

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015612.D
 Acq On : 19 Jun 2023 20:02
 Operator : MA/JU
 Sample : 03080-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 19 23:42:38 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	8.087	152	139953	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	613513	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	386365	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	850891	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	666586	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	702582	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	12447	3.293	ng/uL	0.00
4) Pyridine-d5	3.852	84	147877	15.063	ng/u1	0.00
7) Phenol-d5	7.246	99	277963	21.559	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	182119	23.651	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	231872	24.804	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	172179	16.271	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	123658	25.673	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	139720	25.401	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	230820	23.004	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	109814	7.625	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	780981	25.633	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	897646	26.945	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	85738	15.714	ng/u1	0.02
60) Fluorene-d10	15.722	176	662247	25.776	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	65415	12.135	ng/u1	0.00
73) Anthracene-d10	17.586	188	1024993	26.476	ng/u1	0.00
81) Pyrene-d10	19.810	212	1174827	32.930	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	942842	26.745	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.457	152	65367	1.772	ng/u1	99
72) Phenanthrene	17.528	178	648362	14.199	ng/u1	100
74) Anthracene	17.622	178	149320	3.223	ng/u1	99
80) Fluoranthene	19.486	202	2076393	47.780	ng/u1	98
82) Pyrene	19.839	202	1803202	40.106	ng/u1	97
85) Benzo(a)anthracene	21.551	228	1127817	24.202	ng/u1	98
87) Chrysene	21.610	228	1221862	27.740	ng/u1	96
90) Benzo(b)fluoranthene	23.339	252	1933182	42.626	ng/u1	97
91) Benzo(k)fluoranthene	23.386	252	719531m	16.413	ng/u1	
93) Benzo(a)pyrene	24.010	252	1392640	35.221	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.827	276	1194360	23.340	ng/u1#	96
95) Dibenzo(a,h)anthracene	26.833	278	320453	7.687	ng/u1#	80
96) Benzo(g,h,i)perylene	27.662	276	1176787	27.905	ng/u1	98

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

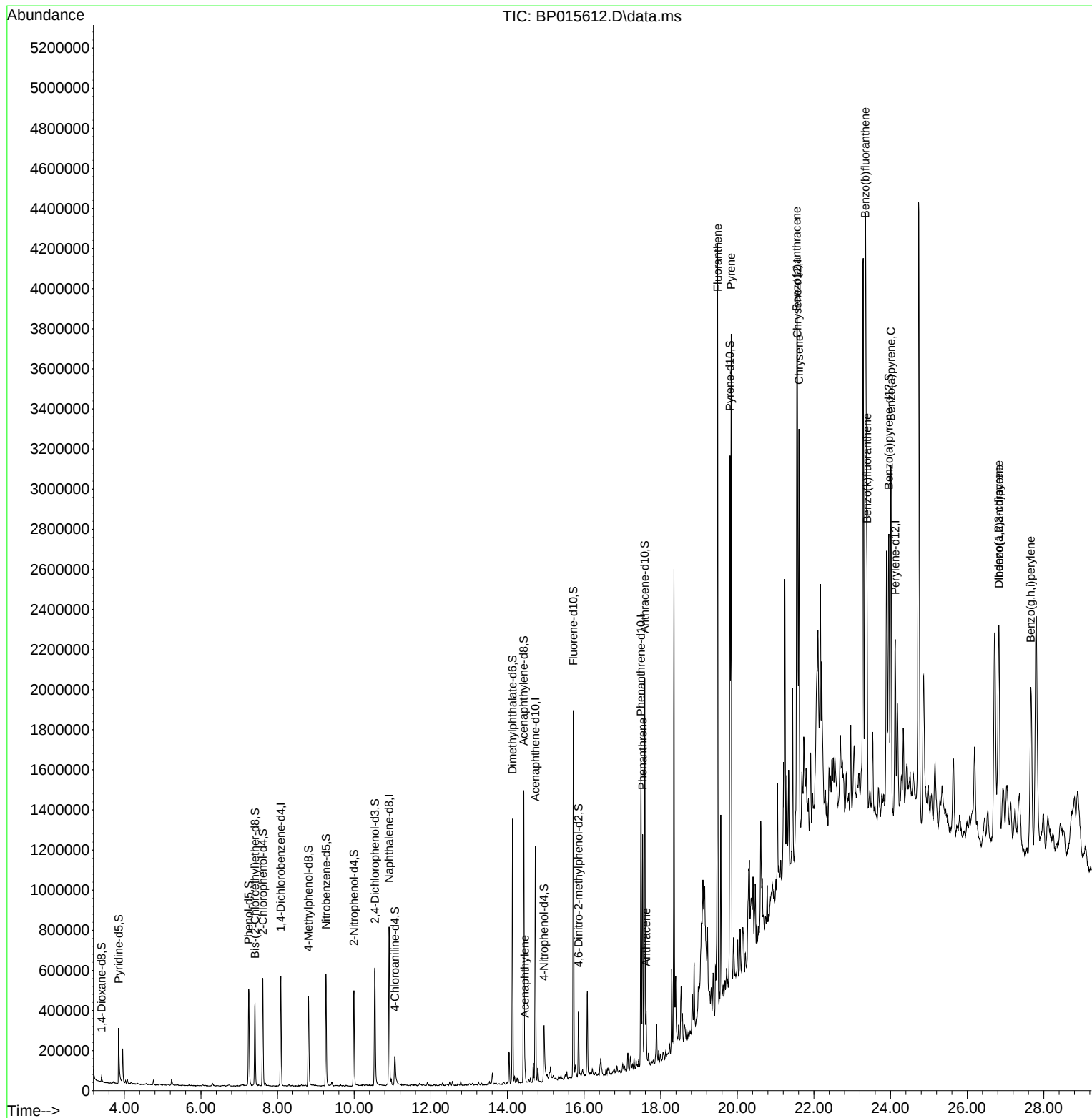
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 Data File : BP015612.D
 Acq On : 19 Jun 2023 20:02
 Operator : MA/JU
 Sample : 03080-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

