

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015918.D
 Acq On : 02 Jul 2023 11:11
 Operator : MA/JU
 Sample : 03243-07
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGC7

Quant Time: Jul 02 13:23:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

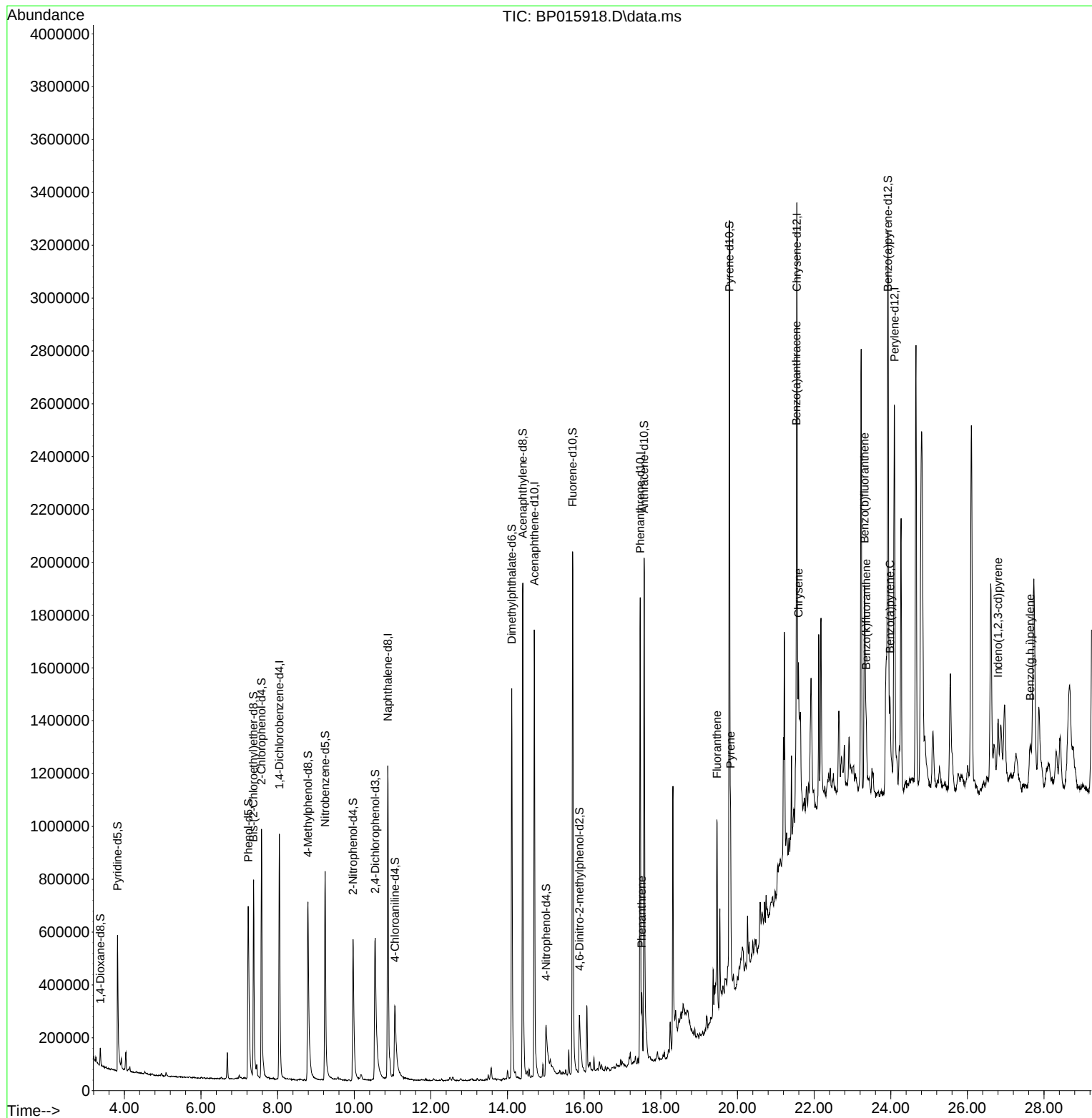
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	279251	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1109224	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	579382	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1093508	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1020271	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	1202986	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	32967	4.247	ng/uL	0.00
4) Pyridine-d5	3.822	84	300680	15.368	ng/ul	0.00
7) Phenol-d5	7.234	99	574916	24.062	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	405804	27.452	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	469783	26.047	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	410295	21.737	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	224539	26.488	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	241959	24.456	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.546	165	380513	21.582	ng/ul	0.04
31) 4-Chloroaniline-d4	11.063	131	314908	13.904	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1167572	26.072	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1337087	26.561	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	114479	19.372	ng/ul	0.05
60) Fluorene-d10	15.698	176	929829	25.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	78876	11.729	ng/ul	0.02
73) Anthracene-d10	17.563	188	1292396	25.874	ng/ul	0.00
81) Pyrene-d10	19.786	212	1601250	24.035	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1643960	27.090	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	133587	2.249	ng/ul	100
80) Fluoranthene	19.469	202	432479	5.223	ng/ul#	95
82) Pyrene	19.822	202	366368	4.338	ng/ul#	92
85) Benzo(a)anthracene	21.539	228	238711	3.326	ng/ul	95
87) Chrysene	21.592	228	265455	3.898	ng/ul	99
90) Benzo(b)fluoranthene	23.316	252	460566	5.958	ng/ul#	94
91) Benzo(k)fluoranthene	23.357	252	162464	2.080	ng/ul#	92
93) Benzo(a)pyrene	23.980	252	266954	3.952	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	284782	3.106	ng/ul	97
96) Benzo(g,h,i)perylene	27.639	276	250639	3.323	ng/ul#	93

