

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015946.D
 Acq On : 03 Jul 2023 12:13
 Operator : MA/JU
 Sample : 03242-18DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 23:02:45 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	8.052	152	195009	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	873594	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.704	164	514546	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1051036	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	810912	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	928483	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3307	0.610	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.310	99	27564m	1.652	ng/ul	0.09
9) Bis-(2-Chloroethyl)eth...	7.410	67	24909m	2.413	ng/ul	0.04
11) 2-Chlorophenol-d4	7.646	132	30684	2.436	ng/ul	0.07
15) 4-Methylphenol-d8	8.916	113	27521m	2.088	ng/ul	0.14
21) Nitrobenzene-d5	9.322	128	13836m	2.072	ng/ul	0.09
24) 2-Nitrophenol-d4	10.069	143	14539m	1.866	ng/ul	0.11
28) 2,4-Dichlorophenol-d3	10.651	165	26425m	1.903	ng/ul	0.14
31) 4-Chloroaniline-d4	11.175	131	10091m	0.566	ng/ul	0.15
46) Dimethylphthalate-d6	14.134	166	102796	2.585	ng/ul	0.03
49) Acenaphthylene-d8	14.404	160	109031	2.439	ng/ul	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.710	176	85930	2.624	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.569	188	132689	2.764	ng/ul	0.01
81) Pyrene-d10	19.786	212	145286	2.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	130357	2.783	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.940	128	185178	3.899	ng/ul	99
36) 2-Methylnaphthalene	12.575	142	45015	1.440	ng/ul	93
50) Acenaphthylene	14.434	152	60947	1.237	ng/ul	97
52) Acenaphthene	14.769	153	131869	3.860	ng/ul	99
61) Fluorene	15.763	166	118155	3.072	ng/ul	97
72) Phenanthrene	17.504	178	1712840	29.998	ng/ul	99
74) Anthracene	17.604	178	416743	7.264	ng/ul	97
80) Fluoranthene	19.463	202	3233315	49.133	ng/ul#	94
82) Pyrene	19.816	202	2663555	39.678	ng/ul#	91
85) Benzo(a)anthracene	21.527	228	1566606	27.463	ng/ul	97
87) Chrysene	21.586	228	1617031	29.878	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	2476437	41.510	ng/ul#	97
91) Benzo(k)fluoranthene	23.351	252	828106	13.738	ng/ul#	96
93) Benzo(a)pyrene	23.974	252	1638884	31.439	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	1330472	18.801	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.780	278	374985	6.451	ng/ul#	79
96) Benzo(g,h,i)perylene	27.621	276	1178745	20.247	ng/ul#	94

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

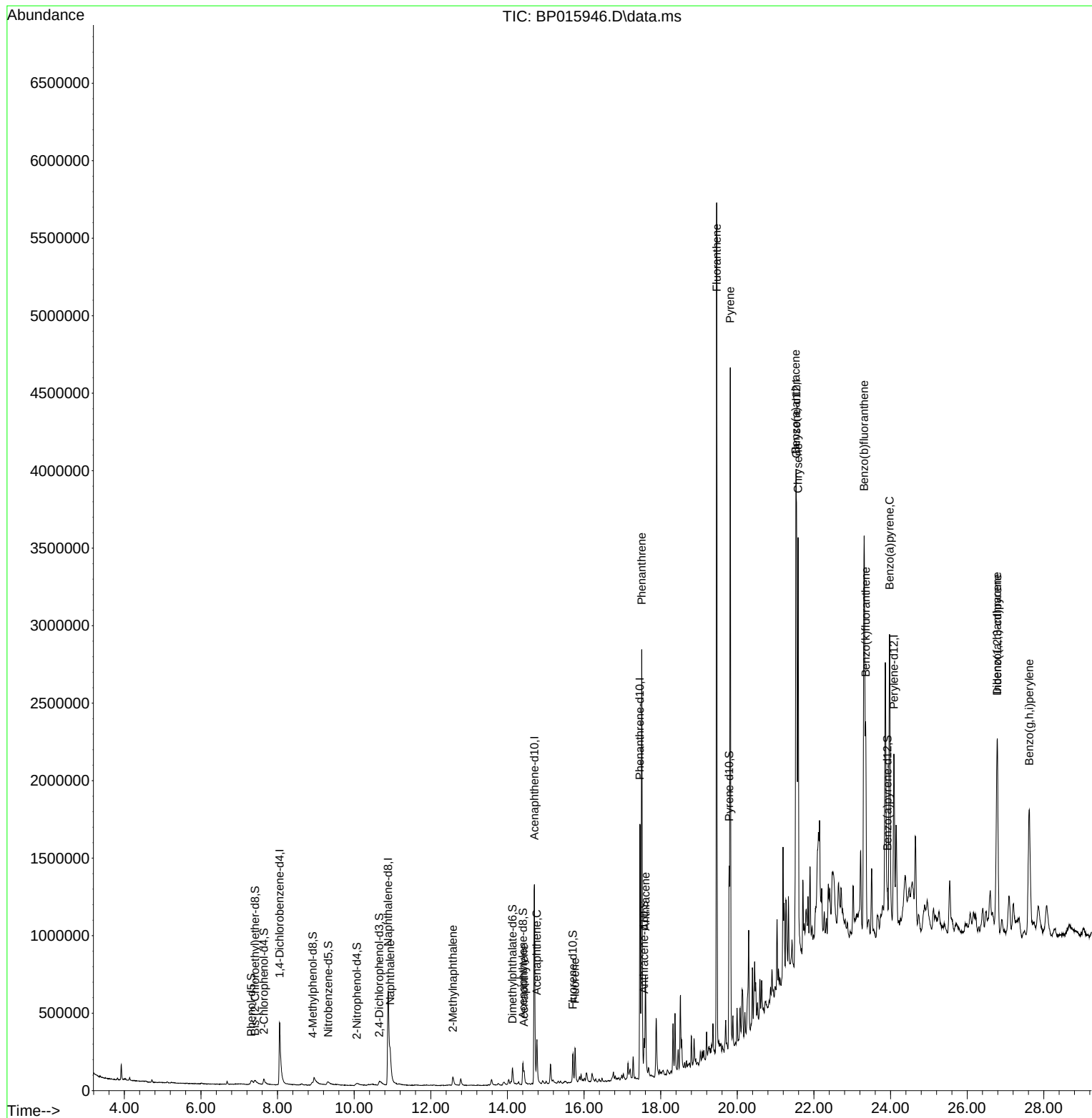
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015946.D
Acq On : 03 Jul 2023 12:13
Operator : MA/JU
Sample : 03242-18DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

