

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015593.D
 Acq On : 16 Jun 2023 22:33
 Operator : MA/JU
 Sample : 03080-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH4

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 23:29:23 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	137115	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	607523	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	401322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.480	188	908177	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	873971	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	978990	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	14529	3.924	ng/uL	0.00
4) Pyridine-d5	3.846	84	170928	17.772	ng/u1	0.00
7) Phenol-d5	7.240	99	305683	24.199	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	199850	26.491	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	248991	27.187	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	230983	22.280	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	129661	27.185	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	151105	27.741	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	256275	25.792	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	228973	16.055	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	904237	28.573	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	1003605	29.002	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	112812	19.906	ng/u1	0.00
60) Fluorene-d10	15.722	176	757231	28.375	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	130179	22.627	ng/u1	0.00
73) Anthracene-d10	17.580	188	1171490	28.351	ng/u1	0.00
81) Pyrene-d10	19.804	212	1495883	31.980	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1491476	30.363	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.528	178	76056	1.561	ng/u1	99
80) Fluoranthene	19.480	202	265425	4.658	ng/u1	100
82) Pyrene	19.833	202	231366	3.925	ng/u1	99
85) Benzo(a)anthracene	21.545	228	148365	2.428	ng/u1	96
87) Chrysene	21.604	228	173492	3.004	ng/u1	96
90) Benzo(b)fluoranthene	23.327	252	283004	4.478	ng/u1#	98
91) Benzo(k)fluoranthene	23.374	252	76857m	1.258	ng/u1	
93) Benzo(a)pyrene	23.992	252	178314	3.236	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.798	276	137015	1.922	ng/u1	96
96) Benzo(g,h,i)perylene	27.627	276	137167	2.334	ng/u1	99

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

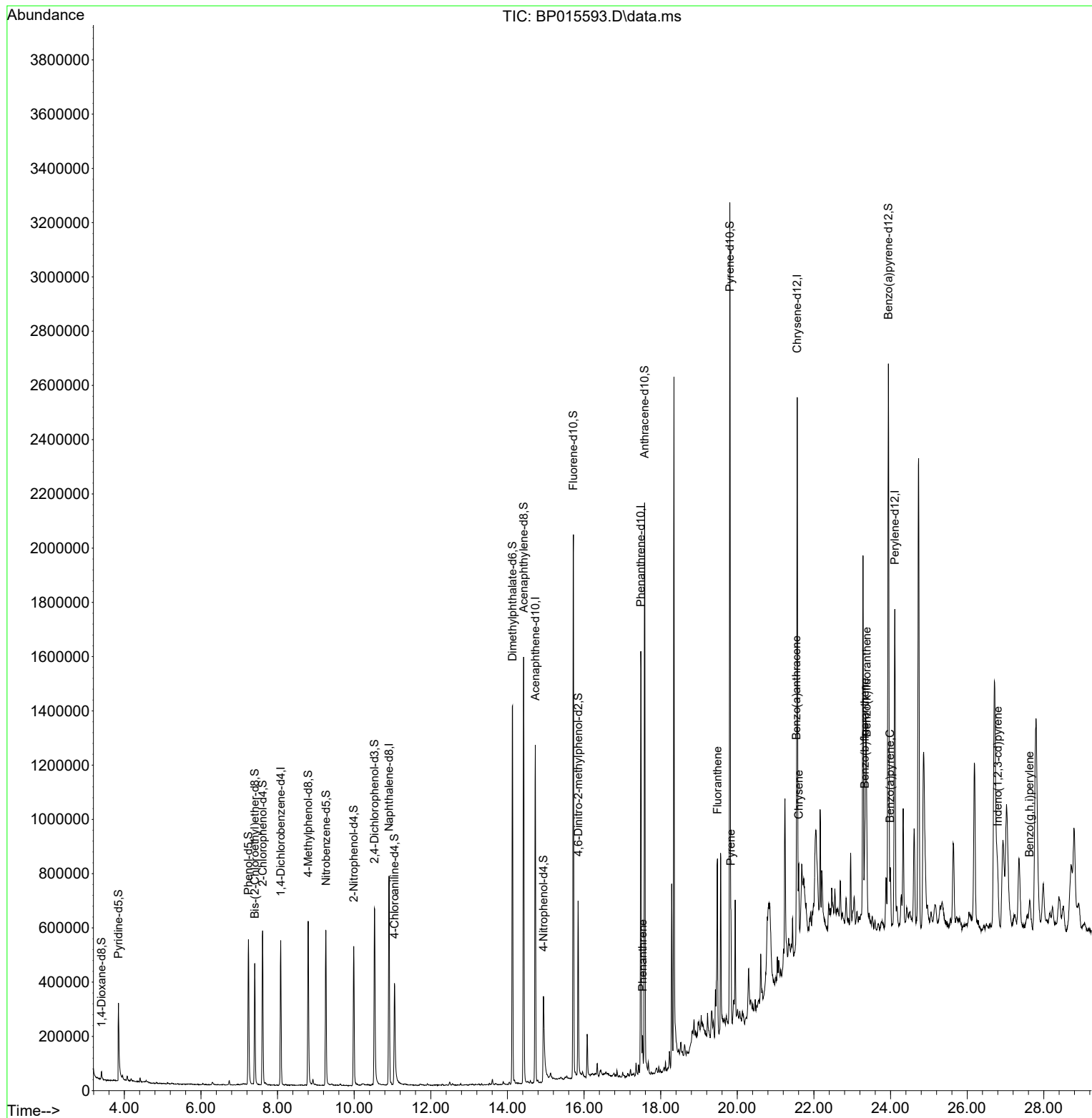
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015593.D
 Acq On : 16 Jun 2023 22:33
 Operator : MA/JU
 Sample : 03080-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

