

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015891.D
 Acq On : 01 Jul 2023 19:21
 Operator : MA/JU
 Sample : 03242-13
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB4

Quant Time: Jul 02 02:43:47 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)

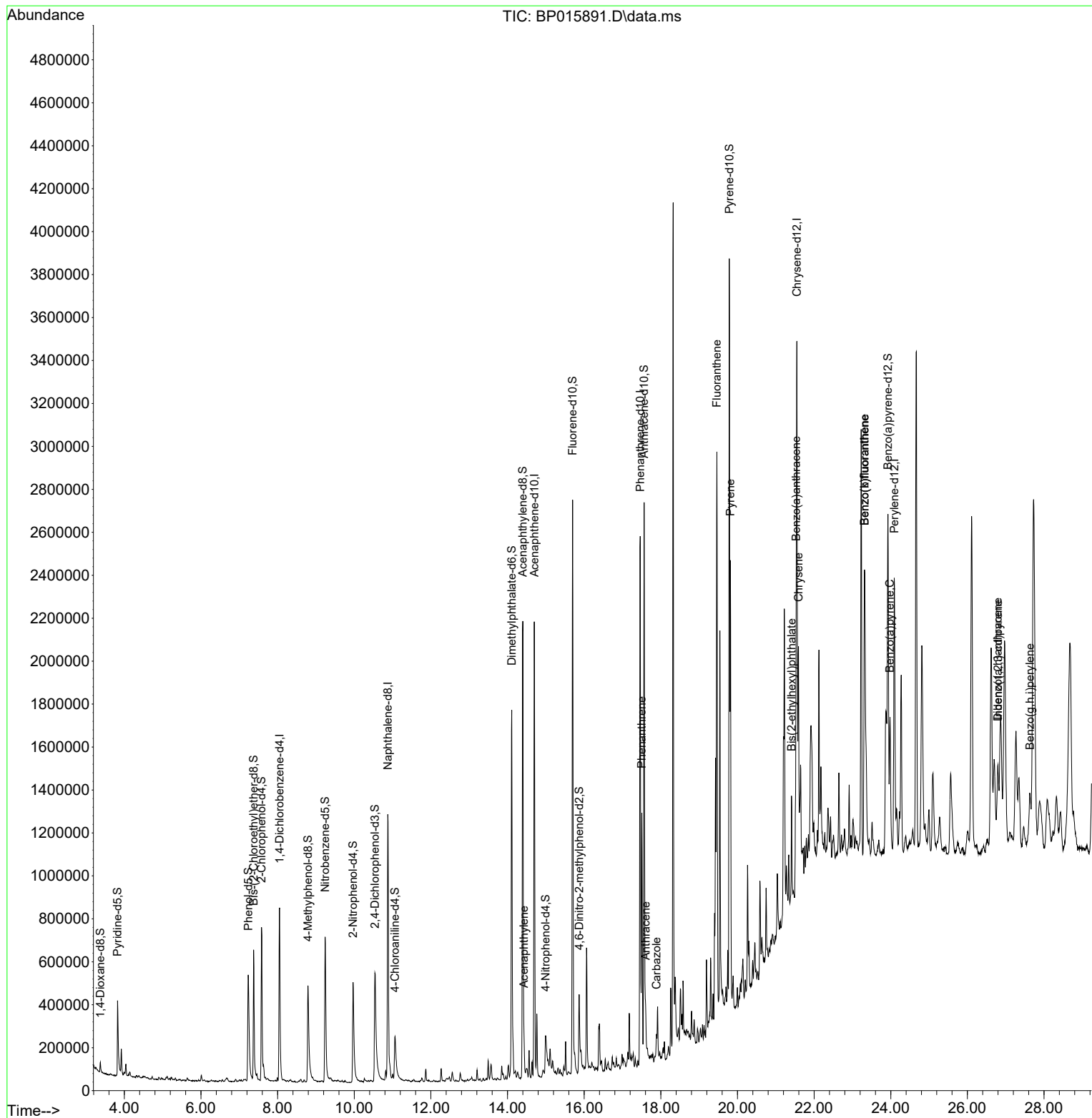
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	254095	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1147409	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	707443	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1480783	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	983315	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1042130	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	23954	3.392	ng/uL	0.00
4) Pyridine-d5	3.822	84	205464	11.541	ng/ul	0.00
7) Phenol-d5	7.234	99	452732	20.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	322826	24.001	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	369115	22.491	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	276293	16.087	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	189947	21.661	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	208048	20.328	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	327054	17.933	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	213630	9.119	ng/ul	0.02
