

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015955.D
 Acq On : 03 Jul 2023 17:22
 Operator : MA/JU
 Sample : 03245-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGH6

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 03 23:48:45 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	266171	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1173927	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	710003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1411149	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	903729	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	1049343	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	19218	2.598	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.246	99	346589	15.219	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	246389	17.487	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	291658	16.965	ng/ul	0.01
15) 4-Methylphenol-d8	8.804	113	250194	13.907	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	141923	15.819	ng/ul	0.01
24) 2-Nitrophenol-d4	9.975	143	153651	14.674	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	252665	13.541	ng/ul	0.05
31) 4-Chloroaniline-d4	11.093	131	69726m	2.909	ng/ul	0.06
46) Dimethylphthalate-d6	14.110	166	904345	16.479	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1028533	16.673	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	92715m	12.803	ng/ul	0.06
60) Fluorene-d10	15.692	176	765516	16.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	83849	9.662	ng/ul	0.02
73) Anthracene-d10	17.563	188	1055728	16.378	ng/ul	0.00
81) Pyrene-d10	19.780	212	1040245	17.628	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	897797	16.961	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.928	128	64667	1.013	ng/ul#	96
50) Acenaphthylene	14.428	152	103118	1.517	ng/ul	98
52) Acenaphthene	14.763	153	60544	1.284	ng/ul	94
61) Fluorene	15.757	166	63180	1.190	ng/ul	95
72) Phenanthrene	17.504	178	1683040	21.954	ng/ul	99
74) Anthracene	17.598	178	366360	4.756	ng/ul	97
80) Fluoranthene	19.457	202	3539687	48.264	ng/ul#	93
82) Pyrene	19.816	202	2891608	38.652	ng/ul#	92
85) Benzo(a)anthracene	21.527	228	1418996	22.321	ng/ul	97
87) Chrysene	21.586	228	1507313	24.991	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	2200196	32.632	ng/ul#	95
91) Benzo(k)fluoranthene	23.351	252	756459m	11.104	ng/ul	
93) Benzo(a)pyrene	23.980	252	1469181	24.937	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	1175183	14.694	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.780	278	307241	4.677	ng/ul#	76
96) Benzo(g,h,i)perylene	27.627	276	1056639	16.059	ng/ul#	94

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

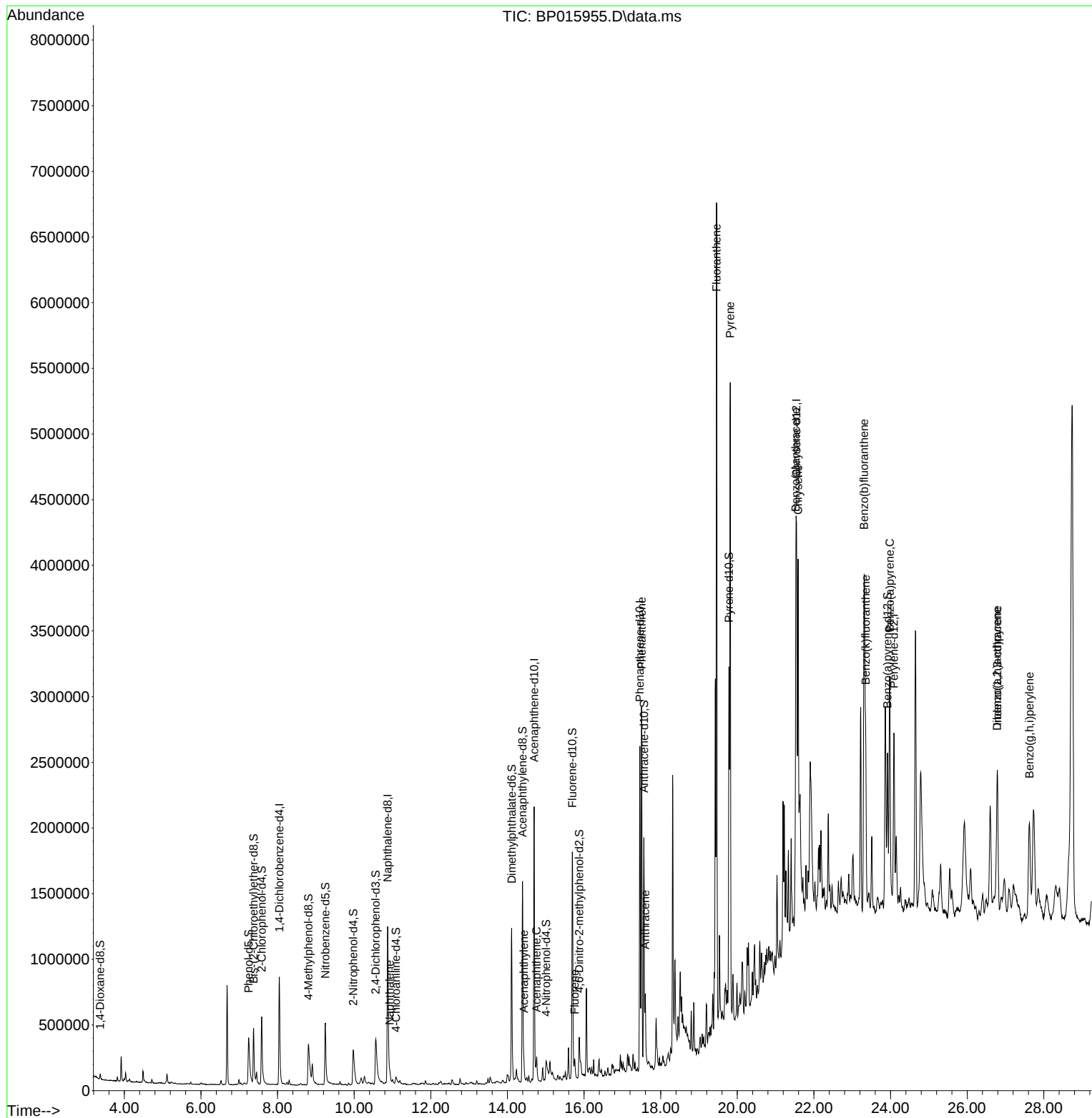
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
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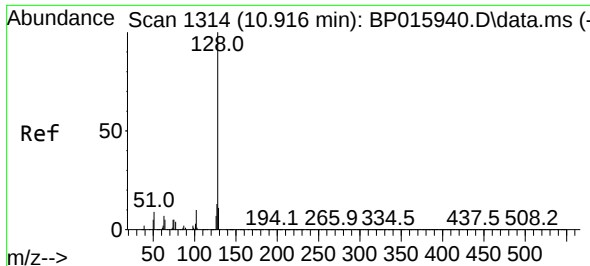
Instrument :
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 ClientSampleId :
 DCGH6

