

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015592.D
 Acq On : 16 Jun 2023 22:00
 Operator : MA/JU
 Sample : 03080-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH3

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 23:25:00 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	129060	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	576071	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	380926	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.481	188	858379	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	803703	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	861096	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	7966	2.286	ng/uL	0.00
4) Pyridine-d5	3.852	84	96250	10.632	ng/u1	0.00
7) Phenol-d5	7.240	99	191288	16.088	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	122940	17.313	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	154011	17.866	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	125577	12.869	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	78431	17.342	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	92310	17.872	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	167973	17.828	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	115435m	8.536	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	615231	20.482	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	665613	20.265	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	63504	11.805	ng/u1	0.01
60) Fluorene-d10	15.716	176	516325	20.384	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	76917	14.145	ng/u1	0.00
73) Anthracene-d10	17.581	188	794149	20.334	ng/u1	0.00
81) Pyrene-d10	19.804	212	1007226	23.415	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	935453	21.651	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.522	178	202031	4.386	ng/u1	100
80) Fluoranthene	19.480	202	532517	10.163	ng/u1	99
82) Pyrene	19.833	202	469617	8.663	ng/u1	99
85) Benzo(a)anthracene	21.545	228	297792	5.300	ng/u1	98
87) Chrysene	21.598	228	362856	6.833	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	512526	9.221	ng/u1	99
91) Benzo(k)fluoranthene	23.368	252	173143m	3.222	ng/u1	
93) Benzo(a)pyrene	23.992	252	368508	7.604	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.792	276	258248	4.118	ng/u1	97
95) Dibenzo(a,h)anthracene	26.804	278	74604	1.460	ng/u1#	77
96) Benzo(g,h,i)perylene	27.627	276	306294	5.926	ng/u1	99

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

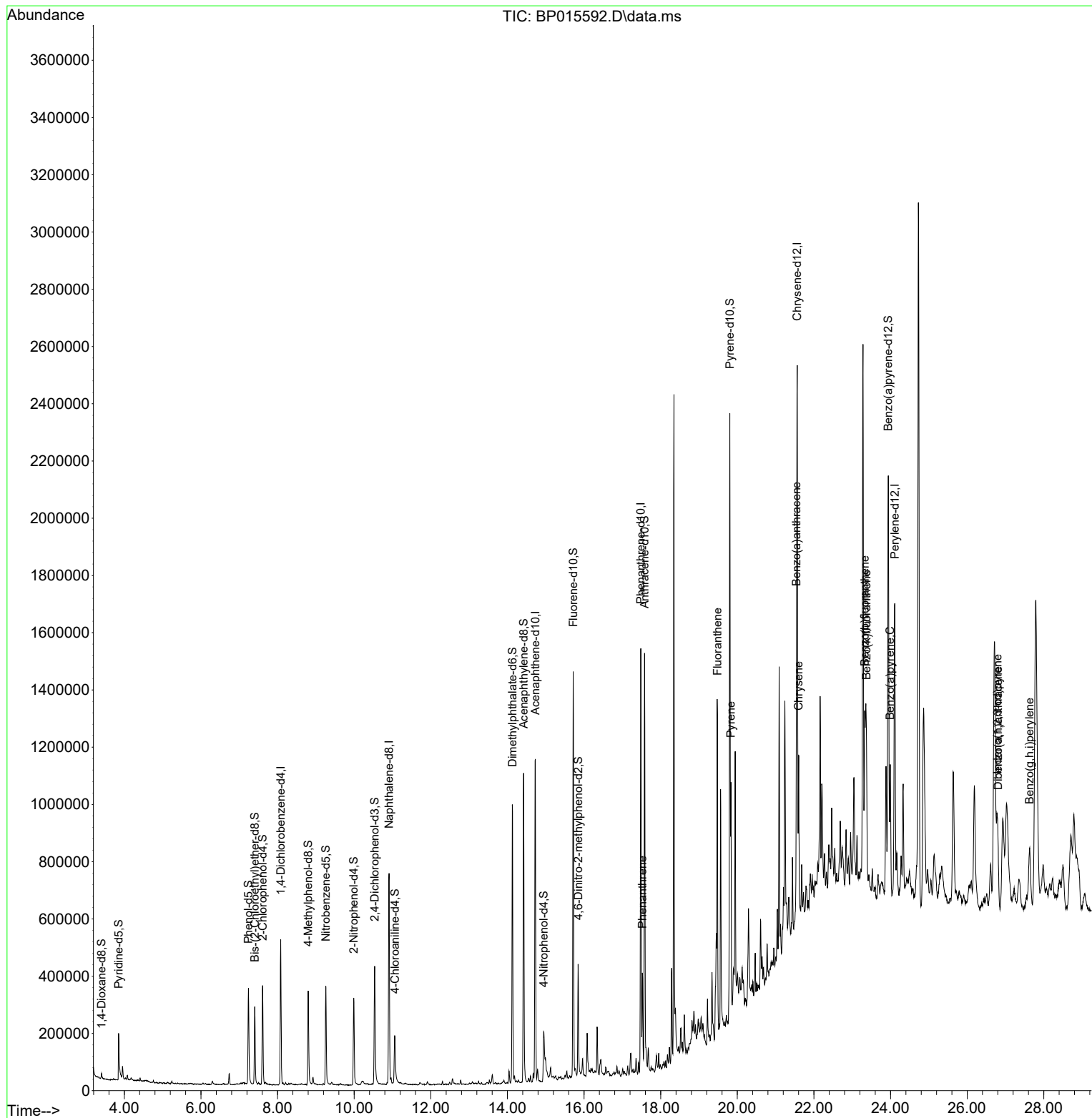
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
Data File : BP015592.D
Acq On : 16 Jun 2023 22:00
Operator : MA/JU
Sample : 03080-04
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ALS Vial : 23 Sample Multiplier: 1

