

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016013.D
 Acq On : 05 Jul 2023 14:42
 Operator : MA/JU
 Sample : 03244-07DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGE6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 22:03:05 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	8.058	152	213932	20.000	ng/u1	0.01
20) Naphthalene-d8	10.887	136	948081	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.698	164	547880	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	976157	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	710827	20.000	ng/u1	# 0.00
88) Perylene-d12	24.086	264	865921	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	4463	0.751	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.340	99	37546m	2.051	ng/u1	0.12
9) Bis-(2-Chloroethyl)eth...	7.417	67	46342m	4.092	ng/u1	0.05
11) 2-Chlorophenol-d4	7.640	132	51117	3.699	ng/u1	0.07
15) 4-Methylphenol-d8	8.911	113	52982m	3.664	ng/u1	0.13
21) Nitrobenzene-d5	9.316	128	25982m	3.586	ng/u1	0.08
24) 2-Nitrophenol-d4	10.087	143	26982m	3.191	ng/u1	0.13
28) 2,4-Dichlorophenol-d3	10.681	165	44493m	2.953	ng/u1	0.17
31) 4-Chloroaniline-d4	11.163	131	44855m	2.317	ng/u1	0.14
46) Dimethylphthalate-d6	14.134	166	194470	4.592	ng/u1	0.03
49) Acenaphthylene-d8	14.404	160	201356	4.230	ng/u1	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.710	176	158747	4.553	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.569	188	210264	4.716	ng/u1	0.01
81) Pyrene-d10	19.781	212	214393	4.619	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.922	264	216550	4.958	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.769	153	79372	2.182	ng/u1	97
61) Fluorene	15.763	166	83016	2.027	ng/u1	99
72) Phenanthrene	17.504	178	2004756	37.804	ng/u1	99
74) Anthracene	17.604	178	482851	9.061	ng/u1	98
80) Fluoranthene	19.457	202	4530268m	78.534	ng/u1	
82) Pyrene	19.816	202	3529090	59.974	ng/u1#	92
85) Benzo(a)anthracene	21.528	228	2103509	42.067	ng/u1	98
87) Chrysene	21.586	228	2212961	46.647	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	3030344	54.464	ng/u1#	98
91) Benzo(k)fluoranthene	23.351	252	994772	17.696	ng/u1#	96
93) Benzo(a)pyrene	23.980	252	1806953	37.167	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	26.786	276	1304590	19.767	ng/u1	97
95) Dibenzo(a,h)anthracene	26.786	278	384158	7.086	ng/u1#	81
96) Benzo(g,h,i)perylene	27.633	276	1141114	21.017	ng/u1#	95

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

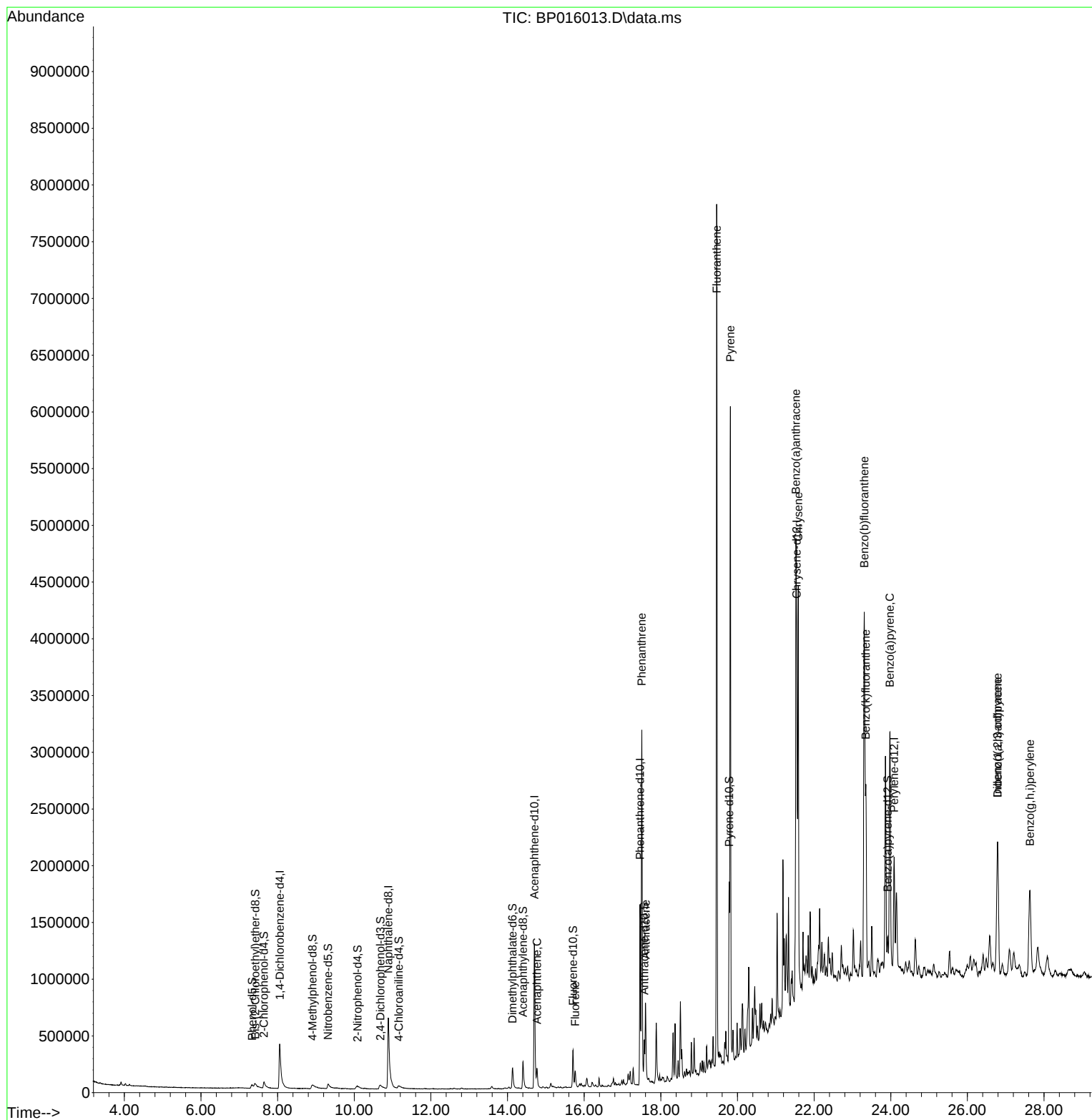
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016013.D
Acq On : 05 Jul 2023 14:42
Operator : MA/JU
Sample : 03244-07DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

