

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016014.D
 Acq On : 05 Jul 2023 15:16
 Operator : MA/JU
 Sample : 03244-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 22:08:40 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	8.051	152	231200	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1004302	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.698	164	573778	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1020123	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	761544	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	891541	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4254	0.662	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.328	99	25082	1.268	ng/ul	0.11
9) Bis-(2-Chloroethyl)eth...	7.404	67	47562m	3.886	ng/ul	0.04
11) 2-Chlorophenol-d4	7.646	132	53052	3.553	ng/ul	0.07
15) 4-Methylphenol-d8	8.916	113	50409m	3.226	ng/ul	0.14
21) Nitrobenzene-d5	9.316	128	28547m	3.719	ng/ul	0.08
24) 2-Nitrophenol-d4	10.069	143	28911m	3.227	ng/ul	0.11
28) 2,4-Dichlorophenol-d3	10.657	165	48493m	3.038	ng/ul	0.15
31) 4-Chloroaniline-d4	11.145	131	50905m	2.482	ng/ul	0.12
46) Dimethylphthalate-d6	14.133	166	187356	4.225	ng/ul	0.03
49) Acenaphthylene-d8	14.404	160	206815	4.148	ng/ul	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.710	176	157491	4.313	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.569	188	214698	4.608	ng/ul	0.01
81) Pyrene-d10	19.786	212	216634	4.356	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	206954	4.602	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.939	128	103499	1.896	ng/ul	98
52) Acenaphthene	14.769	153	81203	2.132	ng/ul	98
61) Fluorene	15.769	166	89233	2.080	ng/ul	99
72) Phenanthrene	17.504	178	1102928	19.902	ng/ul	99
74) Anthracene	17.610	178	243203	4.367	ng/ul	96
80) Fluoranthene	19.463	202	1443211	23.353	ng/ul#	94
82) Pyrene	19.815	202	1091817	17.319	ng/ul#	88
85) Benzo(a)anthracene	21.533	228	615765	11.494	ng/ul	96
87) Chrysene	21.592	228	596568	11.737	ng/ul	97
90) Benzo(b)fluoranthene	23.309	252	766703	13.384	ng/ul#	97
91) Benzo(k)fluoranthene	23.356	252	274569m	4.744	ng/ul	
93) Benzo(a)pyrene	23.980	252	503377	10.056	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.803	276	348767	5.133	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.797	278	100126	1.794	ng/ul#	75
96) Benzo(g,h,i)perylene	27.644	276	303480	5.429	ng/ul#	94

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

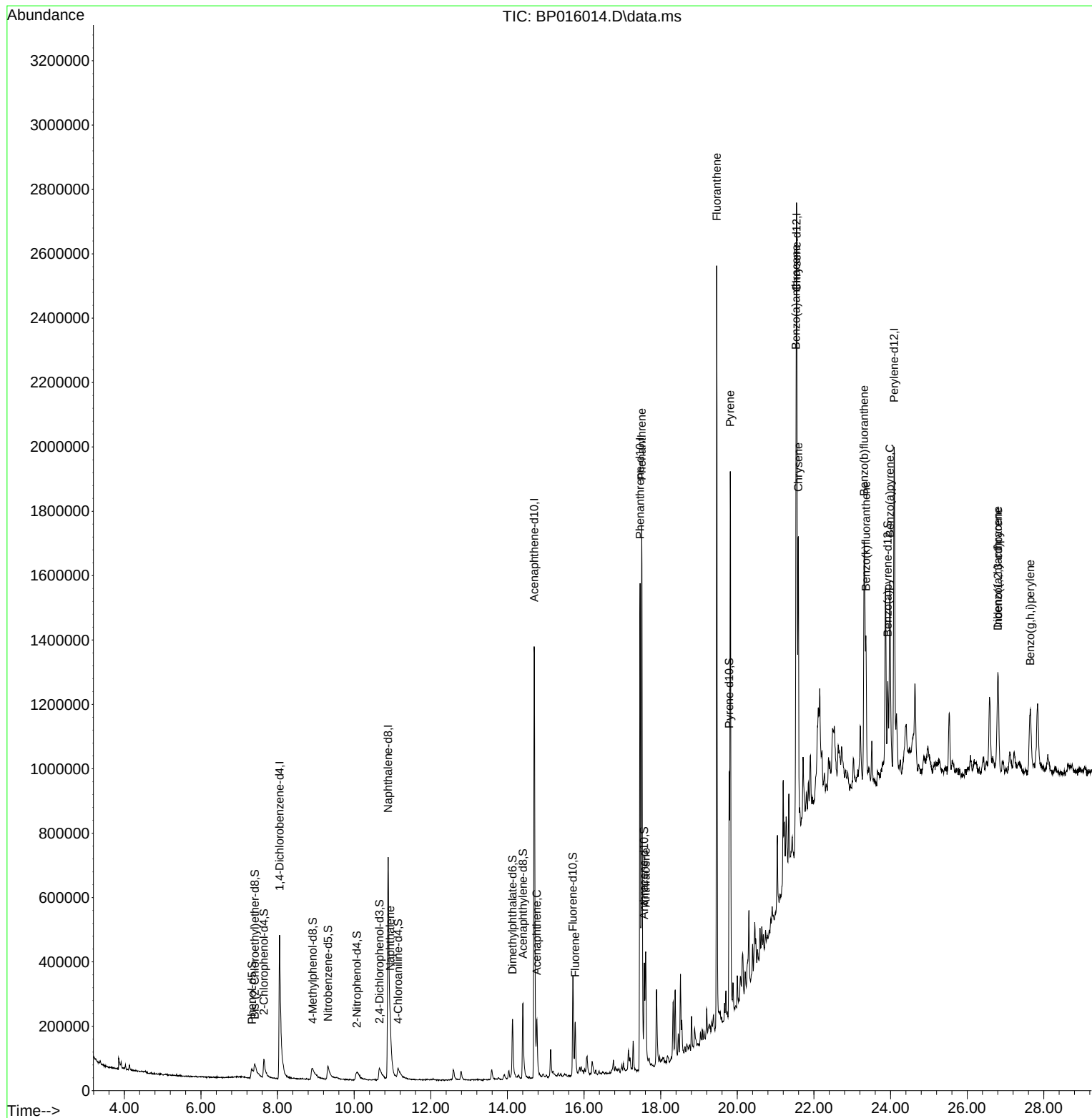
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016014.D
Acq On : 05 Jul 2023 15:16
Operator : MA/JU
Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

