

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015920.D
 Acq On : 02 Jul 2023 12:19
 Operator : MA/JU
 Sample : 03243-15
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGD5

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 14:18:09 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)

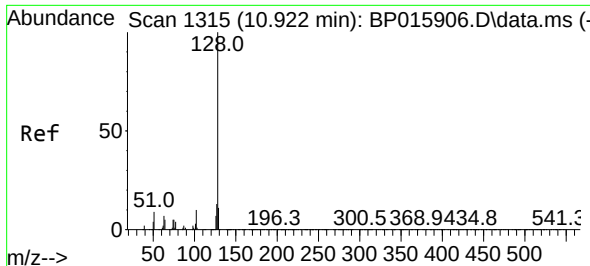
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	287902	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1280938	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	758298	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1483424	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	931697	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1078946	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	27573	3.446	ng/uL	0.00
4) Pyridine-d5	3.822	84	244667	12.129	ng/ul	0.00
7) Phenol-d5	7.234	99	575512	23.363	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	389817	25.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	465449	25.031	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	422881	21.731	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	229386	23.432	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	257119	22.504	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	427648	21.004	ng/ul	0.03
31) 4-Chloroaniline-d4	11.057	131	310884	11.886	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1422798	24.275	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1610075	24.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	137050	17.719	ng/ul	0.04
60) Fluorene-d10	15.698	176	1176484	24.378	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	105276	11.540	ng/ul	0.01
73) Anthracene-d10	17.563	188	1677174	24.752	ng/ul	0.00
81) Pyrene-d10	19.786	212	1629274	26.781	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1390148	25.542	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.928	128	83361	1.197	ng/ul	98
61) Fluorene	15.757	166	57304	1.011	ng/ul	98
72) Phenanthrene	17.504	178	1038619	12.888	ng/ul	99
74) Anthracene	17.598	178	253726m	3.133	ng/ul	
80) Fluoranthene	19.463	202	1388699	18.367	ng/ul#	94
82) Pyrene	19.816	202	1068047	13.848	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	489519	7.469	ng/ul	97
87) Chrysene	21.592	228	476730	7.667	ng/ul	96
90) Benzo(b)fluoranthene	23.310	252	687700	9.920	ng/ul#	94
91) Benzo(k)fluoranthene	23.357	252	221550m	3.163	ng/ul	
93) Benzo(a)pyrene	23.980	252	456480	7.536	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.798	276	361687	4.398	ng/ul	96
95) Dibenzo(a,h)anthracene	26.798	278	89203	1.321	ng/ul#	78
96) Benzo(g,h,i)perylene	27.639	276	320500	4.737	ng/ul#	94

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

Manual Integrations
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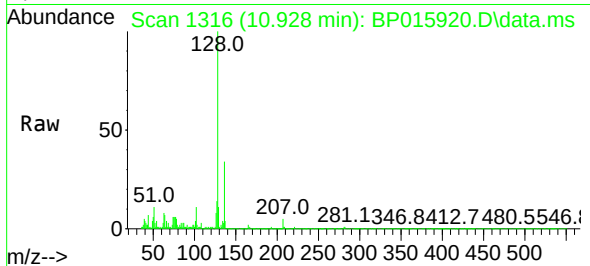
Quant Time: Jul 02 14:18:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.197 ng/ul
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015920.D
Acq: 02 Jul 2023 12:19

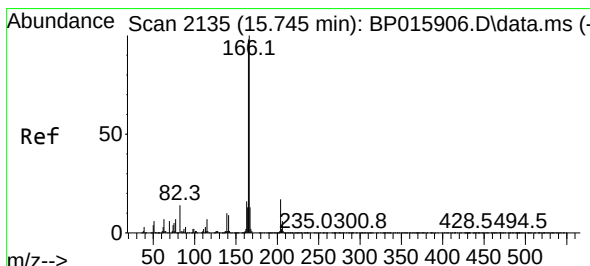
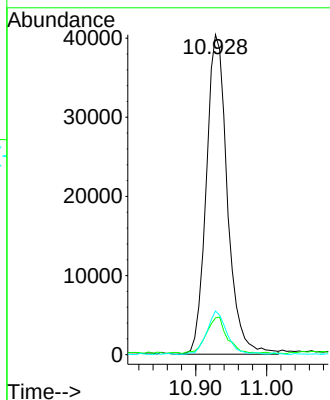
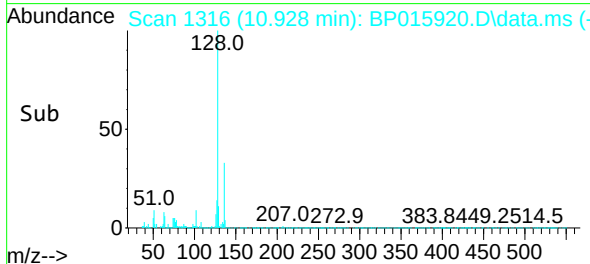
Instrument :
BNA_P
ClientSampleId :
DCGD5