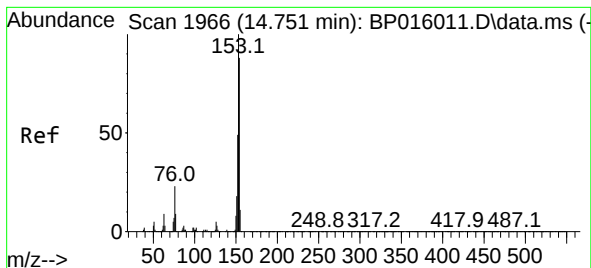
Instrument :
BNA_P
ClientSampleId :
DCGE6DL

Quant Time: Jul 05 22:03:05 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

Manual Integrations
APPROVED

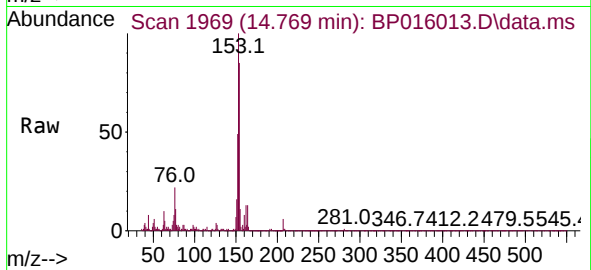
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#52
Acenaphthene
Concen: 2.182 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP016013.D
Acq: 05 Jul 2023 14:42

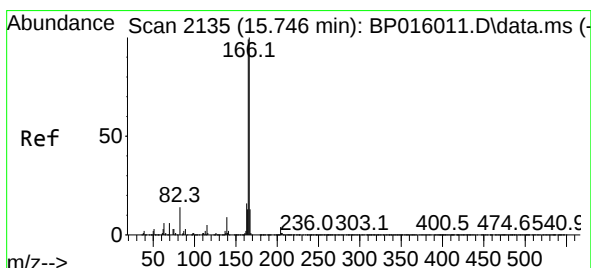
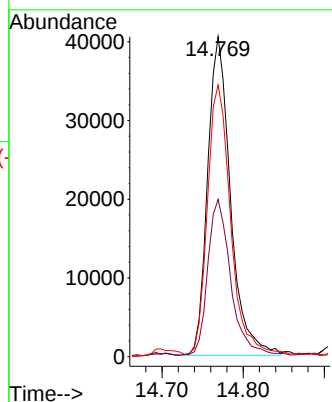
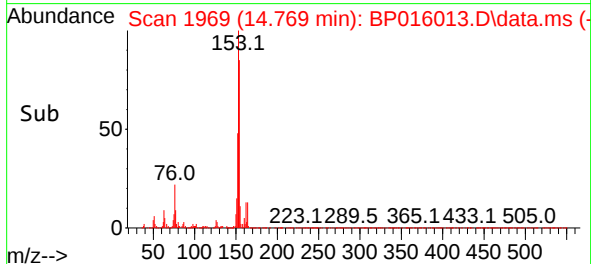
Instrument :
BNA_P
ClientSampleId :
DCGE6DL



