

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015855.D
 Acq On : 30 Jun 2023 21:22
 Operator : MA/JU
 Sample : 03239-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY3

Quant Time: Jun 30 22:36:24 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

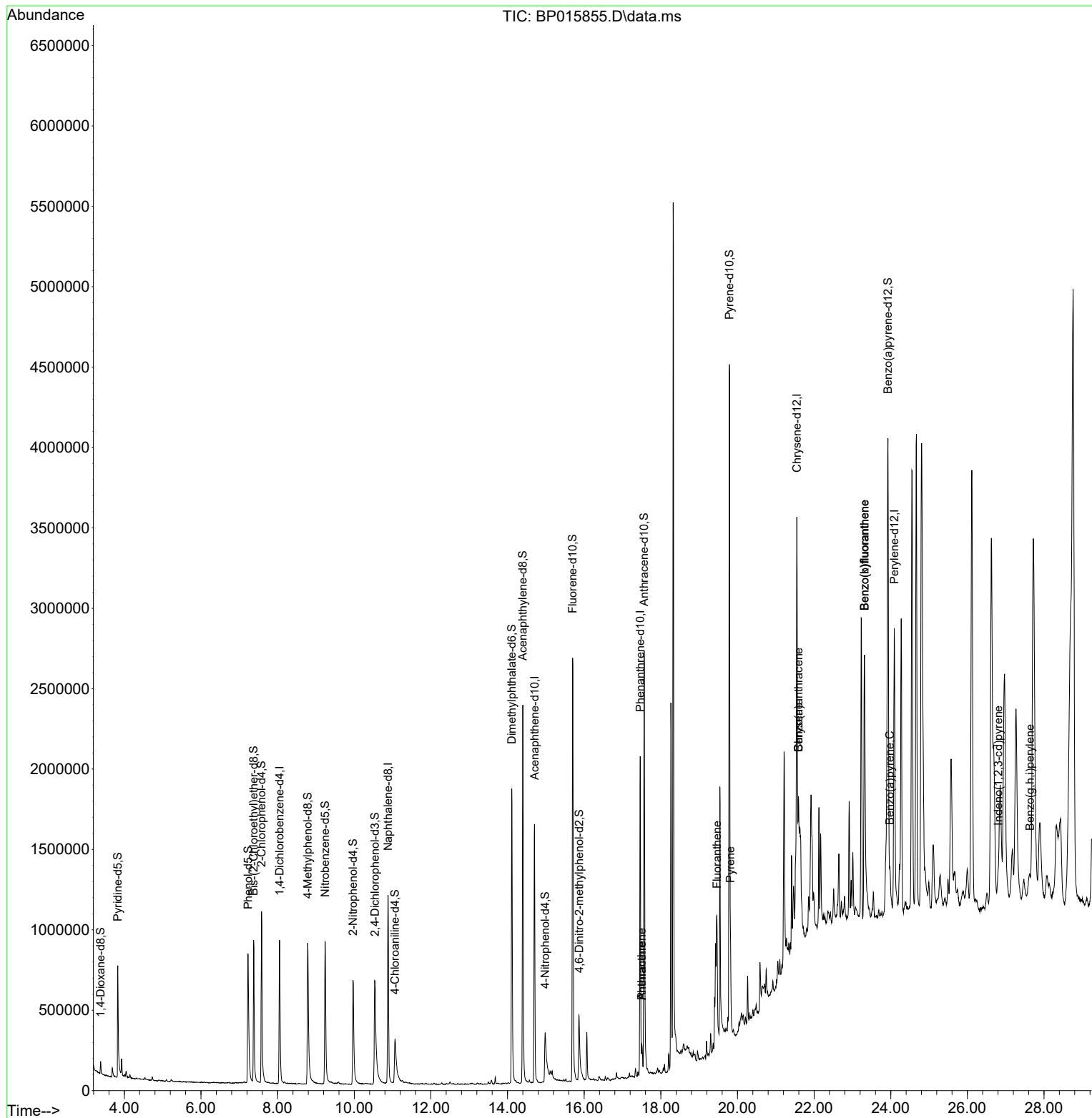
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	263309	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1009134	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	544105	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1137488	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1124812	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1355510	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	36426	4.977	ng/uL	0.00
4) Pyridine-d5	3.828	84	376470	20.407	ng/ul	0.00
7) Phenol-d5	7.228	99	652558	28.965	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	444055	31.859	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	525757	30.915	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	468040	26.298	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	247746	32.124	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	262698	29.185	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	437670	27.286	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	310300	15.060	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1378510	32.779	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1605004	33.950	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	176316	31.770	ng/ul	0.03
60) Fluorene-d10	15.698	176	1164024	33.615	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	134130	19.174	ng/ul	0.01
73) Anthracene-d10	17.563	188	1739280	33.475	ng/ul	0.00
81) Pyrene-d10	19.786	212	2258696	30.752	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	2403200	35.146	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	86573	1.401	ng/ul	98
74) Anthracene	17.504	178	87848	1.415	ng/ul	96
80) Fluoranthene	19.469	202	304512	3.336	ng/ul#	93
82) Pyrene	19.816	202	273654	2.939	ng/ul#	88
85) Benzo(a)anthracene	21.592	228	224819	2.841	ng/ul	91
87) Chrysene	21.592	228	224007	2.984	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	356203	4.090	ng/ul#	79
91) Benzo(k)fluoranthene	23.316	252	356203	4.048	ng/ul#	78
93) Benzo(a)pyrene	23.980	252	209510	2.753	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.804	276	189961	1.839	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	195059	2.295	ng/ul#	91

