

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015915.D
 Acq On : 02 Jul 2023 09:29
 Operator : MA/JU
 Sample : 03243-20
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE0

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 13:03:35 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	248070	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1050245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	569963	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1019075	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	840444	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1019446	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	32706	4.743	ng/uL	0.00
4) Pyridine-d5	3.834	84	114648	6.596	ng/ul	0.02
7) Phenol-d5	7.234	99	611557	28.813	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	417094	31.763	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	498568	31.117	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	477236	28.462	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	241146	30.044	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	264450	28.230	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.539	165	417629	25.018	ng/ul	0.03
31) 4-Chloroaniline-d4	11.051	131	370084	17.258	ng/ul	0.02
46) Dimethylphthalate-d6	14.110	166	1304799	29.618	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1490082	30.089	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	117065m	20.137	ng/ul	0.05
60) Fluorene-d10	15.698	176	1027329	28.321	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	88580	14.134	ng/ul	0.02
73) Anthracene-d10	17.563	188	1348431	28.968	ng/ul	0.00
81) Pyrene-d10	19.792	212	1484364	27.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1534740	29.844	ng/ul	0.00
Target Compounds						
						Qvalue
50) Acenaphthylene	14.428	152	123025	2.255	ng/ul	99
74) Anthracene	17.610	178	186043	3.344	ng/ul	99
80) Fluoranthene	19.468	202	221537	3.248	ng/ul#	94
82) Pyrene	19.815	202	291679	4.192	ng/ul#	87
85) Benzo(a)anthracene	21.533	228	266715	4.511	ng/ul	95
87) Chrysene	21.592	228	474793	8.465	ng/ul	96
90) Benzo(b)fluoranthene	23.309	252	1258964	19.220	ng/ul#	93
91) Benzo(k)fluoranthene	23.356	252	364776m	5.512	ng/ul	
93) Benzo(a)pyrene	23.980	252	655236	11.448	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	754419	9.709	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.786	278	214884	3.367	ng/ul#	83
96) Benzo(g,h,i)perylene	27.633	276	676605	10.585	ng/ul#	95

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

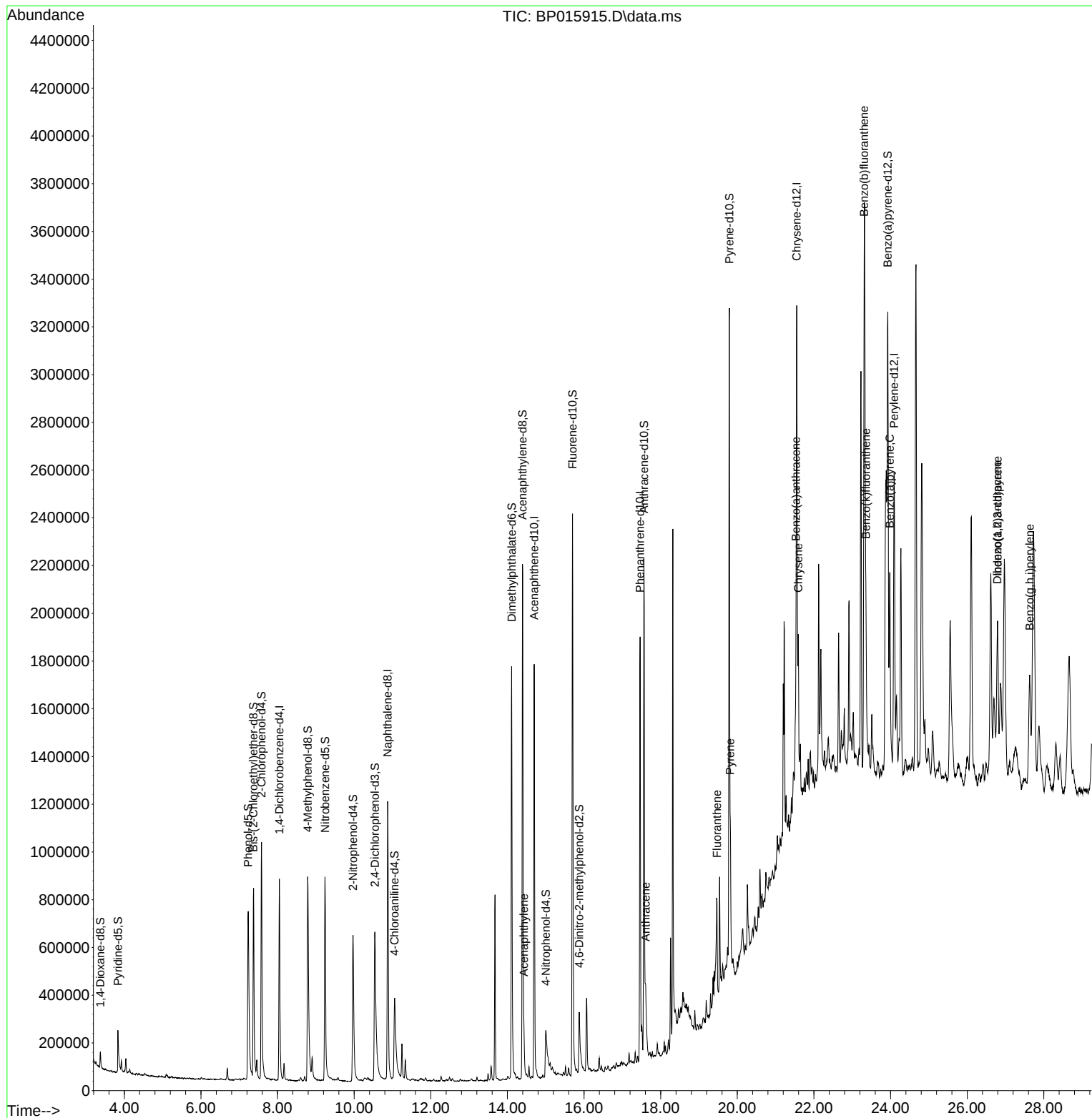
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015915.D
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 Sample : 03243-20
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

