

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015893.D
 Acq On : 01 Jul 2023 20:29
 Operator : MA/JU
 Sample : 03242-19
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGC0

Quant Time: Jul 02 03:28:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 02:29:46 2023
 Response via : Initial Calibration

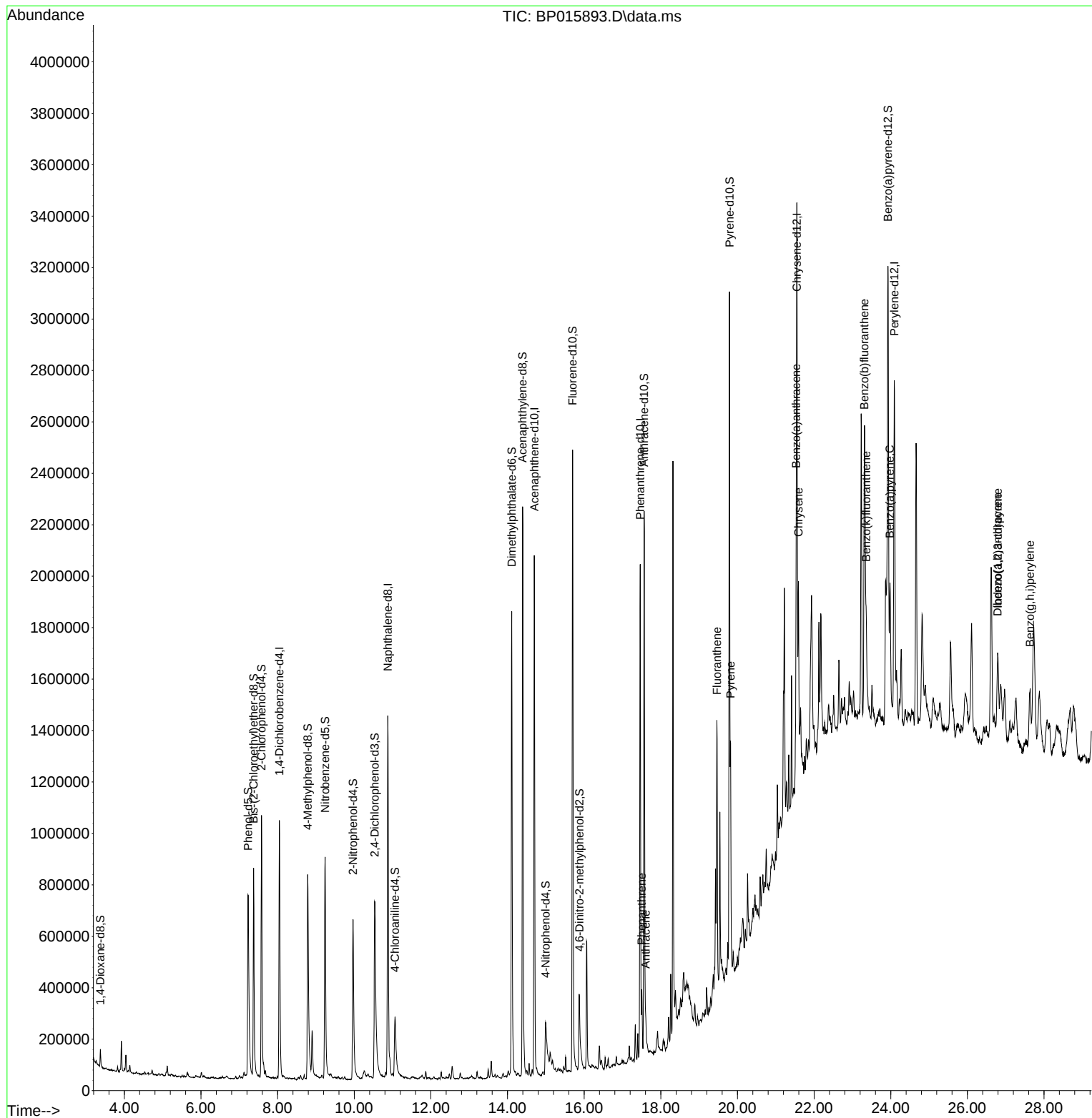
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	297128	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1249892	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	673929	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1148851	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	891399	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1070920	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	30736	3.722	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.228	99	598079	23.525	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	412603	26.233	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	489680	25.516	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	437829	21.800	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	237819	24.897	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	257083	23.060	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	431268	21.708	ng/ul	0.01
31) 4-Chloroaniline-d4	11.063	131	225919	8.852	ng/ul	0.02
46) Dimethylphthalate-d6	14.110	166	1354495	26.003	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1505217	25.706	ng/ul	0.00
54) 4-Nitrophenol-d4	14.993	143	119738	17.419	ng/ul	0.02
60) Fluorene-d10	15.698	176	1061264	24.744	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	94990	13.445	ng/ul	0.01
73) Anthracene-d10	17.563	188	1321328	25.179	ng/ul	0.00
81) Pyrene-d10	19.792	212	1387814	23.843	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1424240	26.364	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	132915	2.130	ng/ul	100
74) Anthracene	17.604	178	64418	1.027	ng/ul	97
80) Fluoranthene	19.469	202	571070	7.894	ng/ul#	95
82) Pyrene	19.822	202	488197	6.616	ng/ul#	92
85) Benzo(a)anthracene	21.533	228	425501	6.786	ng/ul	95
87) Chrysene	21.592	228	456207	7.668	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	753634	10.952	ng/ul#	94
91) Benzo(k)fluoranthene	23.357	252	251635	3.619	ng/ul#	91
93) Benzo(a)pyrene	23.980	252	420988	7.002	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.792	276	365787	4.481	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.786	278	108104	1.612	ng/ul#	75
96) Benzo(g,h,i)perylene	27.633	276	353943	5.271	ng/ul#	93

