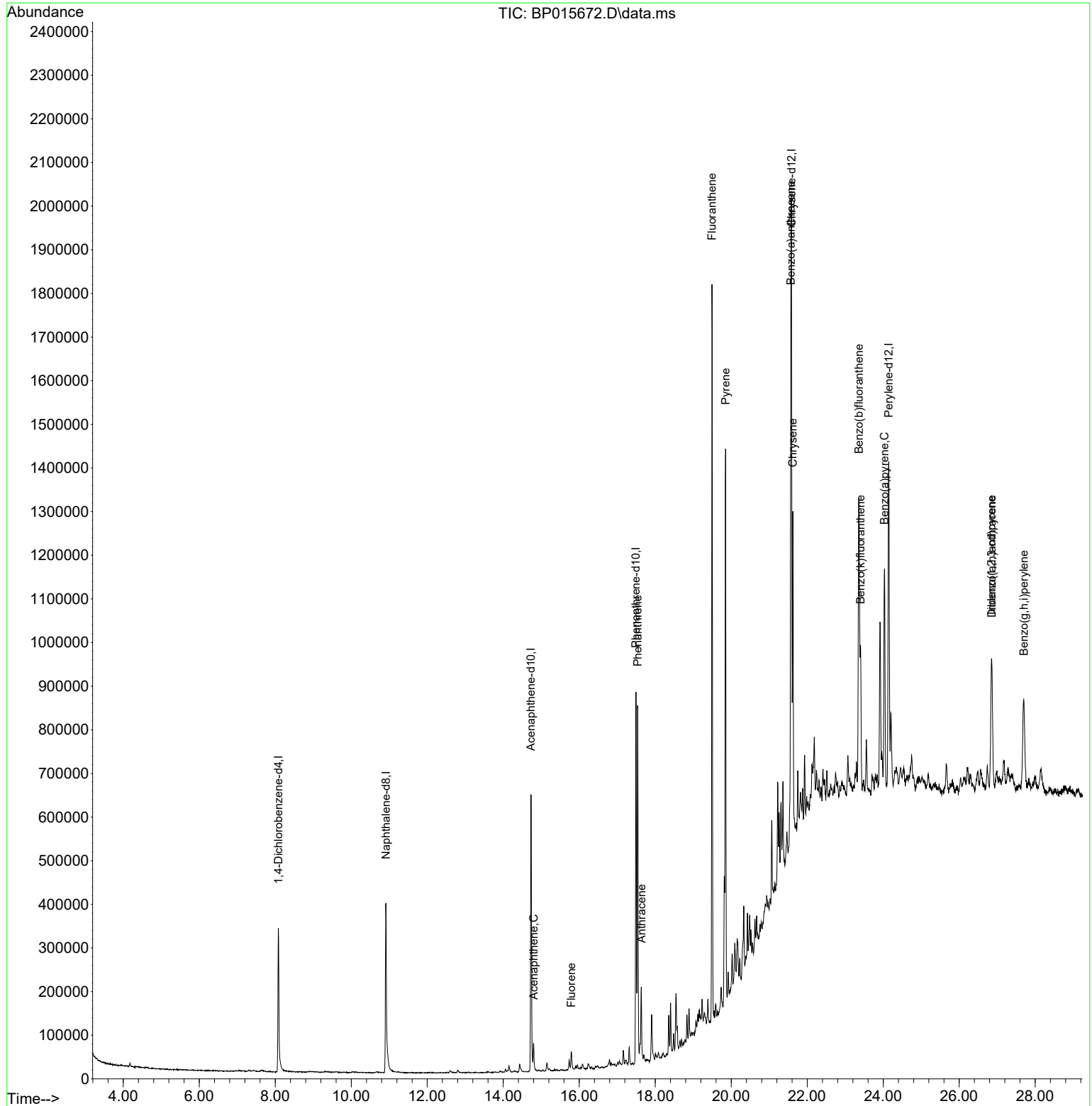
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

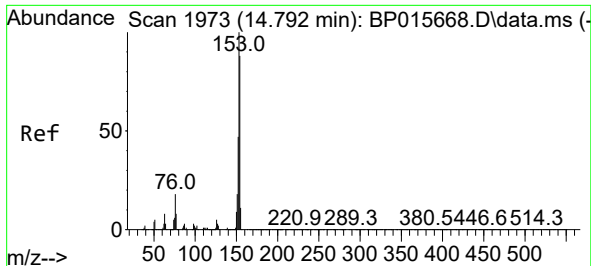
Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