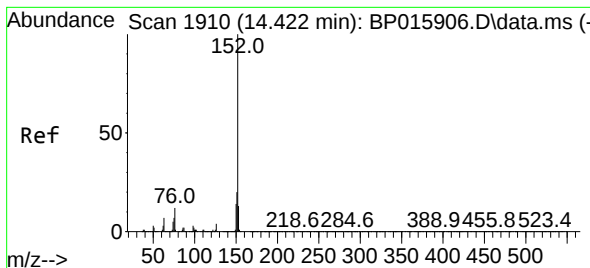
Instrument :
 BNA_P
 ClientSampleId :
 DCGE0

Quant Time: Jul 02 13:03:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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#50

Acenaphthylene

Concen: 2.255 ng/ul

RT: 14.428 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BP015915.D

Acq: 02 Jul 2023 09:29

Instrument :

BNA_P

ClientSampleId :

DCGE0

Tgt Ion:152 Resp: 123029

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

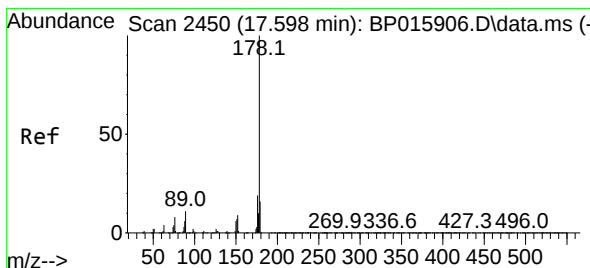
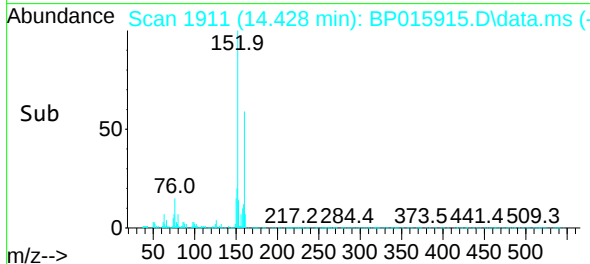
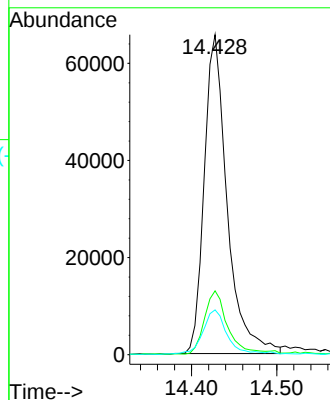
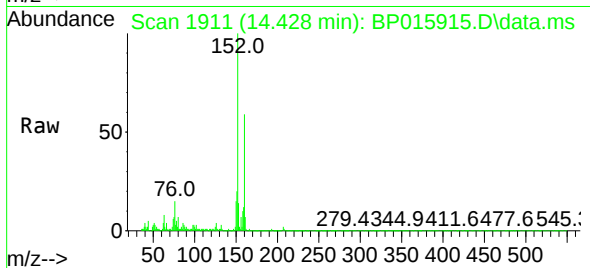
153 14.0 10.5 15.7

