

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015596.D
 Acq On : 17 Jun 2023 00:15
 Operator : MA/JU
 Sample : 03080-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH7

Quant Time: Jun 17 01:13:44 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	143793	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	646243	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	432538	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.481	188	995890	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	975896	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1035623	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	12247	3.154	ng/uL	0.00
4) Pyridine-d5	3.852	84	111246	11.029	ng/u1	0.00
7) Phenol-d5	7.240	99	263691	19.906	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	170903	21.602	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	210666	21.934	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	200051	18.400	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	112718	22.216	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	130224	22.475	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	228280	21.598	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	192844	12.711	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	836568	24.527	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	912699	24.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	104970	17.186	ng/u1	0.01
60) Fluorene-d10	15.716	176	706058	24.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	120780	19.144	ng/u1	0.00
73) Anthracene-d10	17.581	188	1070727	23.630	ng/u1	0.00
81) Pyrene-d10	19.804	212	1407573	26.949	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1325421	25.507	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.528	178	120845	2.261	ng/u1	99
80) Fluoranthene	19.480	202	372807	5.860	ng/u1	99
82) Pyrene	19.833	202	327423	4.974	ng/u1	99
85) Benzo(a)anthracene	21.545	228	204399	2.996	ng/u1	98
87) Chrysene	21.604	228	237988m	3.691	ng/u1	
90) Benzo(b)fluoranthene	23.321	252	396588	5.933	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	110165m	1.705	ng/u1	
93) Benzo(a)pyrene	23.998	252	243974	4.186	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	191221	2.535	ng/u1	96
96) Benzo(g,h,i)perylene	27.633	276	180430	2.903	ng/u1	98

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

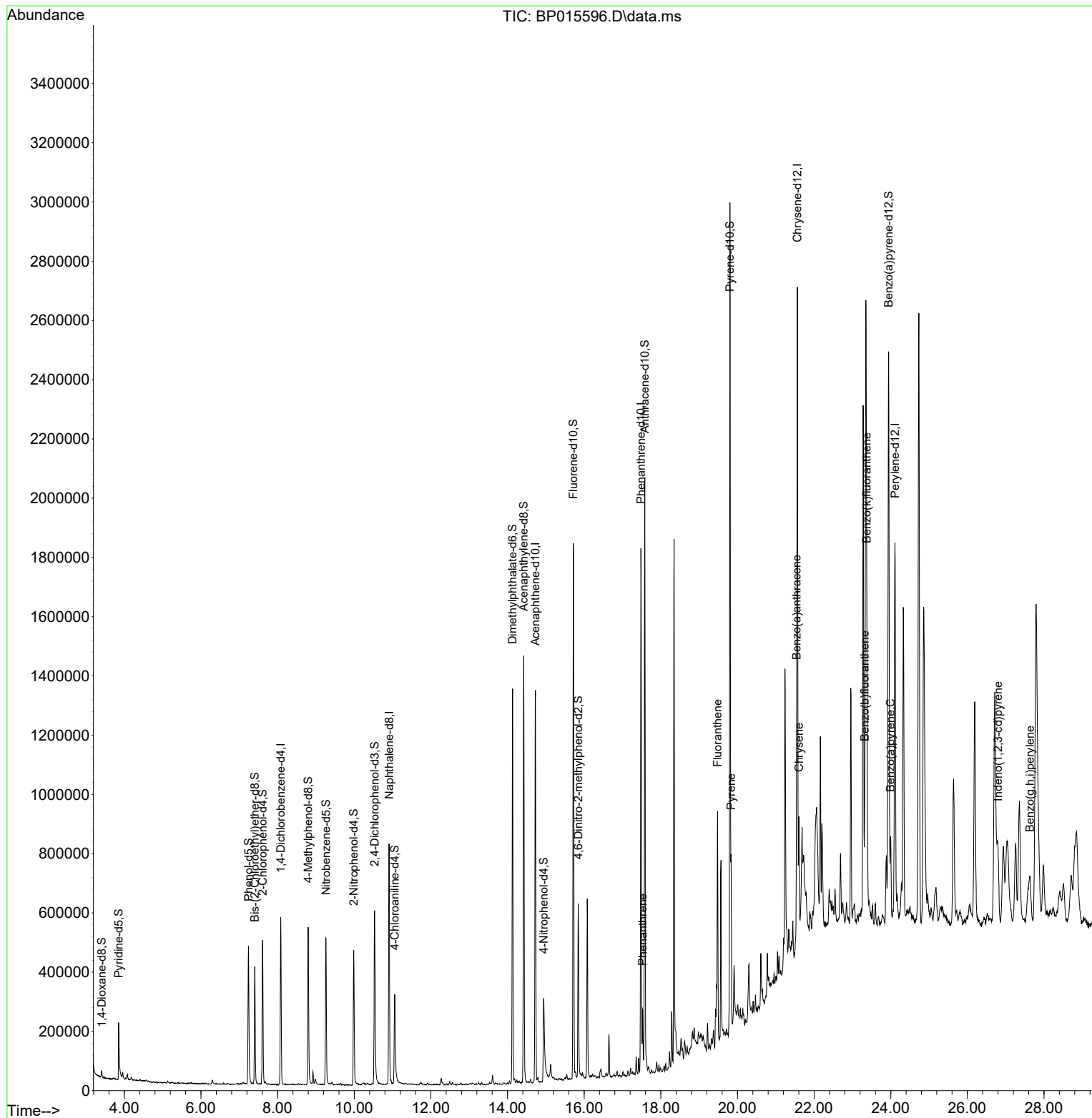
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015596.D
Acq On : 17 Jun 2023 00:15
Operator : MA/JU
Sample : 03080-08
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ALS Vial : 27 Sample Multiplier: 1