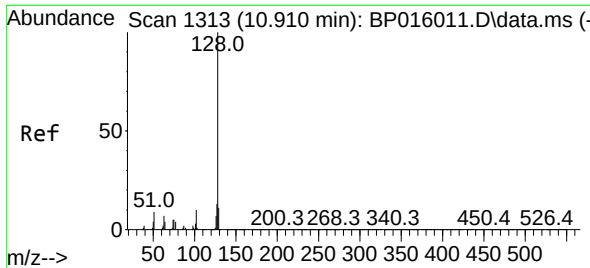
Instrument :
BNA_P
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DCGE7DL

Quant Time: Jul 05 22:08:40 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
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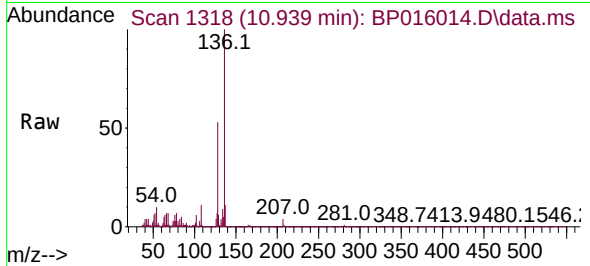
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#30
Naphthalene
Concen: 1.896 ng/ul
RT: 10.939 min Scan# 1318
Delta R.T. 0.018 min
Lab File: BP016014.D
Acq: 05 Jul 2023 15:16

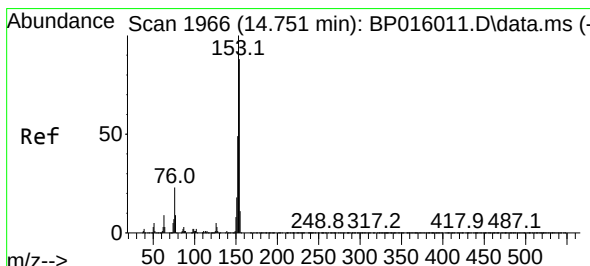
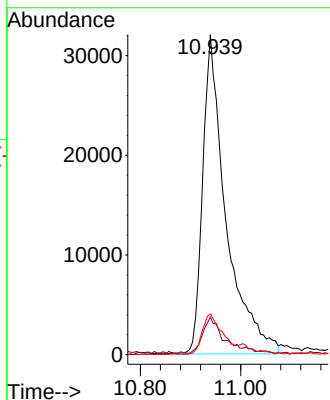
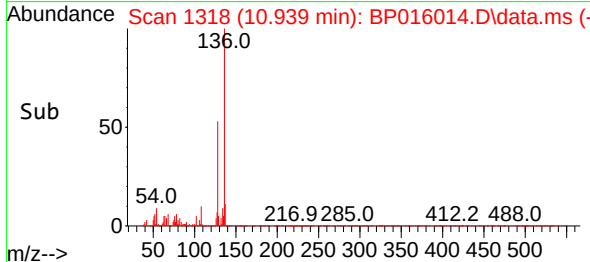
Instrument :
BNA_P
ClientSampleId :
DCGE7DL



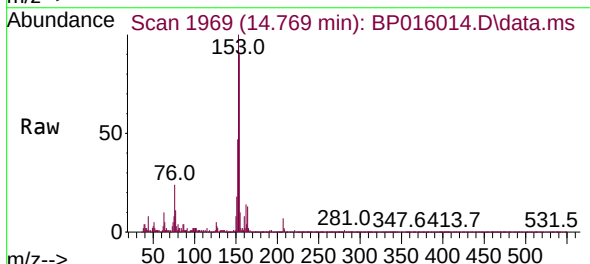
Tgt Ion:128 Resp: 103499
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 12.7 10.3 15.5