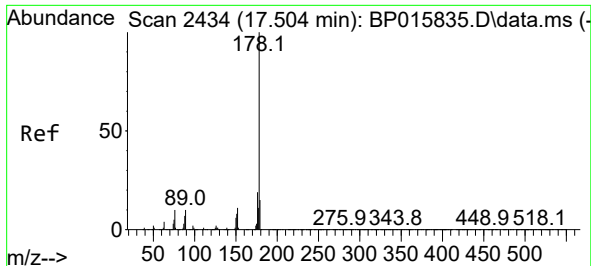
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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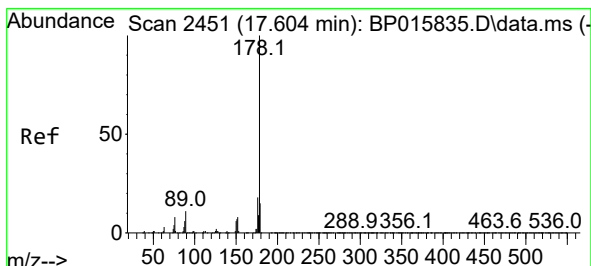
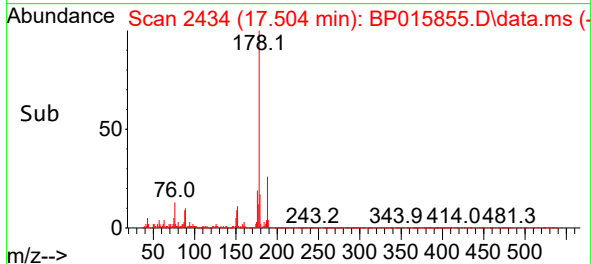
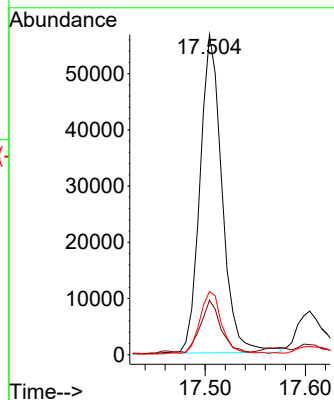
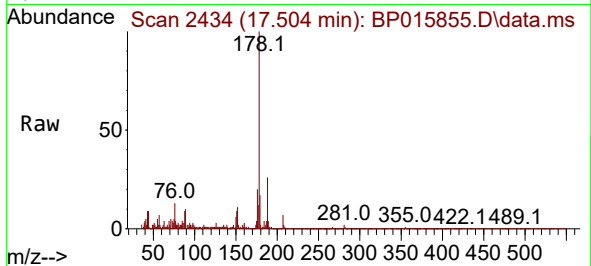




