

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015913.D
 Acq On : 02 Jul 2023 08:21
 Operator : MA/JU
 Sample : 03243-17
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 08:52:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	278289	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1220842	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	742437	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1509170	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	917696	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1056745	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	26084	3.372	ng/uL	0.00
4) Pyridine-d5	3.828	84	187882	9.636	ng/u1	0.01
7) Phenol-d5	7.234	99	483753	20.317	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	330025	22.403	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	392922	21.860	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	353637	18.800	ng/u1	0.01
21) Nitrobenzene-d5	9.240	128	193761	20.767	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	215574	19.797	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	351184	18.098	ng/u1	0.03
31) 4-Chloroaniline-d4	11.057	131	213461	8.563	ng/u1	0.03
46) Dimethylphthalate-d6	14.110	166	1205442	21.006	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	1378723	21.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	138599m	18.302	ng/u1	0.04
60) Fluorene-d10	15.698	176	1033166	21.866	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	94258	10.156	ng/u1	0.01
73) Anthracene-d10	17.563	188	1493976	21.672	ng/u1	0.00
81) Pyrene-d10	19.786	212	1438657	24.008	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1164517	21.845	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.504	178	485079	5.917	ng/u1	98
74) Anthracene	17.598	178	113974m	1.383	ng/u1	
80) Fluoranthene	19.463	202	851840	11.438	ng/u1#	94
82) Pyrene	19.816	202	673637	8.867	ng/u1#	90
85) Benzo(a)anthracene	21.533	228	408788	6.332	ng/u1	98
87) Chrysene	21.592	228	463909	7.574	ng/u1	97
90) Benzo(b)fluoranthene	23.310	252	848776	12.500	ng/u1#	91
91) Benzo(k)fluoranthene	23.357	252	271247m	3.954	ng/u1	
93) Benzo(a)pyrene	23.980	252	516289	8.702	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	26.798	276	518781	6.441	ng/u1	97
95) Dibenzo(a,h)anthracene	26.792	278	142137	2.149	ng/u1#	80
96) Benzo(g,h,i)perylene	27.633	276	486235	7.338	ng/u1#	92

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

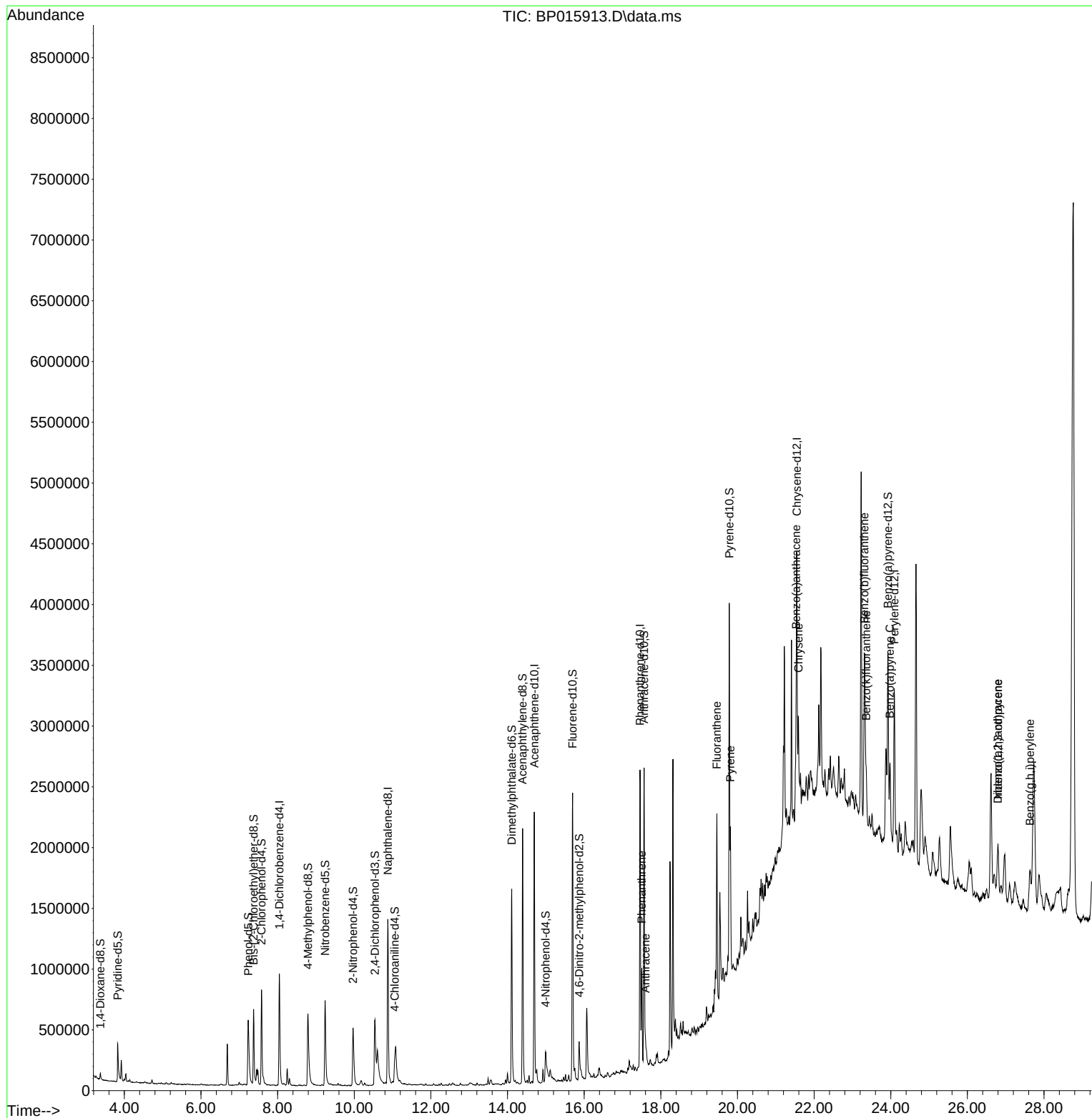
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015913.D
Acq On : 02 Jul 2023 08:21
Operator : MA/JU
Sample : 03243-17
Misc :
ALS Vial : 80 Sample Multiplier: 1

