

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014961.D
 Acq On : 04 May 2023 20:01
 Operator : CG/JU
 Sample : 02447-17 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937

Quant Time: May 05 00:33:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	328898	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1241593	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	614193	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1058632	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1045107	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1333157	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	2963	0.335	ng/uL	0.00
4) Pyridine-d5	3.917	84	24604	1.018	ng/u1	0.02
7) Phenol-d5	7.311	99	52927	1.856	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	35008	1.986	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	43770	2.088	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	37157	1.691	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	17645	1.998	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	18200	2.007	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	36575	2.054	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	22522	0.875	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	104356	2.401	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	121764	2.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	4809m	0.636	ng/u1	0.00
60) Fluorene-d10	15.798	176	85809	2.294	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	2671	0.448	ng/u1	0.00
73) Anthracene-d10	17.663	188	118417	2.490	ng/u1	0.00
81) Pyrene-d10	19.880	212	143797	2.040	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	166786	2.568	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.052	128	103614	1.518	ng/u1	99
50) Acenaphthylene	14.534	152	203811	3.448	ng/u1	99
52) Acenaphthene	14.869	153	175349	4.287	ng/u1	98
56) Dibenzofuran	15.204	168	137709	2.495	ng/u1	100
61) Fluorene	15.857	166	197731	4.542	ng/u1	99
72) Phenanthrene	17.610	178	3680396	62.929	ng/u1	99
74) Anthracene	17.698	178	1002908	17.224	ng/u1	99
77) Carbazole	17.957	167	269709	5.507	ng/u1	99
80) Fluoranthene	19.563	202	7158988	82.769	ng/u1	97
82) Pyrene	19.916	202	6674510	72.836	ng/u1	97
85) Benzo(a)anthracene	21.633	228	4080326	58.493	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	37613	1.087	ng/u1#	94
87) Chrysene	21.686	228	3962785	56.419	ng/u1	97
90) Benzo(b)fluoranthene	23.451	252	5489130	63.709	ng/u1	98
91) Benzo(k)fluoranthene	23.498	252	1726523m	19.689	ng/u1	
93) Benzo(a)pyrene	24.133	252	3911348	51.763	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.009	276	2741973	29.749	ng/u1	97
95) Dibenzo(a,h)anthracene	27.015	278	715506	9.471	ng/u1#	82
96) Benzo(g,h,i)perylene	27.862	276	2350790	29.967	ng/u1	98

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

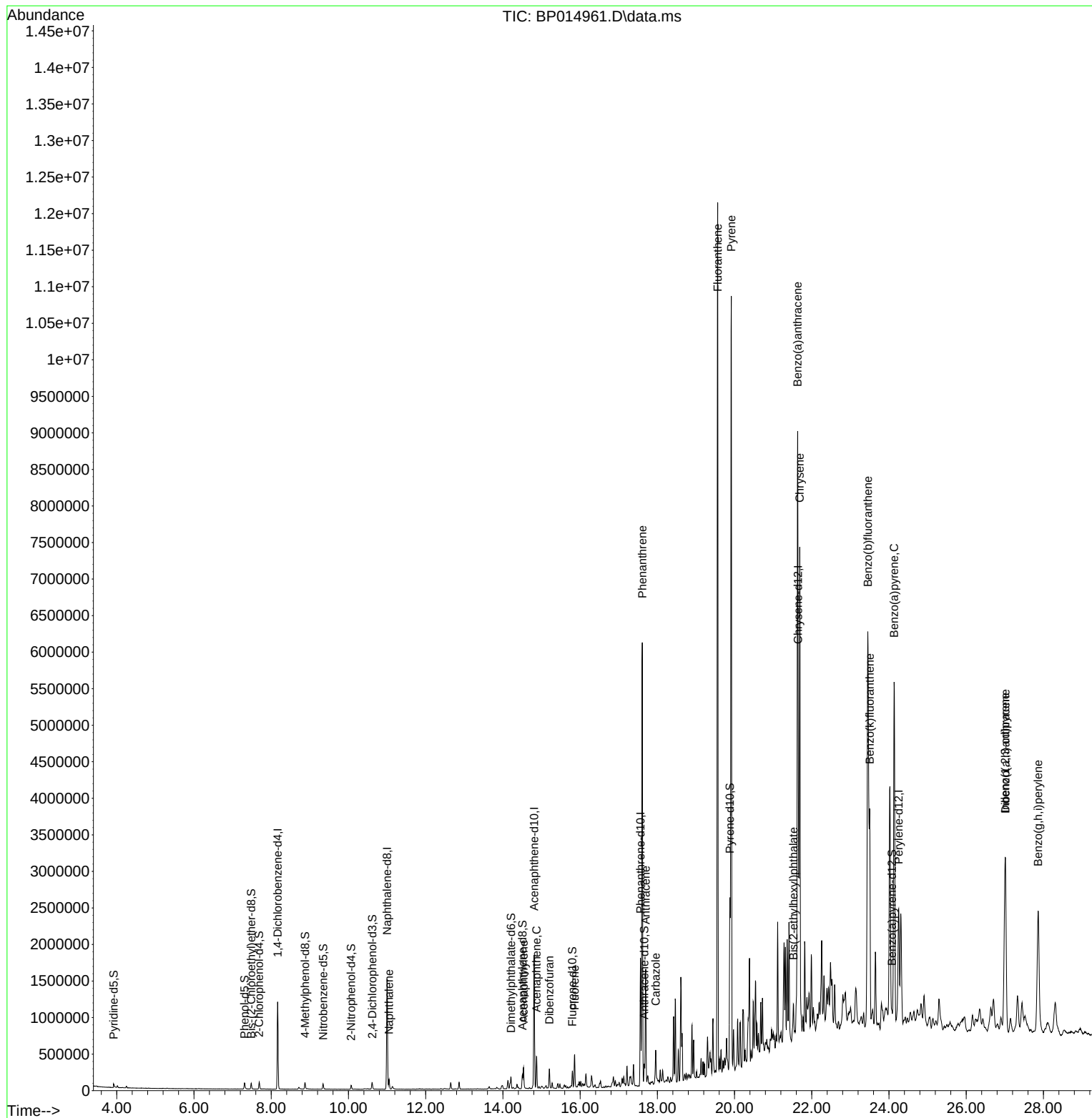
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