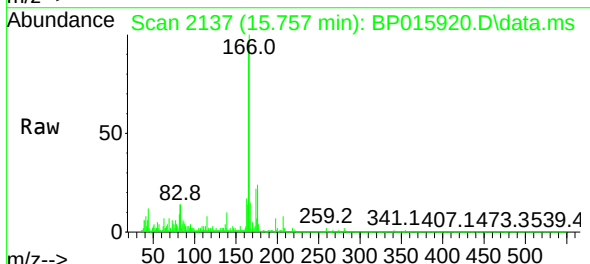
Tgt Ion:128 Resp: 8336
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.6 10.3 15.5

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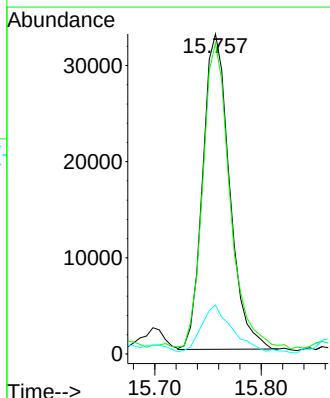
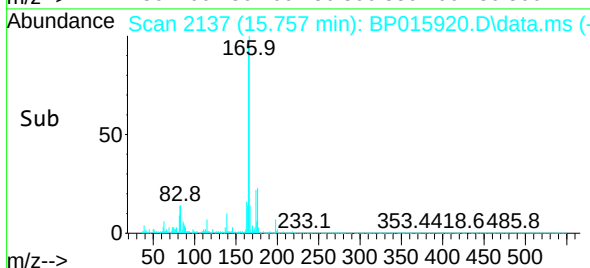
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

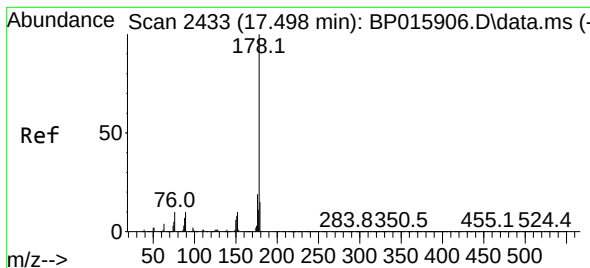


#61
Fluorene
Concen: 1.011 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BP015920.D
Acq: 02 Jul 2023 12:19



Tgt Ion:166 Resp: 57304
Ion Ratio Lower Upper
166 100
165 97.2 78.7 118.1
167 15.3 10.5 15.7





#72

Phenanthrene

Concen: 12.888 ng/ul

RT: 17.504 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP015920.D

Acq: 02 Jul 2023 12:19

Instrument :

BNP_P

ClientSampleId :