Manual Integrations
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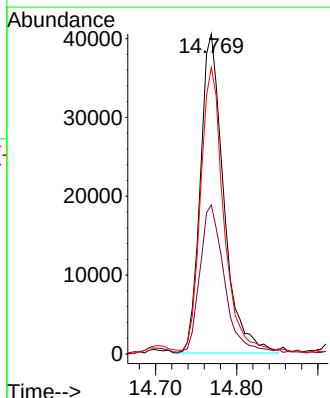
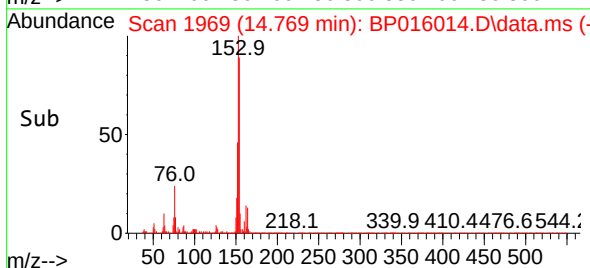
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

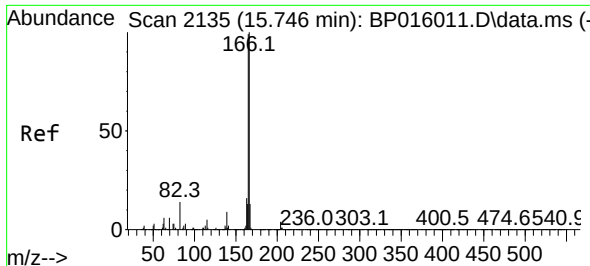


#52
Acenaphthene
Concen: 2.132 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP016014.D
Acq: 05 Jul 2023 15:16



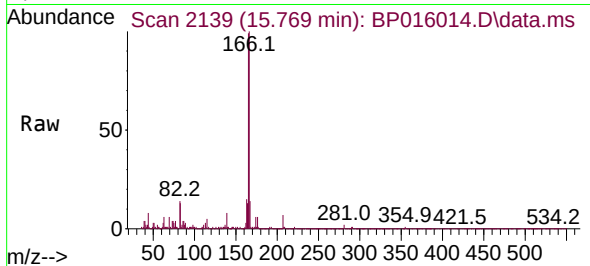
Tgt Ion:153 Resp: 81203
Ion Ratio Lower Upper
153 100
152 46.6 39.4 59.2
154 89.6 71.4 107.2





#61
Fluorene
Concen: 2.080 ng/ul
RT: 15.769 min Scan# 2135
Delta R.T. 0.024 min
Lab File: BP016014.D
Acq: 05 Jul 2023 15:16

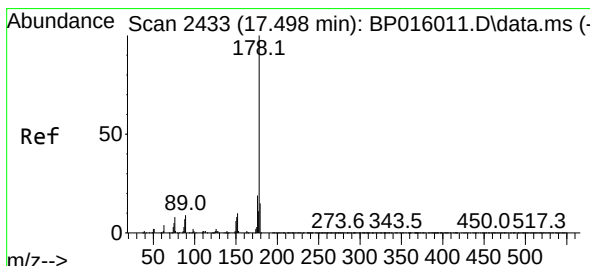
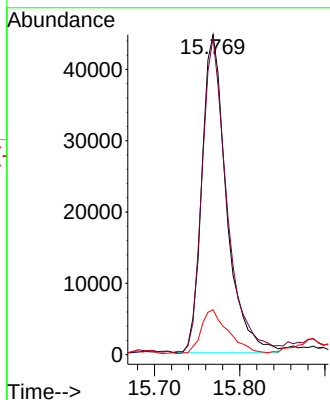
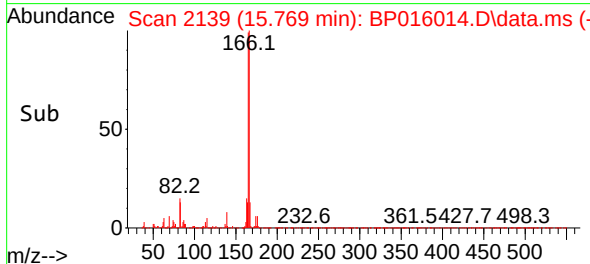
Instrument :
BNA_P
ClientSampleId :
DCGE7DL



Tgt Ion:166 Resp: 8923
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 14.0 10.5 15.7

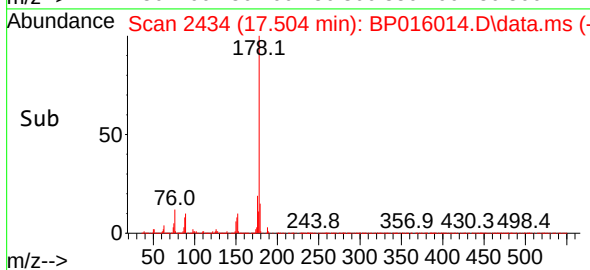
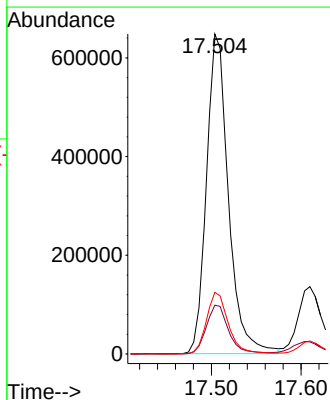
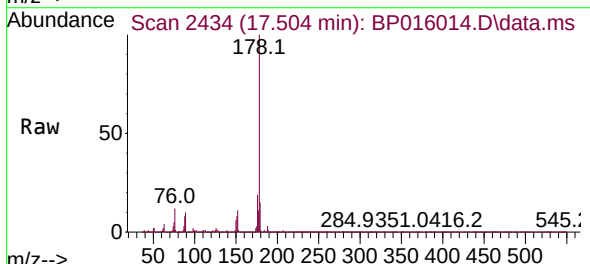
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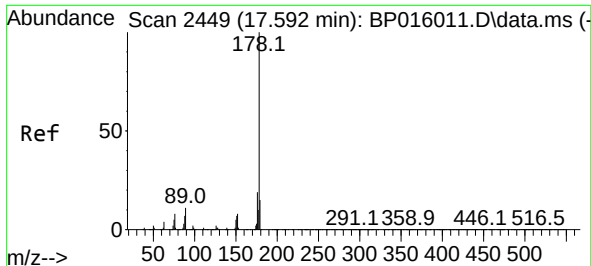
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#72
Phenanthrene
Concen: 19.902 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP016014.D
Acq: 05 Jul 2023 15:16