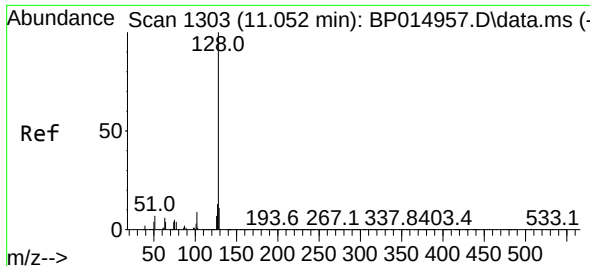
Instrument :
BNA_P
ClientSampleId :
EW937

Quant Time: May 05 00:33:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

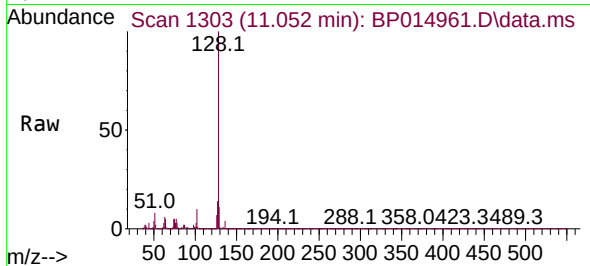
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023





#30
Naphthalene
Concen: 1.518 ng/ul
RT: 11.052 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

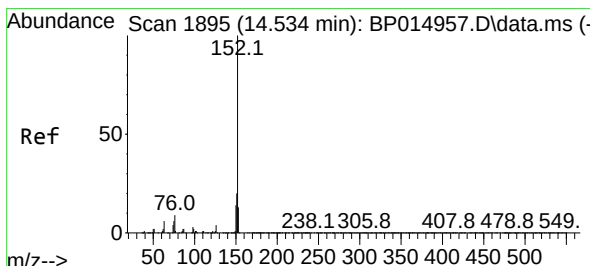
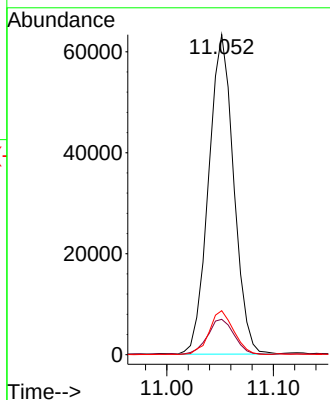
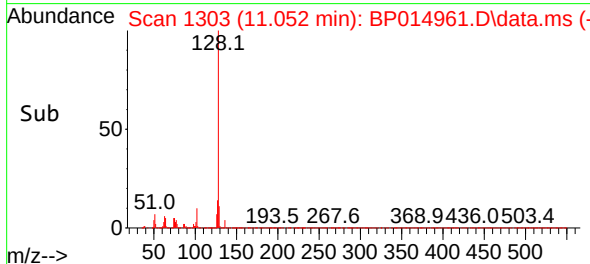
Instrument :
BNA_P
ClientSampleId :
EW937



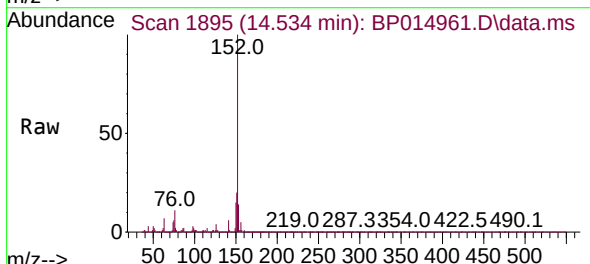
Tgt Ion:128 Resp: 103614
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.4 15.6

Manual Integrations
APPROVED

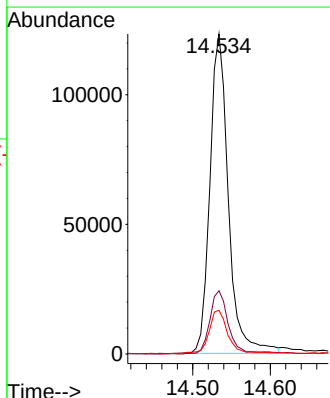
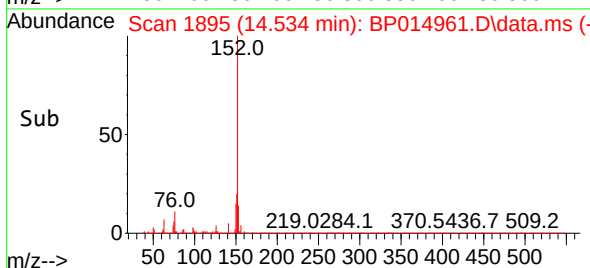
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

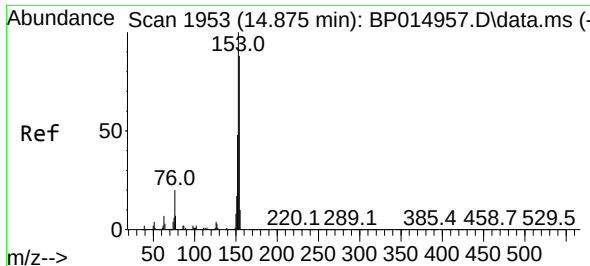


#50
Acenaphthylene
Concen: 3.448 ng/ul
RT: 14.534 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01



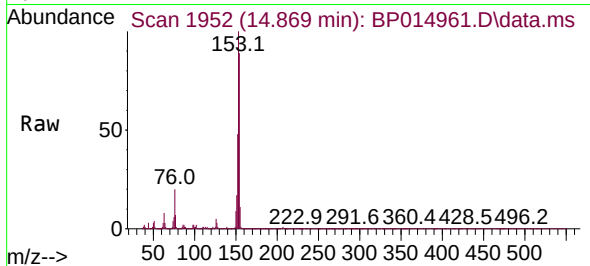
Tgt Ion:152 Resp: 203811
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.6 10.4 15.6





#52
Acenaphthene
Concen: 4.287 ng/ul
RT: 14.869 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