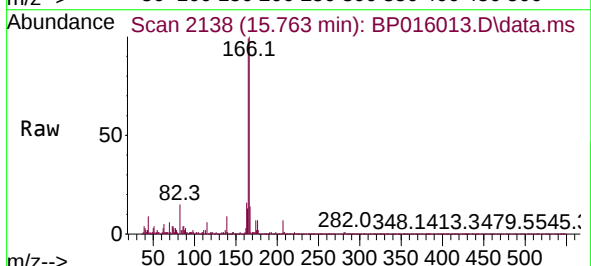
Tgt Ion:153 Resp: 79372
Ion Ratio Lower Upper
153 100
152 49.1 39.4 59.2
154 84.9 71.4 107.2

Manual Integrations
APPROVED

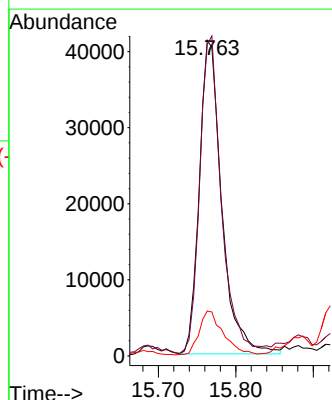
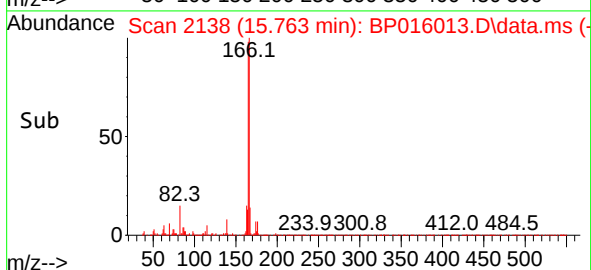
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

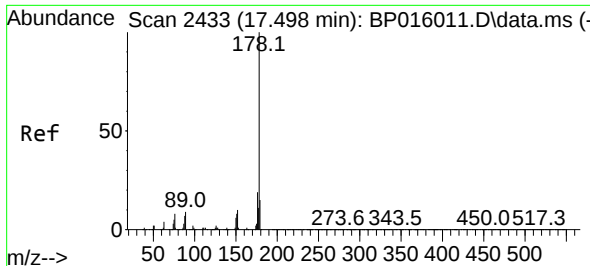


#61
Fluorene
Concen: 2.027 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.018 min
Lab File: BP016013.D
Acq: 05 Jul 2023 14:42



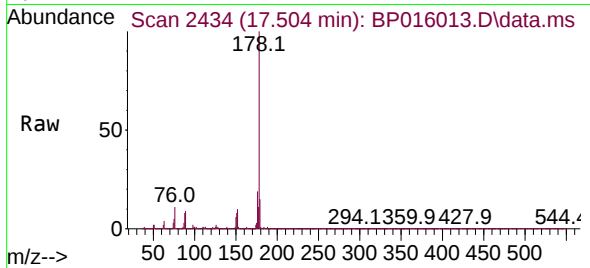
Tgt Ion:166 Resp: 83016
Ion Ratio Lower Upper
166 100
165 98.7 78.7 118.1
167 14.3 10.5 15.7





#72
Phenanthrene
Concen: 37.804 ng/u1
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP016013.D
Acq: 05 Jul 2023 14:42

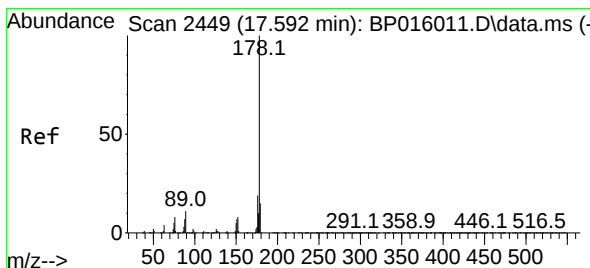
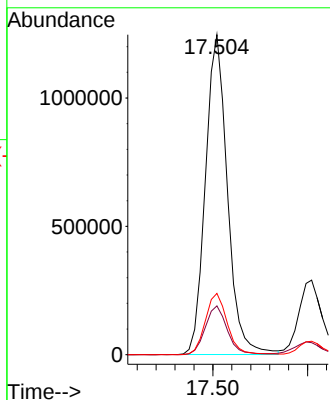
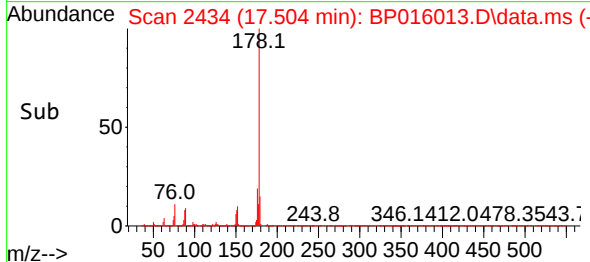
Instrument :
BNA_P
ClientSampleId :
DCGE6DL



Tgt Ion:178 Resp: 2004750
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.2 15.6 23.4