Quant Time: Jun 24 02:27:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
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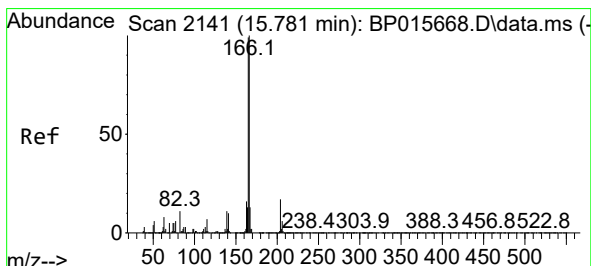
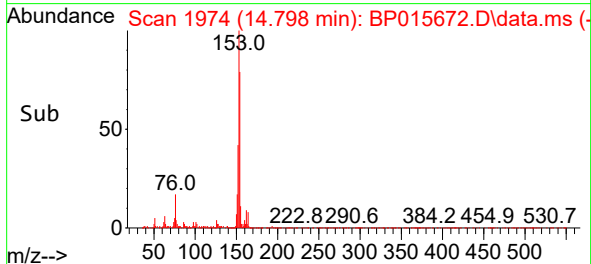
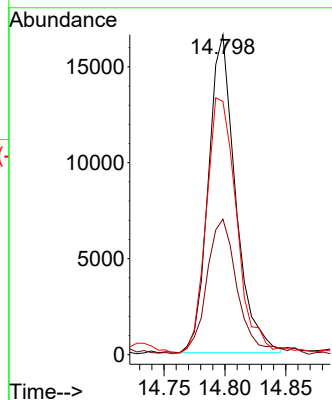
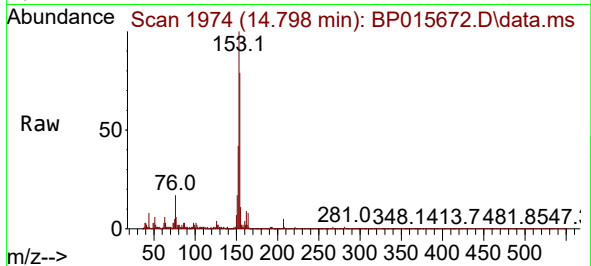
#52
Acenaphthene
Concen: 1.668 ng/ul
RT: 14.798 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

Tgt Ion:153 Resp: 2577
Ion Ratio Lower Upper
153 100
152 42.3 38.3 57.5
154 79.2 69.8 104.6

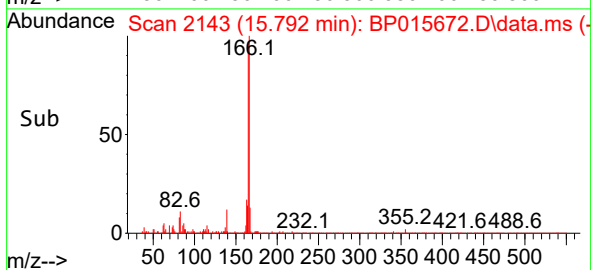
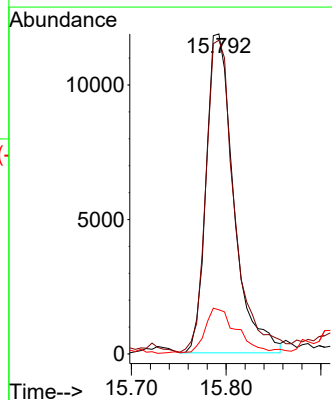
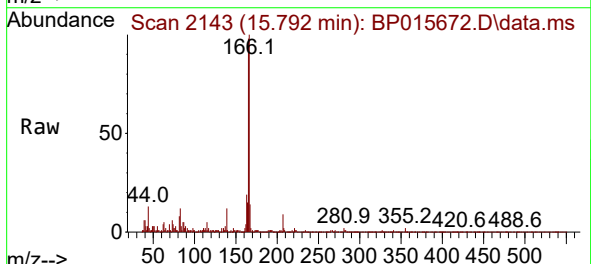
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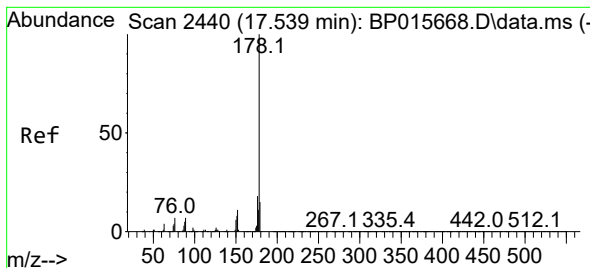
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#61
Fluorene
Concen: 1.344 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