DCGD5

Tgt Ion:178 Resp: 1038619

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

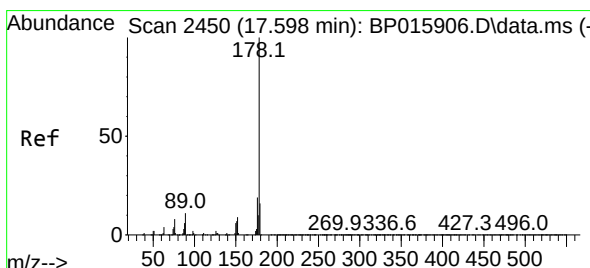
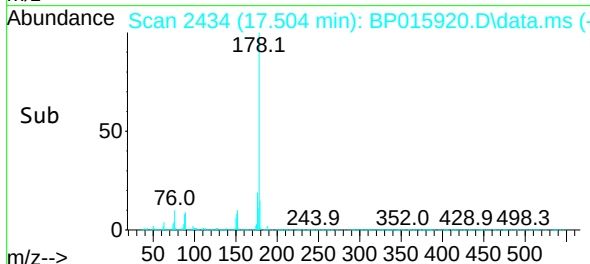
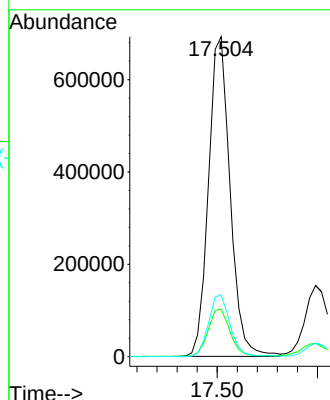
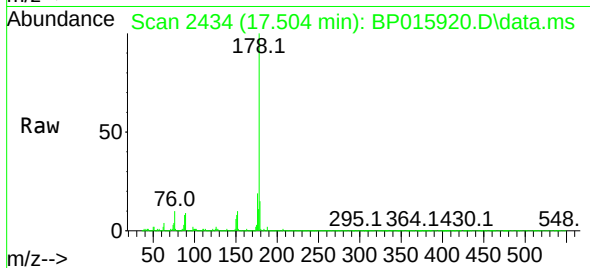
176 19.3 15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#74

Anthracene

Concen: 3.133 ng/ul m

RT: 17.598 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BP015920.D

Acq: 02 Jul 2023 12:19

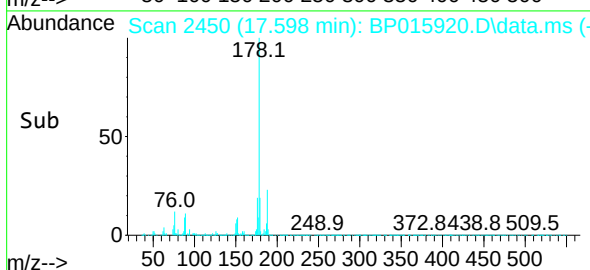
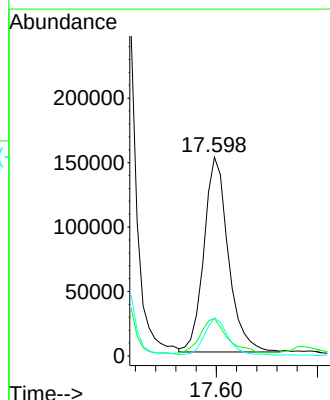
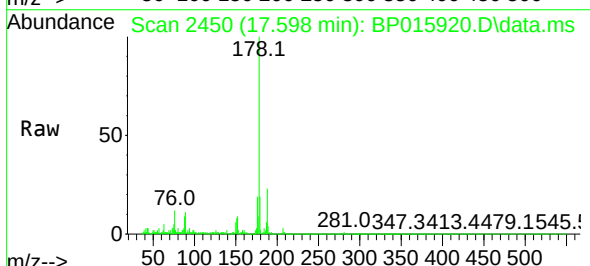
Tgt Ion:178 Resp: 253726

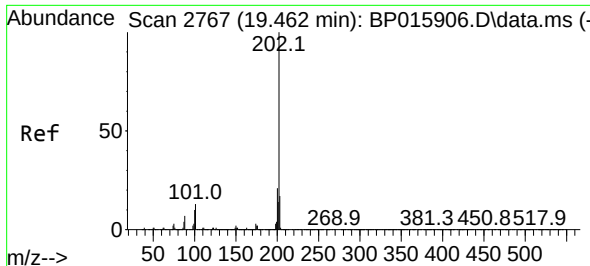
Ion Ratio Lower Upper

178 100

179 19.0 12.1 18.1#

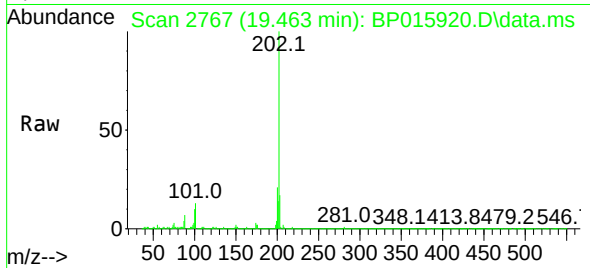
176 19.0 14.6 22.0





#80
Fluoranthene
Concen: 18.367 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. 0.000 min
Lab File: BP015920.D
Acq: 02 Jul 2023 12:19

