

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012162.D
 Acq On : 15 Oct 2022 05:34
 Operator : CG/JU
 Sample : N4984-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGNC6

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 06:36:58 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	243309	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.645	136	1023476	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.486	164	582629	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.251	188	1240548	20.000	ng/u1	0.00
79) Chrysene-d12	21.339	240	1321375	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1386993	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	6192	1.003	ng/uL	0.00
4) Pyridine-d5	3.704	84	15591	0.950	ng/u1	0.00
7) Phenol-d5	7.010	99	416519	21.285	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	250372	22.541	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.369	132	327475	21.083	ng/u1	-0.01
15) 4-Methylphenol-d8	8.551	113	320559	21.328	ng/u1	-0.01
21) Nitrobenzene-d5	9.010	128	147710	20.435	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	146293	19.960	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.269	165	275852	19.420	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.792	131	336659	16.083	ng/u1	-0.01
46) Dimethylphthalate-d6	13.904	166	802163	21.740	ng/u1	-0.01
49) Acenaphthylene-d8	14.180	160	986434	21.619	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.704	143	91019	12.565	ng/u1	0.00
60) Fluorene-d10	15.486	176	760786	22.789	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.610	200	36969	5.644	ng/u1	-0.01
73) Anthracene-d10	17.345	188	1236708	22.958	ng/u1	-0.01
81) Pyrene-d10	19.586	212	1562768	23.085	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.598	264	1603274	23.779	ng/u1	-0.01
Target Compounds					Qvalue	
8) Phenol	7.034	94	26688	1.299	ng/u1#	86
72) Phenanthrene	17.292	178	380837	5.645	ng/u1	100
74) Anthracene	17.380	178	205245	3.074	ng/u1	99
80) Fluoranthene	19.262	202	1098293	13.241	ng/u1	96
82) Pyrene	19.615	202	939440m	10.702	ng/u1	
85) Benzo(a)anthracene	21.327	228	706521	8.495	ng/u1	96
87) Chrysene	21.374	228	576609	7.202	ng/u1	97
90) Benzo(b)fluoranthene	23.021	252	680586	7.752	ng/u1#	96
91) Benzo(k)fluoranthene	23.062	252	229633m	2.659	ng/u1	
93) Benzo(a)pyrene	23.645	252	535243	6.833	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.256	276	277505	2.802	ng/u1	97
96) Benzo(g,h,i)perylene	27.027	276	182770	2.047	ng/u1#	91