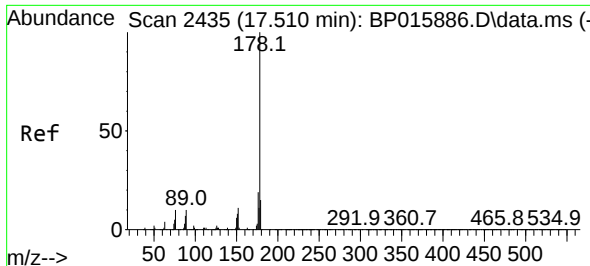
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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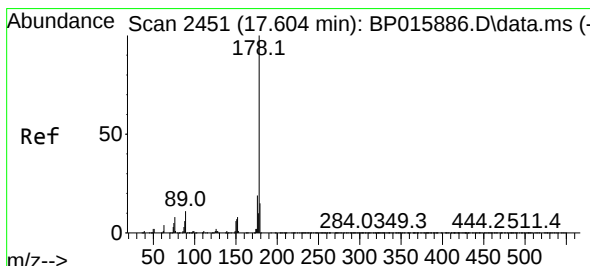
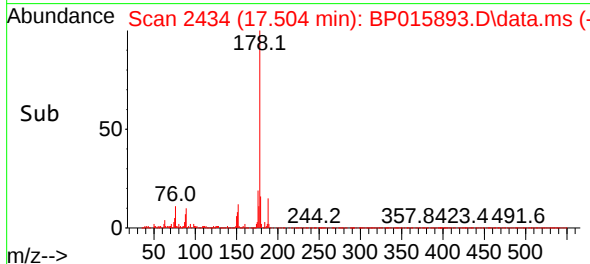
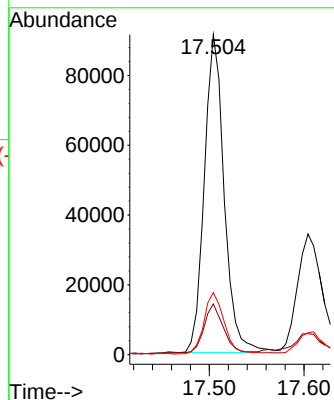
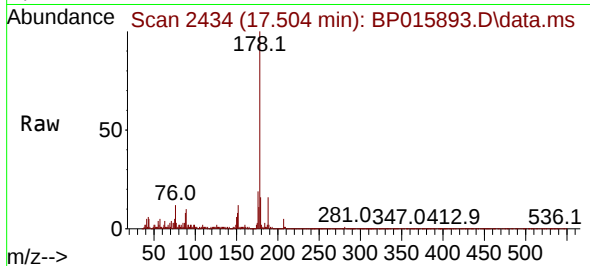




