

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015600.D
 Acq On : 17 Jun 2023 02:30
 Operator : MA/JU
 Sample : 03080-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ8

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 03:09:07 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	133578	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	598774	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	385500	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.480	188	883502	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	921259	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1033195	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	12067	3.345	ng/uL	0.00
4) Pyridine-d5	3.858	84	40599	4.333	ng/ul	0.01
7) Phenol-d5	7.240	99	259924	21.122	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	171486	23.333	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	213993	23.984	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	184537	18.271	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	110590	23.525	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	131478	24.491	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	218891	22.352	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	175695	12.499	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	759034	24.969	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	855861	25.748	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	63376m	11.642	ng/ul	0.02
60) Fluorene-d10	15.716	176	650470	25.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	96828	17.300	ng/ul	0.00
73) Anthracene-d10	17.580	188	1007328	25.059	ng/ul	0.00
81) Pyrene-d10	19.804	212	1296563	26.296	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1310451	25.278	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.522	178	69596	1.468	ng/ul	99
80) Fluoranthene	19.480	202	203996	3.396	ng/ul	100
82) Pyrene	19.833	202	174972	2.816	ng/ul	98
85) Benzo(a)anthracene	21.545	228	121748	1.890	ng/ul	96
87) Chrysene	21.604	228	144309	2.371	ng/ul	98
90) Benzo(b)fluoranthene	23.327	252	229835	3.446	ng/ul#	96
91) Benzo(k)fluoranthene	23.368	252	79801	1.238	ng/ul#	84
93) Benzo(a)pyrene	23.998	252	136670	2.350	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.798	276	108462	1.441	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	103294	1.666	ng/ul	95

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

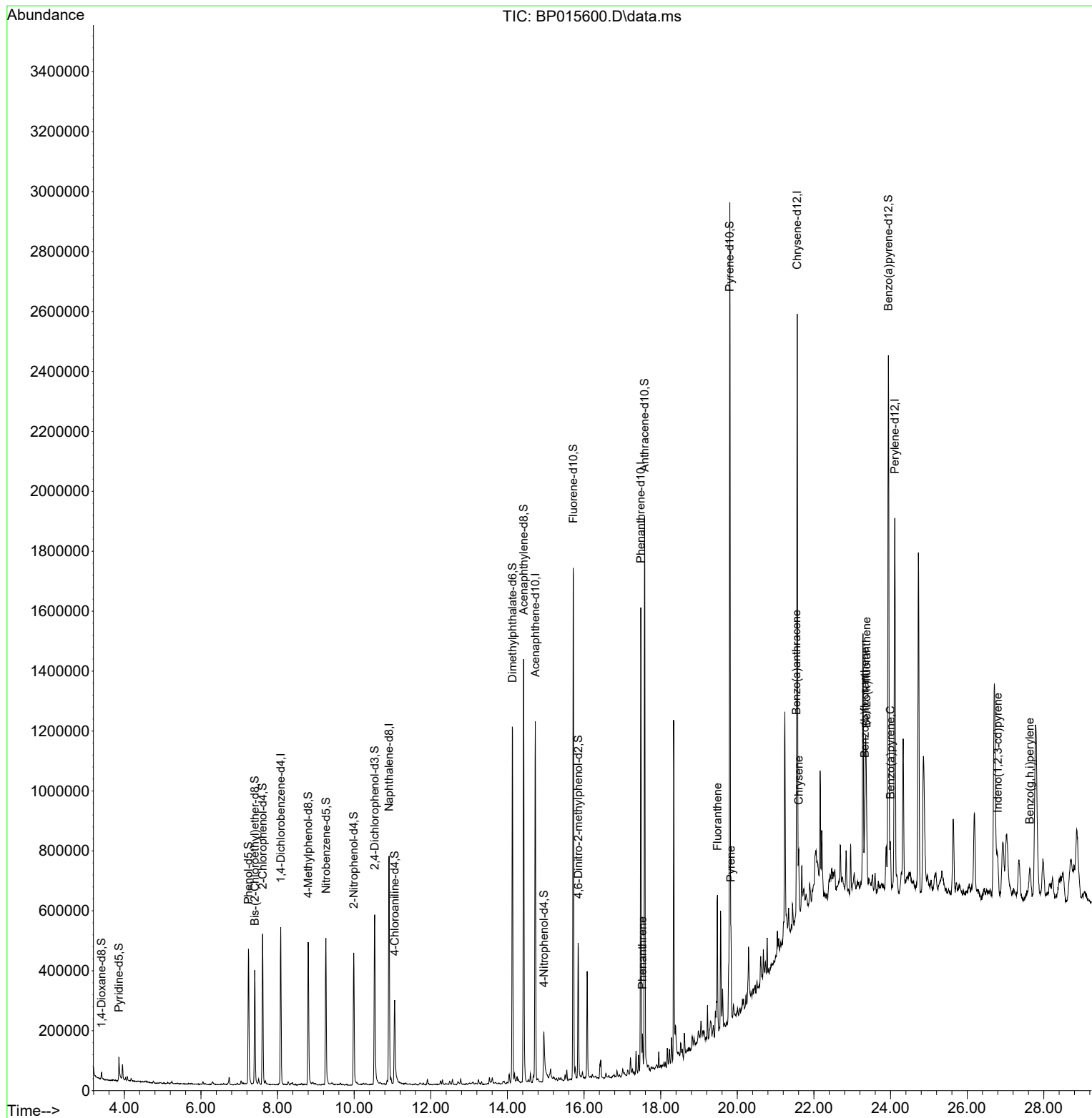
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
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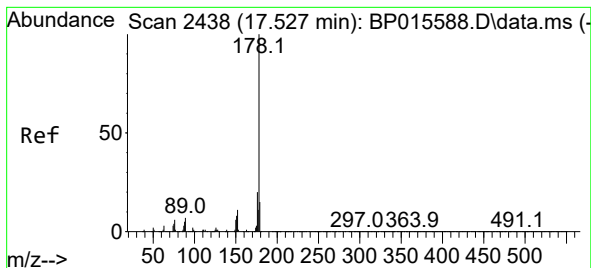
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ8