Tgt Ion:166 Resp: 23996
Ion Ratio Lower Upper
166 100
165 98.1 79.1 118.7
167 13.8 10.6 16.0





#72

Phenanthrene

Concen: 18.238 ng/ul

RT: 17.539 min Scan# 2440

Delta R.T. 0.006 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCFL1DL2

Tgt Ion:178 Resp: 501614

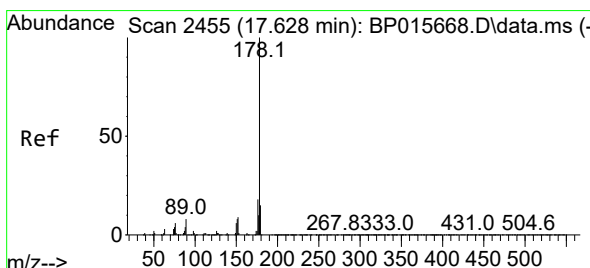
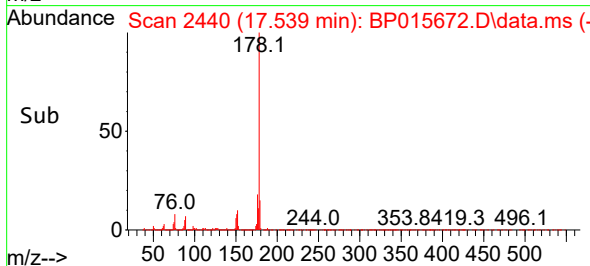
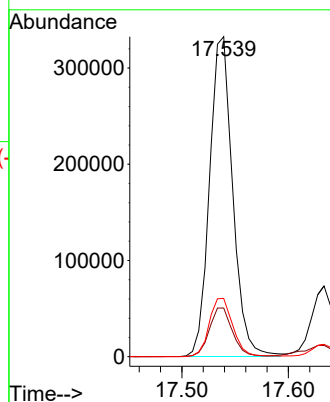
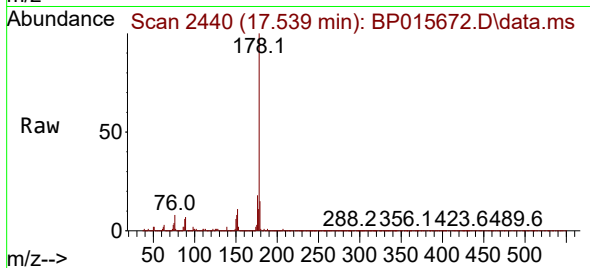
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.2	15.4	23.0

Manual Integrations

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#74

Anthracene

Concen: 4.078 ng/ul

RT: 17.633 min Scan# 2456

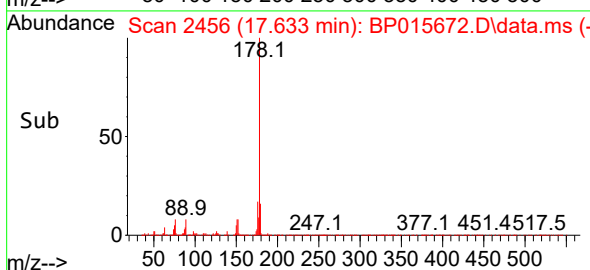
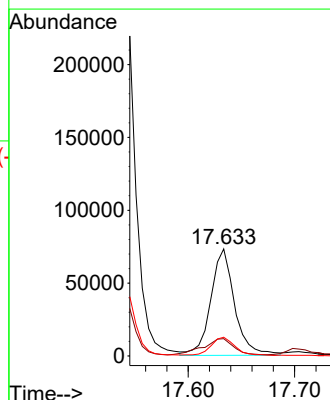
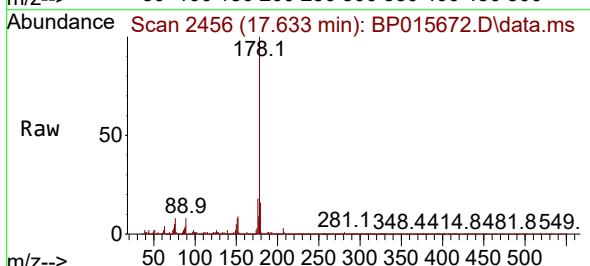
Delta R.T. 0.006 min