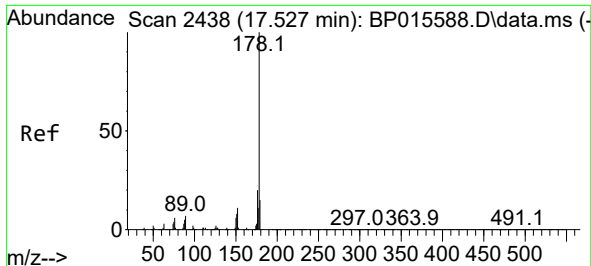
Instrument :
BNA_P
ClientSampleId :
DCFH3

Quant Time: Jun 16 23:25:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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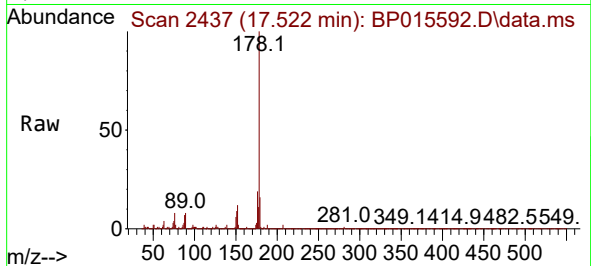
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#72
Phenanthrene
Concen: 4.386 ng/ul
RT: 17.522 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BP015592.D
Acq: 16 Jun 2023 22:00