Quant Time: Jun 17 03:09:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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#72

Phenanthrene

Concen: 1.468 ng/ul

RT: 17.522 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Instrument :

BNA_P

ClientSampleId :

DCFJ8

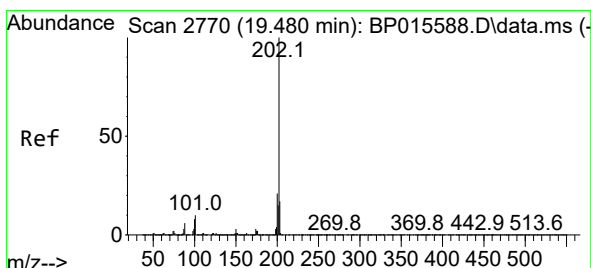
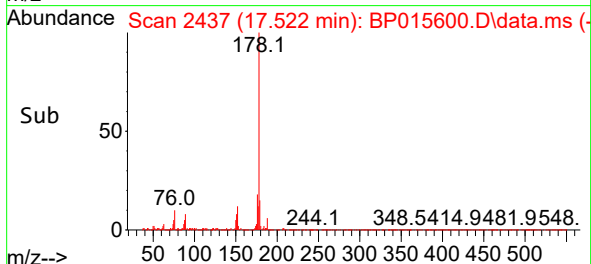
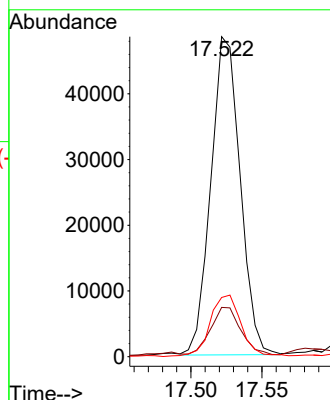
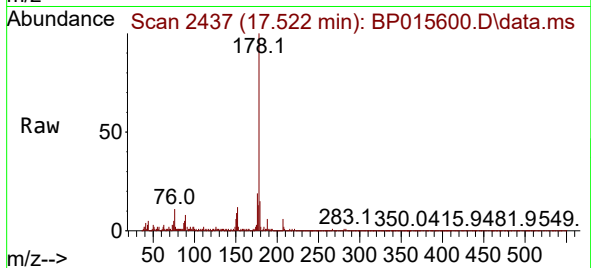
Tgt Ion:178	Resp:	69590
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.3 18.5
176	18.5	15.4 23.0

