

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015646.D
 Acq On : 22 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK6

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 22:42:16 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	136353	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	583027	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	359139	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	685153	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	469134	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	586021	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8708	2.365	ng/uL	0.00
4) Pyridine-d5	3.852	84	59342	6.204	ng/u1	0.01
7) Phenol-d5	7.240	99	180391	14.360	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	111056	14.803	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	149058	16.366	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	134446	13.041	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	74665	16.312	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	83259	15.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	140003	14.682	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	105105	7.679	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	522512	18.450	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	554186	17.896	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	38259m	7.544	ng/u1	0.02
60) Fluorene-d10	15.722	176	413817	17.328	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	53204m	12.258	ng/u1	0.00
73) Anthracene-d10	17.586	188	547566	17.565	ng/u1	0.00
81) Pyrene-d10	19.816	212	570136	22.707	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	563124	19.151	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.534	178	53657	1.459	ng/u1	98
80) Fluoranthene	19.492	202	129369	4.230	ng/u1	98
82) Pyrene	19.845	202	105736	3.342	ng/u1	98
85) Benzo(a)anthracene	21.563	228	55140	1.681	ng/u1	95
87) Chrysene	21.616	228	69334m	2.237	ng/u1	
90) Benzo(b)fluoranthene	23.345	252	110039	2.909	ng/u1#	96
91) Benzo(k)fluoranthene	23.398	252	40313m	1.102	ng/u1	
93) Benzo(a)pyrene	24.021	252	67851	2.057	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.833	276	69600	1.631	ng/u1	98
96) Benzo(g,h,i)perylene	27.674	276	79966	2.273	ng/u1	99

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

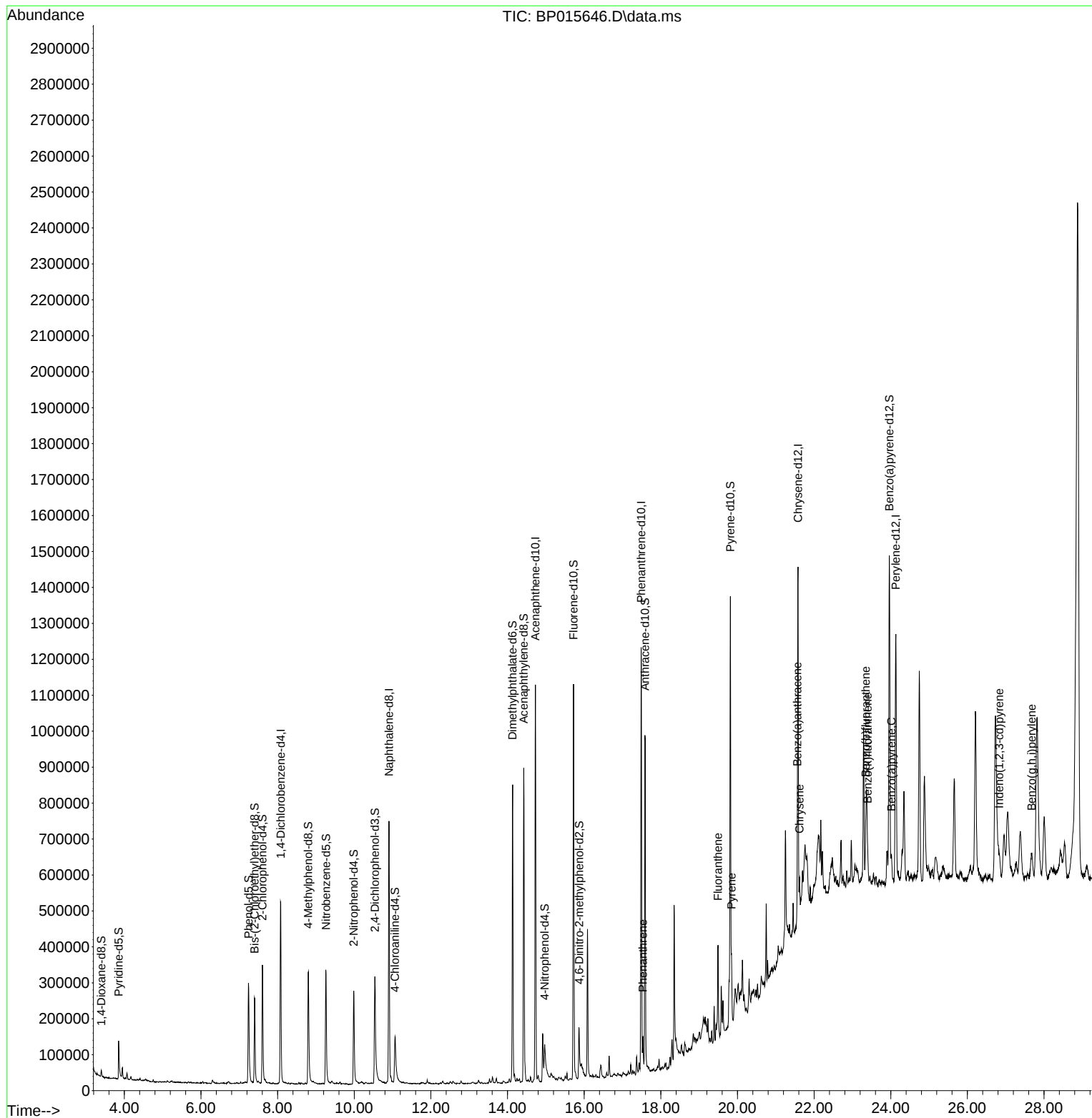
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015646.D
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Operator : MA/JU
Sample : 03083-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

