

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015624.D
 Acq On : 20 Jun 2023 16:29
 Operator : MA/JU
 Sample : 03080-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

Quant Time: Jun 20 23:08:33 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	76313	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	332638	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	228905	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.487	188	555773	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	616904	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	686839	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	3961m	1.922	ng/uL	0.00
4) Pyridine-d5	3.858	84	34503	6.445	ng/u1	0.01
7) Phenol-d5	7.246	99	77550	11.031	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	50661	12.066	ng/u1	0.00
11) 2-Chlorophenol-d4	7.617	132	63367	12.432	ng/u1	0.00
15) 4-Methylphenol-d8	8.811	113	50783	8.801	ng/u1	0.01
21) Nitrobenzene-d5	9.263	128	32076	12.282	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	36283	12.166	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	59273	10.895	ng/u1	0.01
31) 4-Chloroaniline-d4	11.069	131	56970	7.295	ng/u1	0.01
46) Dimethylphthalate-d6	14.134	166	236142	13.082	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	264996	13.426	ng/u1	0.00
54) 4-Nitrophenol-d4	14.981	143	22932m	7.094	ng/u1	0.05
60) Fluorene-d10	15.722	176	208679	13.709	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	24854	7.059	ng/u1	0.01
73) Anthracene-d10	17.587	188	341395	13.501	ng/u1	0.00
81) Pyrene-d10	19.810	212	488532	14.796	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	496894	14.418	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.528	178	79230	2.656	ng/u1	98
80) Fluoranthene	19.481	202	234262	5.825	ng/u1	99
82) Pyrene	19.839	202	201736	4.848	ng/u1	96
85) Benzo(a)anthracene	21.551	228	128520	2.980	ng/u1	97
87) Chrysene	21.604	228	142955	3.507	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	233116	5.258	ng/u1#	96
91) Benzo(k)fluoranthene	23.375	252	67237m	1.569	ng/u1	
93) Benzo(a)pyrene	24.004	252	133167	3.445	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.815	276	108095	2.161	ng/u1	99
96) Benzo(g,h,i)perylene	27.645	276	95108	2.307	ng/u1	95