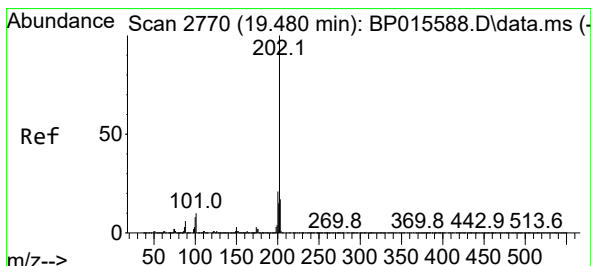
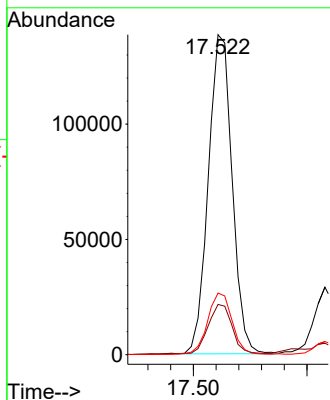
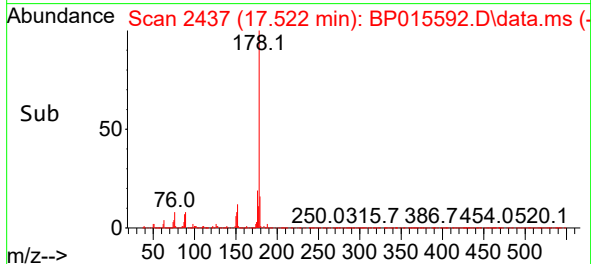
Instrument :
BNA_P
ClientSampleId :
DCFH3



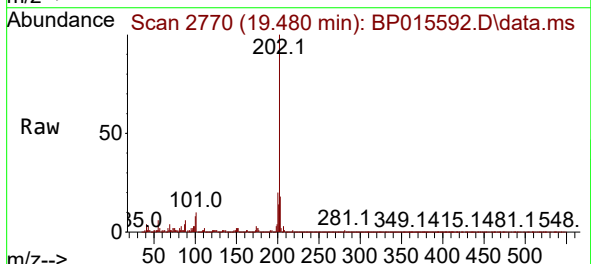
Tgt Ion:178 Resp: 20203
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.3 15.4 23.0

Manual Integrations
APPROVED

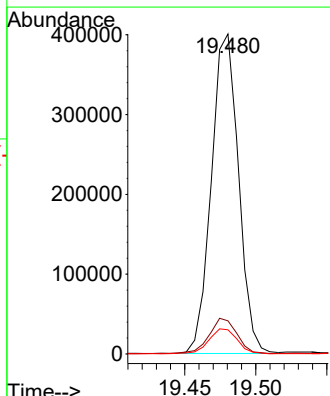
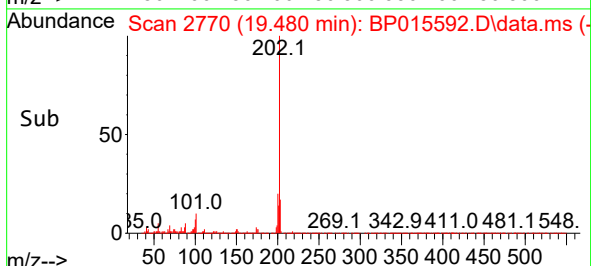
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

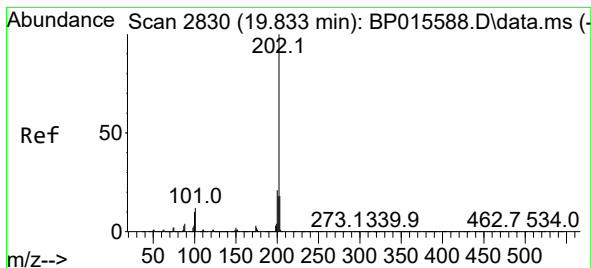


#80
Fluoranthene
Concen: 10.163 ng/ul
RT: 19.480 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP015592.D
Acq: 16 Jun 2023 22:00



Tgt Ion:202 Resp: 532517
Ion Ratio Lower Upper
202 100
101 10.3 8.6 13.0
100 7.6 6.6 9.8





#82

Pyrene

Concen: 8.663 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015592.D

Acq: 16 Jun 2023 22:00

Instrument :

BNA_P

ClientSampleId :