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#80

Fluoranthene

Concen: 3.396 ng/ul

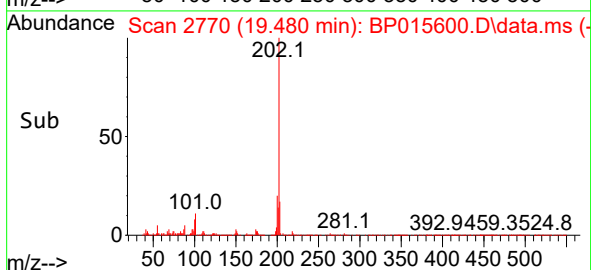
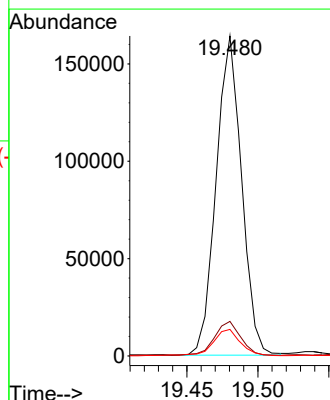
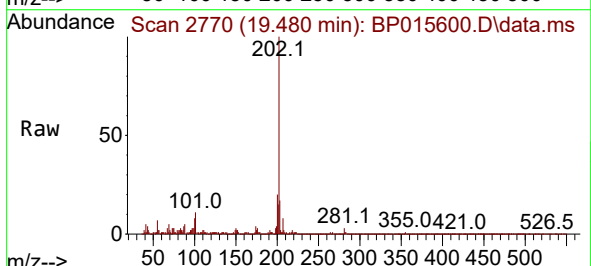
RT: 19.480 min Scan# 2770

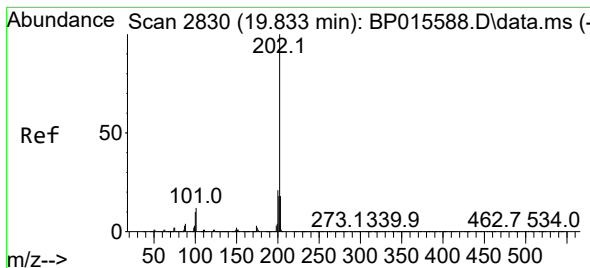
Delta R.T. -0.006 min

Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Tgt Ion:202	Resp:	203996
Ion Ratio	Lower	Upper
202	100	
101	10.8	8.6 13.0
100	8.3	6.6 9.8





#82

Pyrene

Concen: 2.816 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Instrument :

BNA_P

ClientSampleId :