46) Dimethylphthalate-d6	14.110	166	1256698	22.983	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1423028	23.151	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	76760	10.638	ng/ul	0.02
60) Fluorene-d10	15.698	176	1070471	23.776	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	105061	11.537	ng/ul	0.00
73) Anthracene-d10	17.563	188	1521797	22.499	ng/ul	0.00
81) Pyrene-d10	19.786	212	1662103	25.886	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1241085	23.608	ng/ul	-0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.428	152	98658	1.457	ng/ul	99
72) Phenanthrene	17.504	178	646538	8.037	ng/ul	100
74) Anthracene	17.604	178	131139	1.622	ng/ul	96
77) Carbazole	17.886	167	69830	1.025	ng/ul	96
80) Fluoranthene	19.463	202	1396456	17.500	ng/ul#	92
82) Pyrene	19.816	202	1129903	13.881	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	559415	8.087	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	155985	3.418	ng/ul	99
87) Chrysene	21.592	228	589351	8.980	ng/ul	97
90) Benzo(b)fluoranthene	23.315	252	818056	12.217	ng/ul#	94
91) Benzo(k)fluoranthene	23.315	252	818056	12.091	ng/ul#	93
93) Benzo(a)pyrene	23.980	252	520785	8.901	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.798	276	429406	5.406	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.792	278	113459	1.739	ng/ul#	77
96) Benzo(g,h,i)perylene	27.633	276	384601	5.886	ng/ul#	91