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

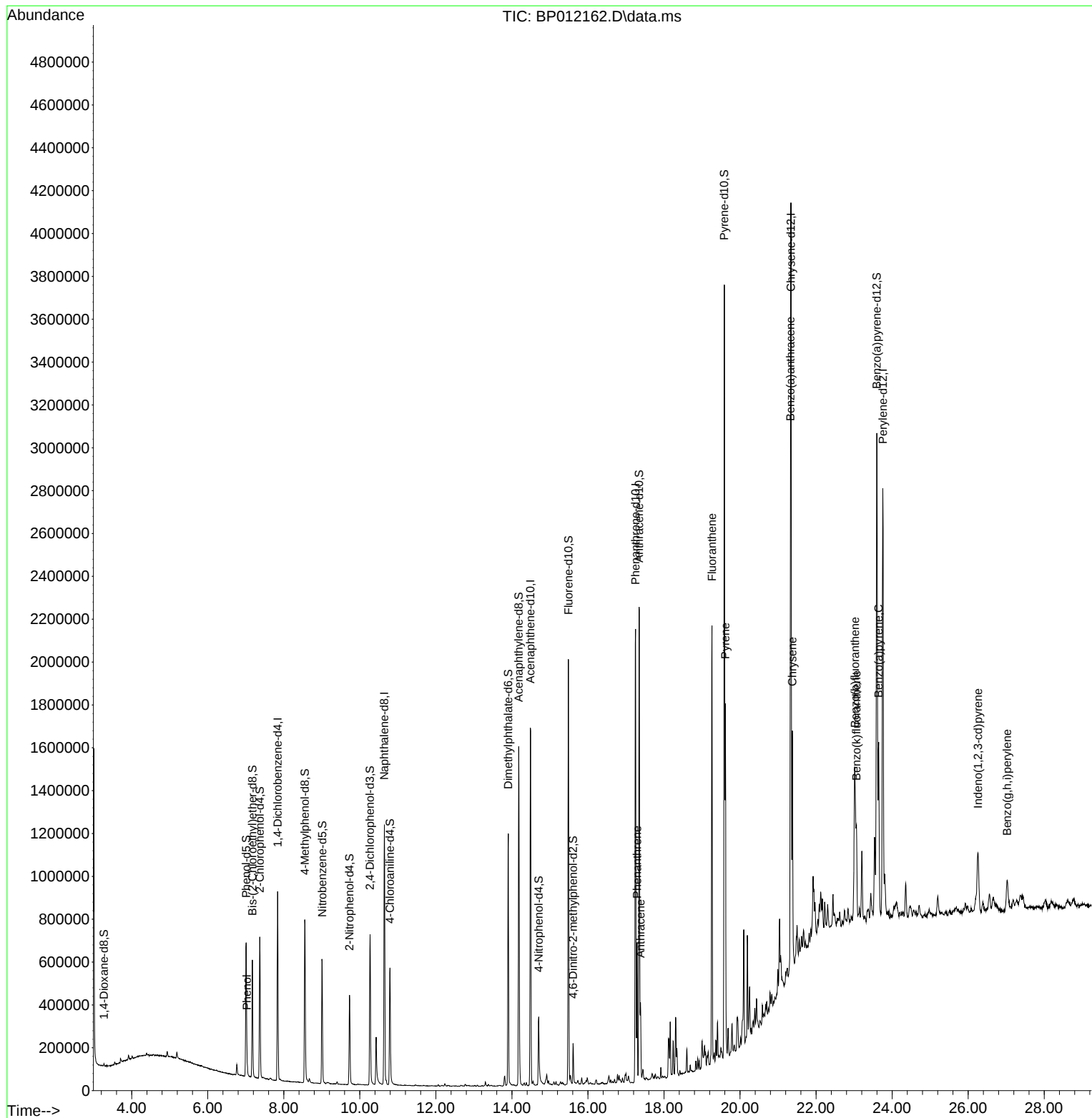
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
 Data File : BP012162.D
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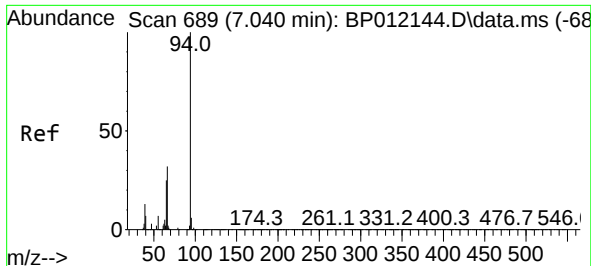
Instrument :
 BNA_P
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Quant Time: Oct 15 06:36:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
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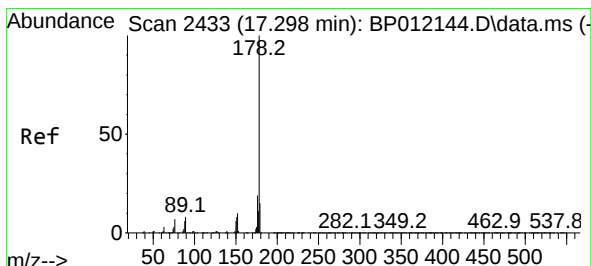
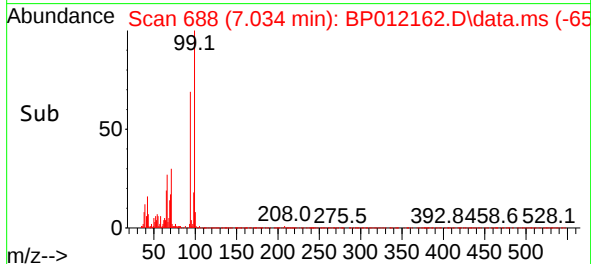
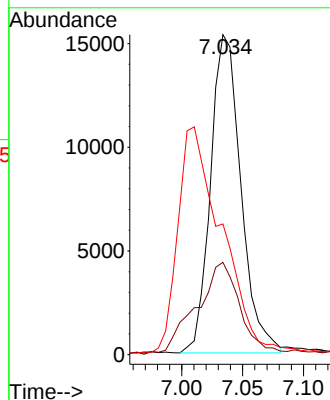
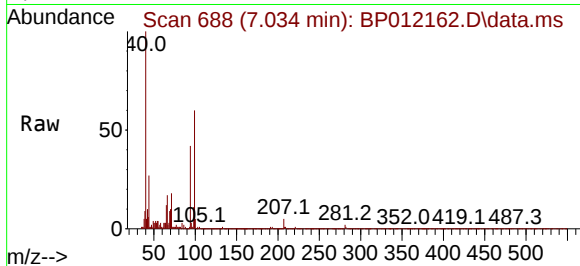
#8
Phenol
Concen: 1.299 ng/ul
RT: 7.034 min Scan# 689
Delta R.T. -0.012 min
Lab File: BP012162.D
Acq: 15 Oct 2022 05:34

