

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015876.D
 Acq On : 01 Jul 2023 09:46
 Operator : MA/JU
 Sample : 03239-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 01:17:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	260843	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	1042278	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.704	164	562211	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	1129598	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	998659	20.000	ng/ul	#-0.01
88) Perylene-d12	24.092	264	1185616	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15213	2.098	ng/uL	-0.01
4) Pyridine-d5	3.828	84	147618	8.077	ng/ul	0.00
7) Phenol-d5	7.246	99	243480	10.910	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	189494	13.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	210945	12.521	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	149361	8.471	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	95586	12.000	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	107335	11.546	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	155669	9.397	ng/ul	0.05
31) 4-Chloroaniline-d4	11.087	131	110038m	5.171	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	583575	13.430	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	664349	13.600	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.022	143	44812m	7.815	ng/ul	0.08
60) Fluorene-d10	15.704	176	481083	13.445	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.886	200	29784m	4.287	ng/ul	0.03
73) Anthracene-d10	17.569	188	718199	13.919	ng/ul	0.00
81) Pyrene-d10	19.786	212	836644	12.830	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.927	264	829095	13.863	ng/ul	-0.02
Target Compounds	Qvalue					
50) Acenaphthylene	14.428	152	107338	1.994	ng/ul	99
52) Acenaphthene	14.769	153	39764	1.065	ng/ul	96
72) Phenanthrene	17.504	178	915799	14.924	ng/ul	99
74) Anthracene	17.604	178	230270	3.734	ng/ul	97
80) Fluoranthene	19.463	202	2678143	33.046	ng/ul#	93
82) Pyrene	19.816	202	2229395	26.967	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	1401245	19.946	ng/ul	98
87) Chrysene	21.586	228	1480999	22.220	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	2744010	36.020	ng/ul#	96
91) Benzo(k)fluoranthene	23.357	252	832425m	10.815	ng/ul	
93) Benzo(a)pyrene	23.980	252	1820644	27.351	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	1503887	16.642	ng/ul	96
95) Dibenzo(a,h)anthracene	26.786	278	407643	5.492	ng/ul#	79
96) Benzo(g,h,i)perylene	27.627	276	1431278	19.253	ng/ul#	93

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

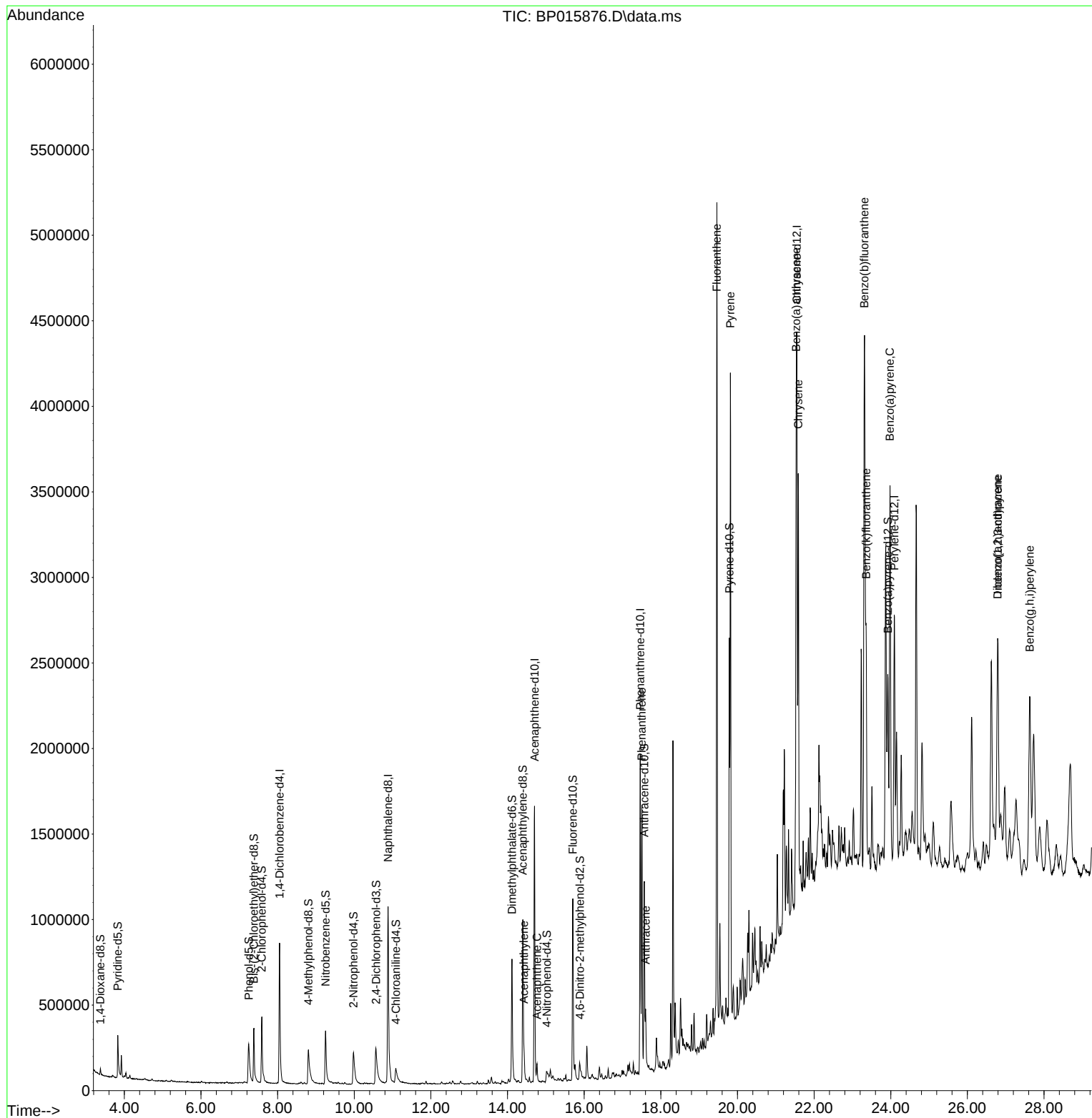
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015876.D
 Acq On : 01 Jul 2023 09:46
 Operator : MA/JU
 Sample : 03239-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