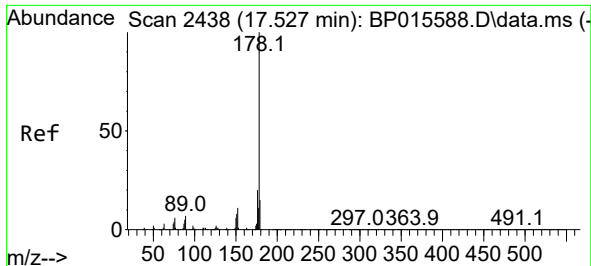
Instrument :
BNA_P
ClientSampleId :
DCFH7

Quant Time: Jun 17 01:13:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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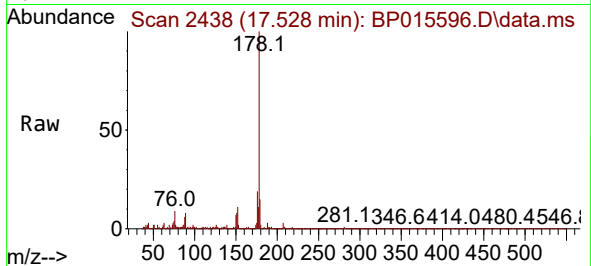
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#72
Phenanthrene
Concen: 2.261 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP015596.D
Acq: 17 Jun 2023 00:15

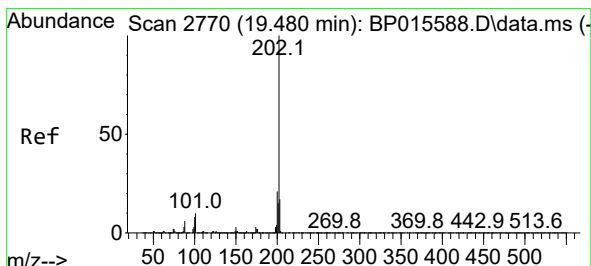
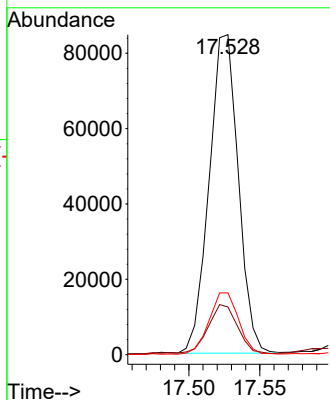
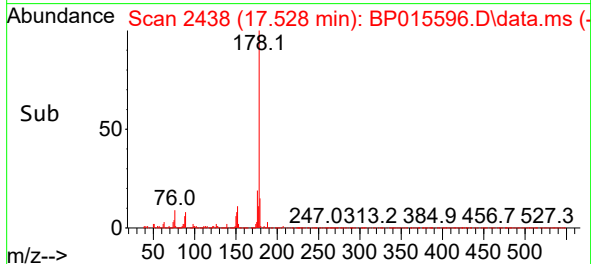
Instrument :
BNA_P
Client Sample Id :
DCFH7