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

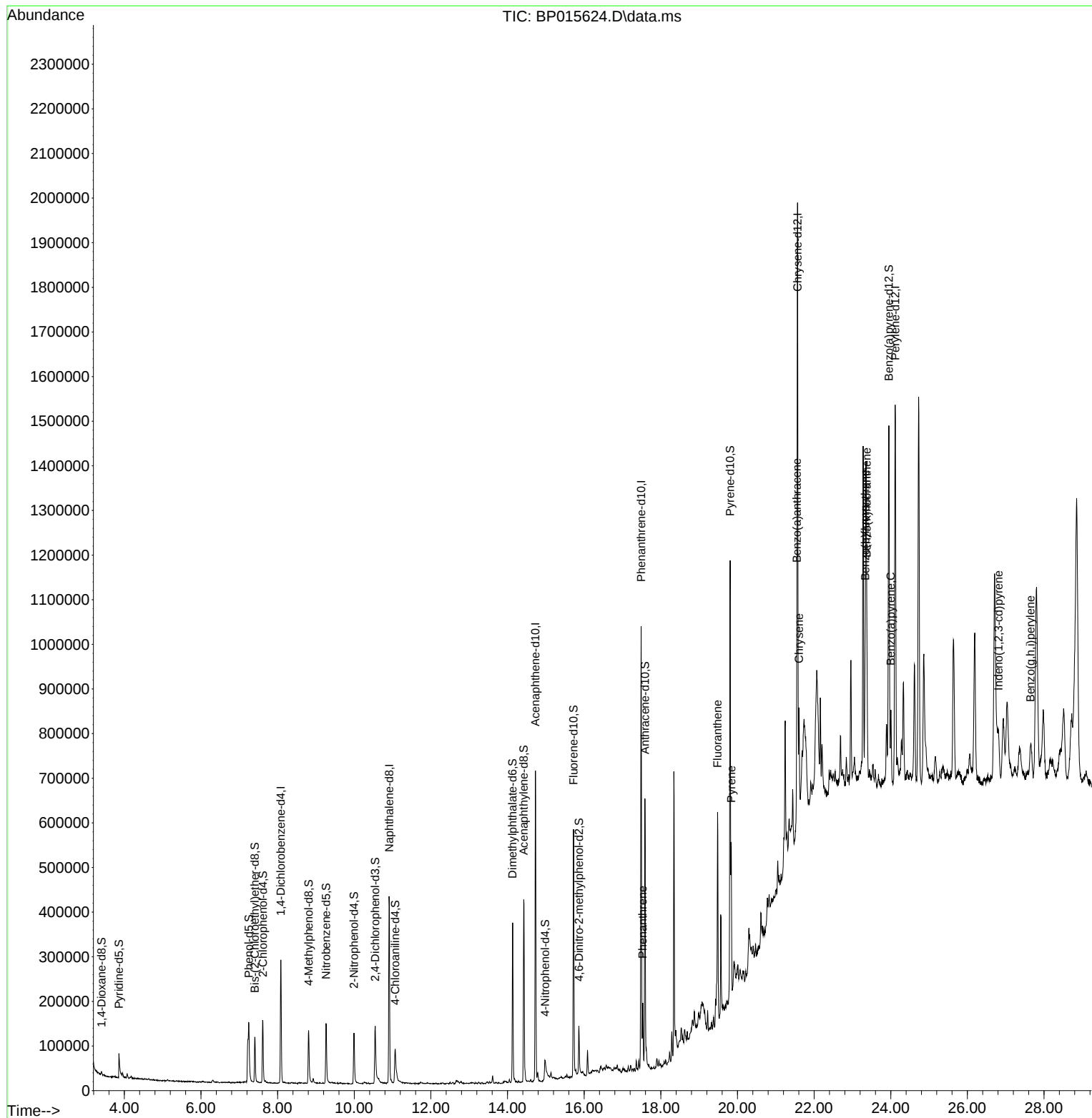
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
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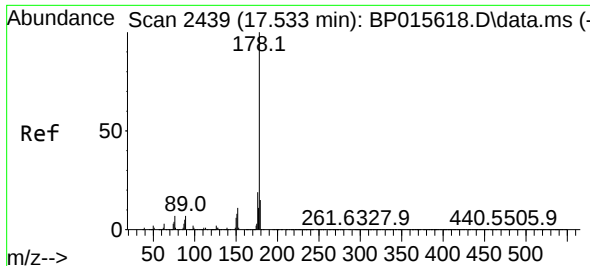
Instrument :
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 DCFH5

Quant Time: Jun 20 23:08:33 2023
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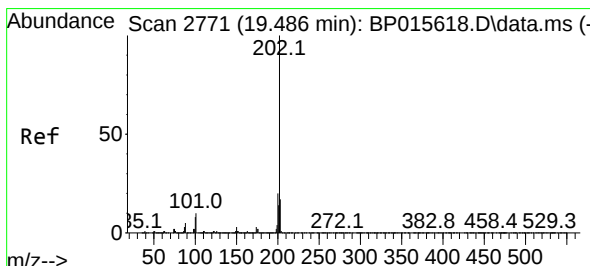
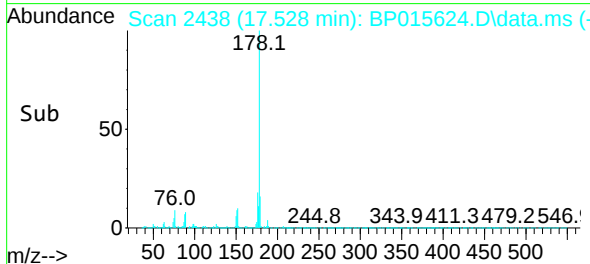
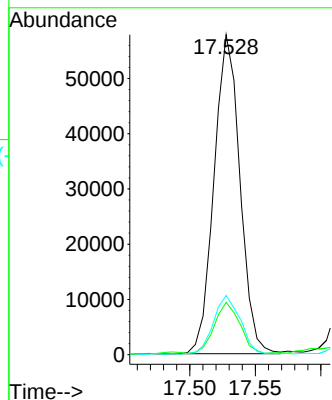
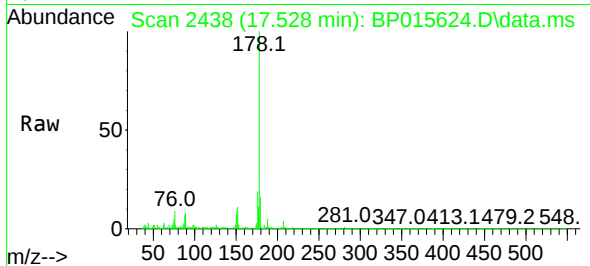
#72
Phenanthrene
Concen: 2.656 ng/u1
RT: 17.528 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015624.D
Acq: 20 Jun 2023 16:29

