

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015591.D
 Acq On : 16 Jun 2023 21:26
 Operator : MA/JU
 Sample : 03080-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 16 23:19:32 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	131935	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	581899	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	386611	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	876532	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	837251	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	925110	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	9331	2.619	ng/uL	0.00
4) Pyridine-d5	3.852	84	100347	10.843	ng/ul	0.00
7) Phenol-d5	7.240	99	196058	16.130	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	128497	17.702	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	157905	17.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	148754	14.912	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	81141	17.761	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	89682	17.190	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	161503	16.970	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	131595	9.633	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	573172	18.801	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	626089	18.781	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	51506	9.434	ng/ul	0.02
60) Fluorene-d10	15.716	176	489427	19.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	67463	12.149	ng/ul	0.00
73) Anthracene-d10	17.581	188	747276	18.738	ng/ul	0.00
81) Pyrene-d10	19.804	212	944910	21.087	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	904790	19.492	ng/ul	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.451	152	82968	2.247	ng/ul	99
72) Phenanthrene	17.522	178	575565	12.236	ng/ul	100
74) Anthracene	17.616	178	145931	3.058	ng/ul	99
80) Fluoranthene	19.480	202	1328562	24.340	ng/ul	100
82) Pyrene	19.833	202	1168841	20.698	ng/ul	99
85) Benzo(a)anthracene	21.545	228	683255	11.674	ng/ul	98
87) Chrysene	21.604	228	681284	12.314	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1057983	17.717	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252	314405m	5.447	ng/ul	
93) Benzo(a)pyrene	23.998	252	643588	12.362	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	464376	6.892	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.810	278	120102	2.188	ng/ul#	81
96) Benzo(g,h,i)perylene	27.633	276	425783	7.668	ng/ul	99

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

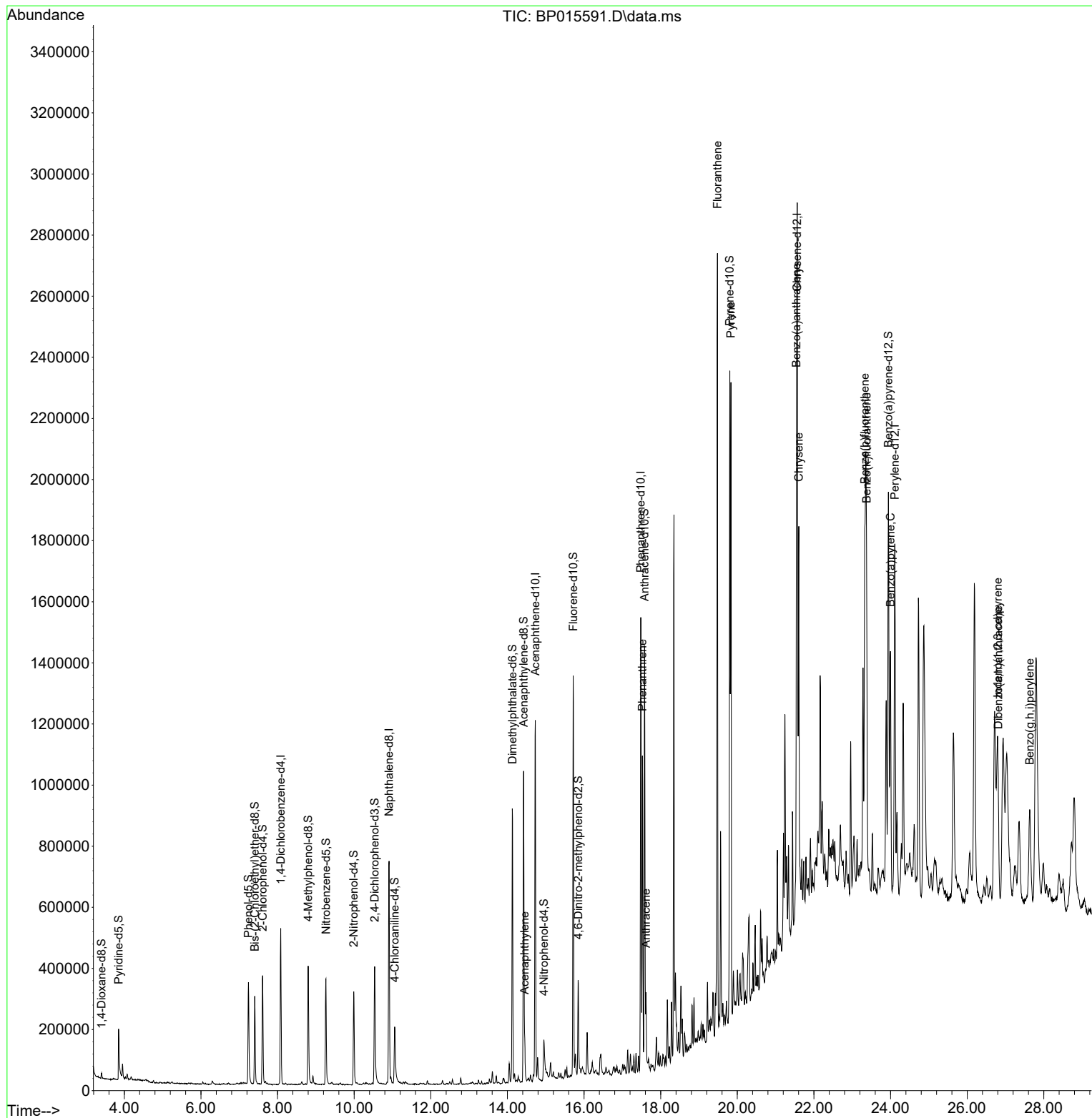
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015591.D
Acq On : 16 Jun 2023 21:26
Operator : MA/JU
Sample : 03080-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

