

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015871.D
 Acq On : 01 Jul 2023 06:57
 Operator : MA/JU
 Sample : 03239-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY1

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 00:53:40 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	8.051	152	303181	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.881	136	1289766	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.698	164	725736	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.463	188	1318849	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.551	240	1046230	20.000	ng/u1	-0.01
88) Perylene-d12	24.092	264	1220659	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	18793	2.230	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.234	99	350341	13.506	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	251637	15.679	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.587	132	290953	14.858	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	247725	12.088	ng/u1	0.00
21) Nitrobenzene-d5	9.245	128	141969	14.403	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	147668	12.836	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	249950	12.192	ng/u1	0.03
31) 4-Chloroaniline-d4	11.081	131	123389	4.685	ng/u1	0.04
46) Dimethylphthalate-d6	14.116	166	868161	15.477	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	946337	15.008	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.010	143	68192m	9.212	ng/u1	0.06
60) Fluorene-d10	15.704	176	680736	14.739	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.880	200	59634	7.352	ng/u1	0.02
73) Anthracene-d10	17.569	188	903570	14.999	ng/u1	0.00
81) Pyrene-d10	19.786	212	984749	14.414	ng/u1	-0.02
92) Benzo(a)pyrene-d12	23.921	264	861250	13.987	ng/u1	-0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.504	178	136207	1.901	ng/u1	98
80) Fluoranthene	19.463	202	1394386	16.423	ng/u1#	92
82) Pyrene	19.815	202	1134731	13.102	ng/u1#	90
85) Benzo(a)anthracene	21.533	228	877370	11.921	ng/u1	98
87) Chrysene	21.586	228	760445	10.891	ng/u1	98
90) Benzo(b)fluoranthene	23.309	252	1237217	15.774	ng/u1#	95
91) Benzo(k)fluoranthene	23.351	252	355022m	4.480	ng/u1	
93) Benzo(a)pyrene	23.974	252	600450	8.761	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.786	276	494168	5.312	ng/u1	96
95) Dibenzo(a,h)anthracene	26.786	278	147668	1.932	ng/u1#	80

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

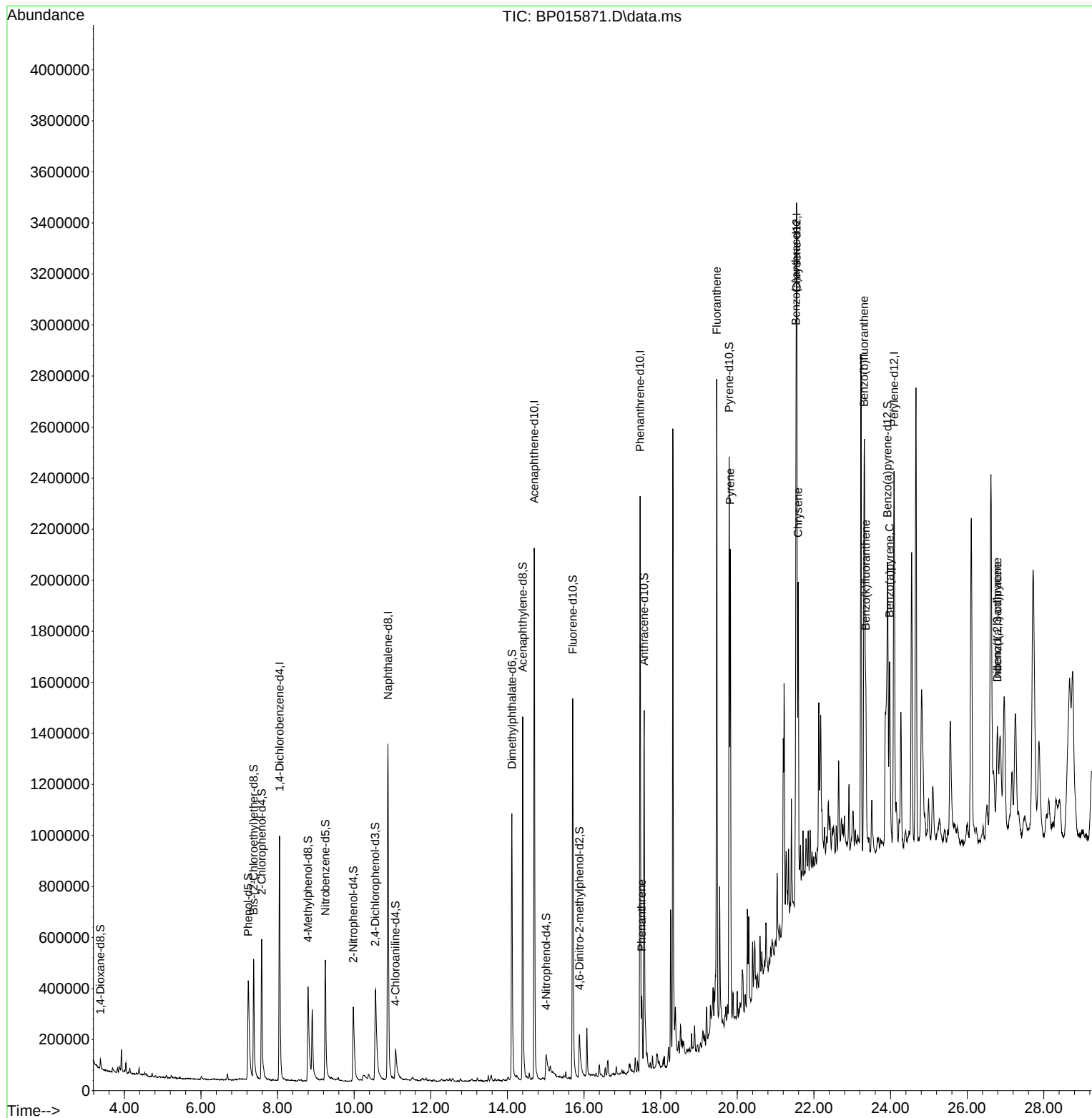
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015871.D
Acq On : 01 Jul 2023 06:57
Operator : MA/JU
Sample : 03239-03
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ALS Vial : 38 Sample Multiplier: 1