Instrument :
BNA_P
ClientSampleId :
BGNC6

Tgt Ion: 94 Resp: 26688
Ion Ratio Lower Upper
94 100
65 28.8 19.4 29.0
66 40.9 24.6 37.0

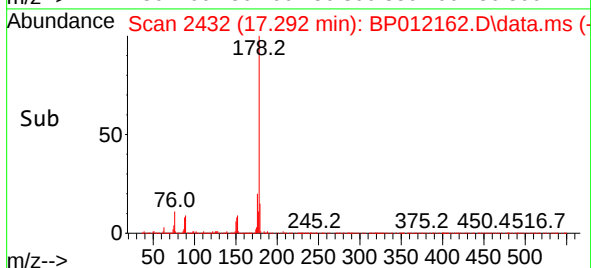
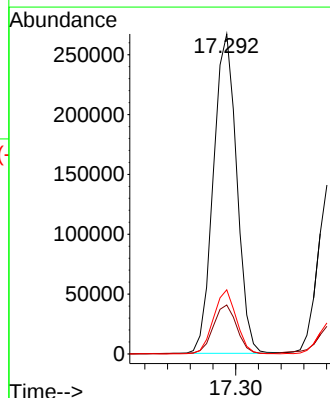
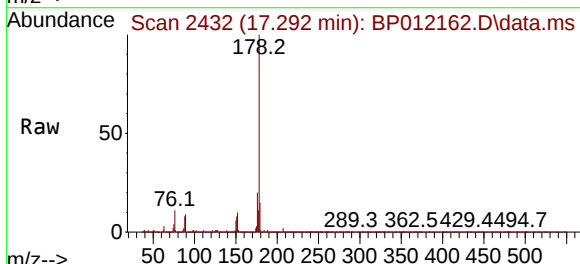
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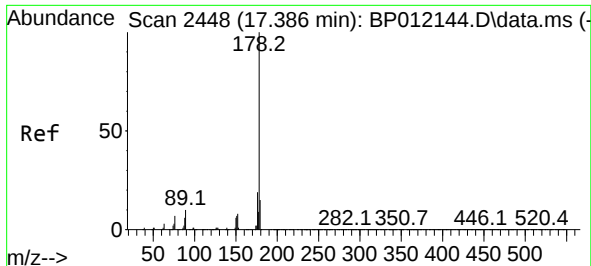
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#72
Phenanthrene
Concen: 5.645 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. -0.012 min
Lab File: BP012162.D
Acq: 15 Oct 2022 05:34

Tgt Ion:178 Resp: 380837
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 20.0 15.8 23.6