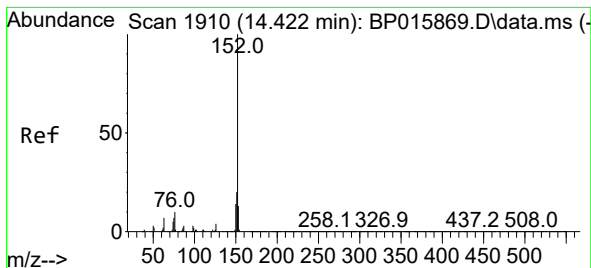
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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Quant Time: Jul 02 02:43:47 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 02:29:46 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.457 ng/ul

RT: 14.428 min Scan# 1910

Delta R.T. -0.000 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

Instrument :

BNA_P

ClientSampleId :

DCGB4

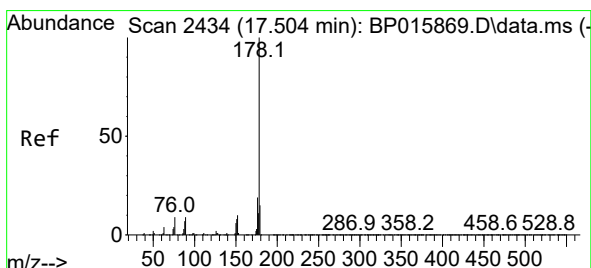
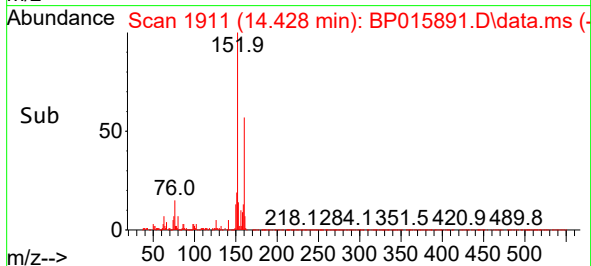
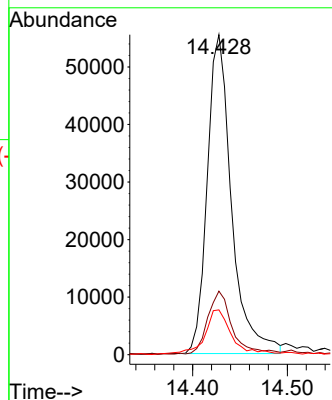
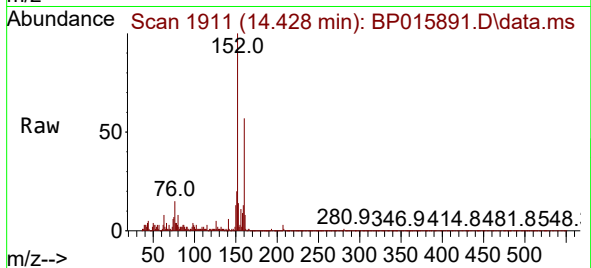
Tgt Ion:152 Resp: 98658

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 14.0 10.5 15.7



#72

Phenanthrene

Concen: 8.037 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

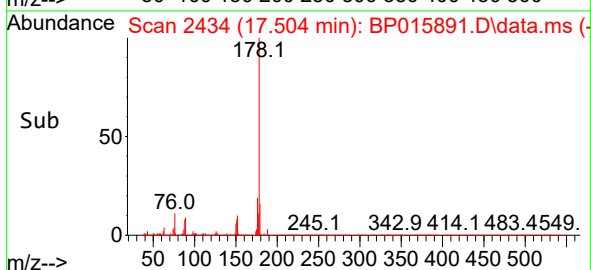
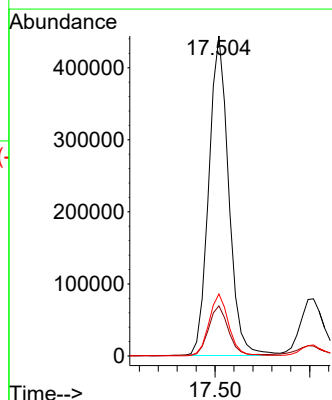
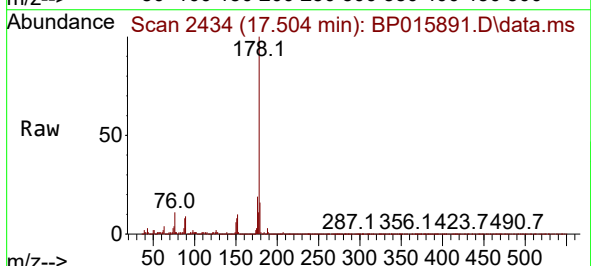
Tgt Ion:178 Resp: 646538

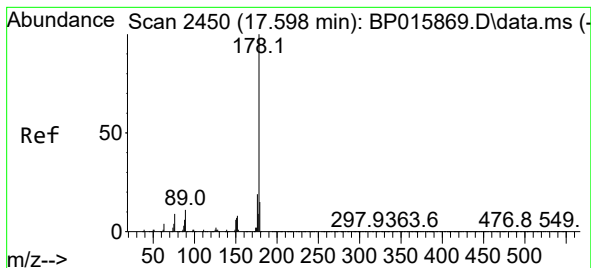
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.4 15.6 23.4





#74

Anthracene

Concen: 1.622 ng/ul

RT: 17.604 min Scan# 2450

Delta R.T. -0.000 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

Instrument :

BNA_P

ClientSampleId :