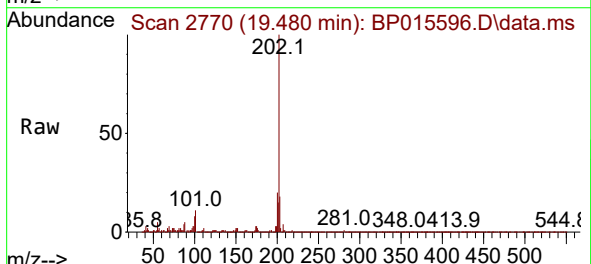
Tgt Ion:178 Resp: 120845
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 19.3 15.4 23.0

Manual Integrations
APPROVED

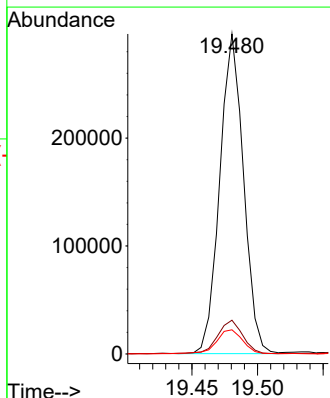
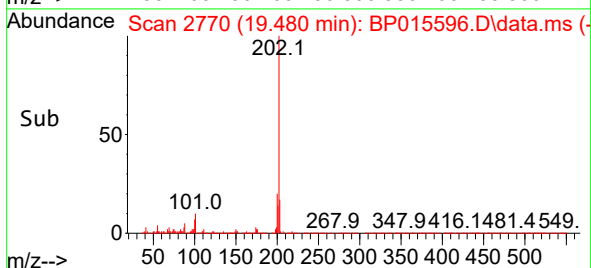
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

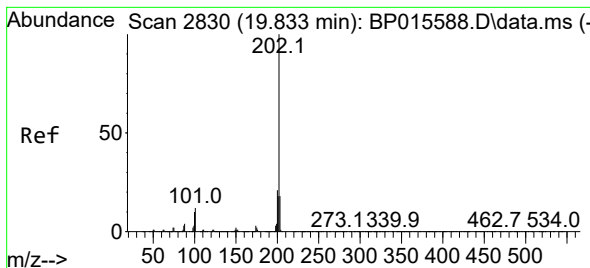


#80
Fluoranthene
Concen: 5.860 ng/ul
RT: 19.480 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP015596.D
Acq: 17 Jun 2023 00:15



Tgt Ion:202 Resp: 372807
Ion Ratio Lower Upper
202 100
101 10.6 8.6 13.0
100 7.6 6.6 9.8





#82

Pyrene

Concen: 4.974 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015596.D

Acq: 17 Jun 2023 00:15

Instrument :

BNP_P

ClientSampleId :