Quant Time: Jul 03 23:48:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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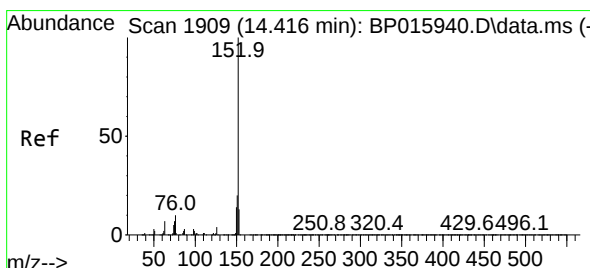
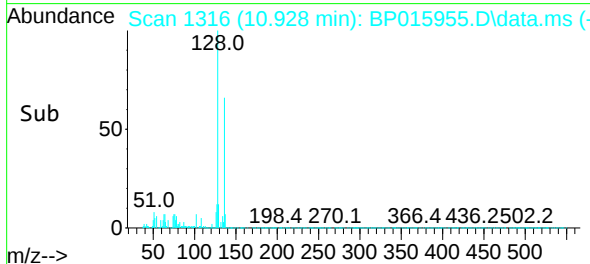
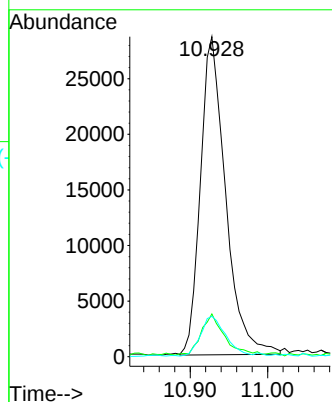
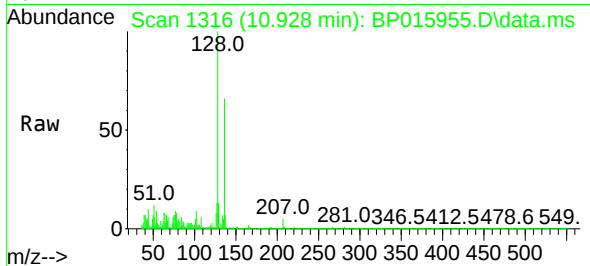
#30
Naphthalene
Concen: 1.013 ng/ul
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

Instrument :
BNA_P
ClientSampleId :
DCGH6

Tgt Ion:128 Resp: 6466
Ion Ratio Lower Upper
128 100
129 13.4 8.6 12.8
127 12.6 10.3 15.5

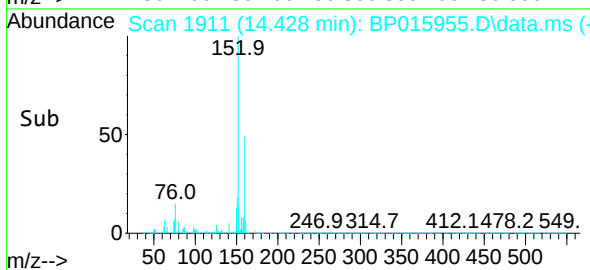
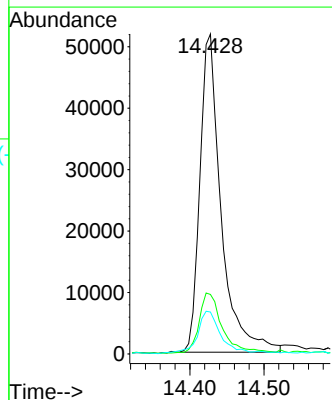
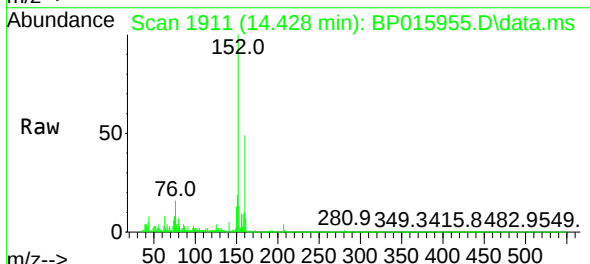
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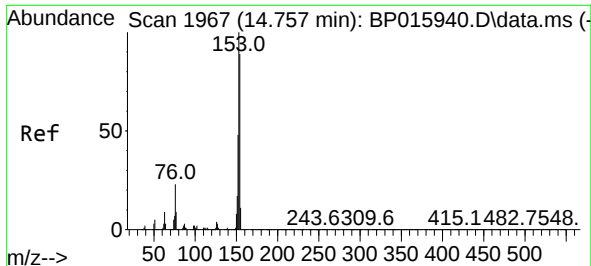
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#50
Acenaphthylene
Concen: 1.517 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