DCGB4

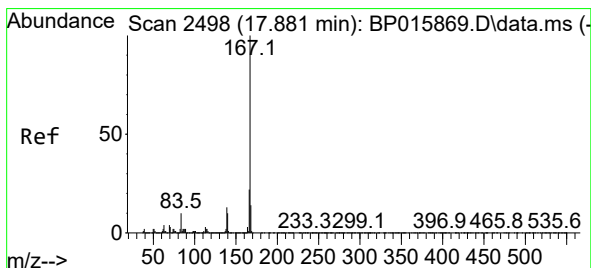
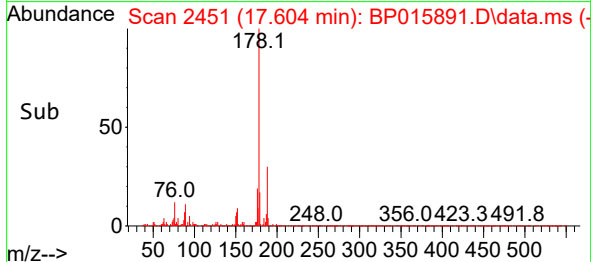
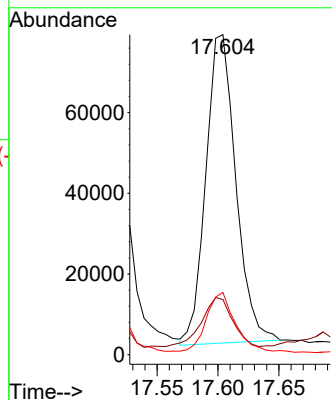
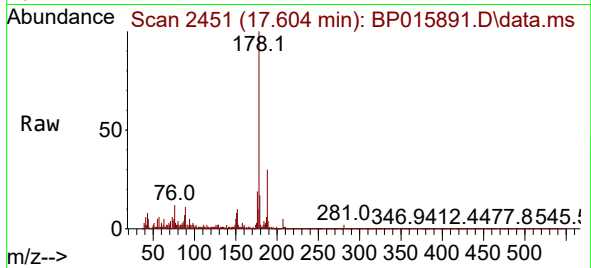
Tgt Ion:178 Resp: 131139

Ion Ratio Lower Upper

178 100

179 17.2 12.1 18.1

176 19.5 14.6 22.0



#77

Carbazole

Concen: 1.025 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. -0.000 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

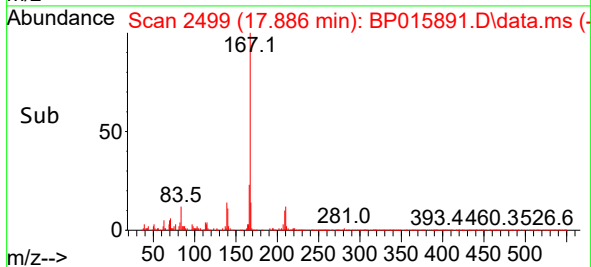
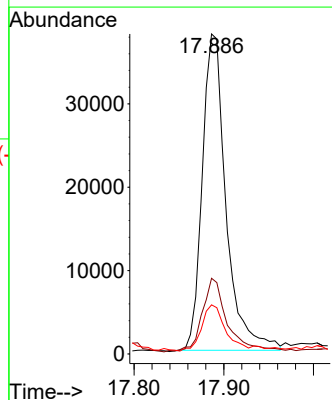
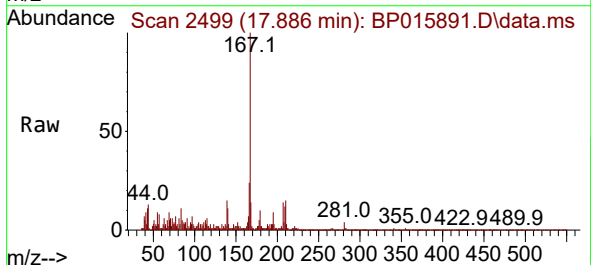
Tgt Ion:167 Resp: 69830

