

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015872.D
 Acq On : 01 Jul 2023 07:31
 Operator : MA/JU
 Sample : 03239-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY0

Quant Time: Jul 02 00:48:57 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

Manual Integrations APPROVED

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

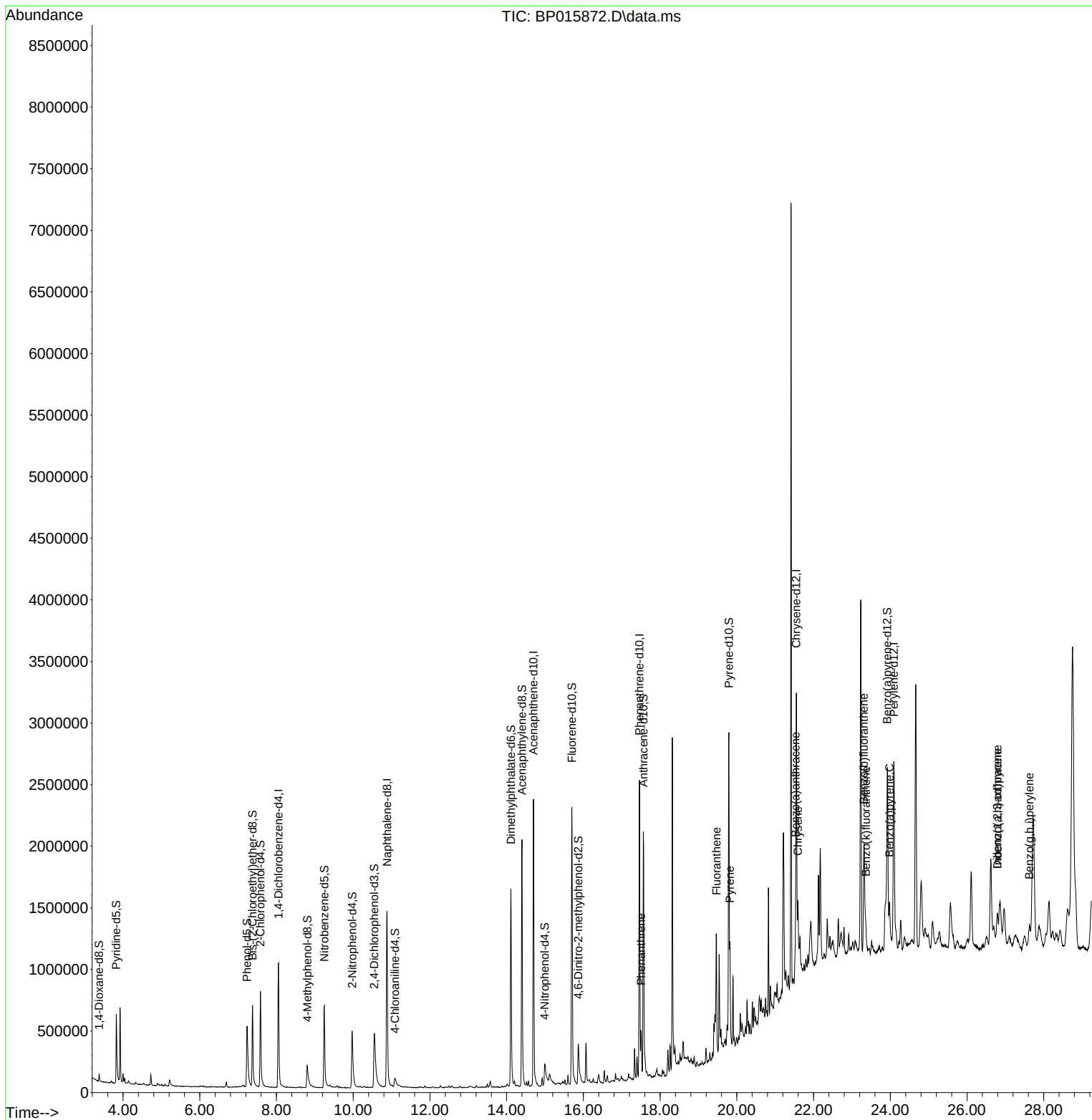
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