DCFJ8

Tgt Ion:202 Resp: 174972

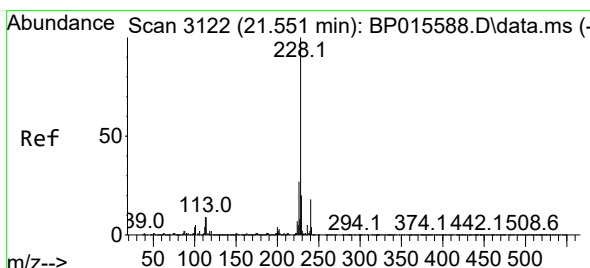
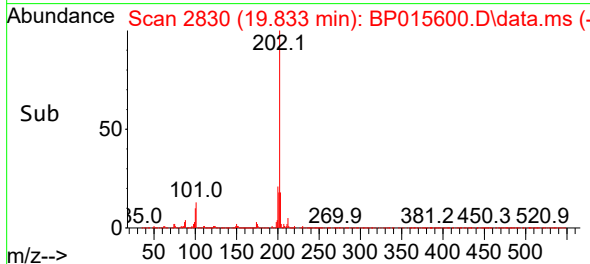
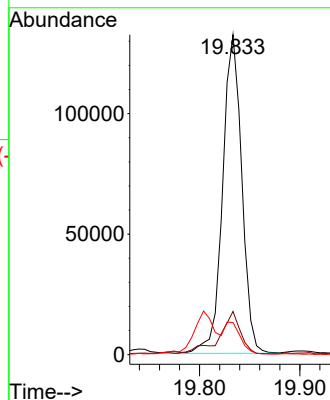
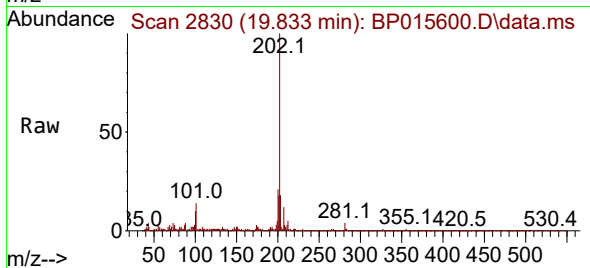
Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.9	14.9
100	10.0	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 1.890 ng/ul

RT: 21.545 min Scan# 3121

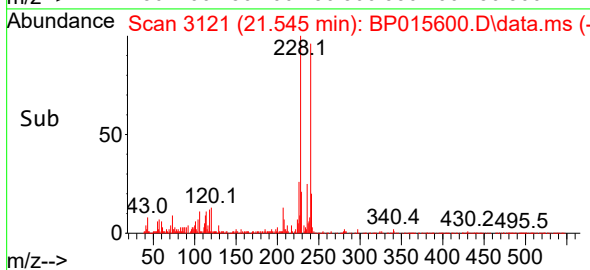
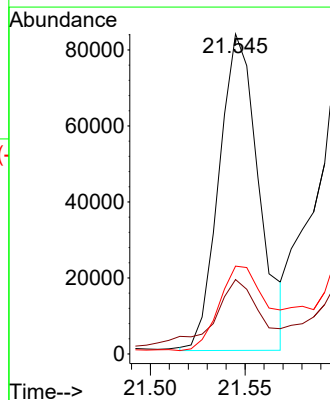
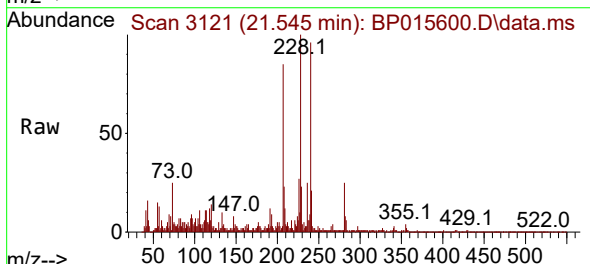
Delta R.T. -0.006 min

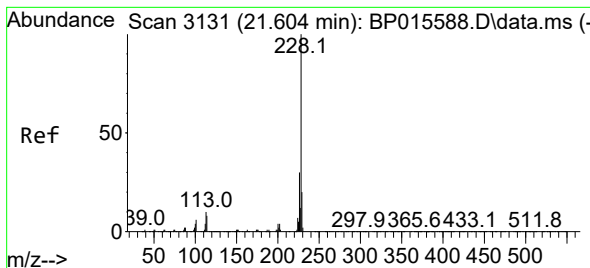
Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Tgt Ion:228 Resp: 121748

Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.8	23.6
226	27.4	21.8	32.6





#87

Chrysene

Concen: 2.371 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Instrument :

BNA_P

ClientSampleId :