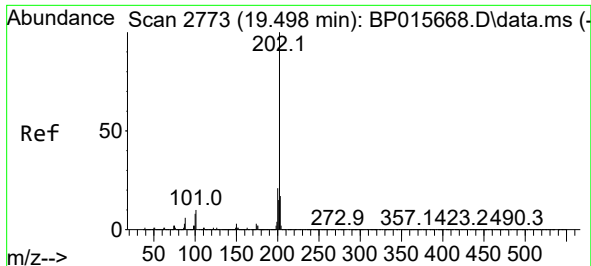
Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

Tgt Ion:178 Resp: 113793

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	17.5	15.0	22.4





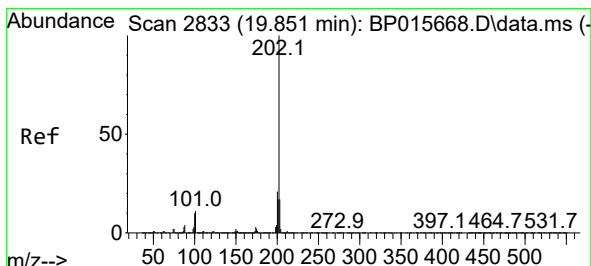
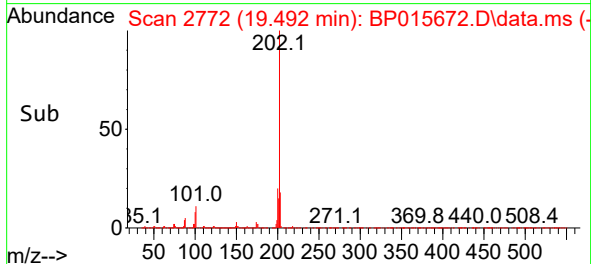
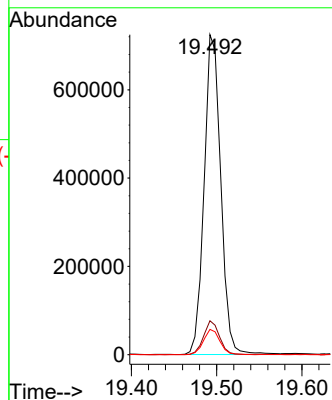
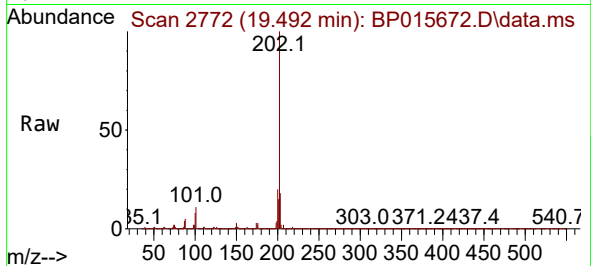
#80
Fluoranthene
Concen: 28.962 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

Tgt Ion:202 Resp: 98408
Ion Ratio Lower Upper
202 100
101 10.6 8.6 13.0
100 7.9 6.6 9.8

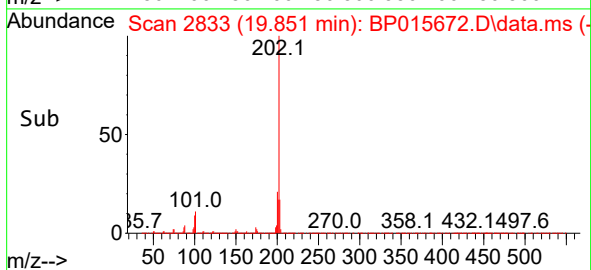
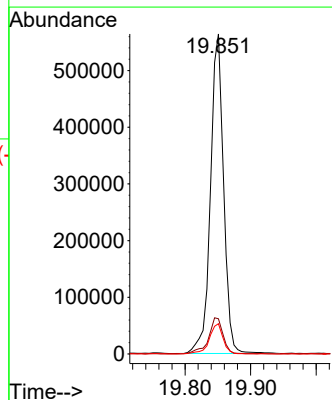
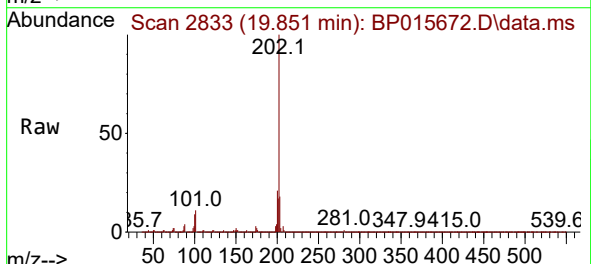
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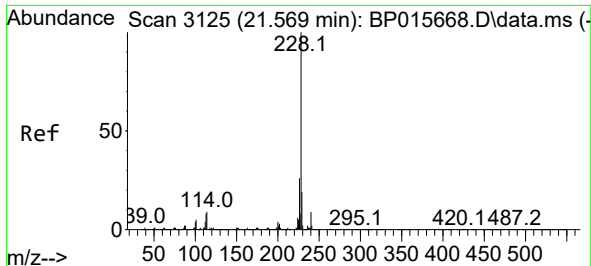
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#82
Pyrene
Concen: 22.363 ng/ul
RT: 19.851 min Scan# 2833
Delta R.T. 0.006 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