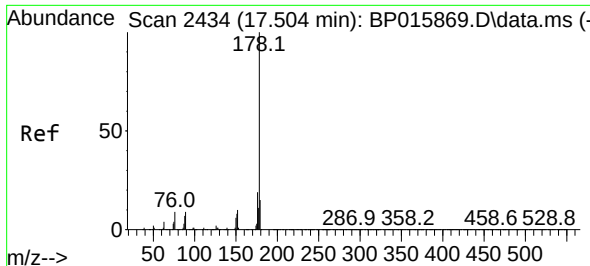
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	313540	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.881	136	1363909	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.698	164	791518	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.463	188	1447669	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.551	240	1010274	20.000	ng/u1	#-0.01
88) Perylene-d12	24.092	264	1194272	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	25575	2.935	ng/uL	-0.01
4) Pyridine-d5	3.822	84	269873	12.285	ng/u1	0.00
7) Phenol-d5	7.234	99	452483	16.867	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	339112	20.432	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.581	132	380980	18.813	ng/u1	-0.01
15) 4-Methylphenol-d8	8.804	113	125493	5.921	ng/u1	0.02
21) Nitrobenzene-d5	9.245	128	190730	18.298	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	209505	17.221	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	325149	14.998	ng/u1	0.03
31) 4-Chloroaniline-d4	11.087	131	91990	3.303	ng/u1	0.05
46) Dimethylphthalate-d6	14.110	166	1216805	19.890	ng/u1	-0.01
49) Acenaphthylene-d8	14.398	160	1339349	19.475	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.992	143	98240m	12.168	ng/u1	0.05
60) Fluorene-d10	15.698	176	975444	19.364	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.869	200	106431	11.954	ng/u1	0.01
73) Anthracene-d10	17.563	188	1286888	19.461	ng/u1	-0.01
81) Pyrene-d10	19.792	212	1320846	20.022	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.921	264	1214928	20.167	ng/u1	-0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.504	178	201591	2.563	ng/u1	99
80) Fluoranthene	19.468	202	524998	6.403	ng/u1#	94
82) Pyrene	19.821	202	458183	5.479	ng/u1#	92
85) Benzo(a)anthracene	21.533	228	265208m	3.732	ng/u1	
87) Chrysene	21.592	228	303396	4.500	ng/u1	97
90) Benzo(b)fluoranthene	23.309	252	488981	6.372	ng/u1#	93
91) Benzo(k)fluoranthene	23.362	252	158931m	2.050	ng/u1	
93) Benzo(a)pyrene	23.980	252	301992	4.504	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.792	276	281737	3.095	ng/u1#	95
95) Dibenzo(a,h)anthracene	26.792	278	74909	1.002	ng/u1#	72
96) Benzo(g,h,i)perylene	27.627	276	271619	3.627	ng/u1#	94

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

Manual Integrations

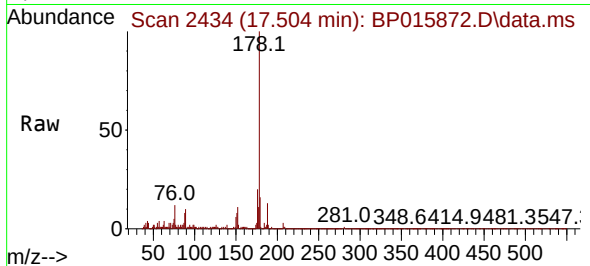
Quant Time: Jul 02 00:48:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.563 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP015872.D
Acq: 01 Jul 2023 07:31