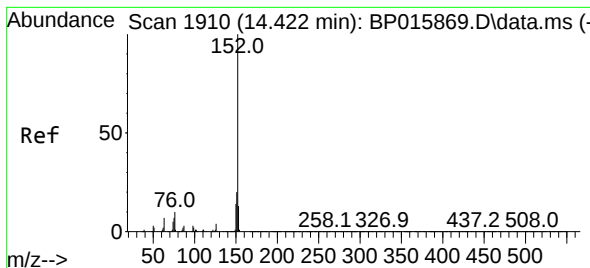
Instrument :
 BNA_P
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Quant Time: Jul 02 01:17:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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#50

Acenaphthylene

Concen: 1.994 ng/ul

RT: 14.428 min Scan# 1910

Delta R.T. -0.012 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

Instrument :

BNA_P

ClientSampleId :

DCFZ2

Tgt Ion:152 Resp: 107338

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

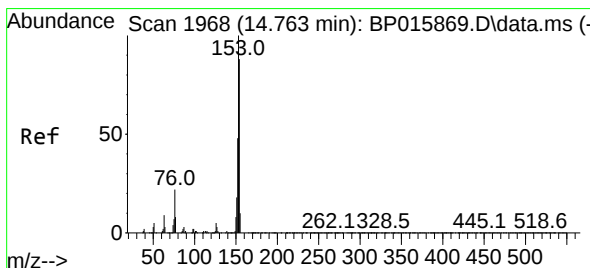
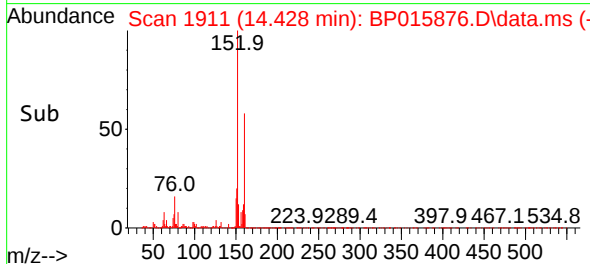
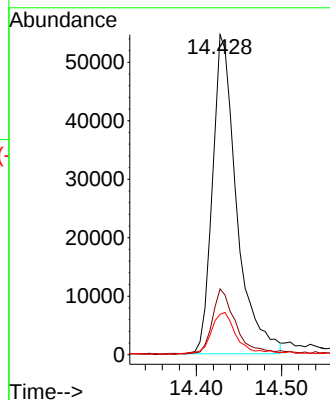
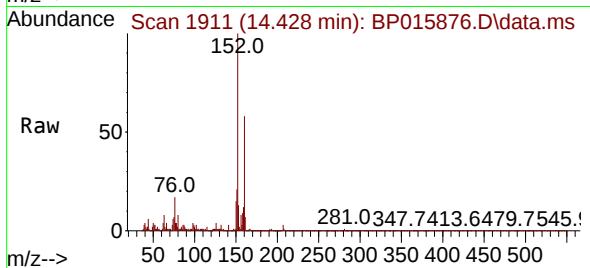
153 12.6 10.5 15.7