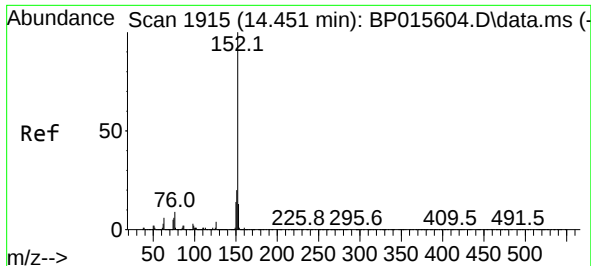
Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Jun 19 23:42:38 2023
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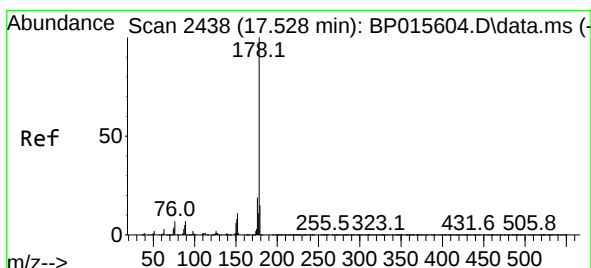
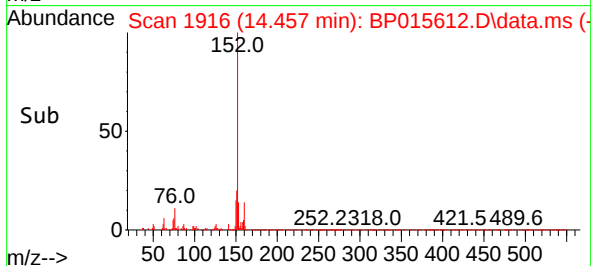
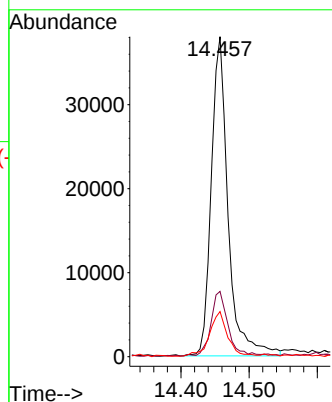
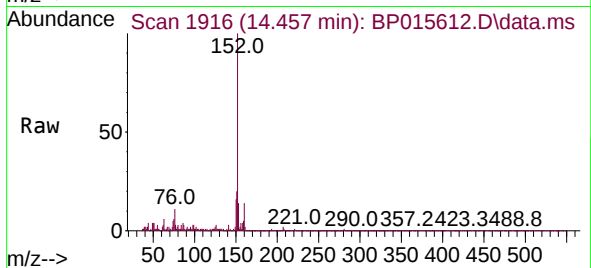
#50
Acenaphthylene
Concen: 1.772 ng/ul
RT: 14.457 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP015612.D
Acq: 19 Jun 2023 20:02

Instrument :
BNA_P
ClientSampleId :
DCFJ7

Tgt Ion:152 Resp: 6536
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.1 10.6 15.8