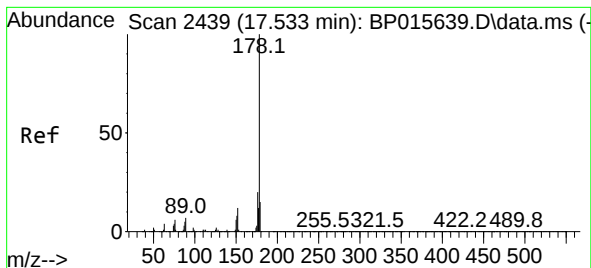
Instrument :
BNA_P
ClientSampleId :
DCFK6

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.459 ng/ul

RT: 17.534 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNP_P

ClientSampleId :

DCFK6

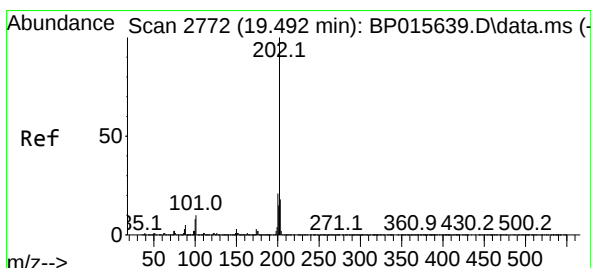
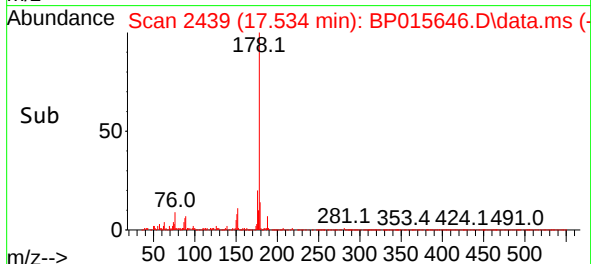
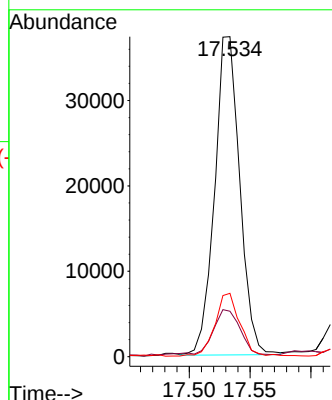
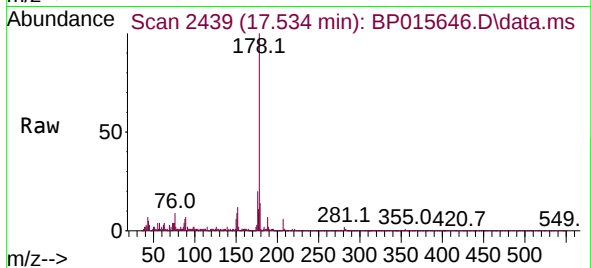
Tgt Ion:	178	Resp:	5365
Ion Ratio	Lower	Upper	
178	100		
179	14.2	12.3	18.5
176	19.8	15.4	23.0