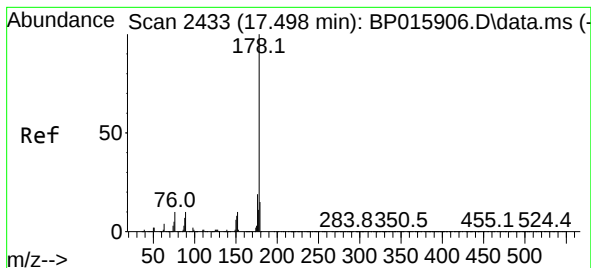
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 2.249 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

Instrument :

BNA_P

ClientSampleId :

DCGC7

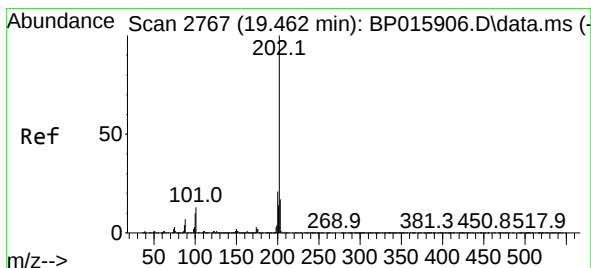
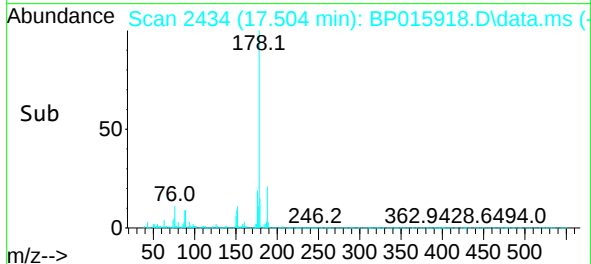
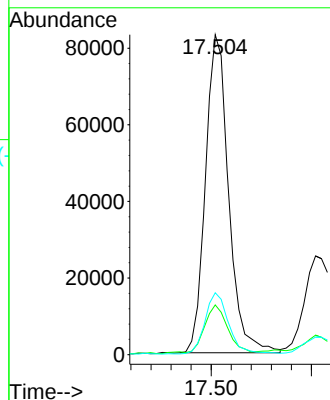
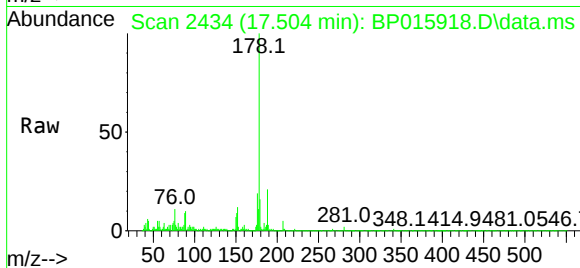
Tgt Ion:178 Resp: 133587

