

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015653.D
 Acq On : 22 Jun 2023 18:28
 Operator : MA/JU
 Sample : 03083-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ6

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 23:19:47 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	127861	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	545762	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	328494	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	588325	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	441117	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	551828	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6824	1.976	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.246	99	128080	10.873	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	82311	11.700	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	106653	12.488	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	85506	8.845	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	53571	12.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	60082	12.279	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	99243	11.118	ng/u1	0.01
31) 4-Chloroaniline-d4	11.075	131	69281m	5.407	ng/u1	0.02
46) Dimethylphthalate-d6	14.134	166	352036	13.590	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	386009	13.628	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	24020m	5.178	ng/u1	0.04
60) Fluorene-d10	15.722	176	275727	12.623	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	30339m	8.140	ng/u1	0.00
73) Anthracene-d10	17.592	188	340550	12.722	ng/u1	0.00
81) Pyrene-d10	19.816	212	364548	15.441	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	359112	12.970	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.534	178	32246	1.021	ng/u1#	95
80) Fluoranthene	19.492	202	86888	3.021	ng/u1	99
82) Pyrene	19.845	202	69769	2.345	ng/u1	98
85) Benzo(a)anthracene	21.563	228	46799	1.518	ng/u1	95
87) Chrysene	21.616	228	50632m	1.737	ng/u1	
90) Benzo(b)fluoranthene	23.351	252	89102	2.501	ng/u1#	95
93) Benzo(a)pyrene	24.021	252	43487	1.400	ng/u1#	84
94) Indeno(1,2,3-cd)pyrene	26.839	276	44398	1.105	ng/u1	97

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

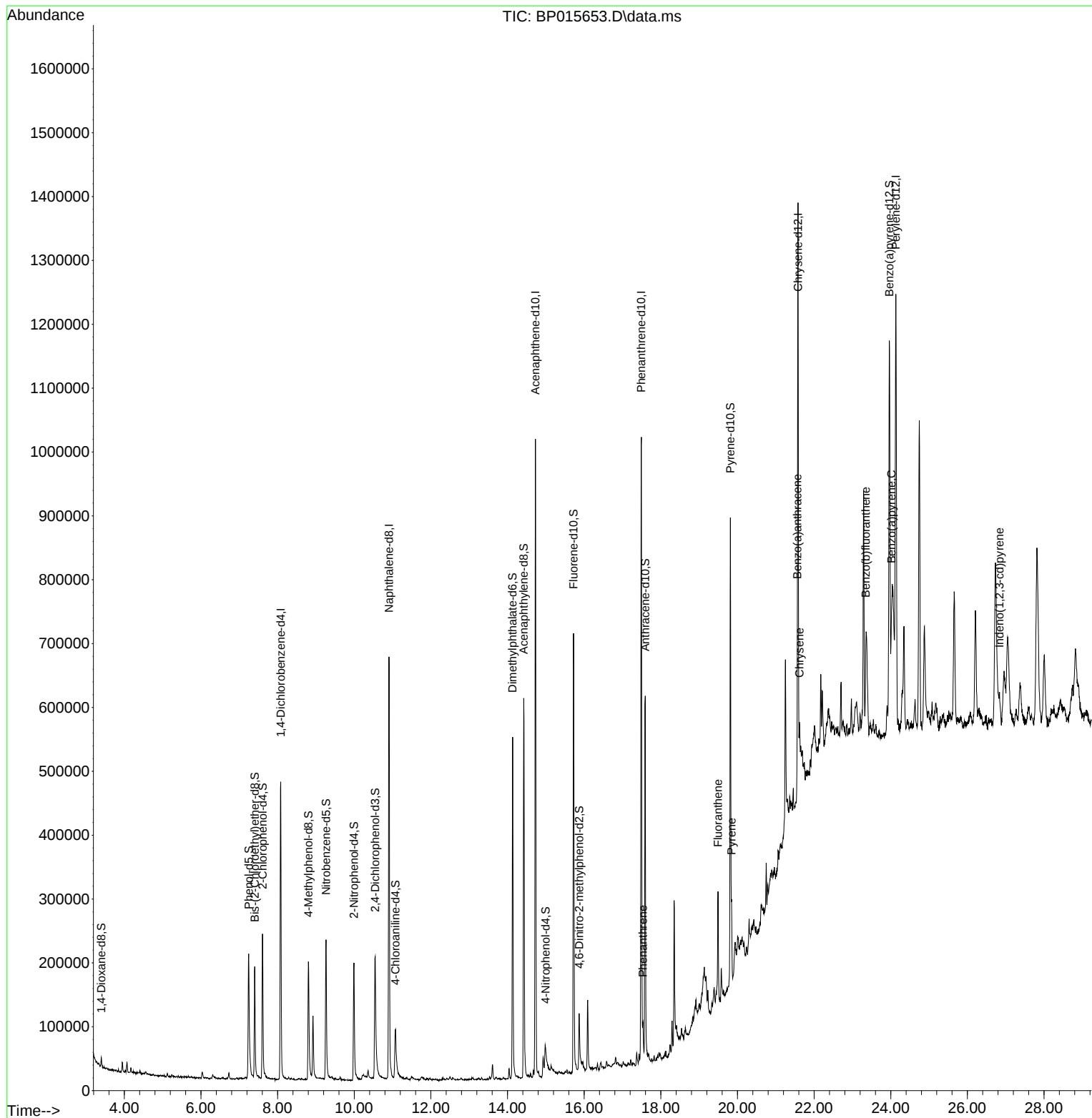
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015653.D
Acq On : 22 Jun 2023 18:28
Operator : MA/JU
Sample : 03083-20
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ALS Vial : 16 Sample Multiplier: 1