DCFH7

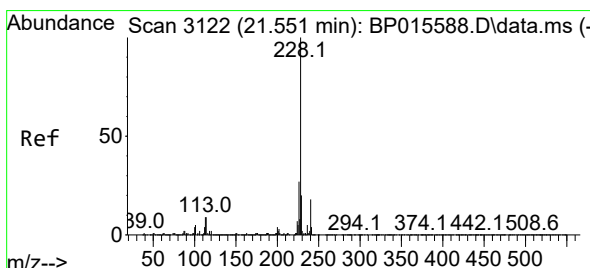
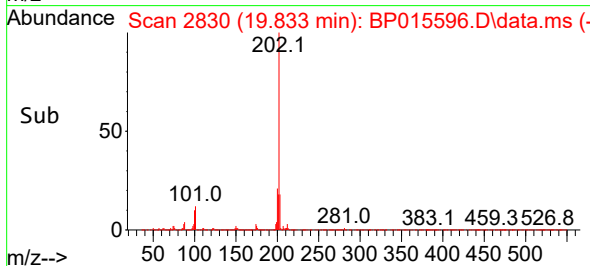
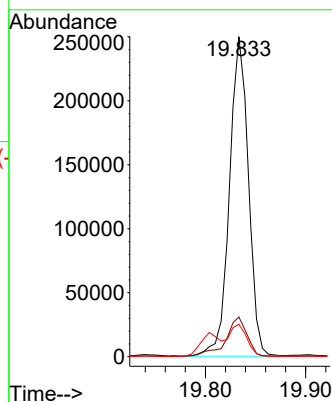
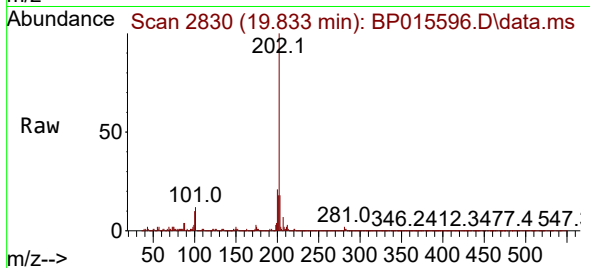
Tgt Ion:	202	Resp:	32742
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.9	14.9
100	10.1	8.4	12.6

Manual Integrations

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Supervised By :mohammad ahmed 06/20/2023



#85

Benzo(a)anthracene

Concen: 2.996 ng/ul

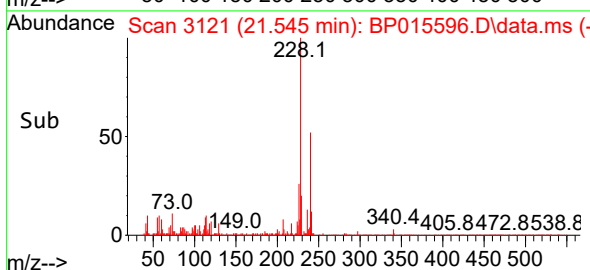
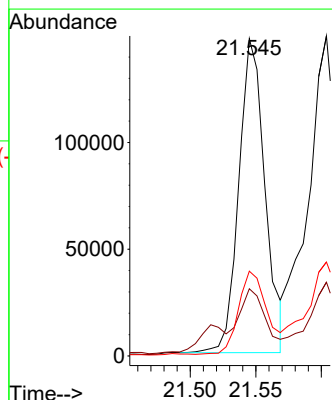
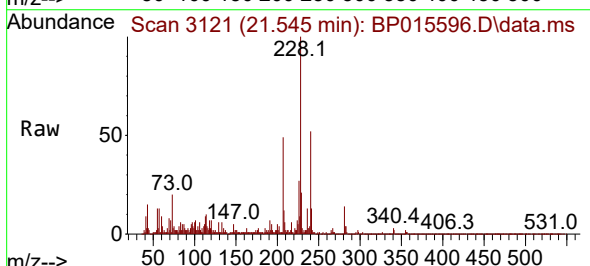
RT: 21.545 min Scan# 3121

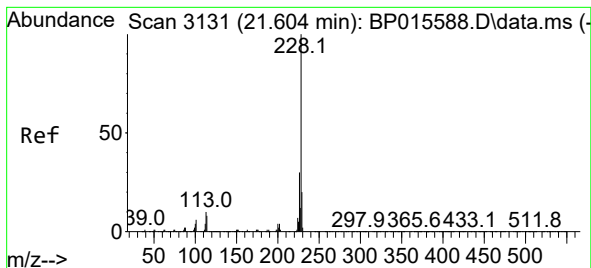
Delta R.T. -0.006 min

Lab File: BP015596.D

Acq: 17 Jun 2023 00:15

Tgt Ion:	228	Resp:	204399
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.8	23.6
226	26.7	21.8	32.6





#87

Chrysene

Concen: 3.691 ng/ul m

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015596.D

Acq: 17 Jun 2023 00:15

Instrument :

BNA_P

ClientSampleId :