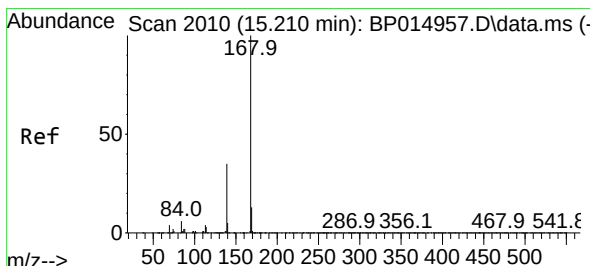
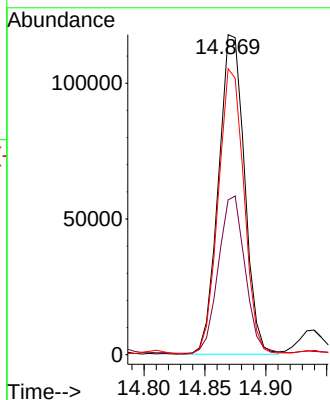
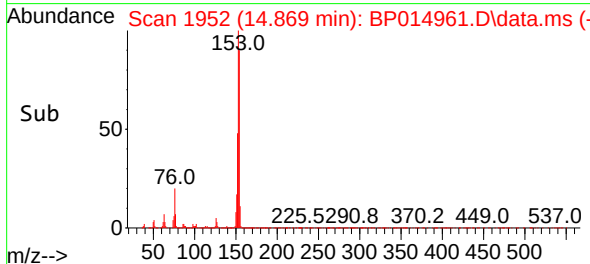
Instrument :
BNA_P
ClientSampleId :
EW937



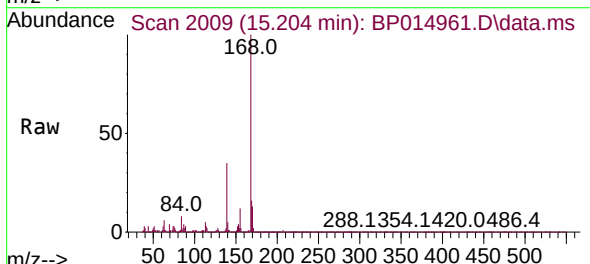
Tgt Ion:153 Resp: 175349
Ion Ratio Lower Upper
153 100
152 48.4 38.8 58.2
154 89.4 69.6 104.4

Manual Integrations
APPROVED

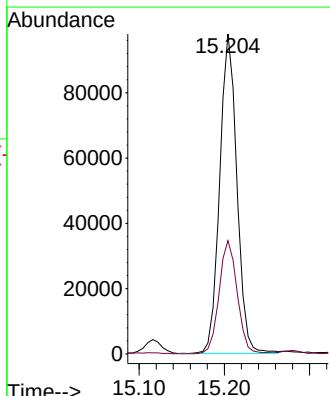
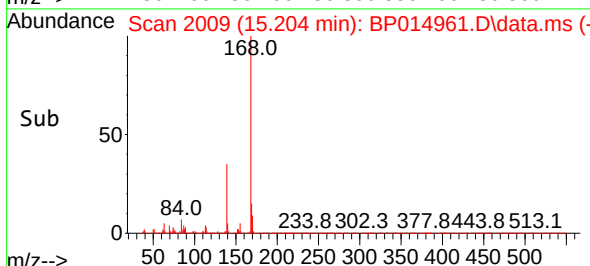
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

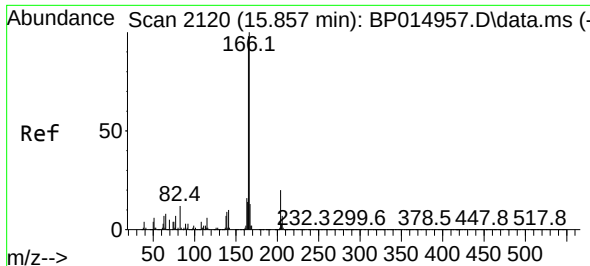


#56
Dibenzofuran
Concen: 2.495 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01



Tgt Ion:168 Resp: 137709
Ion Ratio Lower Upper
168 100
139 35.4 28.6 42.8





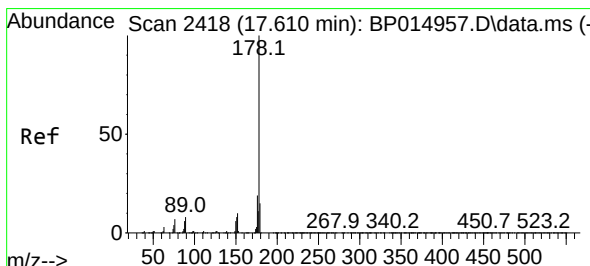
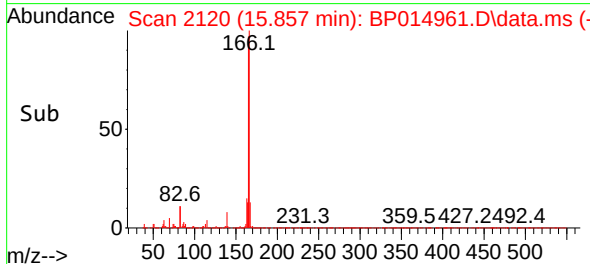
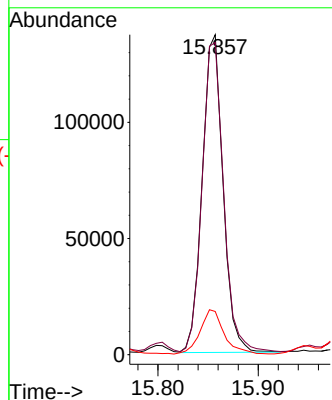
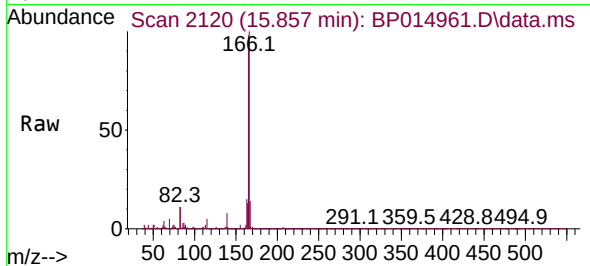
#61
Fluorene
Concen: 4.542 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

Instrument :
BNA_P
ClientSampleId :
EW937

Tgt Ion:166 Resp: 19773
Ion Ratio Lower Upper
166 100
165 97.5 79.3 118.9
167 13.5 10.7 16.1

