

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012159.D
 Acq On : 15 Oct 2022 03:52
 Operator : CG/JU
 Sample : N4984-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGNC2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 04:24:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	217660	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.646	136	899174	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.487	164	509992	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.251	188	1092228	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1146680	20.000	ng/ul	# 0.00
88) Perylene-d12	23.757	264	1209816	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	5923m	1.073	ng/uL	0.00
4) Pyridine-d5	3.711	84	11385m	0.775	ng/ul	0.01
7) Phenol-d5	7.010	99	338092	19.313	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	203807	20.511	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.369	132	272570	19.616	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	255793	19.024	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	122422	19.278	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	119855	18.613	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.269	165	227251	18.210	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.793	131	283475	15.415	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	689467	21.347	ng/ul	-0.01
49) Acenaphthylene-d8	14.181	160	851692	21.324	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.704	143	69886	11.021	ng/ul	0.00
60) Fluorene-d10	15.486	176	668651	22.882	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.610	200	30373	5.266	ng/ul	-0.01
73) Anthracene-d10	17.345	188	1075673	22.680	ng/ul	-0.01
81) Pyrene-d10	19.586	212	1365342	23.242	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.598	264	1405259	23.894	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.034	94	19595	1.066	ng/ul#	89
72) Phenanthrene	17.292	178	191993	3.232	ng/ul	98
74) Anthracene	17.381	178	97137	1.653	ng/ul	99
80) Fluoranthene	19.263	202	921169	12.797	ng/ul	95
82) Pyrene	19.616	202	808602	10.615	ng/ul	95
85) Benzo(a)anthracene	21.327	228	597276	8.275	ng/ul	94
87) Chrysene	21.374	228	525977	7.571	ng/ul	98
90) Benzo(b)fluoranthene	23.016	252	661173	8.634	ng/ul#	97
91) Benzo(k)fluoranthene	23.063	252	219625m	2.916	ng/ul	
93) Benzo(a)pyrene	23.645	252	504666	7.387	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.257	276	283145	3.278	ng/ul	96
96) Benzo(g,h,i)perylene	27.027	276	187872	2.412	ng/ul#	93

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

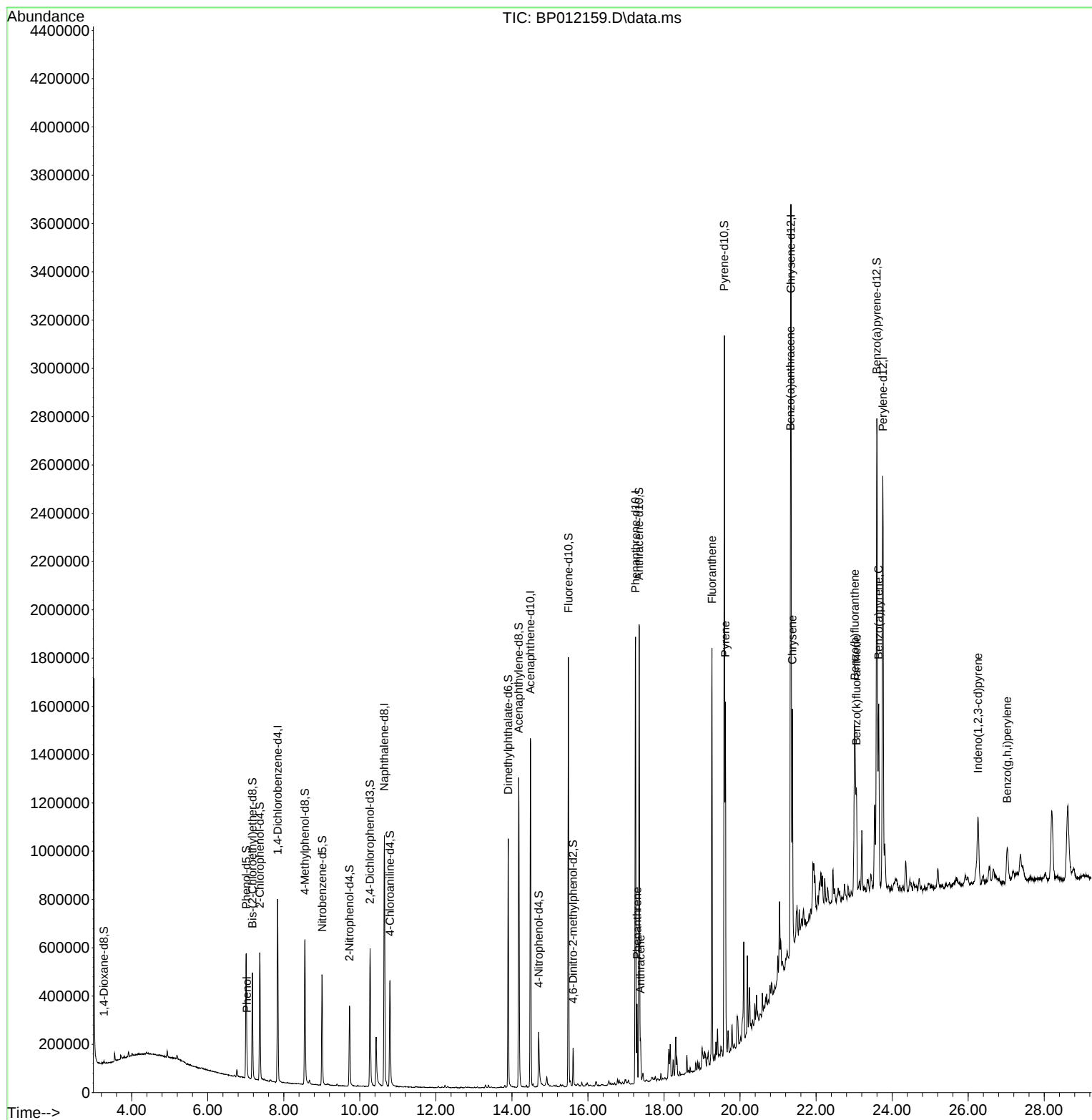
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012159.D
 Acq On : 15 Oct 2022 03:52
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 ALS Vial : 34 Sample Multiplier: 1