DCFH7

Tgt Ion:228 Resp: 237988

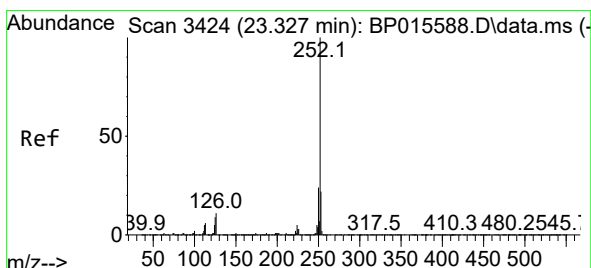
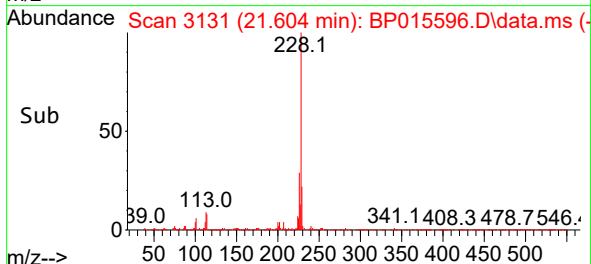
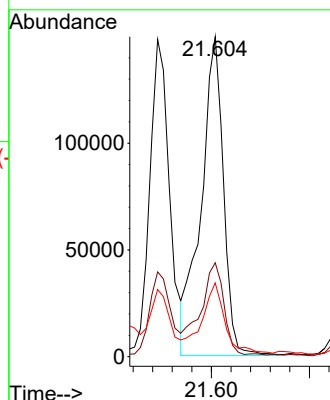
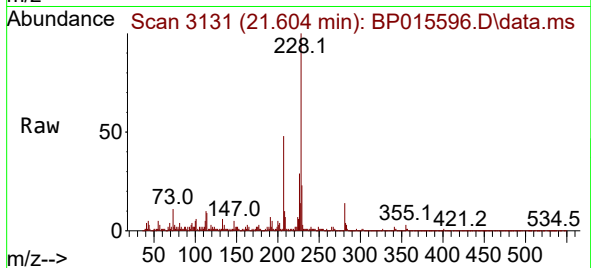
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	23.0	15.1	22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/20/2023



#90

Benzo(b)fluoranthene

Concen: 5.933 ng/ul

RT: 23.321 min Scan# 3423

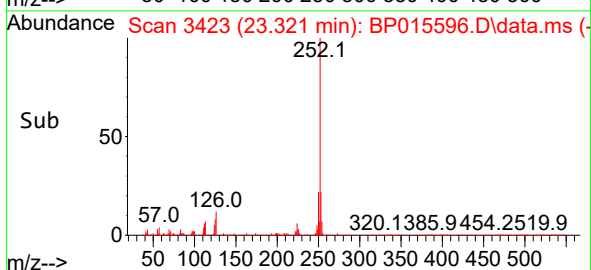
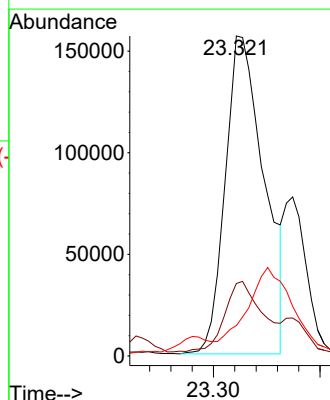
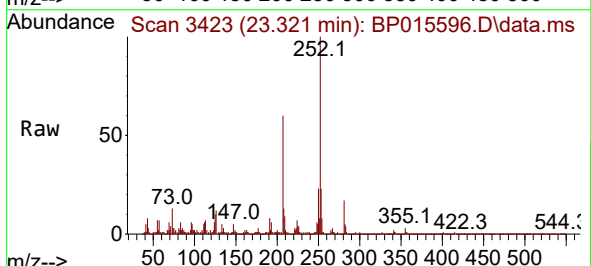
Delta R.T. -0.006 min