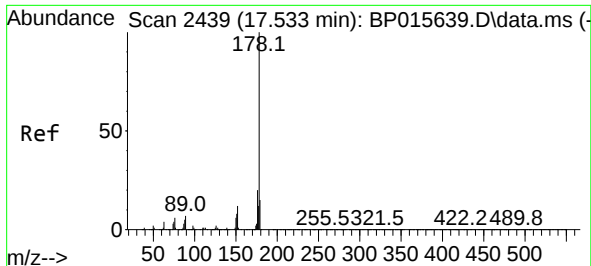
Instrument :
BNA_P
ClientSampleId :
DCFQ6

Quant Time: Jun 22 23:19:47 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
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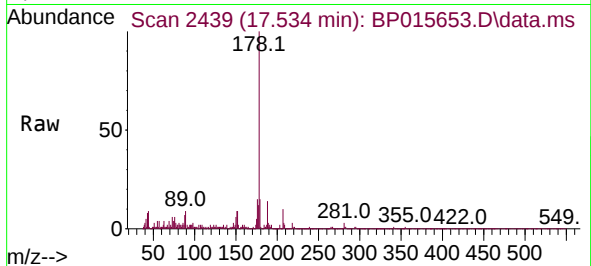
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023





#72
Phenanthrene
Concen: 1.021 ng/ul
RT: 17.534 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015653.D
Acq: 22 Jun 2023 18:28

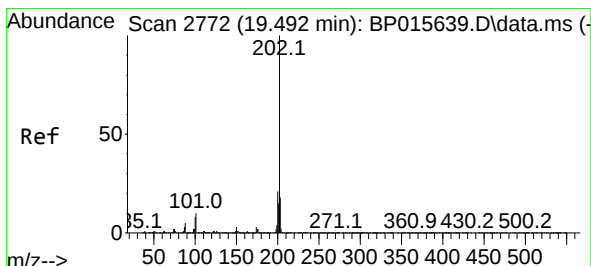
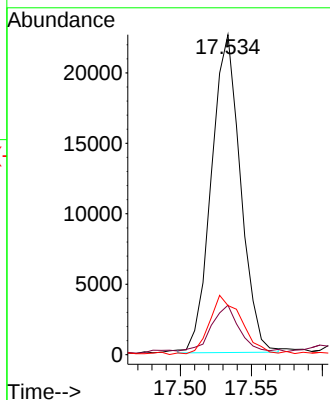
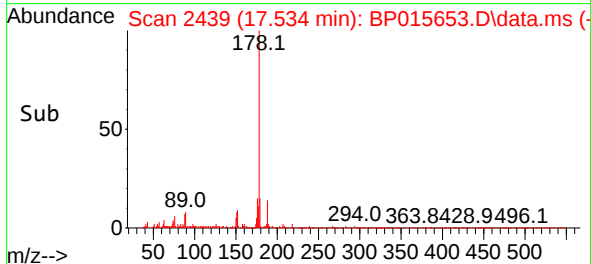
Instrument :
BNA_P
ClientSampleId :
DCFQ6