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#80

Fluoranthene

Concen: 4.230 ng/ul

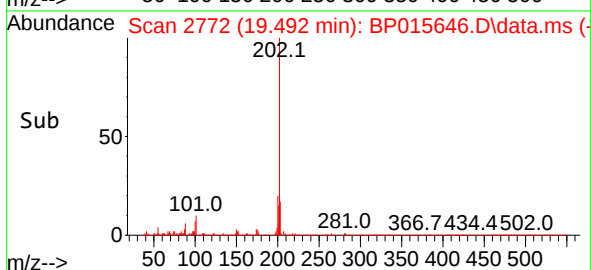
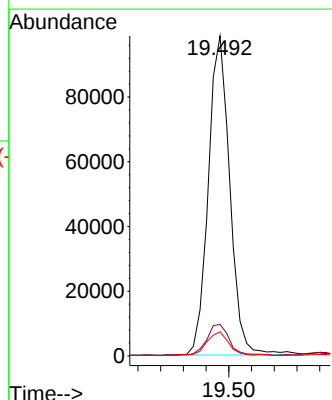
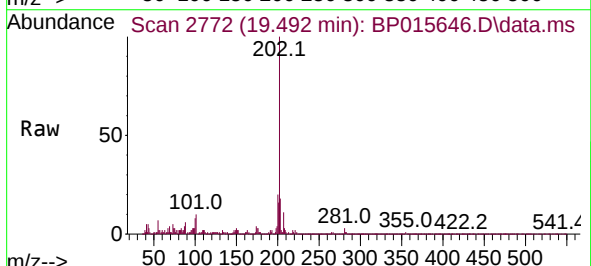
RT: 19.492 min Scan# 2772

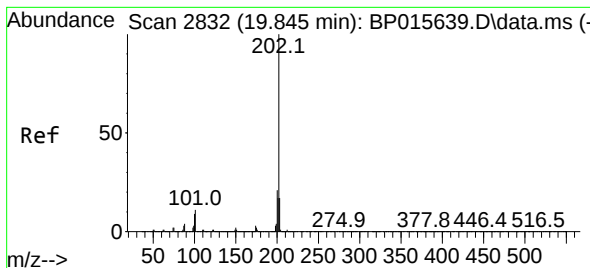
Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Tgt Ion:	202	Resp:	129369
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.6	13.0
100	7.5	6.6	9.8





