

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015590.D
 Acq On : 16 Jun 2023 20:52
 Operator : MA/JU
 Sample : 03080-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH0

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 23:12:58 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	143988	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	633712	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	419197	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	983341	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	964449	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1016537	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	9677	2.489	ng/uL	0.00
4) Pyridine-d5	3.852	84	98445	9.747	ng/u1	0.00
7) Phenol-d5	7.240	99	186830	14.084	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	122203	15.425	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	150182	15.615	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	123768	11.369	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	74591	14.992	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	84291	14.835	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	152869	14.749	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	91851	6.174	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	546515	16.533	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	594102	16.436	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	50464m	8.525	ng/u1	0.02
60) Fluorene-d10	15.722	176	468667	16.813	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	68484	10.993	ng/u1	0.00
73) Anthracene-d10	17.580	188	724540	16.194	ng/u1	0.00
81) Pyrene-d10	19.804	212	974113	18.871	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	888717	17.424	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.451	152	93365	2.332	ng/u1	98
61) Fluorene	15.775	166	38722	1.211	ng/u1	97
72) Phenanthrene	17.528	178	1205893	22.852	ng/u1	99
74) Anthracene	17.616	178	281149	5.251	ng/u1	99
80) Fluoranthene	19.480	202	3411491	54.257	ng/u1	99
82) Pyrene	19.833	202	2887353	44.386	ng/u1	99
85) Benzo(a)anthracene	21.551	228	1777220	26.359	ng/u1	99
87) Chrysene	21.604	228	1700075	26.677	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	2122649	32.349	ng/u1	99
91) Benzo(k)fluoranthene	23.374	252	707793m	11.159	ng/u1	
93) Benzo(a)pyrene	23.998	252	1306404	22.836	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	874883	11.817	ng/u1	95
95) Dibenzo(a,h)anthracene	26.804	278	236007	3.913	ng/u1#	78
96) Benzo(g,h,i)perylene	27.633	276	767514	12.579	ng/u1	99

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

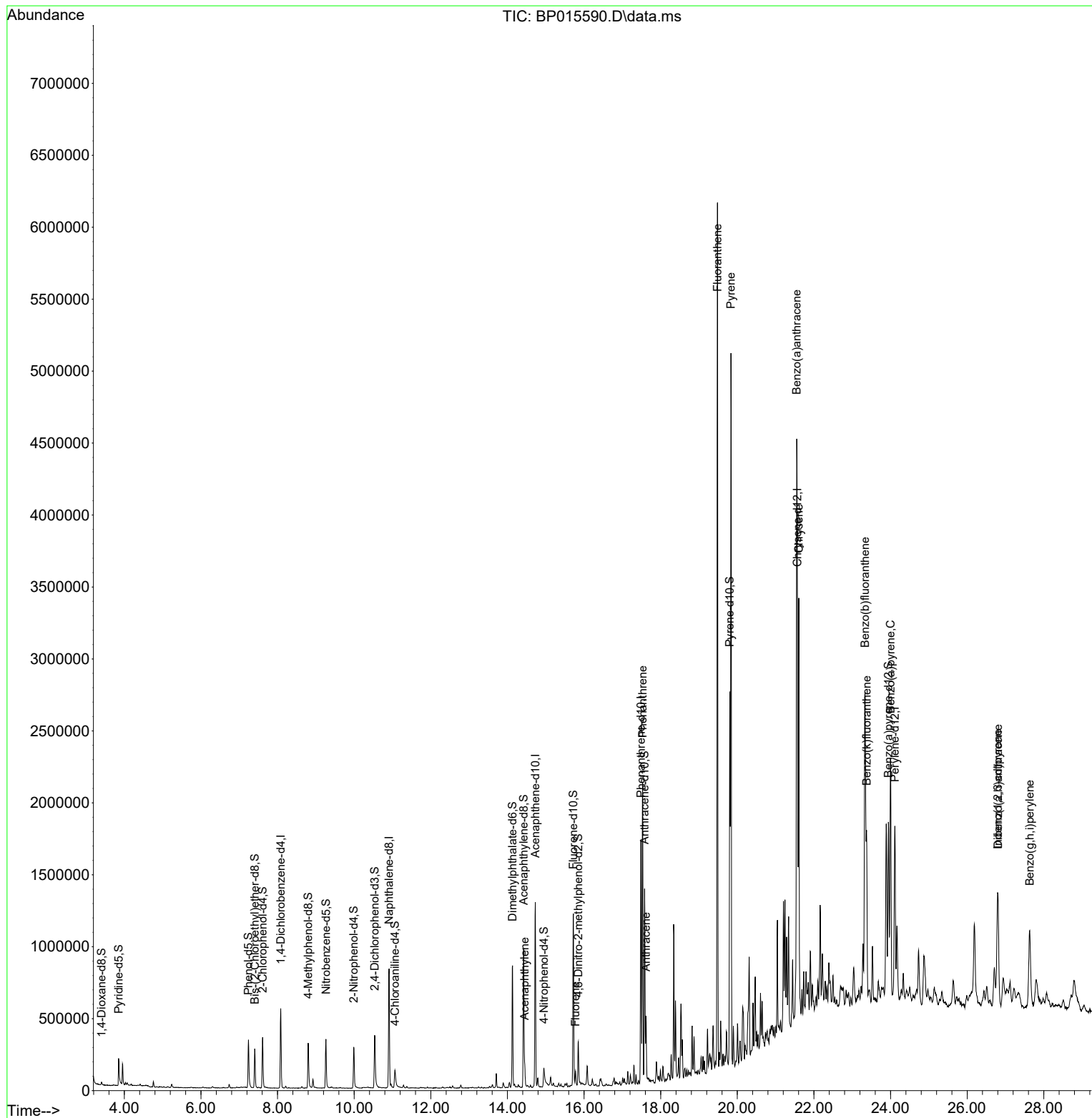
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015590.D
 Acq On : 16 Jun 2023 20:52
 Operator : MA/JU
 Sample : 03080-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