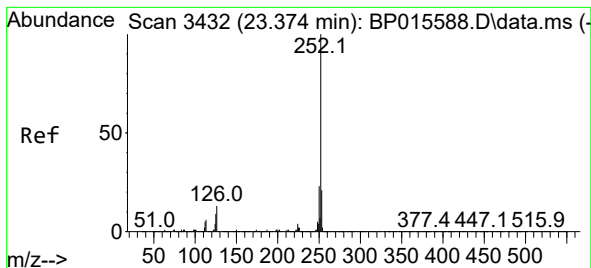
Lab File: BP015596.D

Acq: 17 Jun 2023 00:15

Tgt Ion:252 Resp: 396588

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.5	7.3	10.9





#91

Benzo(k)fluoranthene

Concen: 1.705 ng/ul m

RT: 23.374 min Scan# 3432

Delta R.T. -0.006 min

Lab File: BP015596.D

Acq: 17 Jun 2023 00:15

Instrument :

BNA_P

ClientSampleId :

DCFH7

Tgt Ion:252 Resp: 11016

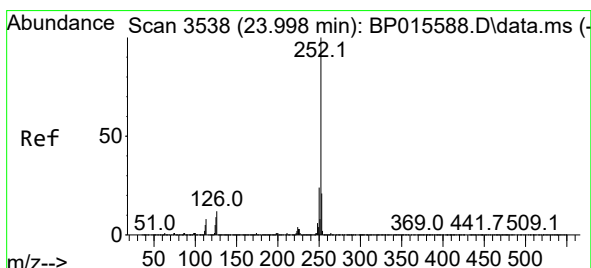
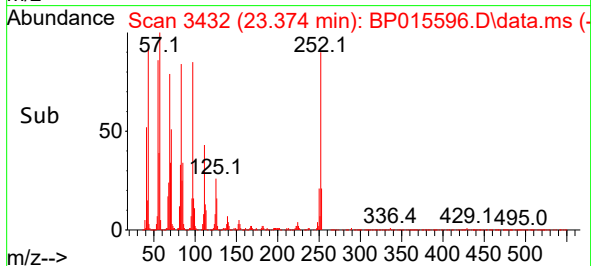
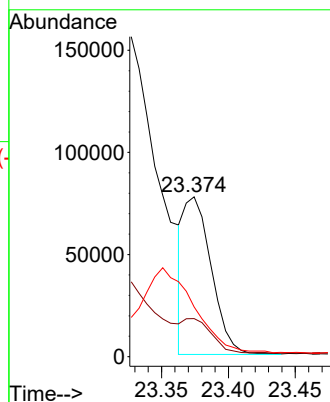
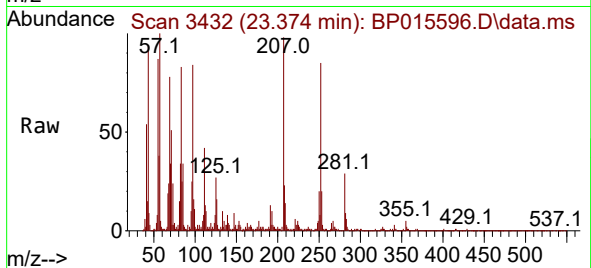
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	31.2	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/20/2023



#93

Benzo(a)pyrene

Concen: 4.186 ng/ul

RT: 23.998 min Scan# 3538

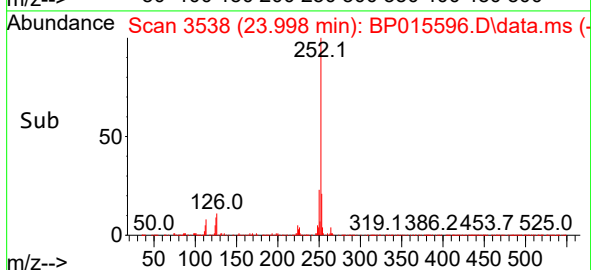
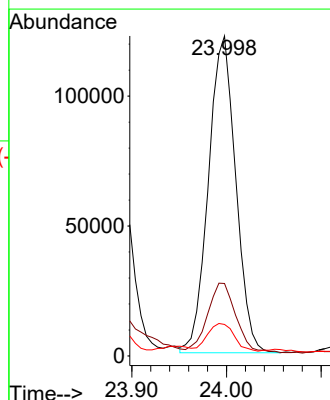
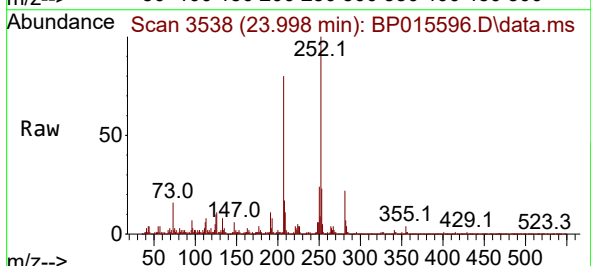
Delta R.T. -0.006 min