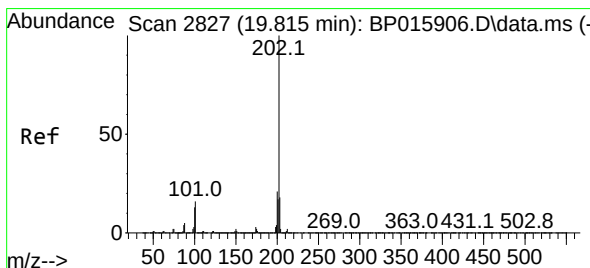
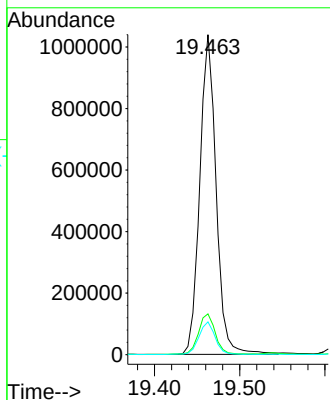
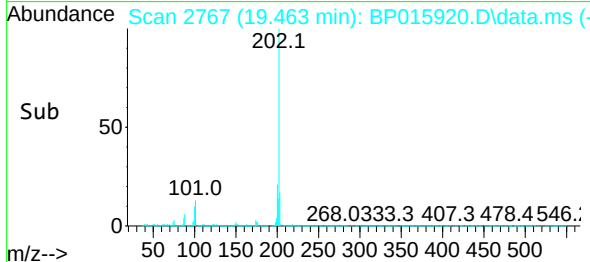
Instrument :
BNA_P
ClientSampleId :
DCGD5



Tgt Ion:202 Resp: 1388699
Ion Ratio Lower Upper
202 100
101 12.7 8.3 12.5#
100 10.2 6.6 9.8#

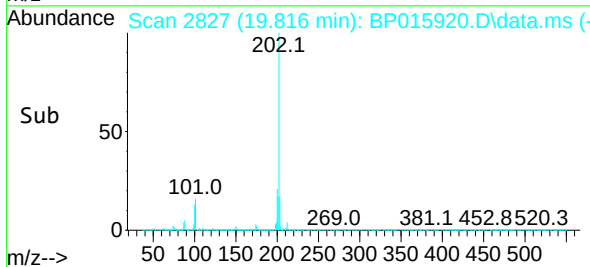
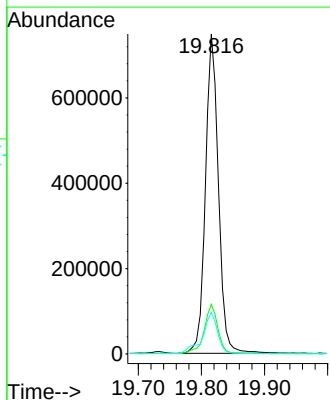
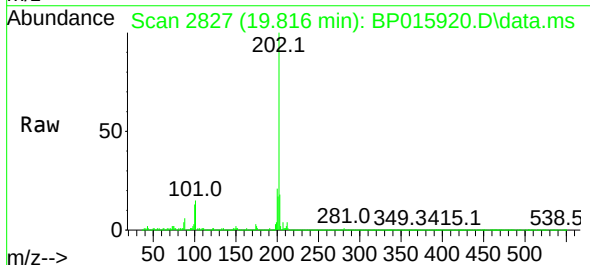
Manual Integrations
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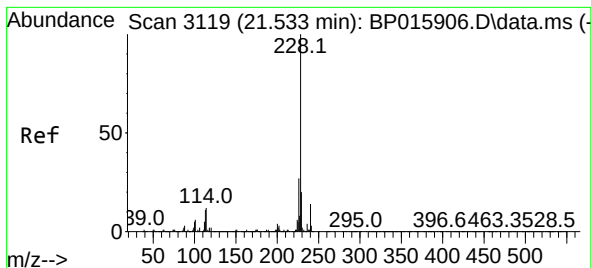
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#82
Pyrene
Concen: 13.848 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015920.D
Acq: 02 Jul 2023 12:19