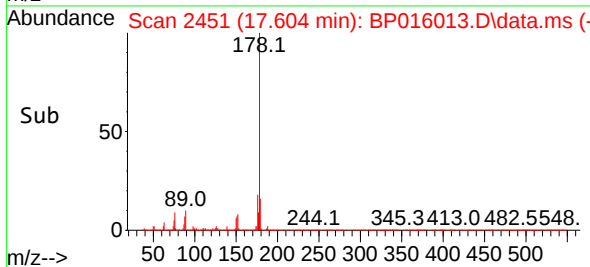
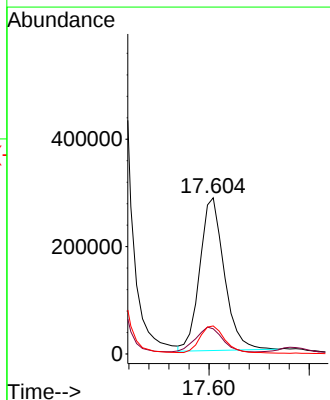
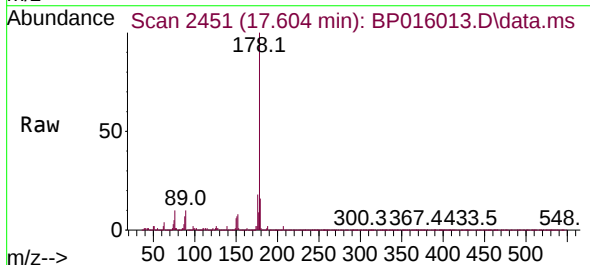
Manual Integrations
APPROVED

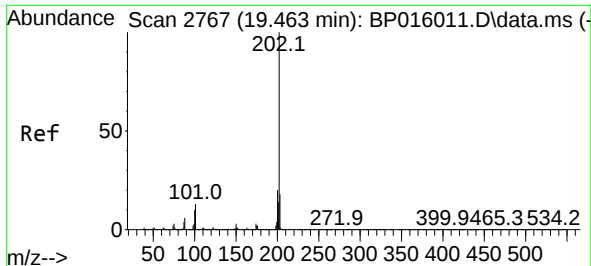
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#74
Anthracene
Concen: 9.061 ng/u1
RT: 17.604 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BP016013.D
Acq: 05 Jul 2023 14:42

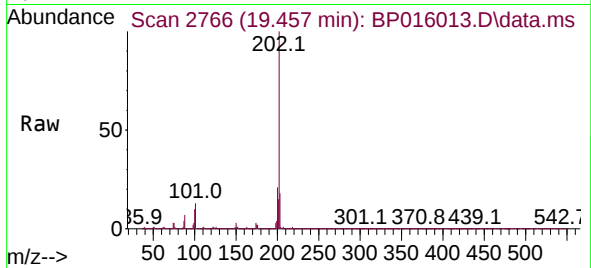
Tgt Ion:178 Resp: 482851
Ion Ratio Lower Upper
178 100
179 16.1 12.1 18.1
176 17.9 14.6 22.0





#80
Fluoranthene
Concen: 78.534 ng/ul m
RT: 19.457 min Scan# 2766
Delta R.T. -0.005 min
Lab File: BP016013.D
Acq: 05 Jul 2023 14:42

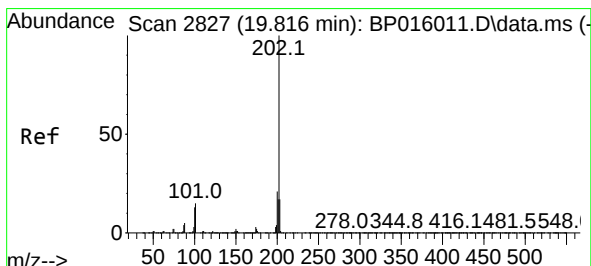
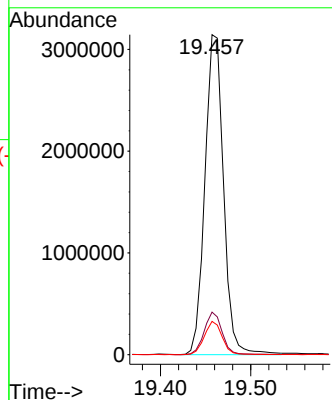
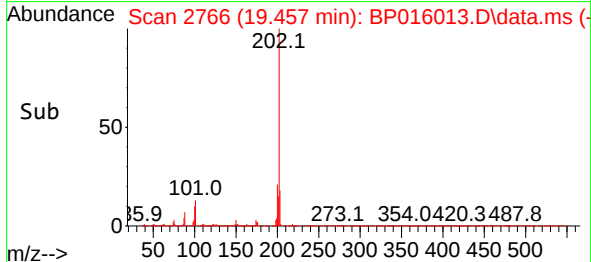
Instrument :
BNA_P
ClientSampleId :
DCGE6DL