#72
Phenanthrene
Concen: 1.401 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015855.D
Acq: 30 Jun 2023 21:22

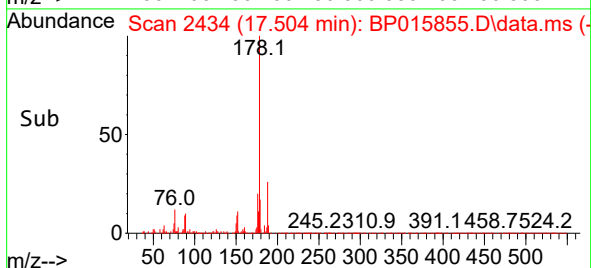
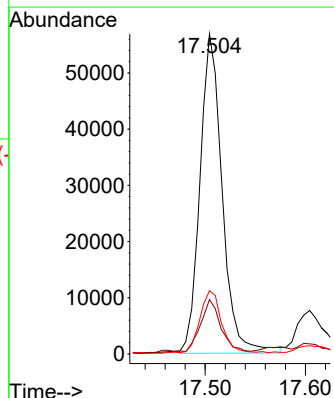
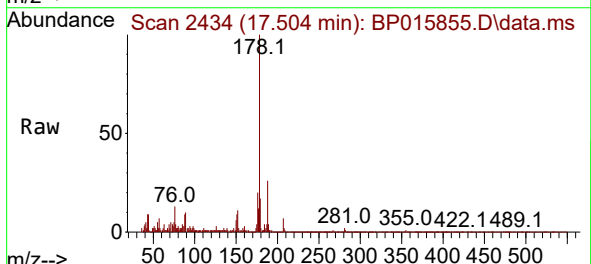
Instrument :
BNA_P
ClientSampleId :
DCFY3

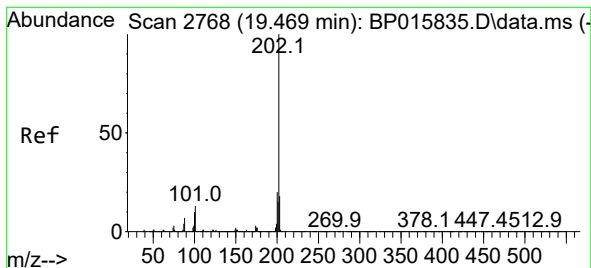
Tgt Ion:178 Resp: 86573
Ion Ratio Lower Upper
178 100
179 17.0 12.4 18.6
176 19.7 15.6 23.4



#74
Anthracene
Concen: 1.415 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.100 min
Lab File: BP015855.D
Acq: 30 Jun 2023 21:22

Tgt Ion:178 Resp: 87848
Ion Ratio Lower Upper
178 100
179 17.0 12.1 18.1
176 19.7 14.6 22.0





#80

Fluoranthene

Concen: 3.336 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015855.D

Acq: 30 Jun 2023 21:22

Instrument :

BNA_P

ClientSampleId :