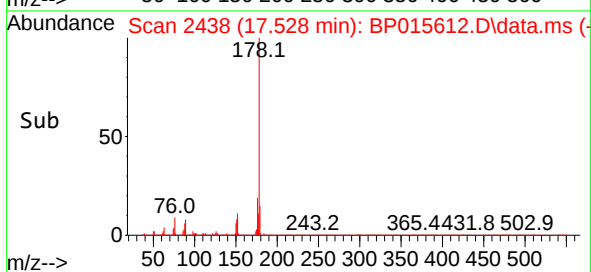
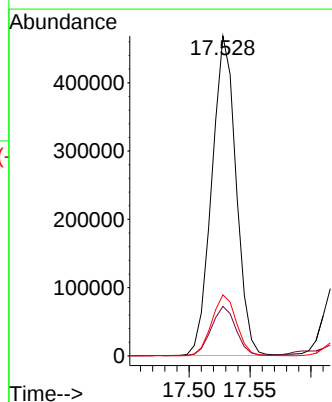
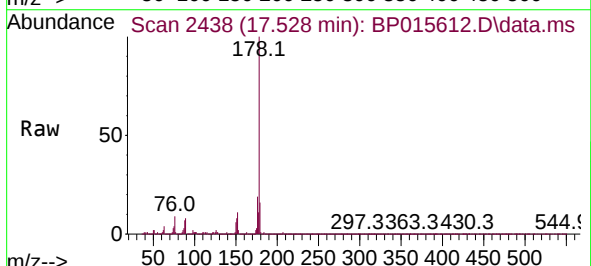
Manual Integrations
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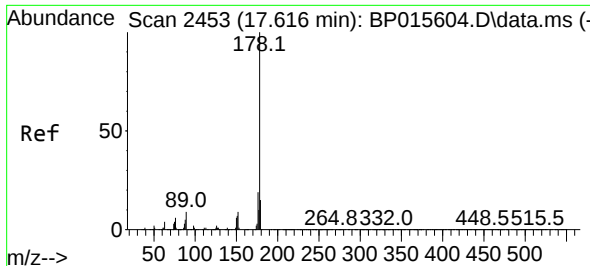
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/21/2023



#72
Phenanthrene
Concen: 14.199 ng/ul
RT: 17.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BP015612.D
Acq: 19 Jun 2023 20:02

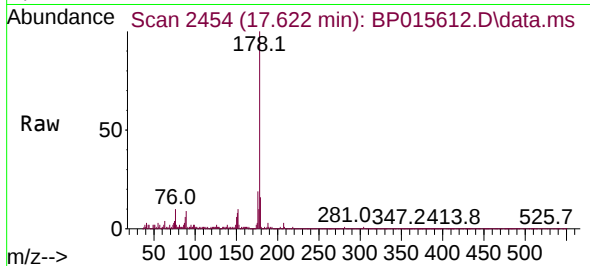
Tgt Ion:178 Resp: 648362
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.1 15.4 23.0





#74
 Anthracene
 Concen: 3.223 ng/ul
 RT: 17.622 min Scan# 2453
 Delta R.T. 0.000 min
 Lab File: BP015612.D
 Acq: 19 Jun 2023 20:02

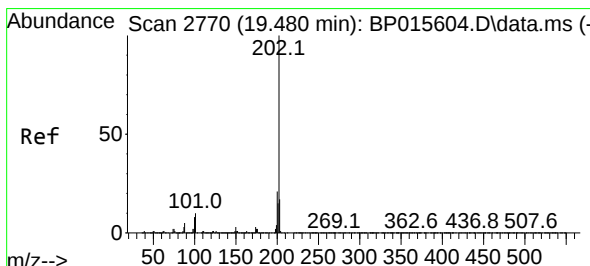
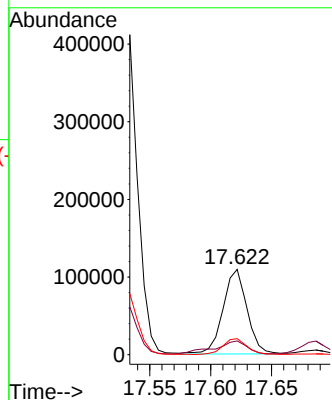
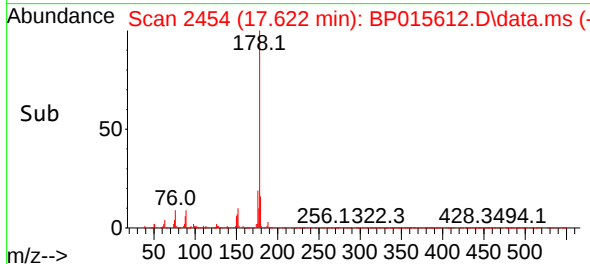
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ7