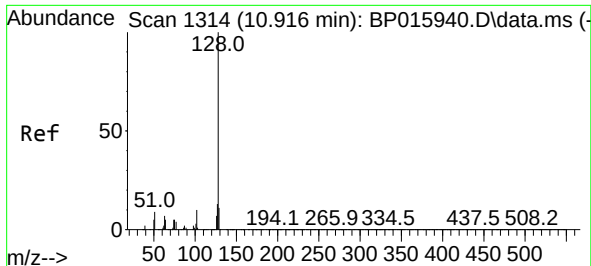
Instrument :
BNA_P
ClientSampleId :
DCGB9DL

Manual Integrations
APPROVED

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

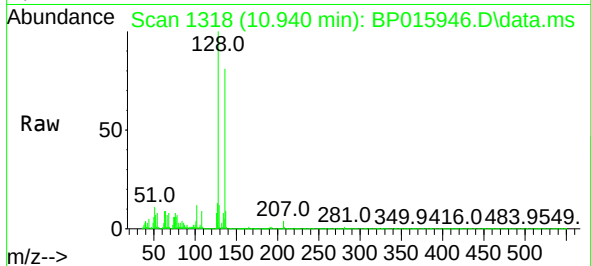
Quant Time: Jul 03 23:02:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#30
Naphthalene
Concen: 3.899 ng/ul
RT: 10.940 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

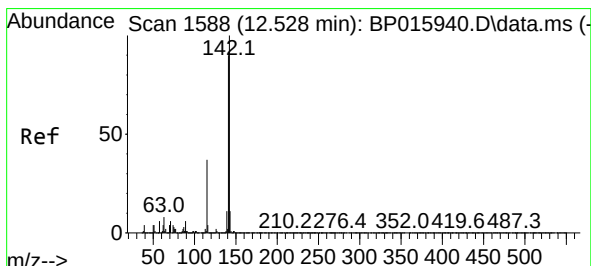
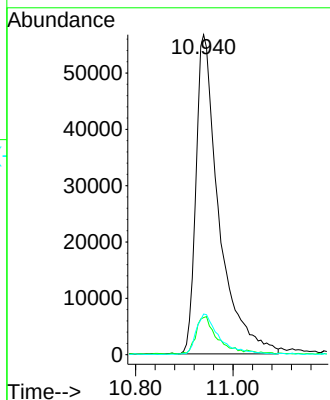
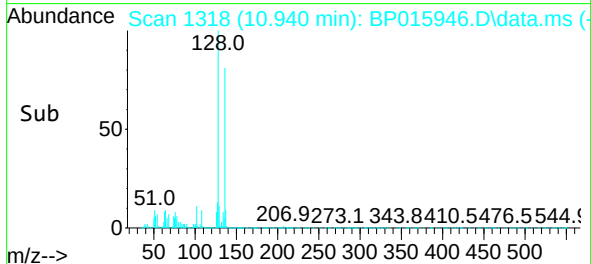
Instrument :
BNA_P
ClientSampleId :
DCGB9DL



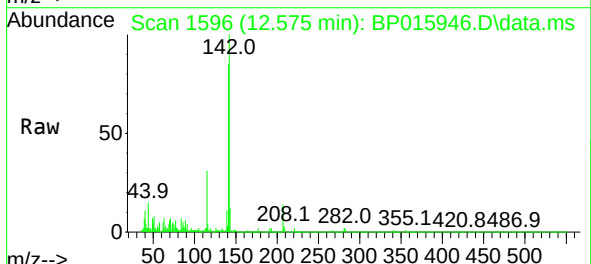
Tgt Ion:128 Resp: 185178
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 12.7 10.3 15.5

Manual Integrations
APPROVED

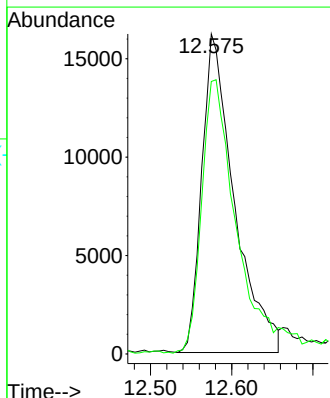
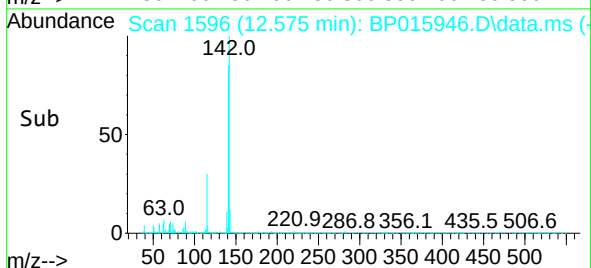
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

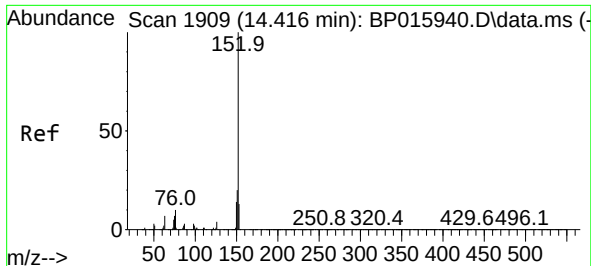


#36
2-Methylnaphthalene
Concen: 1.440 ng/ul
RT: 12.575 min Scan# 1596
Delta R.T. 0.047 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13