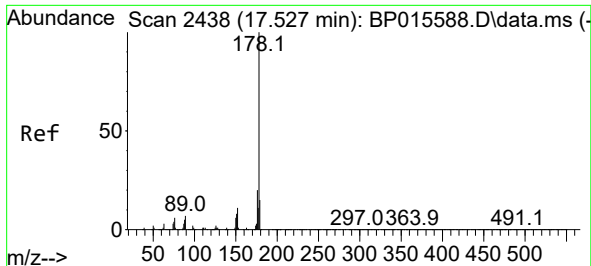
Instrument :
 BNA_P
 ClientSampleId :
 DCFH4

Quant Time: Jun 16 23:29:23 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 APPROVED

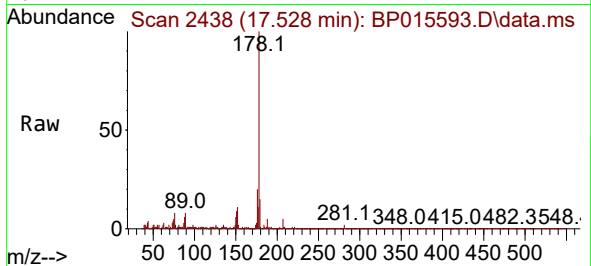
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023





#72
Phenanthrene
Concen: 1.561 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015593.D
Acq: 16 Jun 2023 22:33

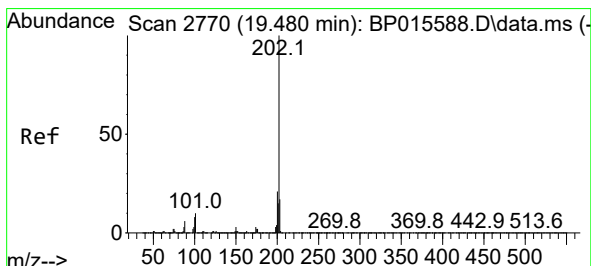
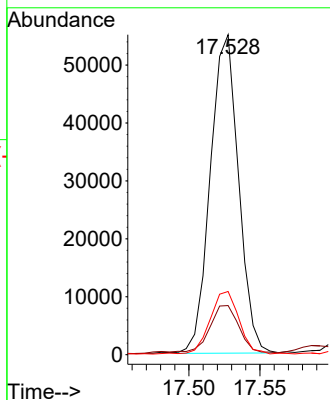
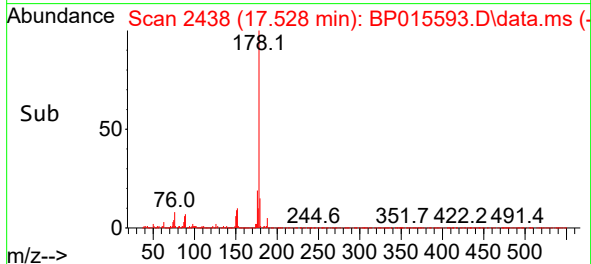
Instrument :
BNA_P
ClientSampleId :
DCFH4