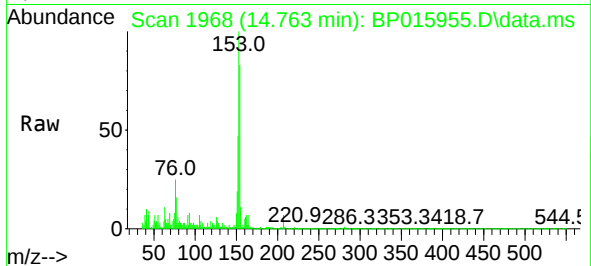
Tgt Ion:152 Resp: 103118
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.2
153 13.1 10.5 15.7





#52
Acenaphthene
Concen: 1.284 ng/ul
RT: 14.763 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

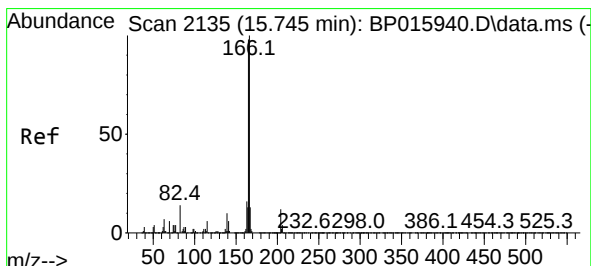
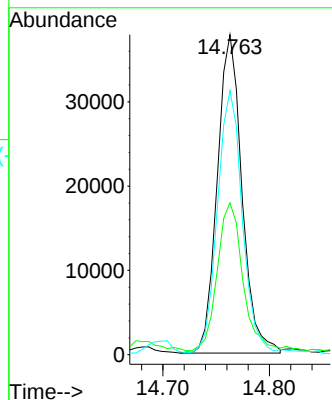
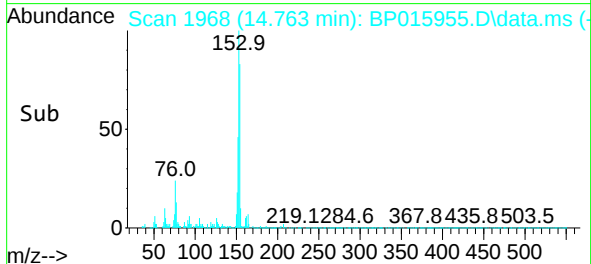
Instrument :
BNA_P
ClientSampleId :
DCGH6



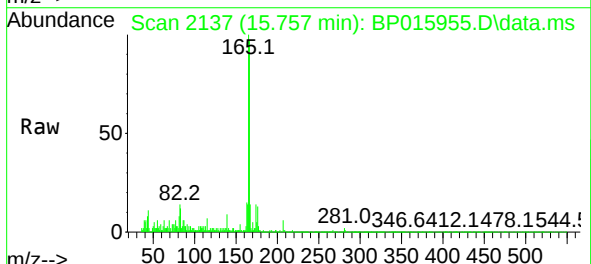
Tgt Ion:153 Resp: 60544
Ion Ratio Lower Upper
153 100
152 47.5 39.4 59.2
154 82.6 71.4 107.2

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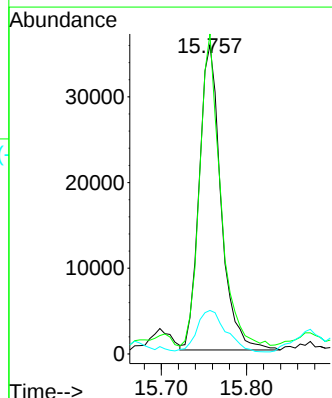
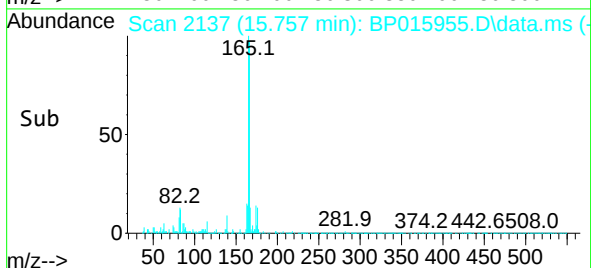
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

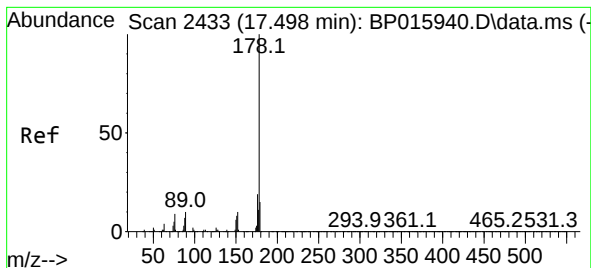


#61
Fluorene
Concen: 1.190 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22