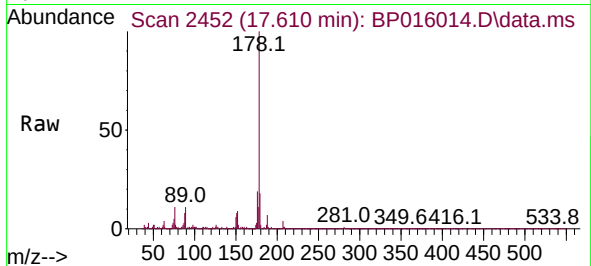
Tgt Ion:178 Resp: 1102928
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.2 15.6 23.4





#74
 Anthracene
 Concen: 4.367 ng/ul
 RT: 17.610 min Scan# 2449
 Delta R.T. 0.012 min
 Lab File: BP016014.D
 Acq: 05 Jul 2023 15:16

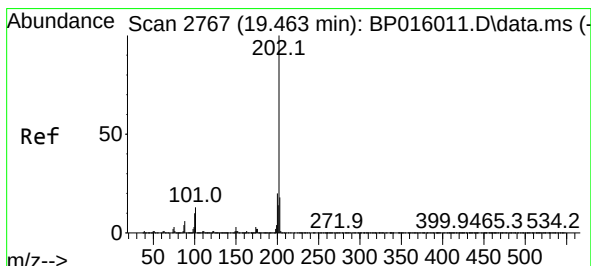
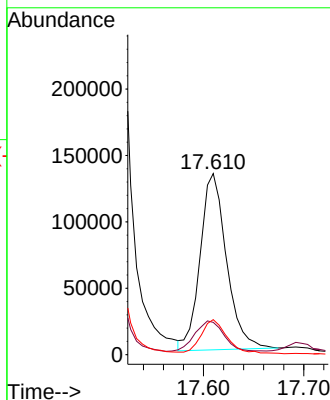
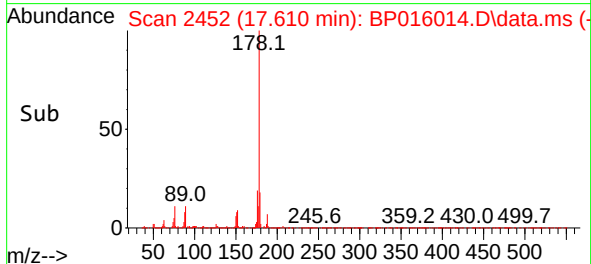
Instrument :
 BNA_P
 ClientSampleId :
 DCGE7DL



Tgt Ion:178 Resp: 243200
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.1 18.1
 176 19.4 14.6 22.0

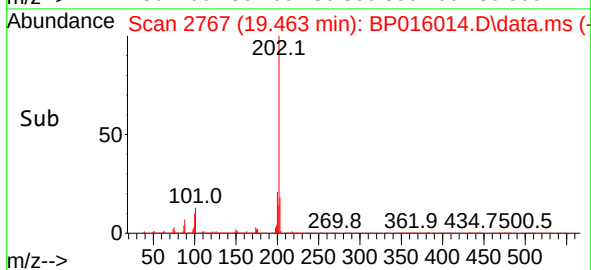
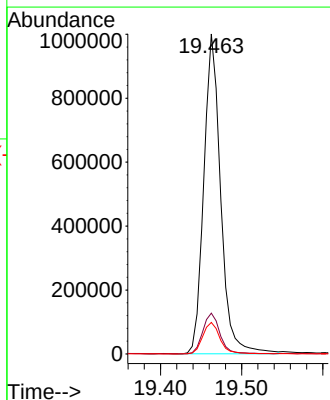
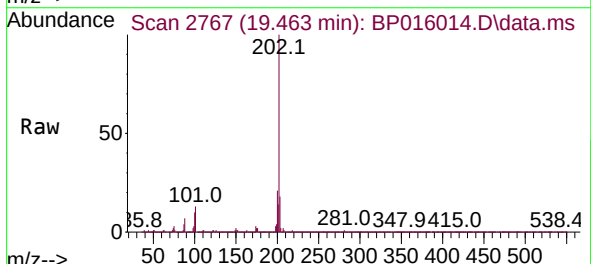
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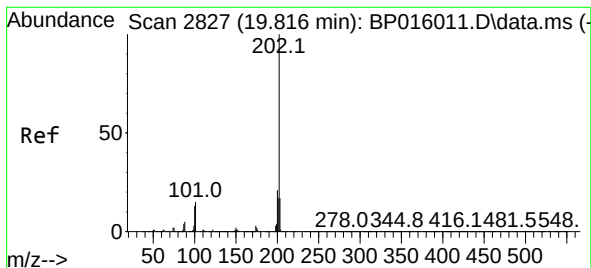
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