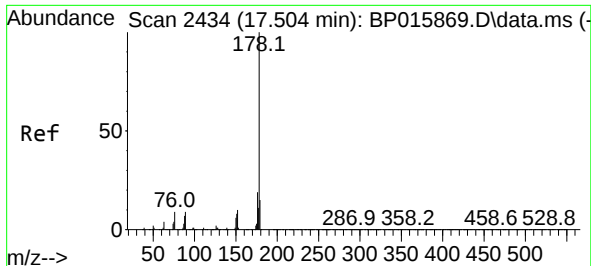
Instrument :
BNA_P
ClientSampleId :
DCFY1

Quant Time: Jul 02 00:53:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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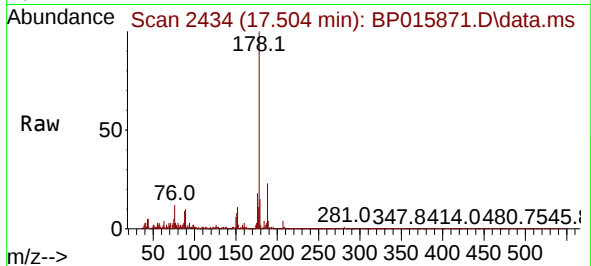
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#72
Phenanthrene
Concen: 1.901 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP015871.D
Acq: 01 Jul 2023 06:57