DCFJ8

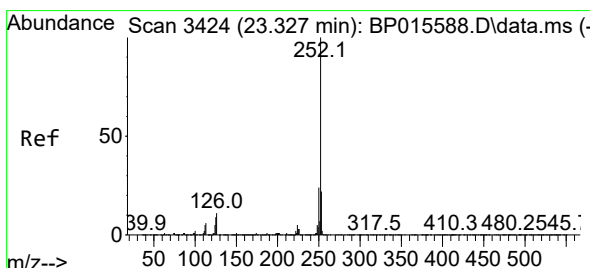
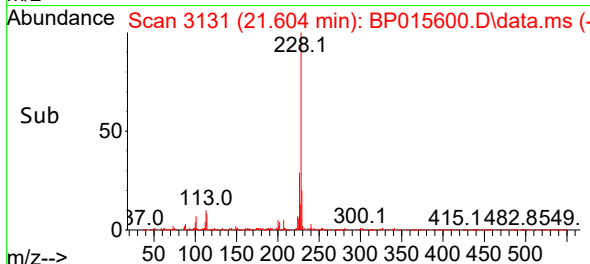
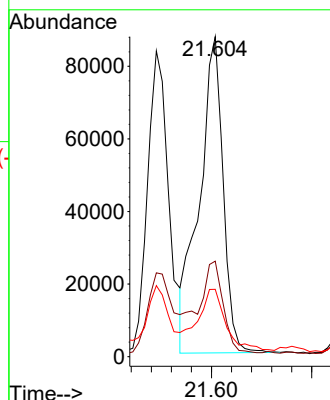
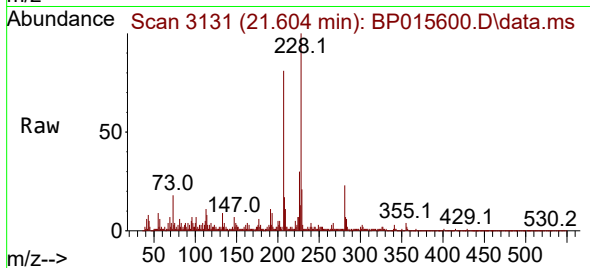
Tgt Ion:	228	Resp:	144309
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.9	35.9
229	21.1	15.1	22.7

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Supervised By :mohammad ahmed 06/20/2023



#90

Benzo(b)fluoranthene

Concen: 3.446 ng/ul

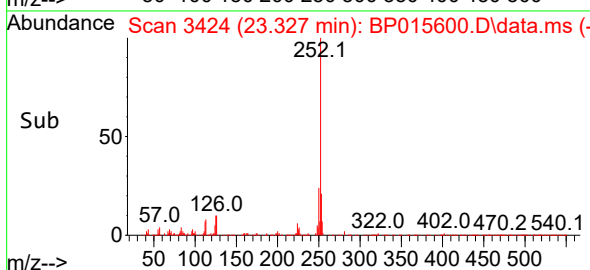
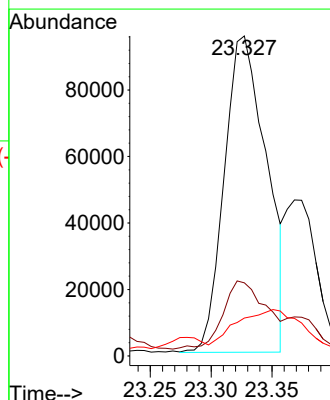
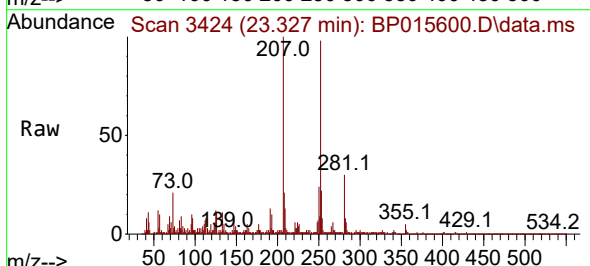
RT: 23.327 min Scan# 3424