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.3 15.6 23.4



#80

Fluoranthene

Concen: 5.223 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. 0.006 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

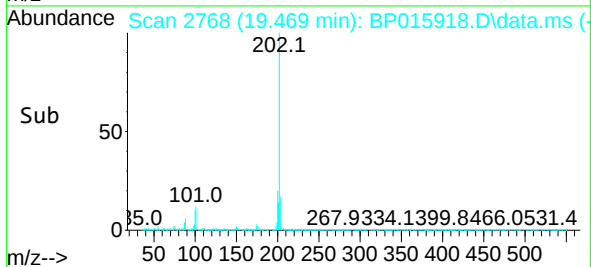
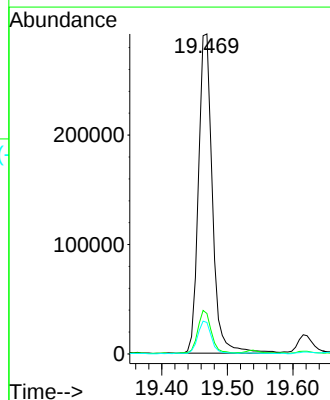
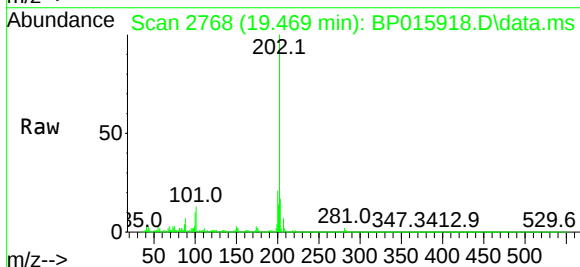
Tgt Ion:202 Resp: 432479

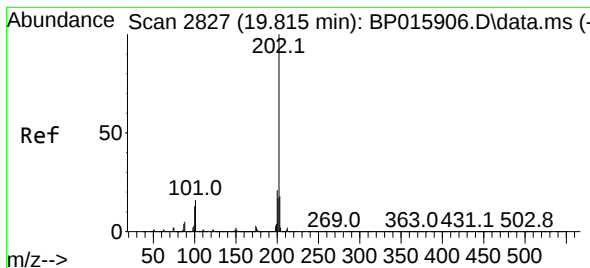
Ion Ratio Lower Upper

202 100

101 12.6 8.3 12.5#

100 9.9 6.6 9.8#





#82

Pyrene

Concen: 4.338 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

Instrument :

BNA_P

ClientSampleId :