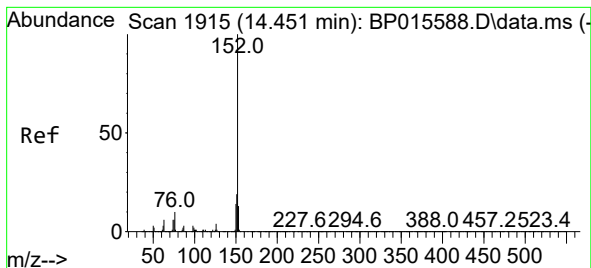
Instrument :
 BNA_P
 ClientSampleId :
 DCFH0

Quant Time: Jun 16 23:12:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
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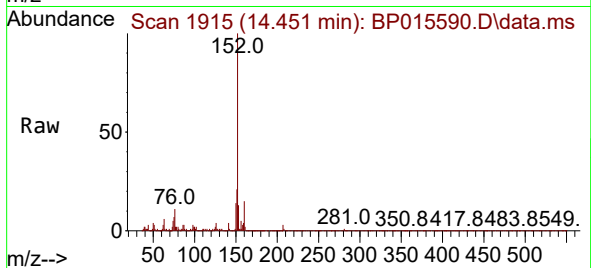
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023





#50
Acenaphthylene
Concen: 2.332 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP015590.D
Acq: 16 Jun 2023 20:52

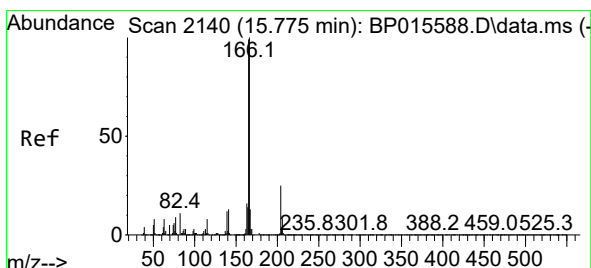
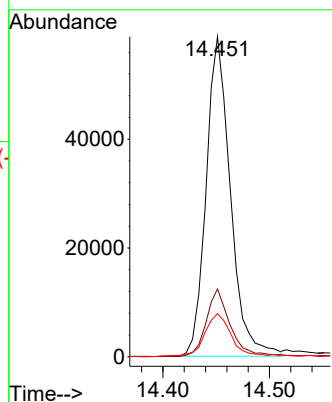
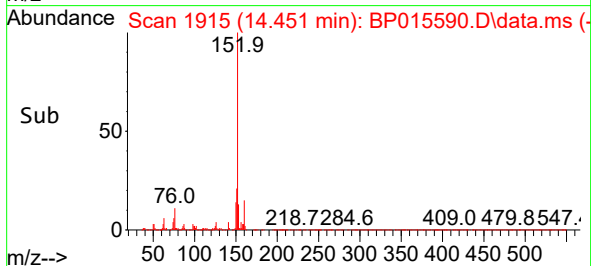
Instrument :
BNA_P
ClientSampleId :
DCFH0



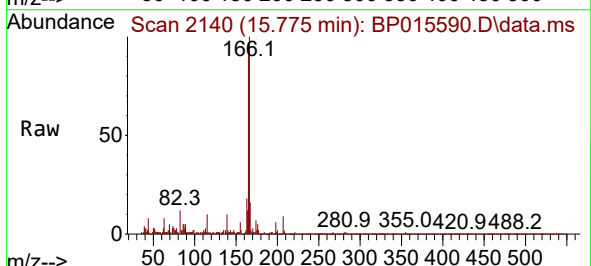
Tgt Ion:152 Resp: 9336
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 13.5 10.6 15.8