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#52

Acenaphthene

Concen: 1.065 ng/ul

RT: 14.769 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

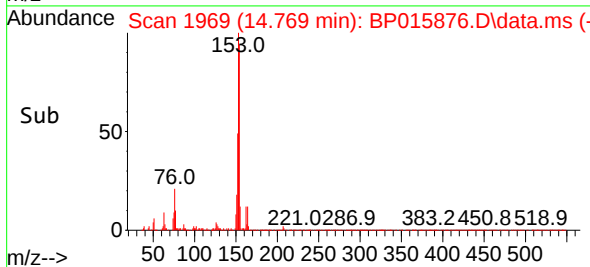
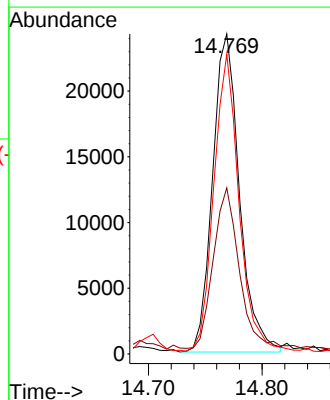
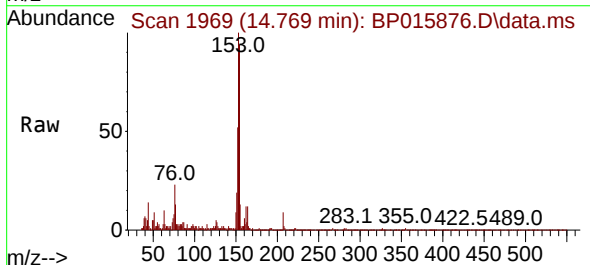
Tgt Ion:153 Resp: 39764

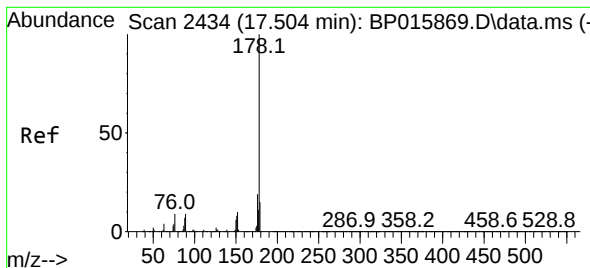
Ion Ratio Lower Upper

153 100

152 51.9 39.4 59.2

154 93.7 71.4 107.2





#72

Phenanthrene

Concen: 14.924 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

Instrument :

BNA_P

ClientSampleId :

DCFZ2

Tgt Ion:178 Resp: 915799

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

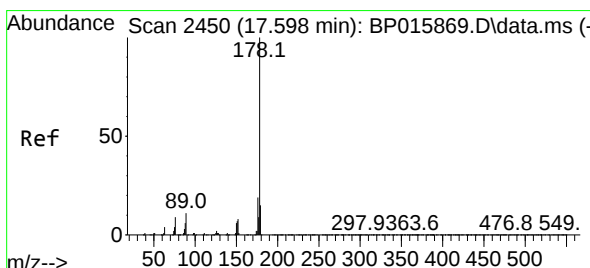
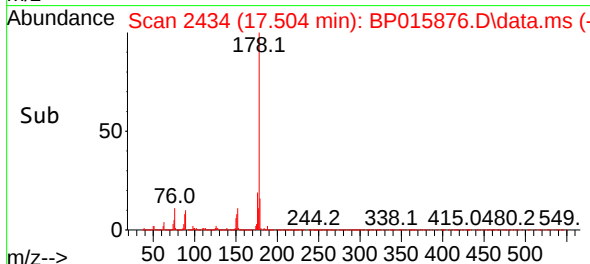
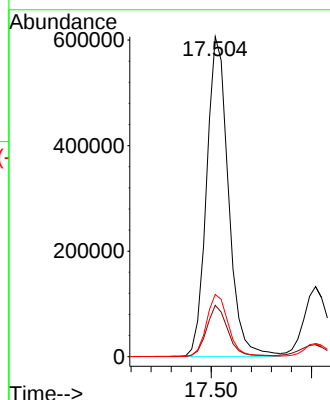
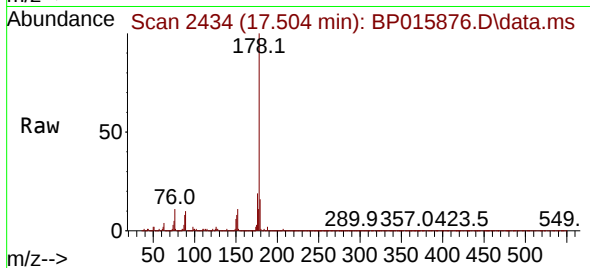
176 19.5 15.6 23.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#74