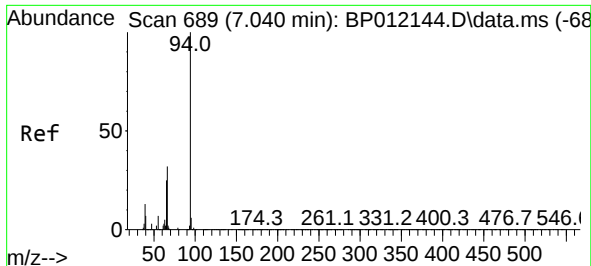
Instrument :
 BNA_P
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Quant Time: Oct 15 04:24:49 2022
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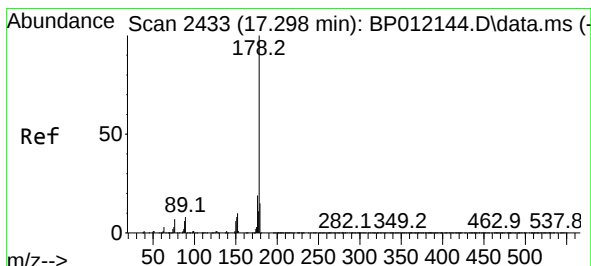
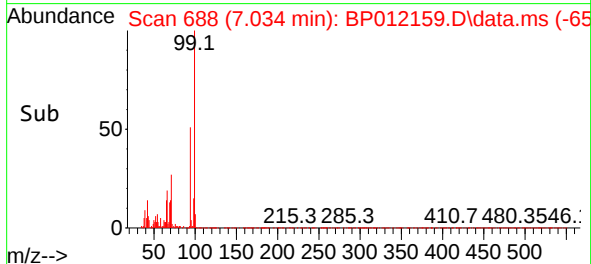
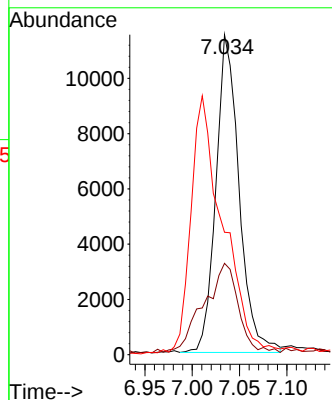
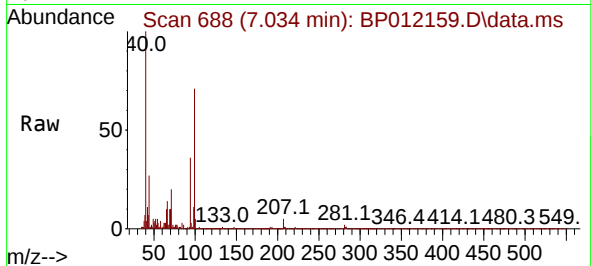
#8
Phenol
Concen: 1.066 ng/ul
RT: 7.034 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP012159.D
Acq: 15 Oct 2022 03:52