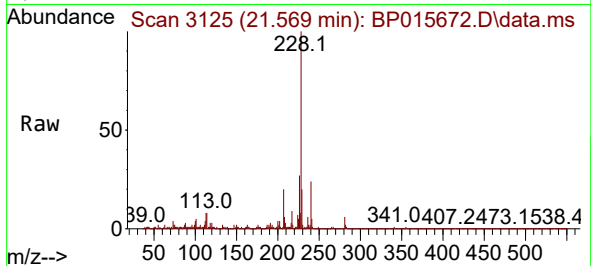
Tgt Ion:202 Resp: 786120
Ion Ratio Lower Upper
202 100
101 11.0 9.9 14.9
100 9.4 8.4 12.6





#85
Benzo(a)anthracene
Concen: 12.937 ng/ul
RT: 21.569 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

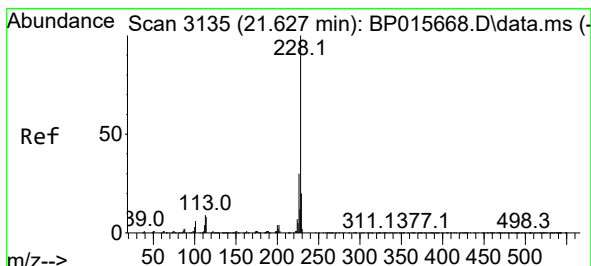
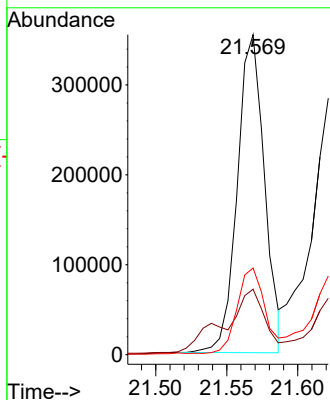
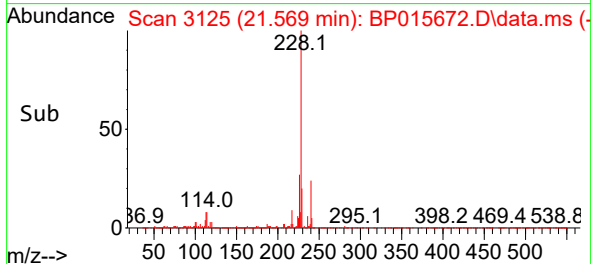
Instrument :
BNA_P
ClientSampleId :
DCFL1DL2



Tgt Ion:228 Resp: 471374
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 27.1 21.8 32.6

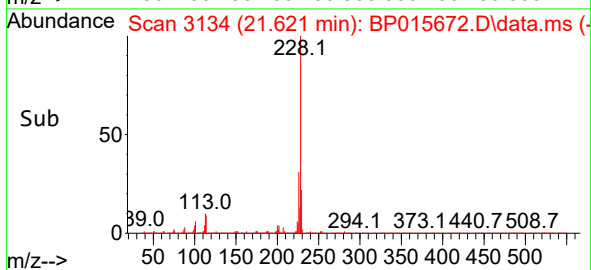
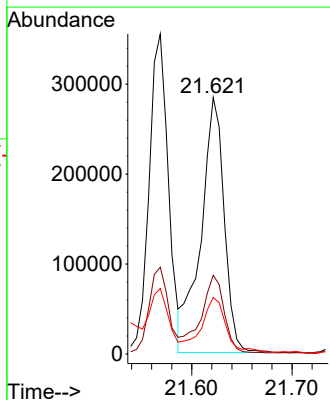
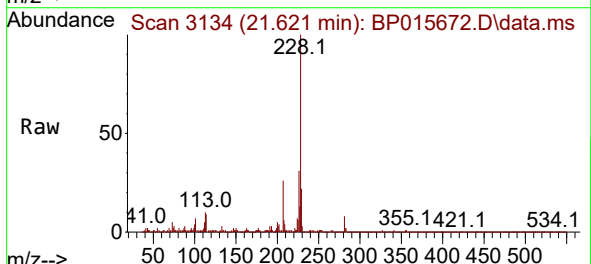
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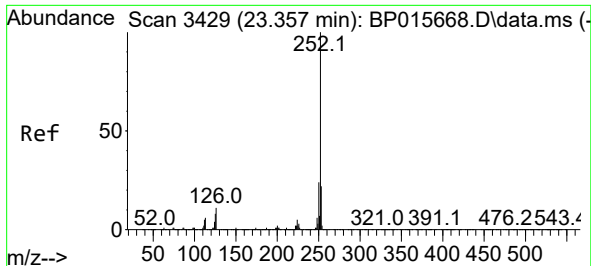
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#87
Chrysene
Concen: 13.315 ng/ul
RT: 21.621 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