Tgt Ion:166 Resp: 63180
Ion Ratio Lower Upper
166 100
165 103.5 78.7 118.1
167 14.1 10.5 15.7





#72

Phenanthrene

Concen: 21.954 ng/u1

RT: 17.504 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Instrument :

BNP_P

ClientSampleId :

DCGH6

Tgt Ion:178 Resp: 1683040

Ion Ratio Lower Upper

178 100

179 15.0 12.4 18.6

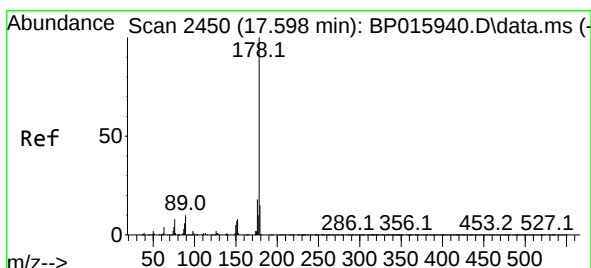
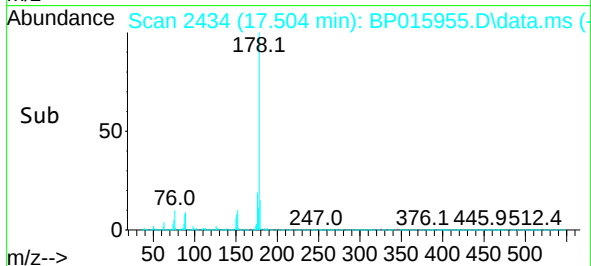
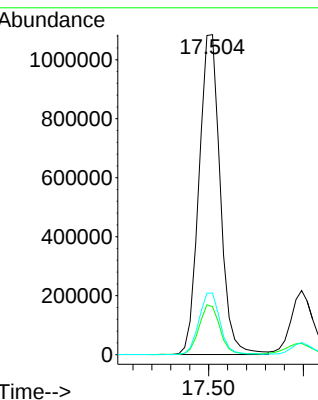
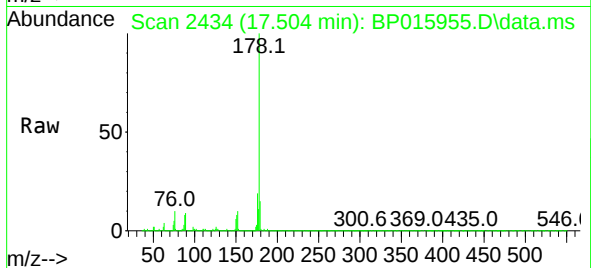
176 19.2 15.6 23.4

Manual Integrations

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Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#74

Anthracene

Concen: 4.756 ng/u1

RT: 17.598 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

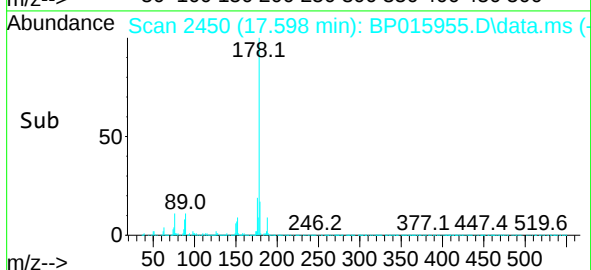
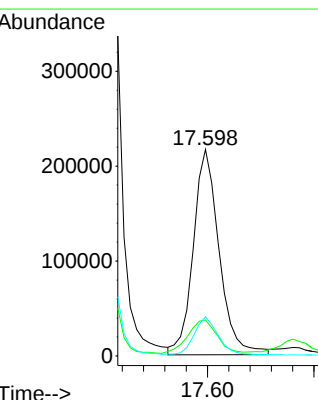
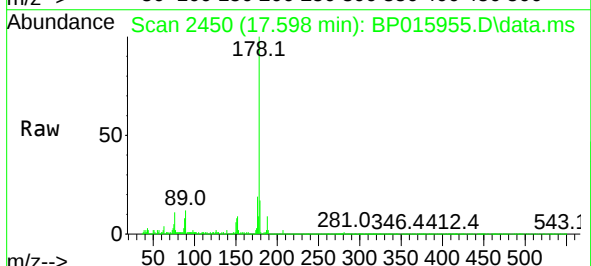
Tgt Ion:178 Resp: 366360

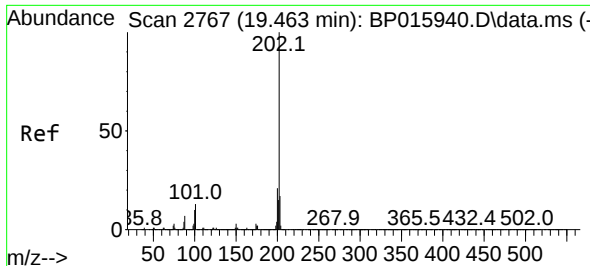
Ion Ratio Lower Upper

178 100

179 17.4 12.1 18.1

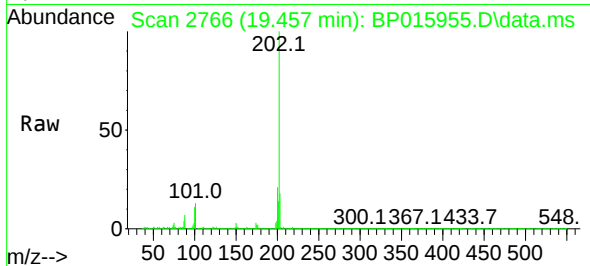
176 19.0 14.6 22.0





#80
Fluoranthene
Concen: 48.264 ng/u1
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