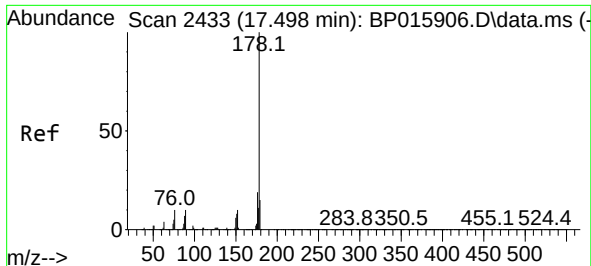
Instrument :
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ClientSampleId :
DCGD7

Quant Time: Jul 02 08:52:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

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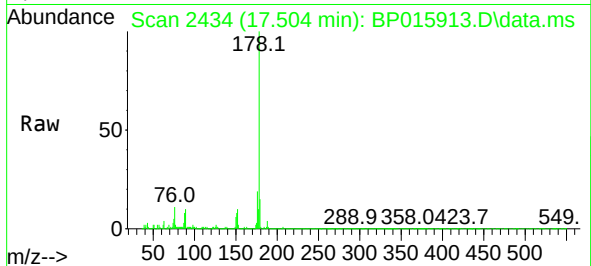
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023





#72
Phenanthrene
Concen: 5.917 ng/ul
RT: 17.504 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP015913.D
Acq: 02 Jul 2023 08:21

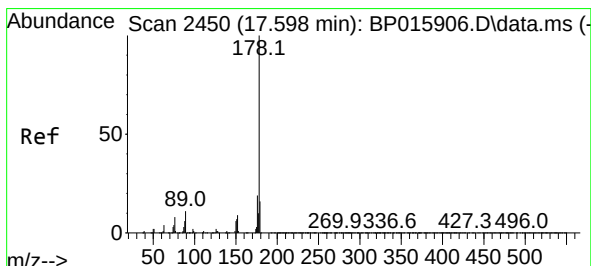
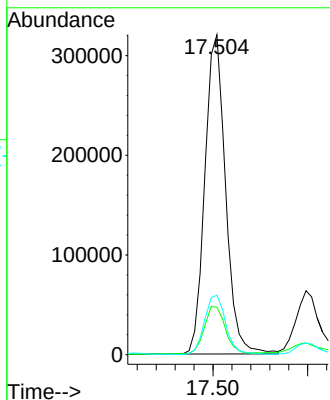
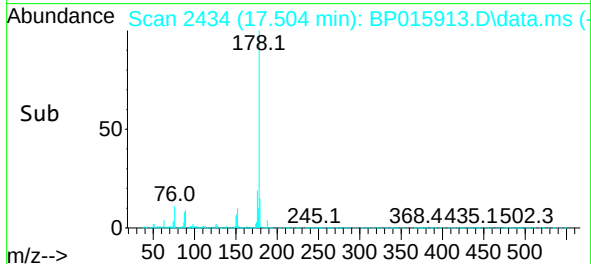
Instrument :
BNA_P
ClientSampleId :
DCGD7