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#74

Anthracene

Concen: 3.344 ng/ul

RT: 17.610 min Scan# 2452

Delta R.T. 0.012 min

Lab File: BP015915.D

Acq: 02 Jul 2023 09:29

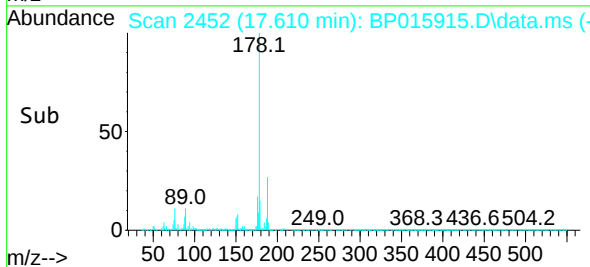
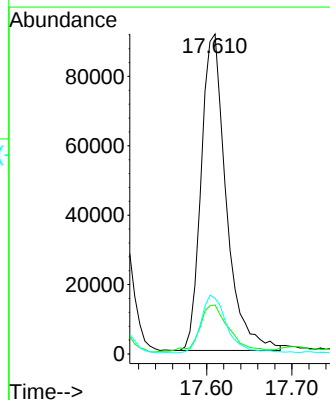
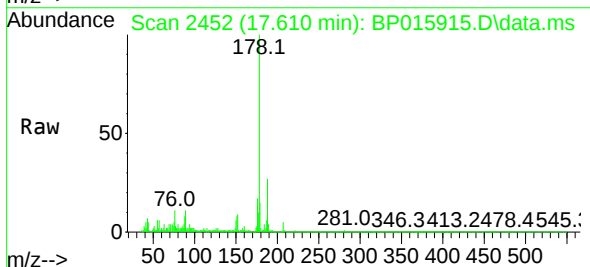
Tgt Ion:178 Resp: 186043

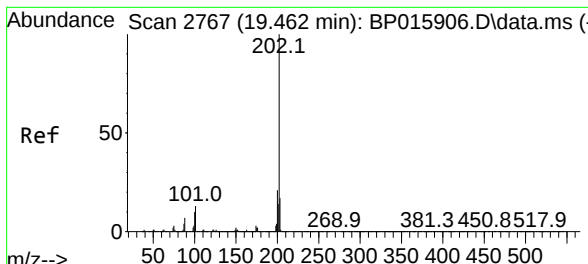
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 17.4 14.6 22.0