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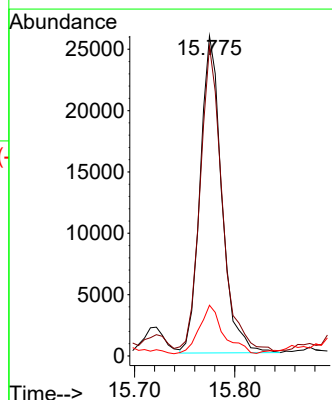
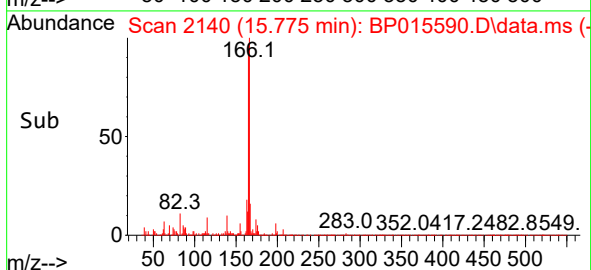
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

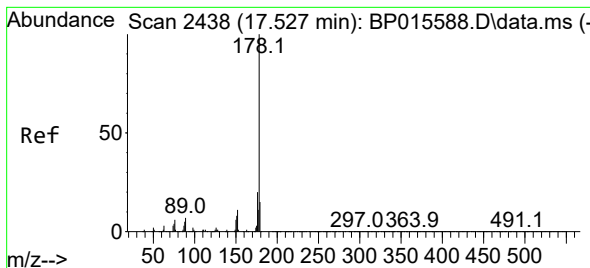


#61
Fluorene
Concen: 1.211 ng/ul
RT: 15.775 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP015590.D
Acq: 16 Jun 2023 20:52



Tgt Ion:166 Resp: 38722
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 15.8 10.6 16.0





#72

Phenanthrene

Concen: 22.852 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BP015590.D

Acq: 16 Jun 2023 20:52

Instrument :

BNP_P

ClientSampleId :

DCFH0

Tgt Ion:178 Resp: 120589

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

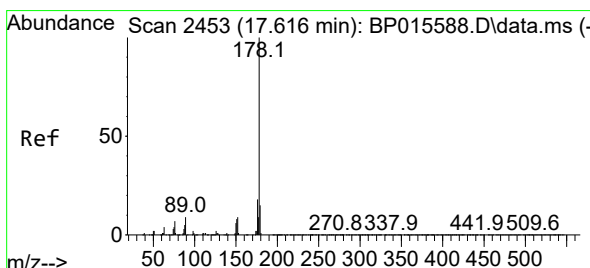
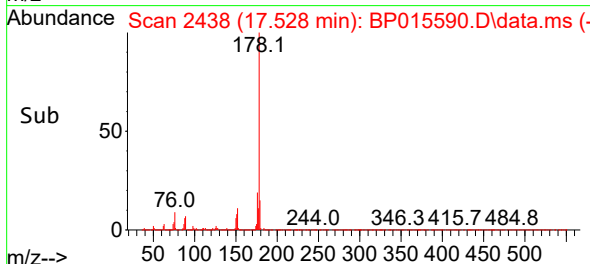
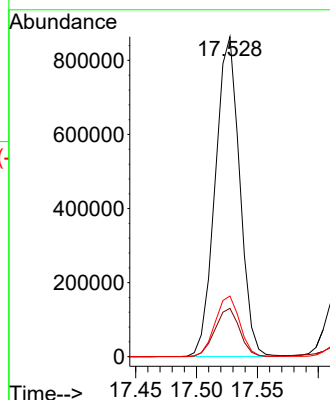
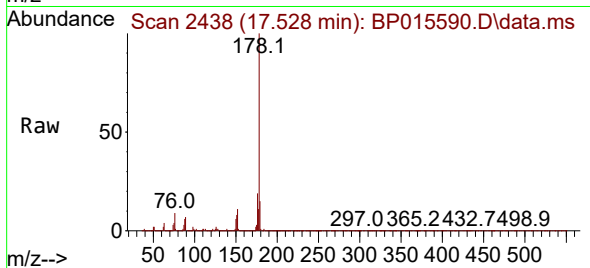
176 19.0 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#74