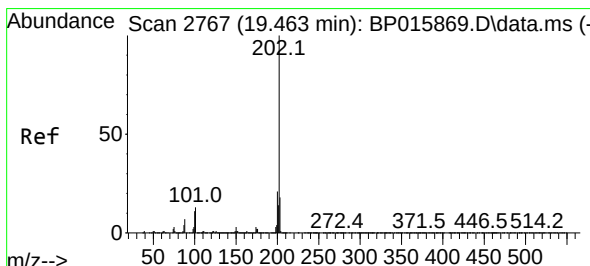
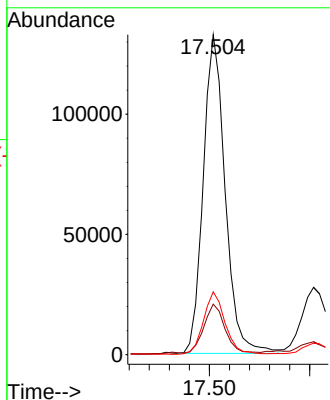
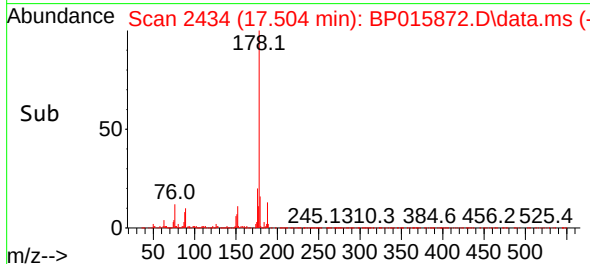
Instrument :
BNA_P
ClientSampleId :
DCFY0



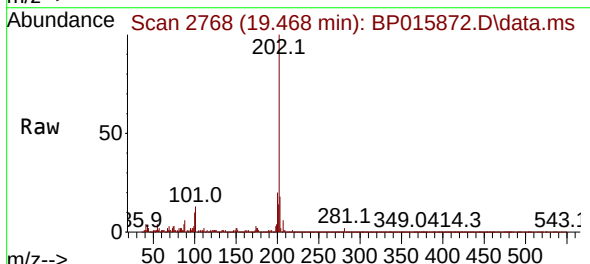
Tgt Ion:178 Resp: 20159
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.6 15.6 23.4

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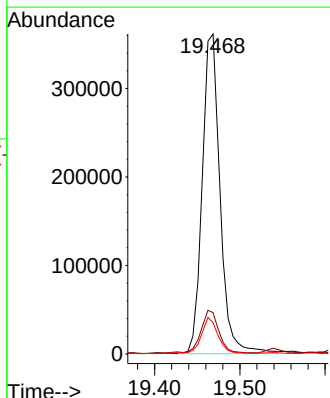
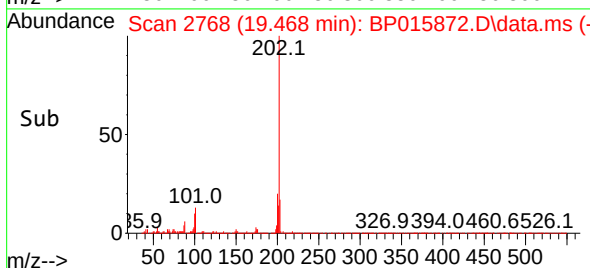
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

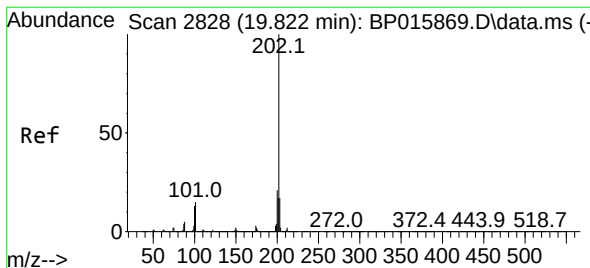


#80
Fluoranthene
Concen: 6.403 ng/ul
RT: 19.468 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP015872.D
Acq: 01 Jul 2023 07:31



Tgt Ion:202 Resp: 524998
Ion Ratio Lower Upper
202 100
101 12.9 8.3 12.5#
100 9.8 6.6 9.8