Tgt Ion:202 Resp: 1068047
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: 7.469 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015920.D

Acq: 02 Jul 2023 12:19

Instrument :

BNP_P

ClientSampleId :

DCGD5

Tgt Ion:228 Resp: 489519

Ion Ratio Lower Upper

228 100

229 21.3 15.3 22.9

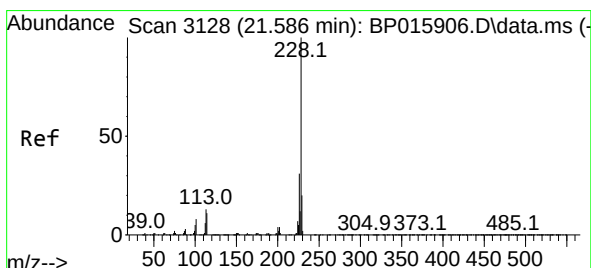
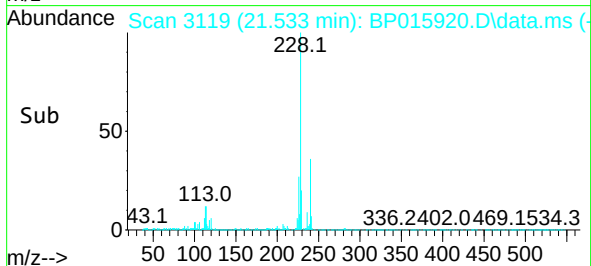
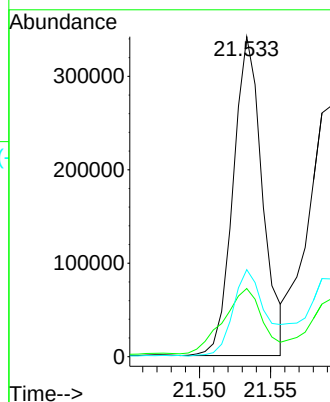
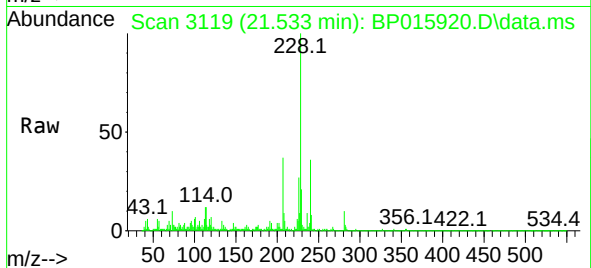
226 27.2 21.4 32.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#87

Chrysene

Concen: 7.667 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015920.D

Acq: 02 Jul 2023 12:19

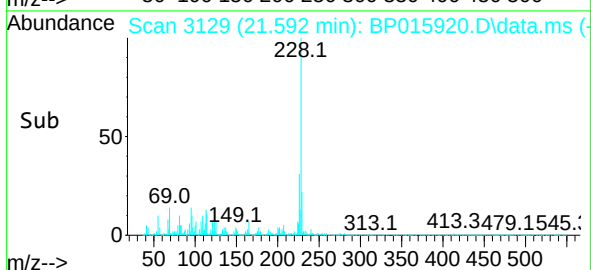
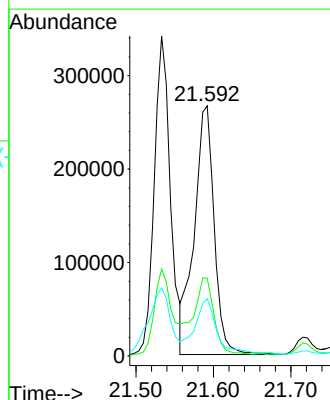
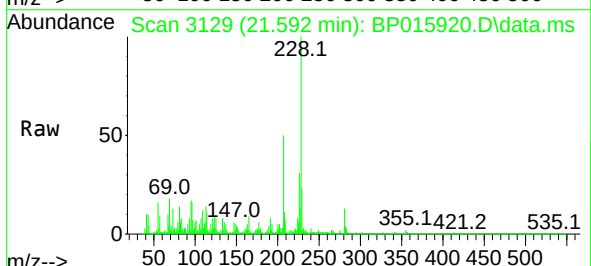
Tgt Ion:228 Resp: 476730