Tgt Ion:178 Resp: 76050
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.7 15.4 23.0

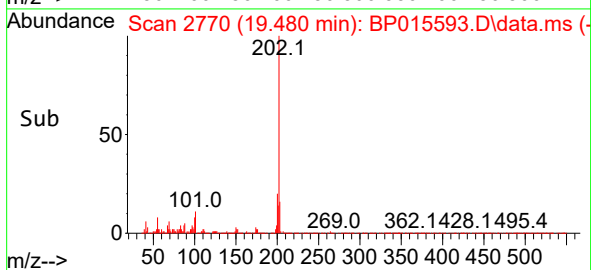
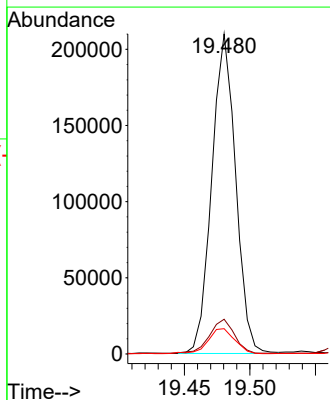
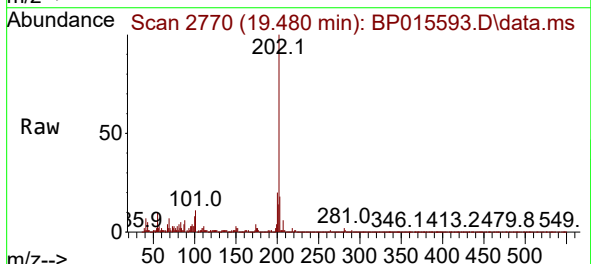
Manual Integrations
APPROVED

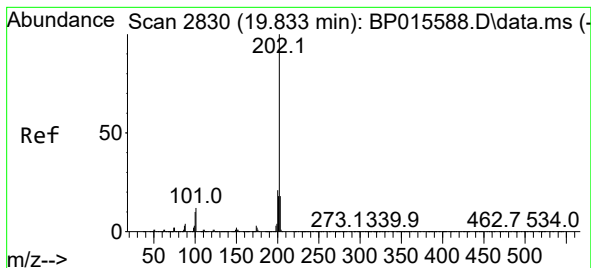
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#80
Fluoranthene
Concen: 4.658 ng/ul
RT: 19.480 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP015593.D
Acq: 16 Jun 2023 22:33

Tgt Ion:202 Resp: 265425
Ion Ratio Lower Upper
202 100
101 10.9 8.6 13.0
100 7.9 6.6 9.8





#82

Pyrene

Concen: 3.925 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015593.D

Acq: 16 Jun 2023 22:33

Instrument :

BNA_P

ClientSampleId :