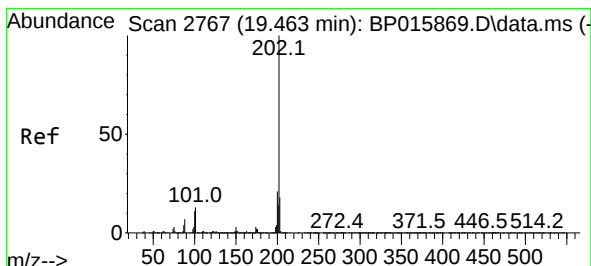
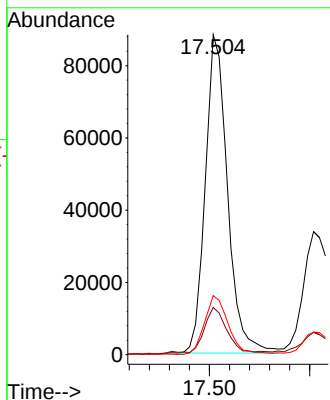
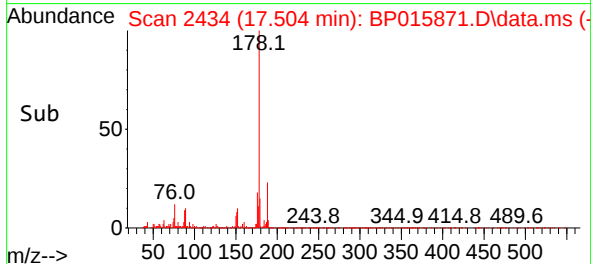
Instrument :
BNA_P
ClientSampleId :
DCFY1



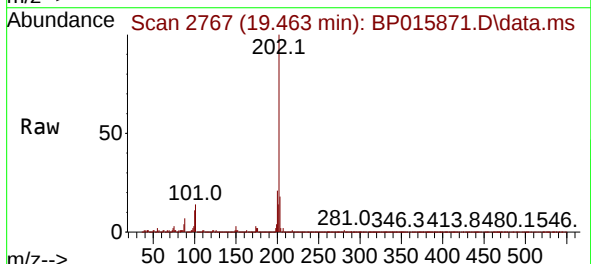
Tgt Ion:178 Resp: 136207
Ion Ratio Lower Upper
178 100
179 14.8 12.4 18.6
176 18.5 15.6 23.4

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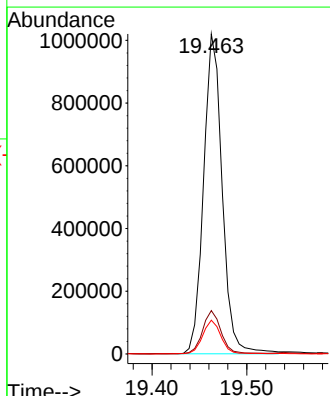
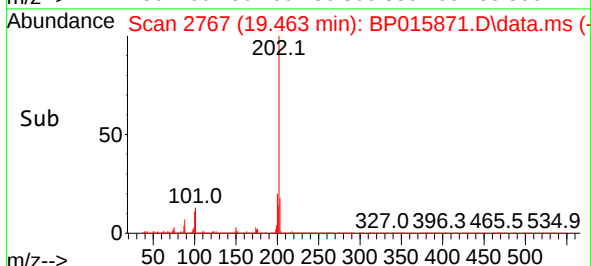
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

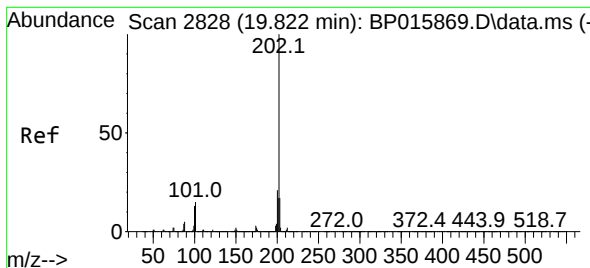


#80
Fluoranthene
Concen: 16.423 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. -0.012 min
Lab File: BP015871.D
Acq: 01 Jul 2023 06:57



Tgt Ion:202 Resp: 1394386
Ion Ratio Lower Upper
202 100
101 13.6 8.3 12.5#
100 10.6 6.6 9.8#





#82

Pyrene

Concen: 13.102 ng/ul

RT: 19.815 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP015871.D

Acq: 01 Jul 2023 06:57

Instrument :

BNA_P

ClientSampleId :