DCFY3

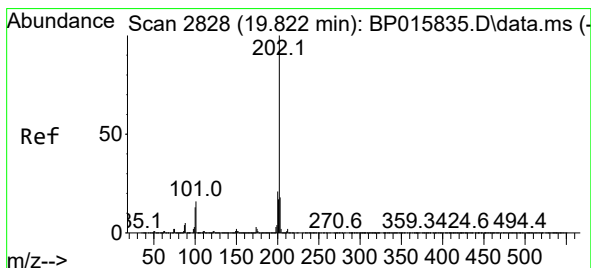
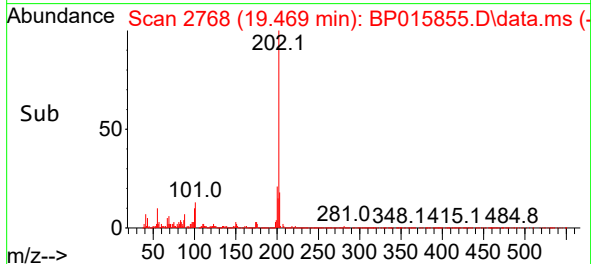
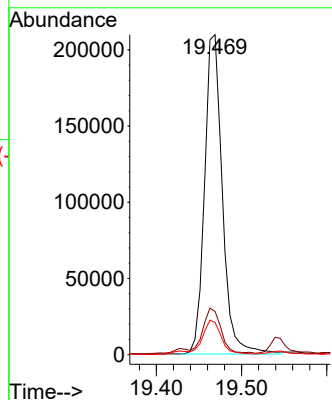
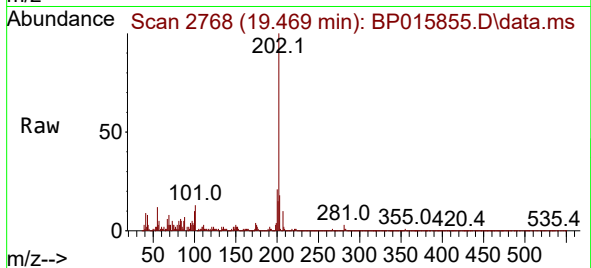
Tgt Ion:202 Resp: 304512

Ion Ratio Lower Upper

202 100

101 13.5 8.3 12.5#

100 10.1 6.6 9.8#



#82

Pyrene

Concen: 2.939 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP015855.D

Acq: 30 Jun 2023 21:22

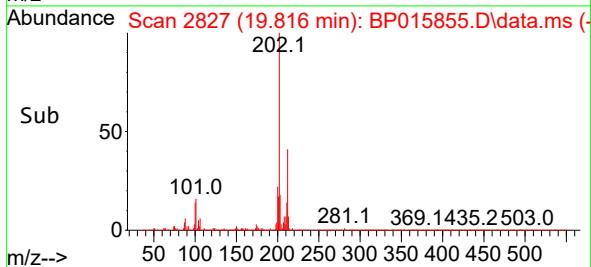
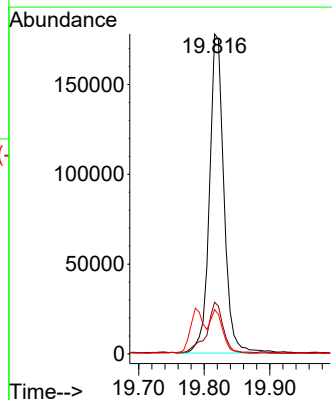
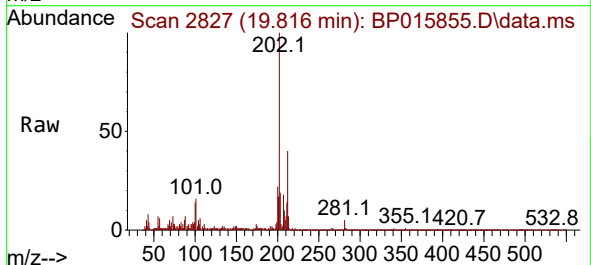
Tgt Ion:202 Resp: 273654