#82

Pyrene

Concen: 5.479 ng/ul

RT: 19.821 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

DCFY0

Tgt Ion:202 Resp: 45818

Ion Ratio Lower Upper

202 100

101 14.6 9.3 13.9

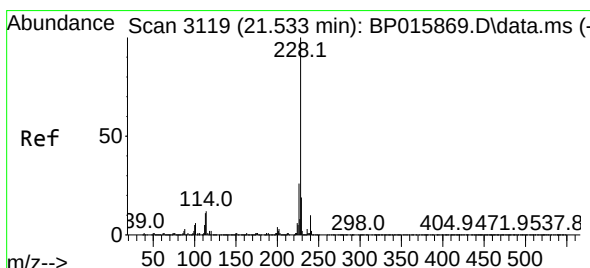
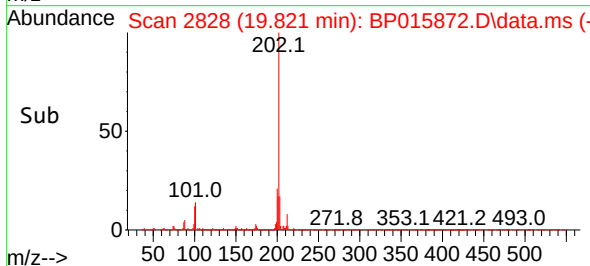
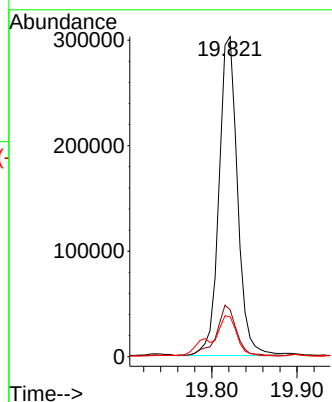
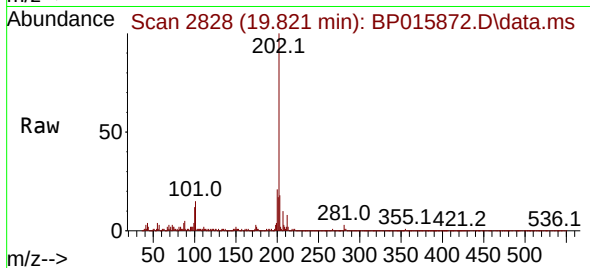
100 12.4 7.6 11.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#85

Benzo(a)anthracene

Concen: 3.732 ng/ul m

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

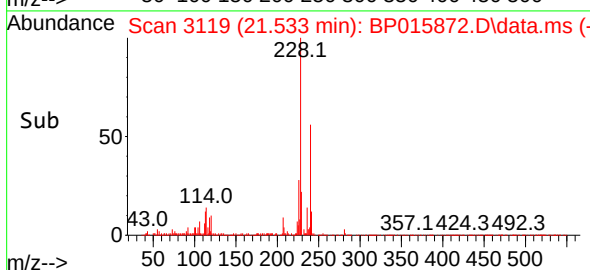
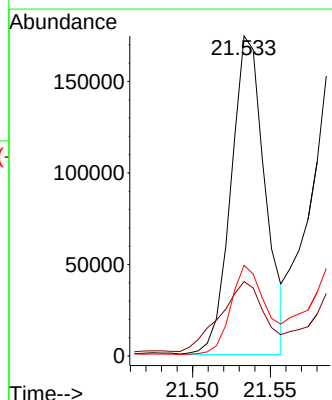
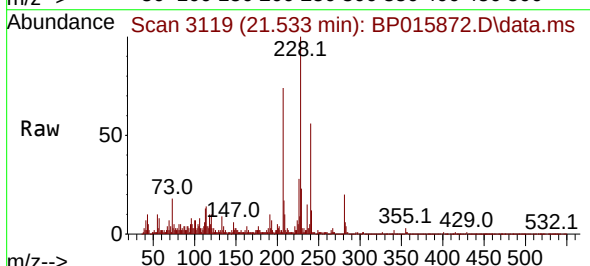
Tgt Ion:228 Resp: 265208