DCFH4

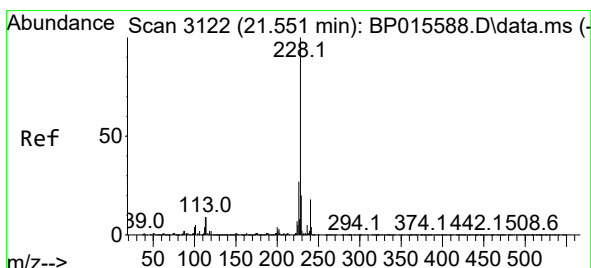
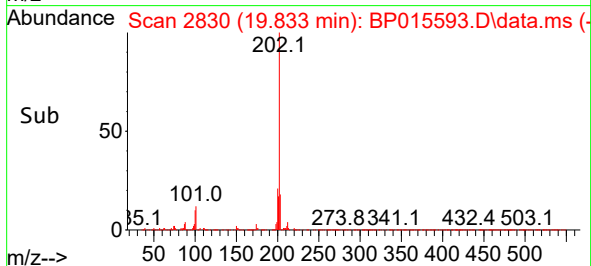
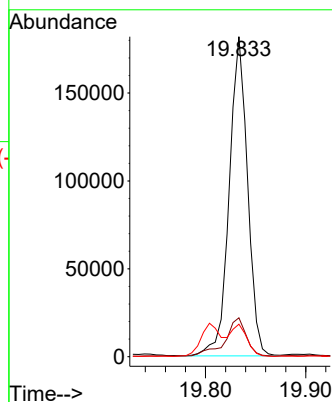
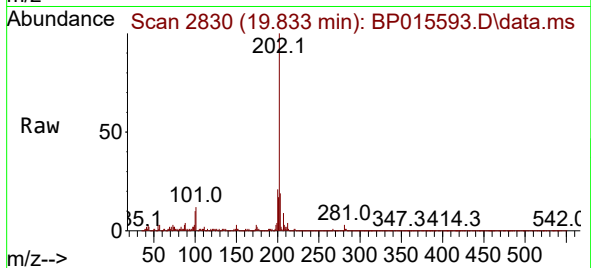
Tgt Ion:	202	Resp:	23136
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.9	14.9
100	10.2	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#85

Benzo(a)anthracene

Concen: 2.428 ng/ul

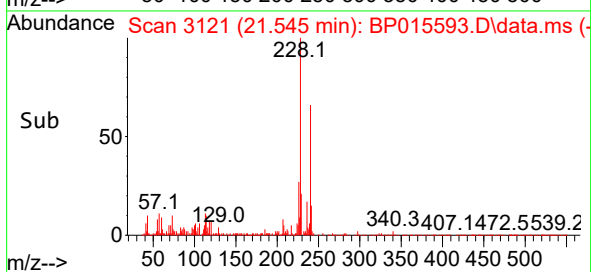
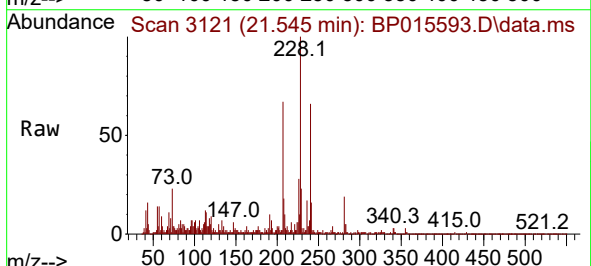
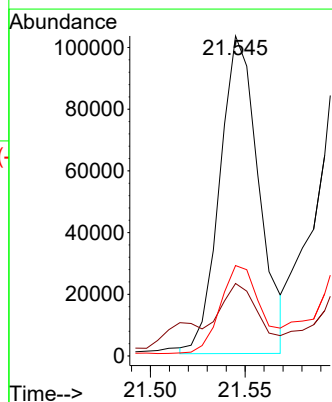
RT: 21.545 min Scan# 3121

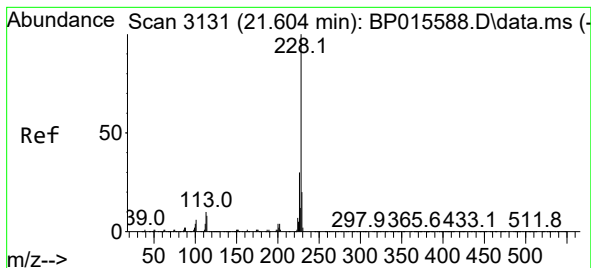
Delta R.T. -0.006 min

Lab File: BP015593.D

Acq: 16 Jun 2023 22:33

Tgt Ion:	228	Resp:	148365
Ion Ratio	Lower	Upper	
228	100		
229	22.6	15.8	23.6
226	28.3	21.8	32.6





#87

Chrysene

Concen: 3.004 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015593.D

Acq: 16 Jun 2023 22:33

Instrument :

BNA_P

ClientSampleId :