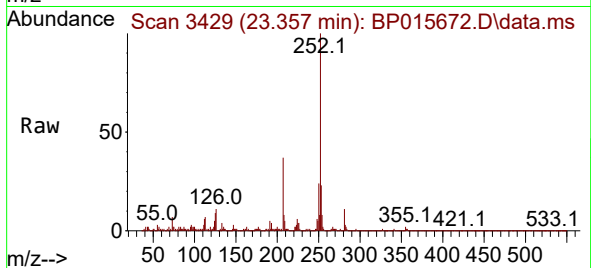
Tgt Ion:228 Resp: 458567
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 22.0 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 16.251 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

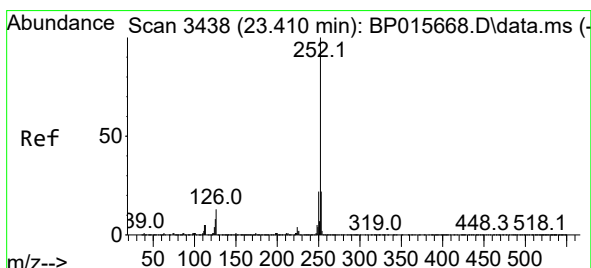
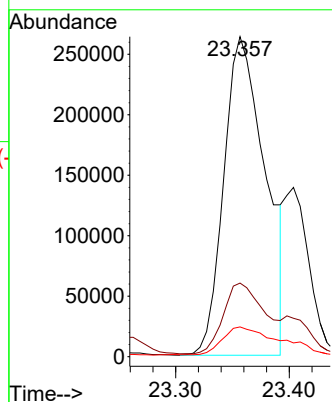
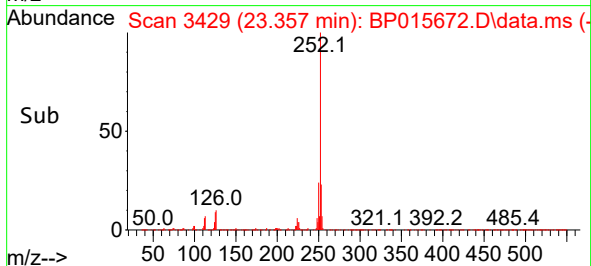
Instrument :
BNA_P
ClientSampleId :
DCFL1DL2



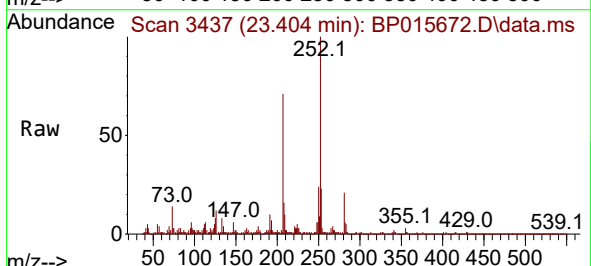
Tgt Ion:252 Resp: 66899
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 9.3 7.3 10.9

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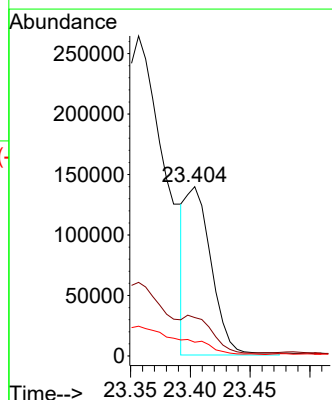
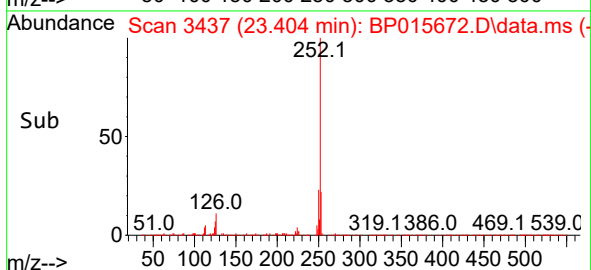
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