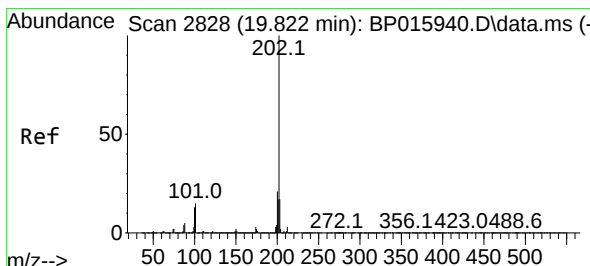
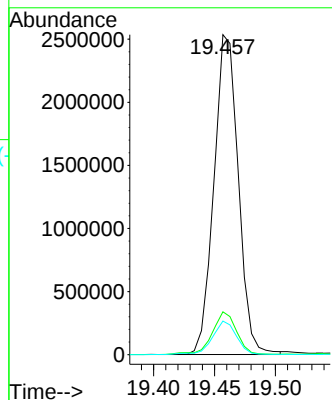
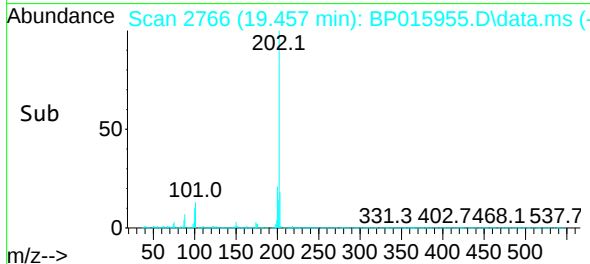
Instrument :
BNA_P
ClientSampleId :
DCGH6



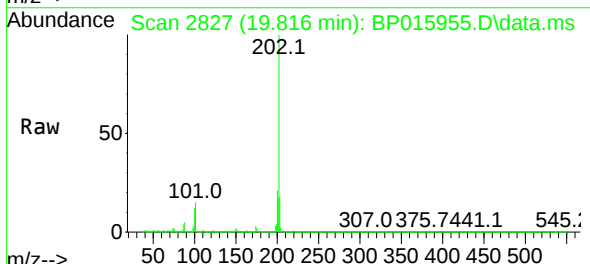
Tgt Ion:202 Resp: 353968
Ion Ratio Lower Upper
202 100
101 13.4 8.3 12.5
100 10.5 6.6 9.8

Manual Integrations
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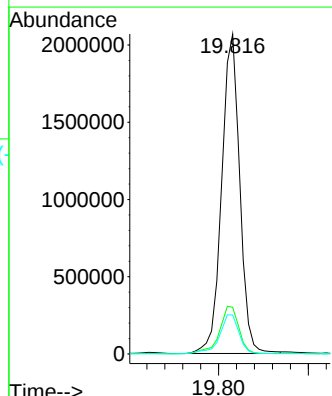
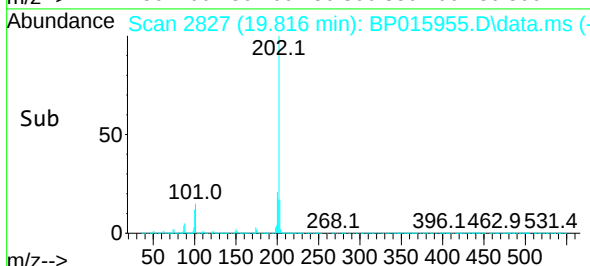
Reviewed By :Sohil Jodhani 07/04/2023
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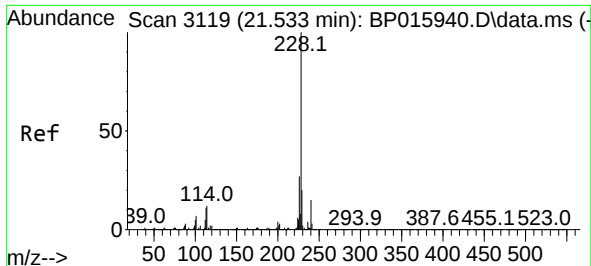


#82
Pyrene
Concen: 38.652 ng/u1
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22



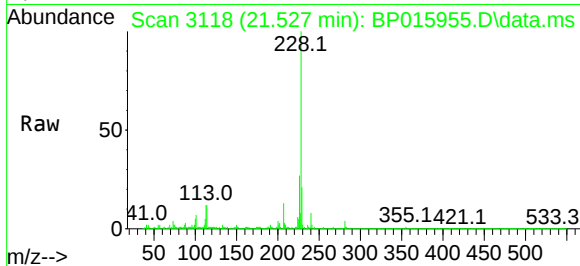
Tgt Ion:202 Resp: 2891608
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9#
100 12.1 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 22.321 ng/u1
RT: 21.527 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