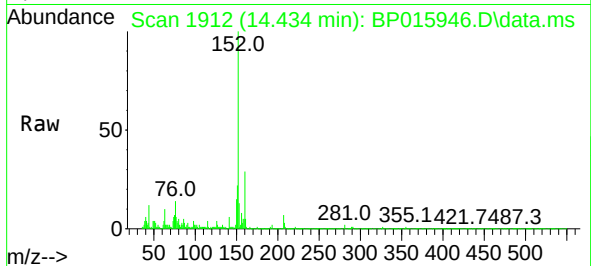
Tgt Ion:142 Resp: 45015
Ion Ratio Lower Upper
142 100
141 85.2 73.2 109.8





#50
Acenaphthylene
Concen: 1.237 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. 0.012 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

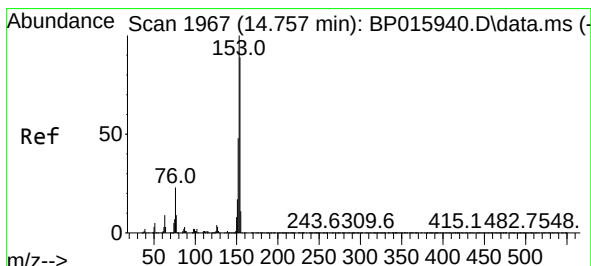
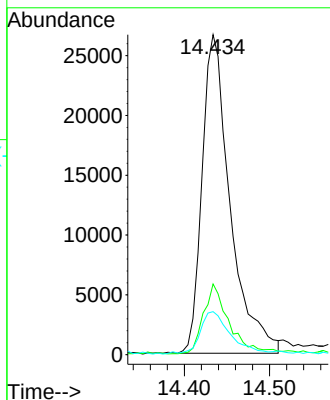
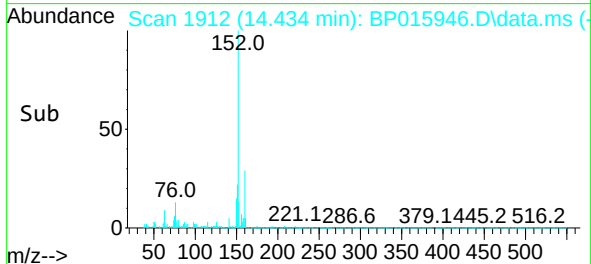
Instrument :
BNA_P
ClientSampleId :
DCGB9DL



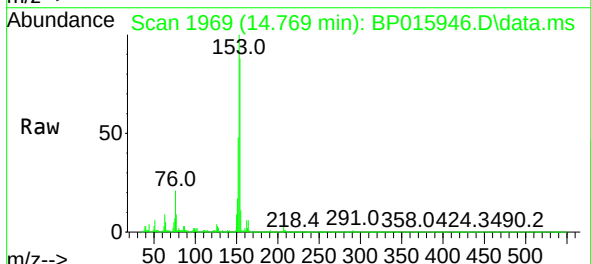
Tgt Ion:152 Resp: 6094
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.2
153 13.4 10.5 15.7

Manual Integrations
APPROVED

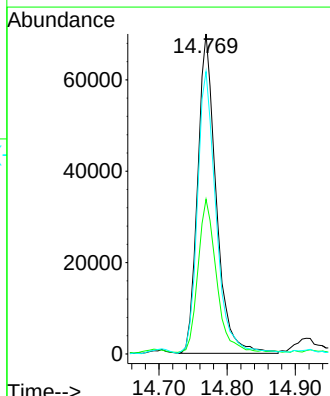
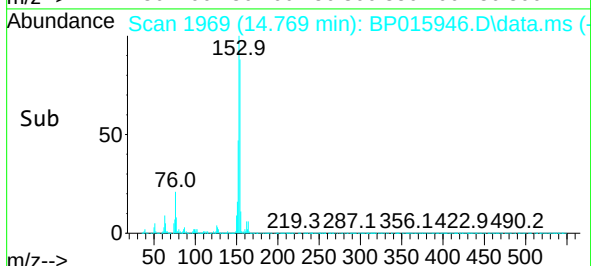
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

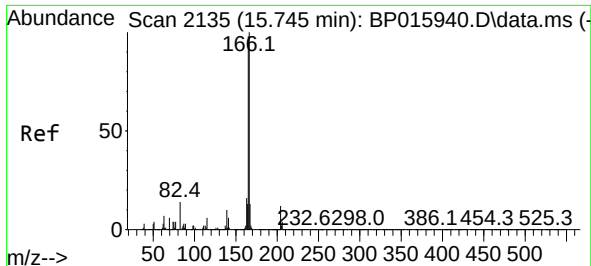


#52
Acenaphthene
Concen: 3.860 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13



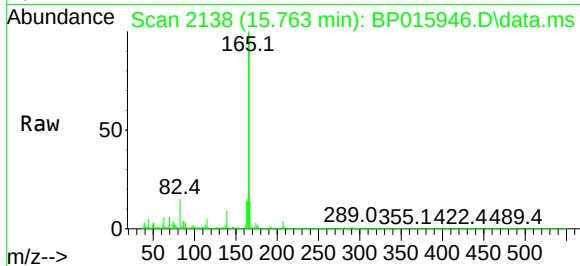
Tgt Ion:153 Resp: 131869
Ion Ratio Lower Upper
153 100
152 48.3 39.4 59.2
154 88.3 71.4 107.2





#61
Fluorene
Concen: 3.072 ng/ul
RT: 15.763 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