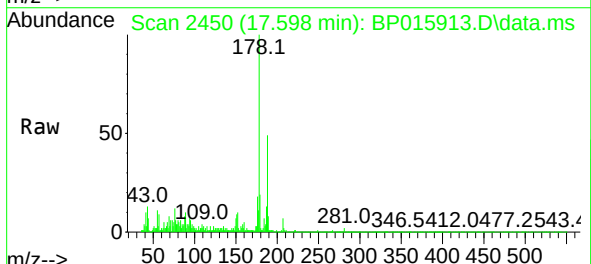
Tgt Ion:178 Resp: 485079
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 18.6 15.6 23.4

Manual Integrations
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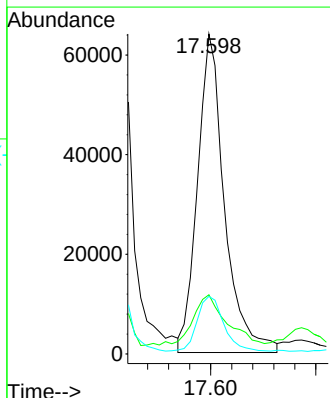
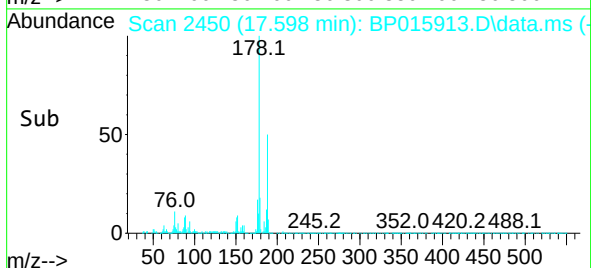
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

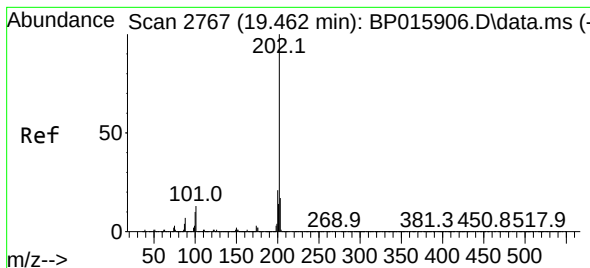


#74
Anthracene
Concen: 1.383 ng/ul m
RT: 17.598 min Scan# 2450
Delta R.T. 0.000 min
Lab File: BP015913.D
Acq: 02 Jul 2023 08:21



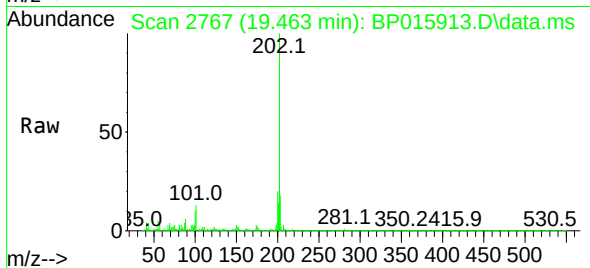
Tgt Ion:178 Resp: 113974
Ion Ratio Lower Upper
178 100
179 18.5 12.1 18.1#
176 18.0 14.6 22.0





#80
Fluoranthene
Concen: 11.438 ng/u1
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015913.D
Acq: 02 Jul 2023 08:21