Anthracene

Concen: 3.734 ng/ul

RT: 17.604 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

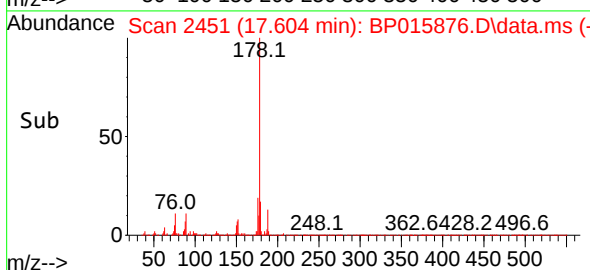
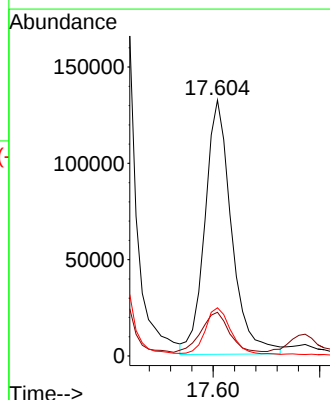
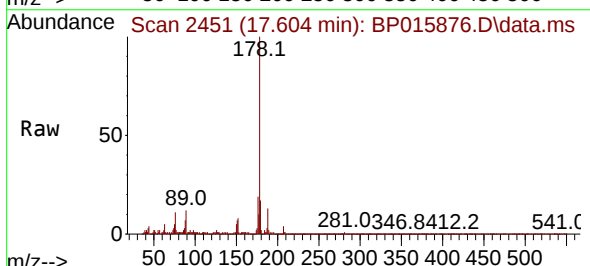
Tgt Ion:178 Resp: 230270

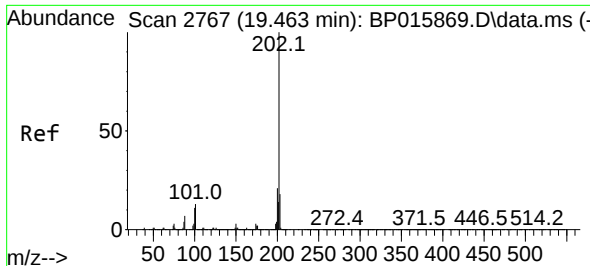
Ion Ratio Lower Upper

178 100

179 17.0 12.1 18.1

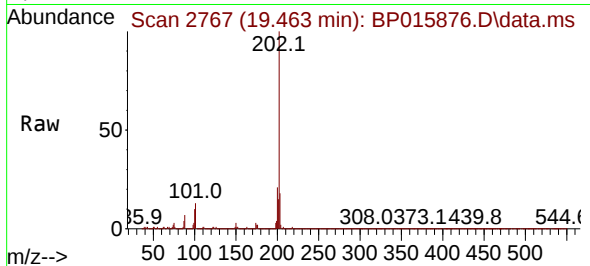
176 18.8 14.6 22.0





#80
Fluoranthene
Concen: 33.046 ng/u1
RT: 19.463 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

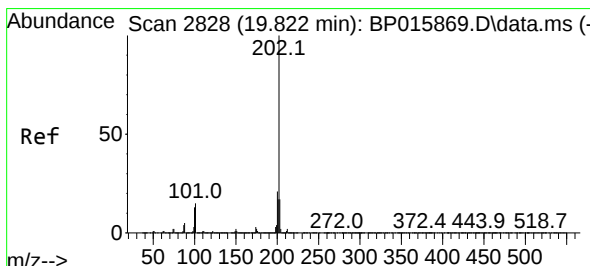
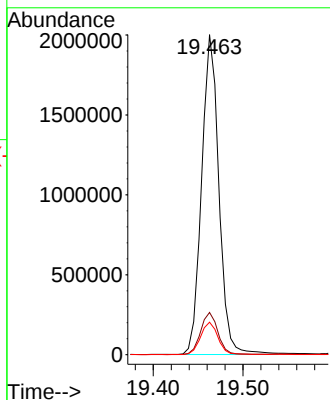
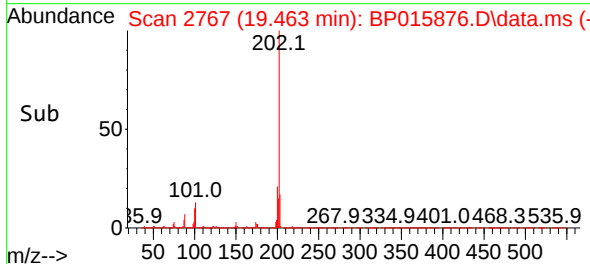
Instrument :
BNA_P
ClientSampleId :
DCFZ2



Tgt Ion:202 Resp: 267814
Ion Ratio Lower Upper
202 100
101 13.2 8.3 12.5
100 10.2 6.6 9.8