Instrument :
BNA_P
ClientSampleId :
DCFH5

Tgt Ion:178 Resp: 79230
Ion Ratio Lower Upper
178 100
179 16.3 12.3 18.5
176 18.5 15.4 23.0

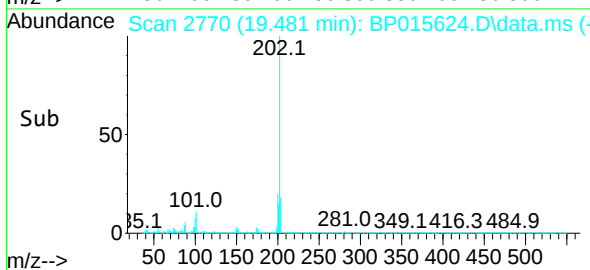
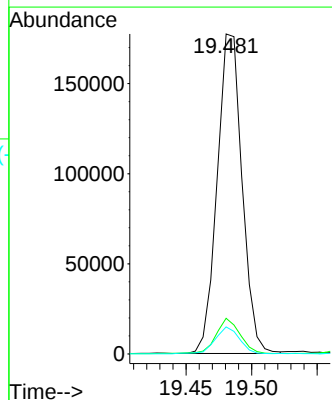
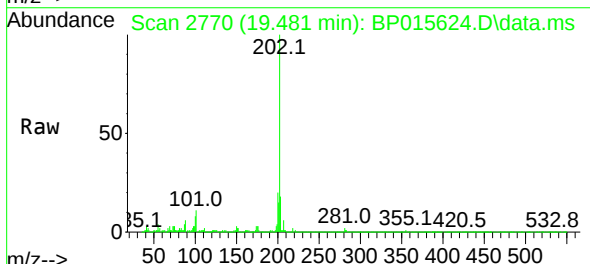
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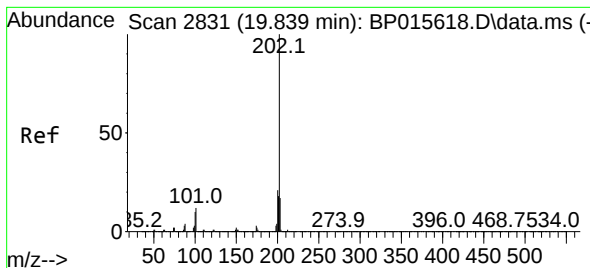
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023



#80
Fluoranthene
Concen: 5.825 ng/u1
RT: 19.481 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BP015624.D
Acq: 20 Jun 2023 16:29

Tgt Ion:202 Resp: 234262
Ion Ratio Lower Upper
202 100
101 11.1 8.6 13.0
100 8.5 6.6 9.8





#82

Pyrene

Concen: 4.848 ng/ul

RT: 19.839 min Scan# 2831

Delta R.T. 0.000 min

Lab File: BP015624.D

Acq: 20 Jun 2023 16:29

Instrument :

BNA_P

ClientSampleId :