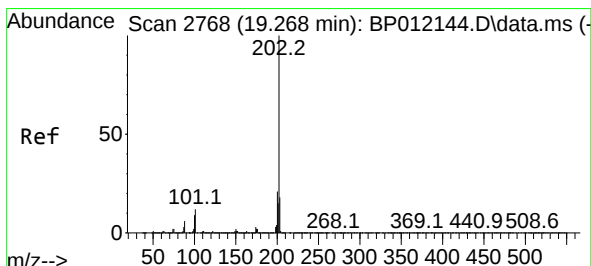
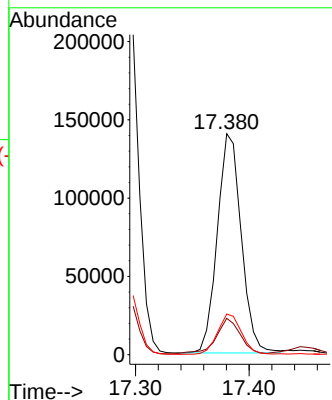
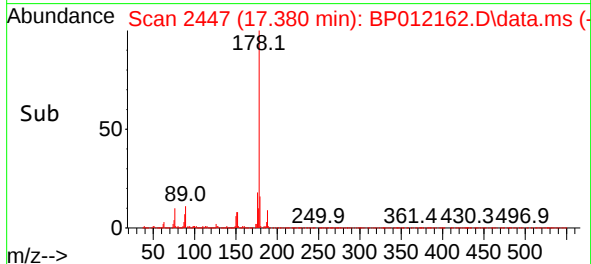
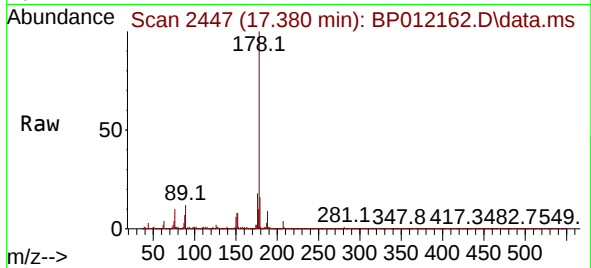
#74
 Anthracene
 Concen: 3.074 ng/ul
 RT: 17.380 min Scan# 2448
 Delta R.T. -0.012 min
 Lab File: BP012162.D
 Acq: 15 Oct 2022 05:34

Instrument :
 BNA_P
 ClientSampleId :
 BGNC6

Tgt Ion:178 Resp: 205249
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.2 18.4
 176 18.4 14.8 22.2

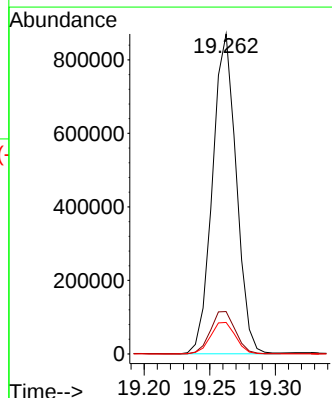
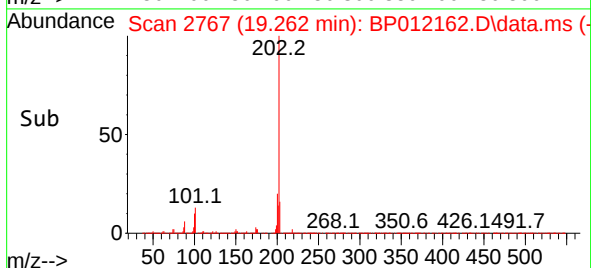
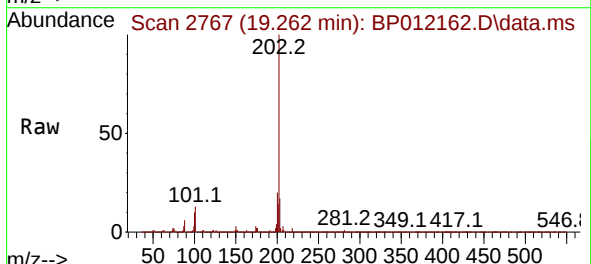
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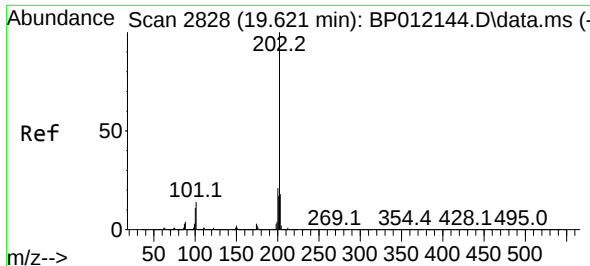
Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022



#80
 Fluoranthene
 Concen: 13.241 ng/ul
 RT: 19.262 min Scan# 2767
 Delta R.T. -0.006 min
 Lab File: BP012162.D
 Acq: 15 Oct 2022 05:34

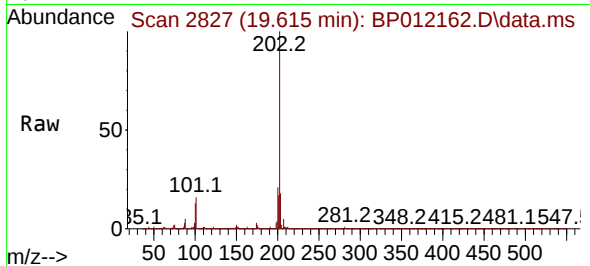
Tgt Ion:202 Resp: 1098293
 Ion Ratio Lower Upper
 202 100
 101 13.2 9.0 13.6
 100 9.8 7.0 10.6