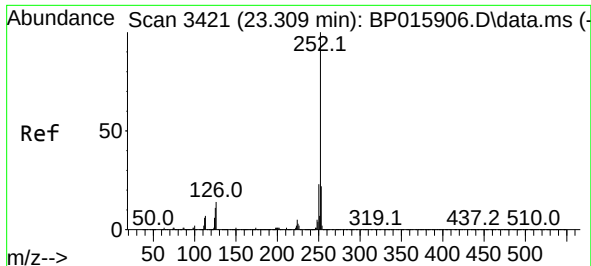
Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

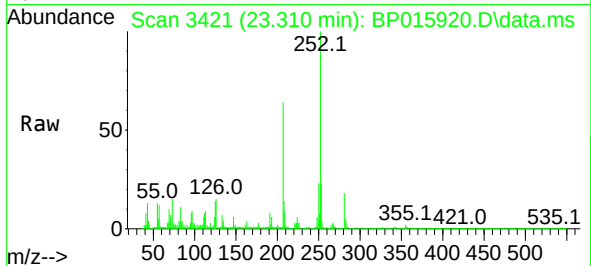
229 22.9 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 9.920 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015920.D
Acq: 02 Jul 2023 12:19

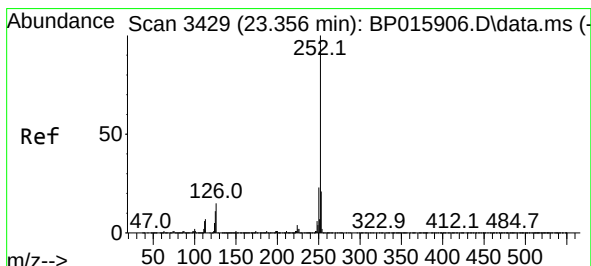
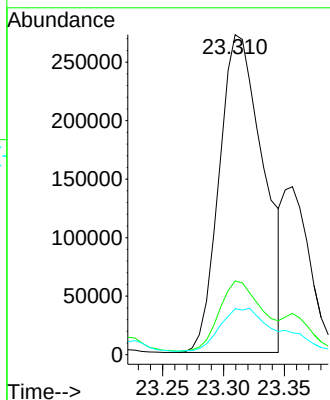
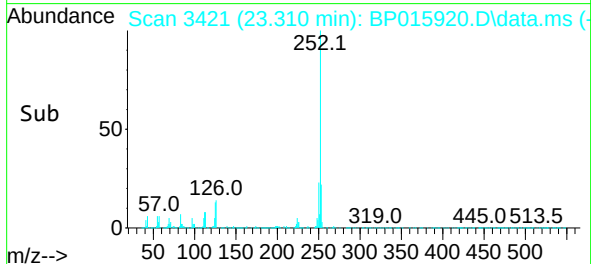
Instrument :
BNA_P
ClientSampleId :
DCGD5



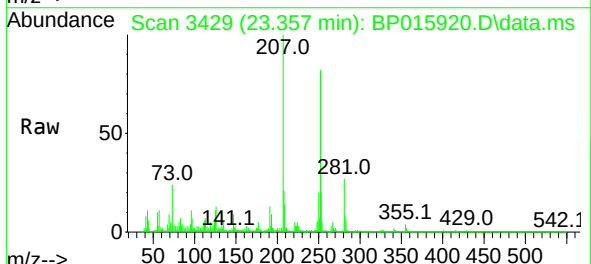
Tgt Ion:252 Resp: 687700
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 14.4 7.5 11.3

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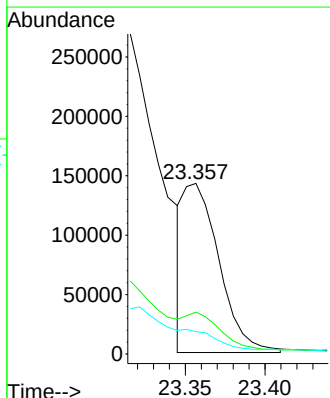
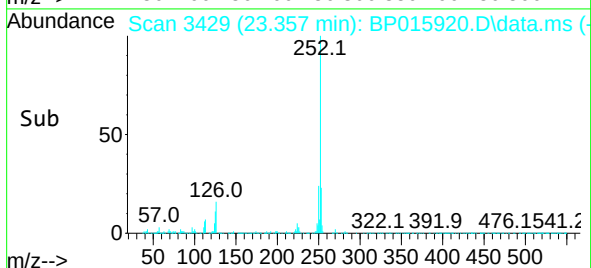
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