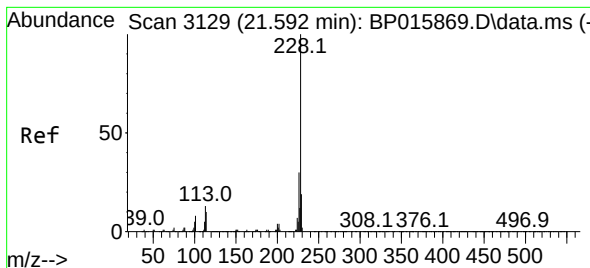
Ion Ratio Lower Upper

228 100

229 23.3 15.3 22.9

226 28.3 21.4 32.0





#87

Chrysene

Concen: 4.500 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

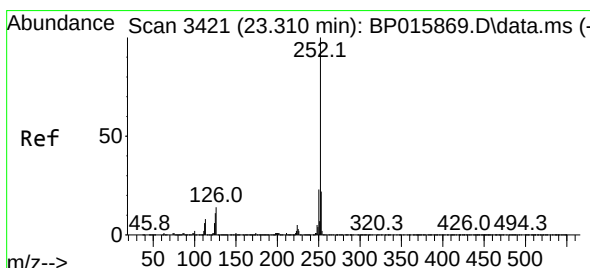
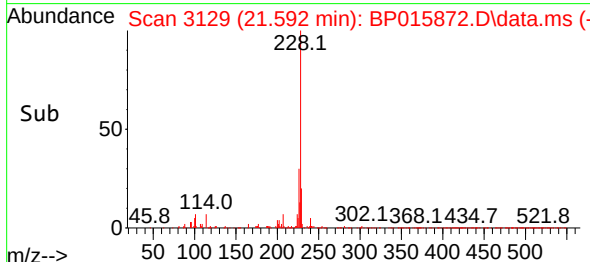
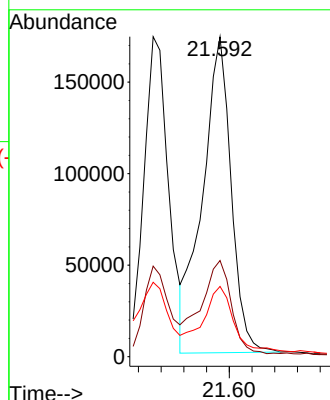
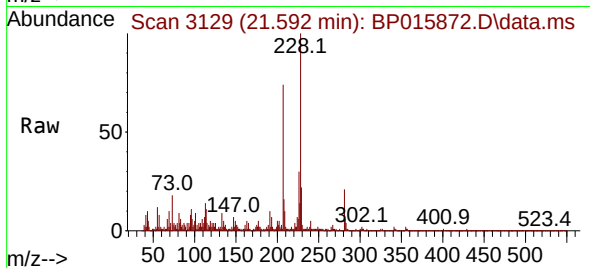
DCFY0

Tgt Ion:228 Resp: 303390
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 22.0 15.5 23.3

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 Supervised By :Sohil Jodhani 07/02/2023



#90

Benzo(b)fluoranthene

Concen: 6.372 ng/ul

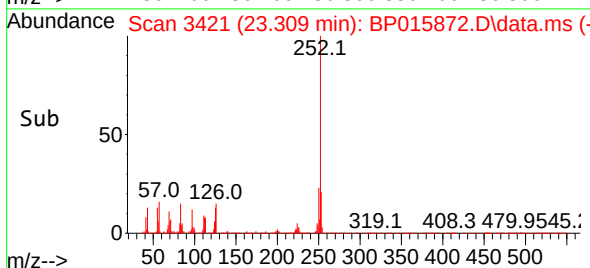
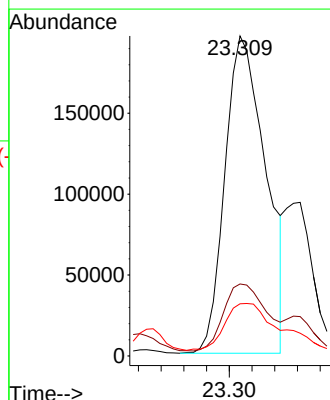
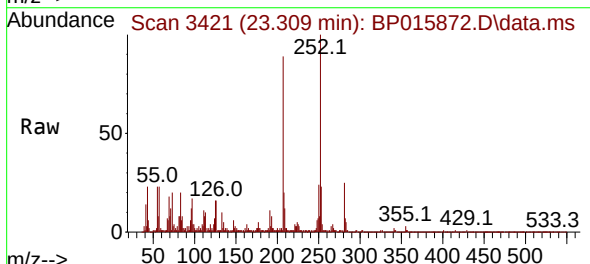
RT: 23.309 min Scan# 3421