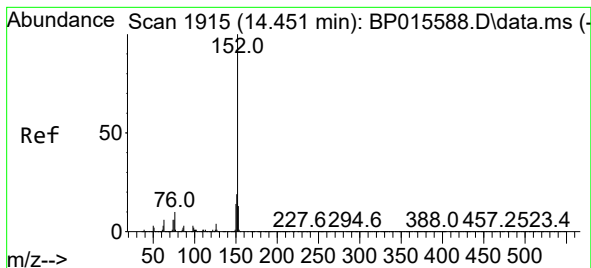
Instrument :
BNA_P
ClientSampleId :
DCFH2

Quant Time: Jun 16 23:19:32 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

Manual Integrations
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Supervised By :mohammad ahmed 06/20/2023





#50

Acenaphthylene

Concen: 2.247 ng/ul

RT: 14.451 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

Instrument :

BNA_P

ClientSampleId :

DCFH2

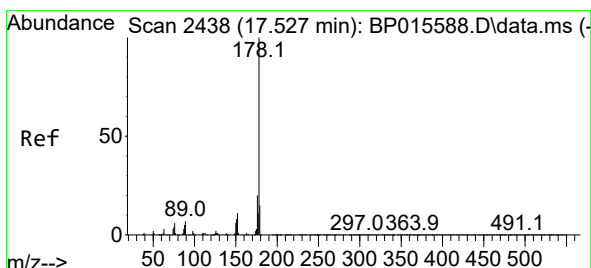
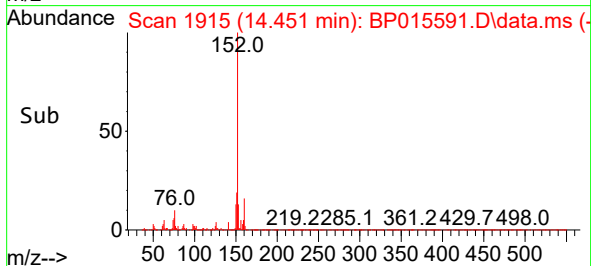
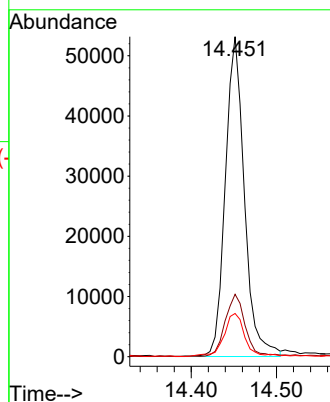
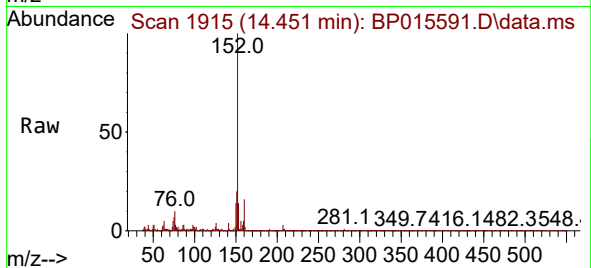
Tgt Ion:	152	Resp:	82968
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.0	24.0
153	13.5	10.6	15.8