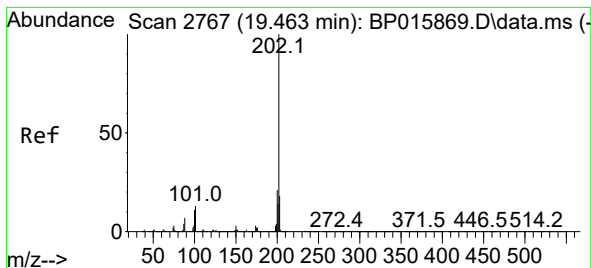
Ion Ratio Lower Upper

167 100

166 23.6 17.4 26.0

139 15.4 11.0 16.4





#80

Fluoranthene

Concen: 17.500 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

Instrument :

BNA_P

ClientSampleId :

DCGB4

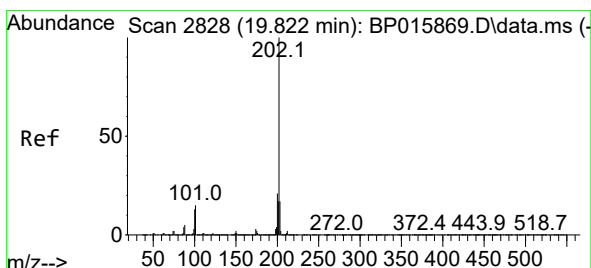
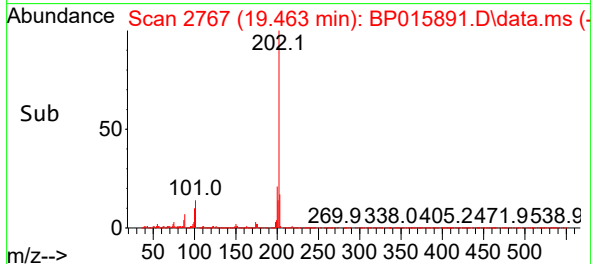
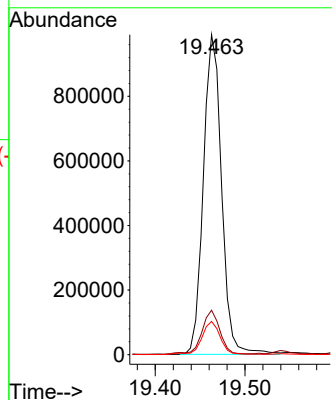
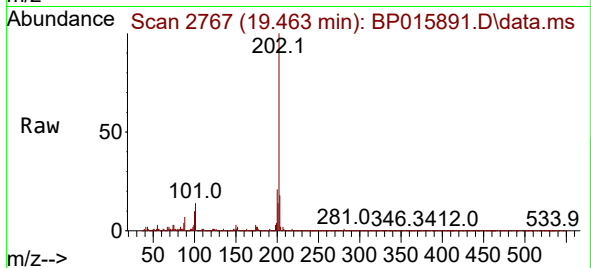
Tgt Ion:202 Resp: 1396456

Ion Ratio Lower Upper

202 100

101 13.9 8.3 12.5#

100 10.4 6.6 9.8#



#82

Pyrene

Concen: 13.881 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. -0.012 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