Tgt Ion:202 Resp: 4530268
Ion Ratio Lower Upper
202 100
101 13.3 8.3 12.5#
100 10.4 6.6 9.8#

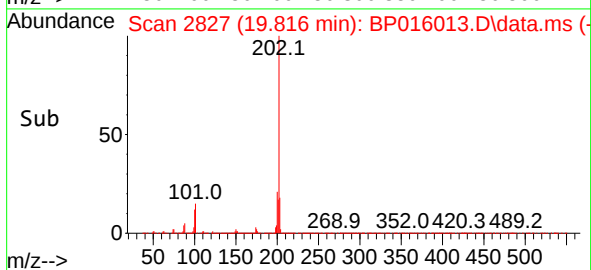
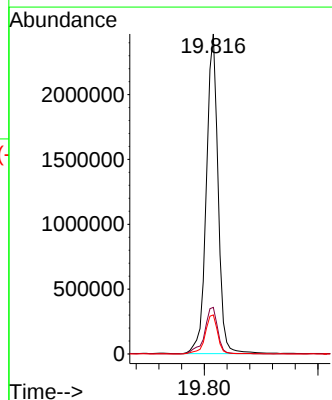
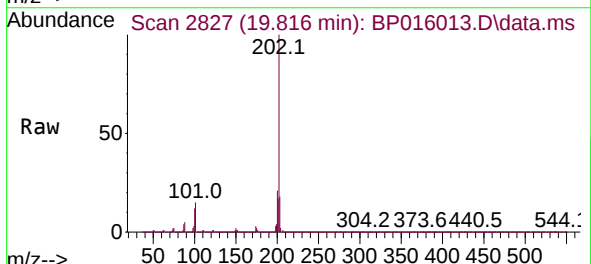
Manual Integrations
APPROVED

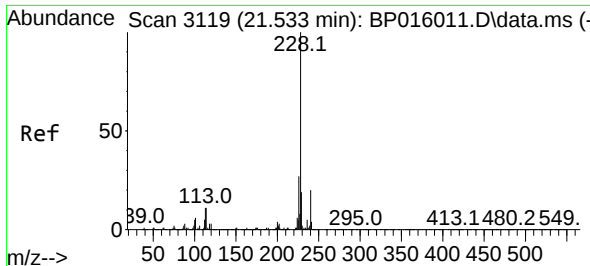
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#82
Pyrene
Concen: 59.974 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP016013.D
Acq: 05 Jul 2023 14:42

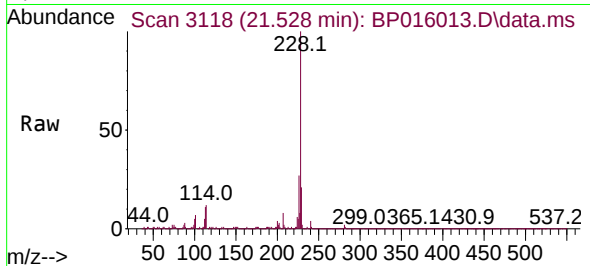
Tgt Ion:202 Resp: 3529090
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9#
100 12.2 7.6 11.4#





#85
Benzo(a)anthracene
Concen: 42.067 ng/ul
RT: 21.528 min Scan# 3118
Delta R.T. -0.005 min
Lab File: BP016013.D
Acq: 05 Jul 2023 14:42

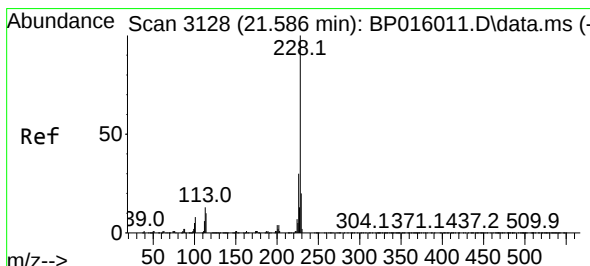
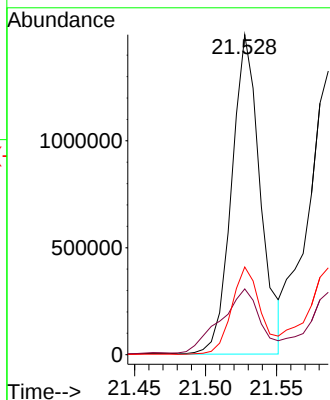
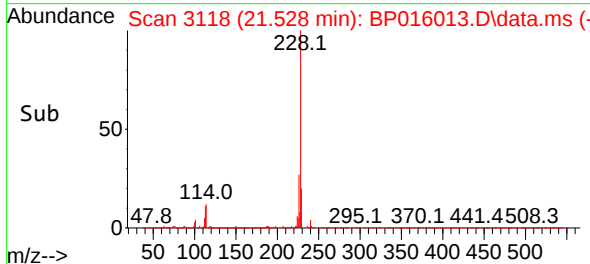
Instrument :
BNA_P
ClientSampleId :
DCGE6DL