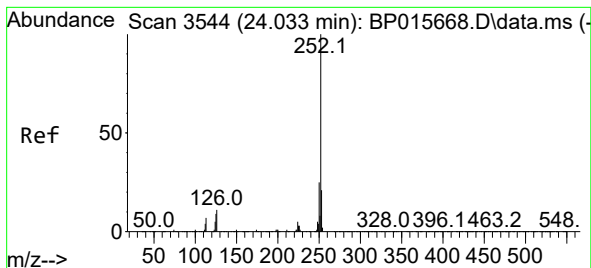


#91
Benzo(k)fluoranthene
Concen: 5.236 ng/ul m
RT: 23.404 min Scan# 3437
Delta R.T. 0.006 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30



Tgt Ion:252 Resp: 208353
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 8.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 12.211 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCFL1DL2

Tgt Ion:252 Resp: 438269

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

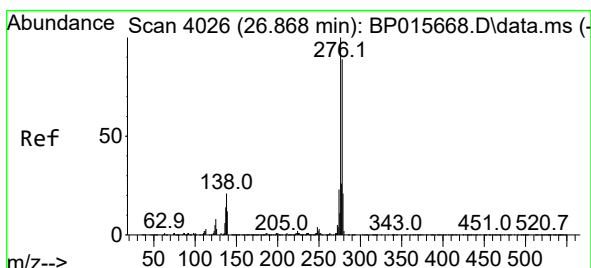
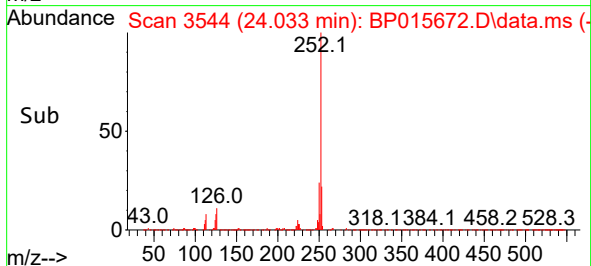
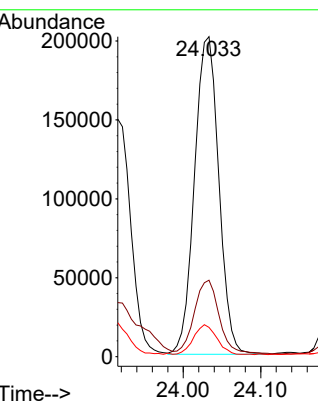
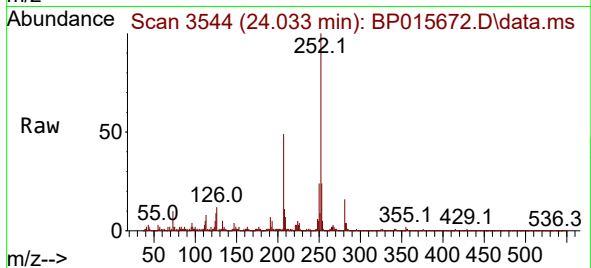
125 9.1 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/27/2023

Supervised By :mohammad ahmed 06/27/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.439 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. 0.012 min

Lab File: BP015672.D

Acq: 23 Jun 2023 15:30

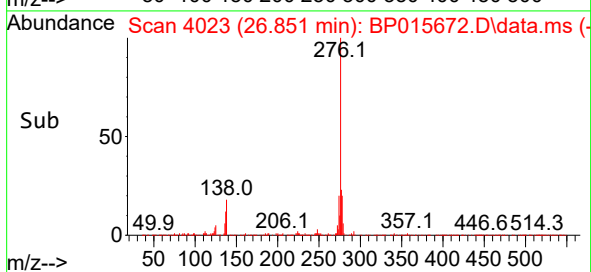
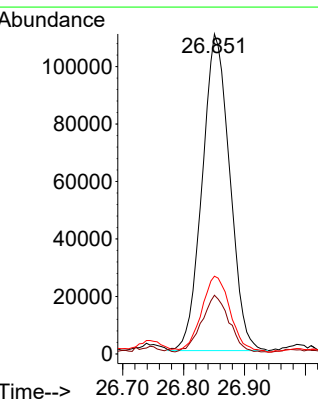
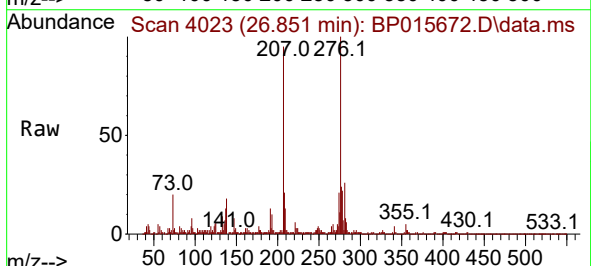
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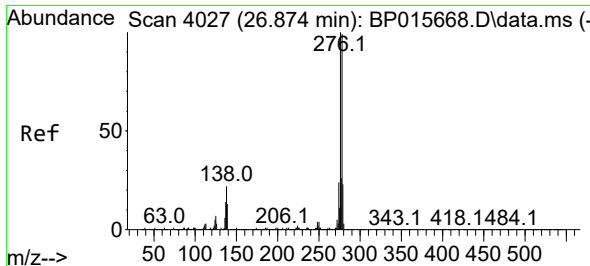
Ion Ratio Lower Upper