DCFH3

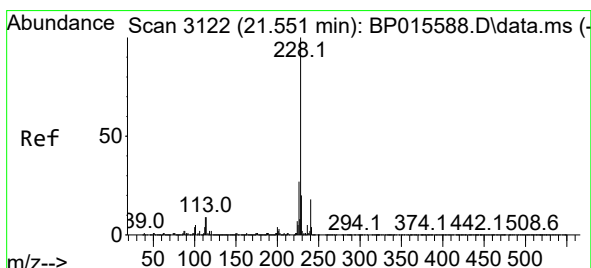
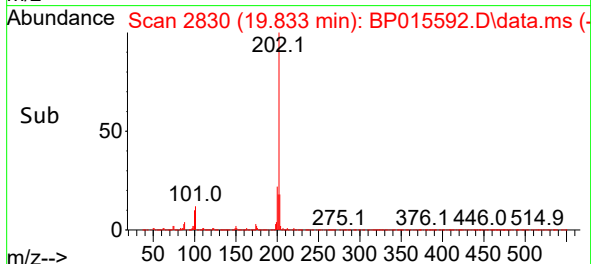
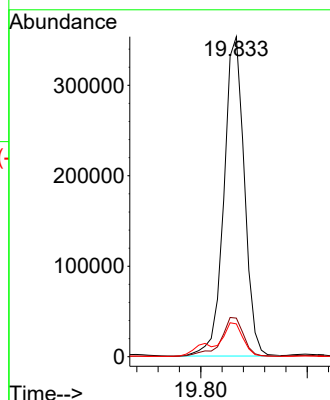
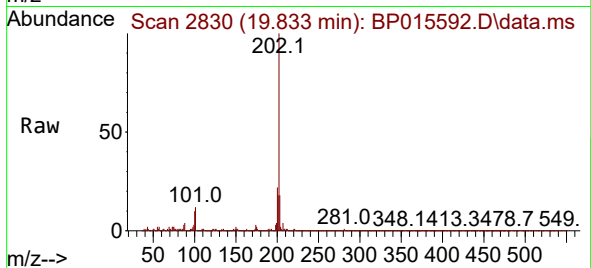
Tgt Ion:	202	Resp:	46961
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.9	14.9
100	10.3	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 5.300 ng/ul

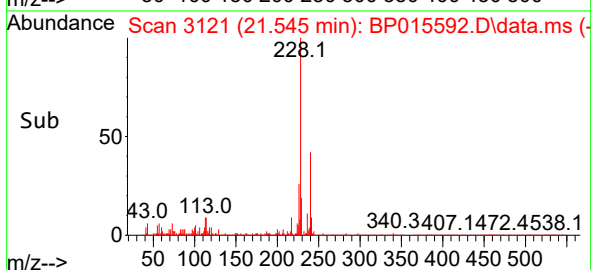
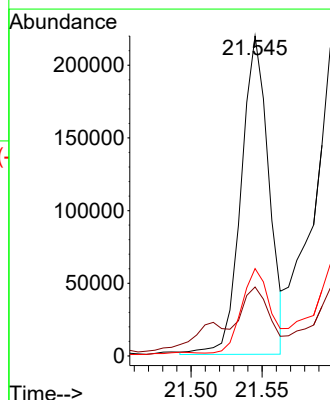
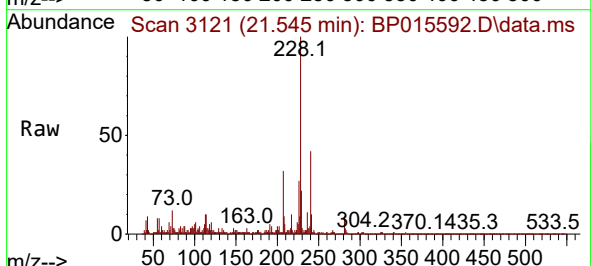
RT: 21.545 min Scan# 3121

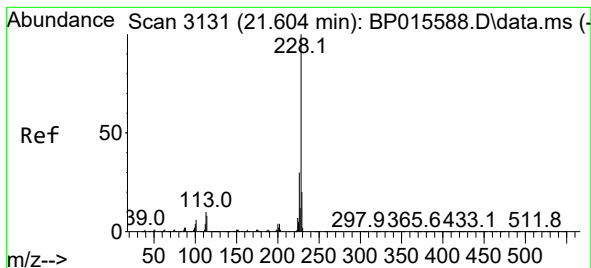
Delta R.T. -0.006 min

Lab File: BP015592.D

Acq: 16 Jun 2023 22:00

Tgt Ion:	228	Resp:	297792
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.8	23.6
226	27.3	21.8	32.6