Instrument :
BNA_P
ClientSampleId :
BGNC2

Tgt Ion: 94 Resp: 1959
Ion Ratio Lower Upper
94 100
65 28.5 19.4 29.0
66 38.3 24.6 37.0

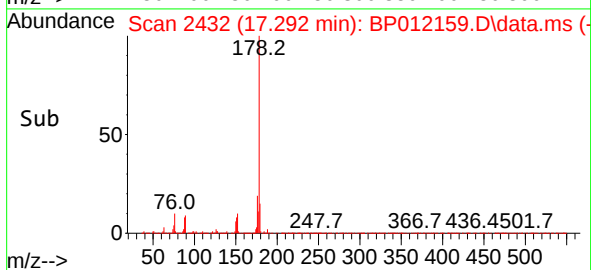
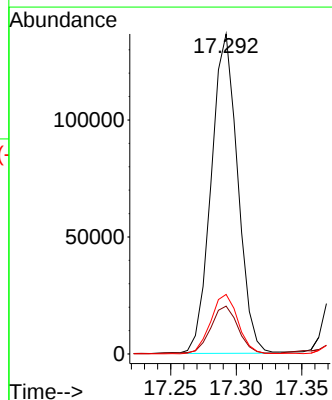
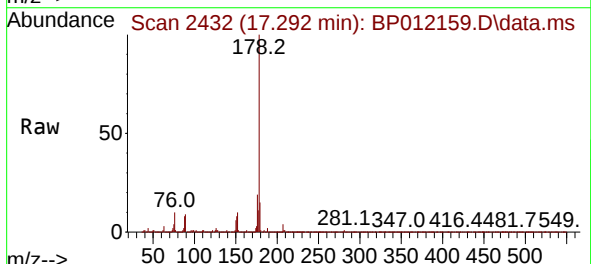
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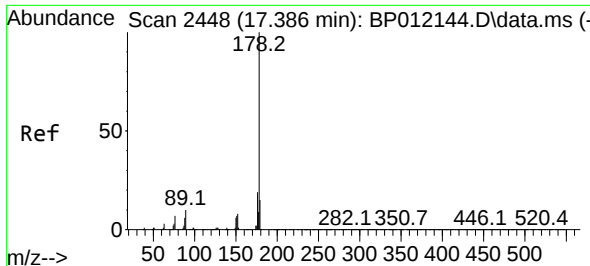
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#72
Phenanthrene
Concen: 3.232 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP012159.D
Acq: 15 Oct 2022 03:52

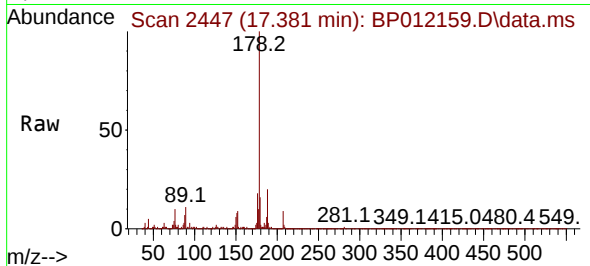
Tgt Ion:178 Resp: 191993
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 18.6 15.8 23.6





#74
 Anthracene
 Concen: 1.653 ng/ul
 RT: 17.381 min Scan# 2448
 Delta R.T. -0.012 min
 Lab File: BP012159.D
 Acq: 15 Oct 2022 03:52