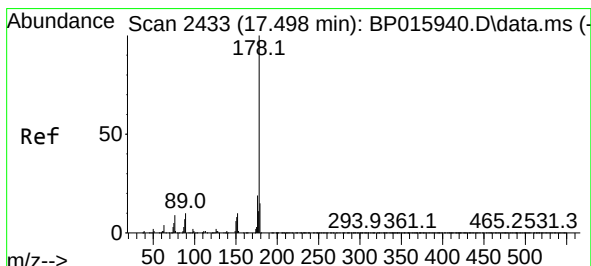
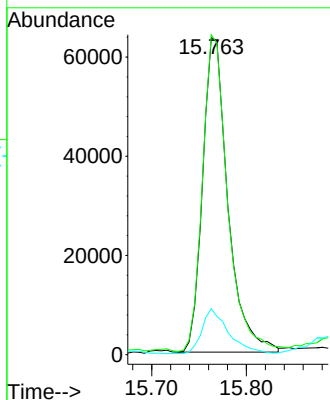
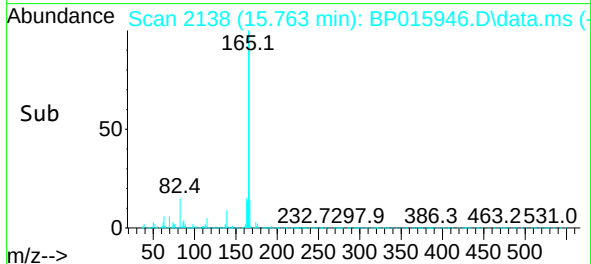
Instrument :
BNA_P
ClientSampleId :
DCGB9DL



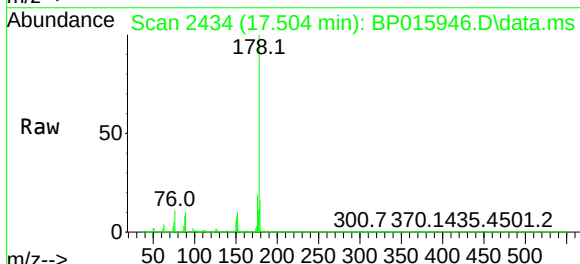
Tgt Ion:166 Resp: 11815
Ion Ratio Lower Upper
166 100
165 100.9 78.7 118.1
167 14.5 10.5 15.7

Manual Integrations
APPROVED

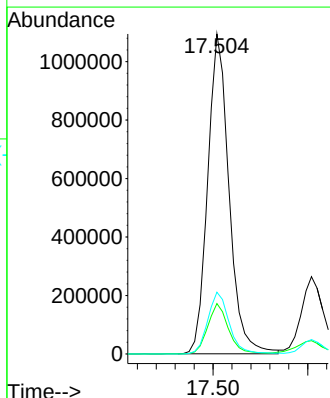
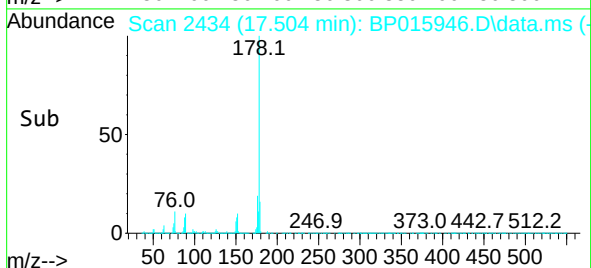
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

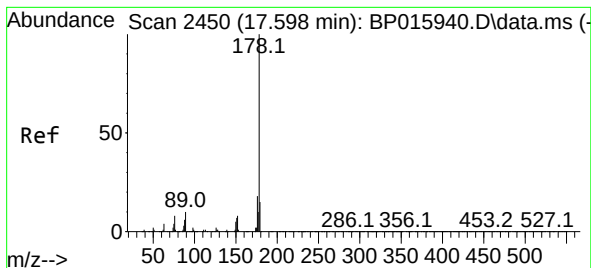


#72
Phenanthrene
Concen: 29.998 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13



Tgt Ion:178 Resp: 1712840
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.3 15.6 23.4





#74

Anthracene

Concen: 7.264 ng/ul

RT: 17.604 min Scan# 2450

Delta R.T. 0.006 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

DCGB9DL

Tgt Ion:178 Resp: 41674

Ion Ratio Lower Upper

178 100

179 17.1 12.1 18.1

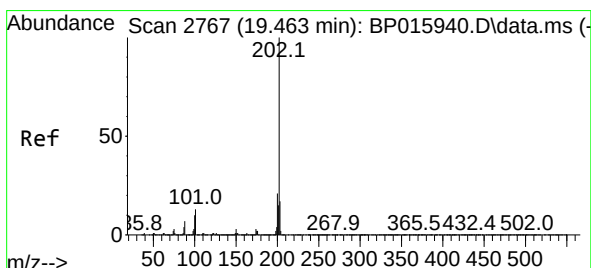
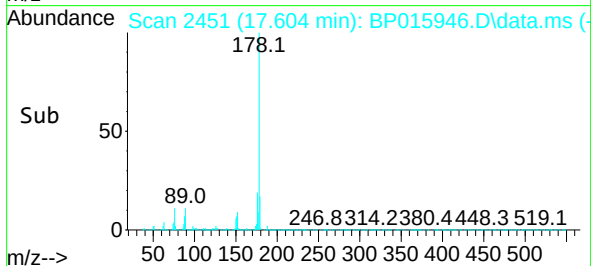
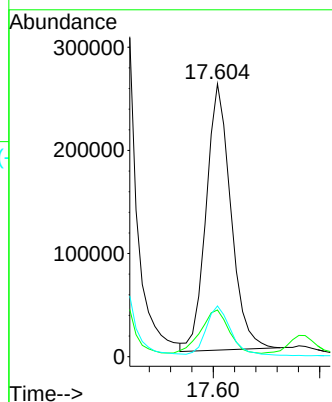
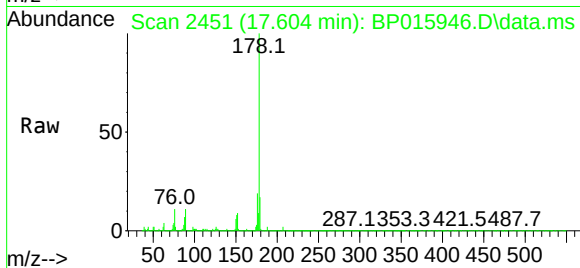
176 18.6 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#80