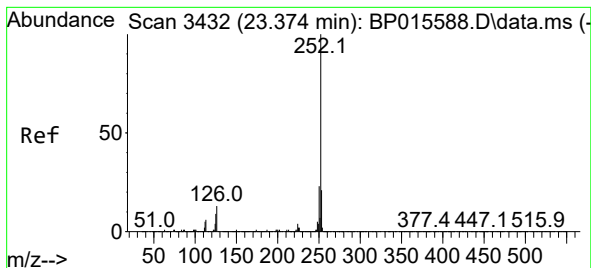
Delta R.T. -0.000 min

Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Tgt Ion:	252	Resp:	229835
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.2
125	11.9	7.3	10.9





#91

Benzo(k)fluoranthene

Concen: 1.238 ng/ul

RT: 23.368 min Scan# 3432

Delta R.T. -0.012 min

Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Instrument :

BNA_P

ClientSampleId :

DCFJ8

Tgt Ion:252 Resp: 7980

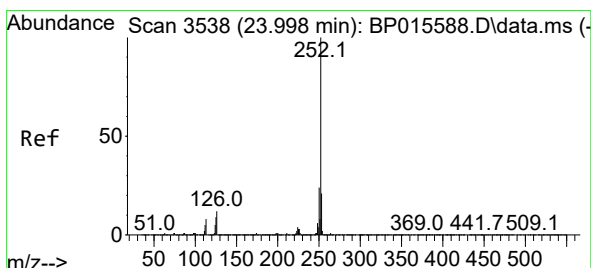
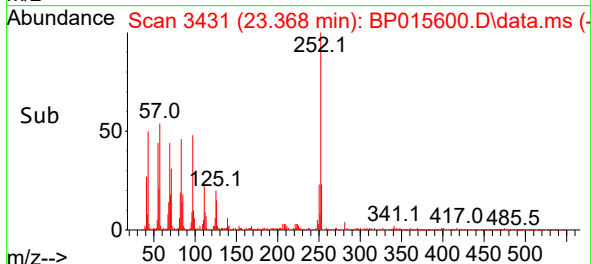
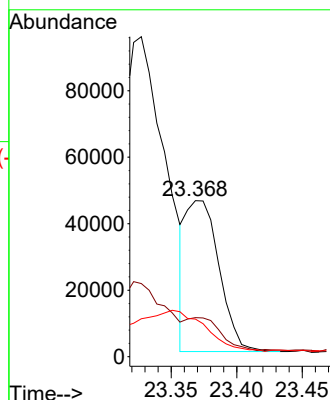
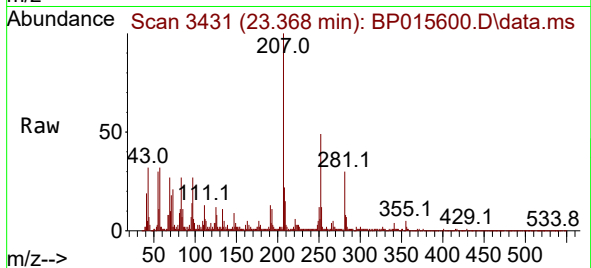
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.7	26.5
125	24.1	7.3	10.9

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Supervised By :mohammad ahmed 06/20/2023



#93

Benzo(a)pyrene

Concen: 2.350 ng/ul

RT: 23.998 min Scan# 3538

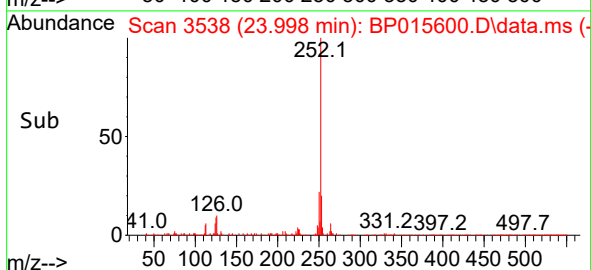
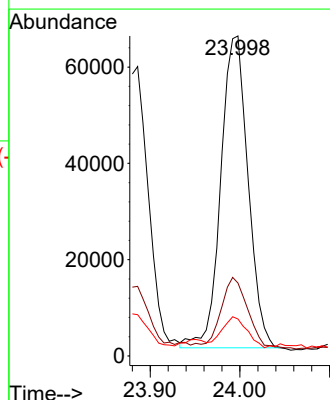
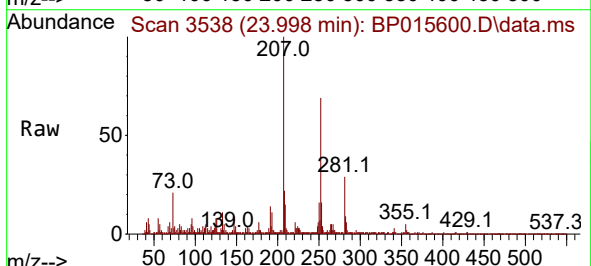
Delta R.T. -0.006 min