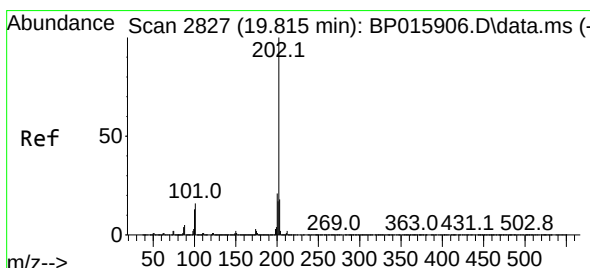
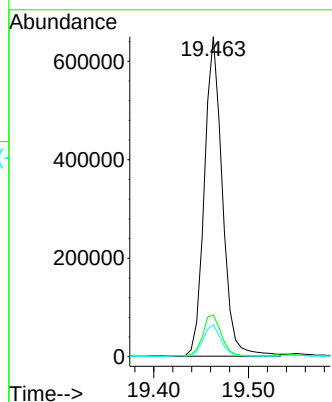
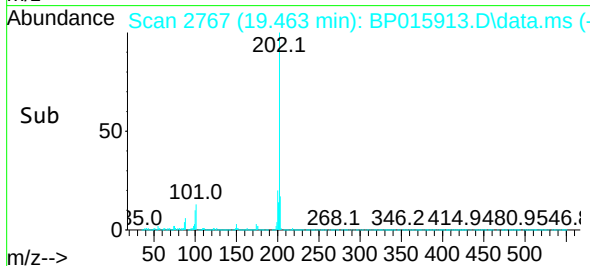
Instrument :
BNA_P
ClientSampleId :
DCGD7



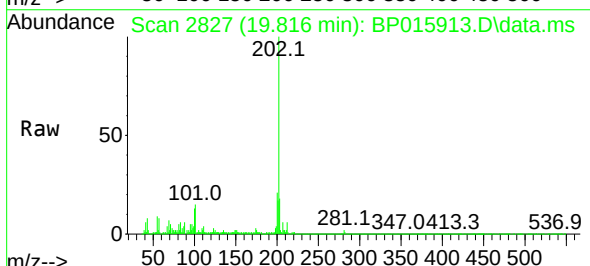
Tgt Ion:202 Resp: 851840
Ion Ratio Lower Upper
202 100
101 13.1 8.3 12.5
100 9.9 6.6 9.8

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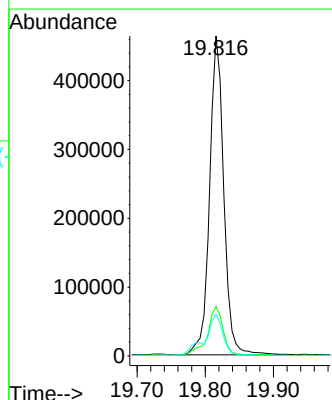
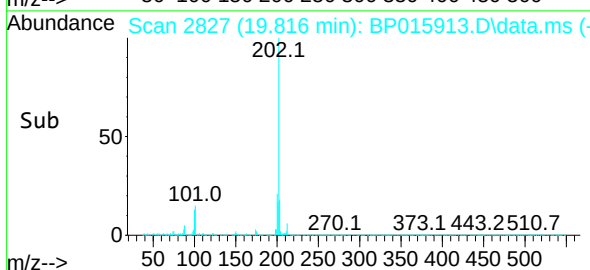
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :mohammad ahmed 07/03/2023

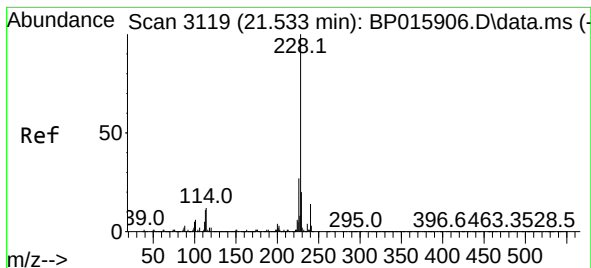


#82
Pyrene
Concen: 8.867 ng/u1
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015913.D
Acq: 02 Jul 2023 08:21



Tgt Ion:202 Resp: 673637
Ion Ratio Lower Upper
202 100
101 15.5 9.3 13.9#
100 13.0 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 6.332 ng/u1

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015913.D

Acq: 02 Jul 2023 08:21

Instrument :