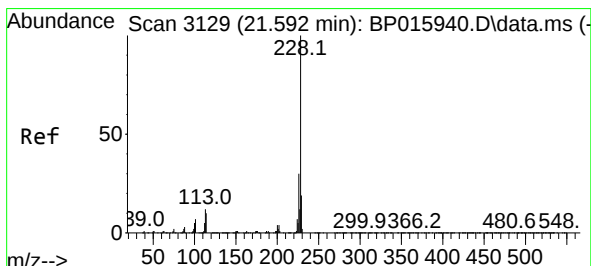
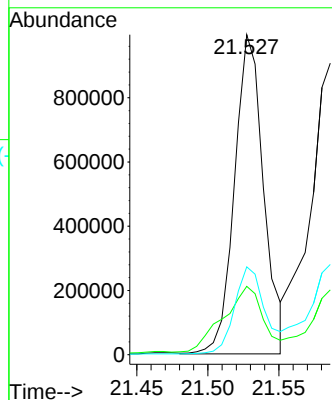
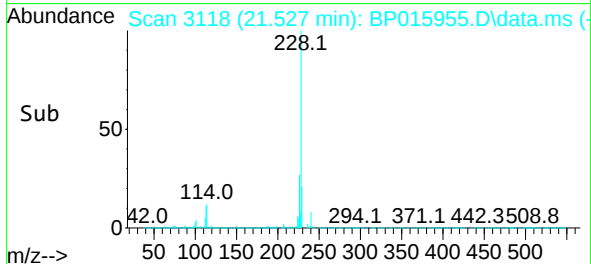
Instrument :
BNA_P
ClientSampleId :
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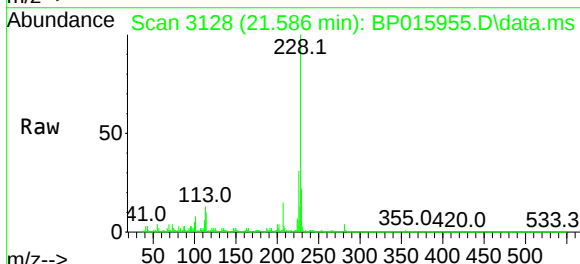
Tgt Ion:228 Resp: 1418990
Ion Ratio Lower Upper
228 100
229 21.3 15.3 22.9
226 27.4 21.4 32.0

Manual Integrations
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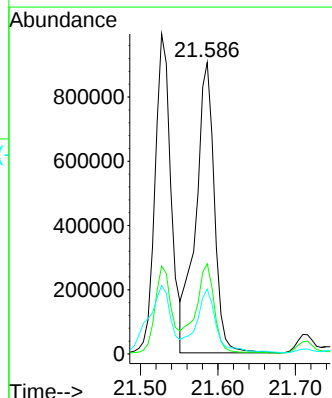
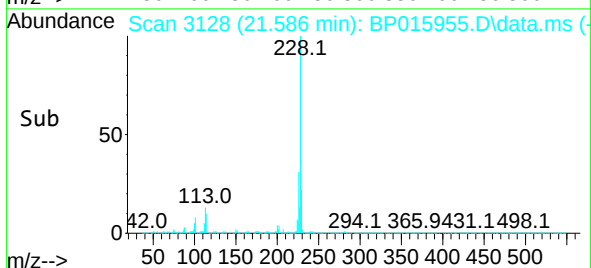
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

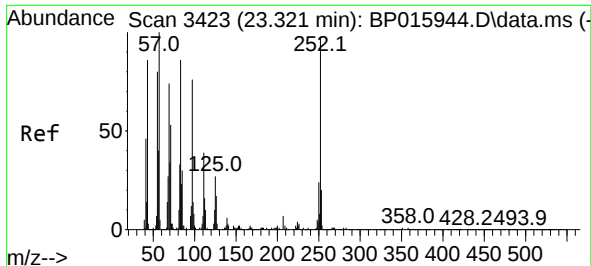


#87
Chrysene
Concen: 24.991 ng/u1
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22



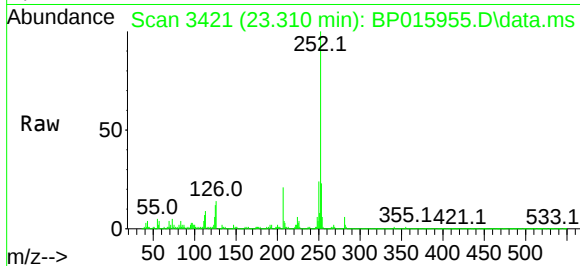
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Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 32.632 ng/ul
RT: 23.310 min Scan# 3423
Delta R.T. 0.000 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