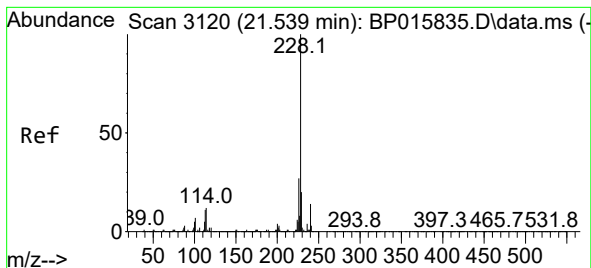
Ion Ratio Lower Upper

202 100

101 16.1 9.3 13.9#

100 13.8 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 2.841 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.053 min

Lab File: BP015855.D

Acq: 30 Jun 2023 21:22

Instrument :

BNA_P

ClientSampleId :

DCFY3

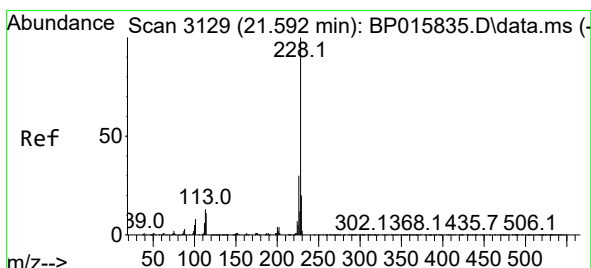
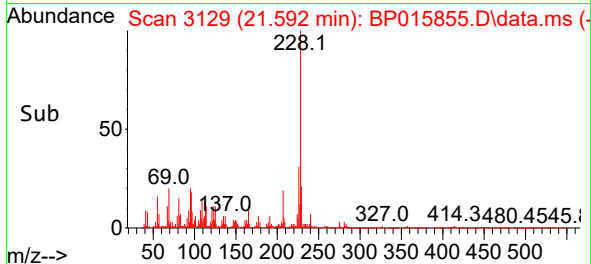
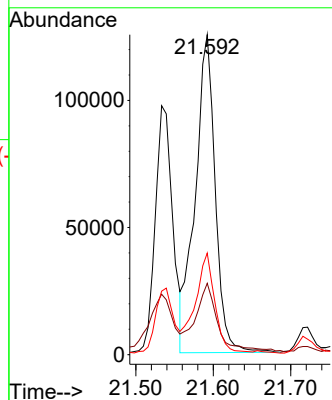
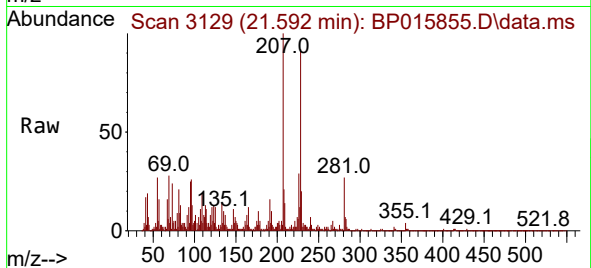
Tgt Ion:228 Resp: 224819

Ion Ratio Lower Upper

228 100

229 22.3 15.3 22.9

226 31.8 21.4 32.0



#87

Chrysene

Concen: 2.984 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015855.D

Acq: 30 Jun 2023 21:22

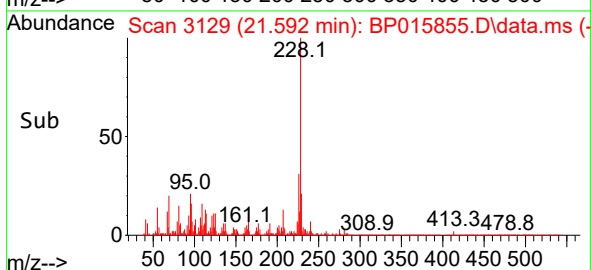
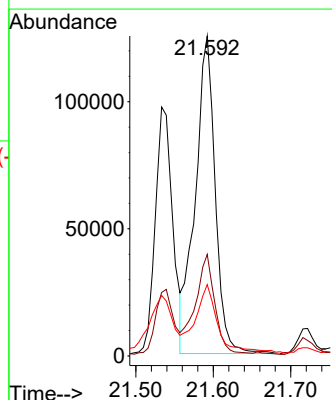
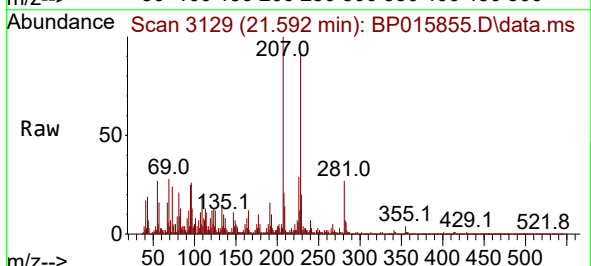
Tgt Ion:228 Resp: 224007