BNA_P

ClientSampleId :

DCGD7

Tgt Ion:228 Resp: 408788

Ion Ratio Lower Upper

228 100

229 21.8 15.3 22.9

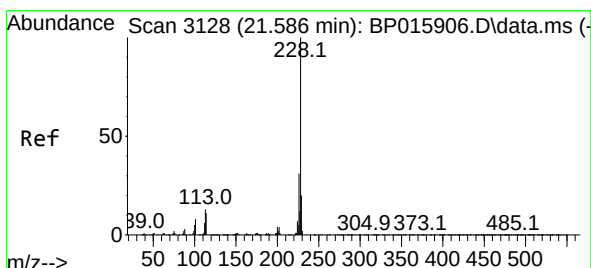
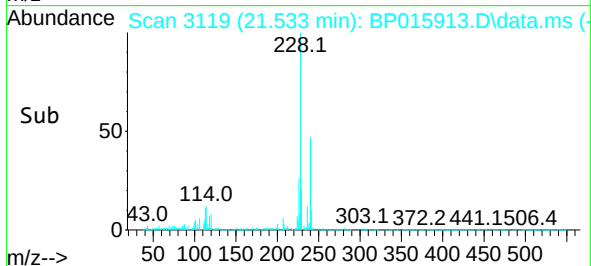
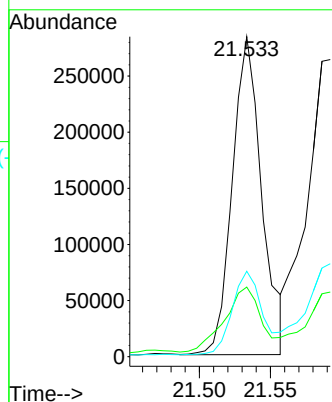
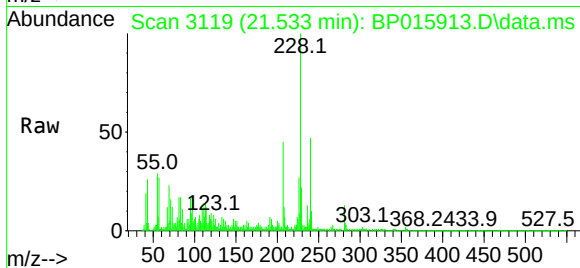
226 26.7 21.4 32.0

Manual Integrations

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#87

Chrysene

Concen: 7.574 ng/u1

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015913.D

Acq: 02 Jul 2023 08:21

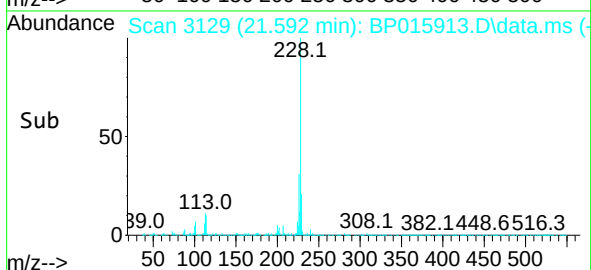
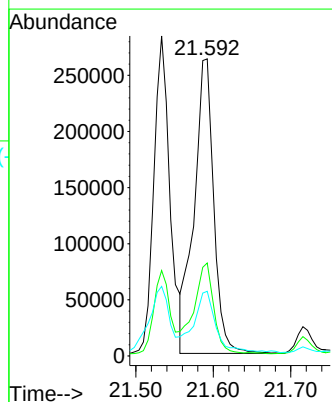
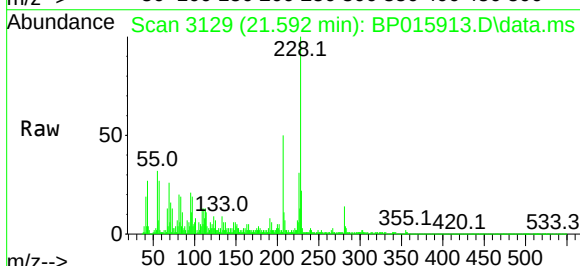
Tgt Ion:228 Resp: 463909