DCFY1

Tgt Ion:202 Resp: 113473

Ion Ratio Lower Upper

202 100

101 15.8 9.3 13.9

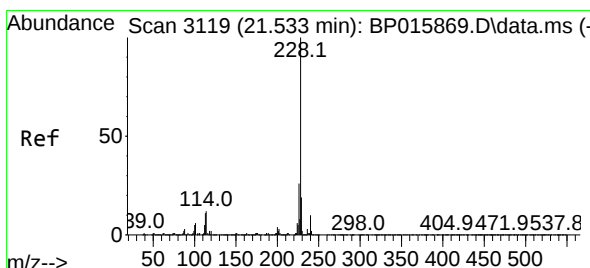
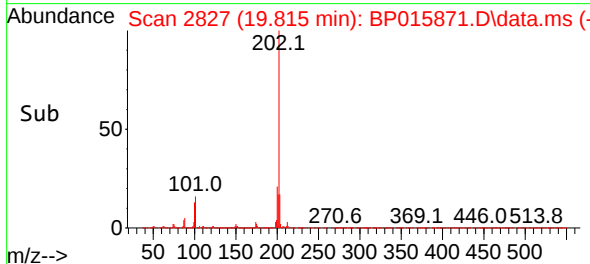
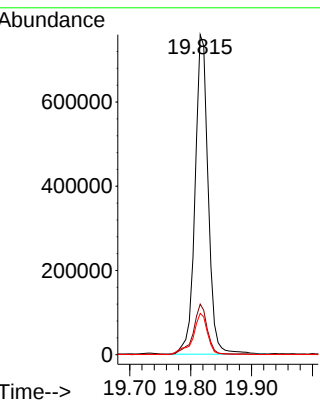
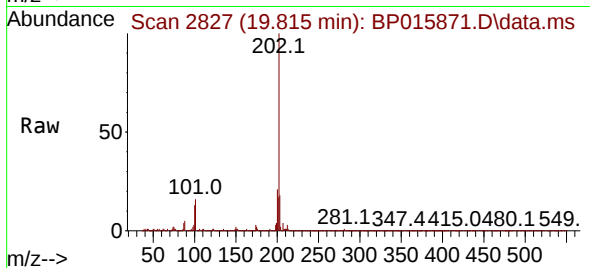
100 12.9 7.6 11.4

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 11.921 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015871.D

Acq: 01 Jul 2023 06:57

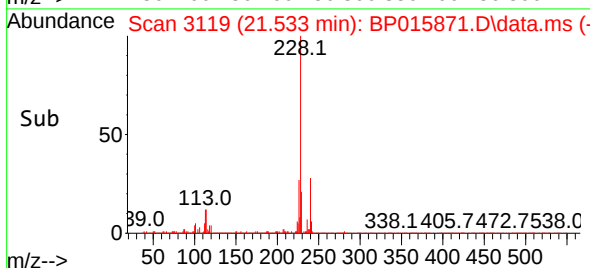
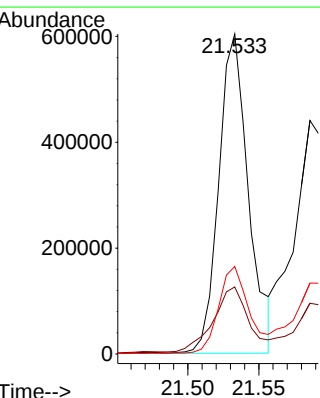
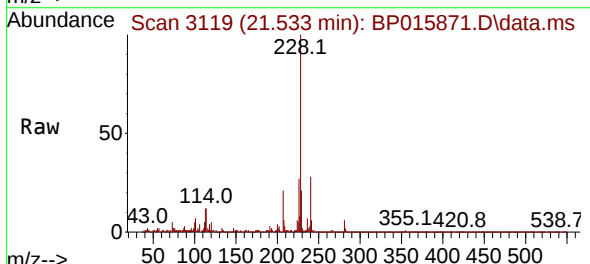
Tgt Ion:228 Resp: 877370

