

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015645.D
 Acq On : 22 Jun 2023 13:58
 Operator : MA/JU
 Sample : 03083-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 22 22:37:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	133725	20.000	ng/u1	0.00
20) Naphthalene-d8	10.905	136	589950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	365503	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	705289	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	480801	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	593309	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	9424	2.610	ng/uL	0.00
4) Pyridine-d5	3.852	84	52704	5.619	ng/u1	0.01
7) Phenol-d5	7.240	99	192893	15.657	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	122177	16.606	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	158102	17.701	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	161575	15.980	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	82317	17.773	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	89928	17.002	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	161115	16.698	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	120225	8.681	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	573338	19.892	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	626850	19.890	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	49860m	9.660	ng/u1	0.02
60) Fluorene-d10	15.722	176	456595	18.786	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	58467m	13.086	ng/u1	0.00
73) Anthracene-d10	17.587	188	622984	19.414	ng/u1	0.00
81) Pyrene-d10	19.816	212	612533	23.803	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	599674	20.144	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.528	178	85714	2.265	ng/u1	99
80) Fluoranthene	19.492	202	156512	4.993	ng/u1	97
82) Pyrene	19.845	202	120232	3.707	ng/u1	96
85) Benzo(a)anthracene	21.563	228	55864	1.662	ng/u1	94
87) Chrysene	21.616	228	82630	2.601	ng/u1	97
90) Benzo(b)fluoranthene	23.351	252	133645	3.490	ng/u1#	93
91) Benzo(k)fluoranthene	23.392	252	43291m	1.169	ng/u1	
93) Benzo(a)pyrene	24.016	252	72776	2.180	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.833	276	78481	1.816	ng/u1	97
96) Benzo(g,h,i)perylene	27.674	276	79462	2.231	ng/u1	98

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

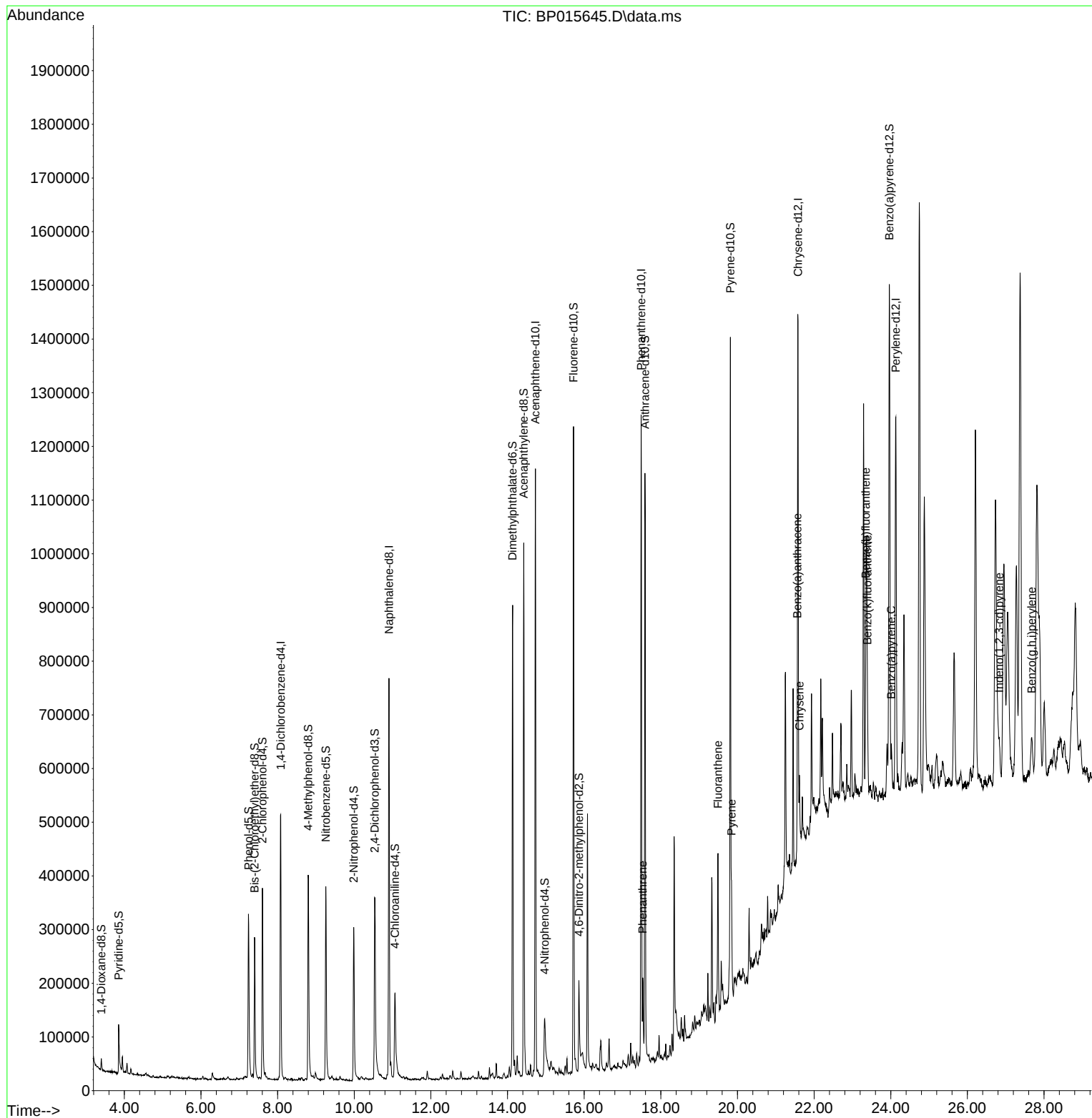
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015645.D
Acq On : 22 Jun 2023 13:58
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Sample : 03083-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