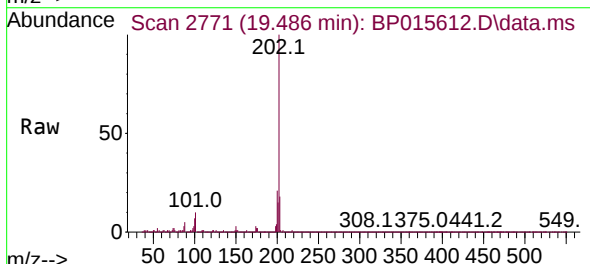
Tgt Ion:178 Resp: 149320
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.4 18.6
 176 18.7 15.0 22.4

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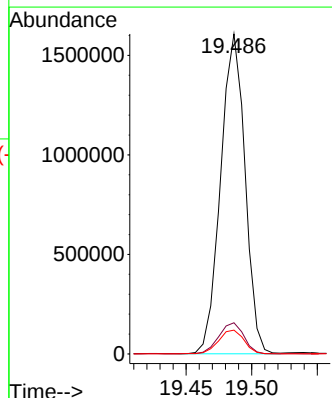
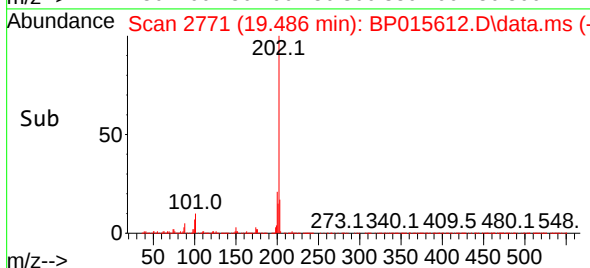
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023

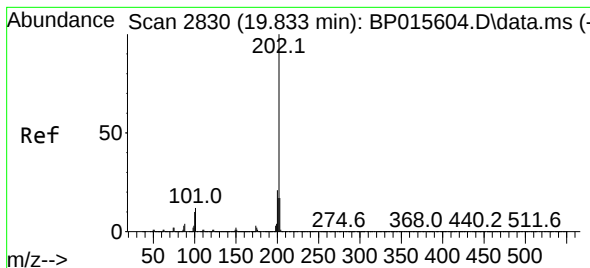


#80
 Fluoranthene
 Concen: 47.780 ng/ul
 RT: 19.486 min Scan# 2771
 Delta R.T. 0.000 min
 Lab File: BP015612.D
 Acq: 19 Jun 2023 20:02



Tgt Ion:202 Resp: 2076393
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.6 13.0
 100 7.5 6.6 9.8





#82

Pyrene

Concen: 40.106 ng/u1

RT: 19.839 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015612.D

Acq: 19 Jun 2023 20:02

Instrument :

BNA_P

ClientSampleId :

DCFJ7

Tgt Ion:202 Resp: 180320

Ion Ratio Lower Upper

202 100

101 11.4 9.9 14.9

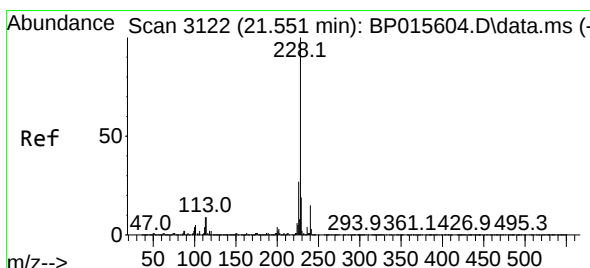
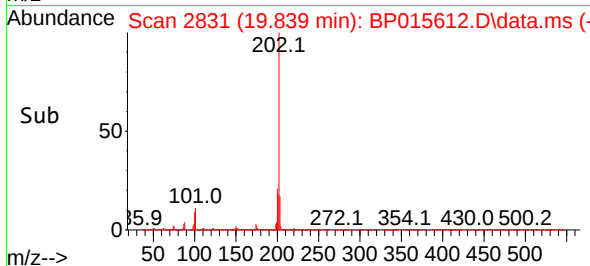
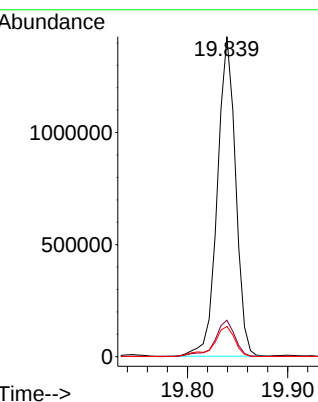
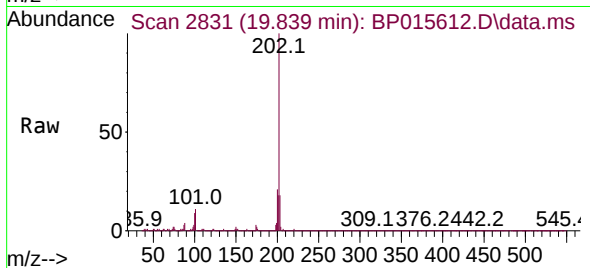
100 9.5 8.4 12.6