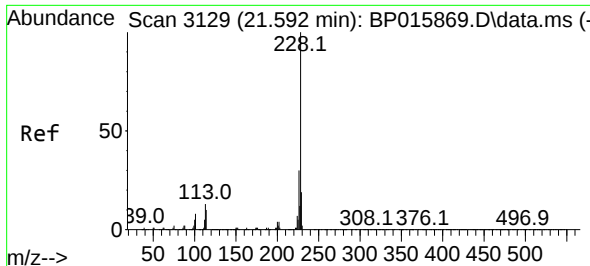
Ion Ratio Lower Upper

228 100

229 21.0 15.3 22.9

226 27.3 21.4 32.0





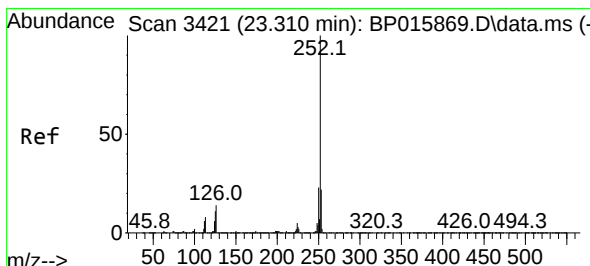
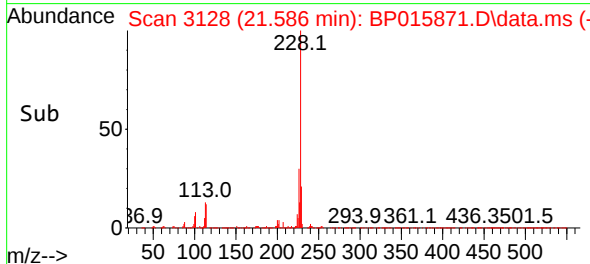
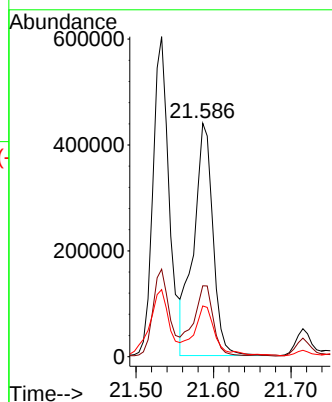
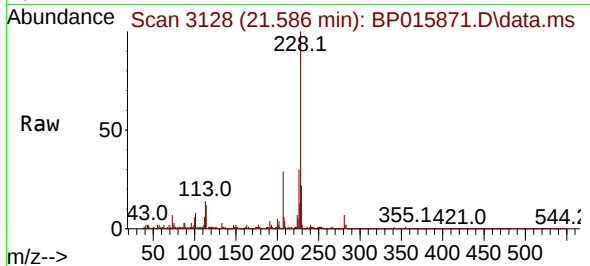
#87
Chrysene
Concen: 10.891 ng/ul
RT: 21.586 min Scan# 3129
Delta R.T. -0.018 min
Lab File: BP015871.D
Acq: 01 Jul 2023 06:57

Instrument :
BNA_P
ClientSampleId :
DCFY1

Tgt Ion:228 Resp: 760449
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.7 15.5 23.3

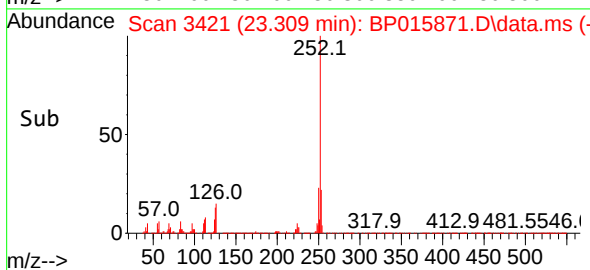
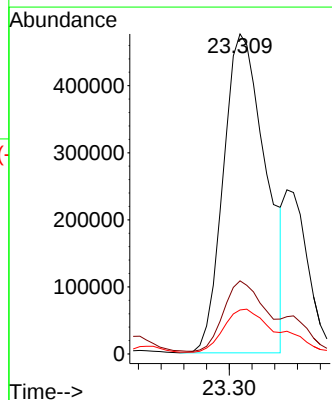
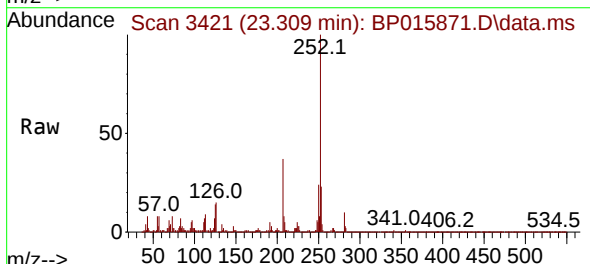
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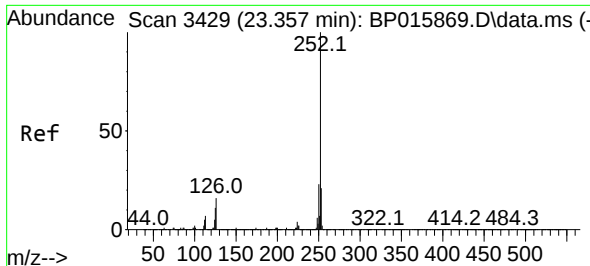
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#90
Benzo(b)fluoranthene
Concen: 15.774 ng/ul
RT: 23.309 min Scan# 3421
Delta R.T. -0.018 min
Lab File: BP015871.D
Acq: 01 Jul 2023 06:57