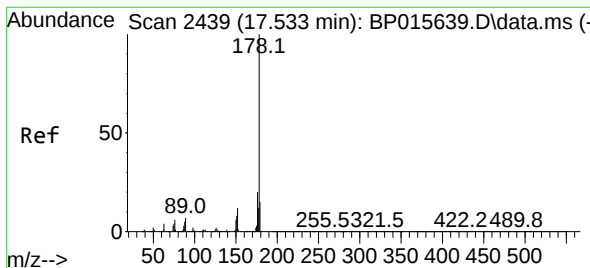
Instrument :
BNA_P
ClientSampleId :
DCFK5

Quant Time: Jun 22 22:37:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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#72

Phenanthrene

Concen: 2.265 ng/ul

RT: 17.528 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFK5

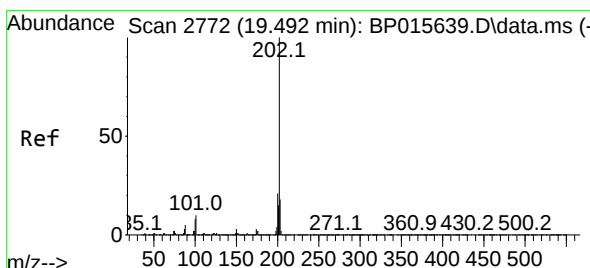
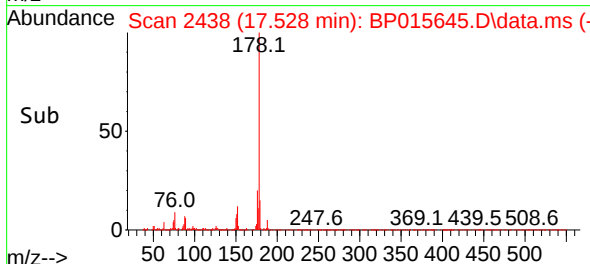
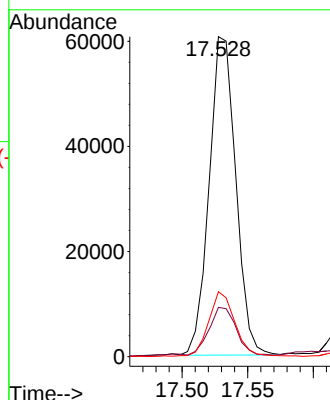
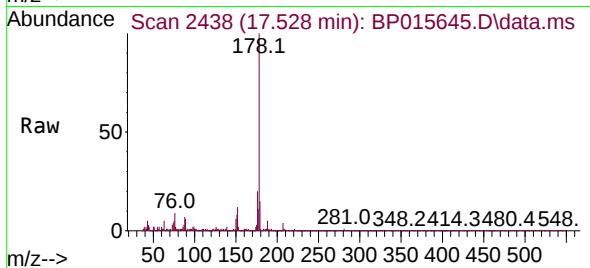
Tgt Ion:178	Resp:	85714
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.3 18.5
176	20.3	15.4 23.0