#87

Chrysene

Concen: 6.833 ng/ul

RT: 21.598 min Scan# 3131

Delta R.T. -0.012 min

Lab File: BP015592.D

Acq: 16 Jun 2023 22:00

Instrument :

BNA_P

ClientSampleId :

DCFH3

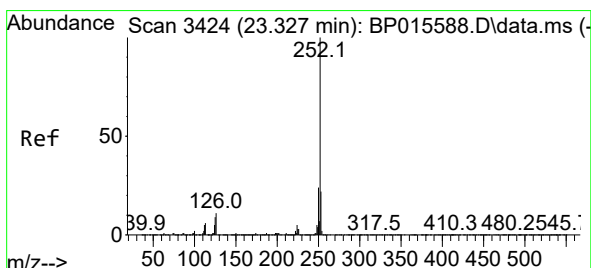
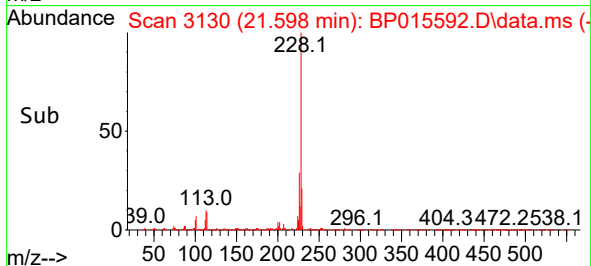
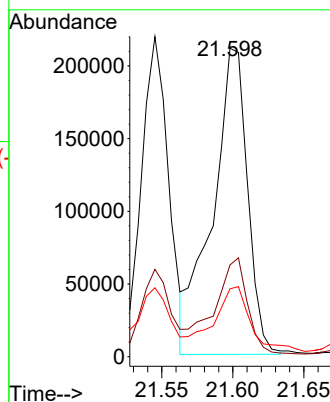
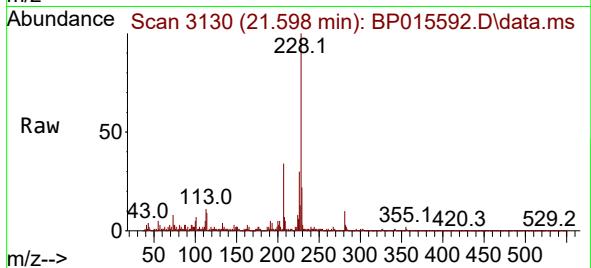
Tgt Ion:	228	Resp:	36285
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.9	35.9
229	22.0	15.1	22.7

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: 9.221 ng/ul

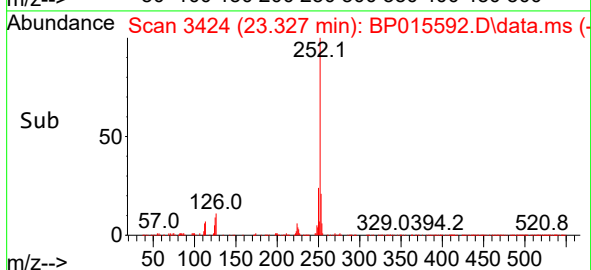
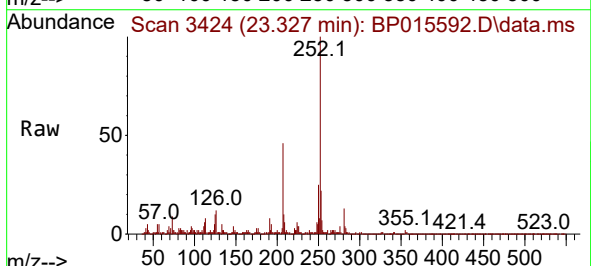
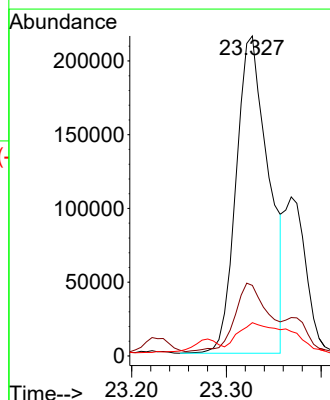
RT: 23.327 min Scan# 3424