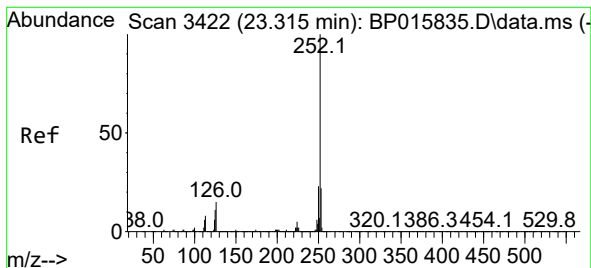
Ion Ratio Lower Upper

228 100

226 31.8 24.3 36.5

229 22.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 4.090 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BP015855.D

Acq: 30 Jun 2023 21:22

Instrument :

BNA_P

ClientSampleId :

DCFY3

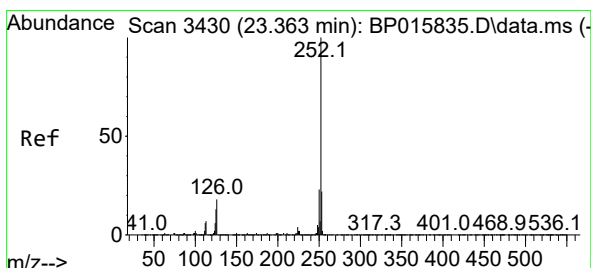
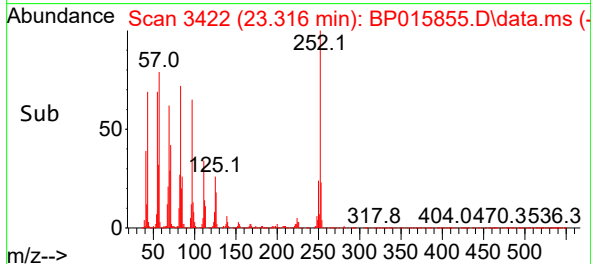
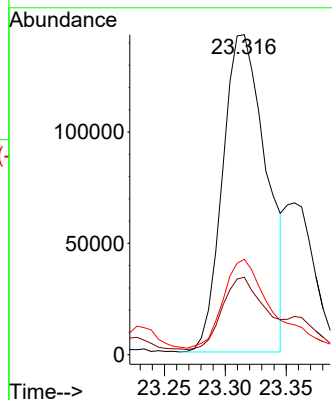
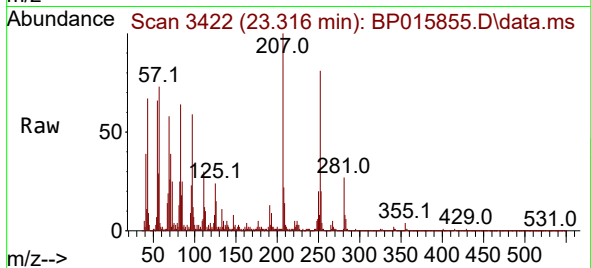
Tgt Ion:252 Resp: 356203

Ion Ratio Lower Upper

252 100

253 24.2 17.3 25.9

125 29.8 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 4.048 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.047 min