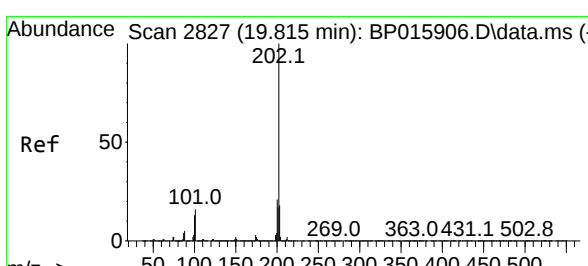
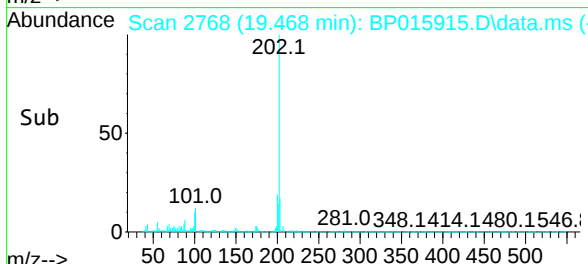
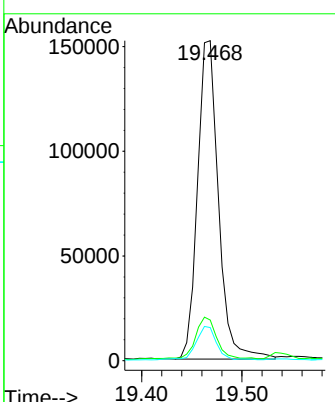
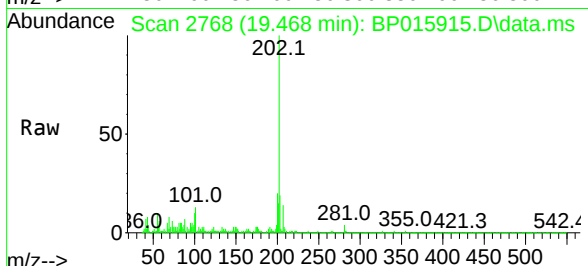
#80
 Fluoranthene
 Concen: 3.248 ng/ul
 RT: 19.468 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP015915.D
 Acq: 02 Jul 2023 09:29

Instrument :
 BNA_P
 ClientSampleId :
 DCGE0

Tgt Ion: 202 Resp: 22153

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.3	12.5
100	10.4	6.6	9.8

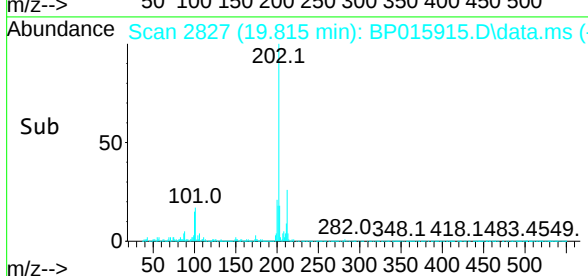
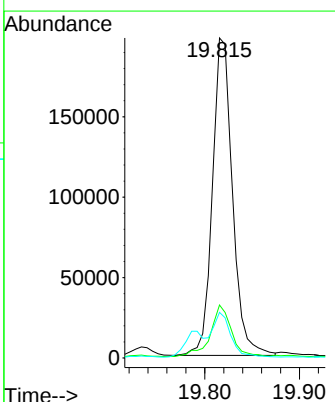
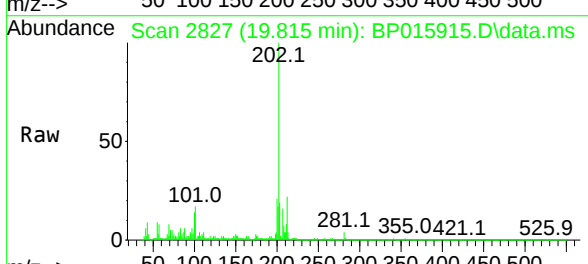
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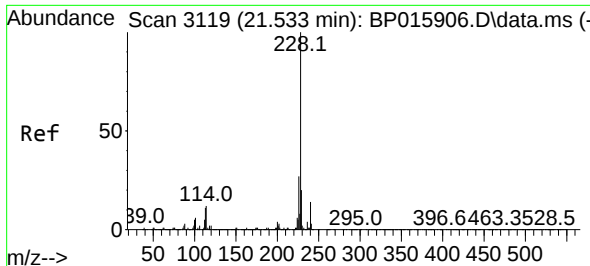


#82
 Pyrene
 Concen: 4.192 ng/ul
 RT: 19.815 min Scan# 2827
 Delta R.T. 0.000 min
 Lab File: BP015915.D
 Acq: 02 Jul 2023 09:29

Tgt Ion: 202 Resp: 291679

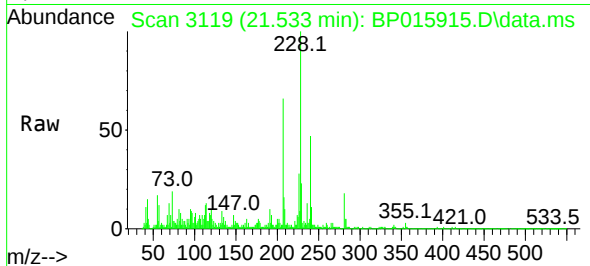
Ion	Ratio	Lower	Upper
202	100		
101	16.5	9.3	13.9
100	14.2	7.6	11.4