#72
Phenanthrene
Concen: 2.130 ng/ul
RT: 17.504 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP015893.D
Acq: 01 Jul 2023 20:29

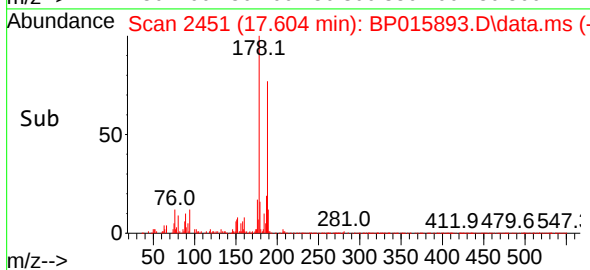
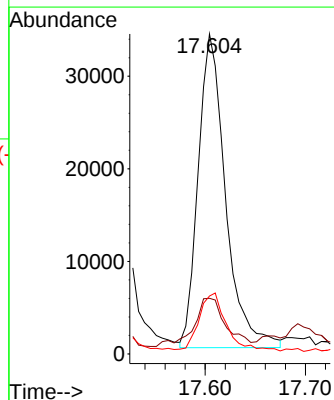
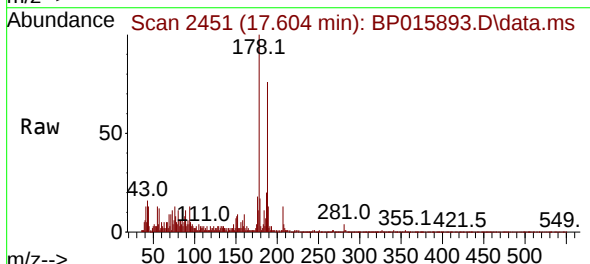
Instrument :
BNA_P
ClientSampleId :
DCGC0

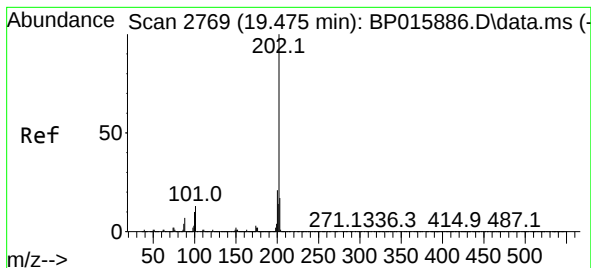
Tgt Ion:178 Resp: 132915
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.4 15.6 23.4



#74
Anthracene
Concen: 1.027 ng/ul
RT: 17.604 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BP015893.D
Acq: 01 Jul 2023 20:29

Tgt Ion:178 Resp: 64418
Ion Ratio Lower Upper
178 100
179 17.4 12.1 18.1
176 18.1 14.6 22.0





#80

Fluoranthene

Concen: 7.894 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015893.D

Acq: 01 Jul 2023 20:29

Instrument :

BNA_P

ClientSampleId :