Lab File: BP015855.D

Acq: 30 Jun 2023 21:22

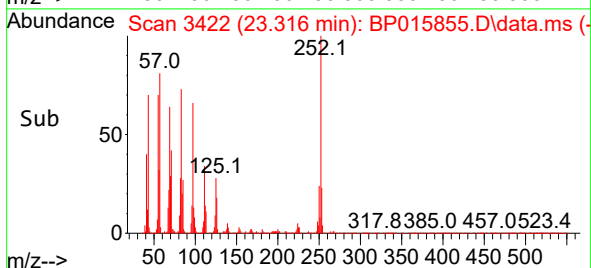
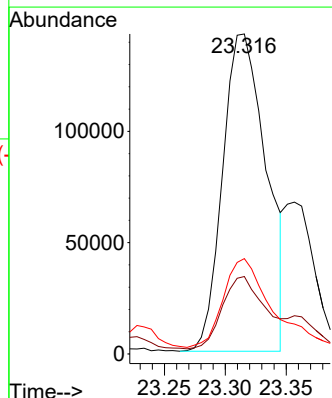
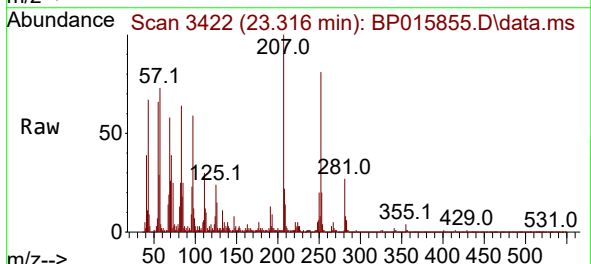
Tgt Ion:252 Resp: 356203

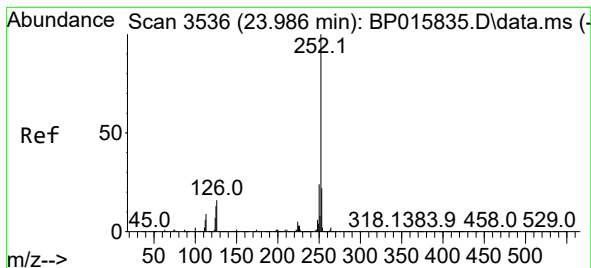
Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.4

125 29.8 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.753 ng/ul

RT: 23.980 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015855.D

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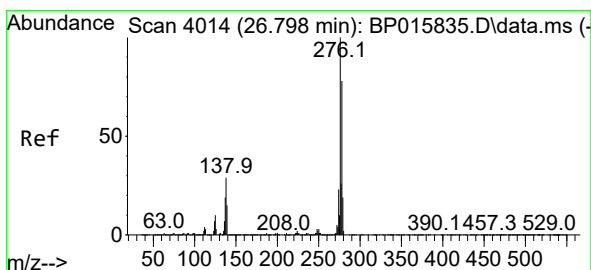
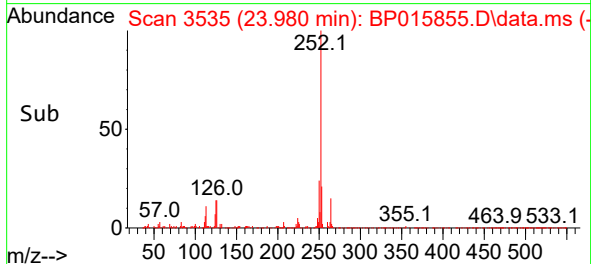
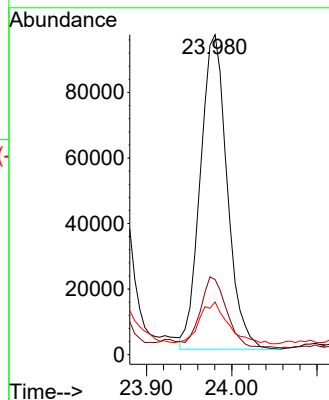
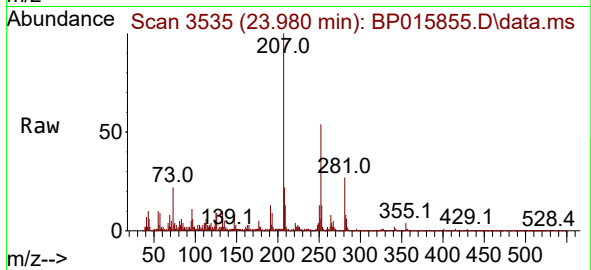
Tgt Ion:252 Resp: 209510