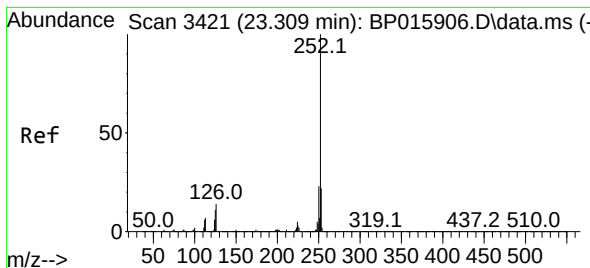
Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 21.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 12.500 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015913.D

Acq: 02 Jul 2023 08:21

Instrument :

BNA_P

ClientSampleId :

DCGD7

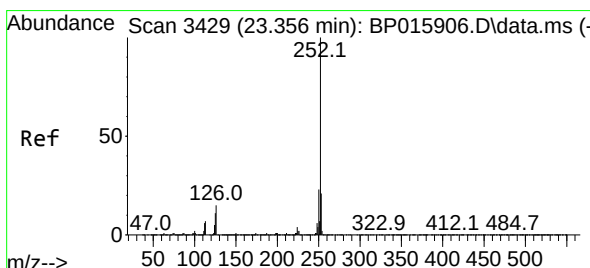
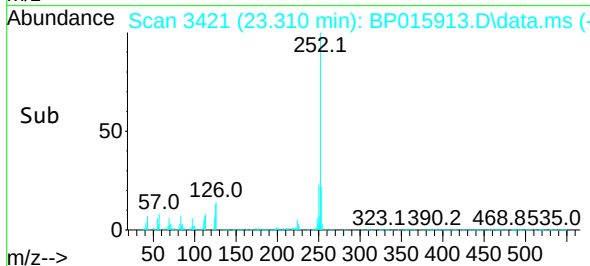
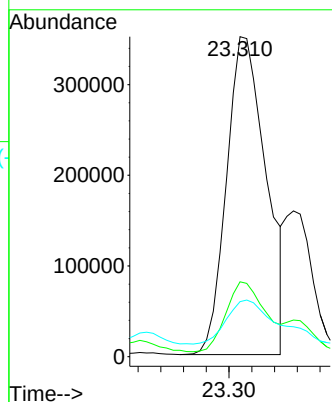
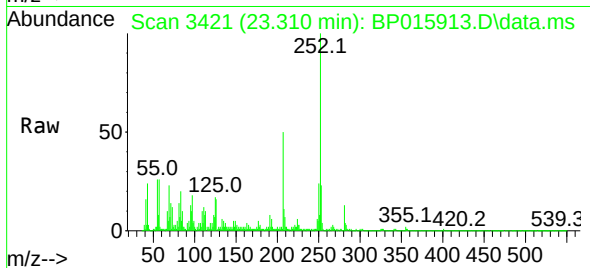
Tgt Ion:252 Resp: 848770
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.3 25.9
 125 17.2 7.5 11.3

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 3.954 ng/ul m

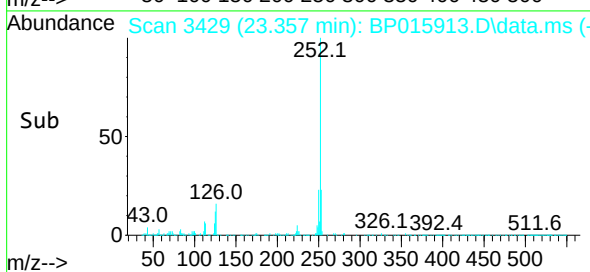
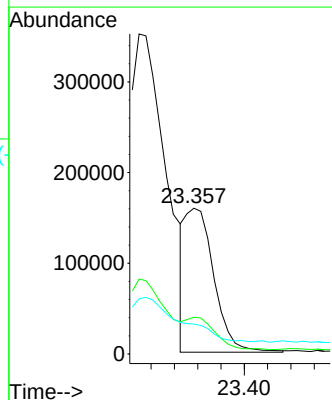
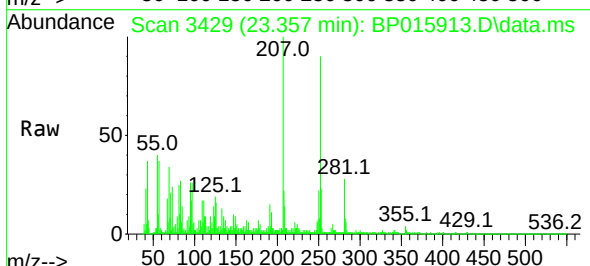
RT: 23.357 min Scan# 3429