DCFH5

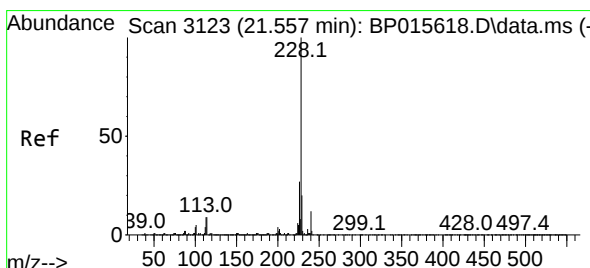
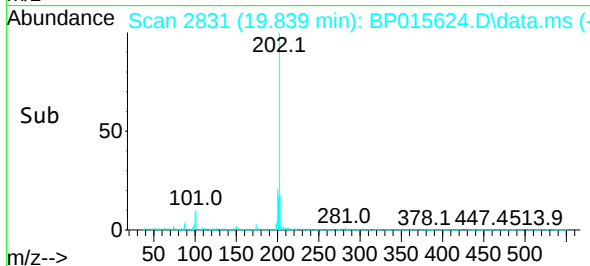
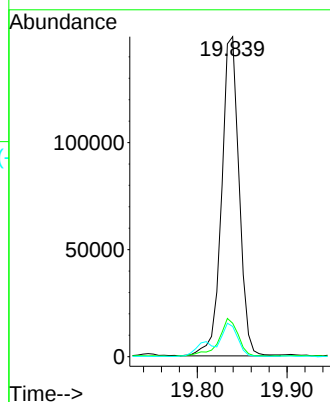
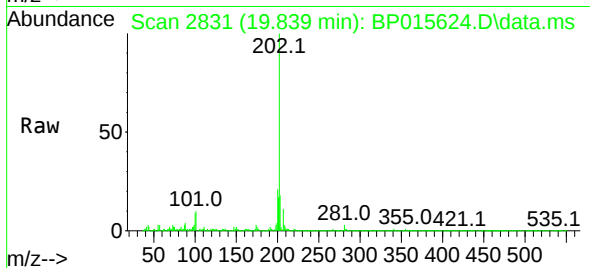
Tgt Ion:	202	Resp:	201730
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.9	14.9
100	9.5	8.4	12.6

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#85

Benzo(a)anthracene

Concen: 2.980 ng/ul

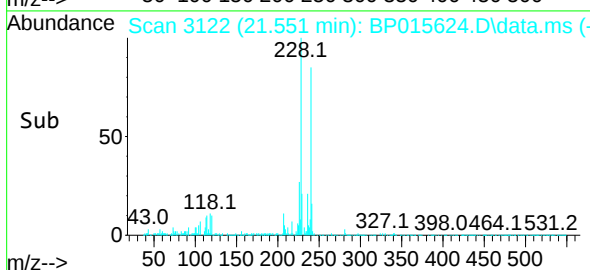
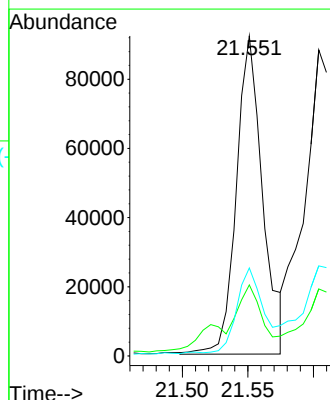
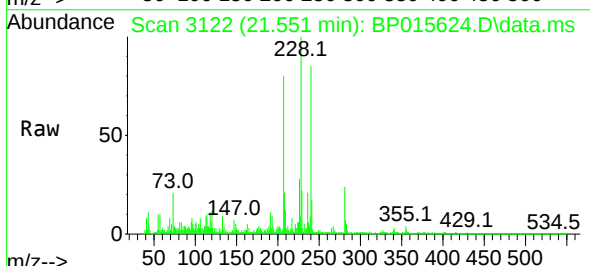
RT: 21.551 min Scan# 3122

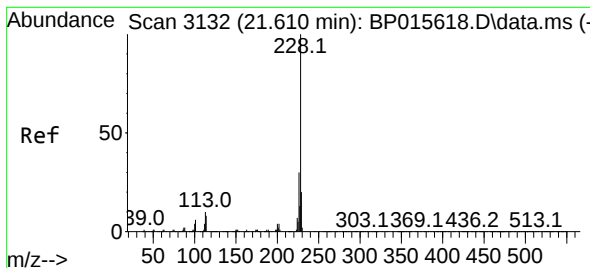
Delta R.T. 0.000 min

Lab File: BP015624.D

Acq: 20 Jun 2023 16:29

Tgt Ion:	228	Resp:	128520
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.8	23.6
226	27.5	21.8	32.6





#87

Chrysene

Concen: 3.507 ng/ul

RT: 21.604 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP015624.D

Acq: 20 Jun 2023 16:29

Instrument :

BNA_P

ClientSampleId :