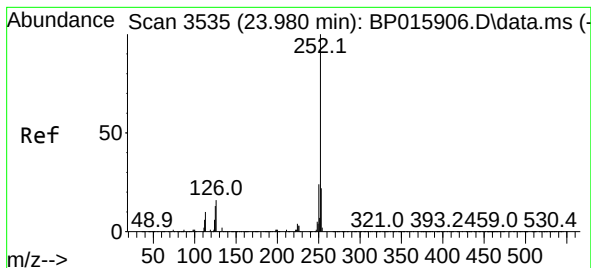


#91
Benzo(k)fluoranthene
Concen: 3.163 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP015920.D
Acq: 02 Jul 2023 12:19



Tgt Ion:252 Resp: 221550
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.4
125 13.1 7.3 10.9





#93

Benzo(a)pyrene

Concen: 7.536 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015920.D

Acq: 02 Jul 2023 12:19

Instrument :

BNA_P

ClientSampleId :

DCGD5

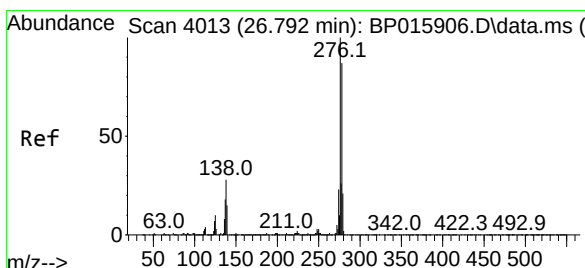
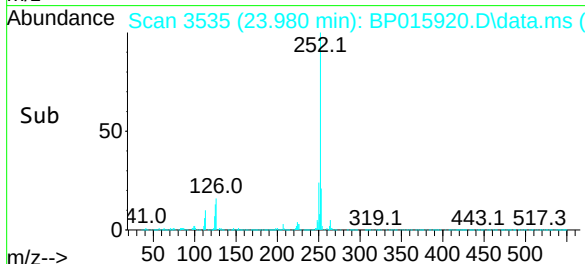
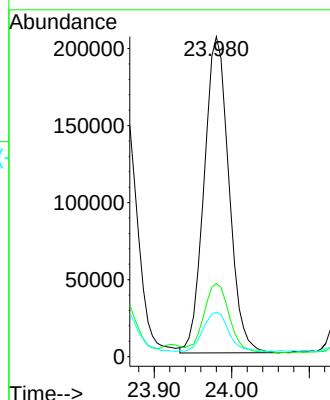
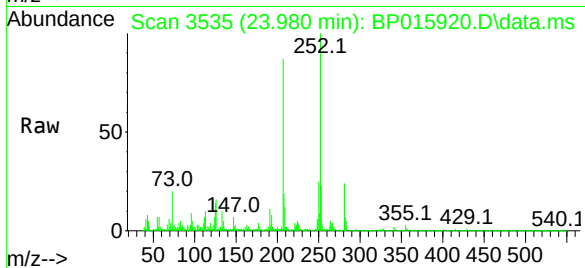
Tgt Ion:252 Resp: 456480
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.7 26.5
 125 14.0 8.2 12.2

Manual Integrations

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Supervised By :mohammad ahmed 07/03/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.398 ng/ul

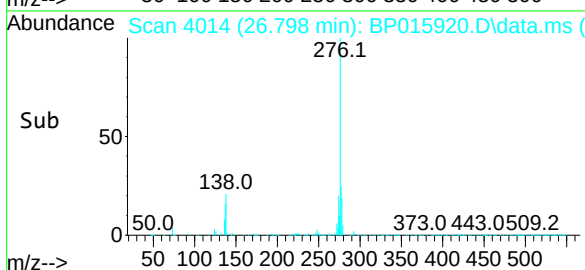
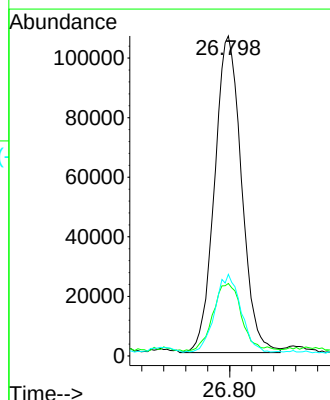
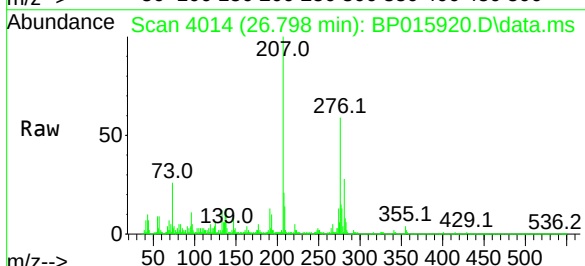
RT: 26.798 min Scan# 4014