DCGC0

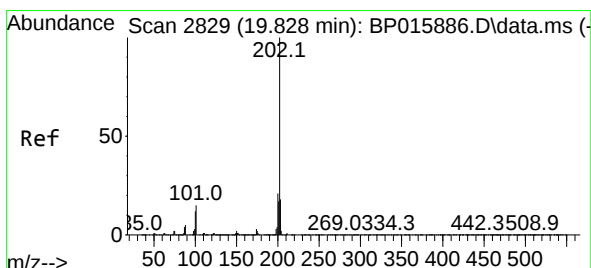
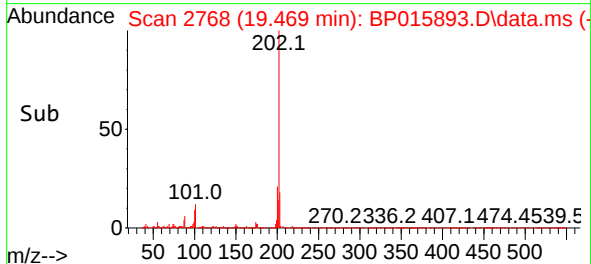
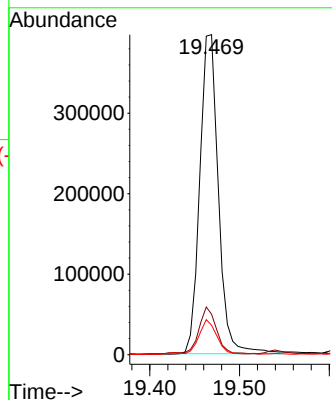
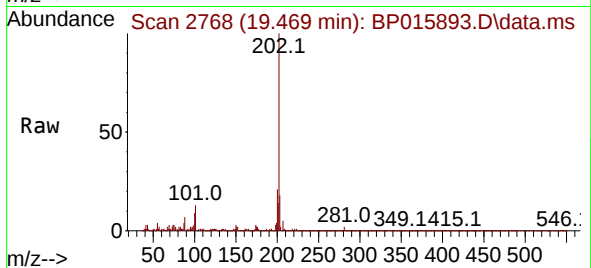
Tgt Ion:202 Resp: 571070

Ion Ratio Lower Upper

202 100

101 12.6 8.3 12.5#

100 9.2 6.6 9.8



#82

Pyrene

Concen: 6.616 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015893.D

Acq: 01 Jul 2023 20:29

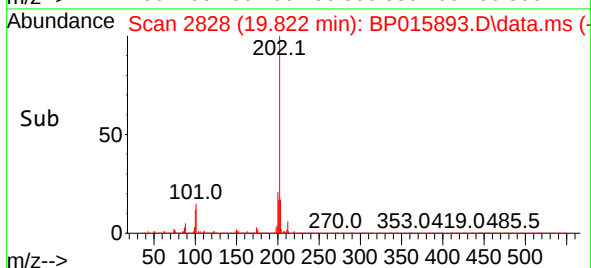
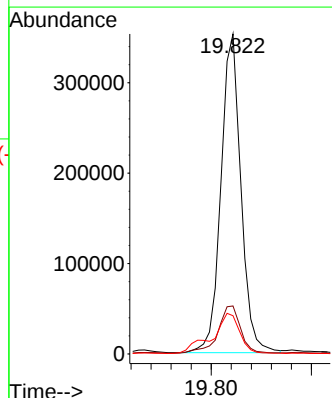
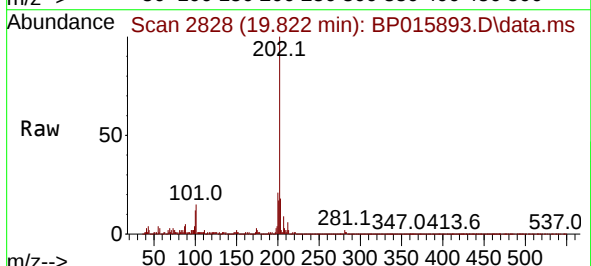
Tgt Ion:202 Resp: 488197

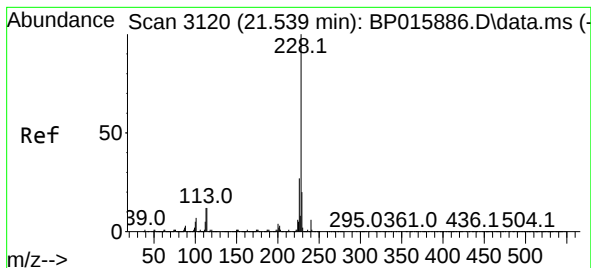
Ion Ratio Lower Upper

202 100

101 15.0 9.3 13.9#

100 11.9 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 6.786 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP015893.D

Acq: 01 Jul 2023 20:29

Instrument :

BNA_P

ClientSampleId :