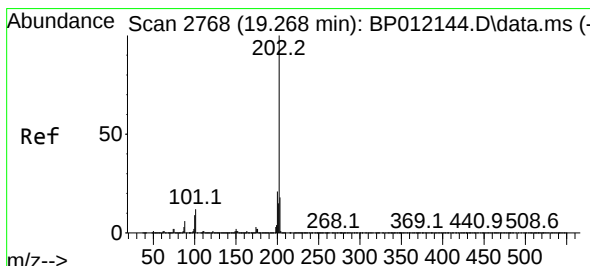
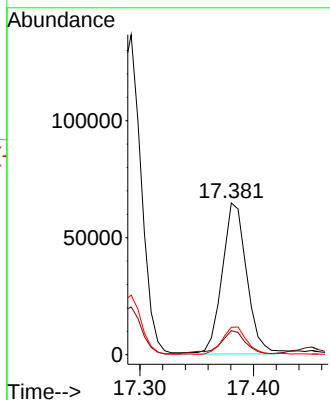
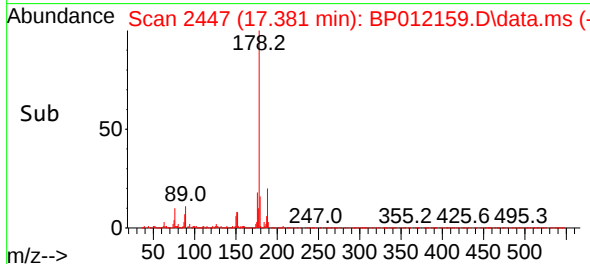
Instrument :
 BNA_P
 ClientSampleId :
 BGNC2



Tgt Ion:178 Resp: 9713
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.2 18.4
 176 18.1 14.8 22.2

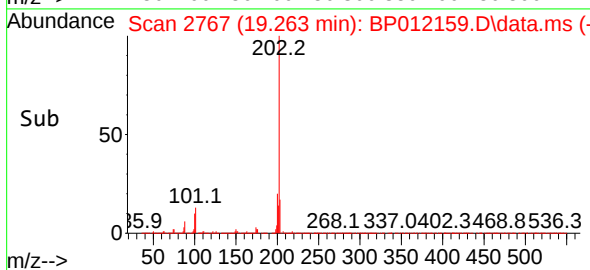
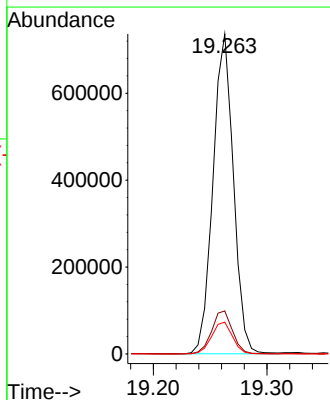
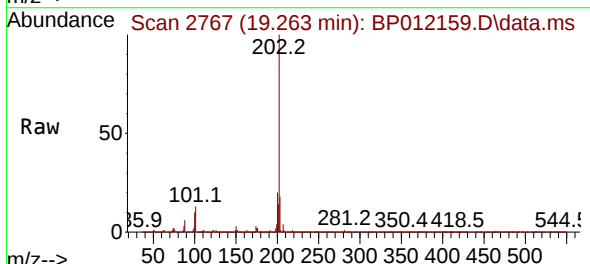
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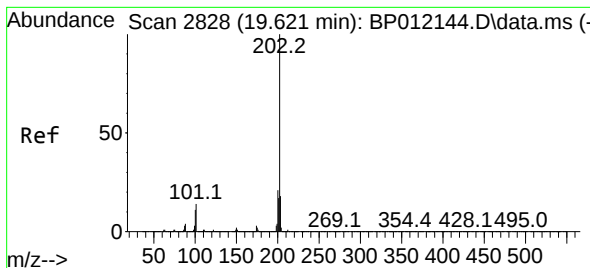
Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022



#80
 Fluoranthene
 Concen: 12.797 ng/ul
 RT: 19.263 min Scan# 2767
 Delta R.T. -0.006 min
 Lab File: BP012159.D
 Acq: 15 Oct 2022 03:52

Tgt Ion:202 Resp: 921169
 Ion Ratio Lower Upper
 202 100
 101 13.5 9.0 13.6
 100 9.9 7.0 10.6





#82

Pyrene

Concen: 10.615 ng/ul

RT: 19.616 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP012159.D

Acq: 15 Oct 2022 03:52

Instrument :

BNA_P

ClientSampleId :