Tgt Ion:178 Resp: 32240
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 15.3 15.4 23.0

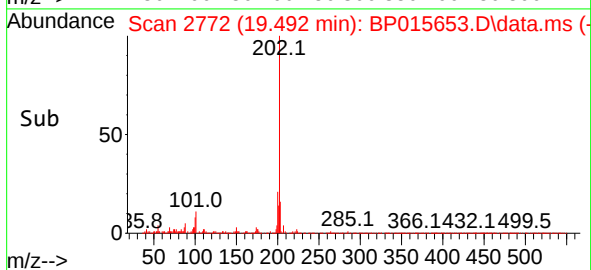
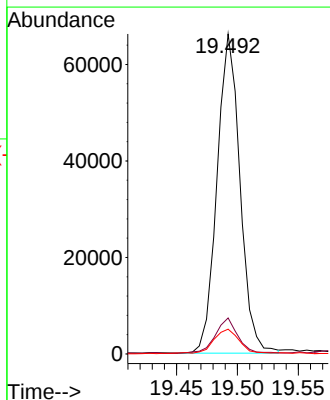
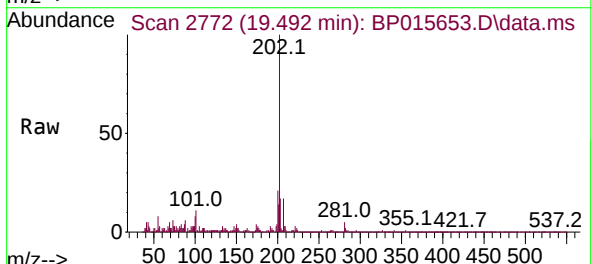
Manual Integrations
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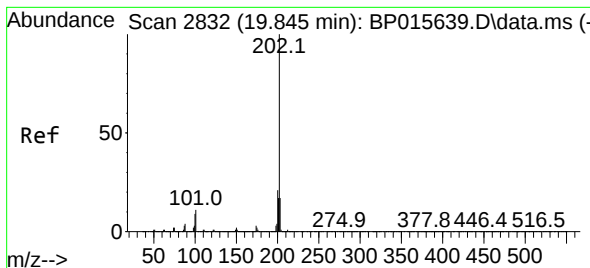
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#80
Fluoranthene
Concen: 3.021 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015653.D
Acq: 22 Jun 2023 18:28

Tgt Ion:202 Resp: 86888
Ion Ratio Lower Upper
202 100
101 11.2 8.6 13.0
100 7.7 6.6 9.8





#82

Pyrene

Concen: 2.345 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015653.D

Acq: 22 Jun 2023 18:28

Instrument :

BNA_P

ClientSampleId :