DCGC7

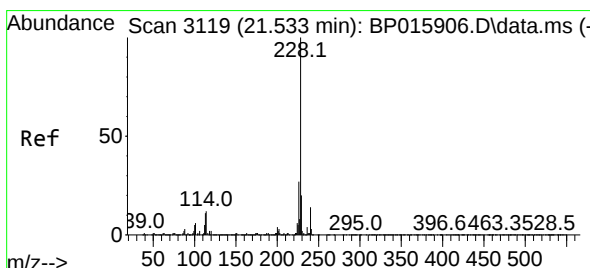
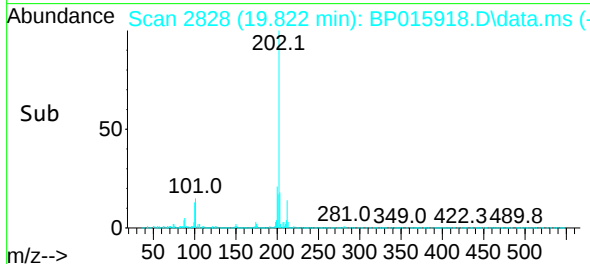
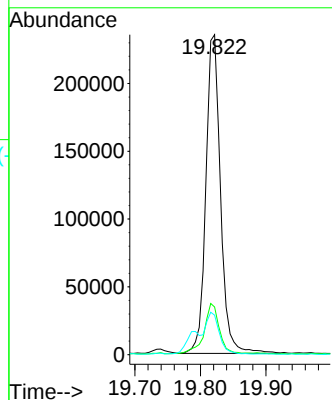
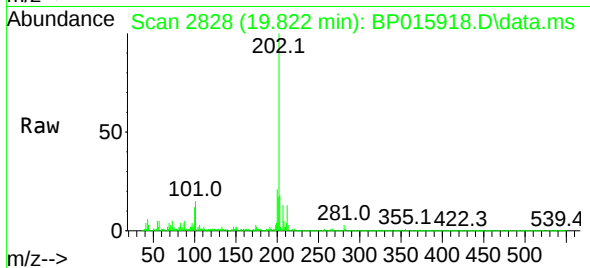
Tgt Ion:202 Resp: 366368

Ion Ratio Lower Upper

202 100

101 14.9 9.3 13.9#

100 12.3 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 3.326 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.006 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

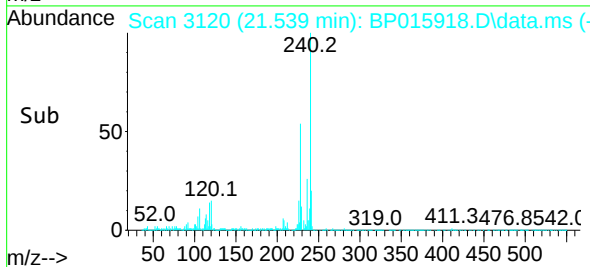
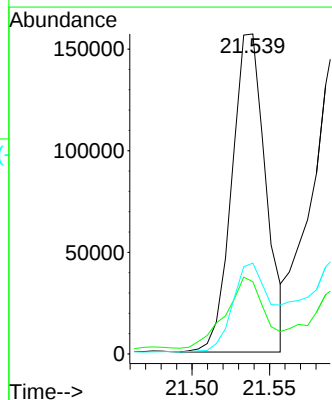
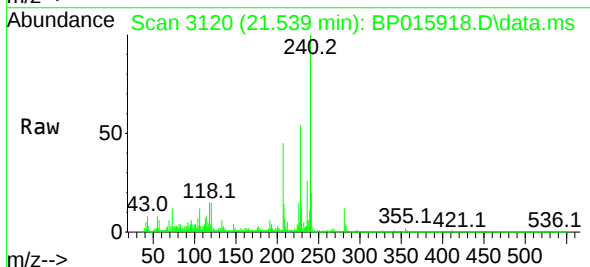
Tgt Ion:228 Resp: 238711

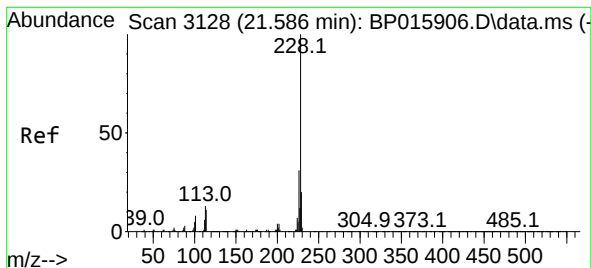
Ion Ratio Lower Upper

228 100

229 22.6 15.3 22.9

226 28.4 21.4 32.0





#87

Chrysene

Concen: 3.898 ng/ul

RT: 21.592 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

Instrument :