#82

Pyrene

Concen: 3.342 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

DCFK6

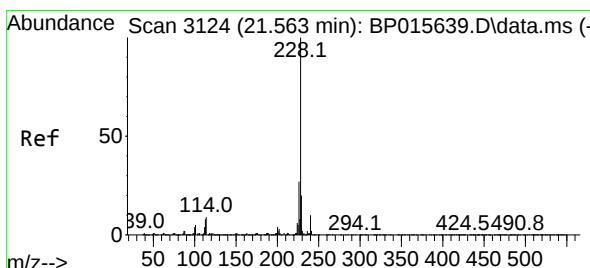
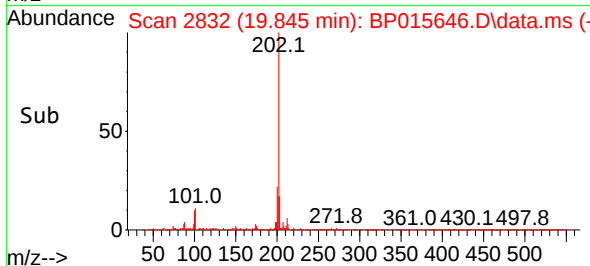
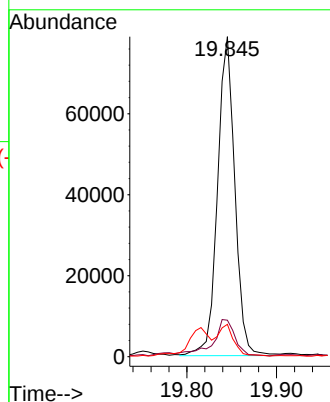
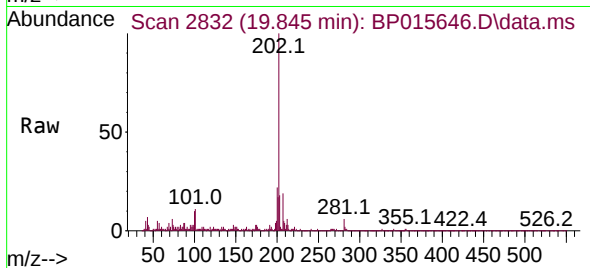
Tgt Ion:	202	Resp:	105730
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.9	14.9
100	10.1	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 1.681 ng/ul

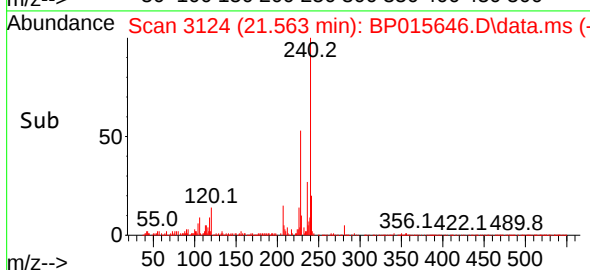
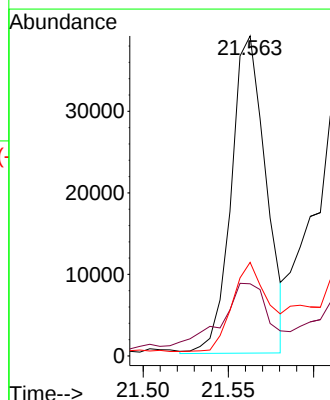
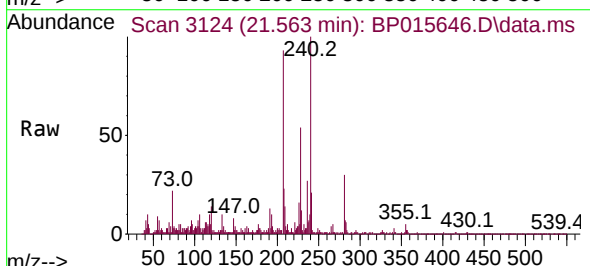
RT: 21.563 min Scan# 3124

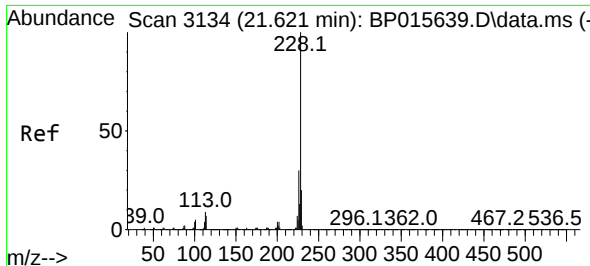
Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Tgt Ion:	228	Resp:	55140
Ion Ratio	Lower	Upper	
228	100		
229	22.6	15.8	23.6
226	29.2	21.8	32.6