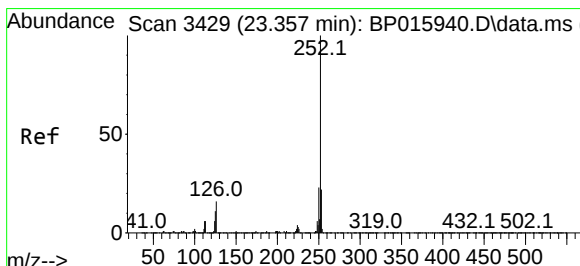
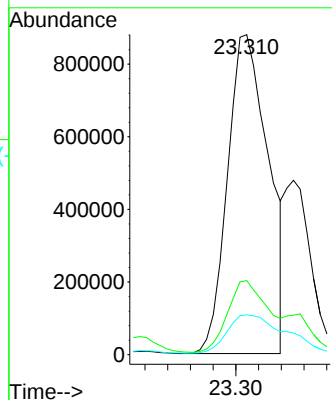
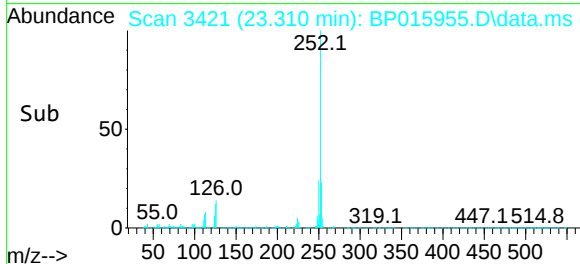
Instrument :
BNA_P
ClientSampleId :
DCGH6



Tgt Ion:252 Resp: 2200190
Ion Ratio Lower Upper
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253 23.2 17.3 25.9
125 12.5 7.5 11.3

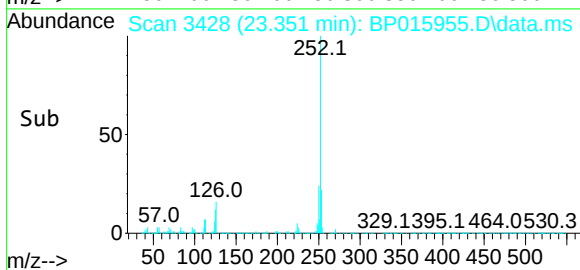
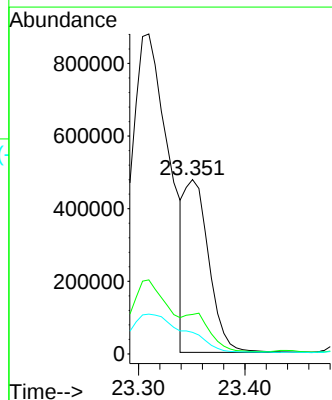
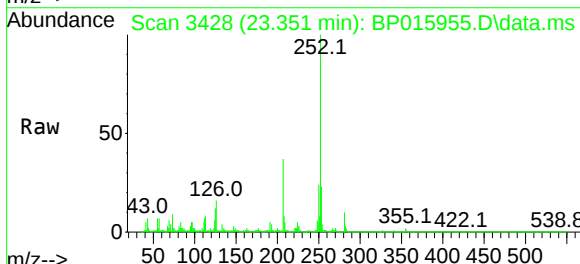
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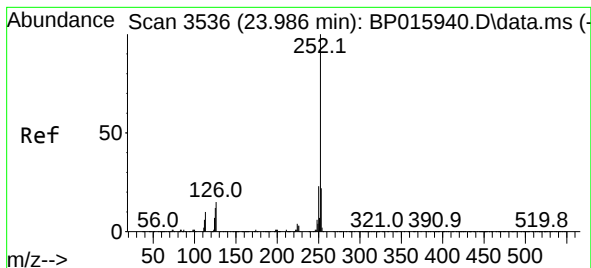
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#91
Benzo(k)fluoranthene
Concen: 11.104 ng/ul m
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015955.D
Acq: 03 Jul 2023 17:22

Tgt Ion:252 Resp: 756459
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 12.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 24.937 ng/ul

RT: 23.980 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Instrument :

BNP_P

ClientSampleId :

DCGH6

Tgt Ion:252 Resp: 146918

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

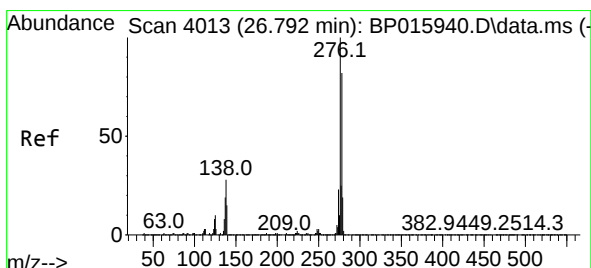
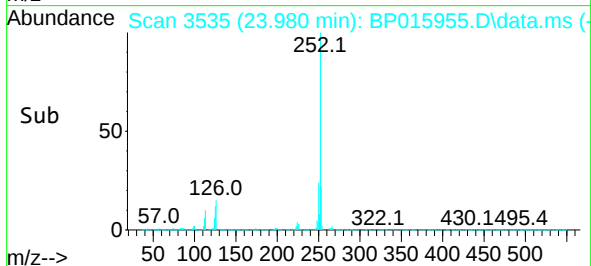
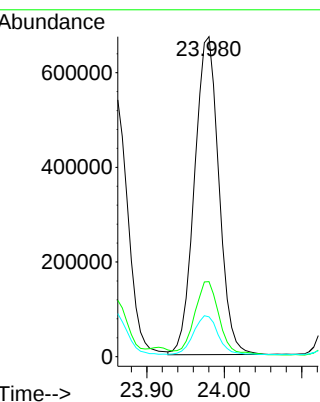
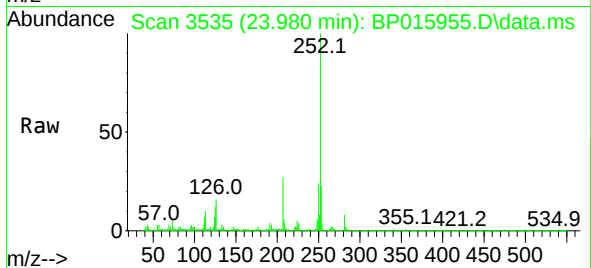
125 12.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 14.694 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