#82
Pyrene
Concen: 10.702 ng/ul m
RT: 19.615 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP012162.D
Acq: 15 Oct 2022 05:34

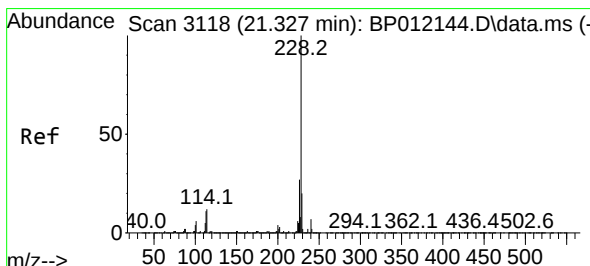
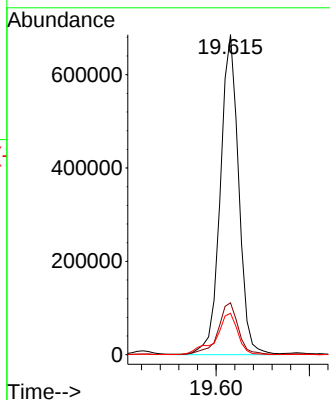
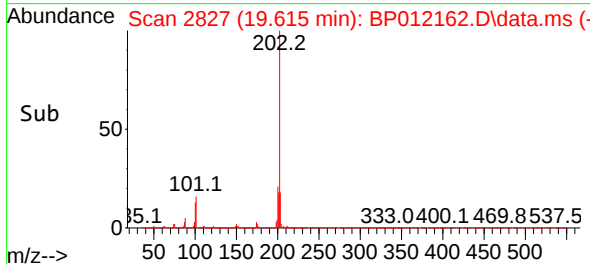
Instrument :
BNA_P
ClientSampleId :
BGNC6



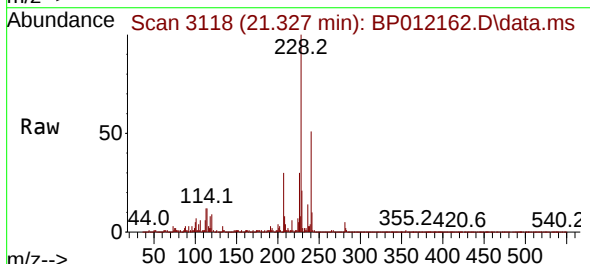
Tgt Ion:202 Resp: 939440
Ion Ratio Lower Upper
202 100
101 16.2 10.4 15.6
100 13.0 8.5 12.7

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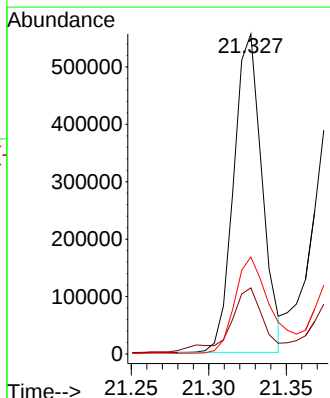
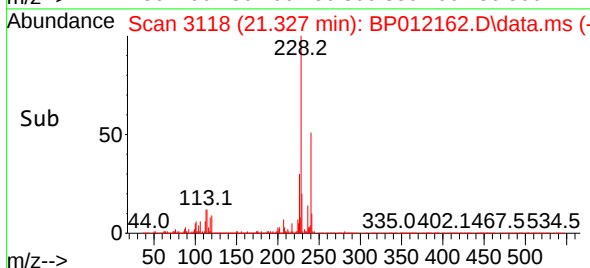
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

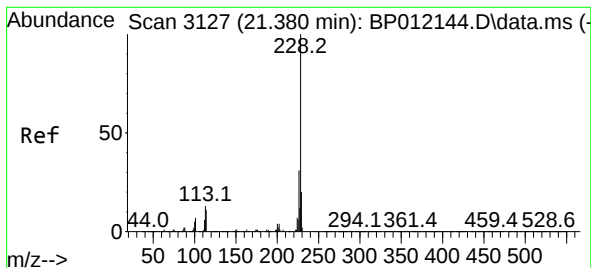


#85
Benzo(a)anthracene
Concen: 8.495 ng/ul
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP012162.D
Acq: 15 Oct 2022 05:34