DCFH4

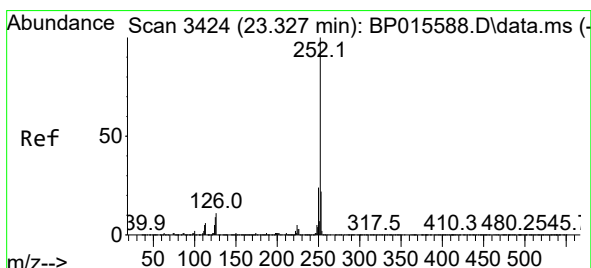
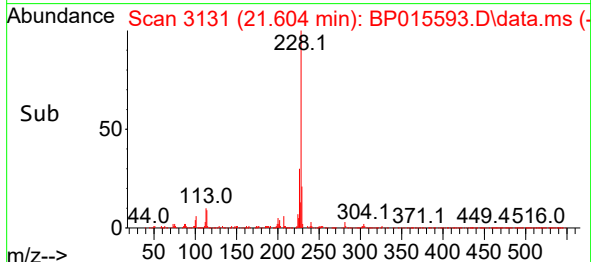
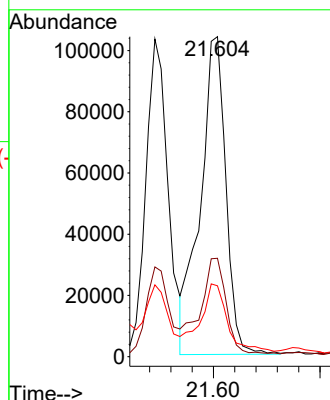
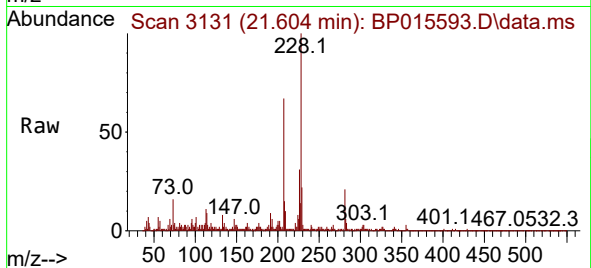
Tgt Ion:	228	Resp:	173492
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.9	35.9
229	22.1	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#90

Benzo(b)fluoranthene

Concen: 4.478 ng/ul

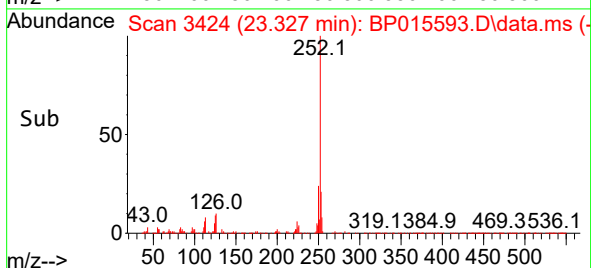
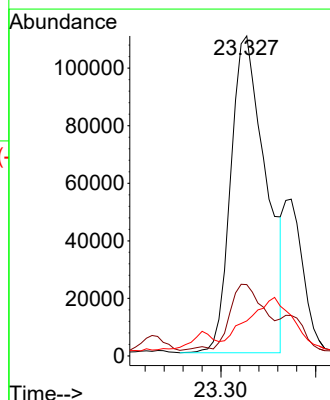
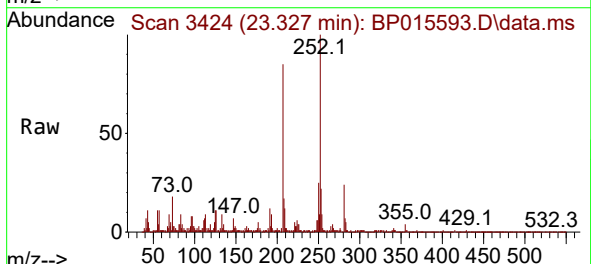
RT: 23.327 min Scan# 3424