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 16.5 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.839 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. 0.006 min

Lab File: BP015855.D

Acq: 30 Jun 2023 21:22

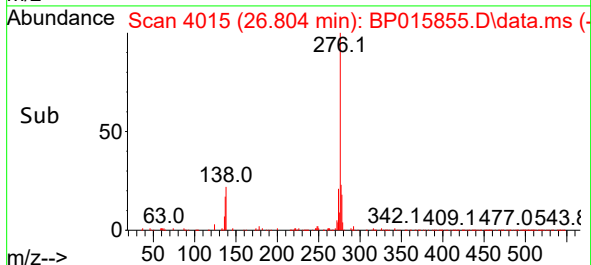
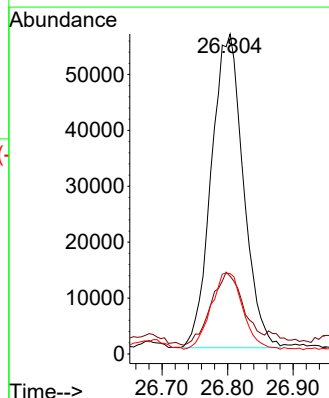
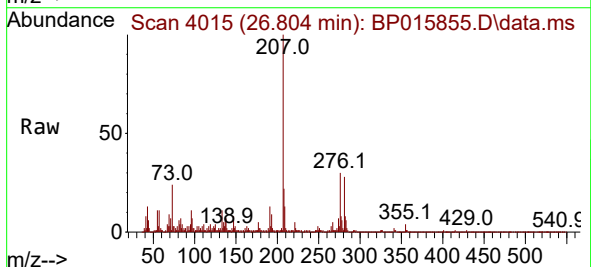
Tgt Ion:276 Resp: 189961

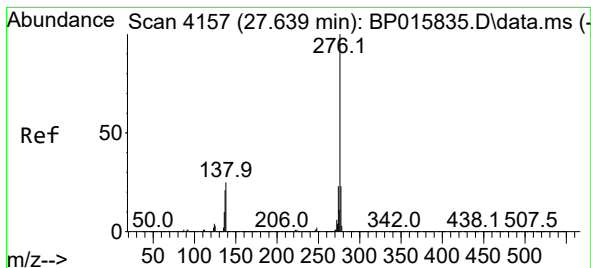
Ion Ratio Lower Upper

276 100

138 24.3 15.7 23.5#

277 25.1 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 2.295 ng/ul

RT: 27.633 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP015855.D

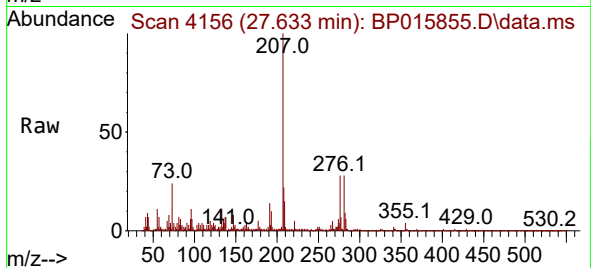
Acq: 30 Jun 2023 21:22

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Tgt Ion:276 Resp: 195059

Ion Ratio Lower Upper

276 100

138 25.3 15.1 22.7#

277 26.3 18.8 28.2