Manual Integrations

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#72

Phenanthrene

Concen: 12.236 ng/ul

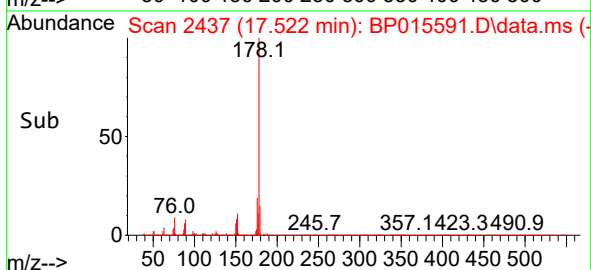
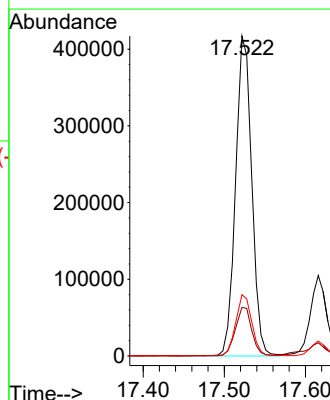
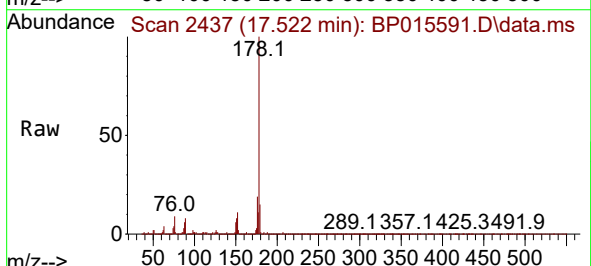
RT: 17.522 min Scan# 2437

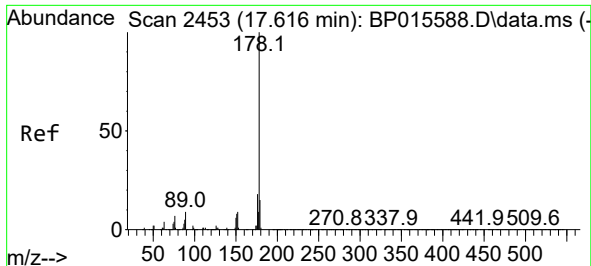
Delta R.T. -0.006 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

Tgt Ion:	178	Resp:	575565
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	19.2	15.4	23.0





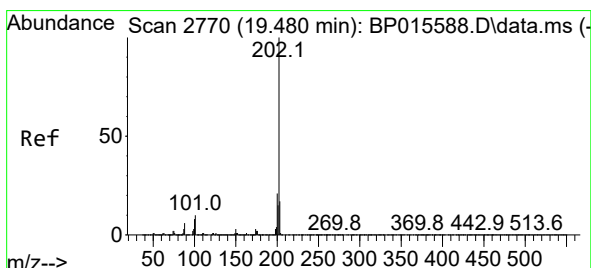
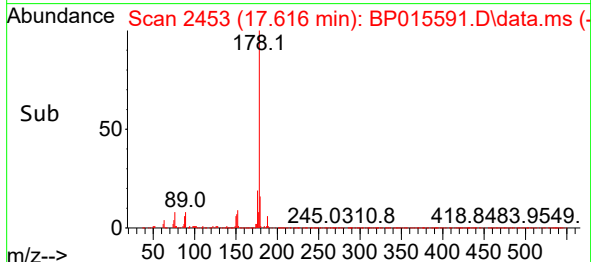
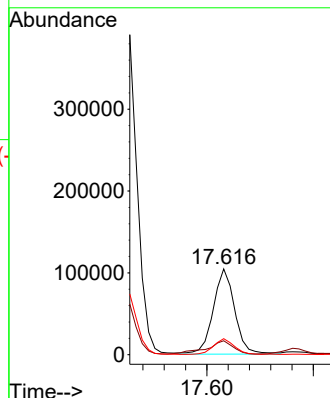
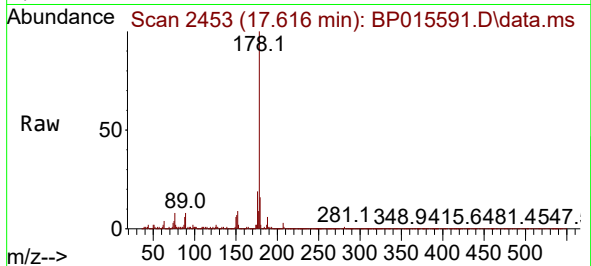
#74
 Anthracene
 Concen: 3.058 ng/ul
 RT: 17.616 min Scan# 2453
 Delta R.T. -0.006 min
 Lab File: BP015591.D
 Acq: 16 Jun 2023 21:26