DCFH5

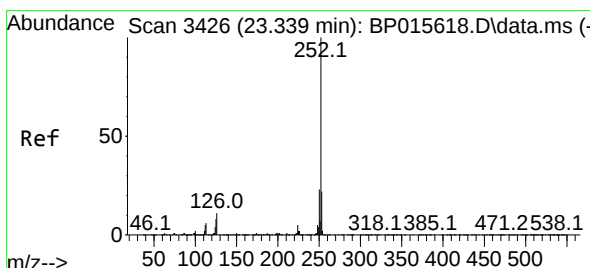
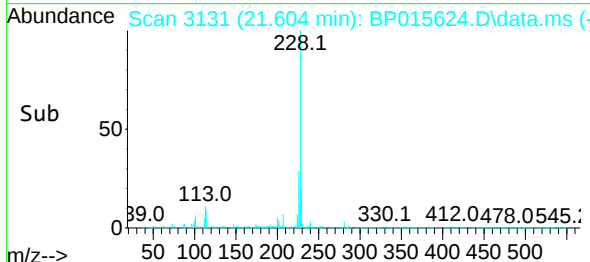
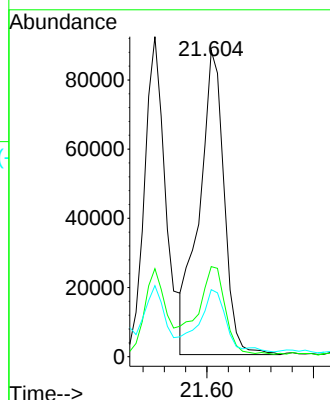
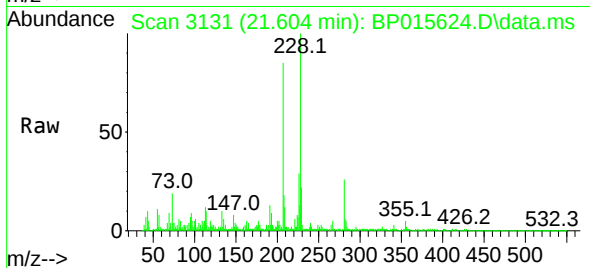
Tgt Ion:228	Resp: 14295
Ion Ratio	Lower Upper
228 100	
226 29.4	23.9 35.9
229 21.9	15.1 22.7

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Supervised By :mohammad ahmed 06/22/2023



#90

Benzo(b)fluoranthene

Concen: 5.258 ng/ul

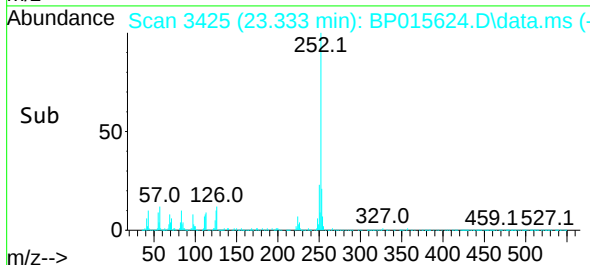
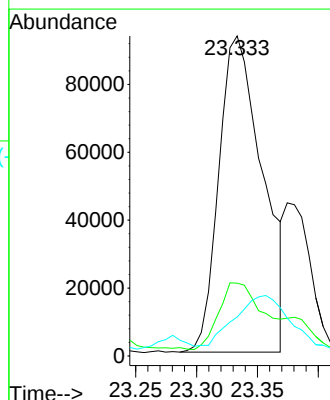
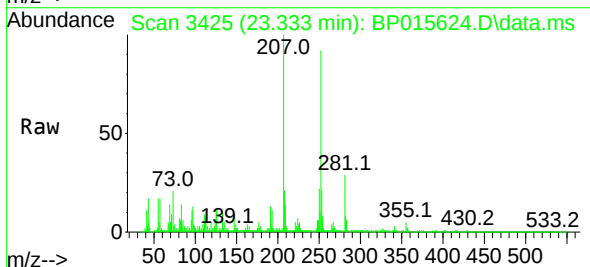
RT: 23.333 min Scan# 3425