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Supervised By :mohammad ahmed 06/21/2023



#85

Benzo(a)anthracene

Concen: 24.202 ng/u1

RT: 21.551 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BP015612.D

Acq: 19 Jun 2023 20:02

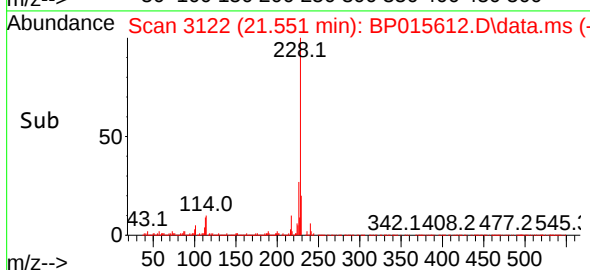
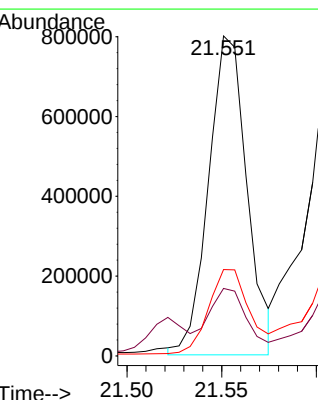
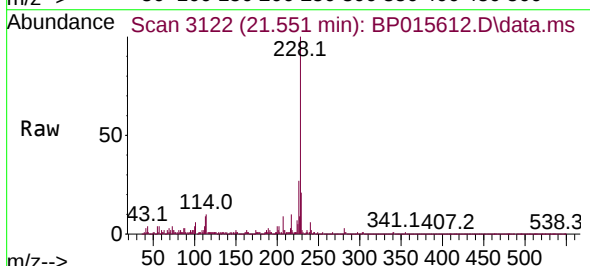
Tgt Ion:228 Resp: 1127817

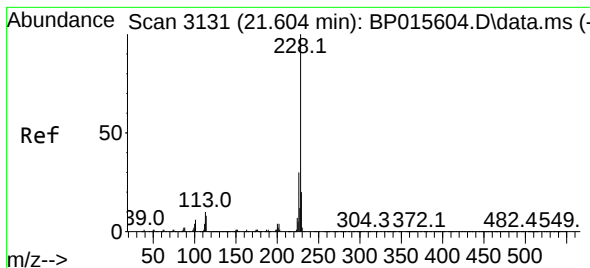
Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.6

226 27.0 21.8 32.6





#87

Chrysene

Concen: 27.740 ng/ul

RT: 21.610 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015612.D

Acq: 19 Jun 2023 20:02

Instrument :

BNA_P

ClientSampleId :

DCFJ7

Tgt Ion:228 Resp: 122186

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

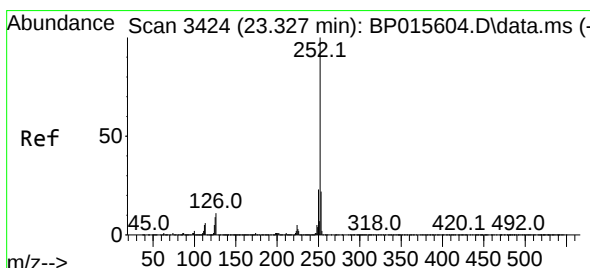
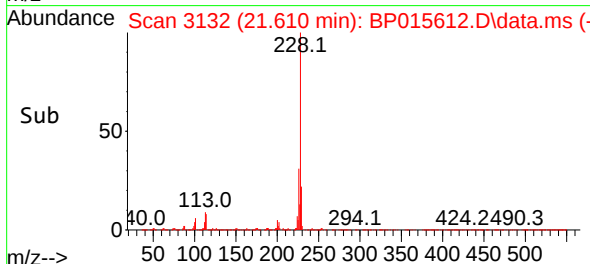
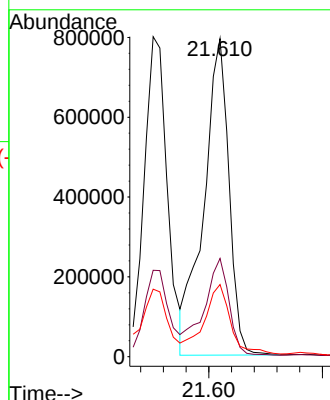
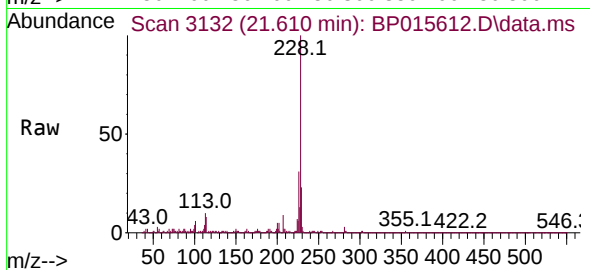
229 22.7 15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2023