Fluoranthene

Concen: 49.133 ng/ul

RT: 19.463 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

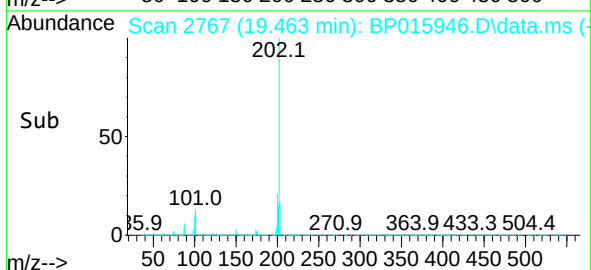
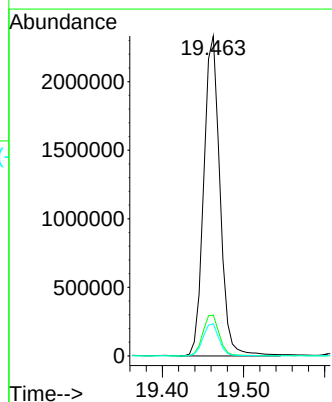
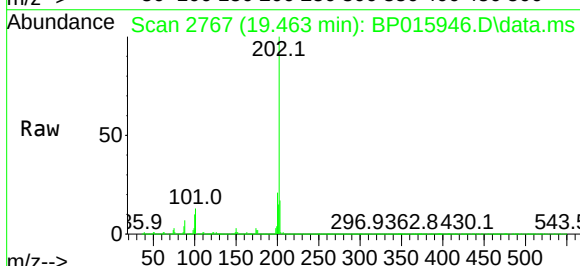
Tgt Ion:202 Resp: 3233315

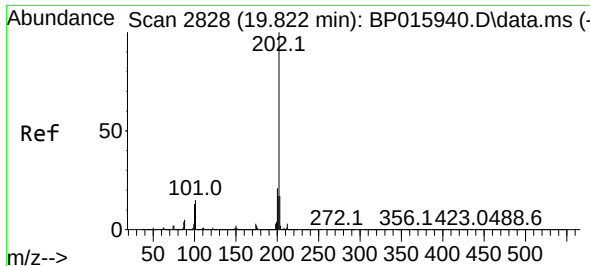
Ion Ratio Lower Upper

202 100

101 12.8 8.3 12.5#

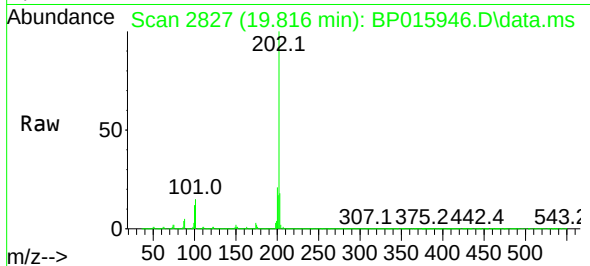
100 10.1 6.6 9.8#





#82
Pyrene
Concen: 39.678 ng/ul
RT: 19.816 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

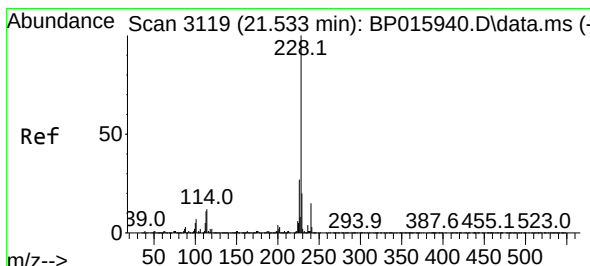
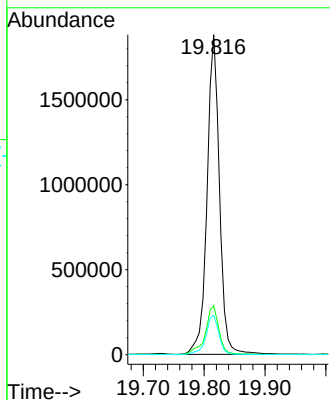
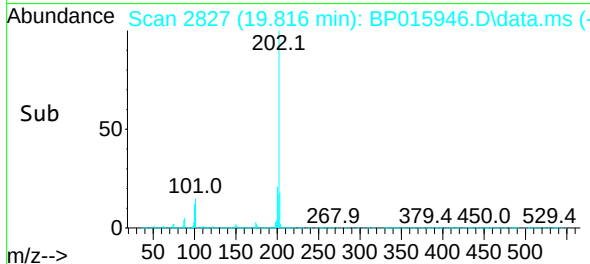
Instrument :
BNA_P
ClientSampleId :
DCGB9DL



Tgt Ion:202 Resp: 266355
Ion Ratio Lower Upper
202 100
101 15.3 9.3 13.9
100 12.3 7.6 11.4