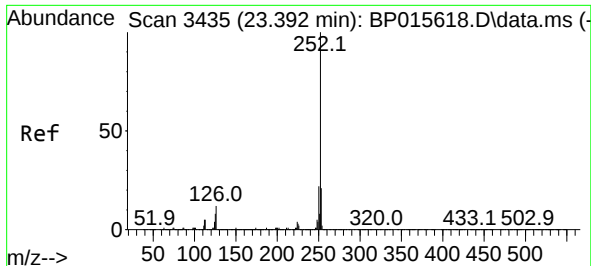
Delta R.T. 0.006 min

Lab File: BP015624.D

Acq: 20 Jun 2023 16:29

Tgt Ion:252	Resp: 233116
Ion Ratio	Lower Upper
252 100	
253 22.8	17.4 26.2
125 12.1	7.3 10.9





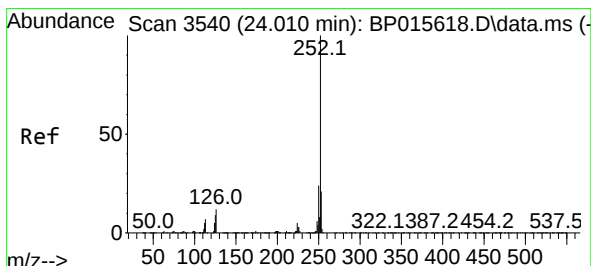
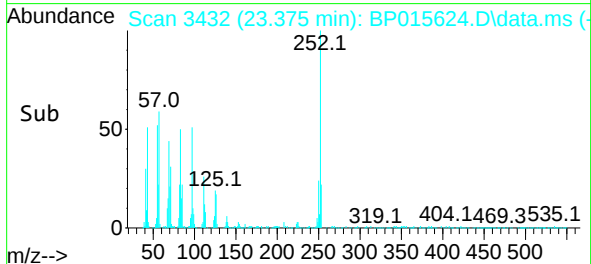
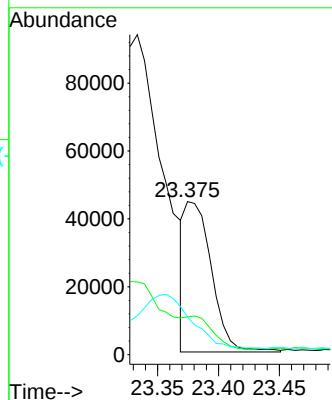
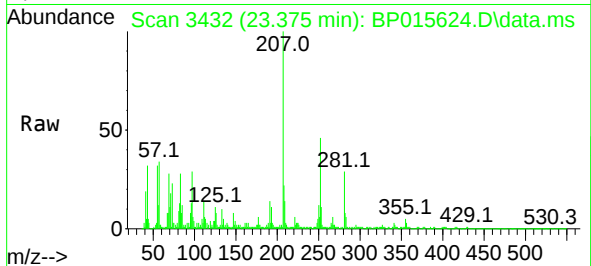
#91
Benzo(k)fluoranthene
Concen: 1.569 ng/ul m
RT: 23.375 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BP015624.D
Acq: 20 Jun 2023 16:29

Instrument :
BNA_P
ClientSampleId :
DCFH5

Tgt Ion:252 Resp: 6723
Ion Ratio Lower Upper
252 100
253 24.7 17.7 26.5
125 24.6 7.3 10.9