#90

Benzo(b)fluoranthene

Concen: 42.626 ng/ul

RT: 23.339 min Scan# 3426

Delta R.T. 0.012 min

Lab File: BP015612.D

Acq: 19 Jun 2023 20:02

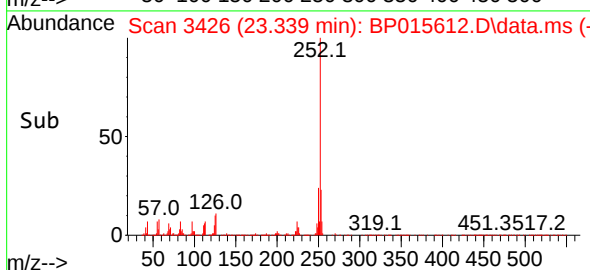
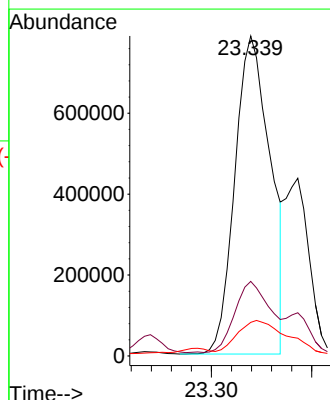
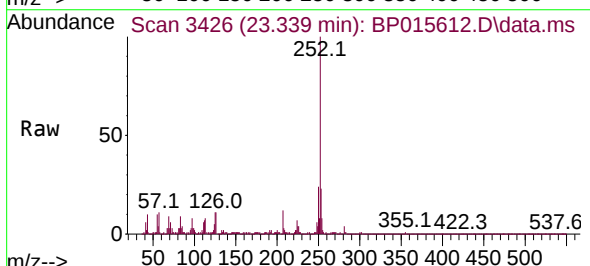
Tgt Ion:252 Resp: 1933182

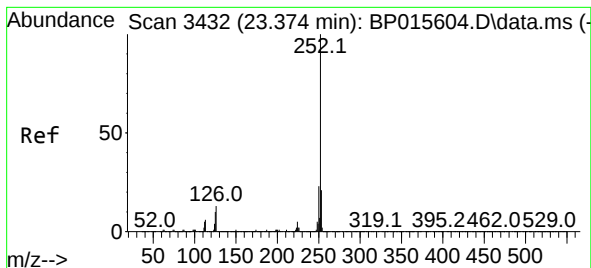
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 10.5 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 16.413 ng/ul m

RT: 23.386 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP015612.D

Acq: 19 Jun 2023 20:02

Instrument :

BNA_P

ClientSampleId :

DCFJ7

Tgt Ion:252 Resp: 71953

Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

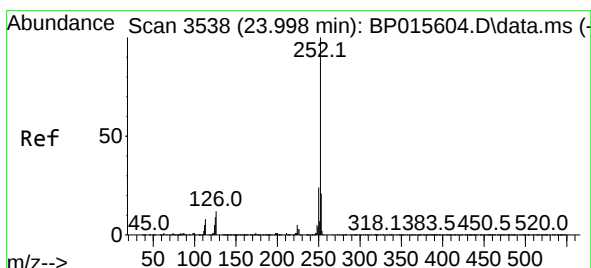
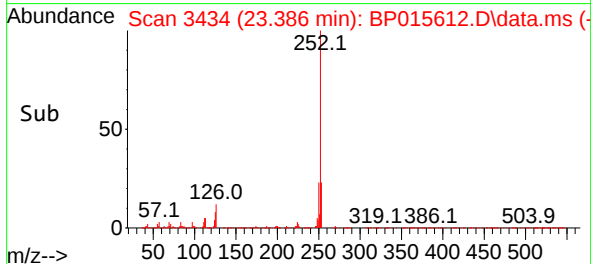
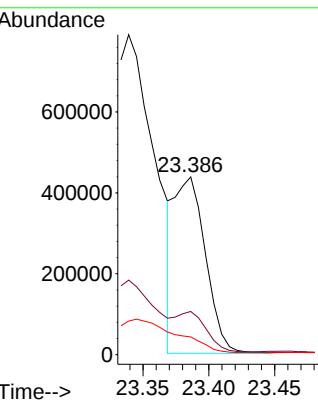
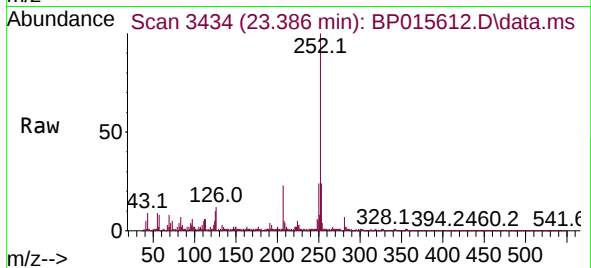
125 10.0 7.3 10.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/21/2023