Anthracene

Concen: 5.251 ng/ul

RT: 17.616 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BP015590.D

Acq: 16 Jun 2023 20:52

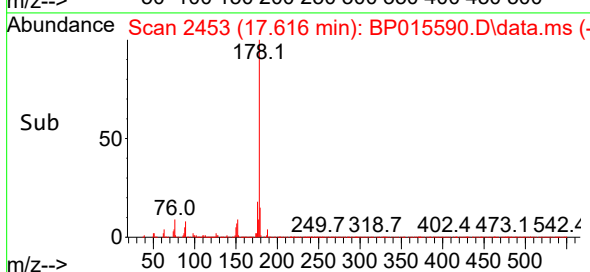
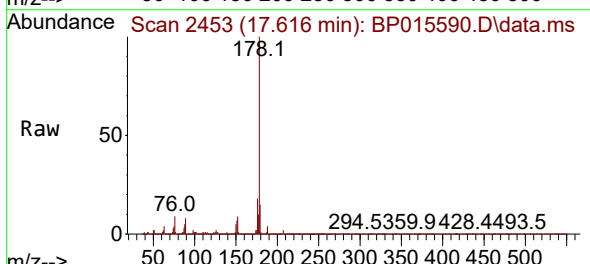
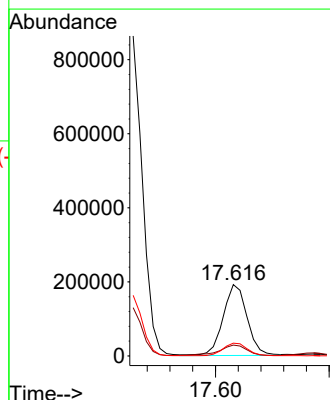
Tgt Ion:178 Resp: 281149

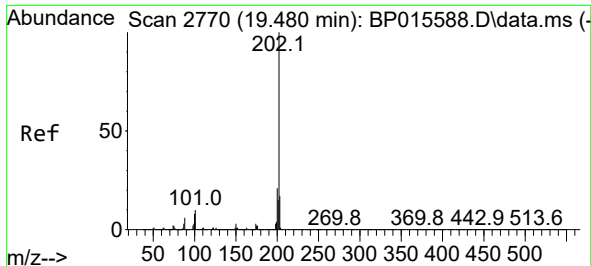
Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

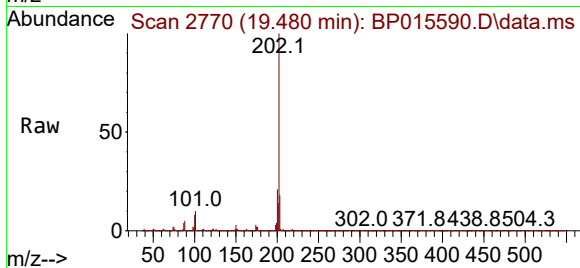
176 17.9 15.0 22.4





#80
Fluoranthene
Concen: 54.257 ng/ul
RT: 19.480 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP015590.D
Acq: 16 Jun 2023 20:52

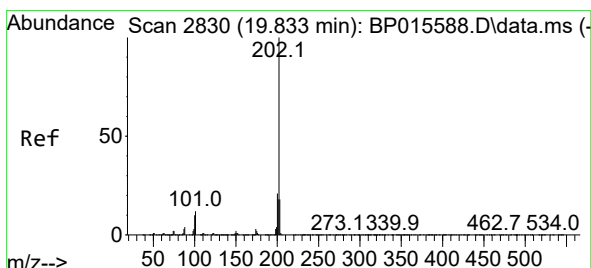
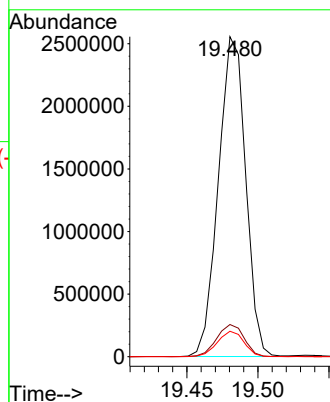
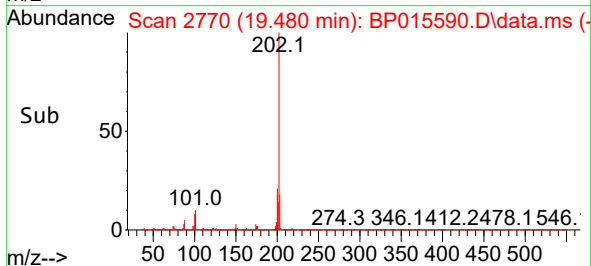
Instrument :
BNA_P
ClientSampleId :
DCFH0



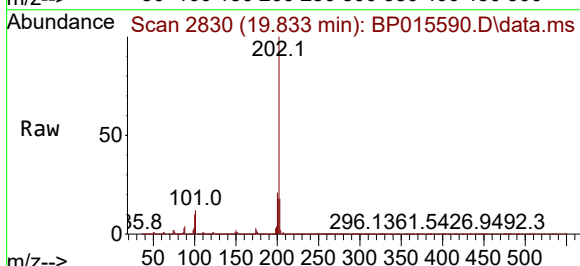
Tgt Ion:202 Resp: 341149
Ion Ratio Lower Upper
202 100
101 10.1 8.6 13.0
100 7.9 6.6 9.8