#85
Benzo(a)anthracene
Concen: 4.511 ng/u1
RT: 21.533 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP015915.D
Acq: 02 Jul 2023 09:29

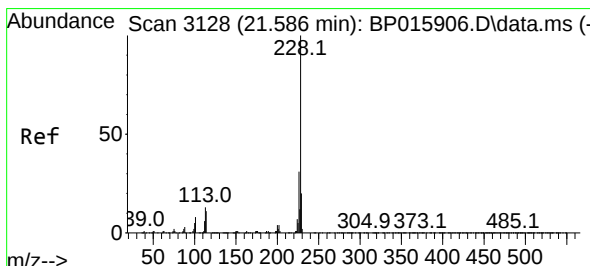
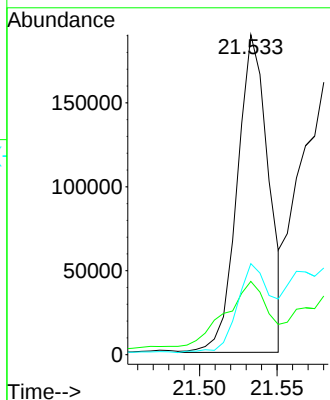
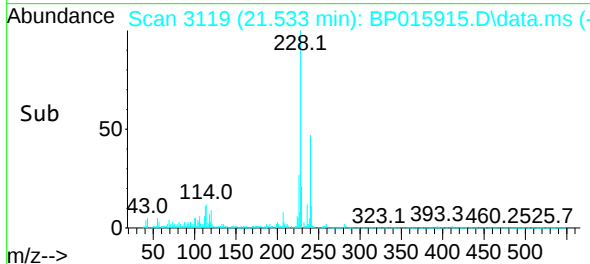
Instrument :
BNA_P
ClientSampleId :
DCGE0



Tgt Ion:228 Resp: 266715
Ion Ratio Lower Upper
228 100
229 22.9 15.3 22.9
226 28.4 21.4 32.0

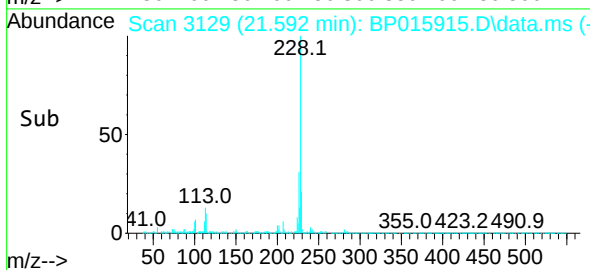
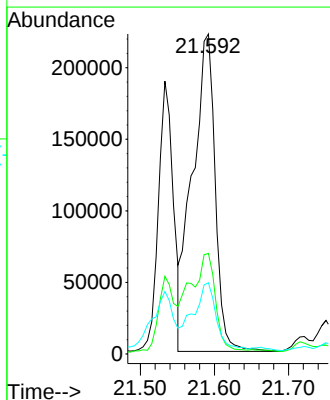
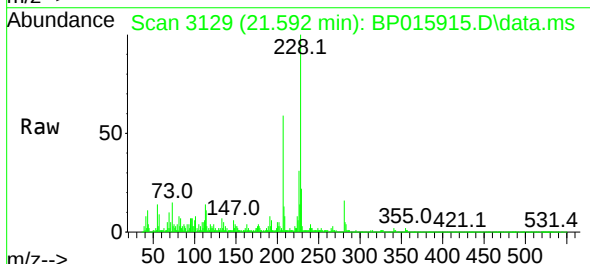
Manual Integrations
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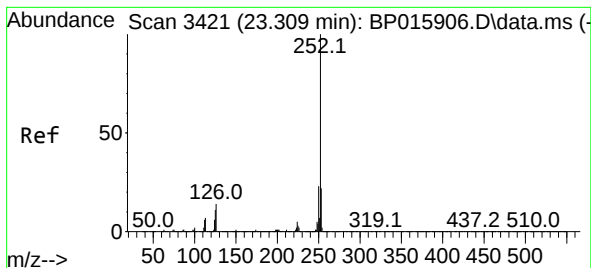
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#87
Chrysene
Concen: 8.465 ng/u1
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015915.D
Acq: 02 Jul 2023 09:29