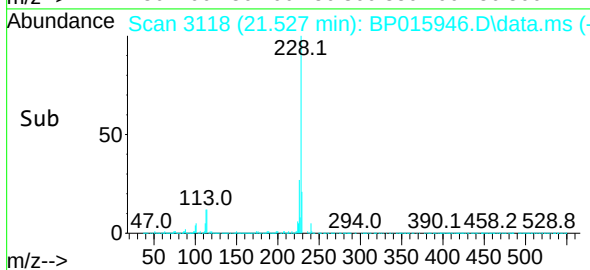
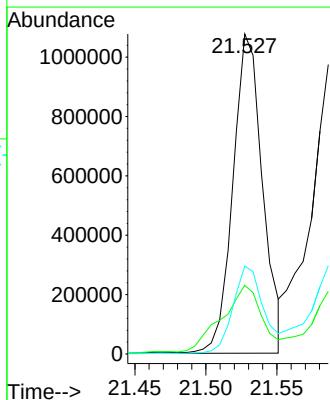
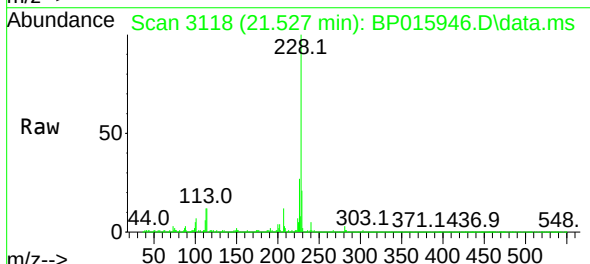
Manual Integrations
APPROVED

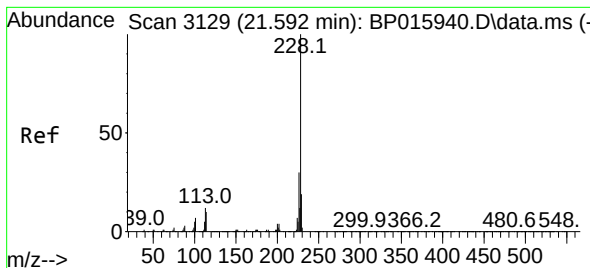
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#85
Benzo(a)anthracene
Concen: 27.463 ng/ul
RT: 21.527 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

Tgt Ion:228 Resp: 1566606
Ion Ratio Lower Upper
228 100
229 21.4 15.3 22.9
226 27.5 21.4 32.0





#87

Chrysene

Concen: 29.878 ng/u1

RT: 21.586 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

DCGB9DL

Tgt Ion:228 Resp: 161703

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

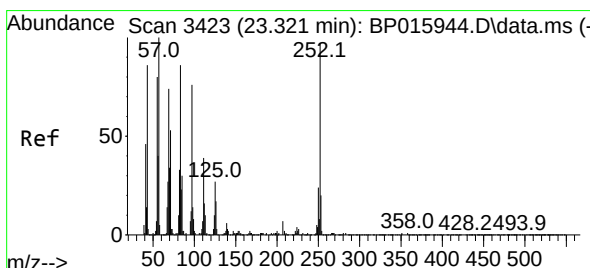
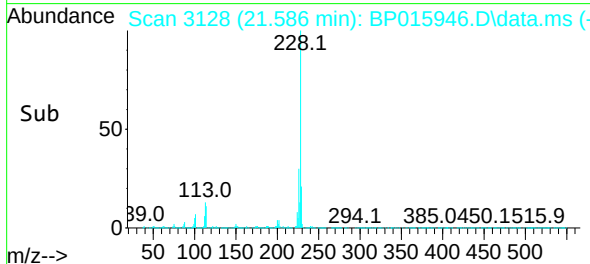
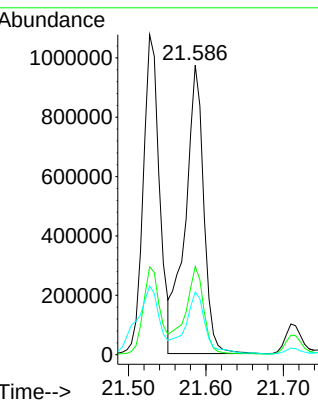
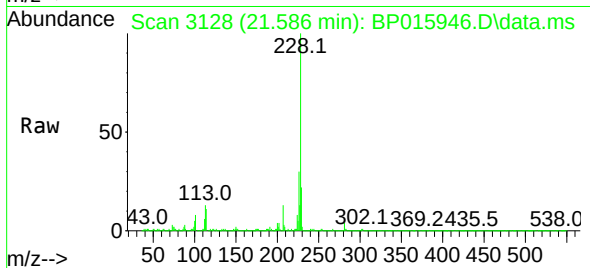
229 21.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#90

Benzo(b)fluoranthene

Concen: 41.510 ng/u1

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015946.D

Acq: 03 Jul 2023 12:13

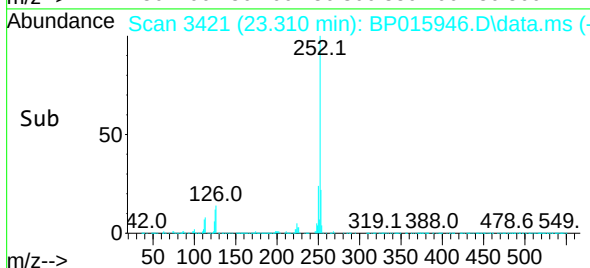
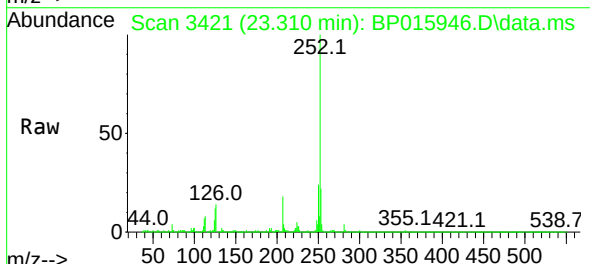
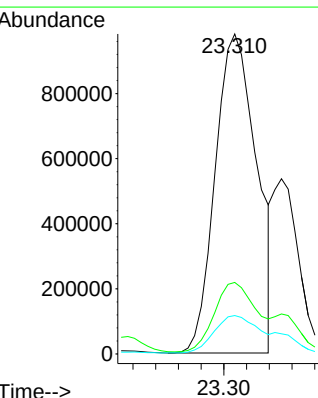
Tgt Ion:252 Resp: 2476437