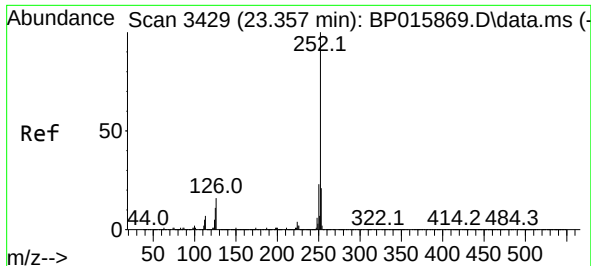
Delta R.T. -0.018 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Tgt Ion:252 Resp: 488981
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.3 25.9
 125 16.3 7.5 11.3





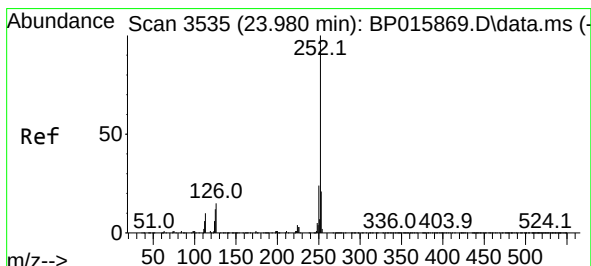
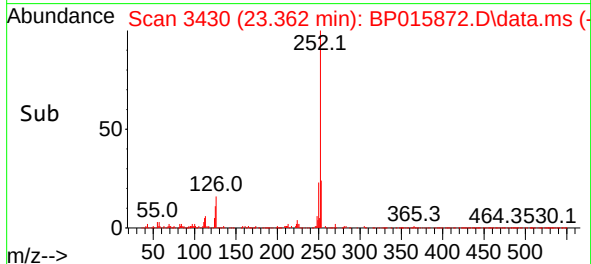
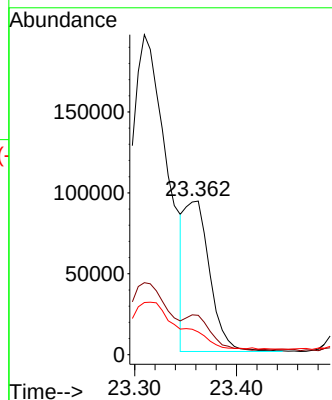
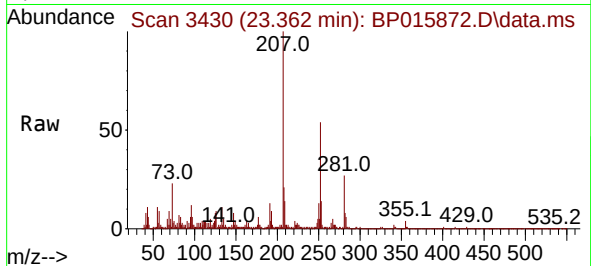
#91
Benzo(k)fluoranthene
Concen: 2.050 ng/ul m
RT: 23.362 min Scan# 3429
Delta R.T. -0.018 min
Lab File: BP015872.D
Acq: 01 Jul 2023 07:31

Instrument :
BNA_P
ClientSampleId :
DCFY0

Tgt Ion:252 Resp: 15893
Ion Ratio Lower Upper
252 100
253 25.7 17.0 25.4
125 14.8 7.3 10.9