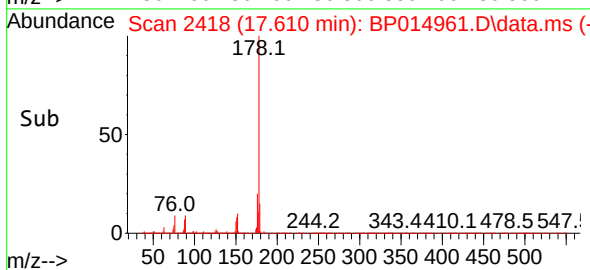
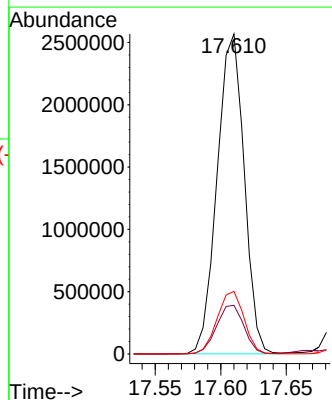
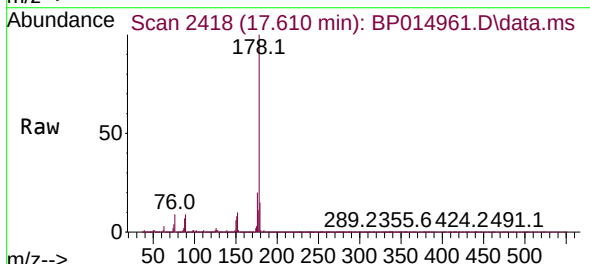
Manual Integrations
APPROVED

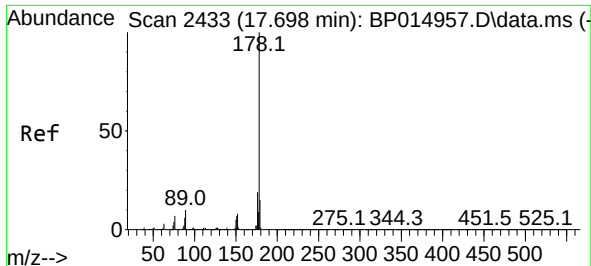
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Phenanthrene
Concen: 62.929 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

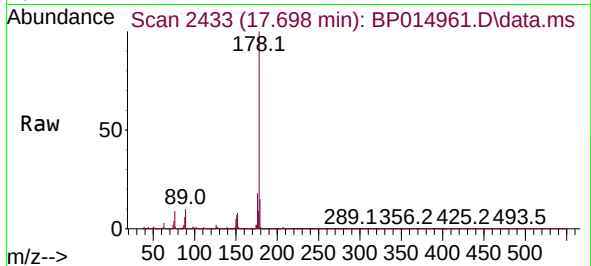
Tgt Ion:178 Resp: 3680396
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.6 15.4 23.0





#74
 Anthracene
 Concen: 17.224 ng/ul
 RT: 17.698 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BP014961.D
 Acq: 04 May 2023 20:01

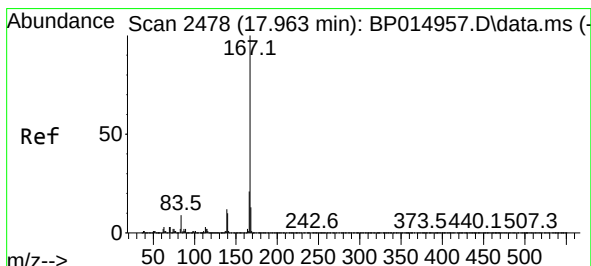
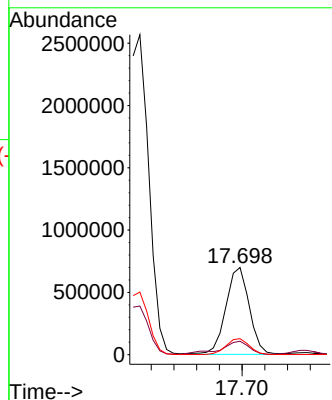
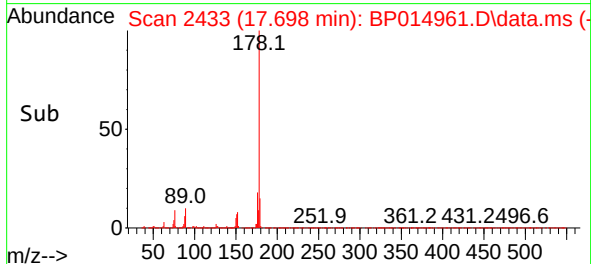
Instrument :
 BNA_P
 ClientSampleId :
 EW937



Tgt Ion:178 Resp: 1002908
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 18.4 15.0 22.4

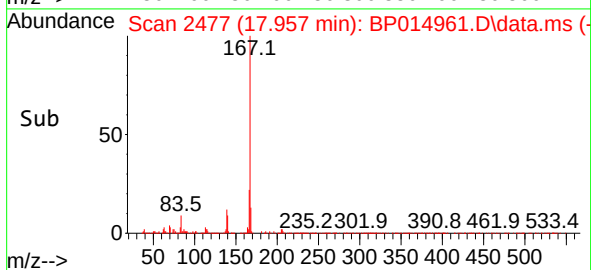
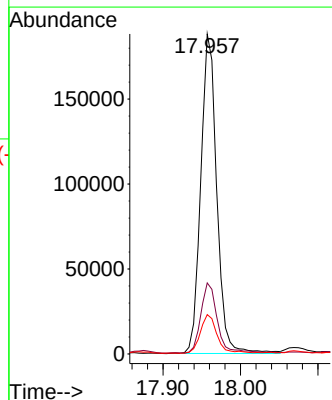
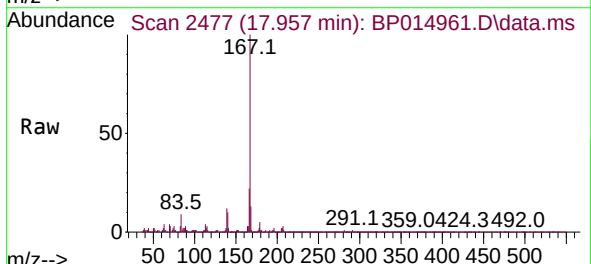
Manual Integrations
 APPROVED

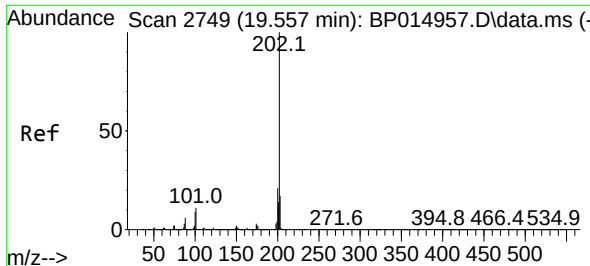
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023