BNA_P

ClientSampleId :

DCGC7

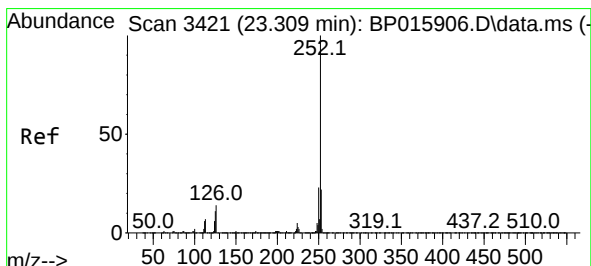
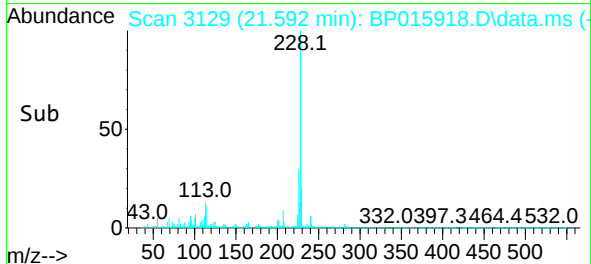
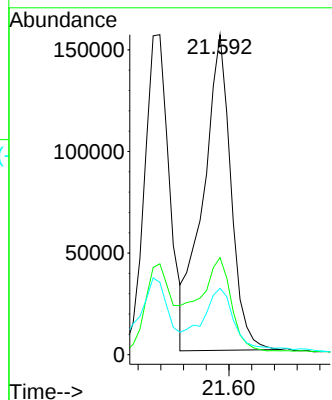
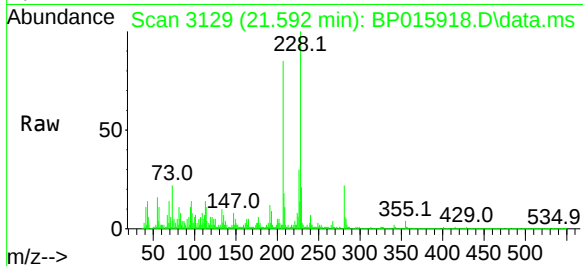
Tgt Ion:228 Resp: 265455

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 20.8 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 5.958 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. 0.006 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

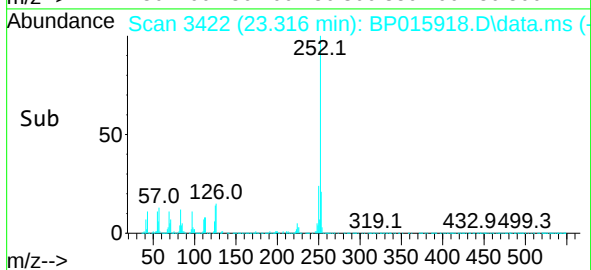
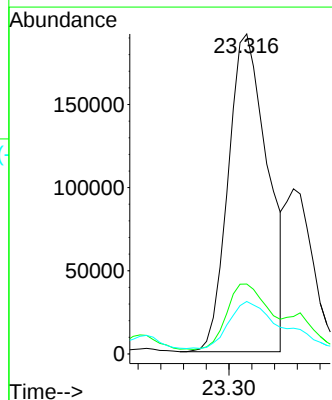
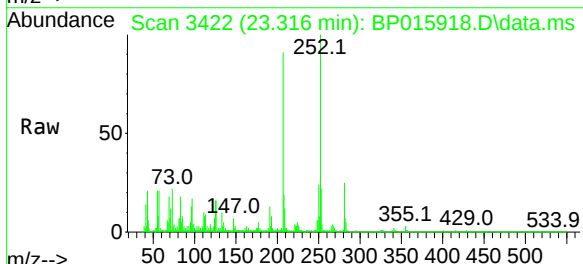
Tgt Ion:252 Resp: 460566