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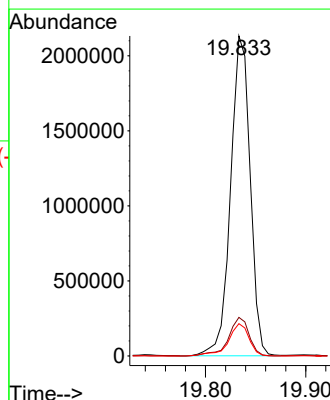
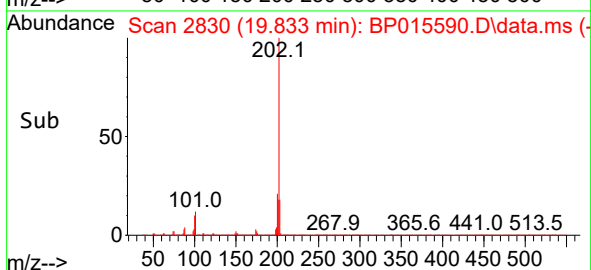
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

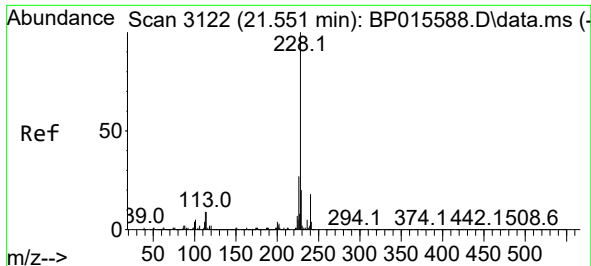


#82
Pyrene
Concen: 44.386 ng/ul
RT: 19.833 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BP015590.D
Acq: 16 Jun 2023 20:52



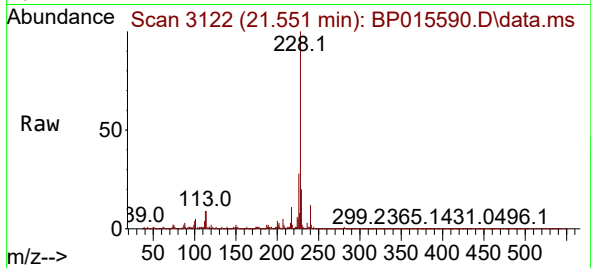
Tgt Ion:202 Resp: 2887353
Ion Ratio Lower Upper
202 100
101 12.1 9.9 14.9
100 10.1 8.4 12.6





#85
Benzo(a)anthracene
Concen: 26.359 ng/u1
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP015590.D
Acq: 16 Jun 2023 20:52

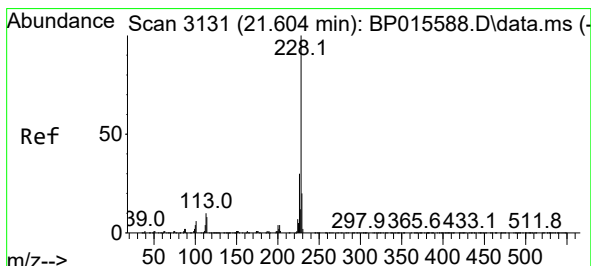
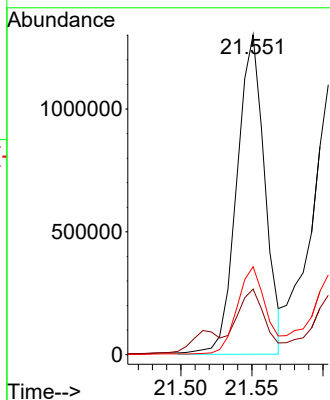
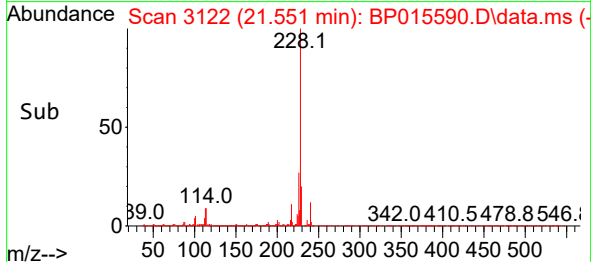
Instrument :
BNA_P
ClientSampleId :
DCFH0



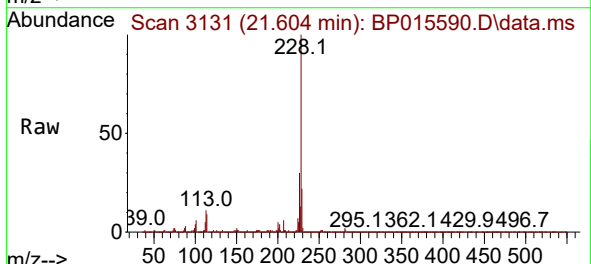
Tgt Ion:228 Resp: 1777220
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 27.5 21.8 32.6