#80
 Fluoranthene
 Concen: 23.353 ng/ul
 RT: 19.463 min Scan# 2767
 Delta R.T. 0.000 min
 Lab File: BP016014.D
 Acq: 05 Jul 2023 15:16

Tgt Ion:202 Resp: 1443211
 Ion Ratio Lower Upper
 202 100
 101 12.8 8.3 12.5#
 100 9.9 6.6 9.8#





#82

Pyrene

Concen: 17.319 ng/ul

RT: 19.815 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016014.D

Acq: 05 Jul 2023 15:16

Instrument :

BNA_P

ClientSampleId :

DCGE7DL

Tgt Ion:202 Resp: 109181

Ion Ratio Lower Upper

202 100

101 16.4 9.3 13.9

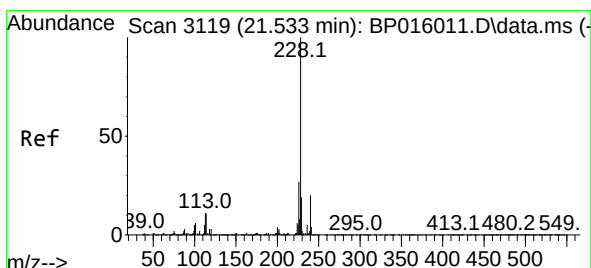
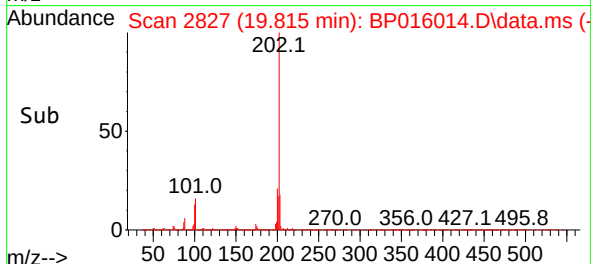
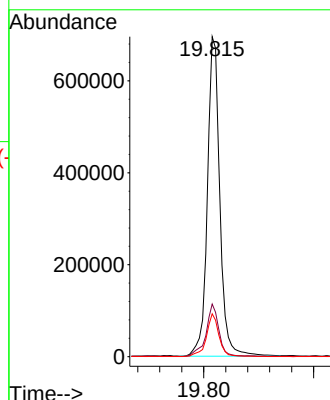
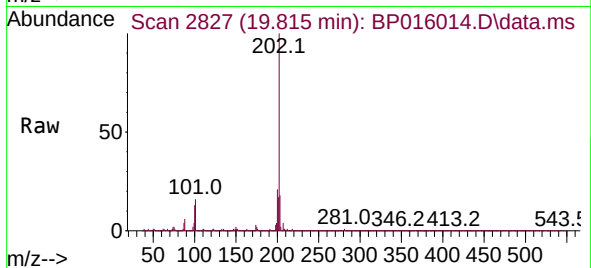
100 13.4 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#85

Benzo(a)anthracene

Concen: 11.494 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP016014.D

Acq: 05 Jul 2023 15:16

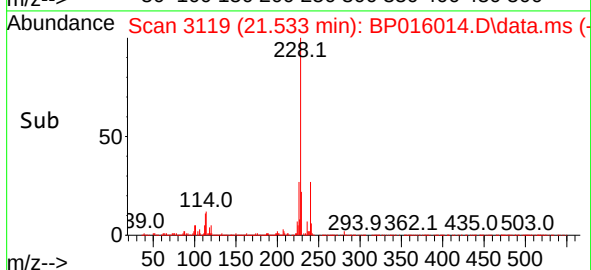
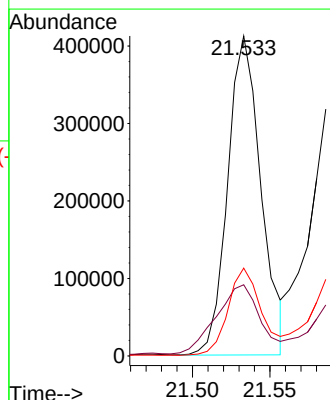
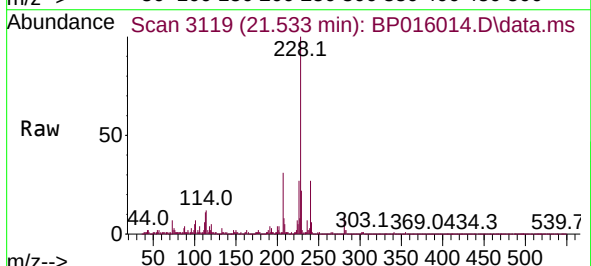
Tgt Ion:228 Resp: 615765