DCGC0

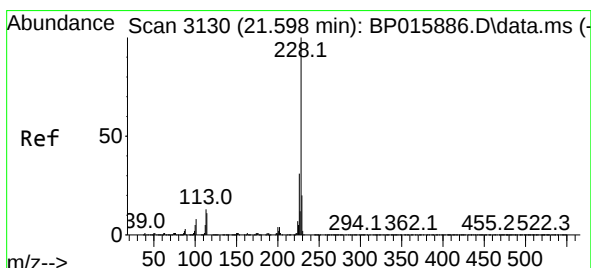
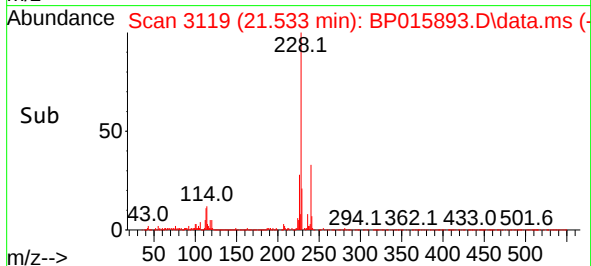
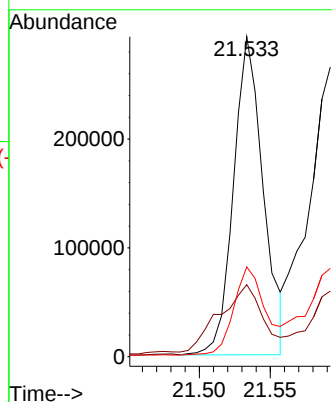
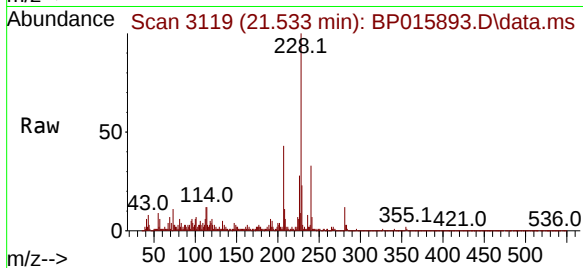
Tgt Ion:228 Resp: 425501

Ion Ratio Lower Upper

228 100

229 22.5 15.3 22.9

226 28.0 21.4 32.0



#87

Chrysene

Concen: 7.668 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015893.D

Acq: 01 Jul 2023 20:29

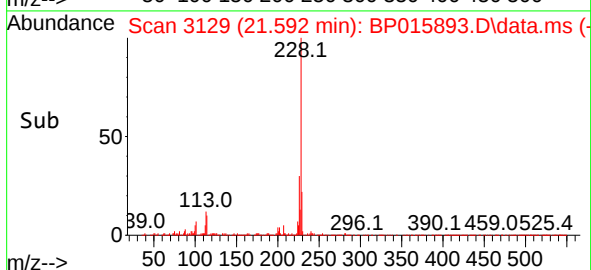
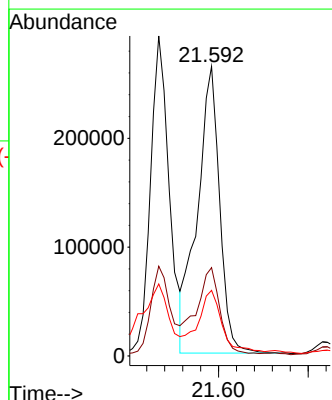
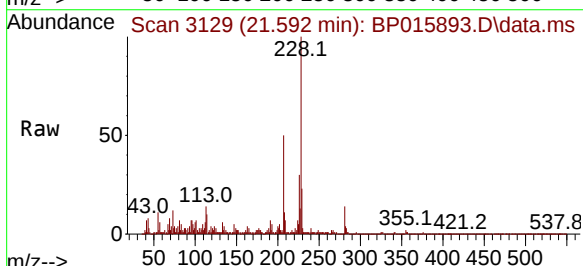
Tgt Ion:228 Resp: 456207

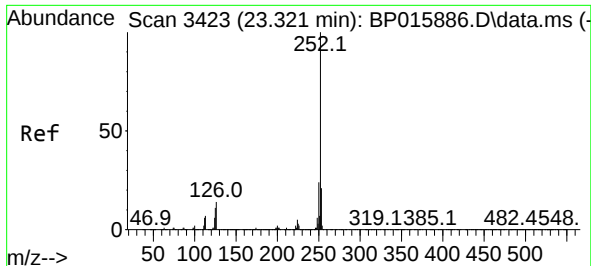
Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 22.7 15.5 23.3