Tgt Ion:228 Resp: 474793
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 22.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 19.220 ng/ul

RT: 23.309 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015915.D

Acq: 02 Jul 2023 09:29

Instrument :

BNA_P

ClientSampleId :

DCGE0

Tgt Ion:252 Resp: 1258964

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

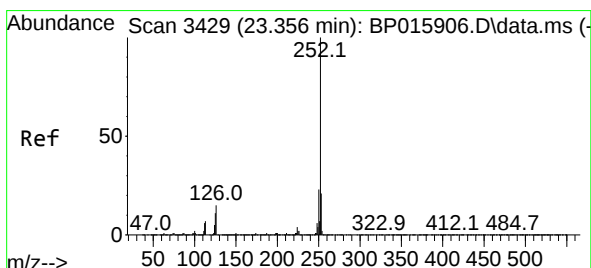
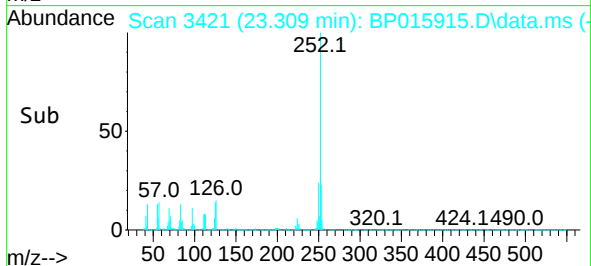
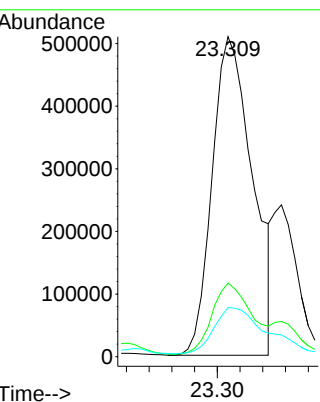
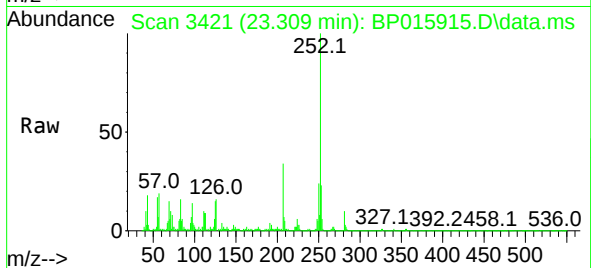
125 15.4 7.5 11.3

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#91

Benzo(k)fluoranthene

Concen: 5.512 ng/ul m

RT: 23.356 min Scan# 3429

Delta R.T. 0.000 min

Lab File: BP015915.D

Acq: 02 Jul 2023 09:29

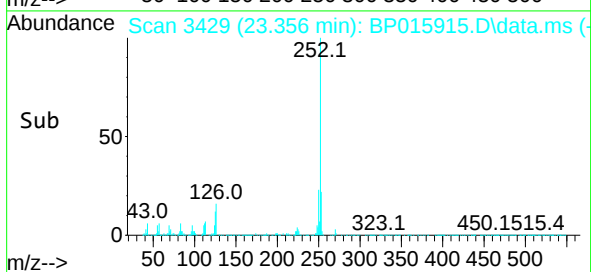
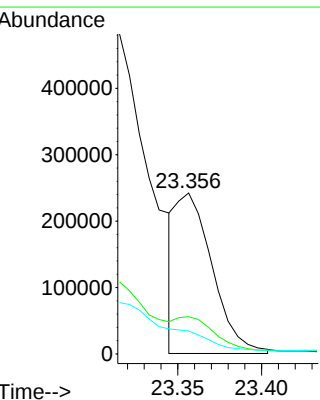
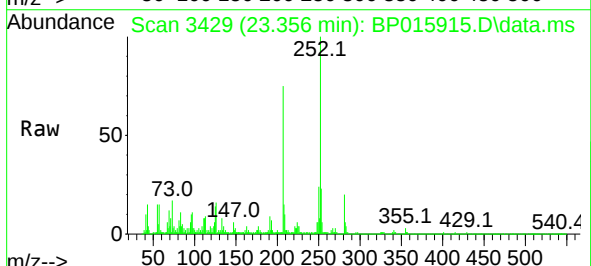
Tgt Ion:252 Resp: 364776