Tgt Ion:228 Resp: 706521
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 30.3 21.9 32.9





#87

Chrysene

Concen: 7.202 ng/ul

RT: 21.374 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP012162.D

Acq: 15 Oct 2022 05:34

Instrument :

BNA_P

ClientSampleId :

BGNC6

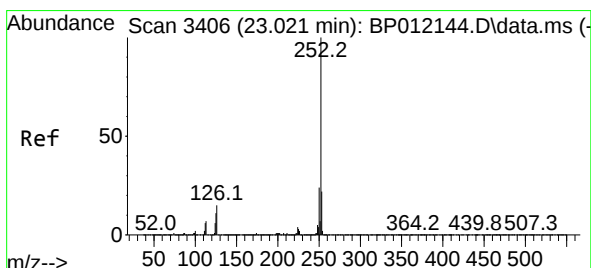
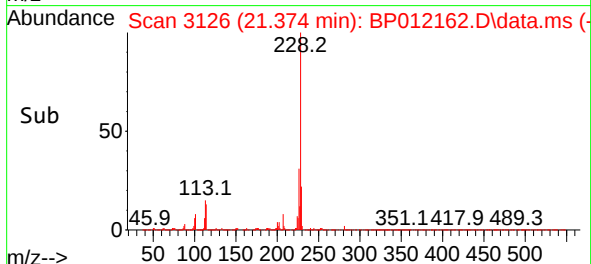
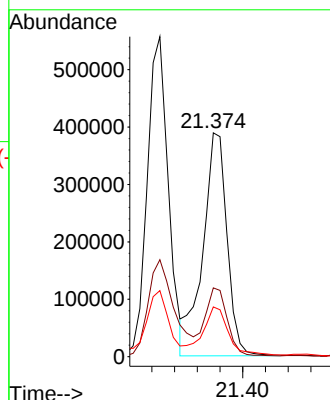
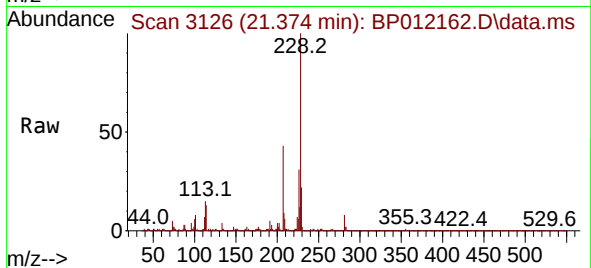
Tgt Ion:228 Resp: 576609
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.0 36.0
 229 22.2 15.5 23.3

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: 7.752 ng/ul

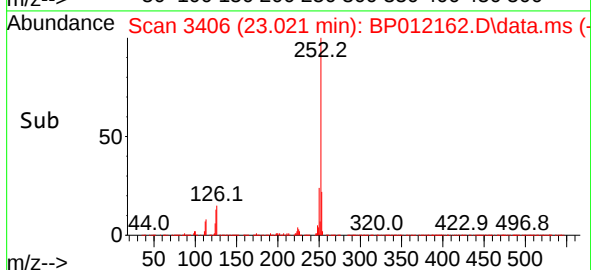
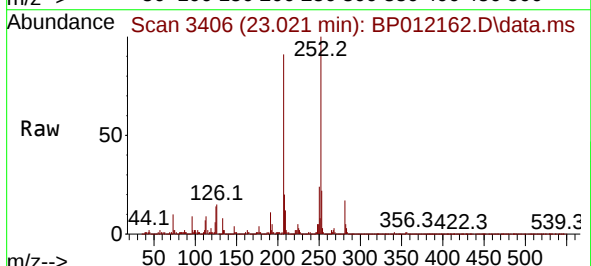
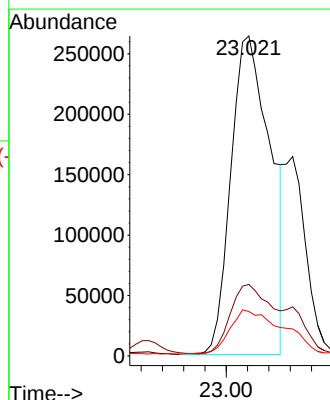
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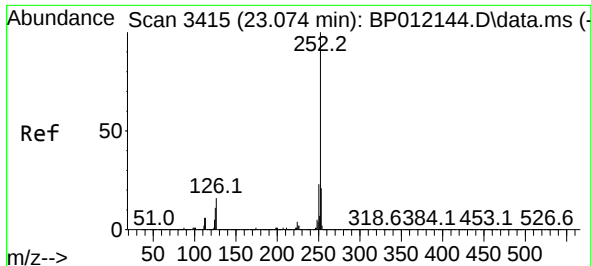
Delta R.T. -0.006 min