Instrument :
 BNA_P
 ClientSampleId :
 DCFH2

Tgt Ion:178 Resp: 14593
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.4 18.6
 176 18.6 15.0 22.4

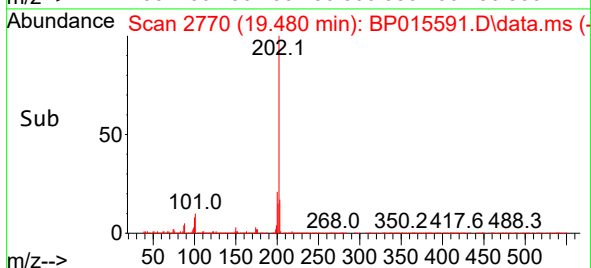
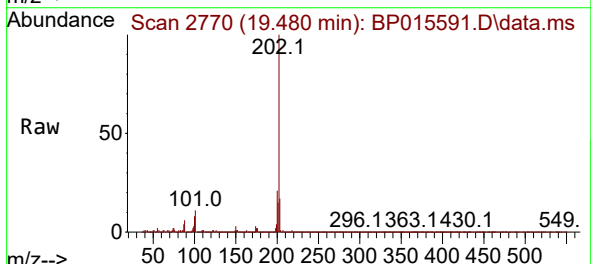
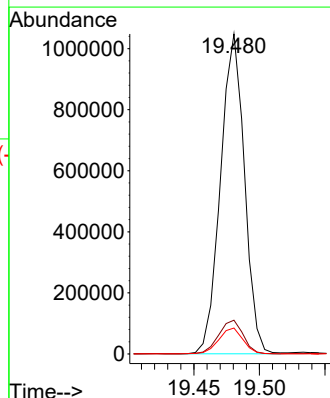
Manual Integrations
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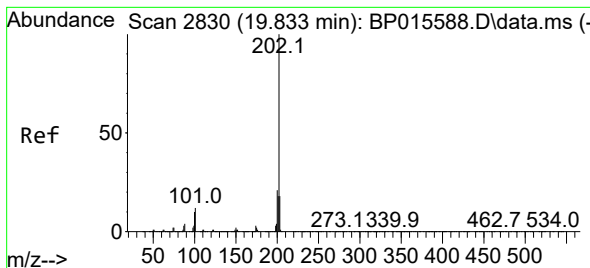
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#80
 Fluoranthene
 Concen: 24.340 ng/ul
 RT: 19.480 min Scan# 2770
 Delta R.T. -0.006 min
 Lab File: BP015591.D
 Acq: 16 Jun 2023 21:26

Tgt Ion:202 Resp: 1328562
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.6 13.0
 100 8.1 6.6 9.8





#82

Pyrene

Concen: 20.698 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

Instrument :

BNA_P

ClientSampleId :

DCFH2

Tgt Ion:202 Resp: 116884

Ion Ratio Lower Upper

202 100

101 12.1 9.9 14.9

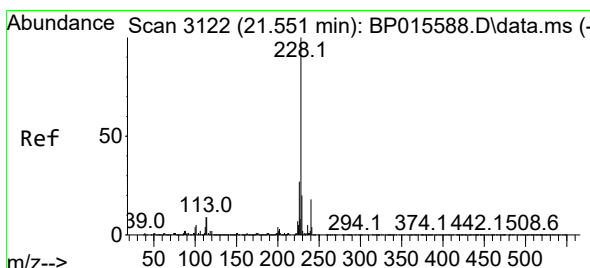
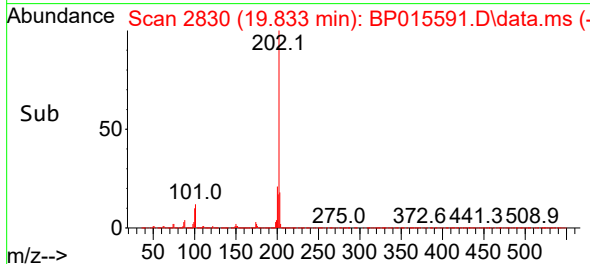
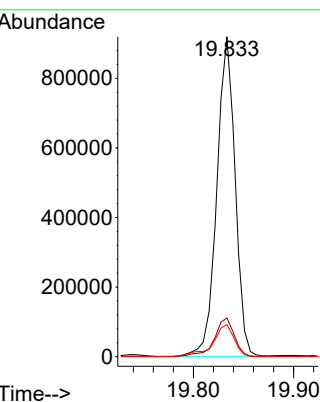
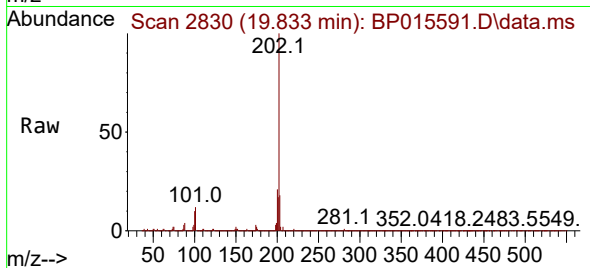
100 10.0 8.4 12.6