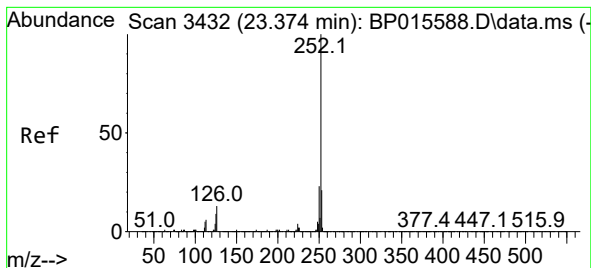
Delta R.T. -0.000 min

Lab File: BP015592.D

Acq: 16 Jun 2023 22:00

Tgt Ion:	252	Resp:	512526
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	10.4	7.3	10.9





#91

Benzo(k)fluoranthene

Concen: 3.222 ng/ul m

RT: 23.368 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP015592.D

Acq: 16 Jun 2023 22:00

Instrument :

BNA_P

ClientSampleId :

DCFH3

Tgt Ion:252 Resp: 17314

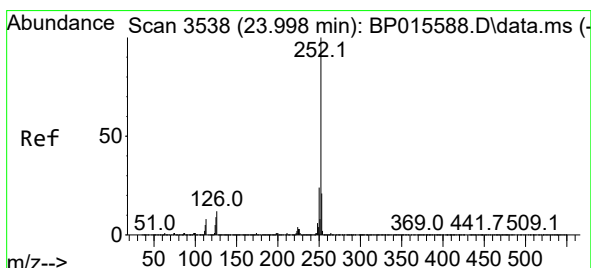
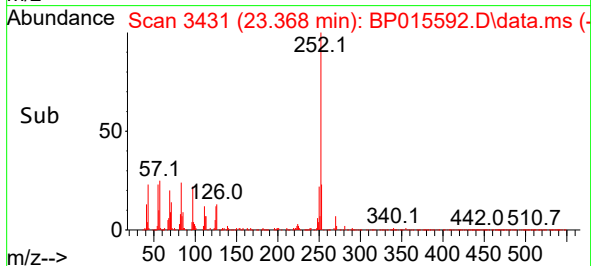
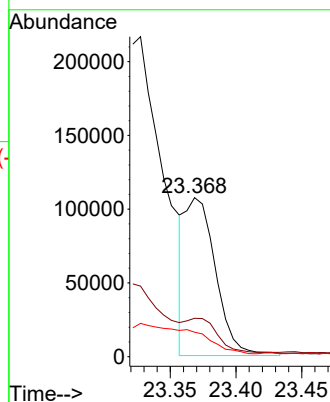
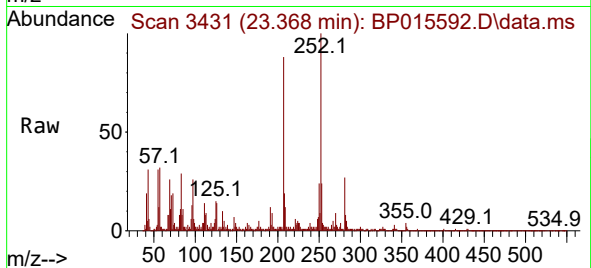
Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	15.4	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/20/2023