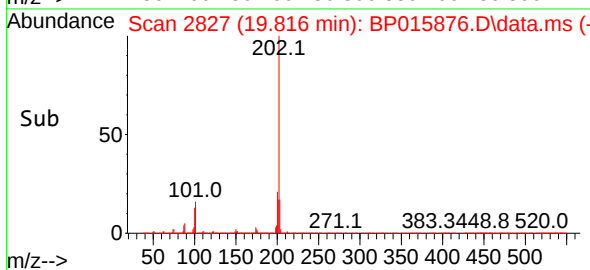
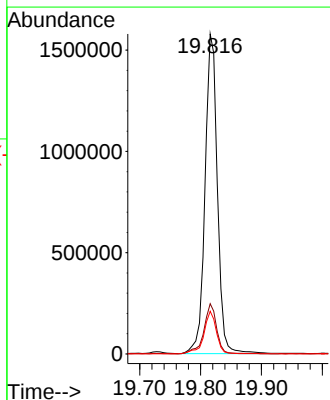
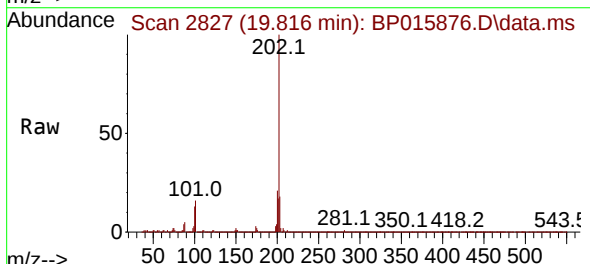
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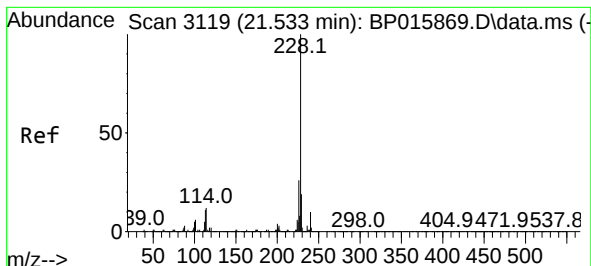
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#82
Pyrene
Concen: 26.967 ng/u1
RT: 19.816 min Scan# 2827
Delta R.T. -0.018 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

Tgt Ion:202 Resp: 2229395
Ion Ratio Lower Upper
202 100
101 15.7 9.3 13.9#
100 13.4 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 19.946 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

Instrument :

BNA_P

ClientSampleId :

DCFZ2

Tgt Ion:228 Resp: 140124

Ion Ratio Lower Upper

228 100

229 20.4 15.3 22.9

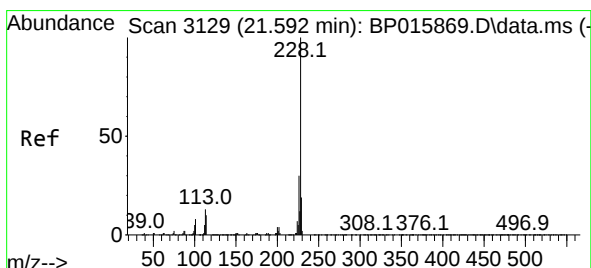
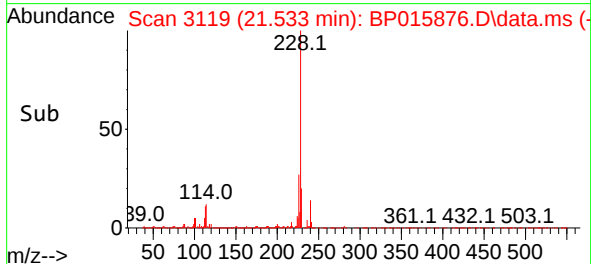
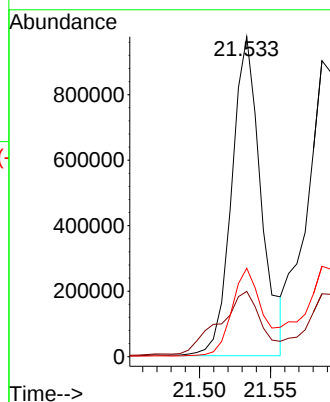
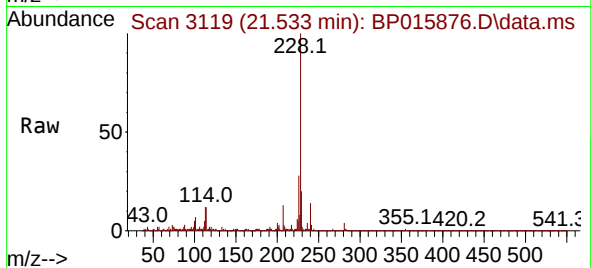
226 27.7 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#87

Chrysene

Concen: 22.220 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. -0.018 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