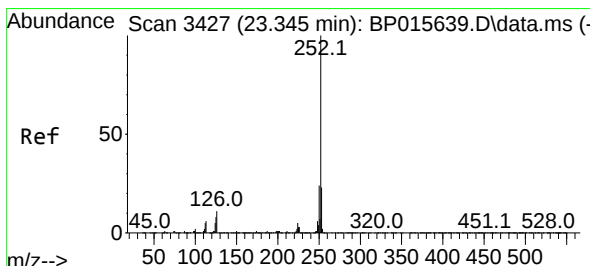
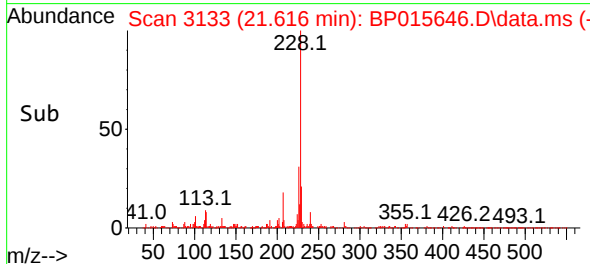
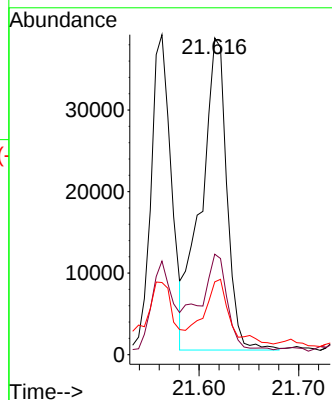
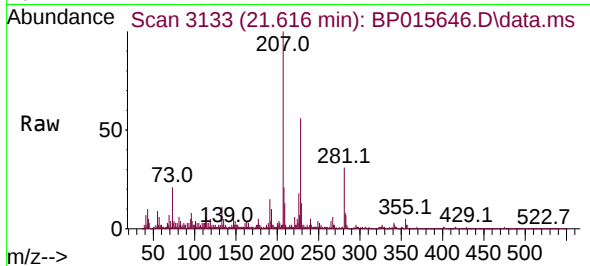
#87
Chrysene
Concen: 2.237 ng/ul m
RT: 21.616 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BP015646.D
Acq: 22 Jun 2023 14:32

Instrument :
BNA_P
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DCFK6

Tgt Ion:228 Resp: 69334
Ion Ratio Lower Upper
228 100
226 31.7 23.9 35.9
229 23.0 15.1 22.7

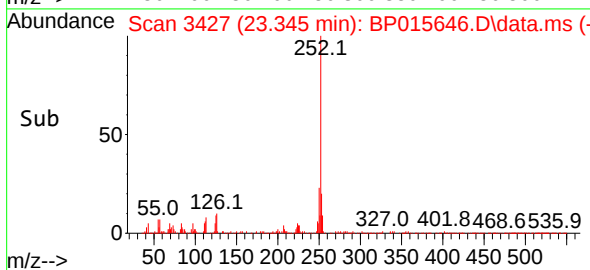
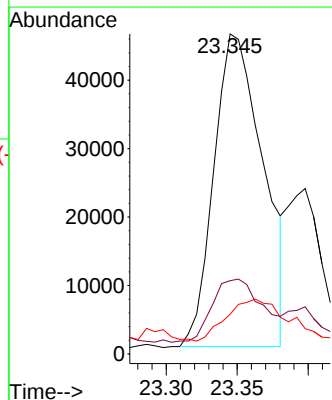
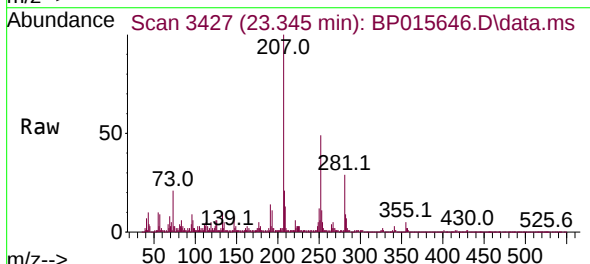
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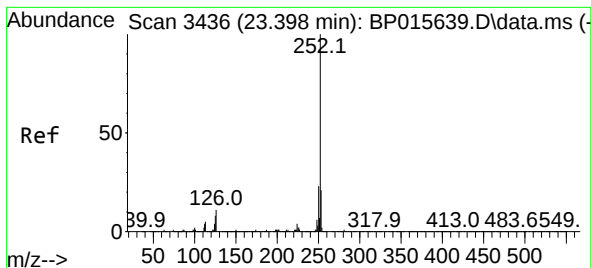
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#90
Benzo(b)fluoranthene
Concen: 2.909 ng/ul
RT: 23.345 min Scan# 3427
Delta R.T. 0.000 min
Lab File: BP015646.D
Acq: 22 Jun 2023 14:32