DCFQ6

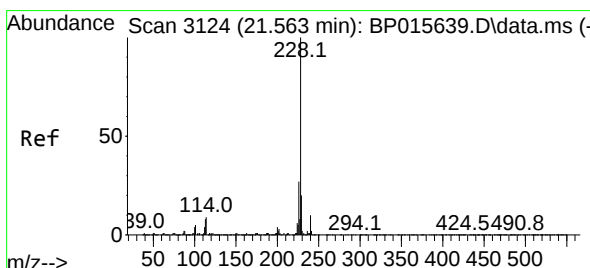
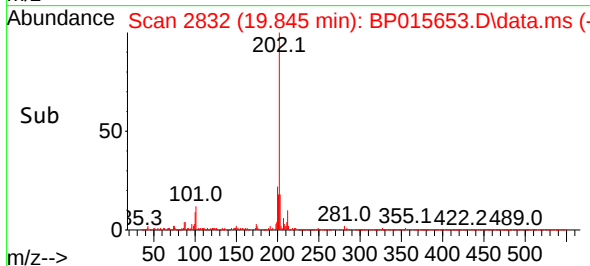
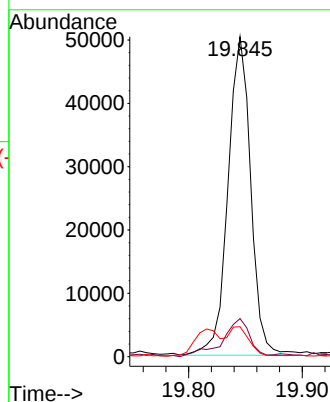
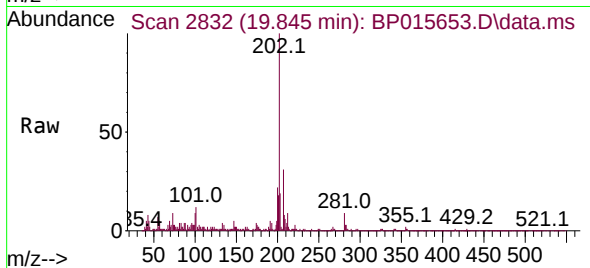
Tgt Ion:	202	Resp:	69769
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.9	14.9
100	9.4	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 1.518 ng/ul

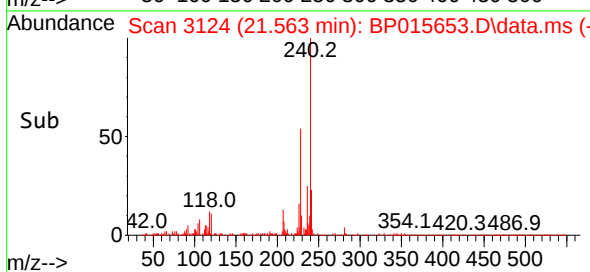
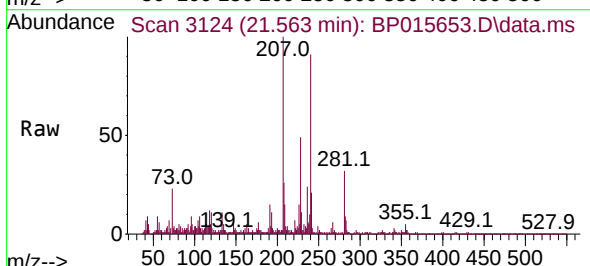
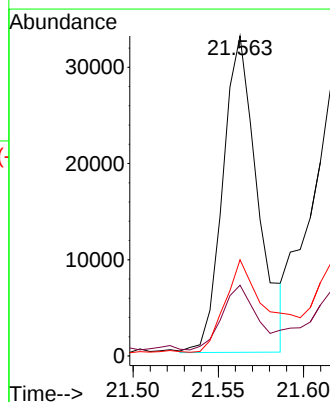
RT: 21.563 min Scan# 3124

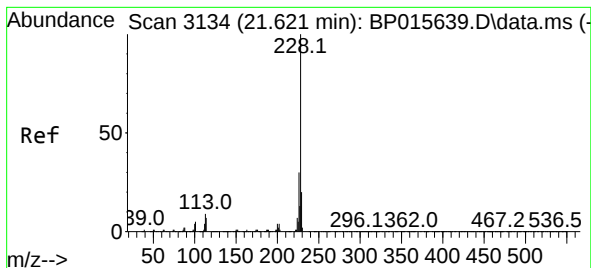
Delta R.T. 0.000 min

Lab File: BP015653.D

Acq: 22 Jun 2023 18:28

Tgt Ion:	228	Resp:	46799
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.8	23.6
226	30.1	21.8	32.6





#87

Chrysene

Concen: 1.737 ng/ul m

RT: 21.616 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP015653.D

Acq: 22 Jun 2023 18:28

Instrument :

BNA_P

ClientSampleId :