#93

Benzo(a)pyrene

Concen: 35.221 ng/ul

RT: 24.010 min Scan# 3540

Delta R.T. 0.006 min

Lab File: BP015612.D

Acq: 19 Jun 2023 20:02

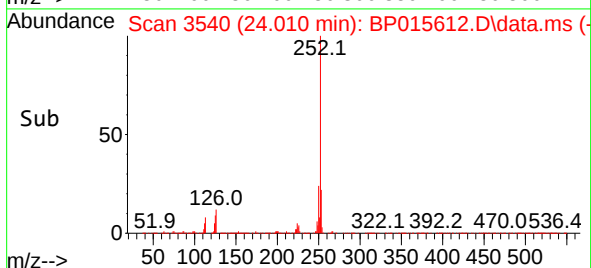
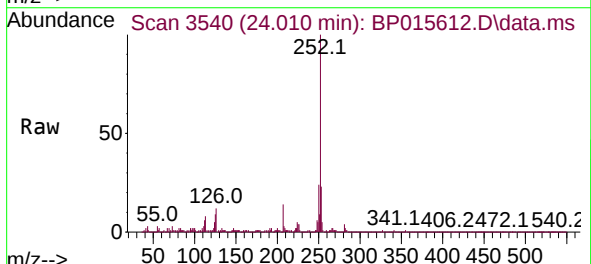
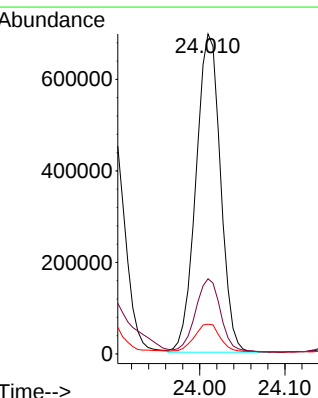
Tgt Ion:252 Resp: 1392640

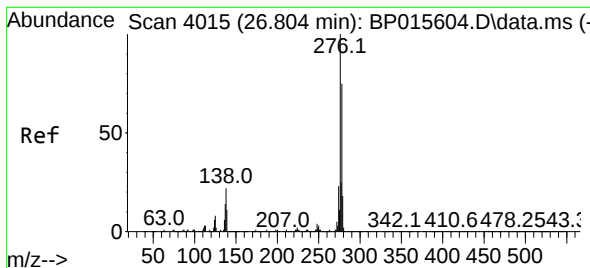
Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