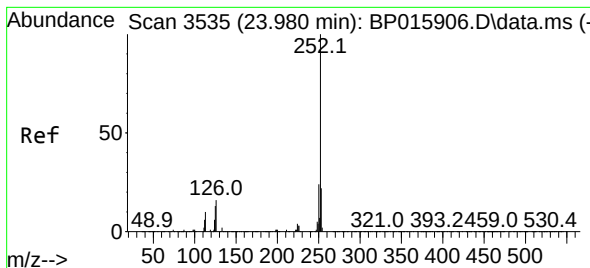
Delta R.T. 0.000 min

Lab File: BP015913.D

Acq: 02 Jul 2023 08:21

Tgt Ion:252 Resp: 271247
 Ion Ratio Lower Upper
 252 100
 253 25.1 17.0 25.4
 125 20.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 8.702 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015913.D

Acq: 02 Jul 2023 08:21

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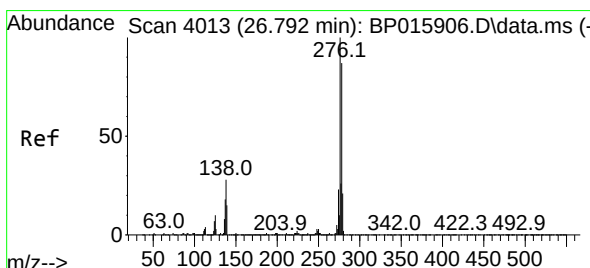
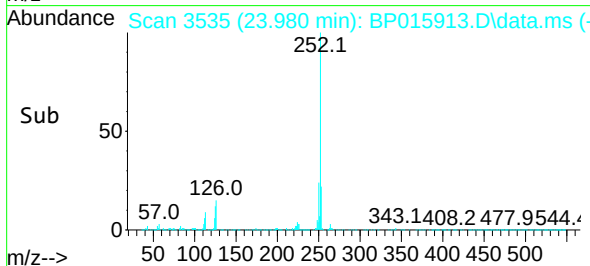
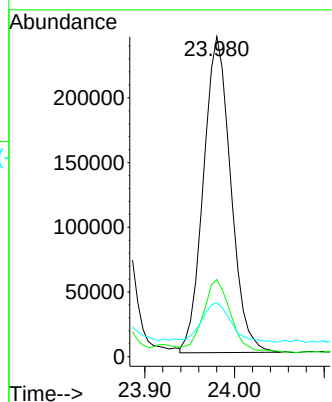
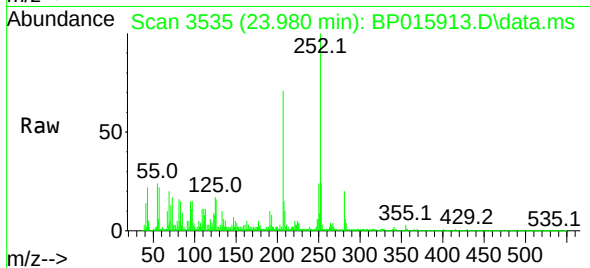
Tgt Ion:252 Resp: 516289
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.7 26.5
 125 16.9 8.2 12.2