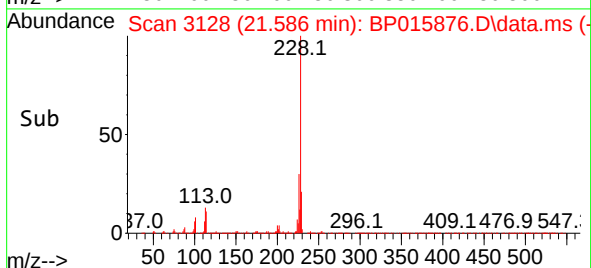
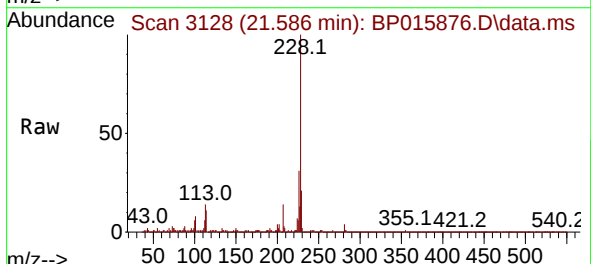
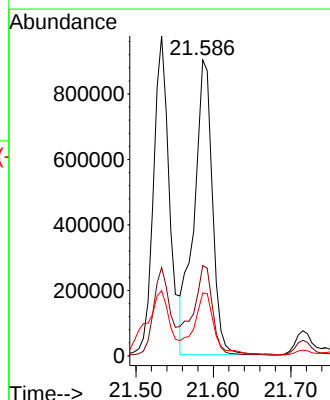
Tgt Ion:228 Resp: 1480999

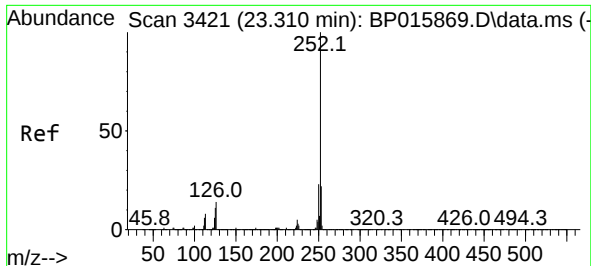
Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

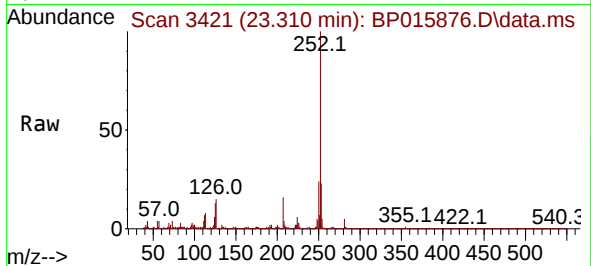
229 21.2 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 36.020 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.018 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

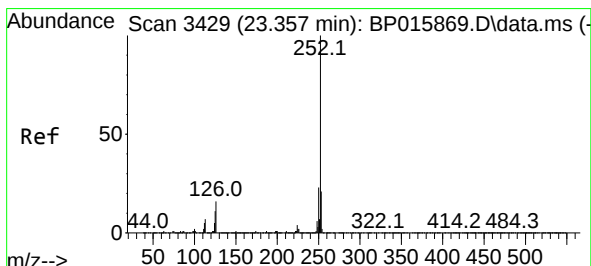
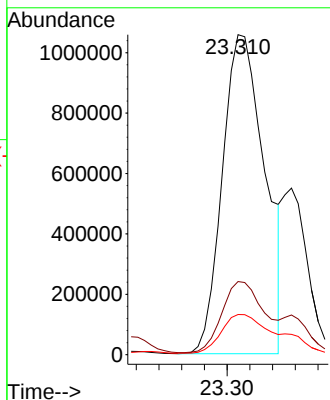
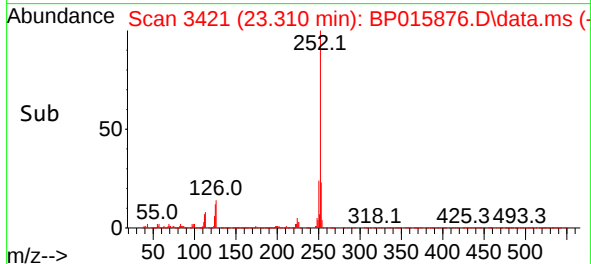
Instrument :
BNA_P
ClientSampleId :
DCFZ2



Tgt Ion:252 Resp: 2744010
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 12.6 7.5 11.3