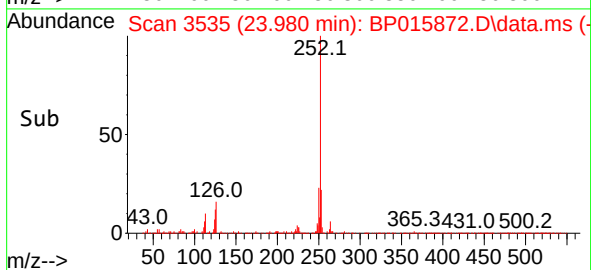
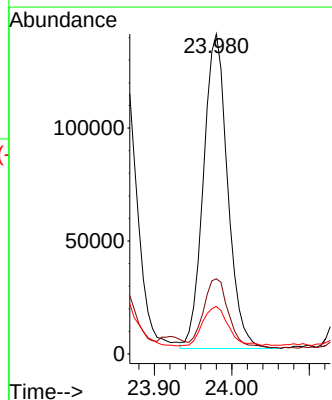
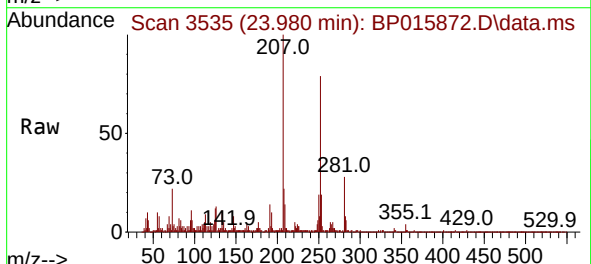
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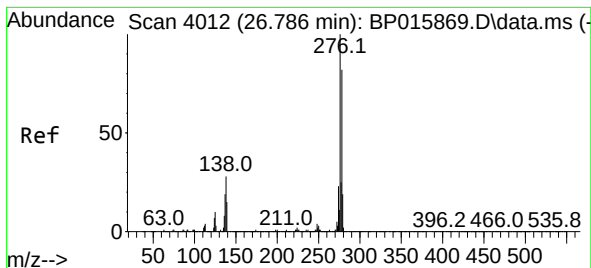
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#93
Benzo(a)pyrene
Concen: 4.504 ng/ul
RT: 23.980 min Scan# 3535
Delta R.T. -0.024 min
Lab File: BP015872.D
Acq: 01 Jul 2023 07:31

Tgt Ion:252 Resp: 301992
Ion Ratio Lower Upper
252 100
253 23.5 17.7 26.5
125 14.8 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.095 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.024 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

DCFY0

Tgt Ion:276 Resp: 28173

Ion Ratio Lower Upper

276 100

138 24.0 15.7 23.5

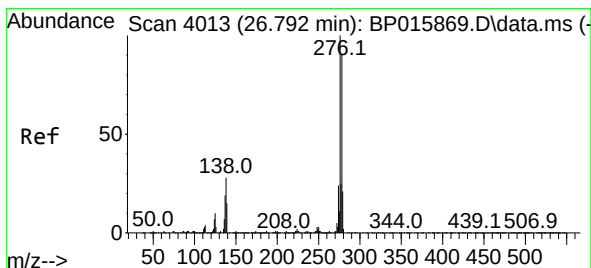
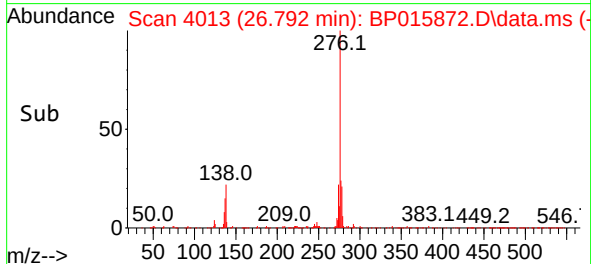
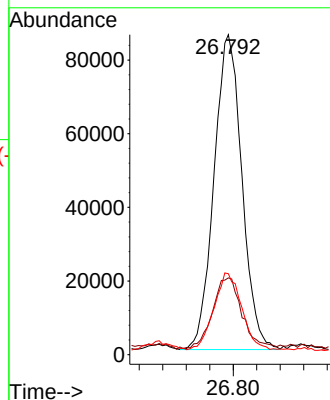
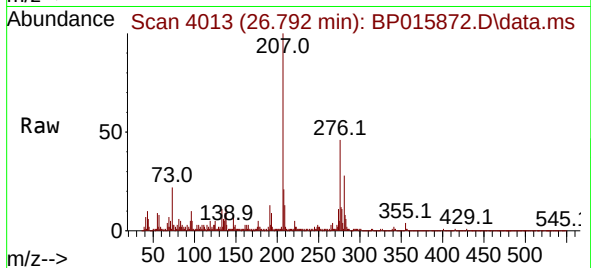
277 25.3 19.6 29.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.002 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.035 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