DCFQ6

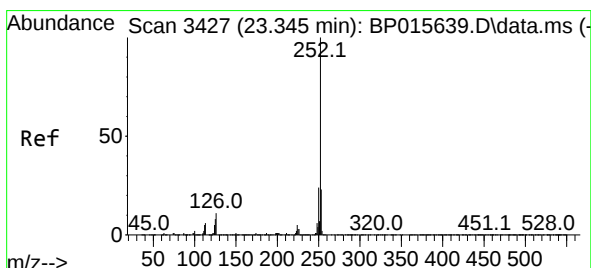
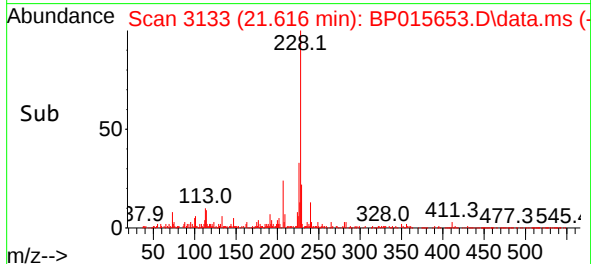
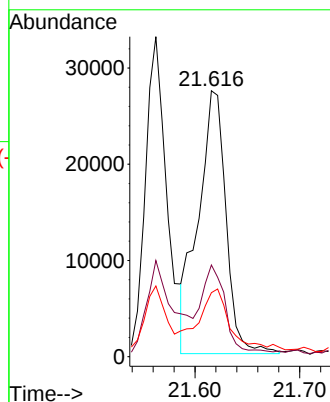
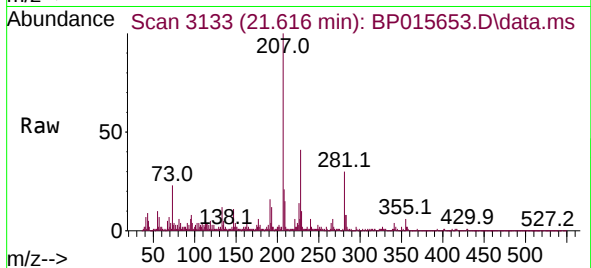
Tgt Ion:	228	Resp:	50632
Ion Ratio	Lower	Upper	
228	100		
226	34.5	23.9	35.9
229	24.1	15.1	22.7

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Supervised By :mohammad ahmed 06/23/2023



#90

Benzo(b)fluoranthene

Concen: 2.501 ng/ul

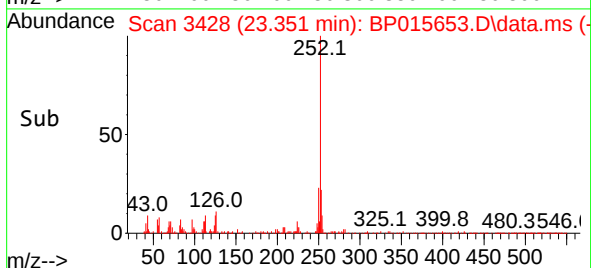
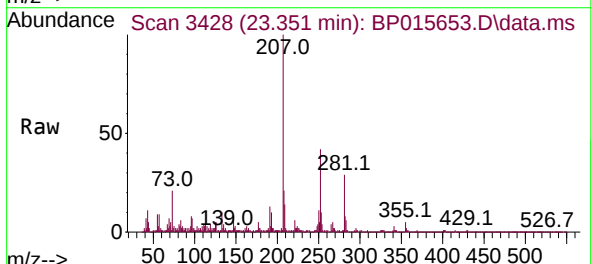
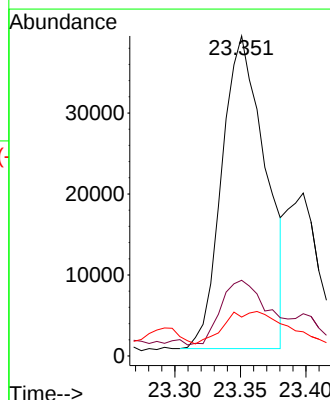
RT: 23.351 min Scan# 3428