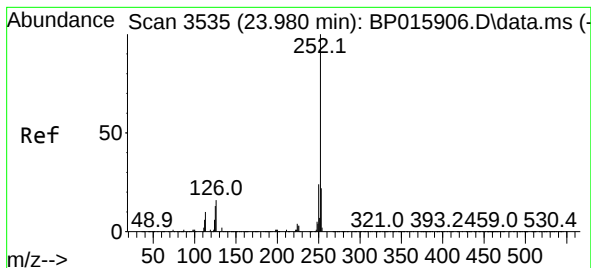
Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.4

125 14.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 11.448 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015915.D

Acq: 02 Jul 2023 09:29

Instrument :

BNA_P

ClientSampleId :

DCGE0

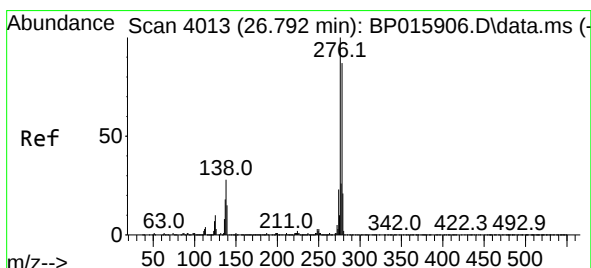
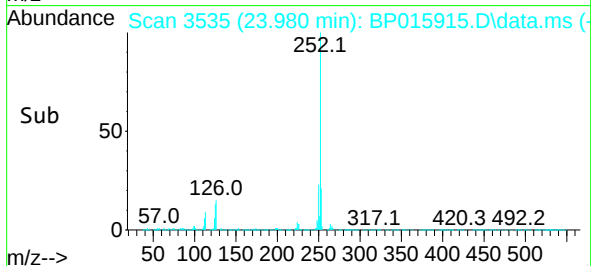
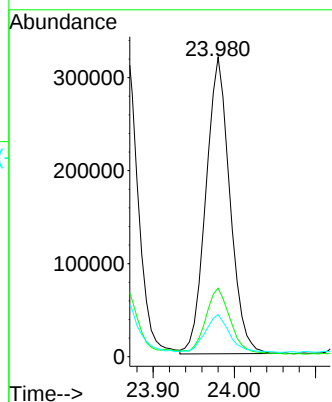
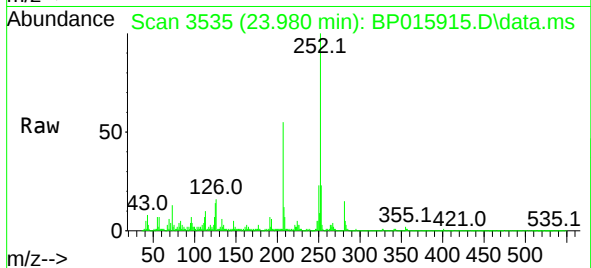
Tgt Ion:	252	Resp:	655230
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	14.1	8.2	12.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.709 ng/ul

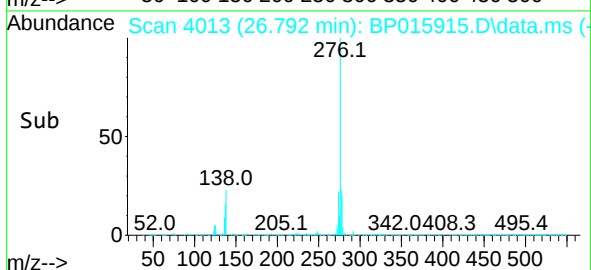
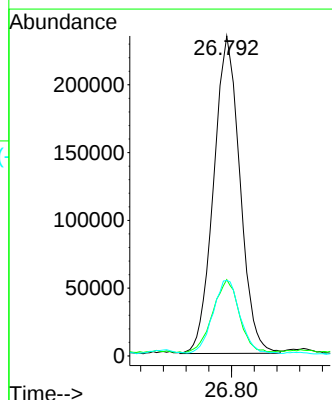
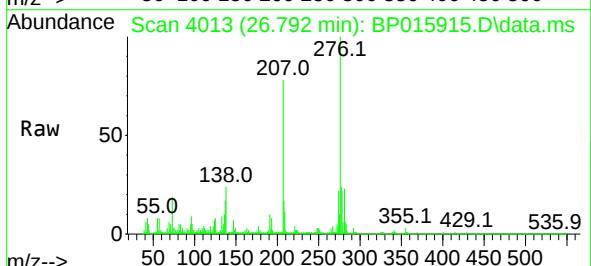
RT: 26.792 min Scan# 4013