BGNC2

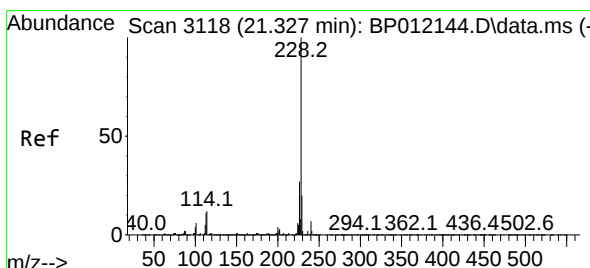
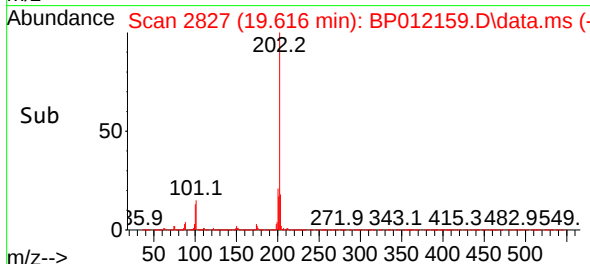
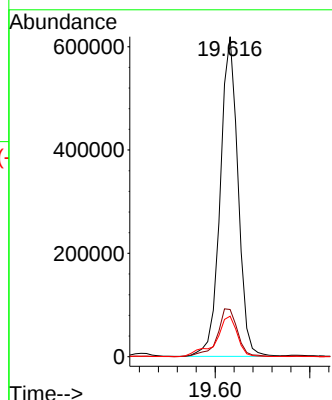
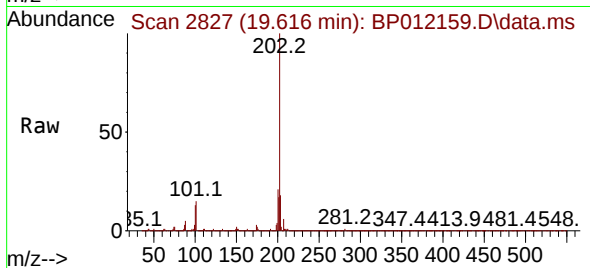
Tgt Ion:	202	Resp:	808602
Ion Ratio	Lower	Upper	
202	100		
101	14.7	10.4	15.6
100	12.7	8.5	12.7

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Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#85

Benzo(a)anthracene

Concen: 8.275 ng/ul

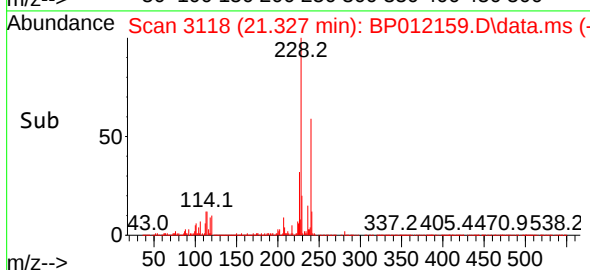
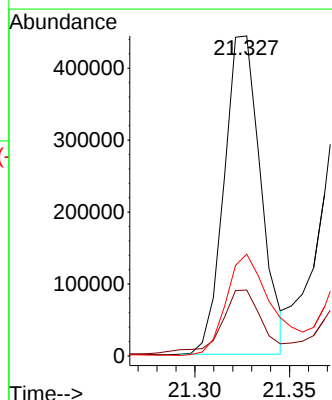
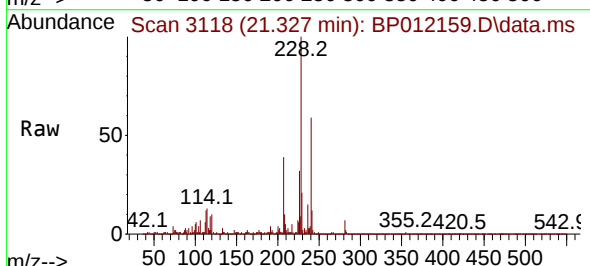
RT: 21.327 min Scan# 3118

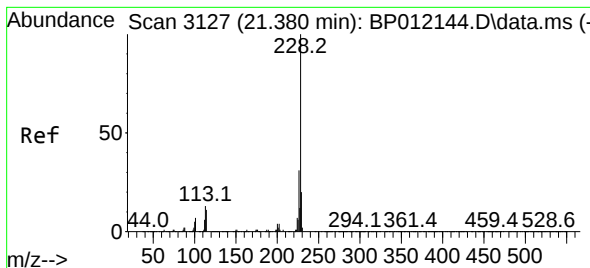
Delta R.T. -0.006 min

Lab File: BP012159.D

Acq: 15 Oct 2022 03:52

Tgt Ion:	228	Resp:	597276
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.7	23.5
226	31.8	21.9	32.9