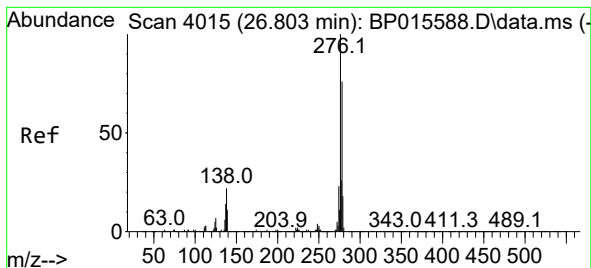
Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Tgt Ion:252 Resp: 136670

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.5	8.1	12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.441 ng/ul

RT: 26.798 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Instrument :

BNA_P

ClientSampleId :

DCFJ8

Tgt Ion:276 Resp: 108462

Ion Ratio Lower Upper

276 100

138 16.6 17.3 25.9

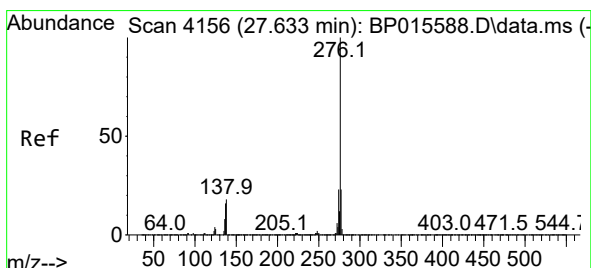
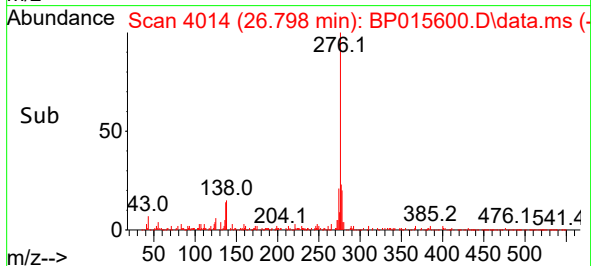
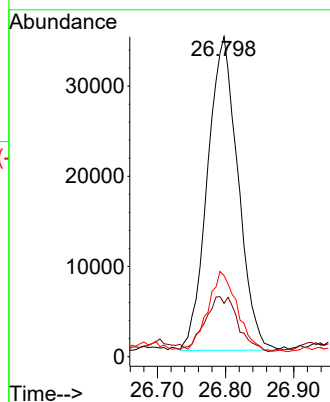
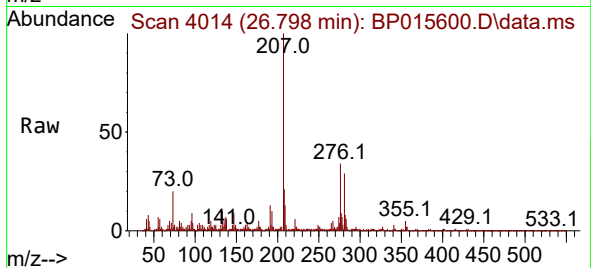
277 25.4 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#96

Benzo(g,h,i)perylene

Concen: 1.666 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. -0.006 min

Lab File: BP015600.D

Acq: 17 Jun 2023 02:30

Tgt Ion:276 Resp: 103294

Ion Ratio Lower Upper

276 100

138 21.9 15.6 23.4

277 26.1 19.0 28.6