#77
 Carbazole
 Concen: 5.507 ng/ul
 RT: 17.957 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP014961.D
 Acq: 04 May 2023 20:01

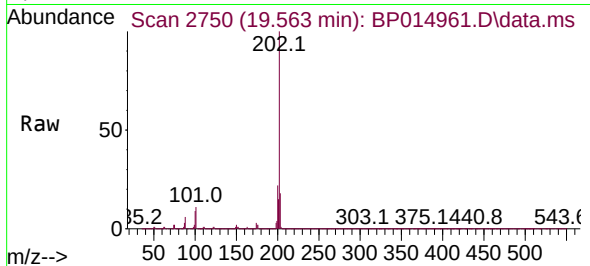
Tgt Ion:167 Resp: 269709
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.1 25.7
 139 12.3 10.1 15.1





#80
Fluoranthene
Concen: 82.769 ng/u1
RT: 19.563 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

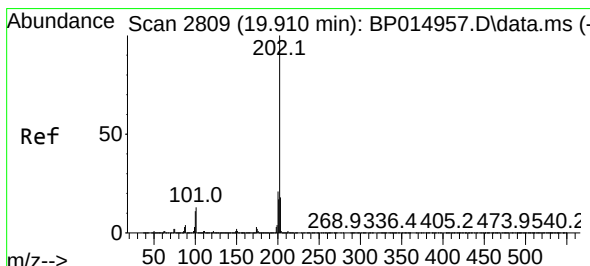
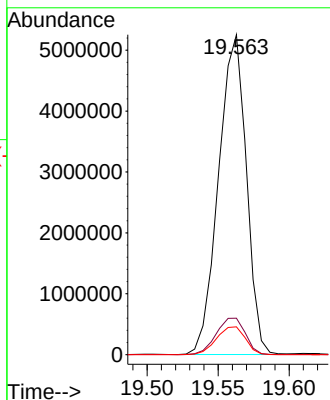
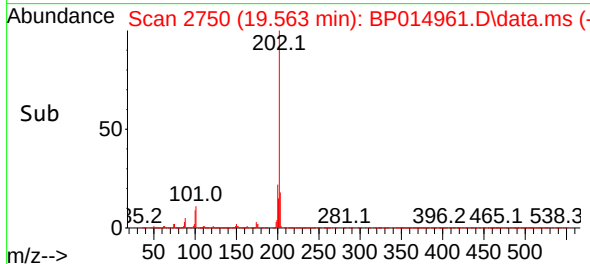
Instrument :
BNA_P
ClientSampleId :
EW937



Tgt Ion:202 Resp: 715898
Ion Ratio Lower Upper
202 100
101 11.4 10.1 15.1
100 8.7 7.7 11.5

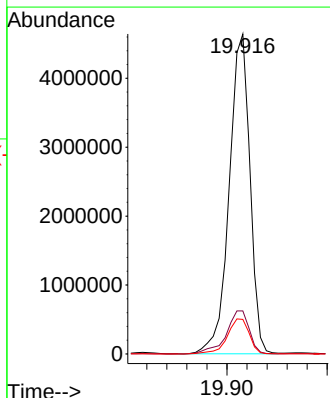
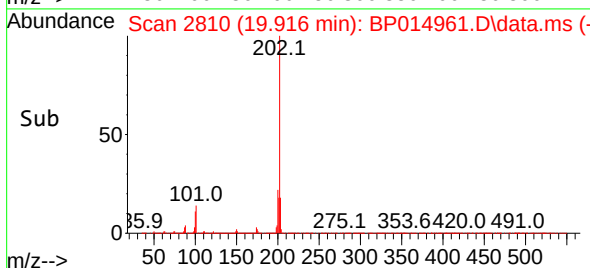
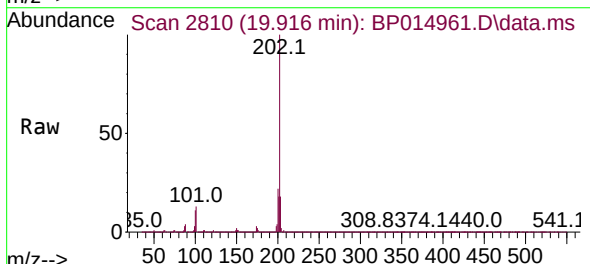
Manual Integrations
APPROVED

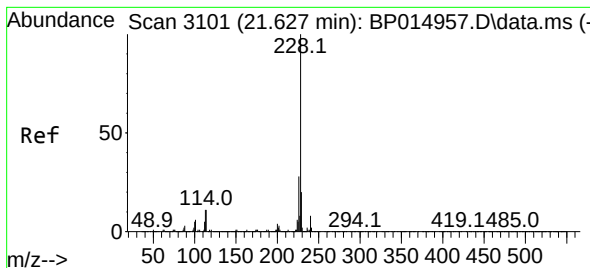
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#82
Pyrene
Concen: 72.836 ng/u1
RT: 19.916 min Scan# 2810
Delta R.T. 0.006 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

Tgt Ion:202 Resp: 6674510
Ion Ratio Lower Upper
202 100
101 13.5 11.9 17.9
100 10.8 9.7 14.5





#85

Benzo(a)anthracene

Concen: 58.493 ng/ul

RT: 21.633 min Scan# 3101

Delta R.T. 0.006 min

Lab File: BP014961.D

Acq: 04 May 2023 20:01

Instrument :

BNA_P

ClientSampleId :