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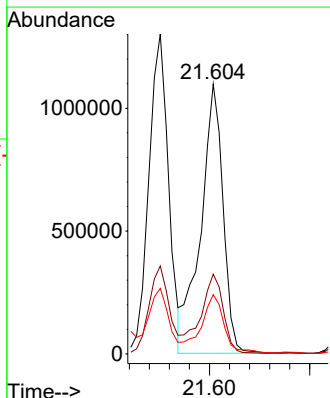
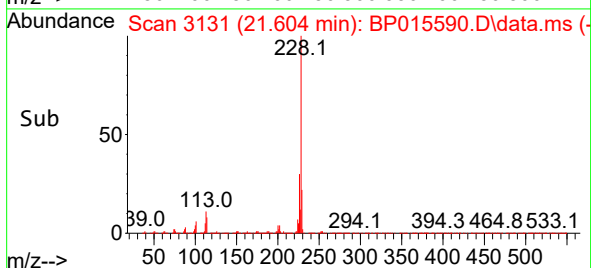
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

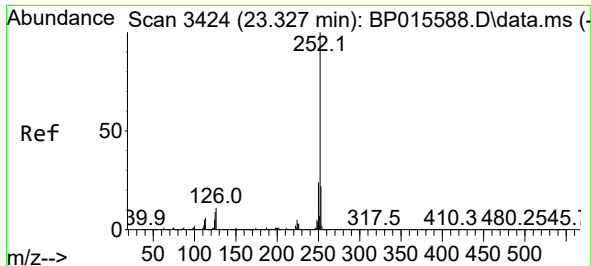


#87
Chrysene
Concen: 26.677 ng/u1
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP015590.D
Acq: 16 Jun 2023 20:52



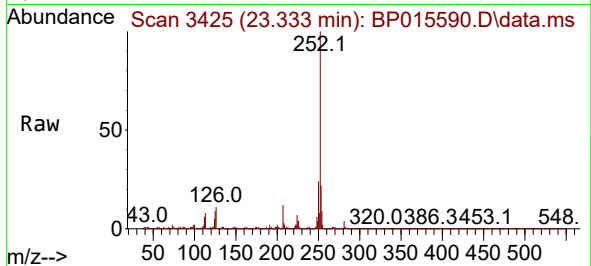
Tgt Ion:228 Resp: 1700075
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 22.0 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 32.349 ng/ul
RT: 23.333 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BP015590.D
Acq: 16 Jun 2023 20:52

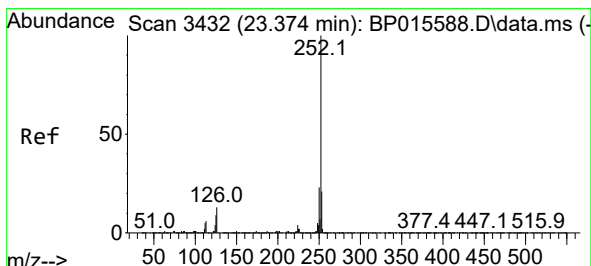
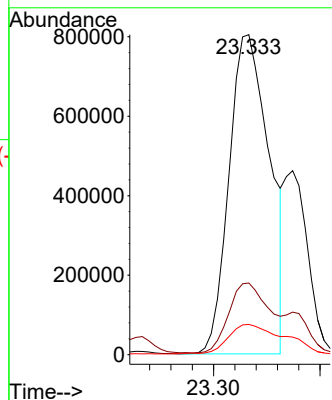
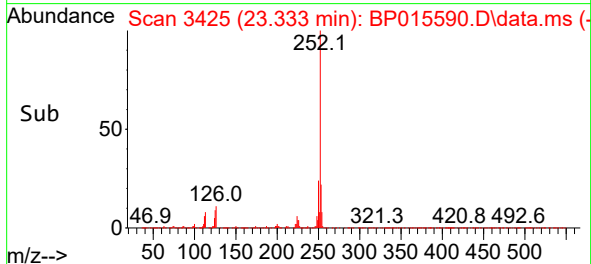
Instrument :
BNA_P
ClientSampleId :
DCFH0



Tgt Ion:252 Resp: 2122649
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.5 7.3 10.9