Tgt Ion:228 Resp: 2103509
Ion Ratio Lower Upper
228 100
229 20.6 15.3 22.9
226 27.4 21.4 32.0

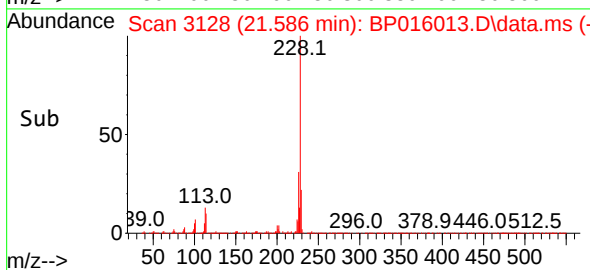
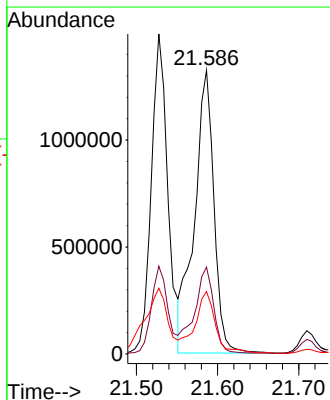
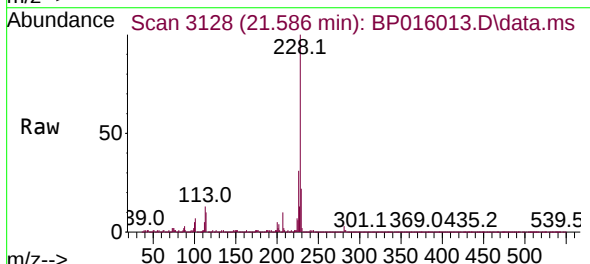
Manual Integrations
APPROVED

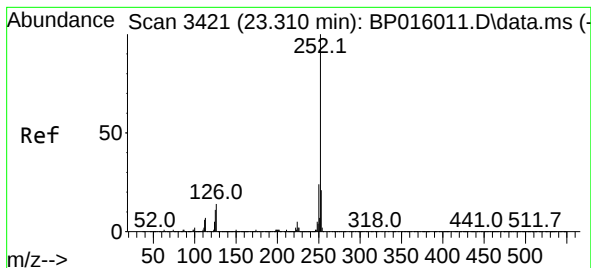
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#87
Chrysene
Concen: 46.647 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP016013.D
Acq: 05 Jul 2023 14:42

Tgt Ion:228 Resp: 2212961
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.0 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 54.464 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP016013.D

Acq: 05 Jul 2023 14:42

Instrument :

BNA_P

ClientSampleId :

DCGE6DL

Tgt Ion:252 Resp: 303034

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

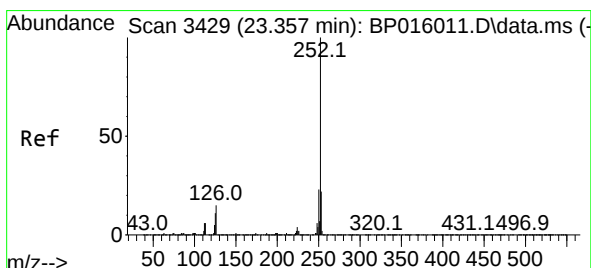
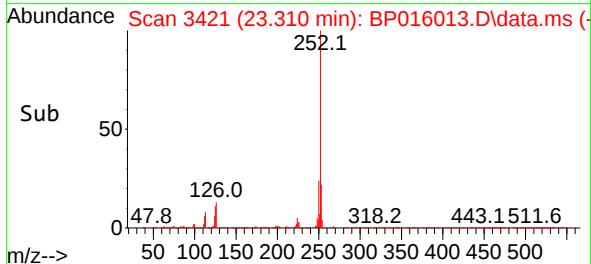
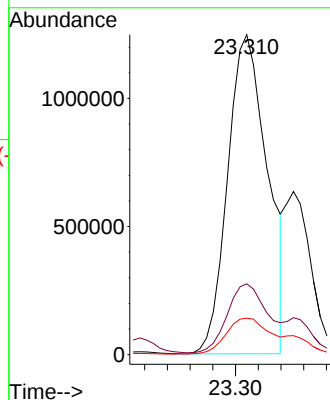
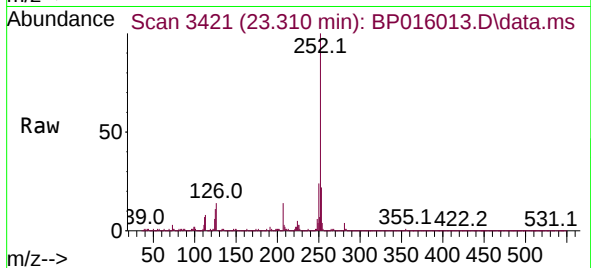
125 11.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#91