#87

Chrysene

Concen: 7.571 ng/ul

RT: 21.374 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP012159.D

Acq: 15 Oct 2022 03:52

Instrument :

BNA_P

ClientSampleId :

BGNC2

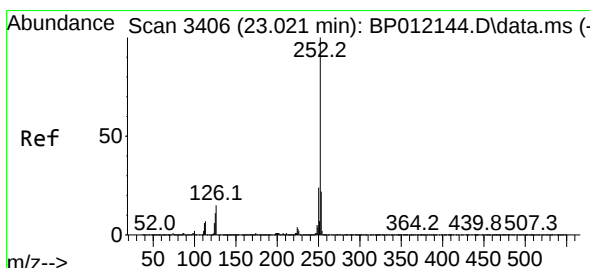
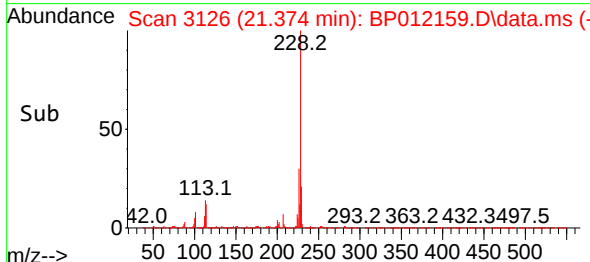
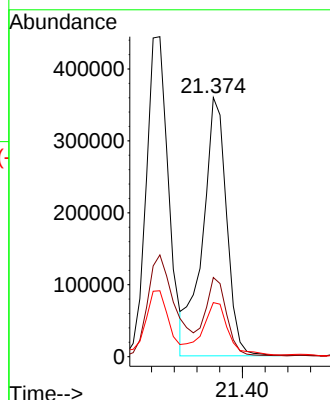
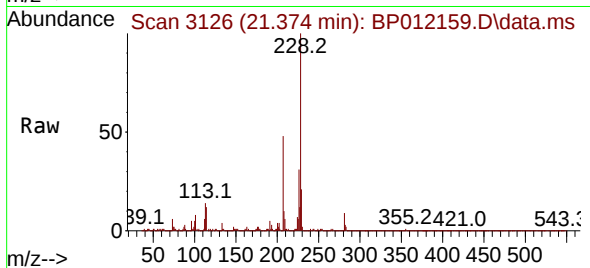
Tgt Ion:228 Resp: 52597
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.0 36.0
 229 20.9 15.5 23.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#90

Benzo(b)fluoranthene

Concen: 8.634 ng/ul

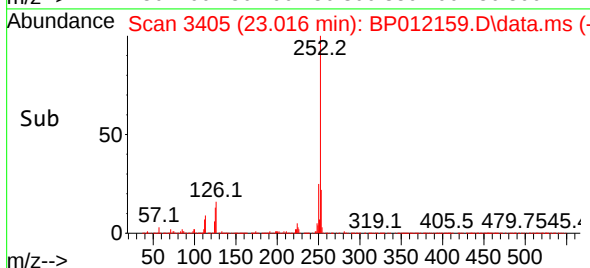
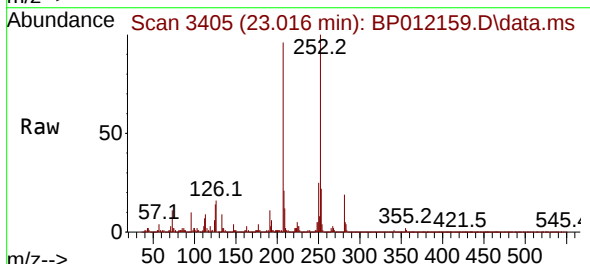
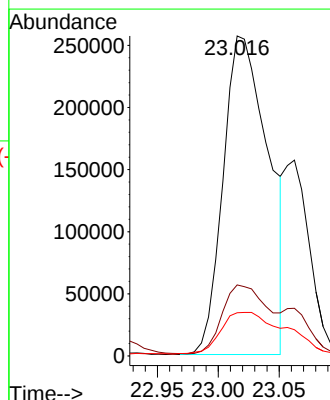
RT: 23.016 min Scan# 3405