EW937

Tgt Ion:228 Resp: 4080320

Ion Ratio Lower Upper

228 100

229 20.7 15.9 23.9

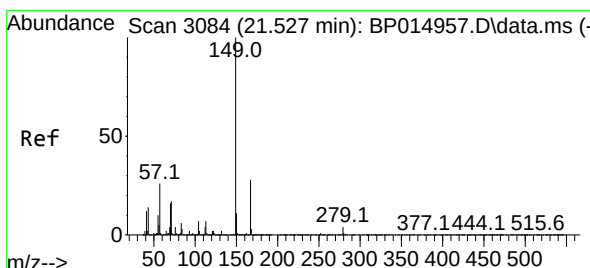
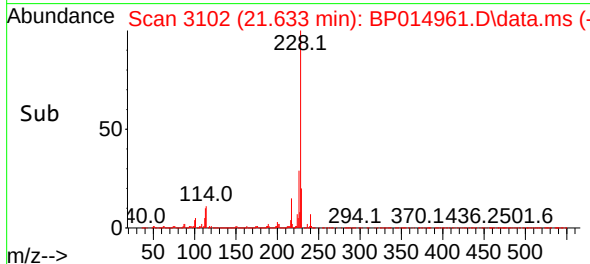
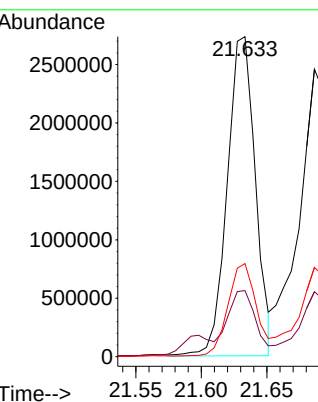
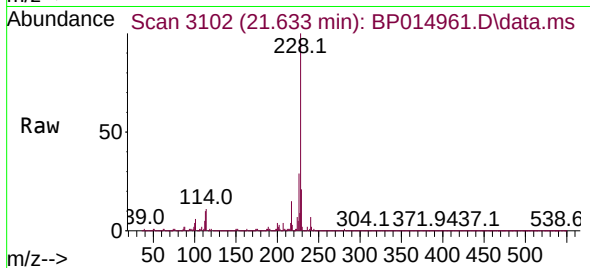
226 29.1 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.087 ng/ul

RT: 21.527 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP014961.D

Acq: 04 May 2023 20:01

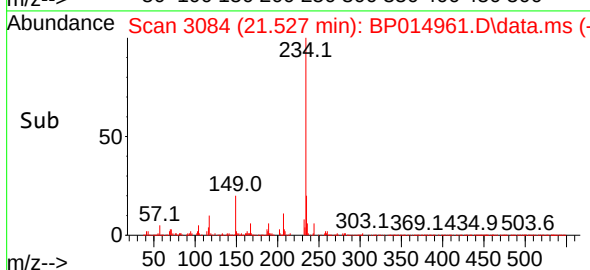
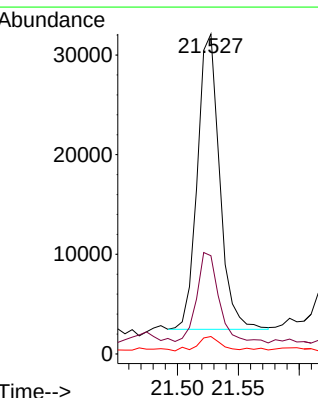
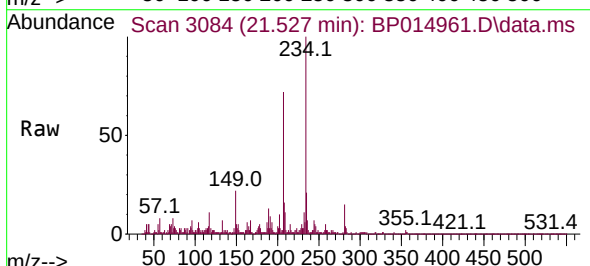
Tgt Ion:149 Resp: 37613

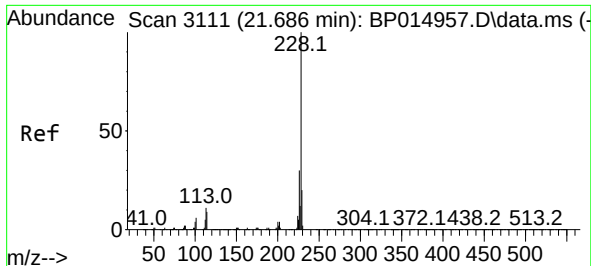
Ion Ratio Lower Upper

149 100

167 30.7 22.0 33.0

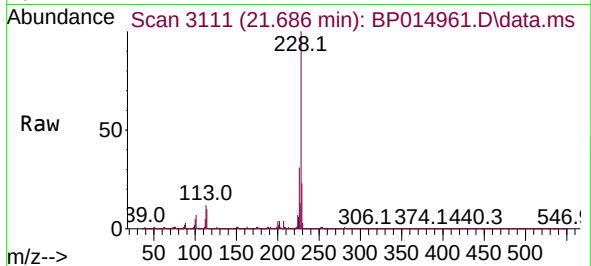
279 5.4 2.9 4.3#





#87
Chrysene
Concen: 56.419 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

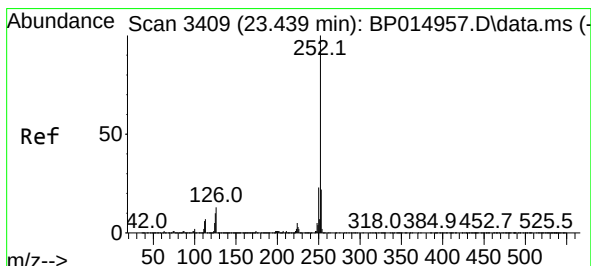
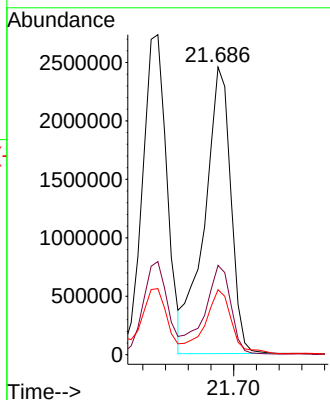
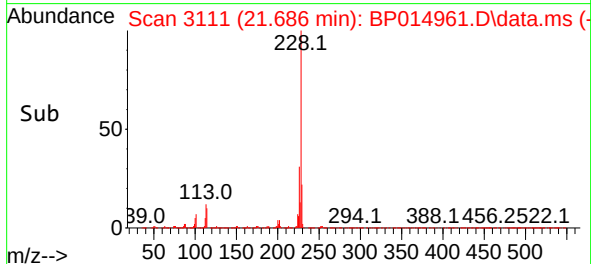
Instrument :
BNA_P
ClientSampleId :
EW937



Tgt Ion:228 Resp: 3962785
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.6 15.8 23.8