Benzo(k)fluoranthene

Concen: 17.696 ng/ul

RT: 23.351 min Scan# 3428

Delta R.T. -0.005 min

Lab File: BP016013.D

Acq: 05 Jul 2023 14:42

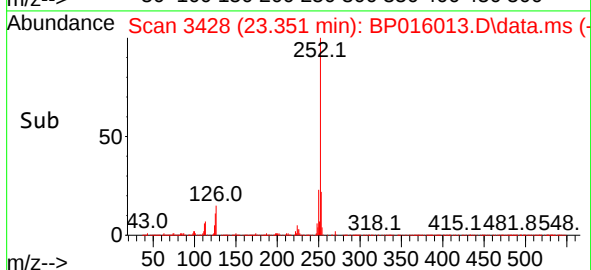
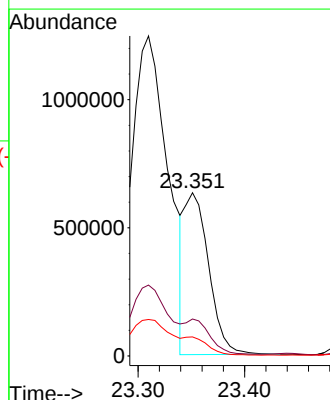
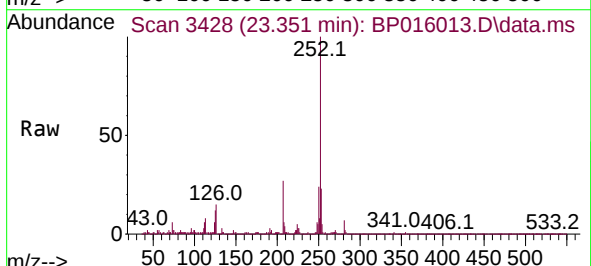
Tgt Ion:252 Resp: 994772

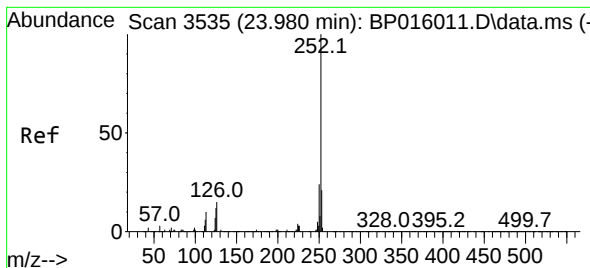
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 11.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 37.167 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP016013.D

Acq: 05 Jul 2023 14:42

Instrument :

BNA_P

ClientSampleId :

DCGE6DL

Tgt Ion:252 Resp: 180695

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

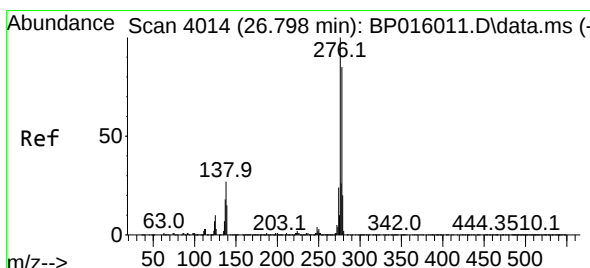
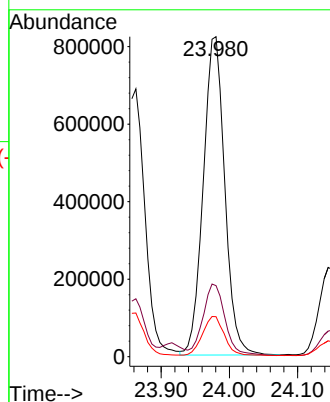
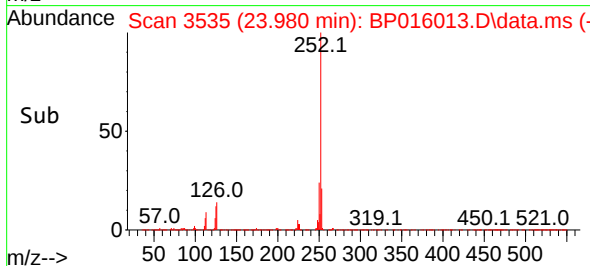
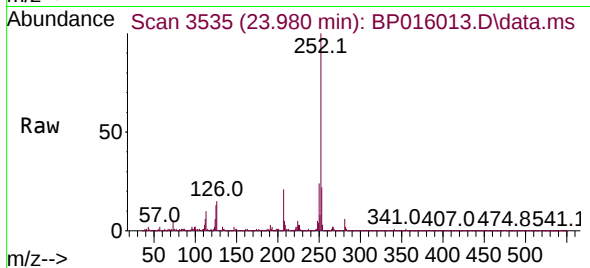
125 12.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.767 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.005 min