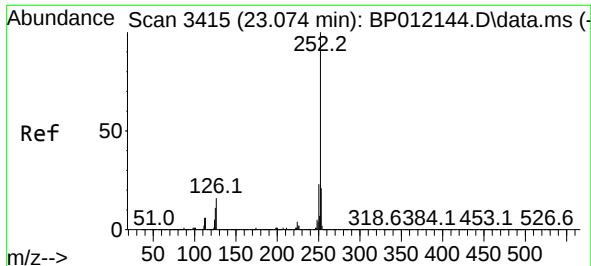
Delta R.T. -0.012 min

Lab File: BP012159.D

Acq: 15 Oct 2022 03:52

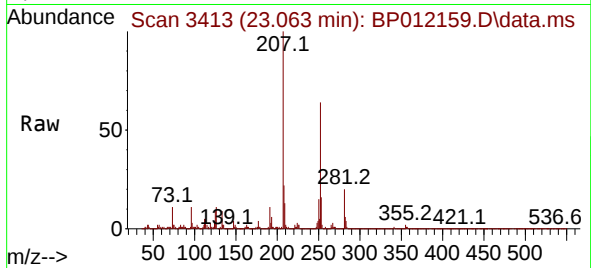
Tgt Ion:252 Resp: 661173
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 13.5 7.8 11.8#





#91
Benzo(k)fluoranthene
Concen: 2.916 ng/ul m
RT: 23.063 min Scan# 3415
Delta R.T. -0.012 min
Lab File: BP012159.D
Acq: 15 Oct 2022 03:52

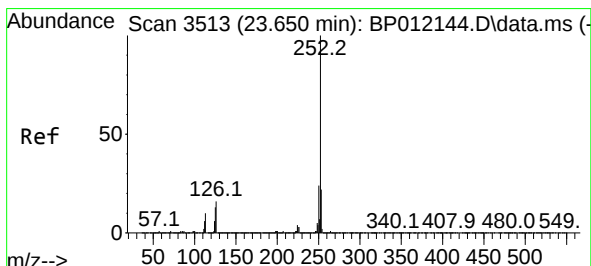
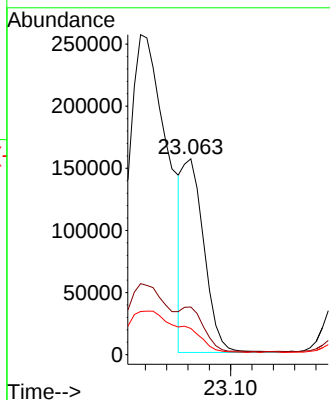
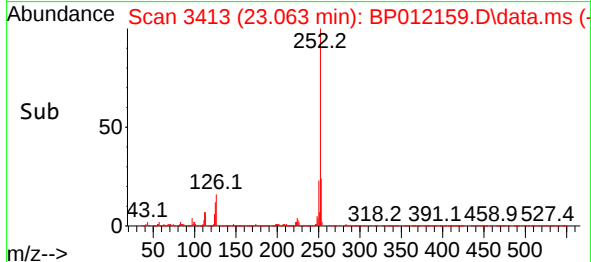
Instrument :
BNA_P
ClientSampleId :
BGNC2



Tgt Ion:252 Resp: 21962
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 13.4 8.2 12.2