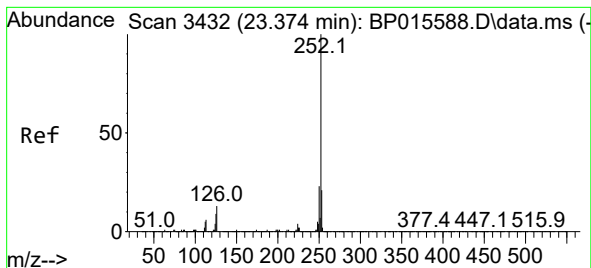
Delta R.T. -0.000 min

Lab File: BP015593.D

Acq: 16 Jun 2023 22:33

Tgt Ion:	252	Resp:	283004
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	10.9	7.3	10.9





#91

Benzo(k)fluoranthene

Concen: 1.258 ng/ul m

RT: 23.374 min Scan# 3432

Delta R.T. -0.006 min

Lab File: BP015593.D

Acq: 16 Jun 2023 22:33

Instrument :

BNA_P

ClientSampleId :

DCFH4

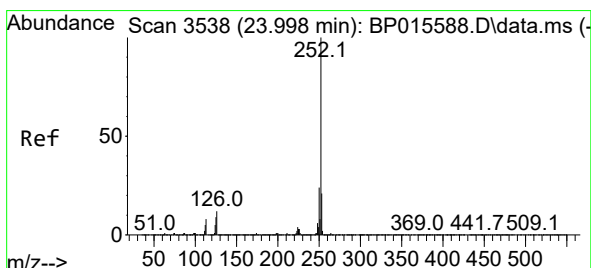
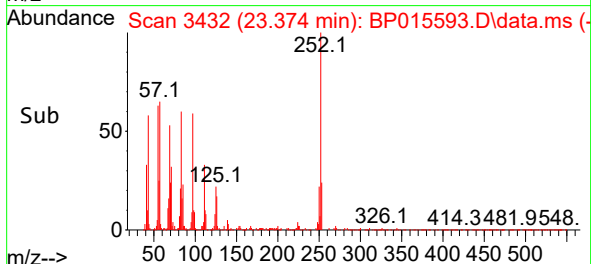
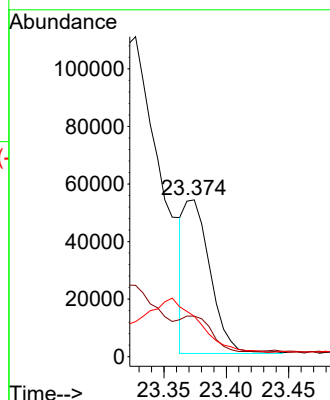
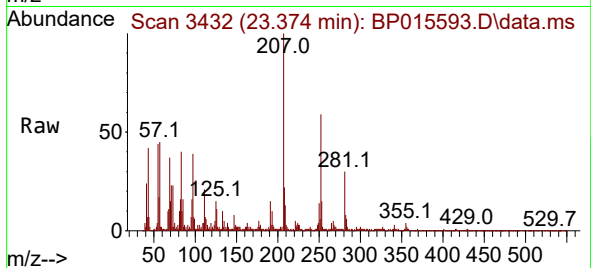
Tgt Ion:252	Resp:	7685
Ion Ratio	Lower	Upper
252	100	
253	25.9	17.7 26.5
125	25.8	7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#93

Benzo(a)pyrene

Concen: 3.236 ng/ul

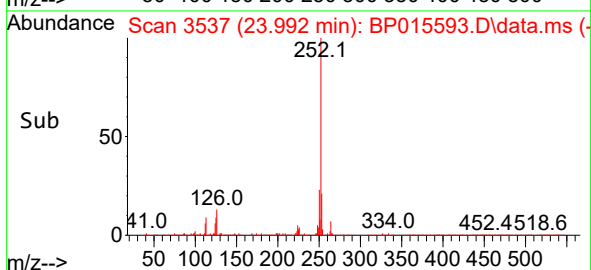
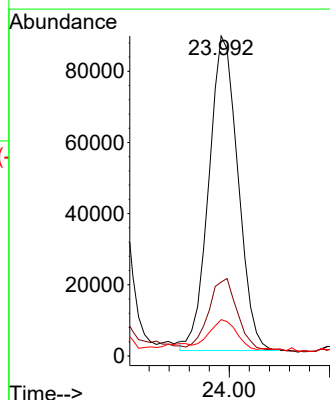
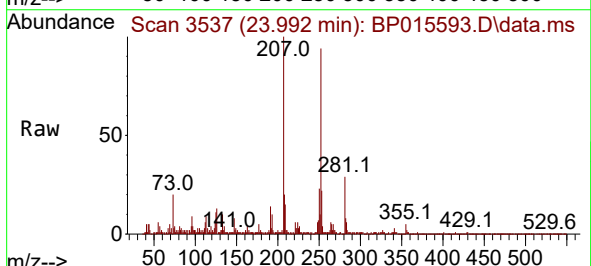
RT: 23.992 min Scan# 3537