Tgt Ion:252 Resp: 110039
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 12.4 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 1.102 ng/ul m

RT: 23.398 min Scan# 3436

Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

DCFK6

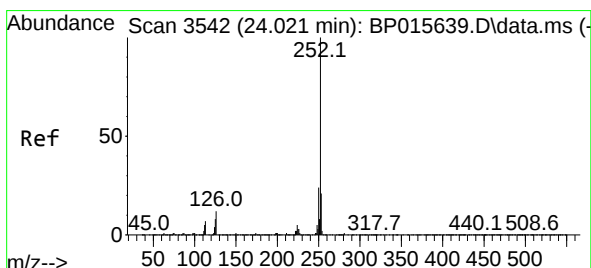
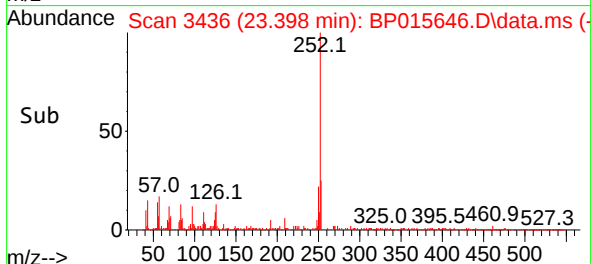
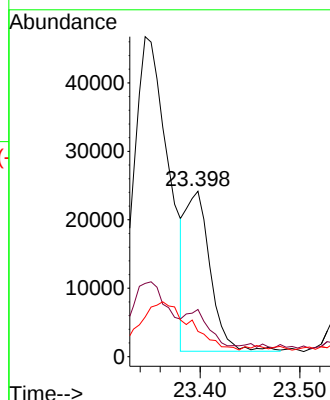
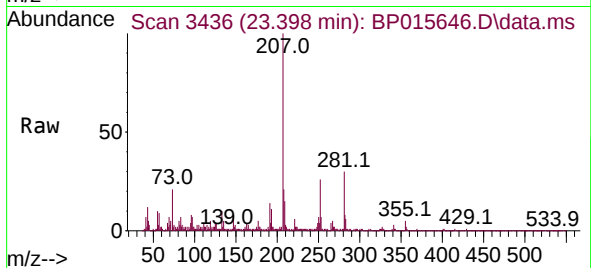
Tgt Ion:	252	Resp:	4031
Ion Ratio	Lower	Upper	
252	100		
253	28.6	17.7	26.5
125	15.3	7.3	10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#93

Benzo(a)pyrene

Concen: 2.057 ng/ul

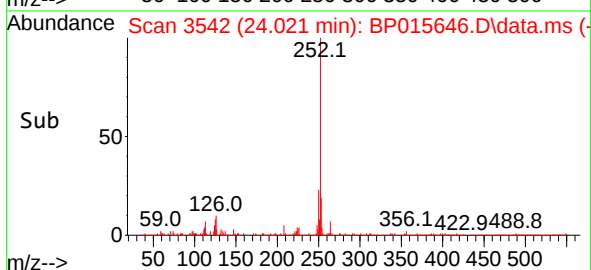
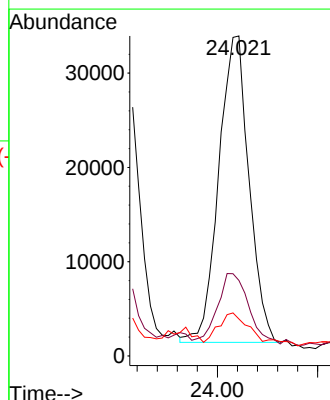
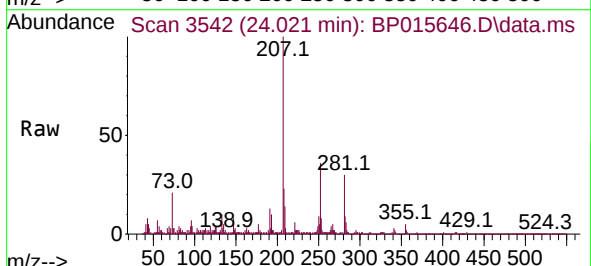
RT: 24.021 min Scan# 3542