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#85

Benzo(a)anthracene

Concen: 11.674 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

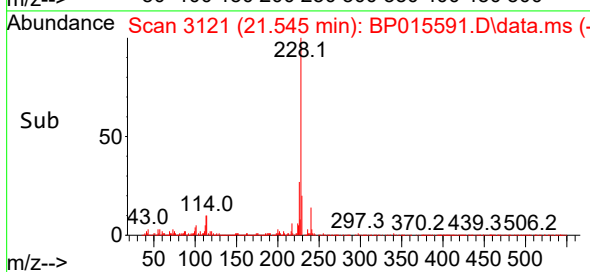
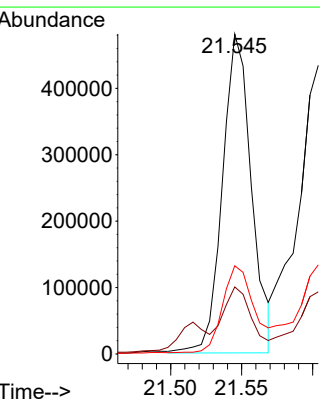
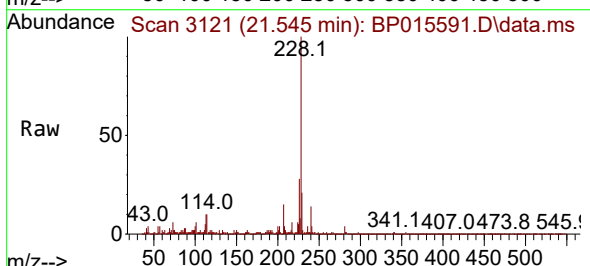
Tgt Ion:228 Resp: 683255

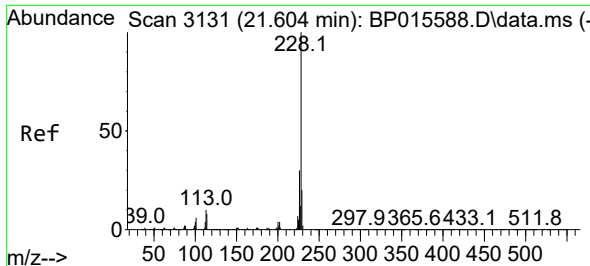
Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.6

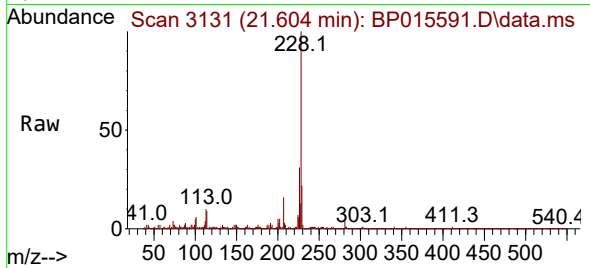
226 27.5 21.8 32.6





#87
Chrysene
Concen: 12.314 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

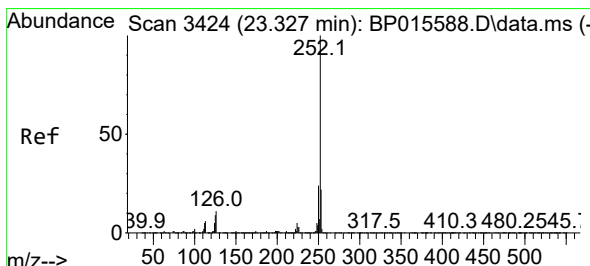
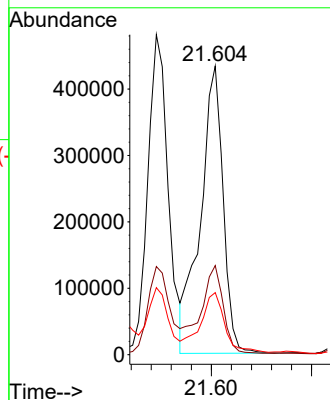
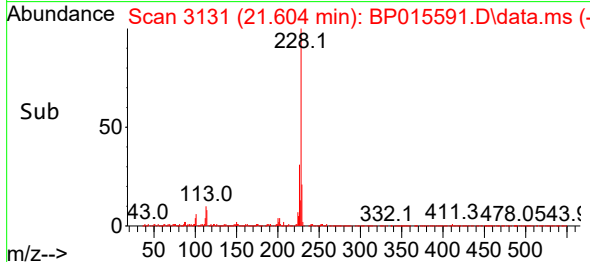
Instrument :
BNA_P
ClientSampleId :
DCFH2