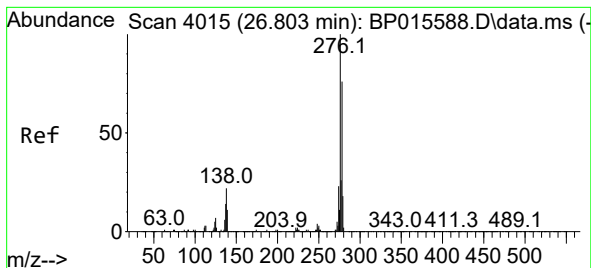
Delta R.T. -0.012 min

Lab File: BP015593.D

Acq: 16 Jun 2023 22:33

Tgt Ion:252	Resp:	178314
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.8 26.6
125	11.3	8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.922 ng/ul

RT: 26.798 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015593.D

Acq: 16 Jun 2023 22:33

Instrument :

BNA_P

ClientSampleId :

DCFH4

Tgt Ion:276 Resp: 137015

Ion Ratio Lower Upper

276 100

138 17.8 17.3 25.9

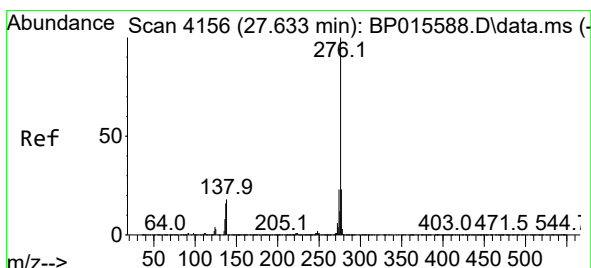
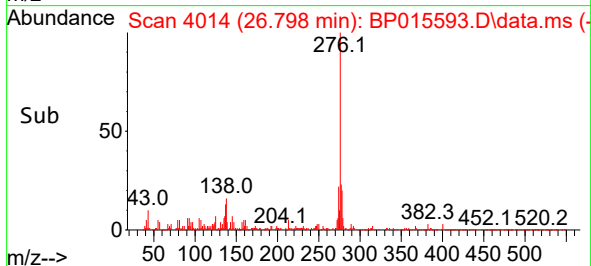
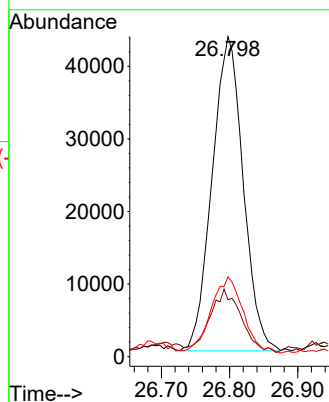
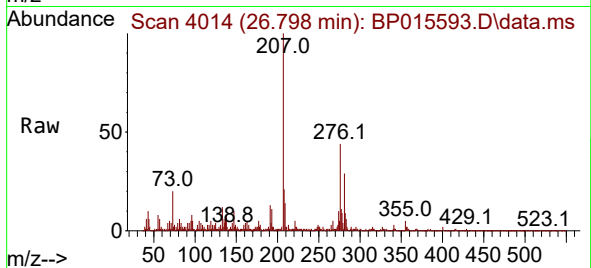
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#96

Benzo(g,h,i)perylene

Concen: 2.334 ng/ul

RT: 27.627 min Scan# 4155

Delta R.T. -0.012 min

Lab File: BP015593.D

Acq: 16 Jun 2023 22:33

Tgt Ion:276 Resp: 137167

Ion Ratio Lower Upper

276 100

138 19.9 15.6 23.4

277 24.7 19.0 28.6