276 100

138 18.4 17.3 25.9

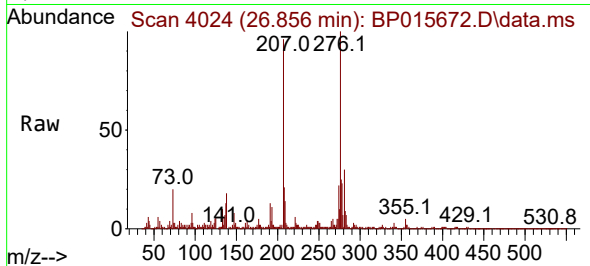
277 24.3 20.2 30.2





#95
Dibenzo(a,h)anthracene
Concen: 2.514 ng/ul
RT: 26.856 min Scan# 4027
Delta R.T. 0.006 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30

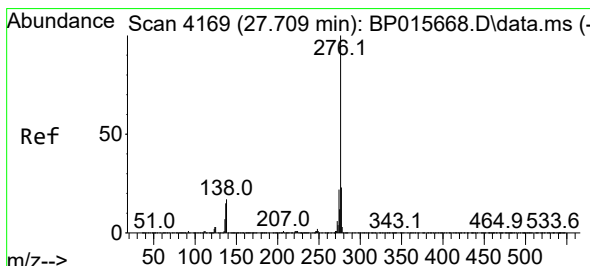
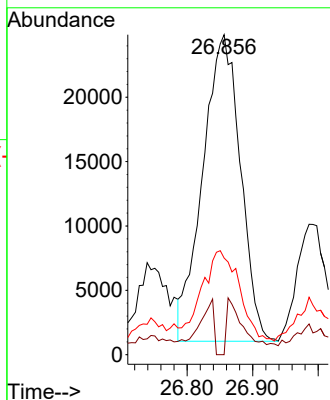
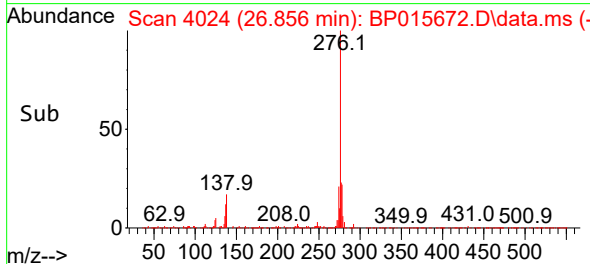
Instrument :
BNA_P
ClientSampleId :
DCFL1DL2



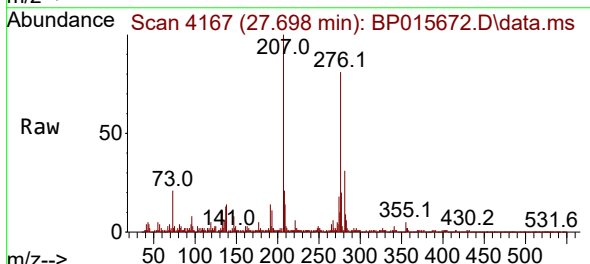
Tgt Ion:278 Resp: 95124
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0
279 30.2 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#96
Benzo(g,h,i)perylene
Concen: 8.192 ng/ul
RT: 27.698 min Scan# 4167
Delta R.T. 0.018 min
Lab File: BP015672.D
Acq: 23 Jun 2023 15:30



Tgt Ion:276 Resp: 313571
Ion Ratio Lower Upper
276 100
138 17.1 15.6 23.4
277 25.1 19.0 28.6