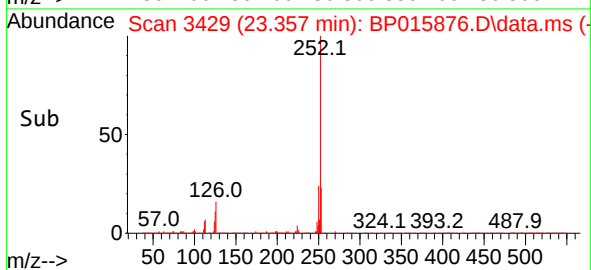
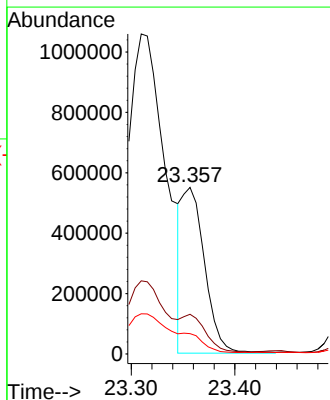
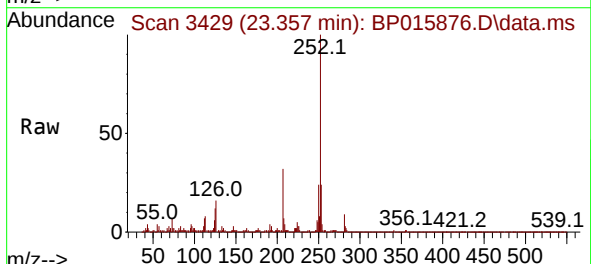
Manual Integrations
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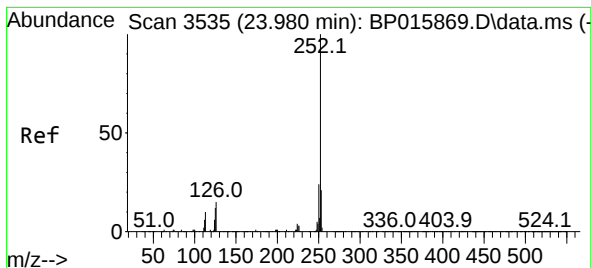
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#91
Benzo(k)fluoranthene
Concen: 10.815 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. -0.024 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

Tgt Ion:252 Resp: 832425
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 12.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 27.351 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.024 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

Instrument :

BNA_P

ClientSampleId :

DCFZ2

Tgt Ion:252 Resp: 182064

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

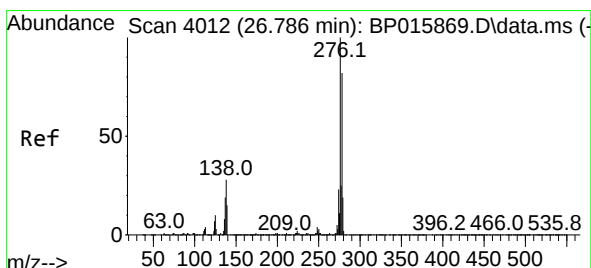
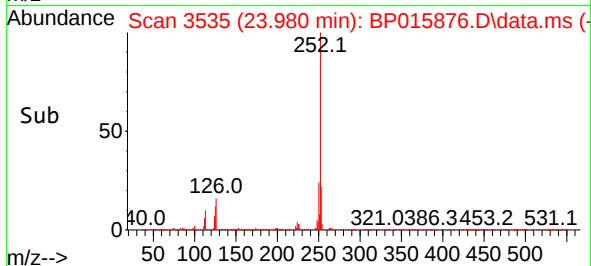
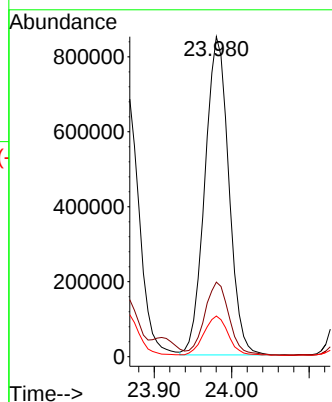
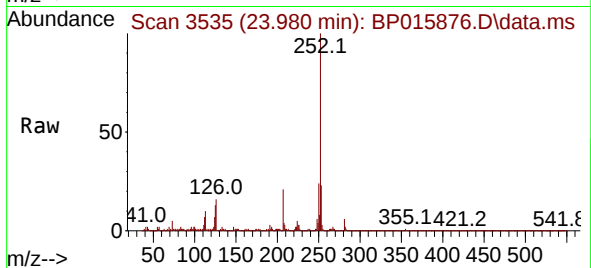
125 12.7 8.2 12.2

Manual Integrations

APPROVED

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Supervised By :Sohil Jodhani 07/02/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.642 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.024 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