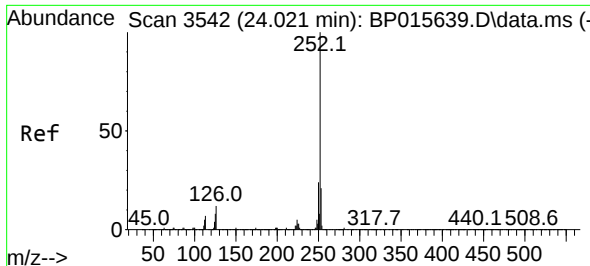
Delta R.T. 0.006 min

Lab File: BP015653.D

Acq: 22 Jun 2023 18:28

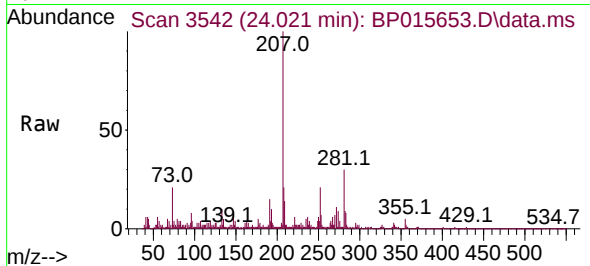
Tgt Ion:	252	Resp:	89102
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	12.1	7.3	10.9





#93
Benzo(a)pyrene
Concen: 1.400 ng/ul
RT: 24.021 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BP015653.D
Acq: 22 Jun 2023 18:28

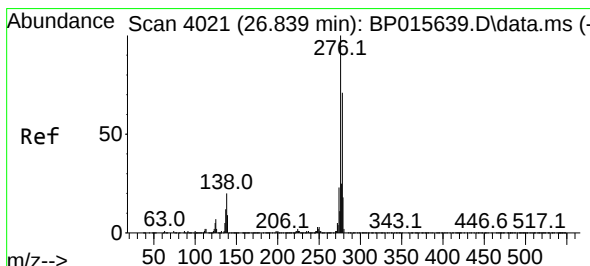
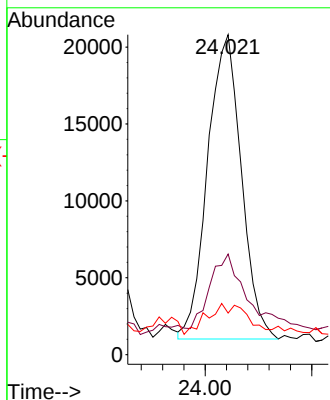
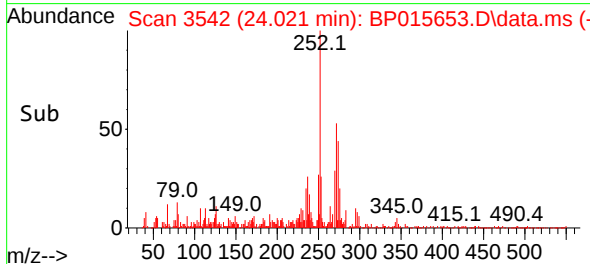
Instrument :
BNA_P
ClientSampleId :
DCFQ6



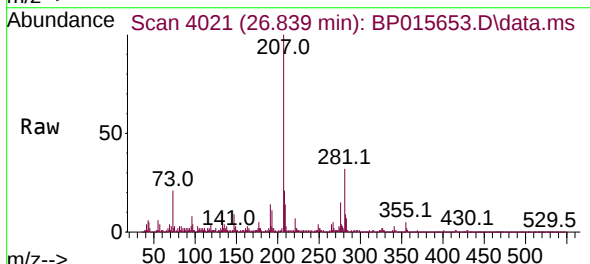
Tgt Ion:252 Resp: 4348
Ion Ratio Lower Upper
252 100
253 31.4 17.8 26.6
125 13.0 8.1 12.1

Manual Integrations
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Supervised By :mohammad ahmed 06/23/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.105 ng/ul
RT: 26.839 min Scan# 4021
Delta R.T. 0.000 min
Lab File: BP015653.D
Acq: 22 Jun 2023 18:28



Tgt Ion:276 Resp: 44398
Ion Ratio Lower Upper
276 100
138 19.5 17.3 25.9
277 24.7 20.2 30.2