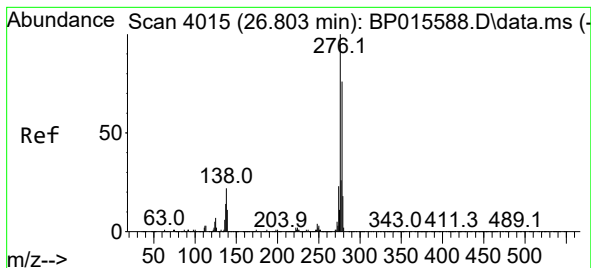
Lab File: BP015596.D

Acq: 17 Jun 2023 00:15

Tgt Ion:252 Resp: 243974

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.8	8.1	12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.535 ng/ul

RT: 26.798 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015596.D

Acq: 17 Jun 2023 00:15

Instrument :

BNA_P

ClientSampleId :

DCFH7

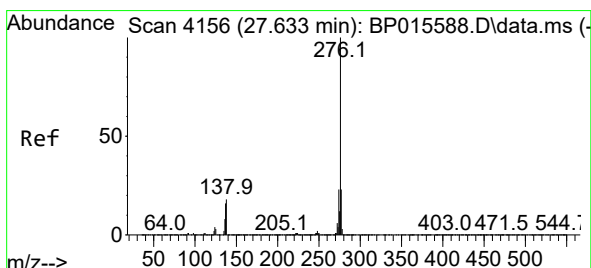
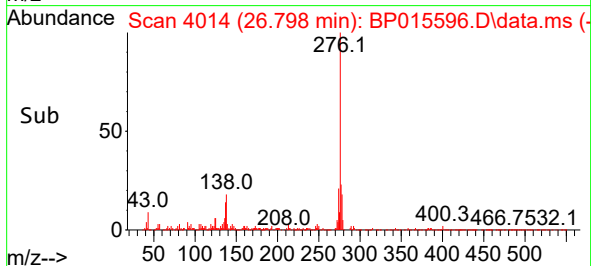
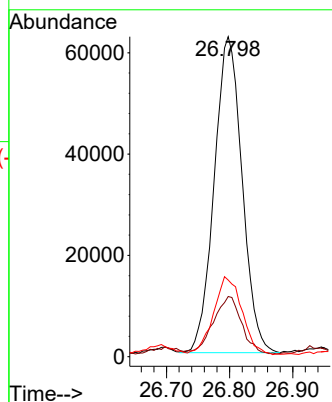
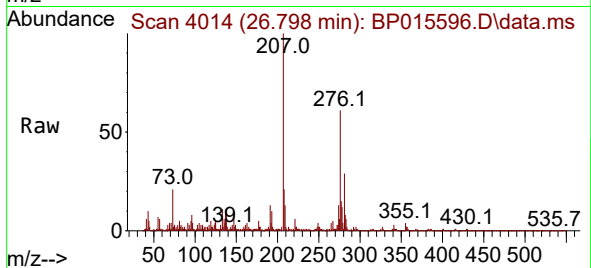
Tgt Ion:	276	Resp:	19122
Ion Ratio	Lower	Upper	
276	100		
138	18.8	17.3	25.9
277	24.0	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#96

Benzo(g,h,i)perylene

Concen: 2.903 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. -0.006 min

Lab File: BP015596.D

Acq: 17 Jun 2023 00:15

Tgt Ion:	276	Resp:	180430
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.6	23.4
277	25.5	19.0	28.6