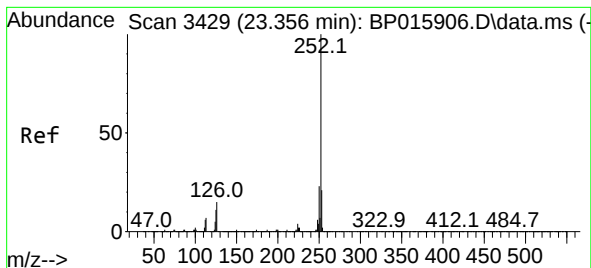
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 16.4 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 2.080 ng/u1

RT: 23.357 min Scan# 3429

Delta R.T. 0.000 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

Instrument :

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ClientSampleId :

DCGC7

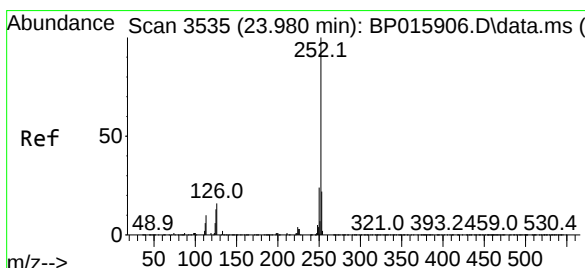
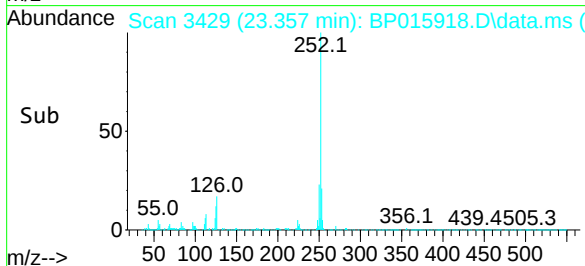
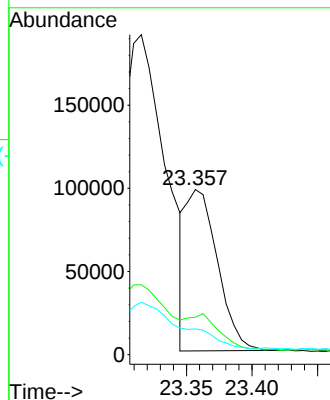
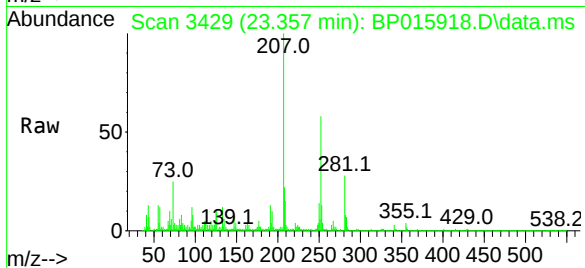
Tgt Ion:252 Resp: 162464

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 15.6 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 3.952 ng/u1

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

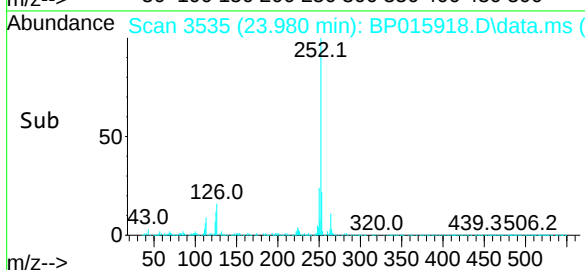
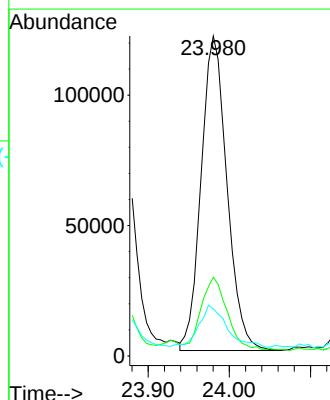
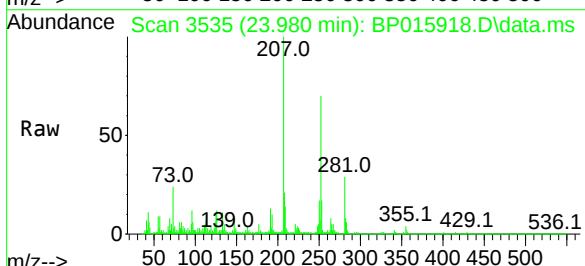
Tgt Ion:252 Resp: 266954