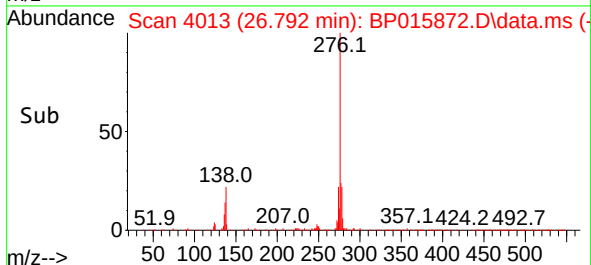
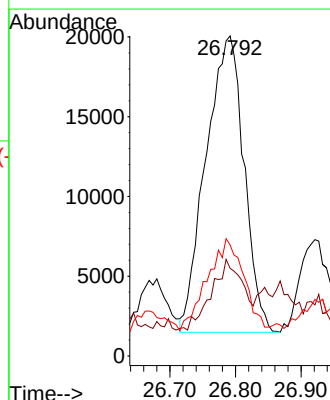
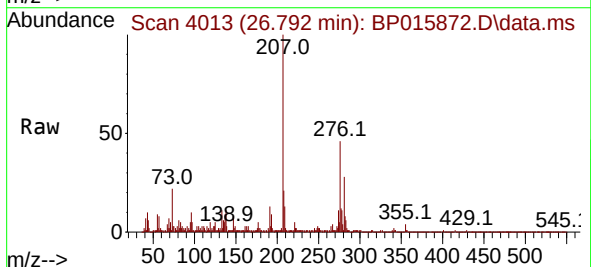
Tgt Ion:278 Resp: 74909

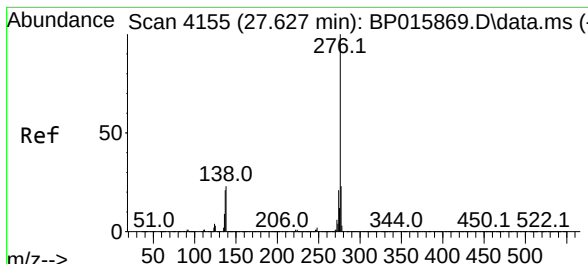
Ion Ratio Lower Upper

278 100

139 27.4 10.5 15.7#

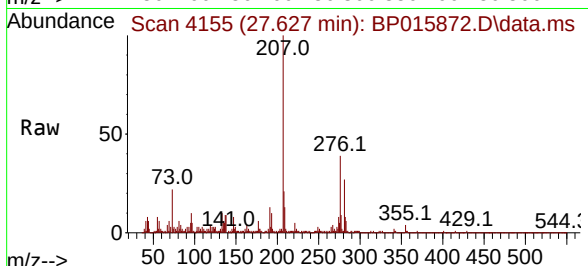
279 34.7 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 3.627 ng/ul
 RT: 27.627 min Scan# 4155
 Delta R.T. -0.030 min
 Lab File: BP015872.D
 Acq: 01 Jul 2023 07:31

Instrument :
 BNA_P
 ClientSampleId :
 DCFY0



Tgt Ion:	276	Resp:	271619
Ion Ratio	Lower	Upper	
276	100		
138	24.4	15.1	22.7
277	24.4	18.8	28.2

Manual Integrations
 APPROVED

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 Supervised By :Sohil Jodhani 07/02/2023