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#80

Fluoranthene

Concen: 4.993 ng/ul

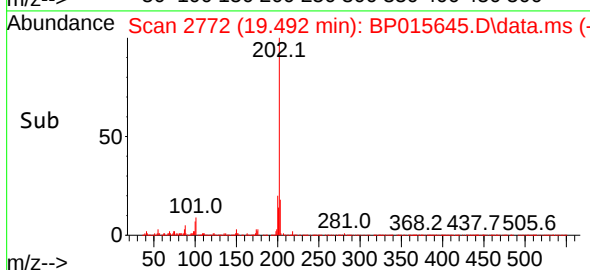
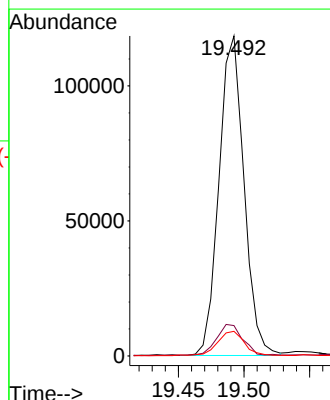
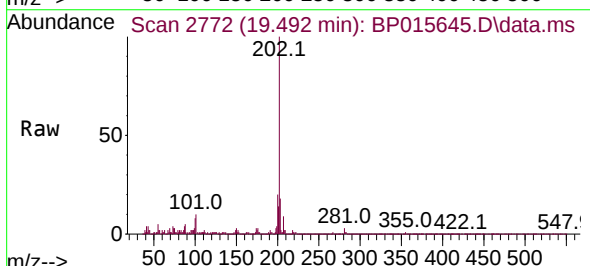
RT: 19.492 min Scan# 2772

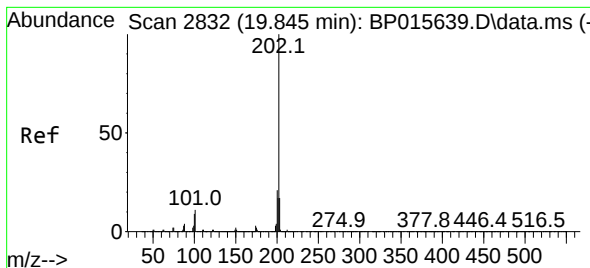
Delta R.T. 0.000 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Tgt Ion:202	Resp:	156512
Ion Ratio	Lower	Upper
202	100	
101	9.5	8.6 13.0
100	7.7	6.6 9.8