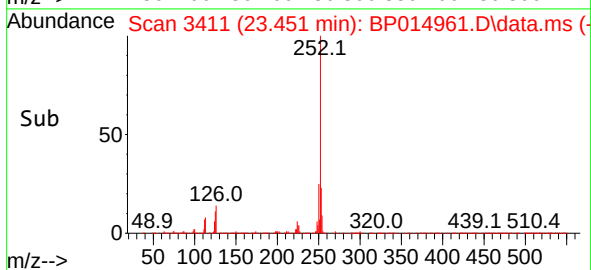
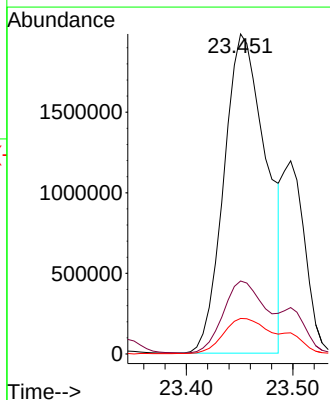
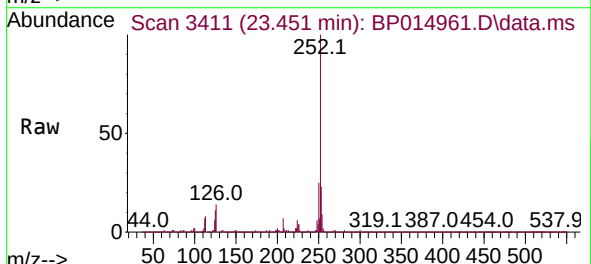
Manual Integrations
APPROVED

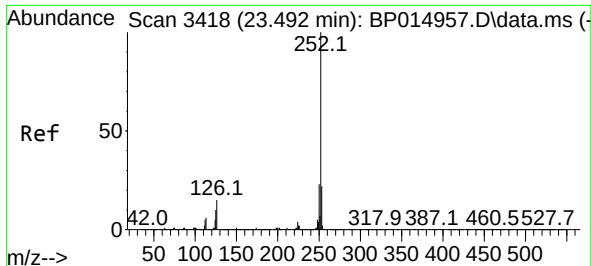
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#90
Benzo(b)fluoranthene
Concen: 63.709 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. 0.012 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

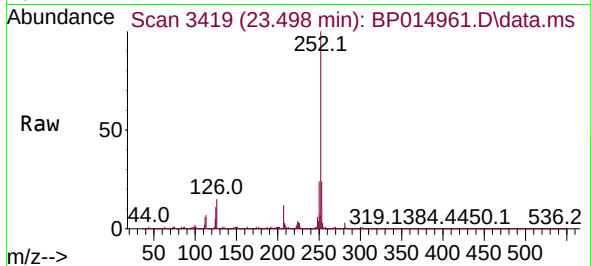
Tgt Ion:252 Resp: 5489130
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.1 8.4 12.6





#91
Benzo(k)fluoranthene
Concen: 19.689 ng/ul m
RT: 23.498 min Scan# 3418
Delta R.T. 0.006 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01

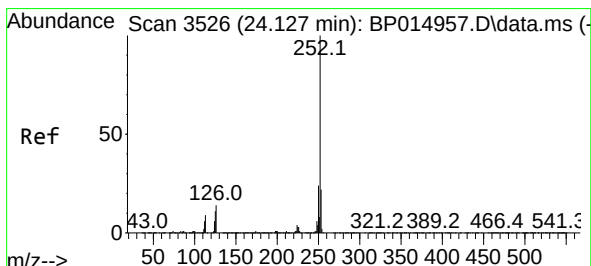
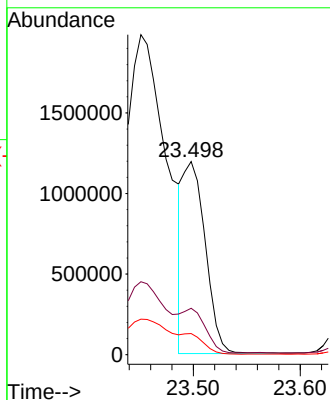
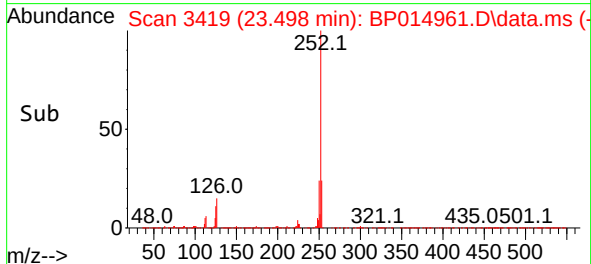
Instrument :
BNA_P
ClientSampleId :
EW937



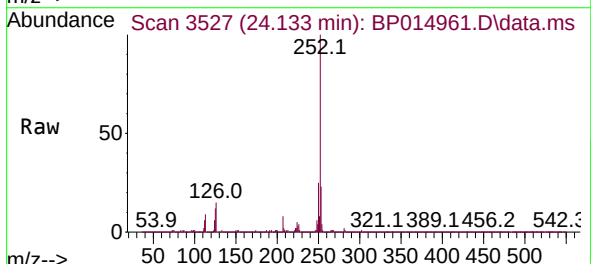
Tgt Ion:252 Resp: 172652
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 11.0 8.9 13.3

Manual Integrations
APPROVED

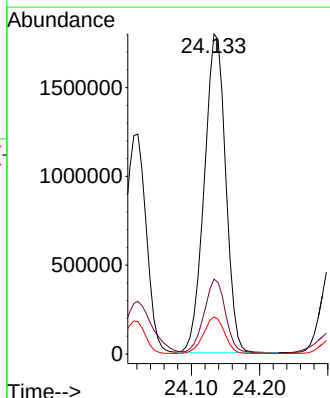
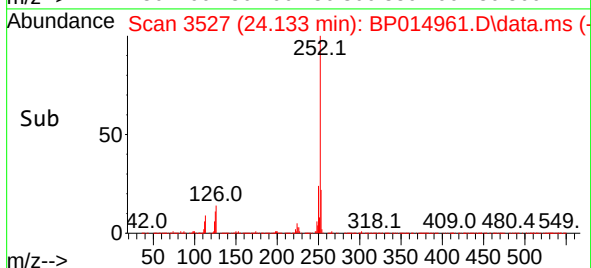
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