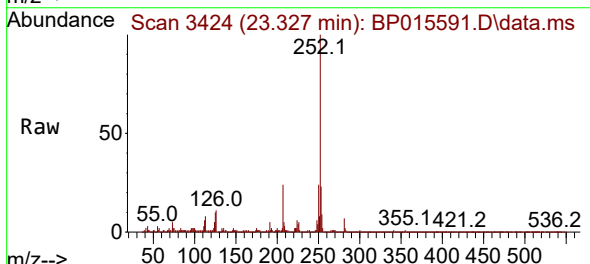
Tgt Ion:228 Resp: 681284
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 21.5 15.1 22.7

Manual Integrations
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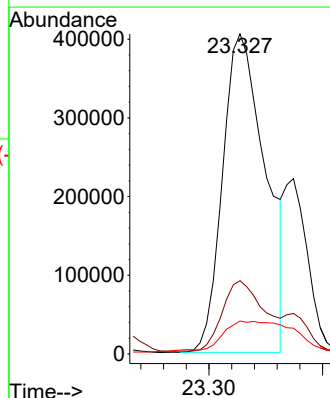
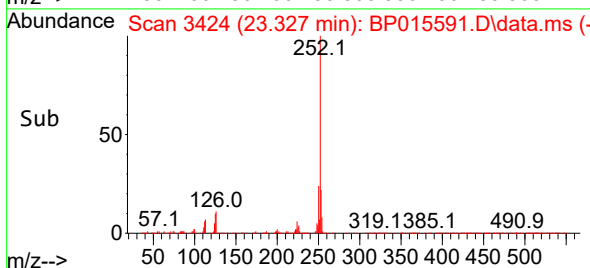
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

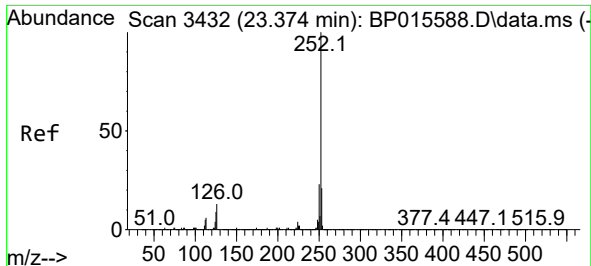


#90
Benzo(b)fluoranthene
Concen: 17.717 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26



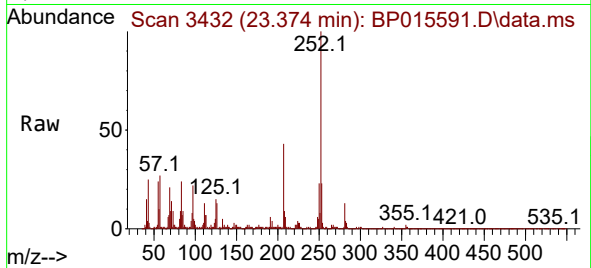
Tgt Ion:252 Resp: 1057983
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.3 7.3 10.9





#91
Benzo(k)fluoranthene
Concen: 5.447 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