#82

Pyrene

Concen: 3.707 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFK5

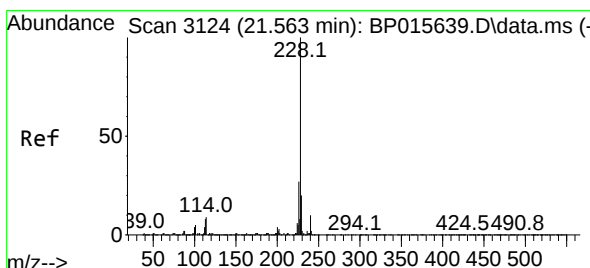
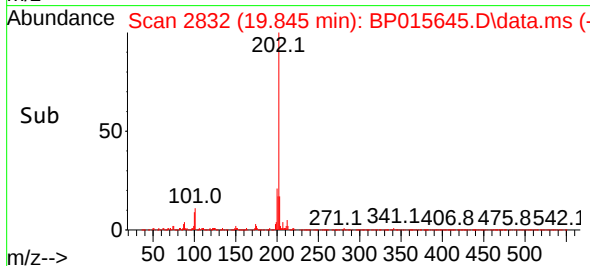
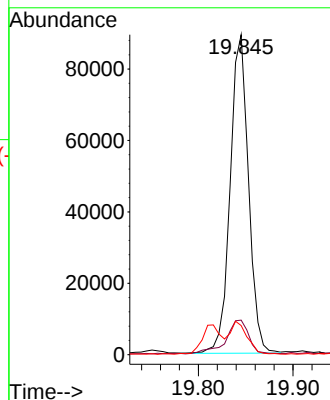
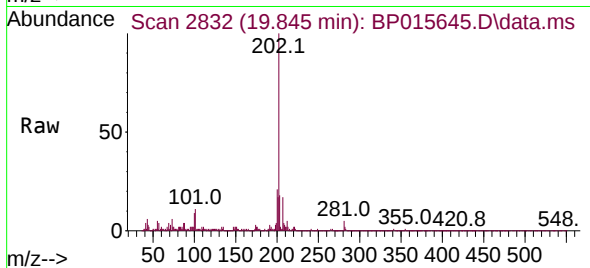
Tgt Ion:	202	Resp:	12023
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.9	14.9
100	9.1	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 1.662 ng/ul

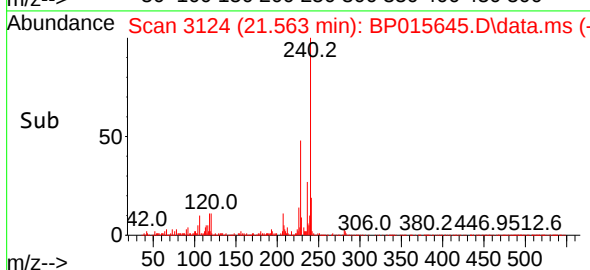
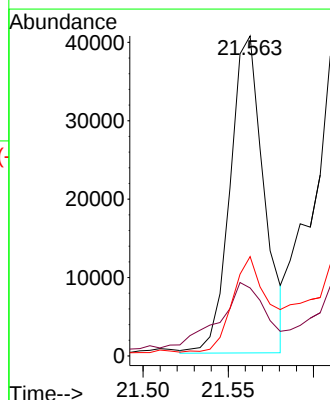
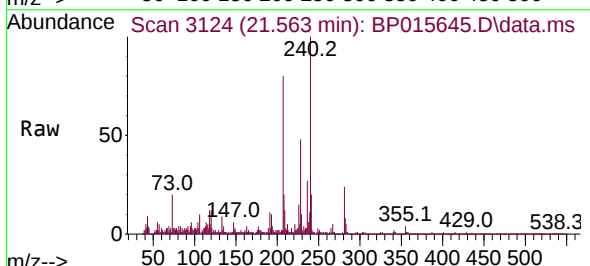
RT: 21.563 min Scan# 3124

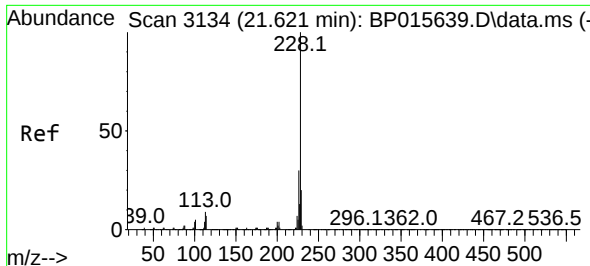
Delta R.T. 0.000 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Tgt Ion:	228	Resp:	55864
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.8	23.6
226	31.1	21.8	32.6