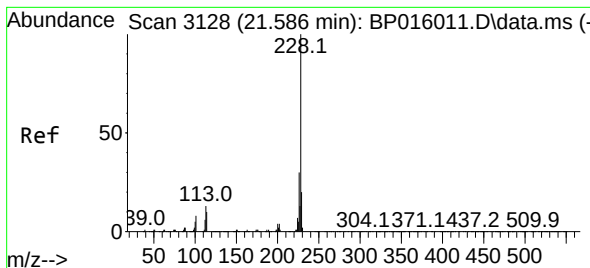
Ion Ratio Lower Upper

228 100

229 22.3 15.3 22.9

226 27.5 21.4 32.0





#87

Chrysene

Concen: 11.737 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP016014.D

Acq: 05 Jul 2023 15:16

Instrument :

BNA_P

ClientSampleId :

DCGE7DL

Tgt Ion:228 Resp: 59656

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

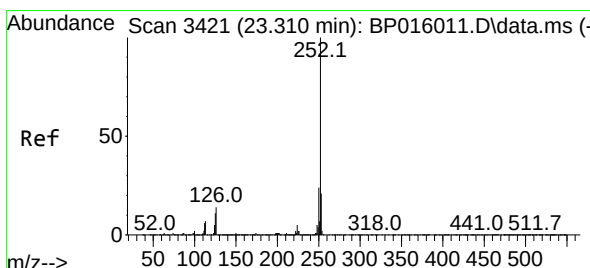
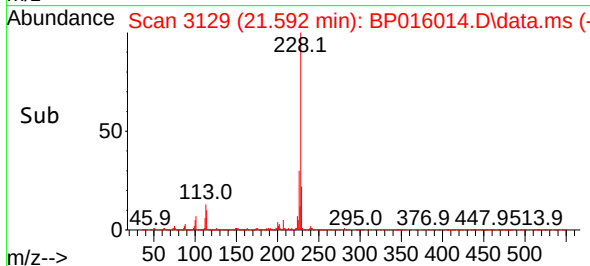
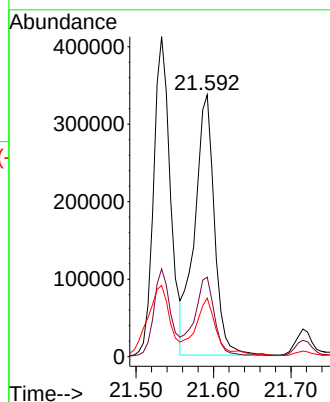
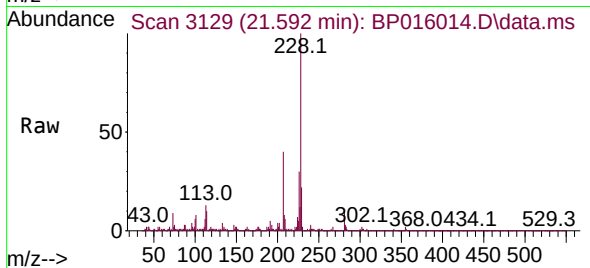
229 22.3 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#90

Benzo(b)fluoranthene

Concen: 13.384 ng/ul

RT: 23.309 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP016014.D

Acq: 05 Jul 2023 15:16

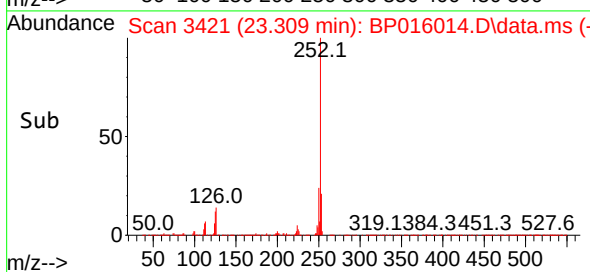
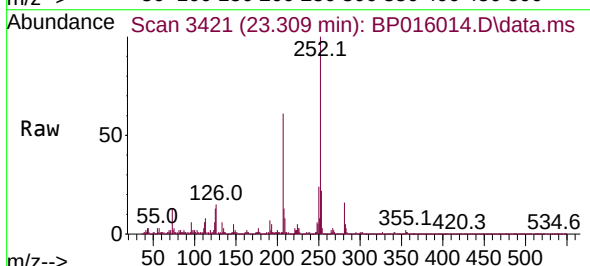
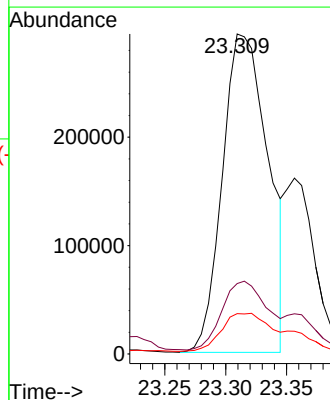
Tgt Ion:252 Resp: 766703

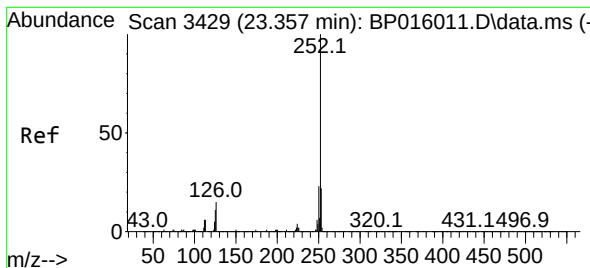
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 12.6 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 4.744 ng/ul m

RT: 23.356 min Scan# 3429

Delta R.T. 0.000 min

Lab File: BP016014.D

Acq: 05 Jul 2023 15:16

Instrument :