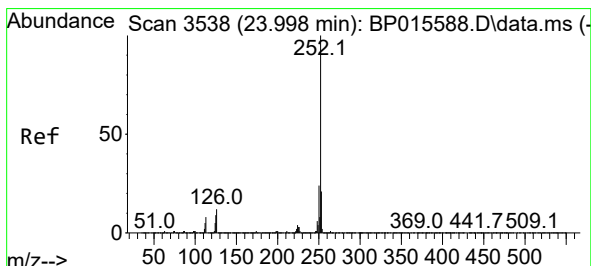
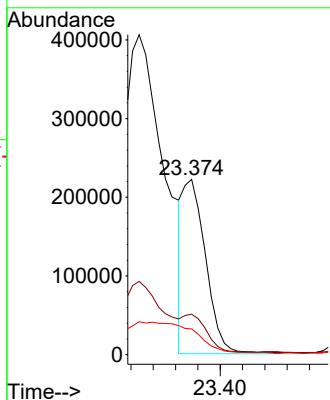
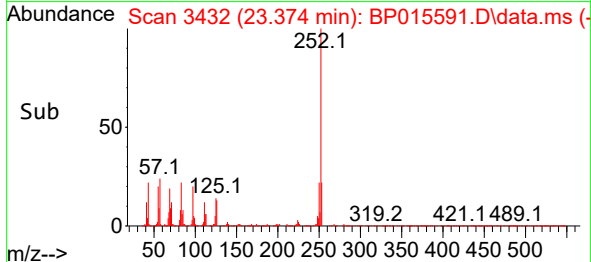
Instrument :
BNA_P
ClientSampleId :
DCFH2



Tgt Ion:252 Resp: 31440
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 14.7 7.3 10.9

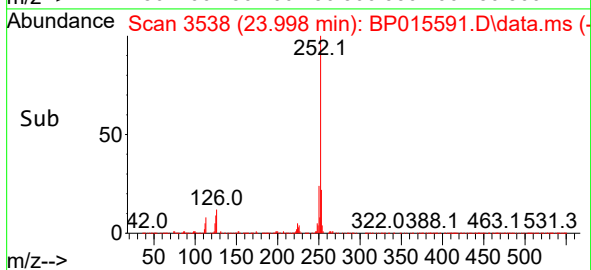
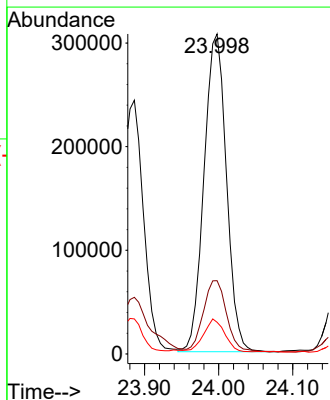
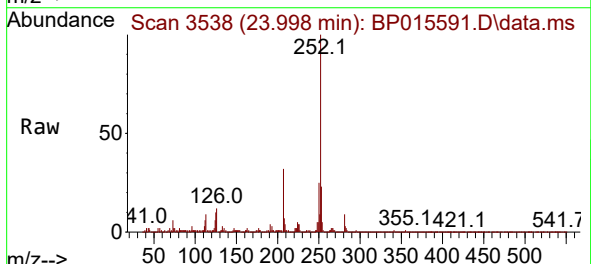
Manual Integrations
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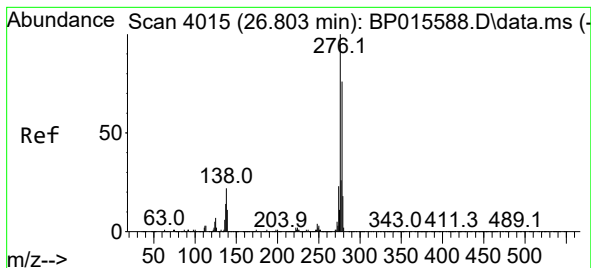
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#93
Benzo(a)pyrene
Concen: 12.362 ng/ul
RT: 23.998 min Scan# 3538
Delta R.T. -0.006 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

Tgt Ion:252 Resp: 643588
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 9.9 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.892 ng/ul

RT: 26.798 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

Instrument :

BNA_P

ClientSampleId :