#87

Chrysene

Concen: 2.601 ng/u1

RT: 21.616 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFK5

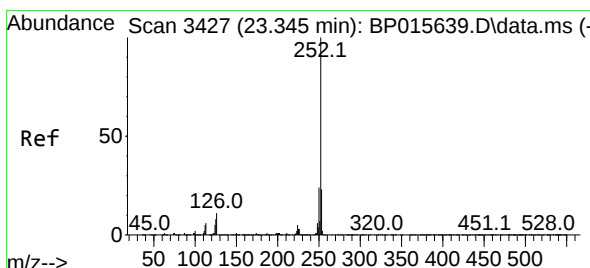
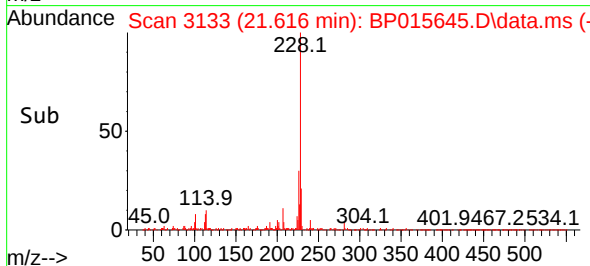
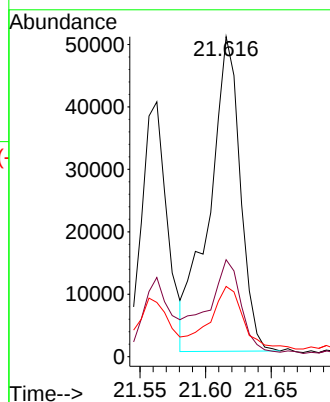
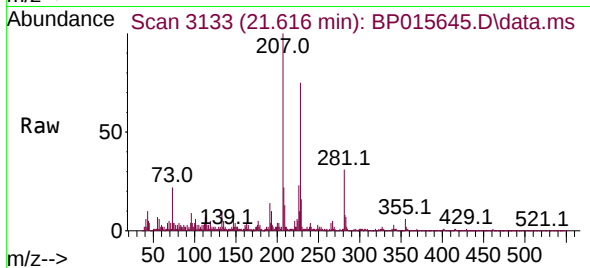
Tgt Ion:228	Resp:	82630
Ion Ratio	Lower	Upper
228	100	
226	30.3	23.9 35.9
229	21.9	15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#90

Benzo(b)fluoranthene

Concen: 3.490 ng/u1

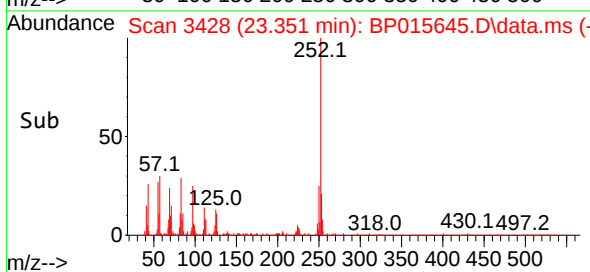
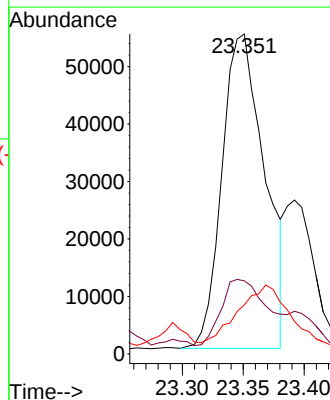
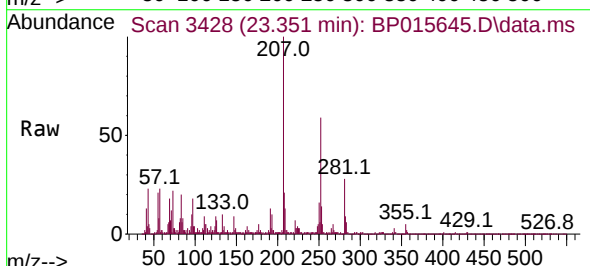
RT: 23.351 min Scan# 3428