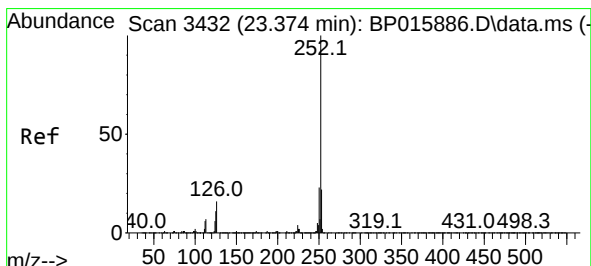
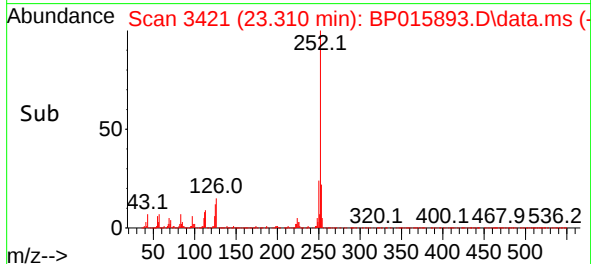
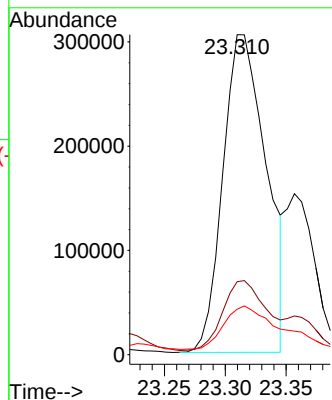
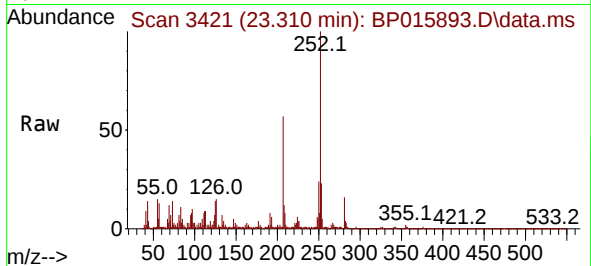




#90
Benzo(b)fluoranthene
Concen: 10.952 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.012 min
Lab File: BP015893.D
Acq: 01 Jul 2023 20:29

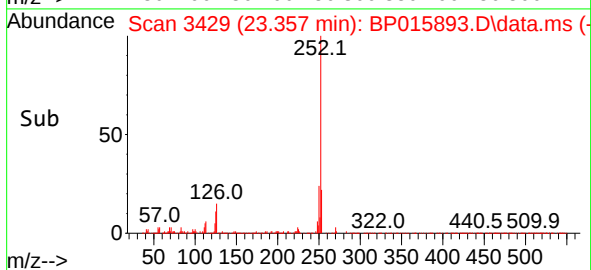
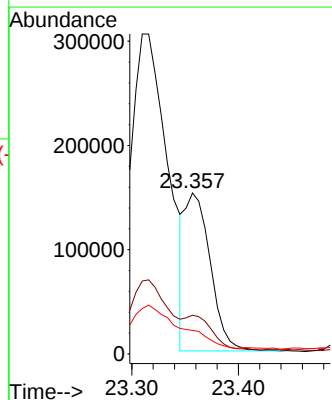
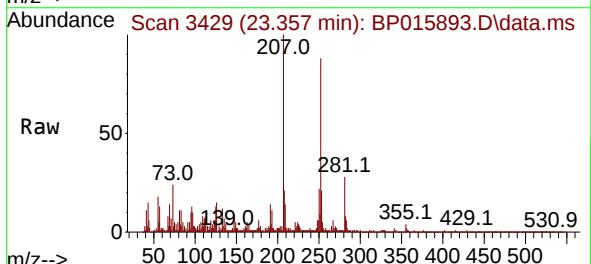
Instrument :
BNA_P
ClientSampleId :
DCGC0