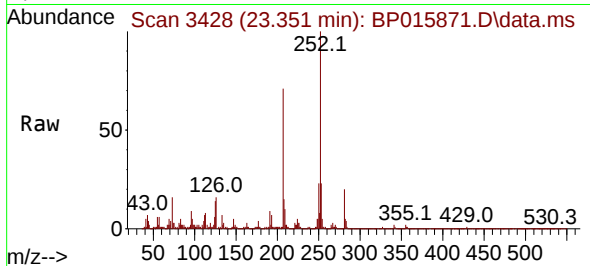
Tgt Ion:252 Resp: 1237217
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 13.7 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 4.480 ng/ul m
RT: 23.351 min Scan# 3429
Delta R.T. -0.030 min
Lab File: BP015871.D
Acq: 01 Jul 2023 06:57

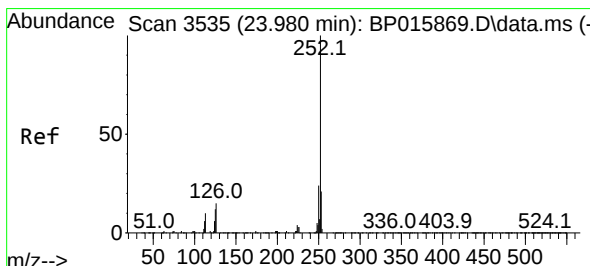
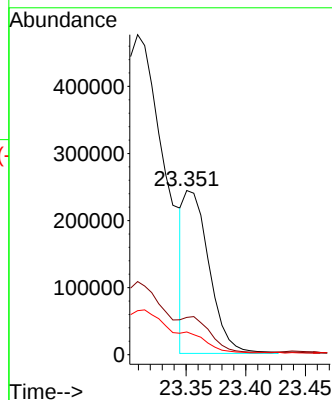
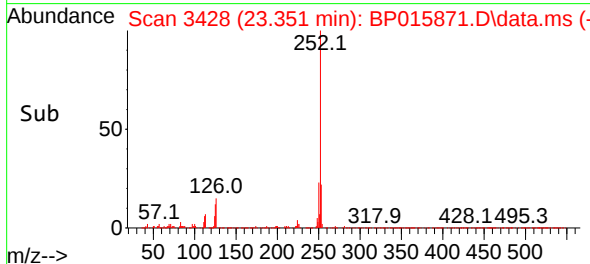
Instrument :
BNA_P
ClientSampleId :
DCFY1



Tgt Ion:252 Resp: 355022
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 13.8 7.3 10.9