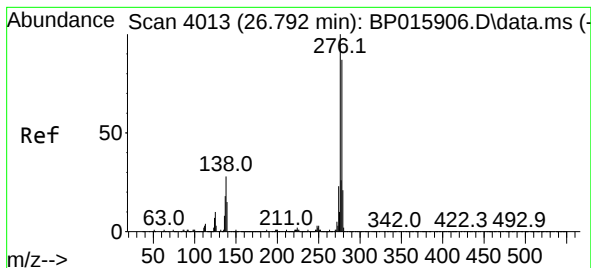
Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 14.7 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.106 ng/ul

RT: 26.798 min Scan# 4013

Delta R.T. 0.006 min

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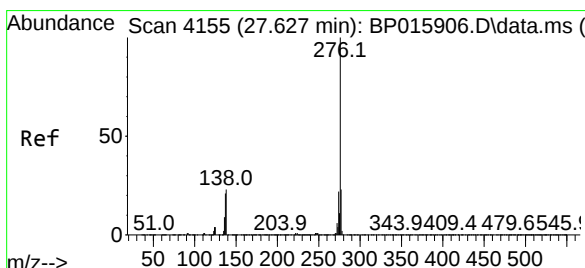
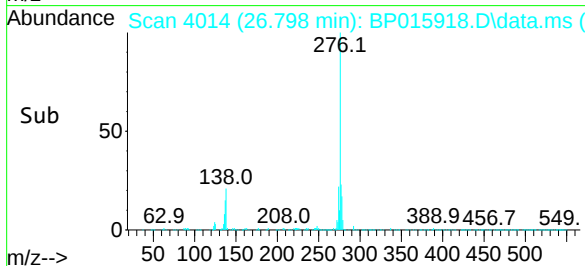
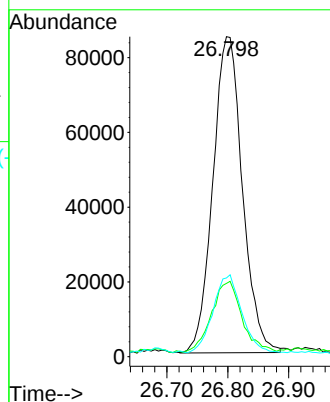
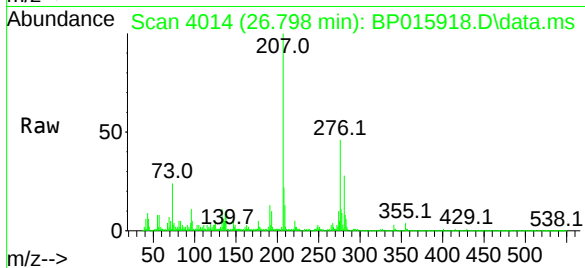
Tgt Ion:276 Resp: 284782

Ion Ratio Lower Upper

276 100

138 22.9 15.7 23.5

277 24.6 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 3.323 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.012 min

Lab File: BP015918.D

Acq: 02 Jul 2023 11:11

Tgt Ion:276 Resp: 250639

Ion Ratio Lower Upper

276 100

138 23.5 15.1 22.7#

277 25.5 18.8 28.2