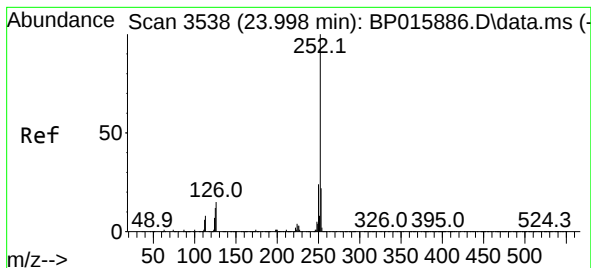
Tgt Ion:252 Resp: 753634
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 14.2 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 3.619 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. -0.018 min
Lab File: BP015893.D
Acq: 01 Jul 2023 20:29

Tgt Ion:252 Resp: 251635
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 14.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 7.002 ng/ul

RT: 23.980 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP015893.D

Acq: 01 Jul 2023 20:29

Instrument :

BNA_P

ClientSampleId :

DCGC0

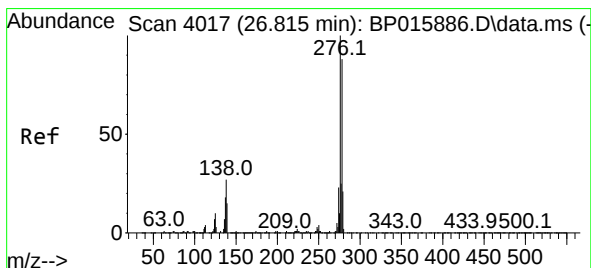
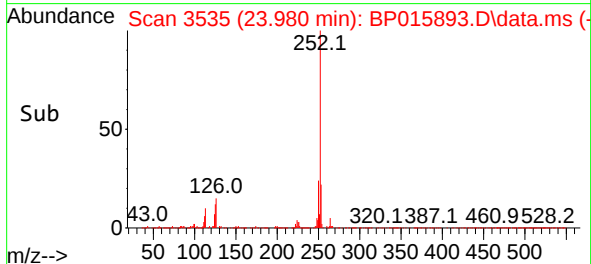
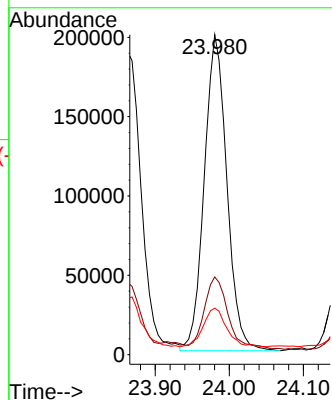
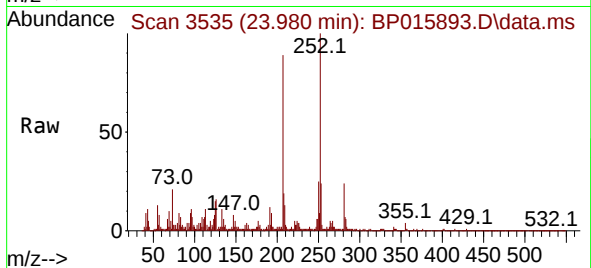
Tgt Ion:252 Resp: 420988

Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

125 14.6 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.481 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.023 min

Lab File: BP015893.D

Acq: 01 Jul 2023 20:29

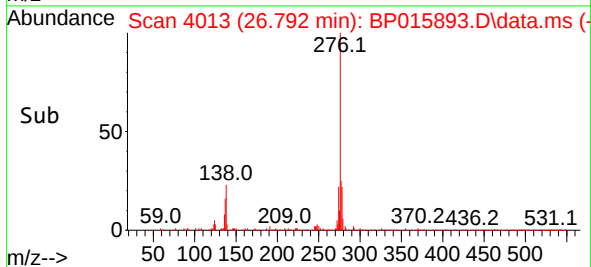
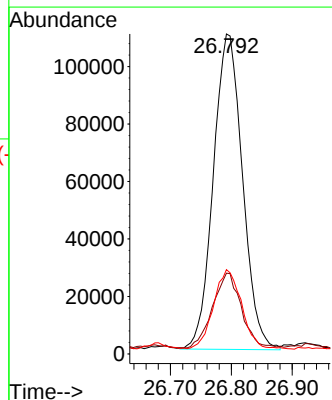
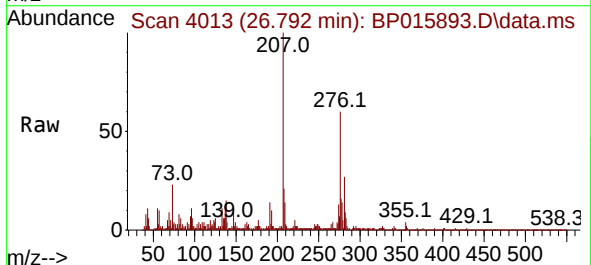
Tgt Ion:276 Resp: 365787