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.441 ng/ul

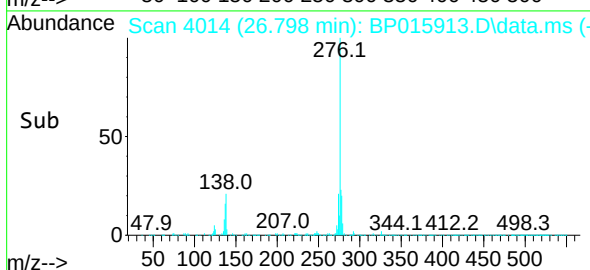
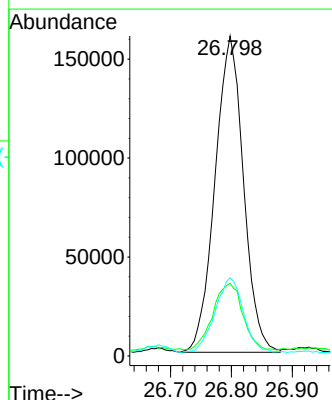
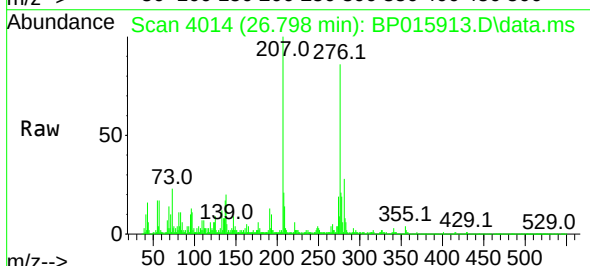
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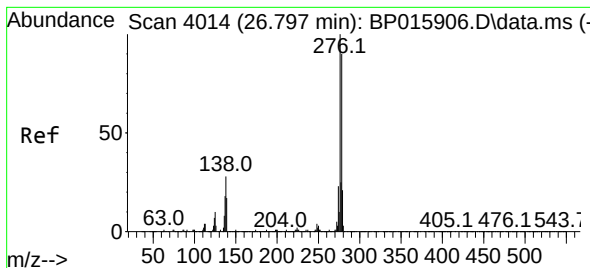
Delta R.T. 0.006 min

Lab File: BP015913.D

Acq: 02 Jul 2023 08:21

Tgt Ion:276 Resp: 518781
 Ion Ratio Lower Upper
 276 100
 138 22.7 15.7 23.5
 277 24.4 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 2.149 ng/ul

RT: 26.792 min Scan# 4014

Delta R.T. -0.006 min

Lab File: BP015913.D

Acq: 02 Jul 2023 08:21

Instrument :

BNA_P

ClientSampleId :

DCGD7

Tgt Ion:278 Resp: 14213

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

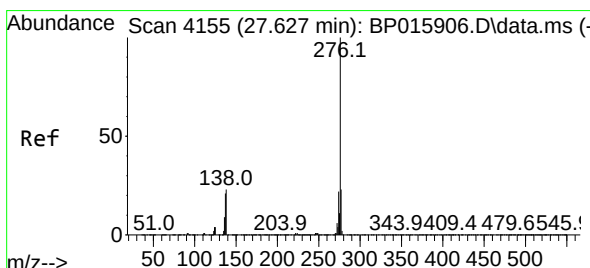
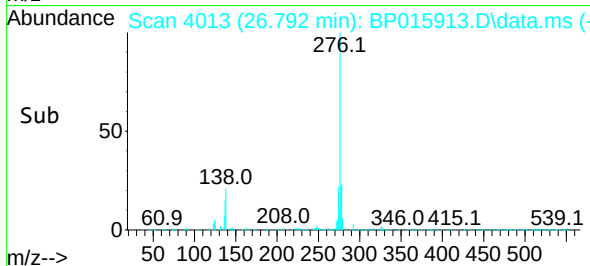
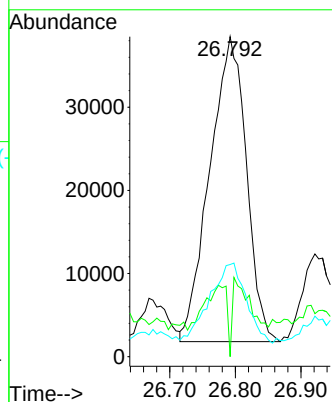
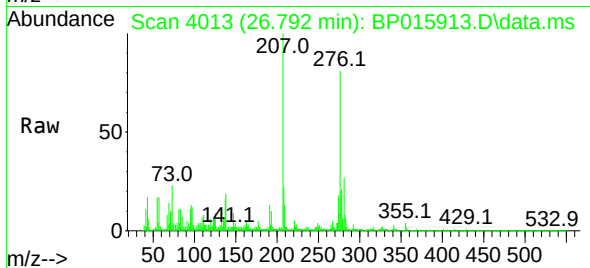
279 28.8 18.4 27.6

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 7.338 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. 0.006 min

Lab File: BP015913.D

Acq: 02 Jul 2023 08:21

Tgt Ion:276 Resp: 486235

Ion Ratio Lower Upper

276 100

138 24.3 15.1 22.7

277 25.6 18.8 28.2