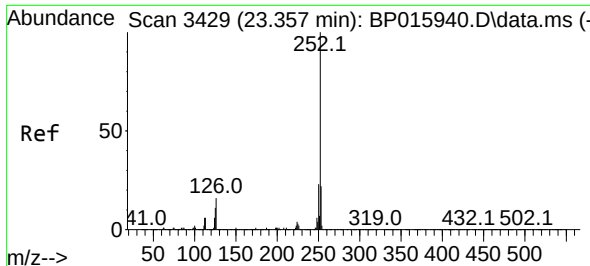
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 12.0 7.5 11.3#





#91
Benzo(k)fluoranthene
Concen: 13.738 ng/u1
RT: 23.351 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

Instrument :

BNA_P

ClientSampleId :

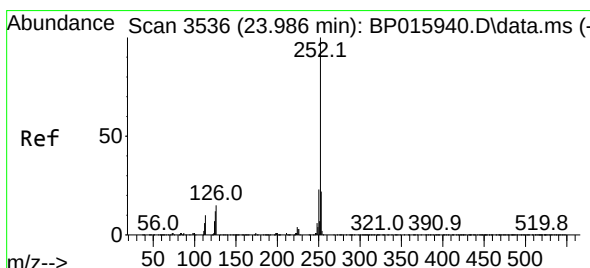
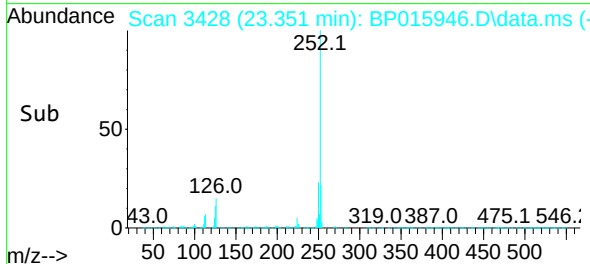
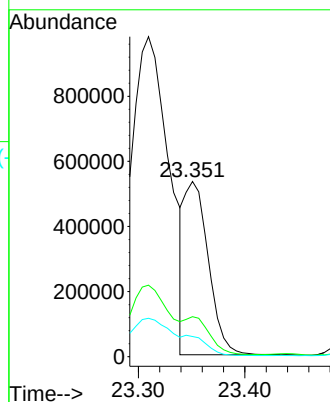
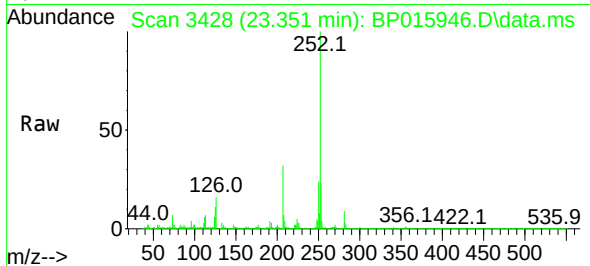
DCGB9DL

Tgt Ion:252 Resp: 828100
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 11.5 7.3 10.9

Manual Integrations

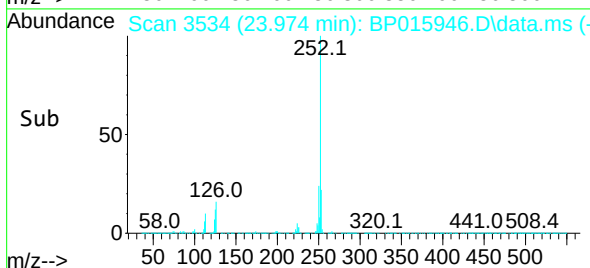
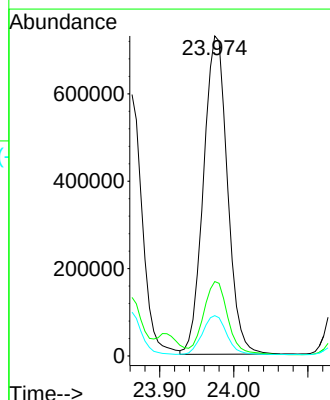
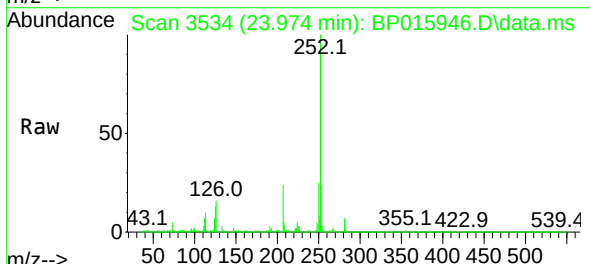
APPROVED

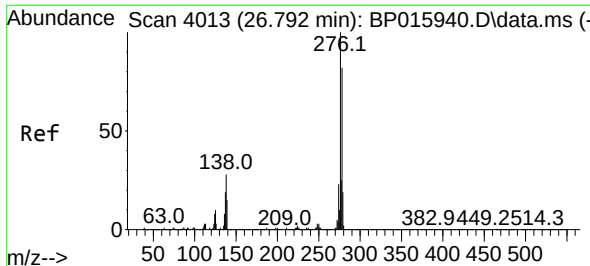
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#93
Benzo(a)pyrene
Concen: 31.439 ng/u1
RT: 23.974 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BP015946.D
Acq: 03 Jul 2023 12:13

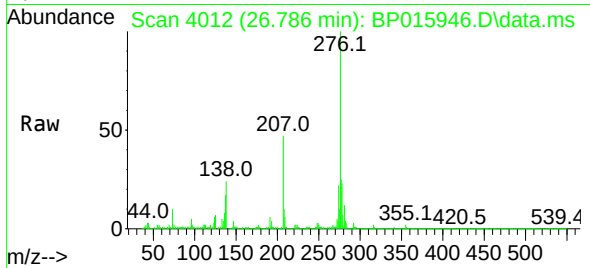
Tgt Ion:252 Resp: 1638884
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 12.6 8.2 12.2