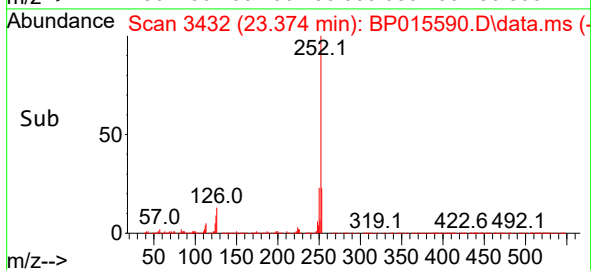
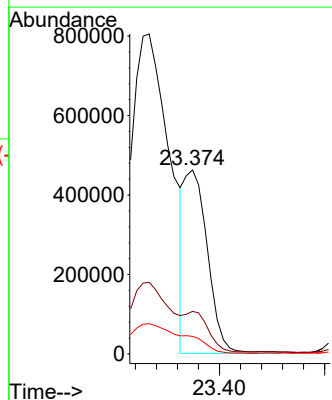
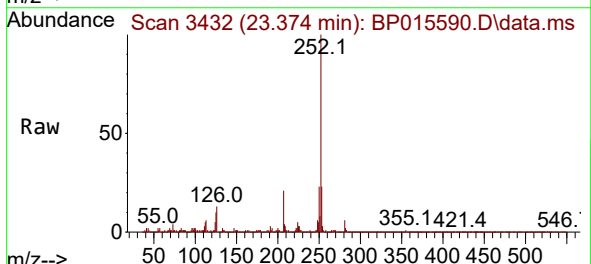
Manual Integrations
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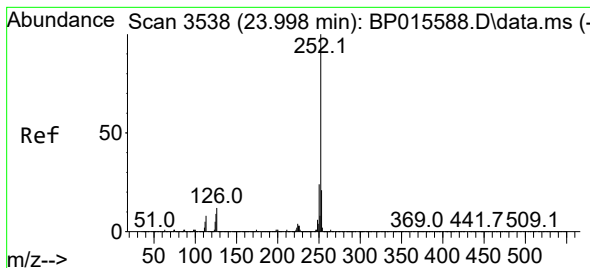
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#91
Benzo(k)fluoranthene
Concen: 11.159 ng/ul m
RT: 23.374 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BP015590.D
Acq: 16 Jun 2023 20:52

Tgt Ion:252 Resp: 707793
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 22.836 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015590.D

Acq: 16 Jun 2023 20:52

Instrument :

BNA_P

ClientSampleId :

DCFH0

Tgt Ion:252 Resp: 130640

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

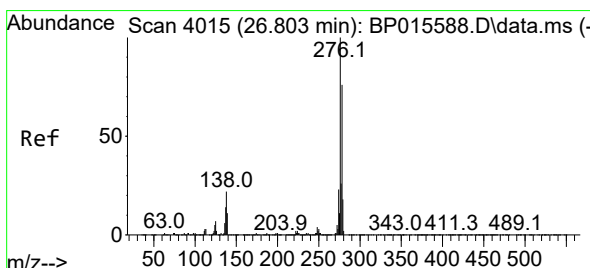
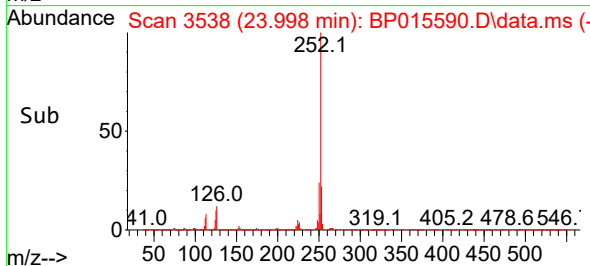
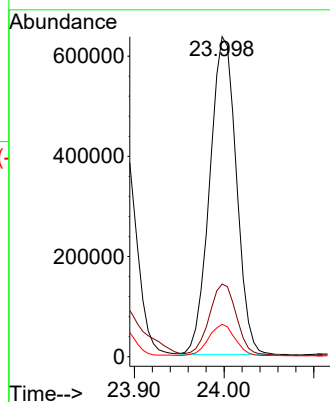
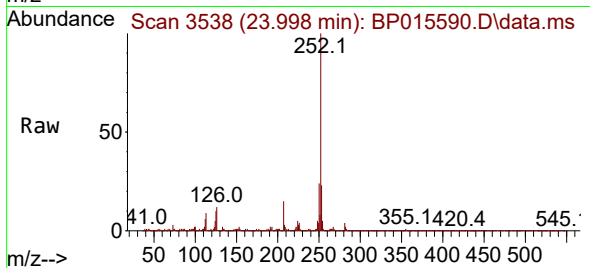
125 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.817 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015590.D