DCFH2

Tgt Ion:276 Resp: 464370

Ion Ratio Lower Upper

276 100

138 17.1 17.3 25.9

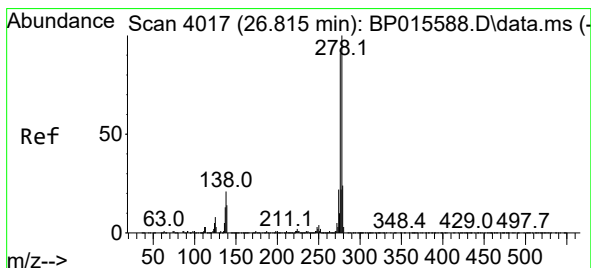
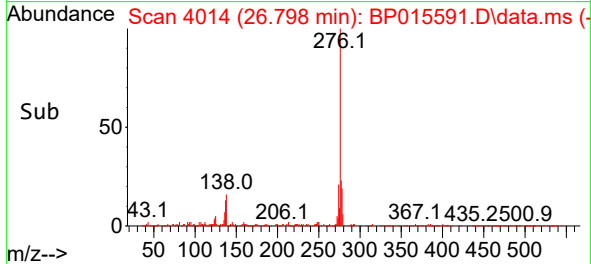
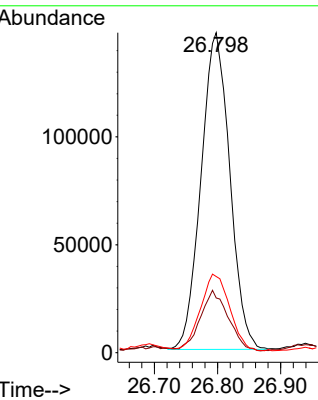
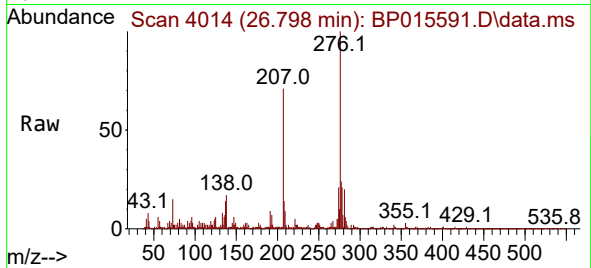
277 23.8 20.2 30.2

Manual Integrations

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Supervised By :mohammad ahmed 06/20/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.188 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. -0.018 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

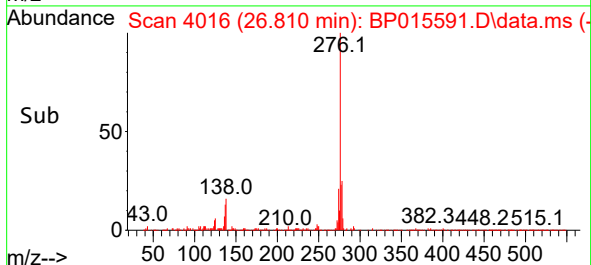
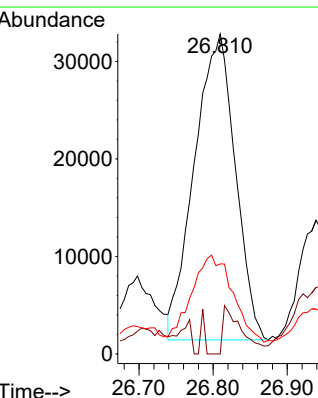
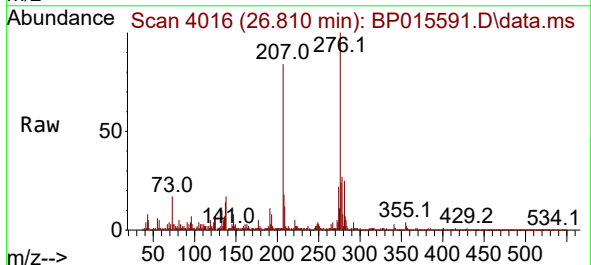
Tgt Ion:278 Resp: 120102

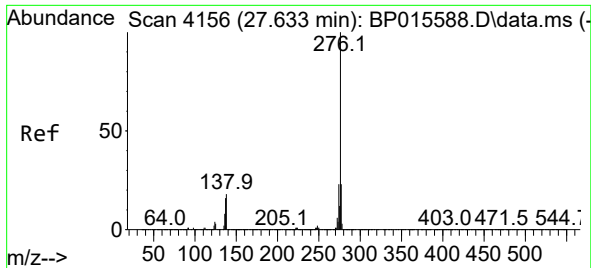
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

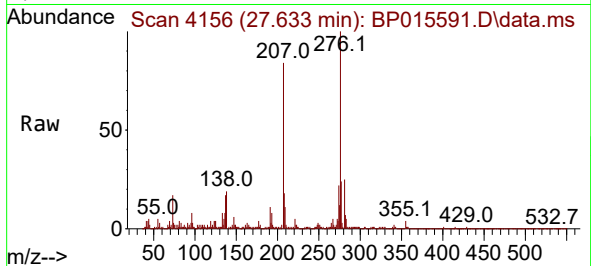
279 28.2 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 7.668 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.006 min
 Lab File: BP015591.D
 Acq: 16 Jun 2023 21:26

Instrument :
 BNA_P
 ClientSampleId :
 DCFH2



Tgt Ion:276 Resp: 42578
 Ion Ratio Lower Upper
 276 100
 138 18.7 15.6 23.4
 277 23.5 19.0 28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