Lab File: BP016013.D

Acq: 05 Jul 2023 14:42

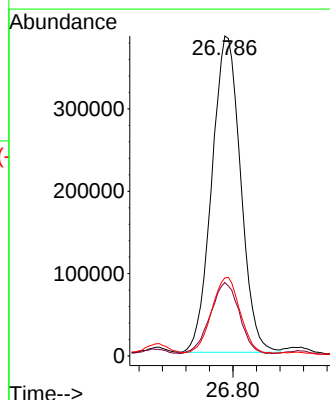
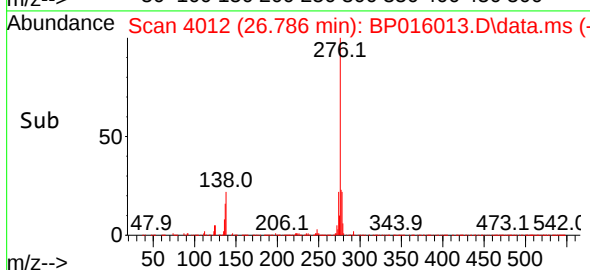
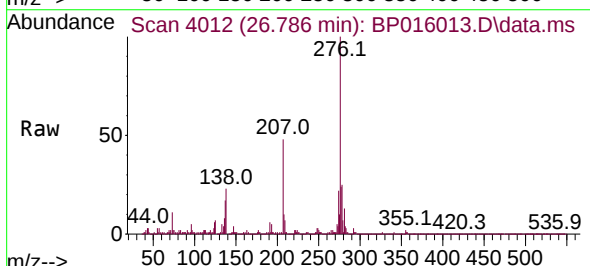
Tgt Ion:276 Resp: 1304590

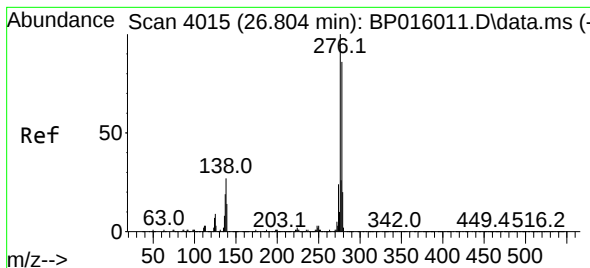
Ion Ratio Lower Upper

276 100

138 22.9 15.7 23.5

277 24.4 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 7.086 ng/ul

RT: 26.786 min Scan# 4015

Delta R.T. -0.011 min

Lab File: BP016013.D

Acq: 05 Jul 2023 14:42

Instrument :

BNA_P

ClientSampleId :

DCGE6DL

Tgt Ion:278 Resp: 384158

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

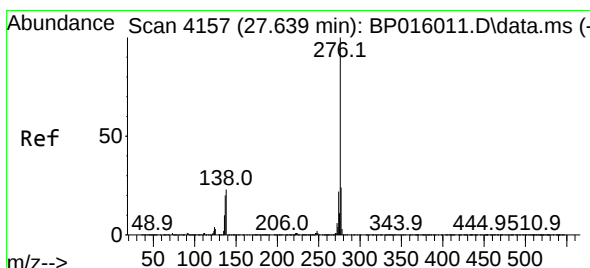
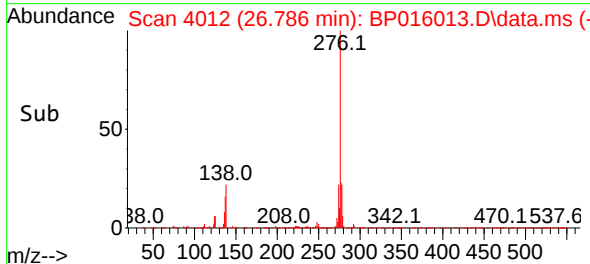
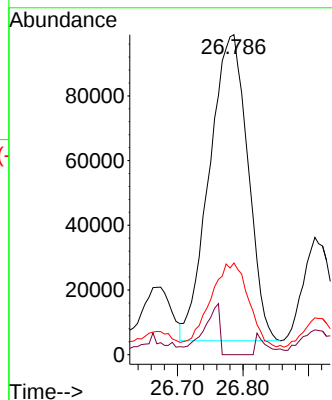
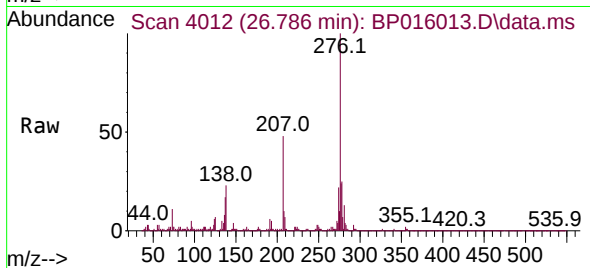
279 28.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 21.017 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. 0.006 min

Lab File: BP016013.D

Acq: 05 Jul 2023 14:42

Tgt Ion:276 Resp: 1141114

Ion Ratio Lower Upper

276 100

138 23.1 15.1 22.7

277 24.3 18.8 28.2