BNA_P

ClientSampleId :

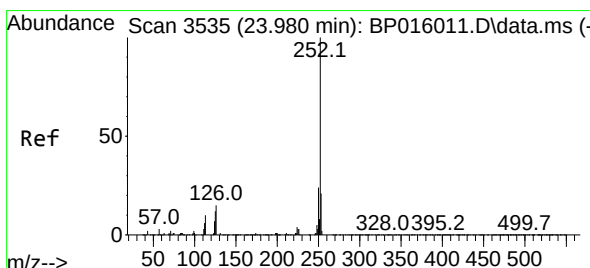
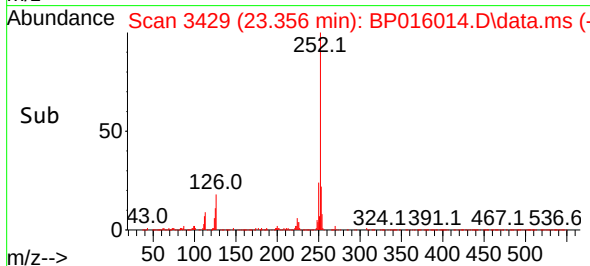
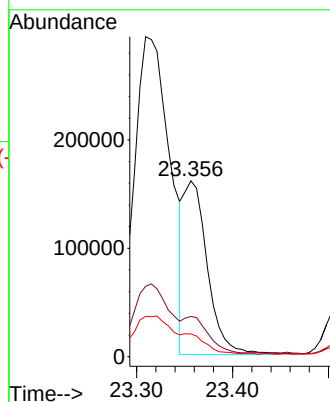
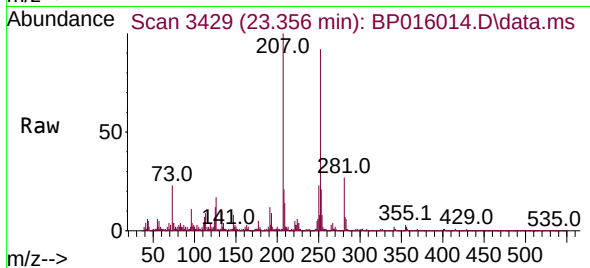
DCGE7DL

Tgt Ion:	252	Resp:	274569
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.0	25.4
125	12.9	7.3	10.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#93

Benzo(a)pyrene

Concen: 10.056 ng/ul

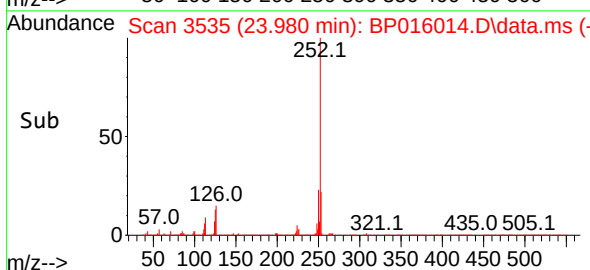
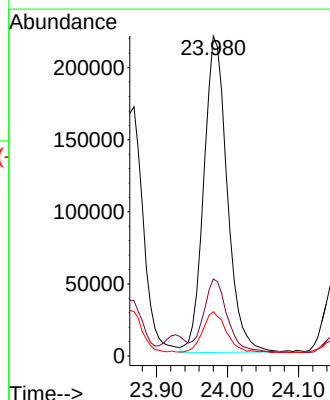
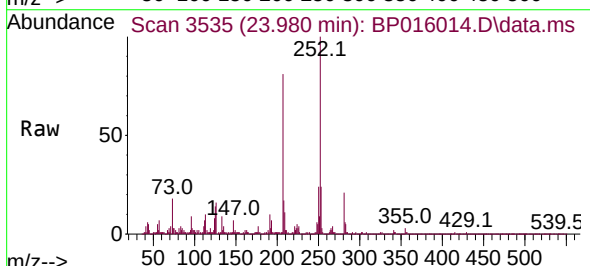
RT: 23.980 min Scan# 3535

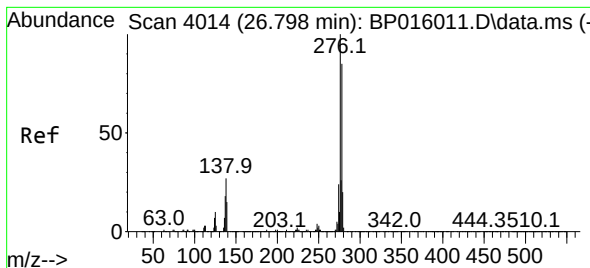
Delta R.T. 0.000 min

Lab File: BP016014.D

Acq: 05 Jul 2023 15:16

Tgt Ion:	252	Resp:	503377
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.7	26.5
125	13.9	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.133 ng/ul

RT: 26.803 min Scan# 4015

Delta R.T. 0.012 min

Lab File: BP016014.D

Acq: 05 Jul 2023 15:16

Instrument :

BNA_P

ClientSampleId :