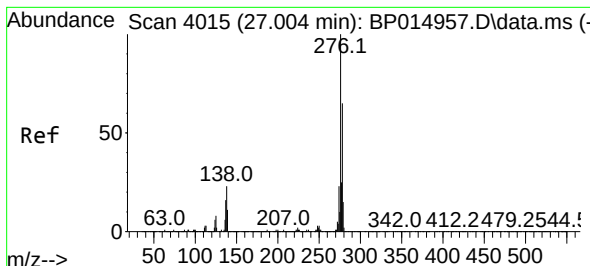


#93
Benzo(a)pyrene
Concen: 51.763 ng/ul
RT: 24.133 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BP014961.D
Acq: 04 May 2023 20:01



Tgt Ion:252 Resp: 3911348
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 11.6 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 29.749 ng/ul

RT: 27.009 min Scan# 4015

Delta R.T. 0.012 min

Lab File: BP014961.D

Acq: 04 May 2023 20:01

Instrument :

BNA_P

ClientSampleId :

EW937

Tgt Ion:276 Resp: 274197

Ion Ratio Lower Upper

276 100

138 21.6 19.4 29.0

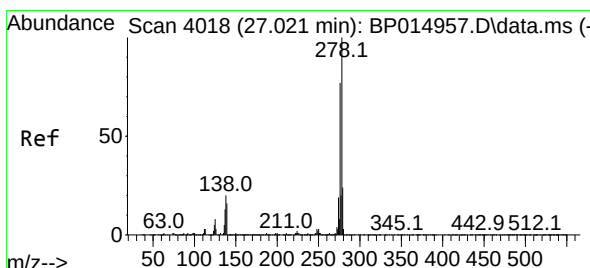
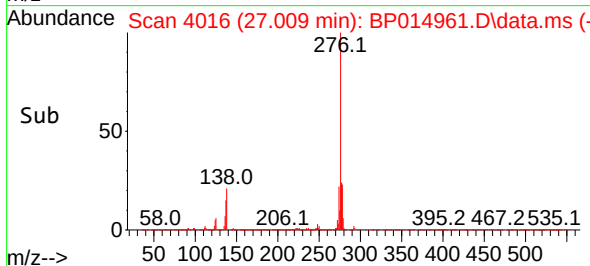
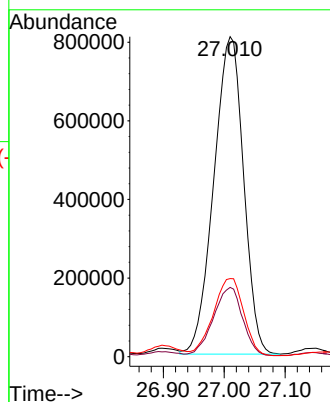
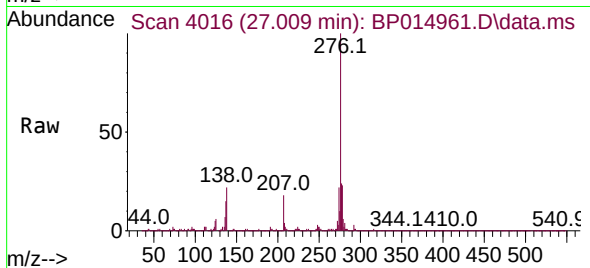
277 24.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 9.471 ng/ul

RT: 27.015 min Scan# 4017

Delta R.T. -0.000 min

Lab File: BP014961.D

Acq: 04 May 2023 20:01

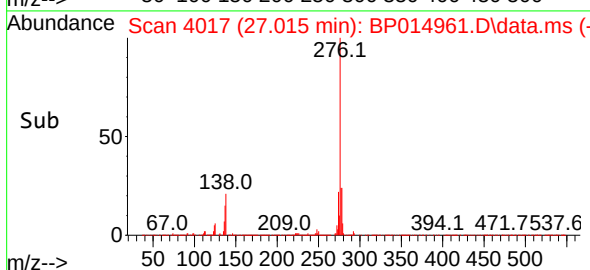
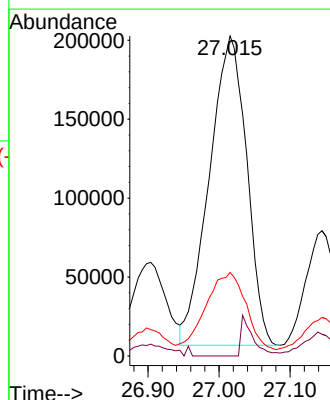
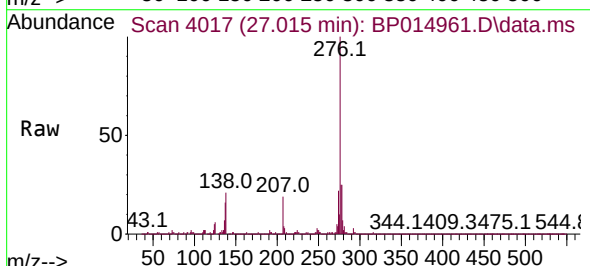
Tgt Ion:278 Resp: 715506

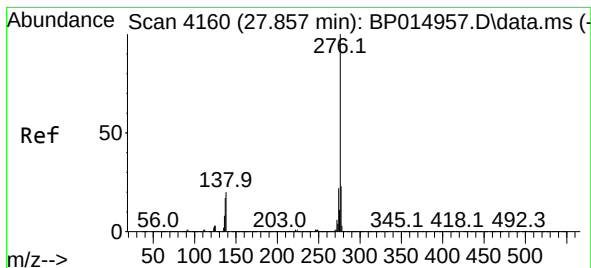
Ion Ratio Lower Upper

278 100

139 0.0 12.9 19.3#

279 26.1 19.0 28.6





#96

Benzo(g,h,i)perylene

Concen: 29.967 ng/ul

RT: 27.862 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP014961.D

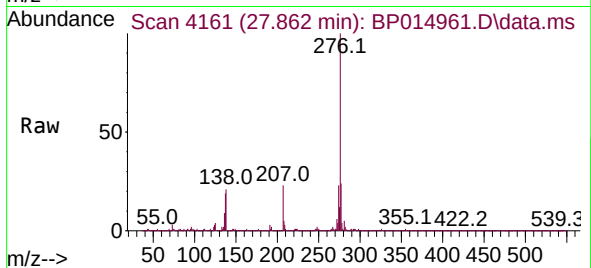
Acq: 04 May 2023 20:01

Instrument :

BNA_P

ClientSampleId :

EW937



Tgt Ion:276 Resp: 2350790

Ion Ratio Lower Upper

276 100

138 21.1 18.0 27.0

277 24.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2023

Supervised By :Jagrut Upadhyay 05/05/2023