Acq: 16 Jun 2023 20:52

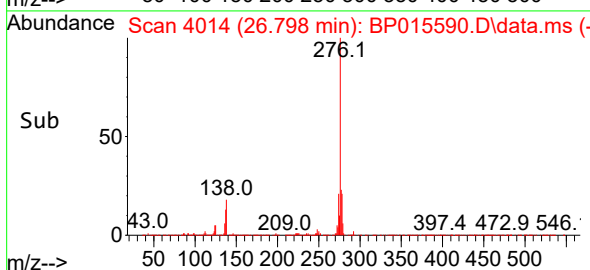
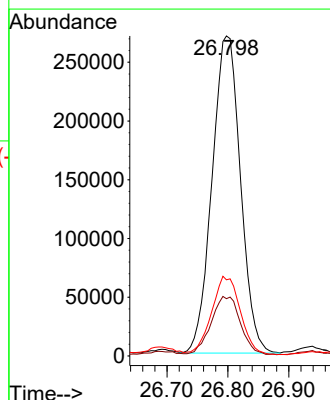
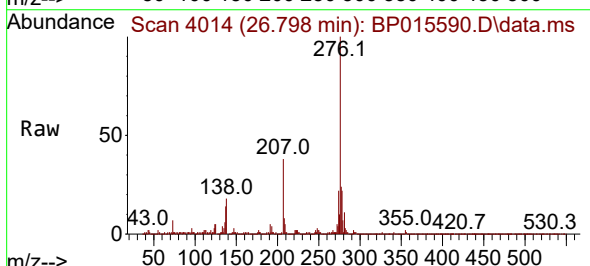
Tgt Ion:276 Resp: 874883

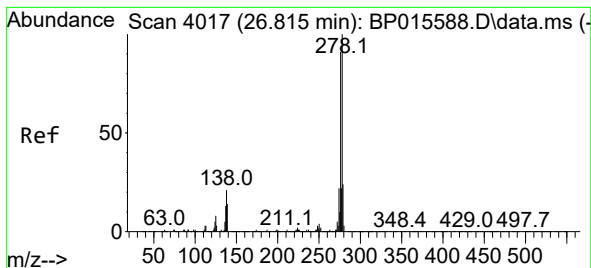
Ion Ratio Lower Upper

276 100

138 17.9 17.3 25.9

277 23.8 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 3.913 ng/ul

RT: 26.804 min Scan# 4017

Delta R.T. -0.024 min

Lab File: BP015590.D

Acq: 16 Jun 2023 20:52

Instrument :

BNP_P

ClientSampleId :

DCFH0

Tgt Ion:278 Resp: 23600

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0

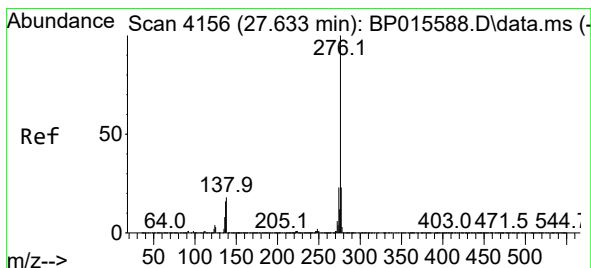
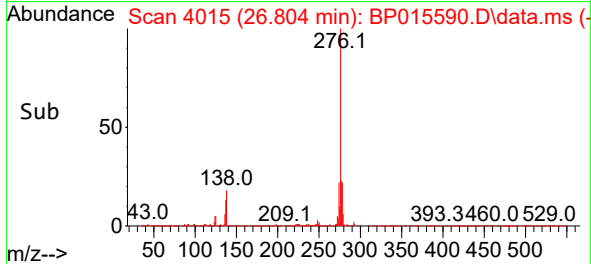
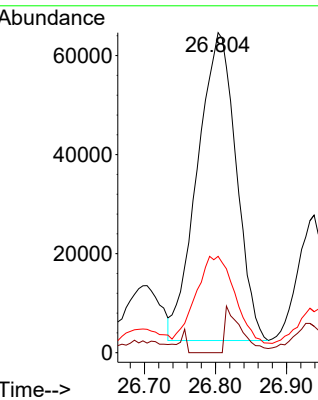
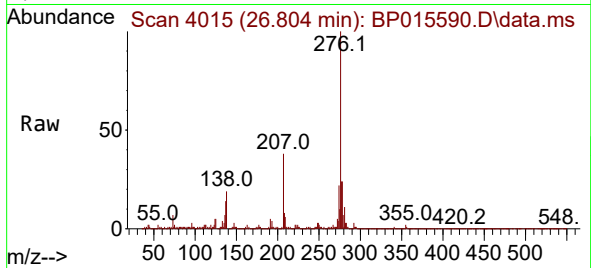
279 30.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#96

Benzo(g,h,i)perylene

Concen: 12.579 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. -0.006 min

Lab File: BP015590.D

Acq: 16 Jun 2023 20:52

Tgt Ion:276 Resp: 767514

Ion Ratio Lower Upper

276 100

138 19.1 15.6 23.4

277 24.1 19.0 28.6