DCGE7DL

Tgt Ion:276 Resp: 34876

Ion Ratio Lower Upper

276 100

138 23.7 15.7 23.5

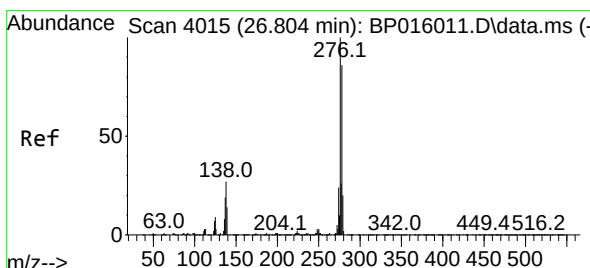
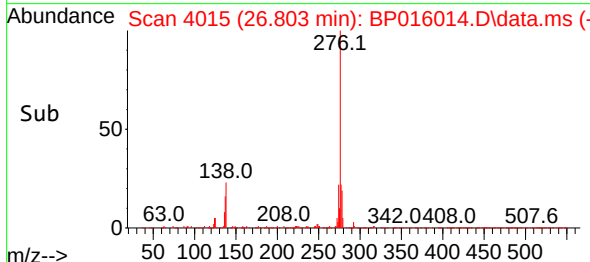
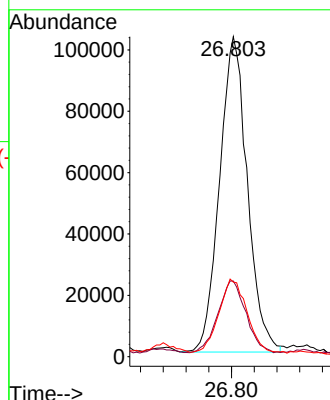
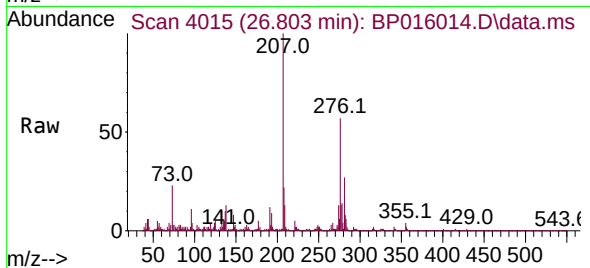
277 23.3 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.794 ng/ul

RT: 26.797 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP016014.D

Acq: 05 Jul 2023 15:16

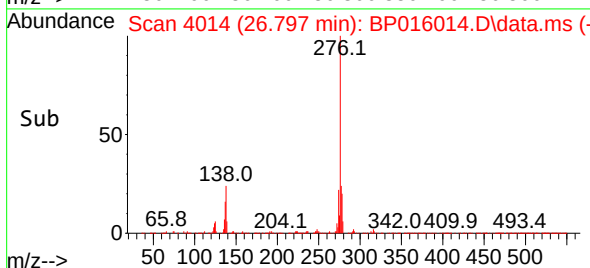
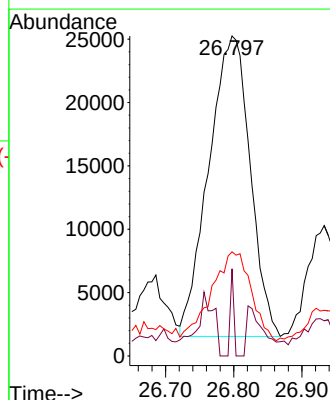
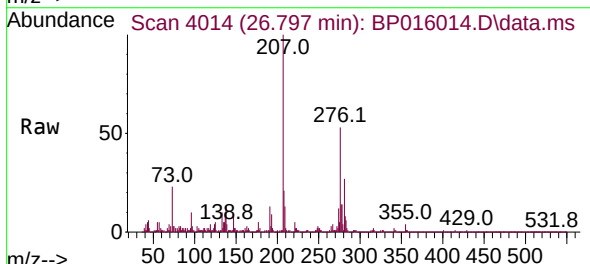
Tgt Ion:278 Resp: 100126

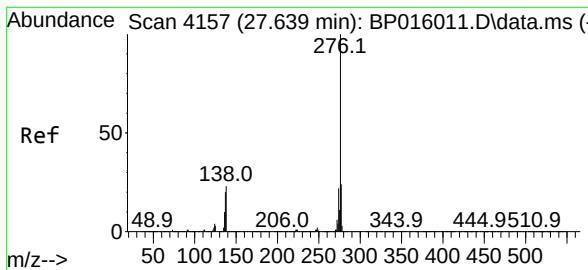
Ion Ratio Lower Upper

278 100

139 27.3 10.5 15.7#

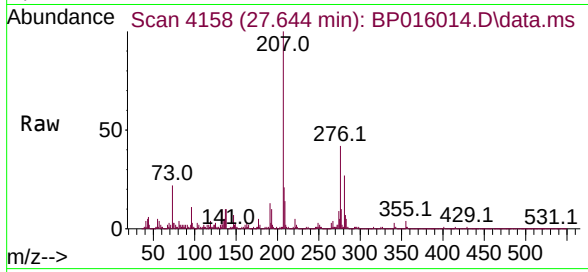
279 32.5 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 5.429 ng/ul
 RT: 27.644 min Scan# 4158
 Delta R.T. 0.018 min
 Lab File: BP016014.D
 Acq: 05 Jul 2023 15:16

Instrument :
 BNA_P
 ClientSampleId :
 DCGE7DL



Tgt Ion: 276 Resp: 303480

Ion	Ratio	Lower	Upper
276	100		
138	24.0	15.1	22.7
277	24.3	18.8	28.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