Lab File: BP012162.D

Acq: 15 Oct 2022 05:34

Tgt Ion:252 Resp: 680586
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.6 26.4
 125 13.9 7.8 11.8#





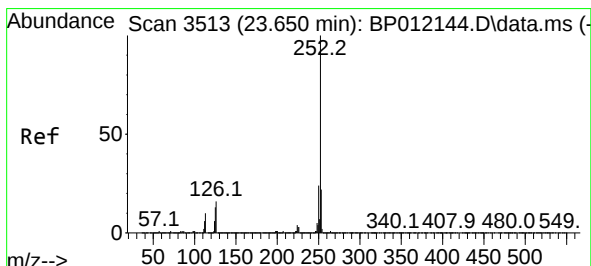
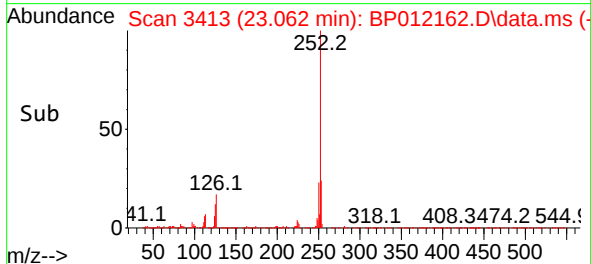
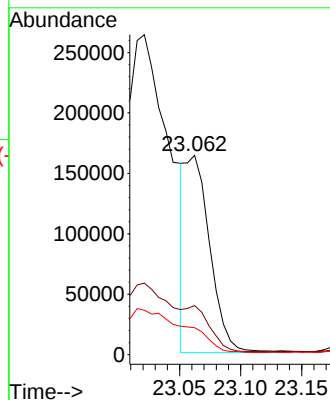
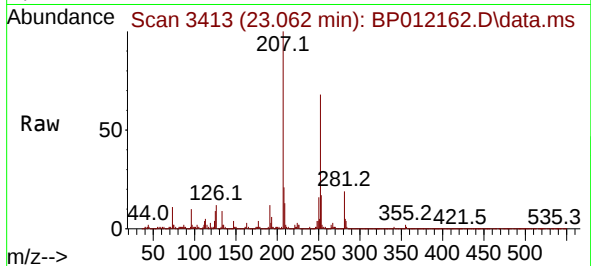
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Benzo(k)fluoranthene
Concen: 2.659 ng/ul m
RT: 23.062 min Scan# 3415
Delta R.T. -0.012 min
Lab File: BP012162.D
Acq: 15 Oct 2022 05:34

Instrument :
BNA_P
ClientSampleId :
BGNC6

Tgt Ion:252 Resp: 22963
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 13.5 8.2 12.2