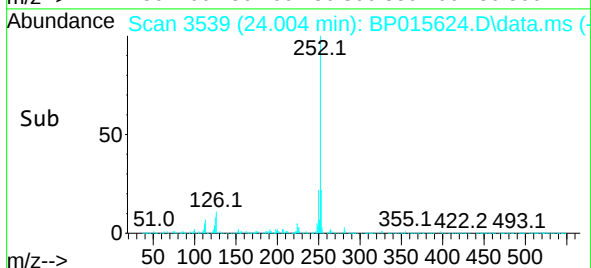
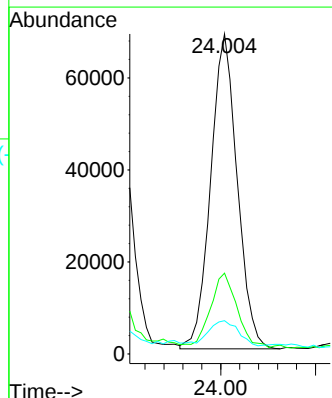
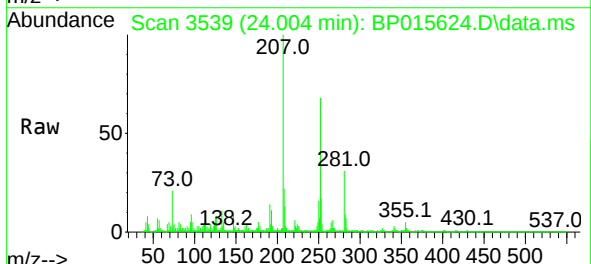
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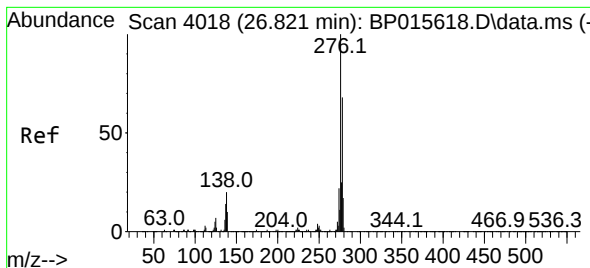
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023



#93
Benzo(a)pyrene
Concen: 3.445 ng/ul
RT: 24.004 min Scan# 3539
Delta R.T. 0.000 min
Lab File: BP015624.D
Acq: 20 Jun 2023 16:29

Tgt Ion:252 Resp: 133167
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.6
125 10.4 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.161 ng/ul

RT: 26.815 min Scan# 4018

Delta R.T. 0.006 min

Lab File: BP015624.D

Acq: 20 Jun 2023 16:29

Instrument :

BNA_P

ClientSampleId :

DCFH5

Tgt Ion:276 Resp: 10809

Ion Ratio Lower Upper

276 100

138 22.1 17.3 25.9

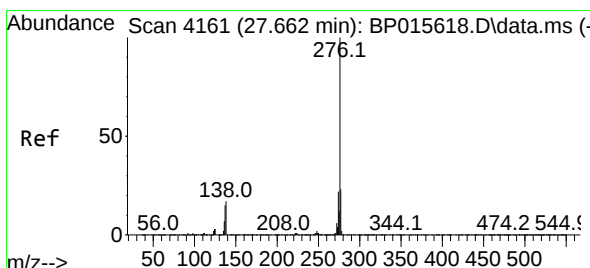
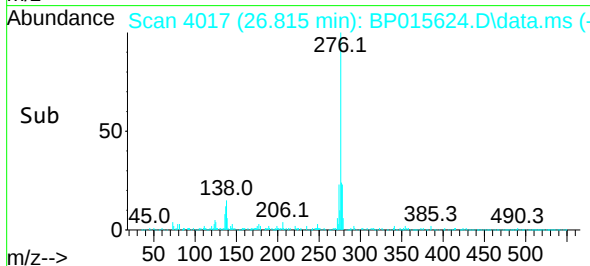
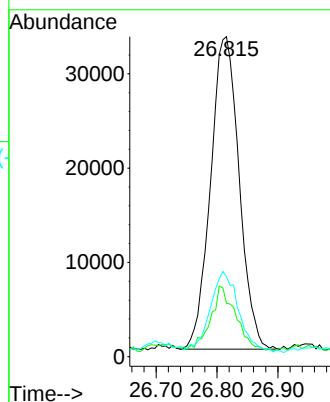
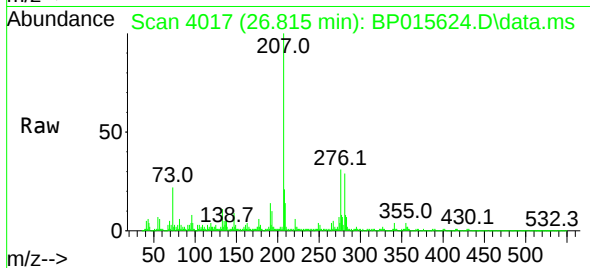
277 25.0 20.2 30.2

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.307 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.006 min

Lab File: BP015624.D

Acq: 20 Jun 2023 16:29

Tgt Ion:276 Resp: 95108

Ion Ratio Lower Upper

276 100

138 19.1 15.6 23.4

277 27.5 19.0 28.6