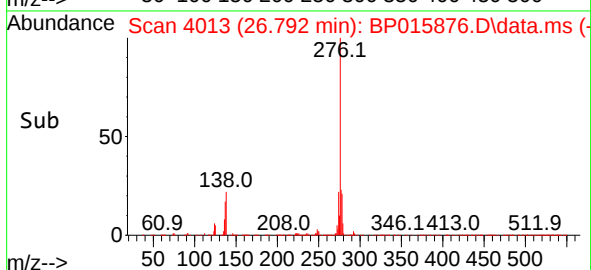
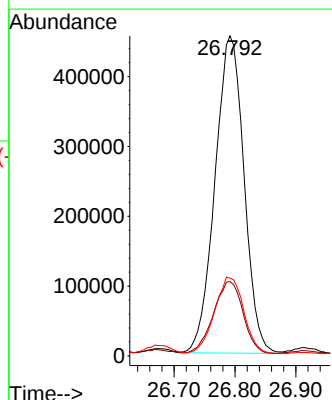
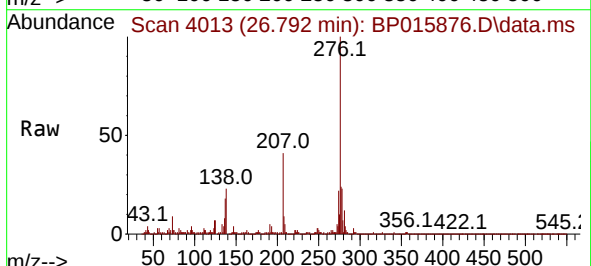
Tgt Ion:276 Resp: 1503887

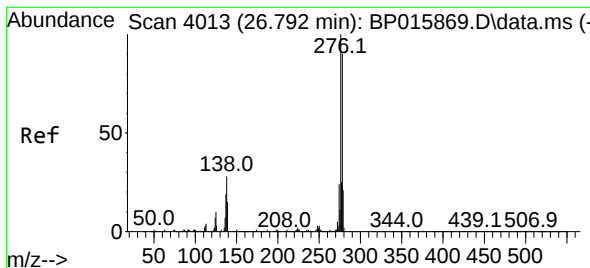
Ion Ratio Lower Upper

276 100

138 23.2 15.7 23.5

277 24.3 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 5.492 ng/ul

RT: 26.786 min Scan# 4013

Delta R.T. -0.041 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

Instrument :

BNA_P

ClientSampleId :

DCFZ2

Tgt Ion:278 Resp: 40764

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

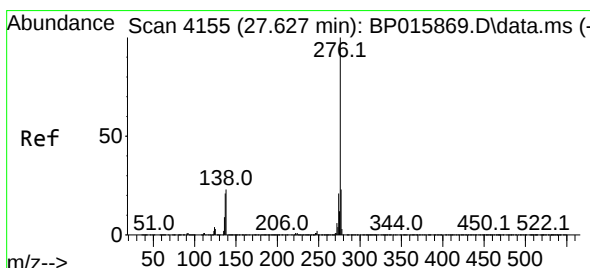
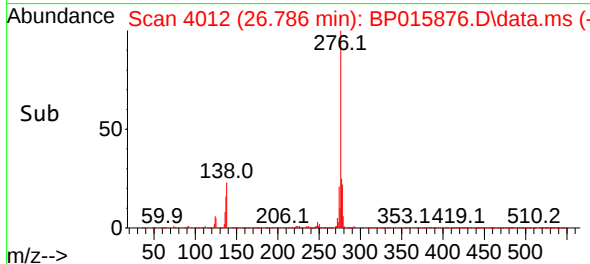
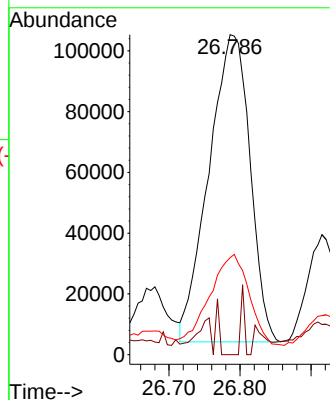
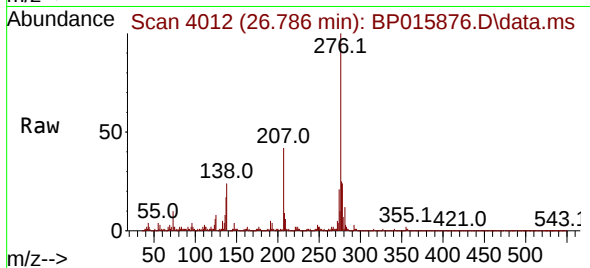
279 30.3 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#96

Benzo(g,h,i)perylene

Concen: 19.253 ng/ul

RT: 27.627 min Scan# 4155

Delta R.T. -0.029 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

Tgt Ion:276 Resp: 1431278

Ion Ratio Lower Upper

276 100

138 24.2 15.1 22.7

277 24.7 18.8 28.2