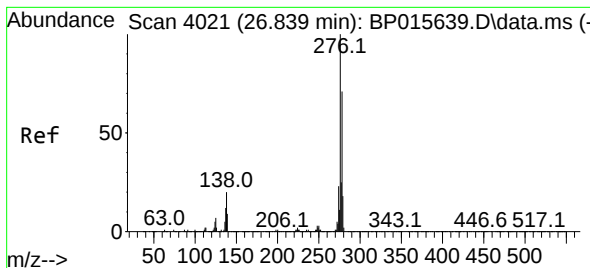
Delta R.T. 0.000 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Tgt Ion:	252	Resp:	67851
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.6
125	11.6	8.1	12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.631 ng/ul

RT: 26.833 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015646.D

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DCFK6

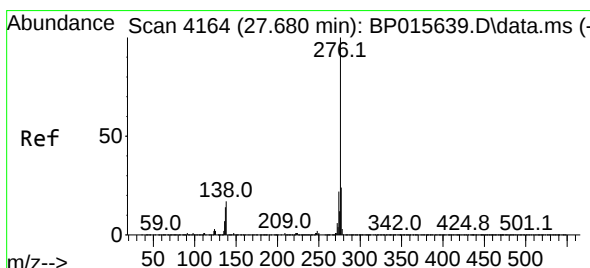
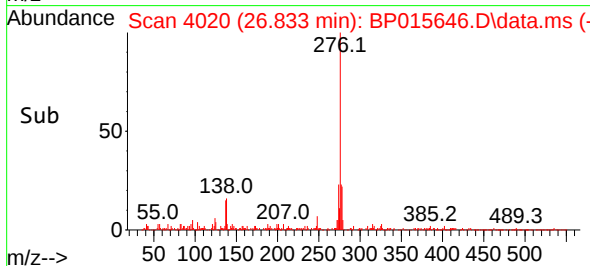
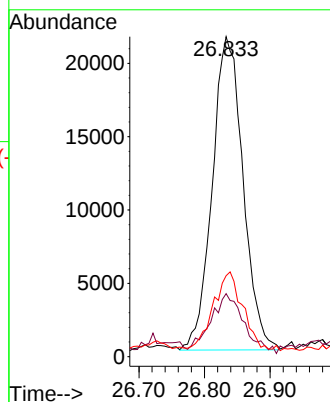
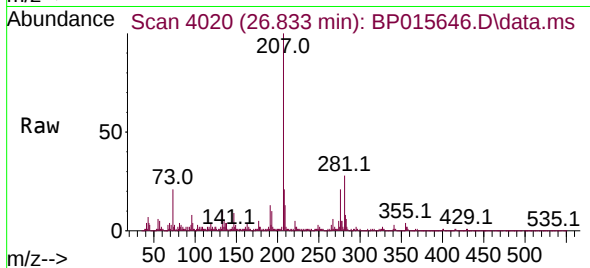
Tgt Ion:	276	Resp:	69600
Ion Ratio	Lower	Upper	
276	100		
138	19.7	17.3	25.9
277	25.3	20.2	30.2

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#96

Benzo(g,h,i)perylene

Concen: 2.273 ng/ul

RT: 27.674 min Scan# 4163

Delta R.T. -0.006 min

Lab File: BP015646.D

Acq: 22 Jun 2023 14:32

Tgt Ion:	276	Resp:	79966
Ion Ratio	Lower	Upper	
276	100		
138	19.1	15.6	23.4
277	24.6	19.0	28.6