125 9.3 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 23.340 ng/ul

RT: 26.827 min Scan# 4015

Delta R.T. 0.018 min

Lab File: BP015612.D

Acq: 19 Jun 2023 20:02

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:276 Resp: 1194360

Ion Ratio Lower Upper

276 100

138 17.2 17.3 25.9

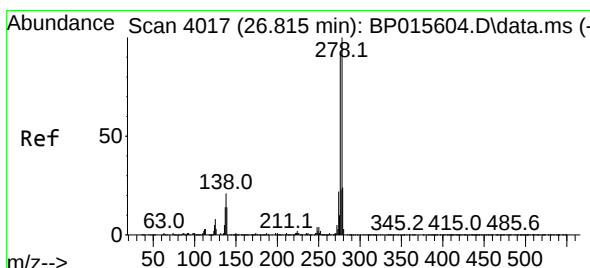
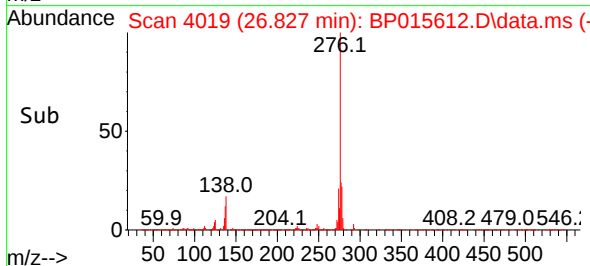
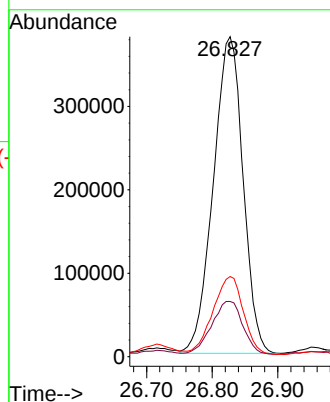
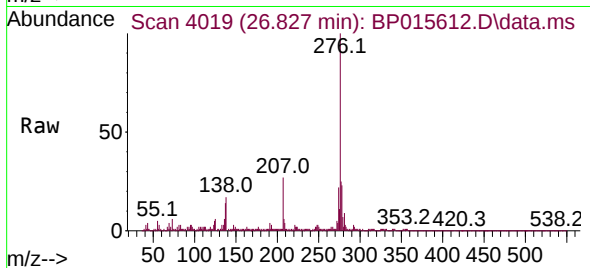
277 25.1 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/21/2023



#95

Dibenzo(a,h)anthracene

Concen: 7.687 ng/ul

RT: 26.833 min Scan# 4020

Delta R.T. 0.006 min

Lab File: BP015612.D

Acq: 19 Jun 2023 20:02

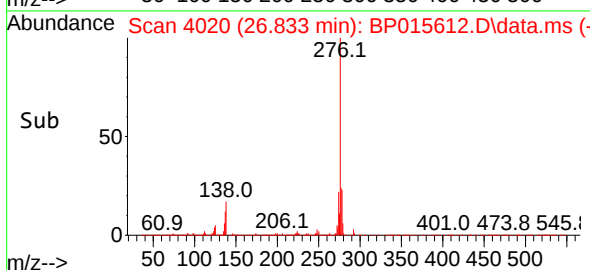
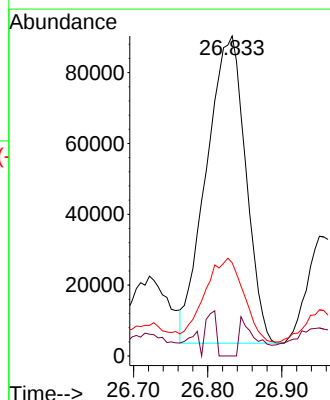
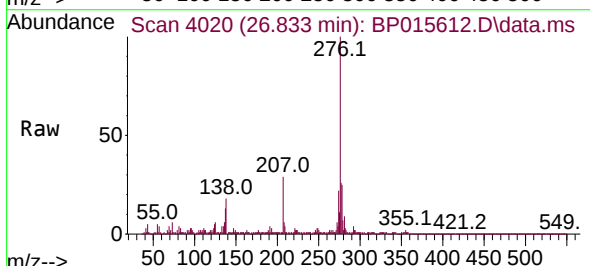
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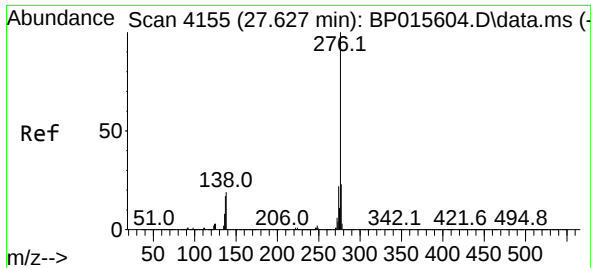
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

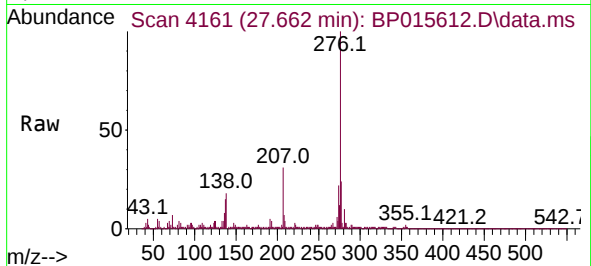
279 29.1 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 27.905 ng/ul
 RT: 27.662 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BP015612.D
 Acq: 19 Jun 2023 20:02

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ7



Tgt Ion:276 Resp: 117678
 Ion Ratio Lower Upper
 276 100
 138 18.0 15.6 23.4
 277 24.0 19.0 28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/21/2023