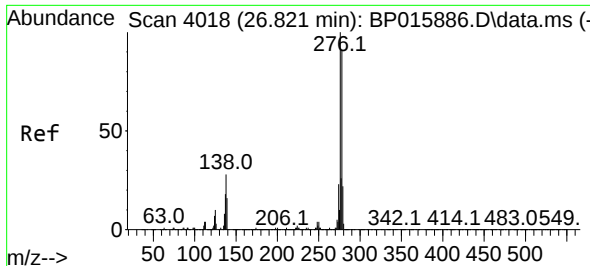
Ion Ratio Lower Upper

276 100

138 25.3 15.7 23.5#

277 26.4 19.6 29.4

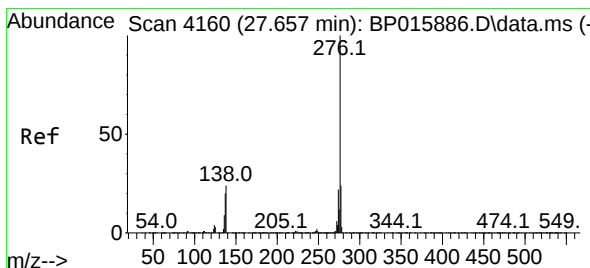
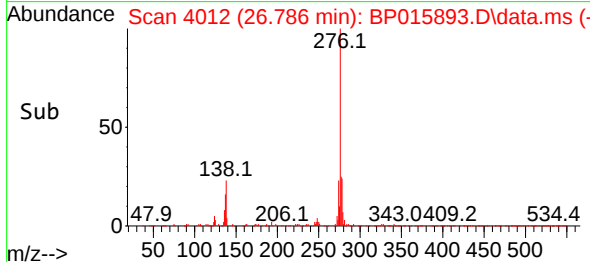
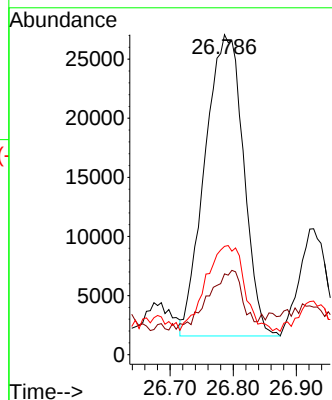
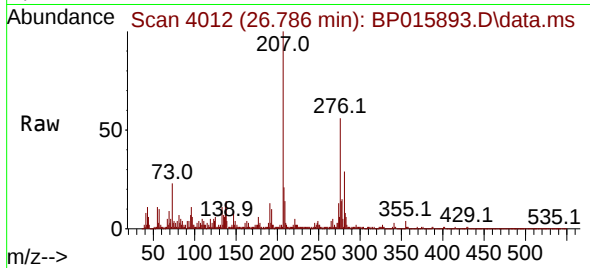




#95
 Dibenzo(a,h)anthracene
 Concen: 1.612 ng/ul
 RT: 26.786 min Scan# 4018
 Delta R.T. -0.035 min
 Lab File: BP015893.D
 Acq: 01 Jul 2023 20:29

Instrument :
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 DCGC0

Tgt Ion:278 Resp: 108104
 Ion Ratio Lower Upper
 278 100
 139 25.2 10.5 15.7#
 279 33.9 18.4 27.6#



#96
 Benzo(g,h,i)perylene
 Concen: 5.271 ng/ul
 RT: 27.633 min Scan# 4156
 Delta R.T. -0.023 min
 Lab File: BP015893.D
 Acq: 01 Jul 2023 20:29

Tgt Ion:276 Resp: 353943
 Ion Ratio Lower Upper
 276 100
 138 25.5 15.1 22.7#
 277 23.3 18.8 28.2