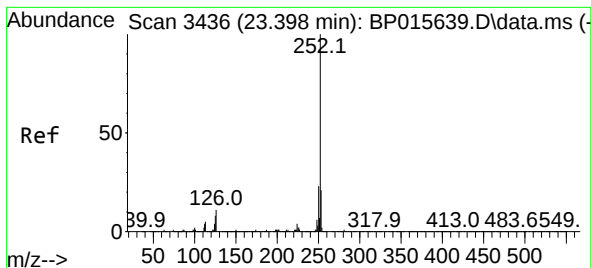
Delta R.T. 0.006 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Tgt Ion:252	Resp:	133645
Ion Ratio	Lower	Upper
252	100	
253	22.9	17.4 26.2
125	15.3	7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 1.169 ng/ul m

RT: 23.392 min Scan# 3436

Delta R.T. -0.006 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFK5

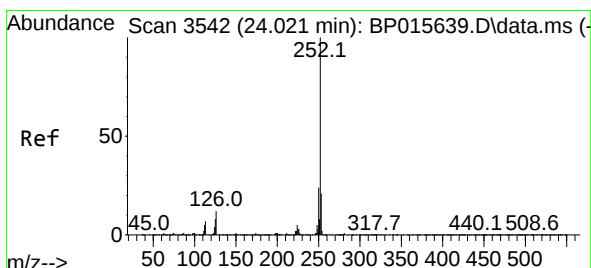
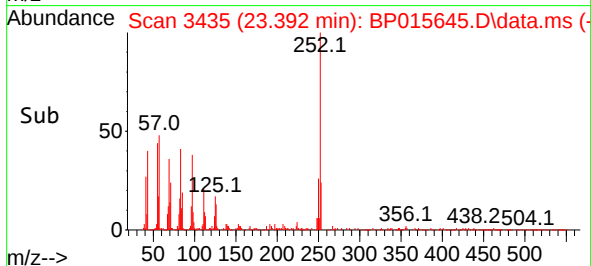
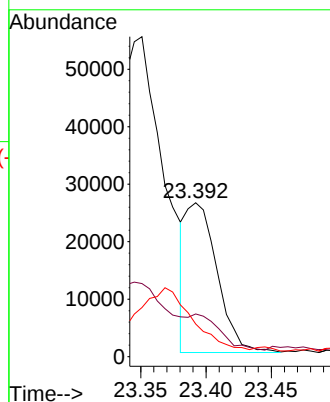
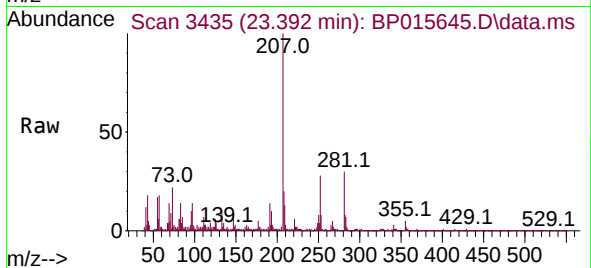
Tgt Ion:	252	Resp:	4329
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.7	26.5
125	21.2	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#93

Benzo(a)pyrene

Concen: 2.180 ng/ul

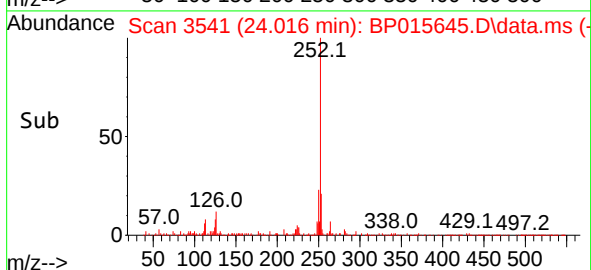
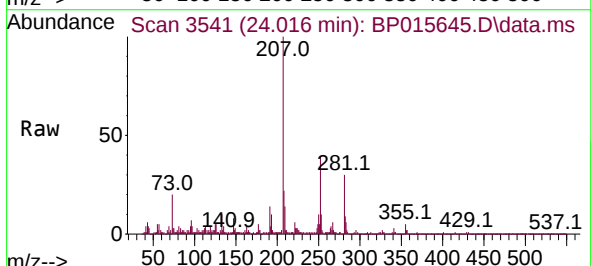
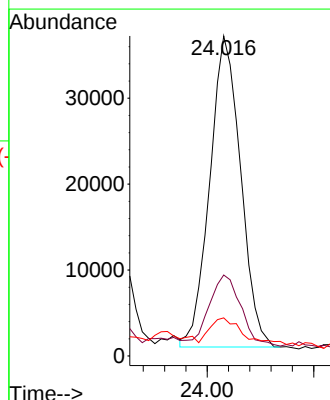
RT: 24.016 min Scan# 3541