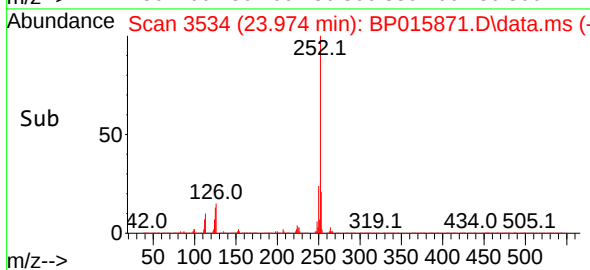
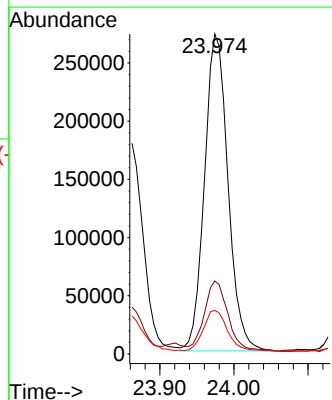
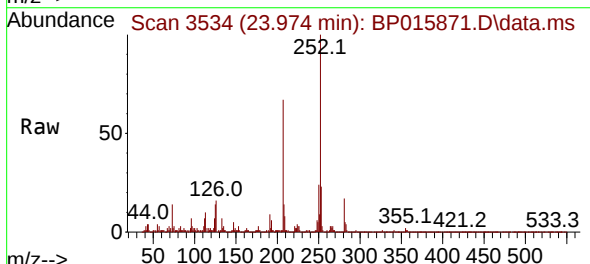
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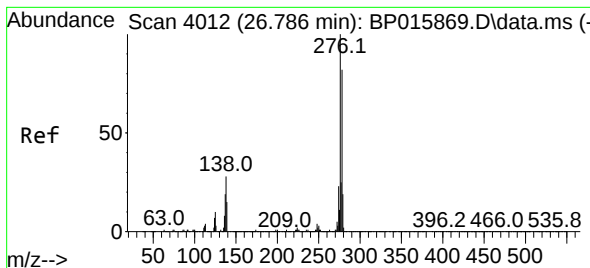
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#93
Benzo(a)pyrene
Concen: 8.761 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.030 min
Lab File: BP015871.D
Acq: 01 Jul 2023 06:57

Tgt Ion:252 Resp: 600450
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 13.7 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.312 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.030 min

Lab File: BP015871.D

Acq: 01 Jul 2023 06:57

Instrument :

BNA_P

ClientSampleId :

DCFY1

Tgt Ion:276 Resp: 494168

Ion Ratio Lower Upper

276 100

138 23.5 15.7 23.5

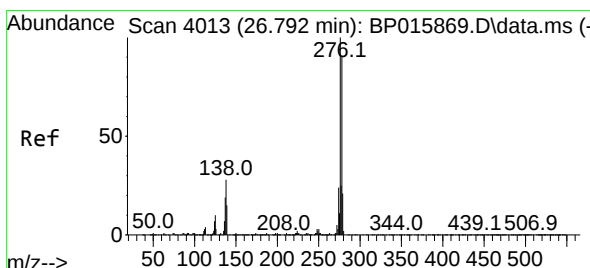
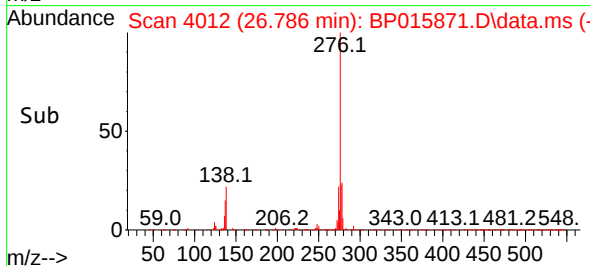
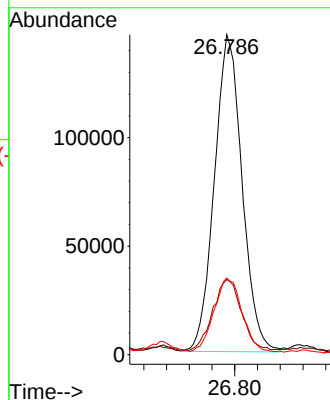
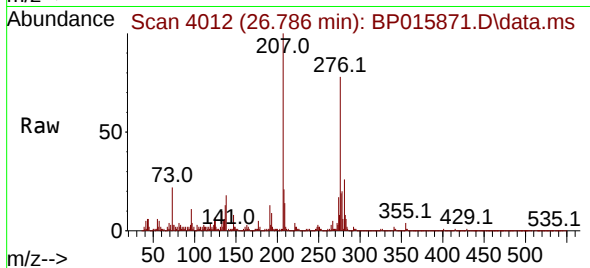
277 23.9 19.6 29.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.932 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.041 min

Lab File: BP015871.D

Acq: 01 Jul 2023 06:57

Tgt Ion:278 Resp: 147668

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 28.9 18.4 27.6#