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 18.801 ng/ul
 RT: 26.786 min Scan# 4012
 Delta R.T. -0.006 min
 Lab File: BP015946.D
 Acq: 03 Jul 2023 12:13

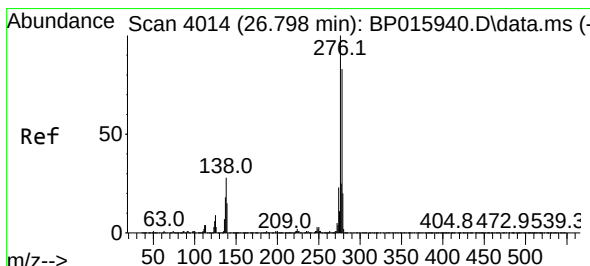
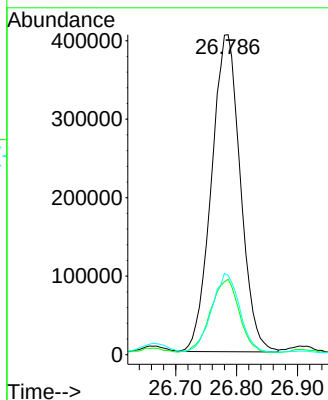
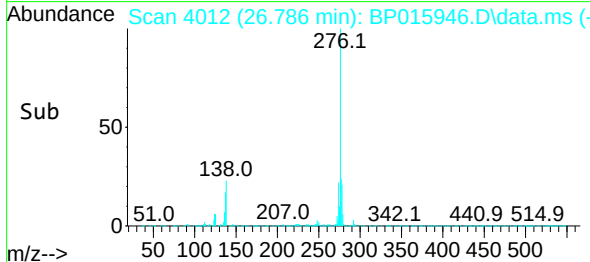
Instrument :
 BNA_P
 ClientSampleId :
 DCGB9DL



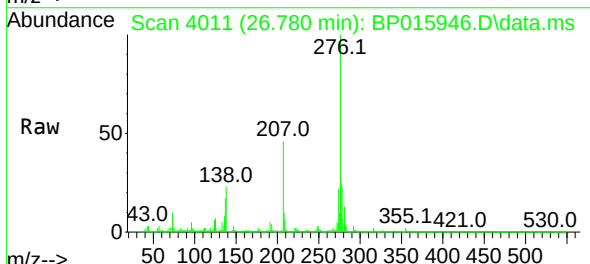
Tgt Ion:276 Resp: 1330472
 Ion Ratio Lower Upper
 276 100
 138 23.6 15.7 23.5#
 277 24.8 19.6 29.4#

Manual Integrations
 APPROVED

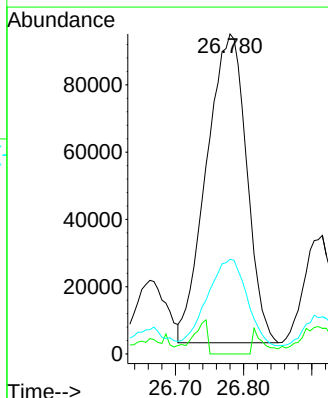
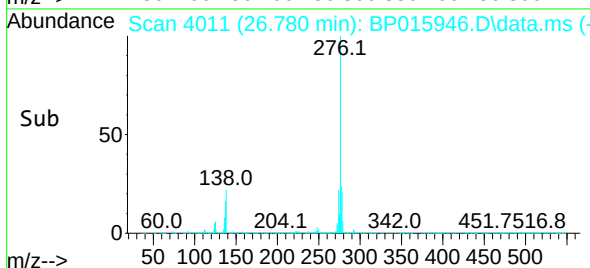
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

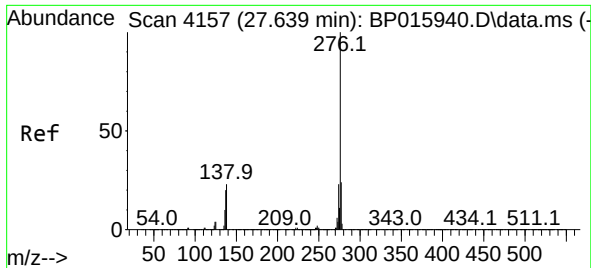


#95
 Dibenzo(a,h)anthracene
 Concen: 6.451 ng/ul
 RT: 26.780 min Scan# 4011
 Delta R.T. -0.017 min
 Lab File: BP015946.D
 Acq: 03 Jul 2023 12:13



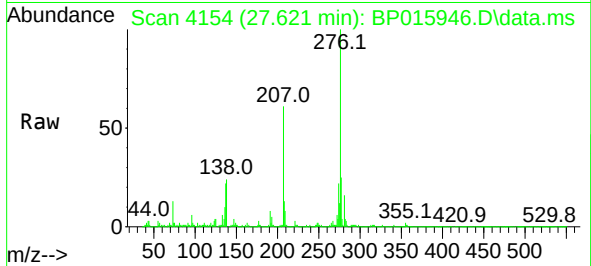
Tgt Ion:278 Resp: 374985
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.5 15.7#
 279 29.6 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 20.247 ng/ul
 RT: 27.621 min Scan# 4154
 Delta R.T. -0.006 min
 Lab File: BP015946.D
 Acq: 03 Jul 2023 12:13

Instrument :
 BNA_P
 ClientSampleId :
 DCGB9DL



Tgt Ion: 276 Resp: 117874

Ion	Ratio	Lower	Upper
276	100		
138	23.8	15.1	22.7
277	24.7	18.8	28.2

Manual Integrations
 APPROVED

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