#93

Benzo(a)pyrene

Concen: 7.604 ng/ul

RT: 23.992 min Scan# 3537

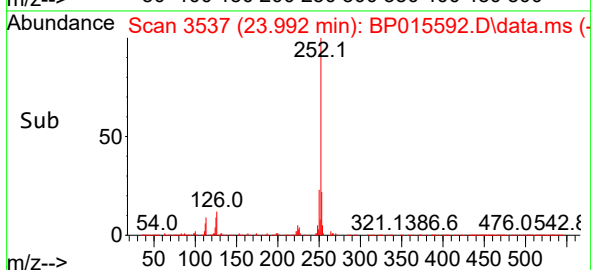
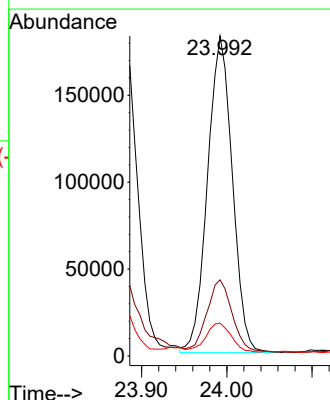
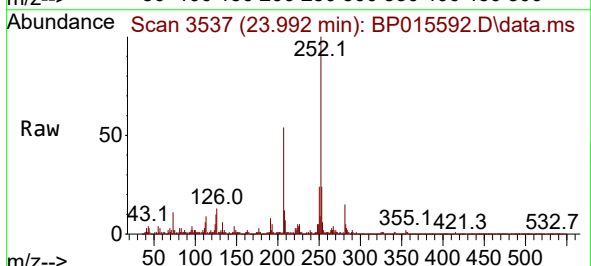
Delta R.T. -0.012 min

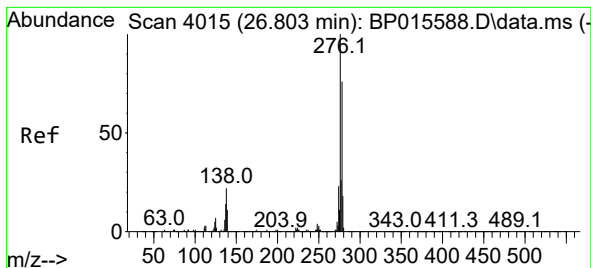
Lab File: BP015592.D

Acq: 16 Jun 2023 22:00

Tgt Ion:252 Resp: 368508

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	10.2	8.1	12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.118 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.018 min

Lab File: BP015592.D

Acq: 16 Jun 2023 22:00

Instrument :

BNA_P

ClientSampleId :

DCFH3

Tgt Ion:276 Resp: 25824

Ion Ratio Lower Upper

276 100

138 19.1 17.3 25.9

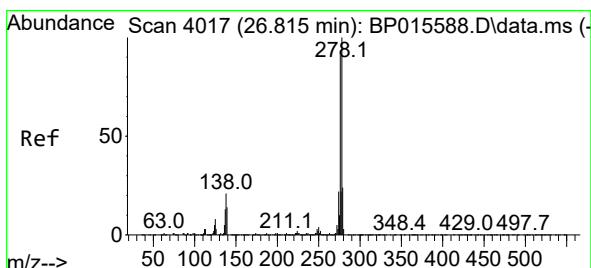
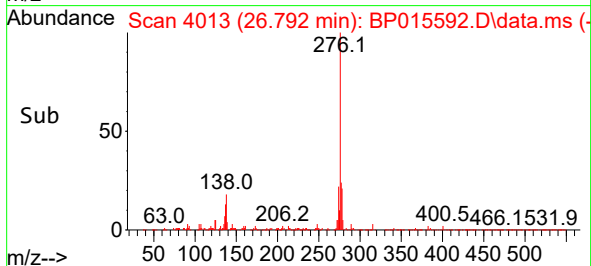
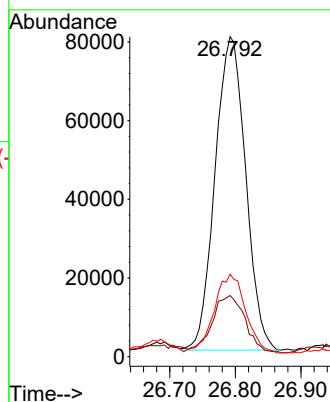
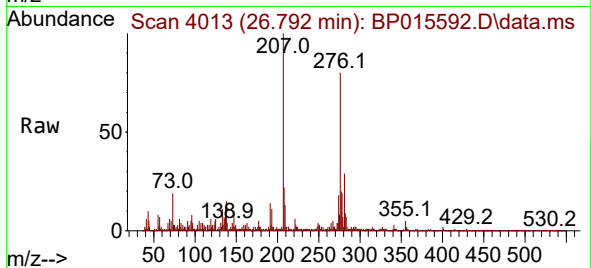
277 25.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.460 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. -0.024 min