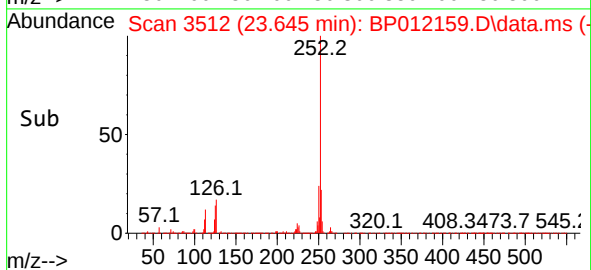
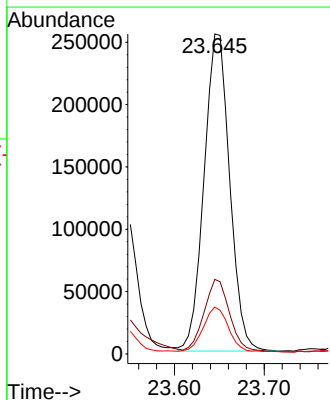
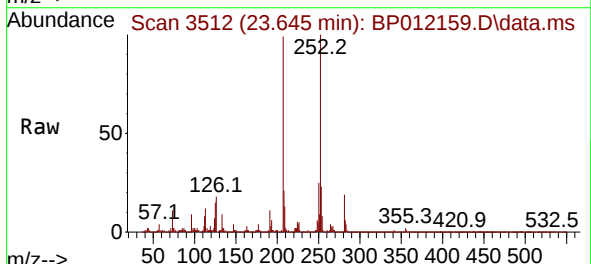
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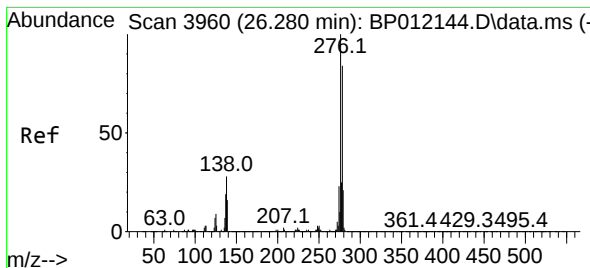
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#93
Benzo(a)pyrene
Concen: 7.387 ng/ul
RT: 23.645 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP012159.D
Acq: 15 Oct 2022 03:52

Tgt Ion:252 Resp: 504666
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 14.6 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.278 ng/ul

RT: 26.257 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BP012159.D

Acq: 15 Oct 2022 03:52

Instrument :

BNA_P

ClientSampleId :

BGNC2

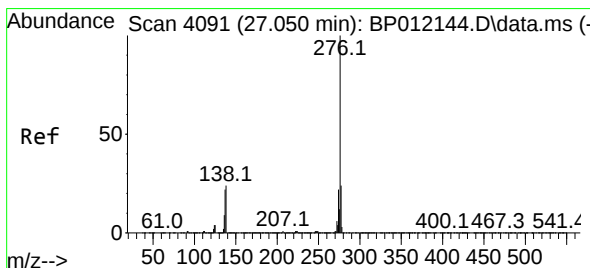
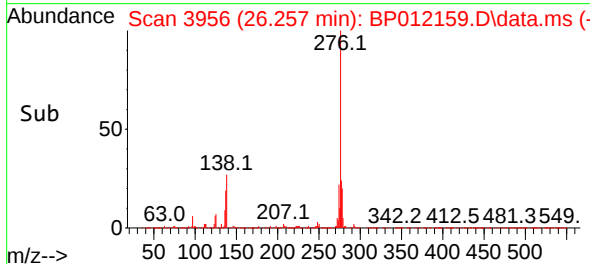
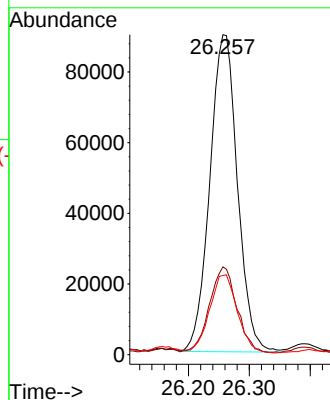
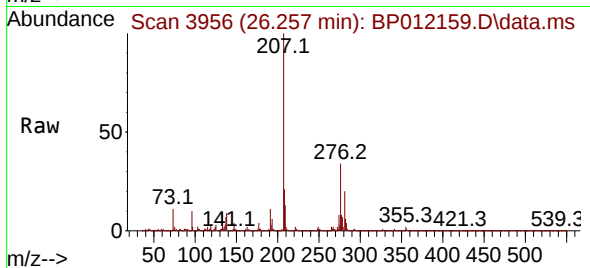
Tgt Ion:	276	Resp:	28314
Ion Ratio	Lower	Upper	
276	100		
138	27.5	19.1	28.7
277	24.8	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#96

Benzo(g,h,i)perylene

Concen: 2.412 ng/ul

RT: 27.027 min Scan# 4087

Delta R.T. -0.029 min

Lab File: BP012159.D

Acq: 15 Oct 2022 03:52

Tgt Ion:	276	Resp:	187872
Ion Ratio	Lower	Upper	
276	100		
138	27.2	16.5	24.7#
277	23.5	19.0	28.4