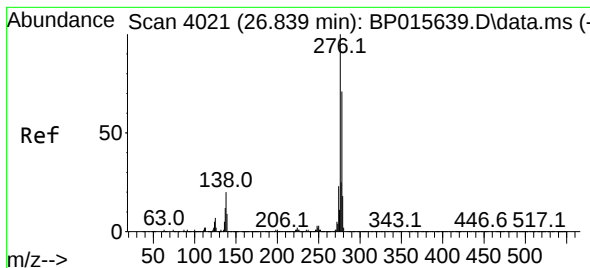
Delta R.T. -0.006 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Tgt Ion:	252	Resp:	72776
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.8	26.6
125	11.9	8.1	12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.816 ng/ul

RT: 26.833 min Scan# 4021

Delta R.T. -0.006 min

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Acq: 22 Jun 2023 13:58

Instrument :

BNA_P

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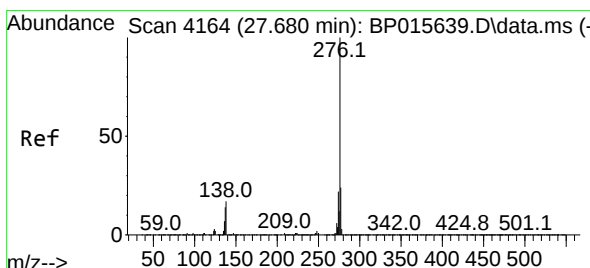
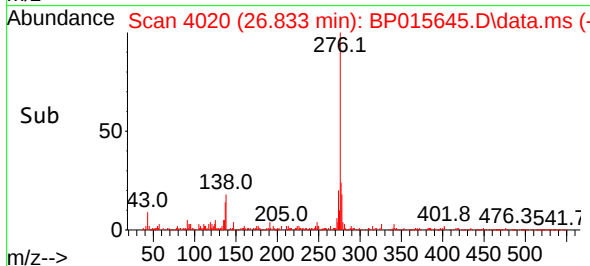
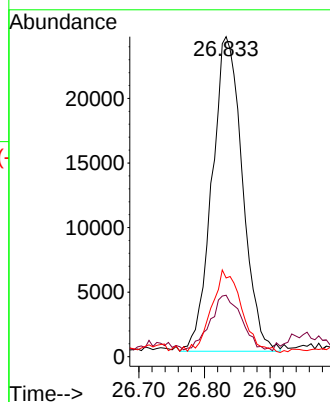
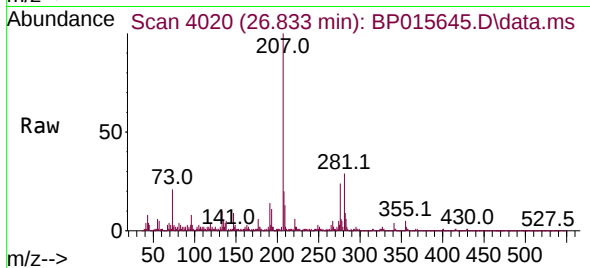
Tgt Ion:	276	Resp:	7848
Ion Ratio	Lower	Upper	
276	100		
138	19.2	17.3	25.9
277	24.6	20.2	30.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 06/23/2023



#96

Benzo(g,h,i)perylene

Concen: 2.231 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.006 min

Lab File: BP015645.D

Acq: 22 Jun 2023 13:58

Tgt Ion:	276	Resp:	79462
Ion Ratio	Lower	Upper	
276	100		
138	20.3	15.6	23.4
277	24.5	19.0	28.6