Lab File: BP015592.D

Acq: 16 Jun 2023 22:00

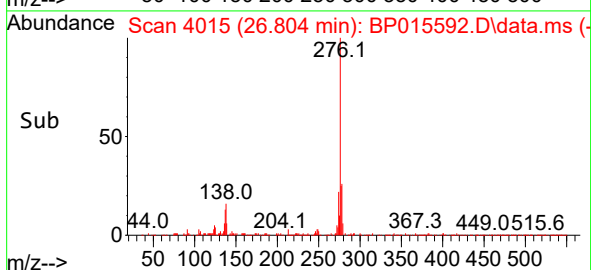
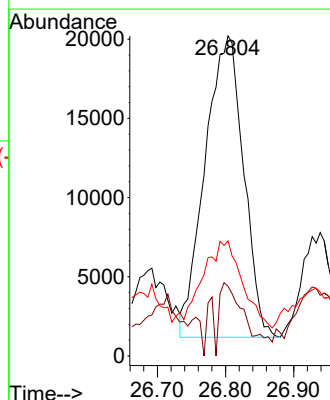
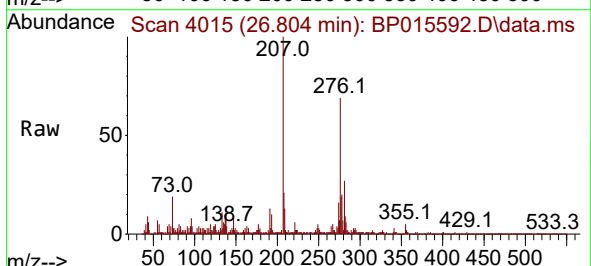
Tgt Ion:278 Resp: 74604

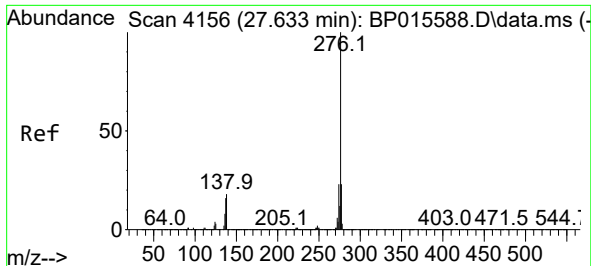
Ion Ratio Lower Upper

278 100

139 21.8 11.4 17.0#

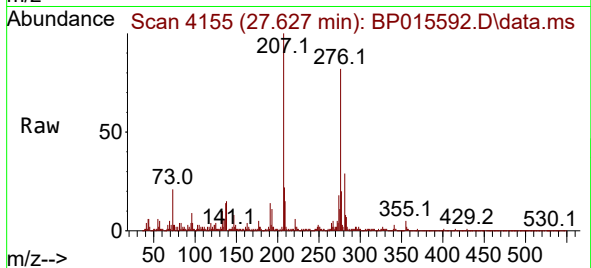
279 36.0 18.7 28.1#





#96
Benzo(g,h,i)perylene
Concen: 5.926 ng/ul
RT: 27.627 min Scan# 4155
Delta R.T. -0.012 min
Lab File: BP015592.D
Acq: 16 Jun 2023 22:00

Instrument :
BNA_P
ClientSampleId :
DCFH3



Tgt Ion:276 Resp: 306294
Ion Ratio Lower Upper
276 100
138 18.9 15.6 23.4
277 24.5 19.0 28.6

Manual Integrations
APPROVED

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