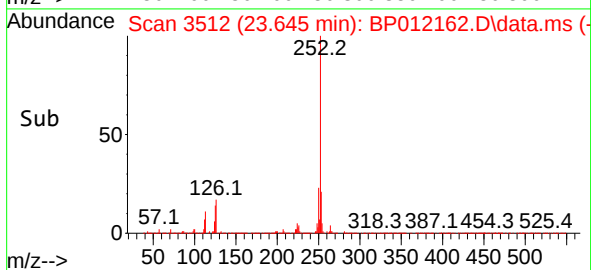
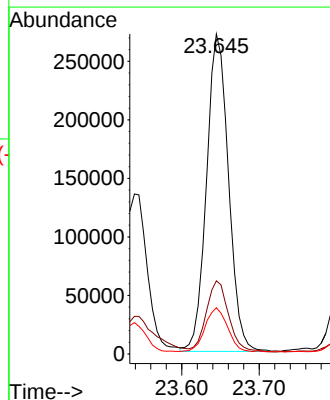
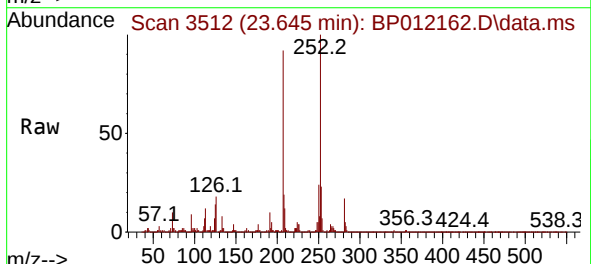
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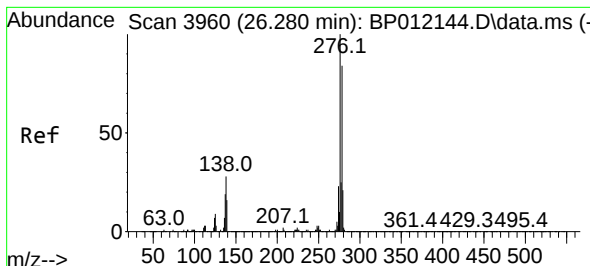
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#93
Benzo(a)pyrene
Concen: 6.833 ng/ul
RT: 23.645 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP012162.D
Acq: 15 Oct 2022 05:34

Tgt Ion:252 Resp: 535243
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 14.4 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.802 ng/ul

RT: 26.256 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BP012162.D

Acq: 15 Oct 2022 05:34

Instrument :

BNA_P

ClientSampleId :

BGNC6

Tgt Ion:276 Resp: 27750

Ion Ratio Lower Upper

276 100

138 26.8 19.1 28.7

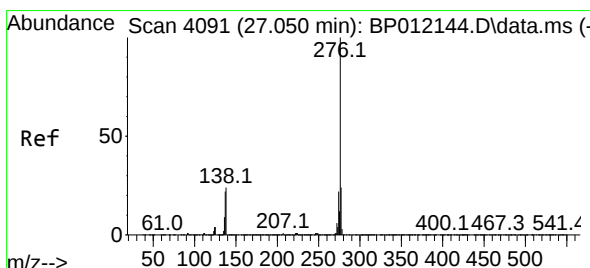
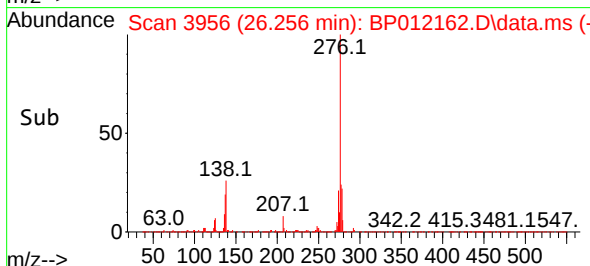
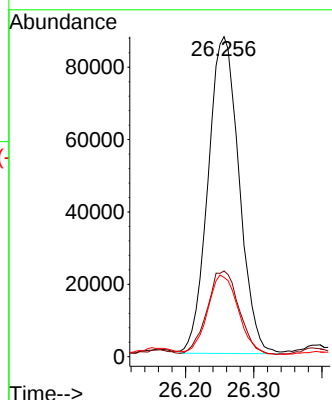
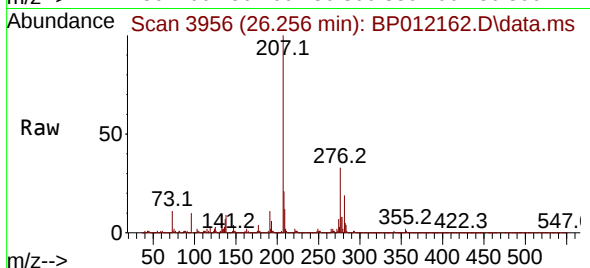
277 24.8 19.9 29.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/15/2022

Supervised By :mohammad ahmed 10/16/2022



#96

Benzo(g,h,i)perylene

Concen: 2.047 ng/ul

RT: 27.027 min Scan# 4087

Delta R.T. -0.030 min

Lab File: BP012162.D

Acq: 15 Oct 2022 05:34

Tgt Ion:276 Resp: 182770

Ion Ratio Lower Upper

276 100

138 28.8 16.5 24.7#

277 22.7 19.0 28.4