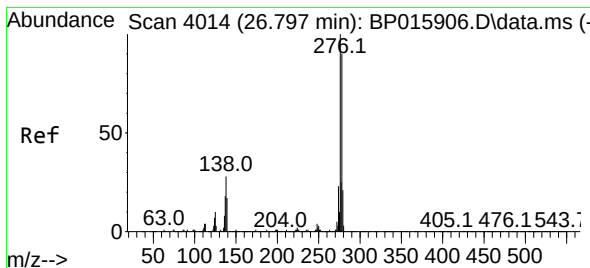
Delta R.T. 0.006 min

Lab File: BP015920.D

Acq: 02 Jul 2023 12:19

Tgt Ion:276 Resp: 361687
 Ion Ratio Lower Upper
 276 100
 138 22.7 15.7 23.5
 277 25.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 1.321 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP015920.D

Acq: 02 Jul 2023 12:19

Instrument :

BNP_P

ClientSampleId :

DCGD5

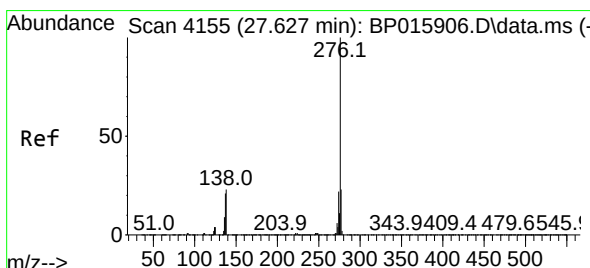
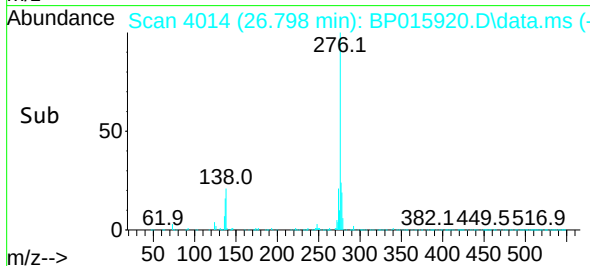
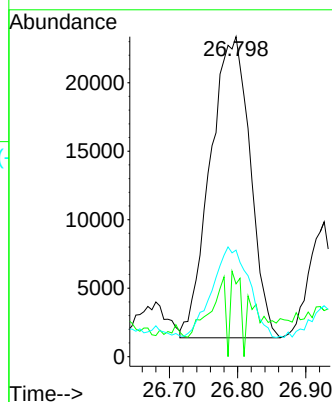
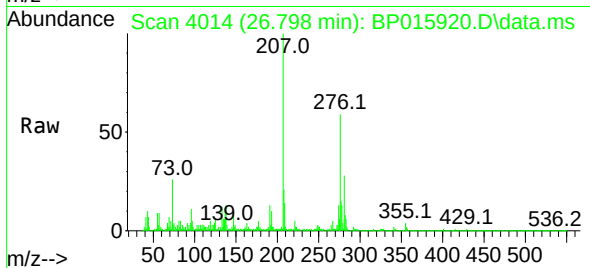
Tgt Ion:	278	Resp:	8920
Ion Ratio	Lower	Upper	
278	100		
139	22.7	10.5	15.7
279	33.3	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023

Supervised By :mohammad ahmed 07/03/2023



#96

Benzo(g,h,i)perylene

Concen: 4.737 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.012 min

Lab File: BP015920.D

Acq: 02 Jul 2023 12:19

Tgt Ion:	276	Resp:	320500
Ion Ratio	Lower	Upper	
276	100		
138	24.2	15.1	22.7
277	24.3	18.8	28.2