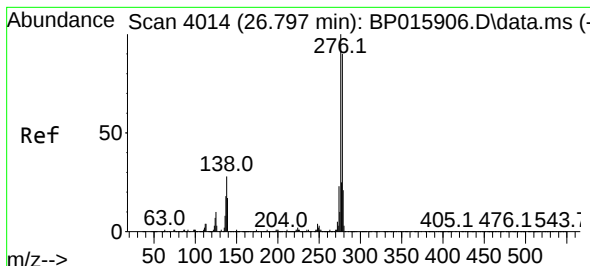
Delta R.T. 0.000 min

Lab File: BP015915.D

Acq: 02 Jul 2023 09:29

Tgt Ion:	276	Resp:	754419
Ion Ratio	Lower	Upper	
276	100		
138	23.9	15.7	23.5
277	23.6	19.6	29.4





#95

Dibenzo(a,h)anthracene

Concen: 3.367 ng/ul

RT: 26.786 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015915.D

Acq: 02 Jul 2023 09:29

Instrument :

BNA_P

ClientSampleId :

DCGE0

Tgt Ion:278 Resp: 214884

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

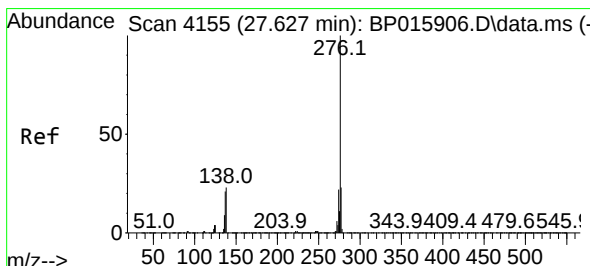
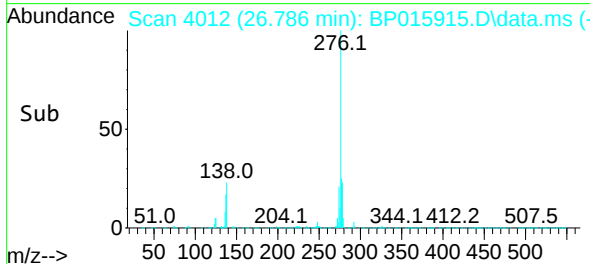
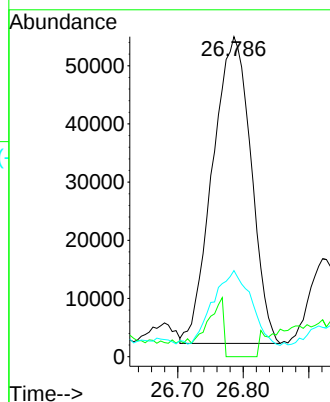
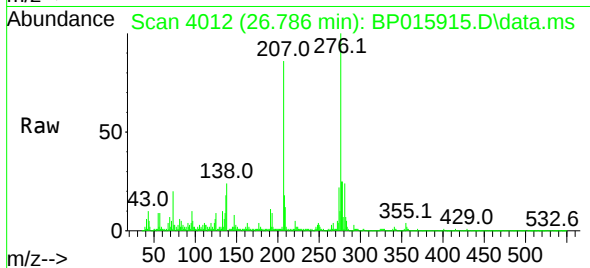
279 26.9 18.4 27.6

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 10.585 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. 0.006 min

Lab File: BP015915.D

Acq: 02 Jul 2023 09:29

Tgt Ion:276 Resp: 676605

Ion Ratio Lower Upper

276 100

138 23.3 15.1 22.7

277 24.2 18.8 28.2