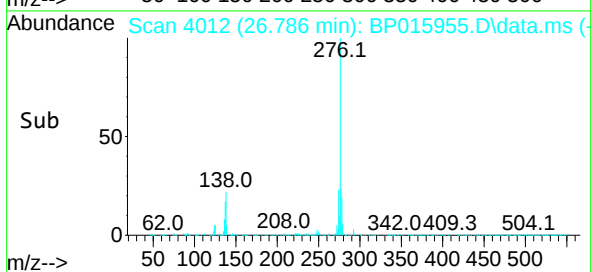
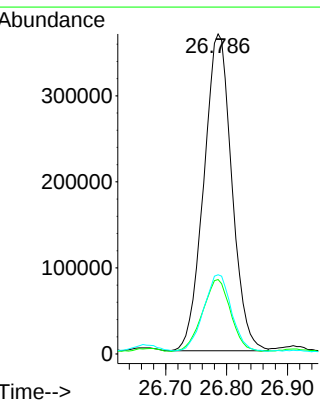
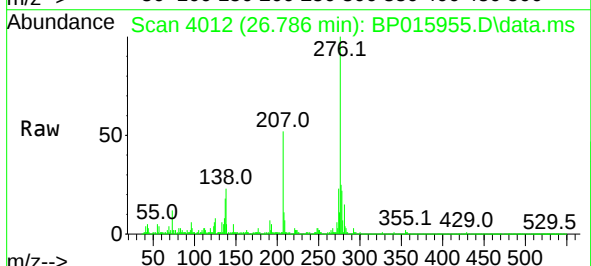
Tgt Ion:276 Resp: 1175183

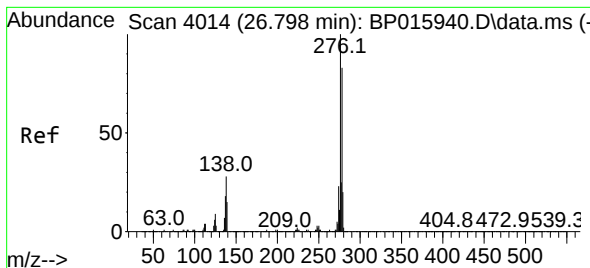
Ion Ratio Lower Upper

276 100

138 28.5 15.7 23.5

277 24.8 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 4.677 ng/ul

RT: 26.780 min Scan# 4014

Delta R.T. -0.017 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Instrument :

BNP_P

ClientSampleId :

DCGH6

Tgt Ion:278 Resp: 30724

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

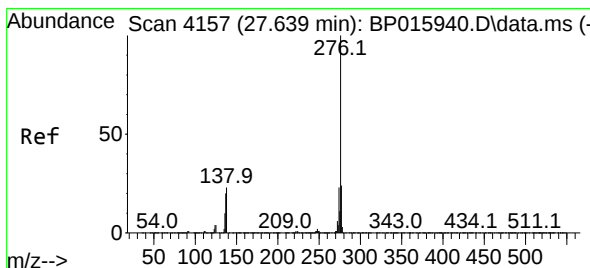
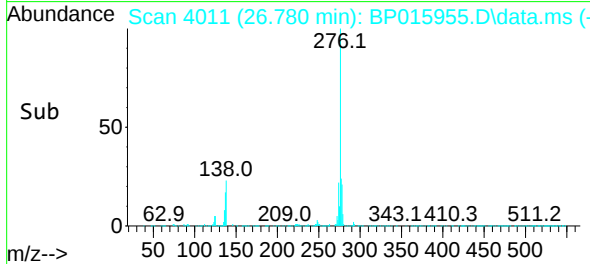
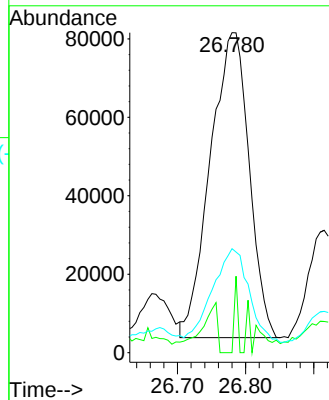
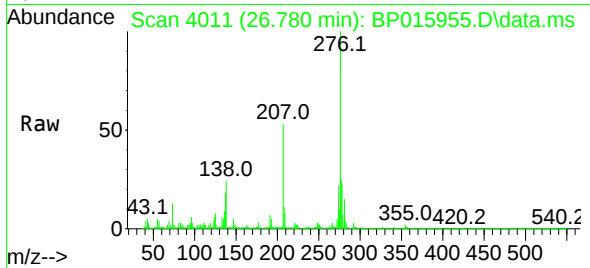
279 32.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#96

Benzo(g,h,i)perylene

Concen: 16.059 ng/ul

RT: 27.627 min Scan# 4155

Delta R.T. 0.000 min

Lab File: BP015955.D

Acq: 03 Jul 2023 17:22

Tgt Ion:276 Resp: 1056639

Ion Ratio Lower Upper

276 100

138 24.1 15.1 22.7

277 24.0 18.8 28.2