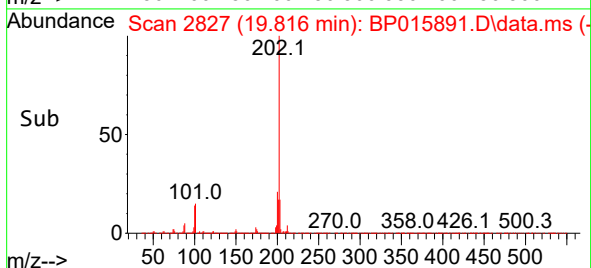
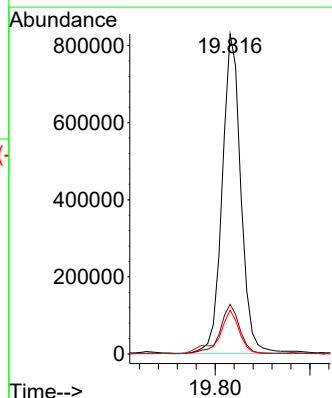
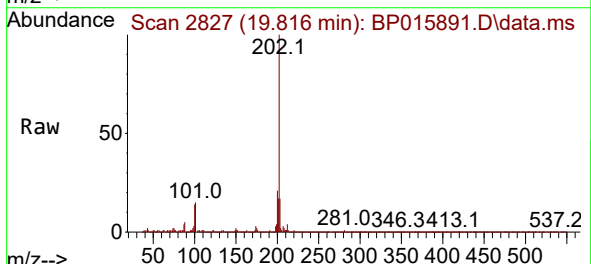
Tgt Ion:202 Resp: 1129903

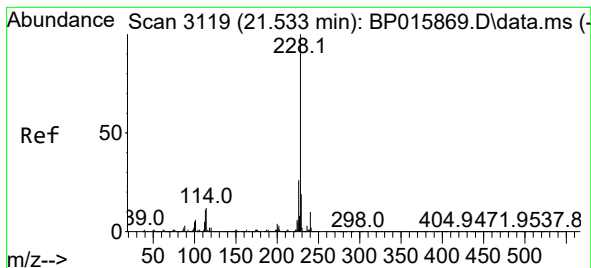
Ion Ratio Lower Upper

202 100

101 15.5 9.3 13.9#

100 13.6 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 8.087 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

Instrument :

BNA_P

ClientSampleId :

DCGB4

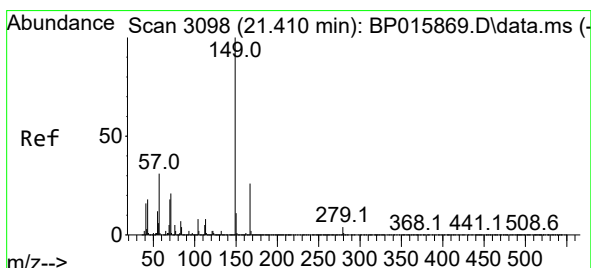
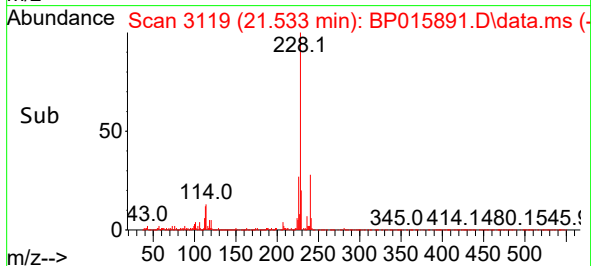
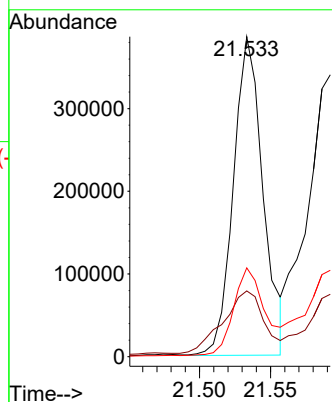
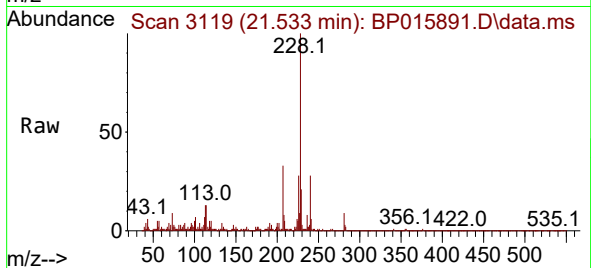
Tgt Ion:228 Resp: 559415

Ion Ratio Lower Upper

228 100

229 20.5 15.3 22.9

226 27.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.418 ng/ul

RT: 21.410 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

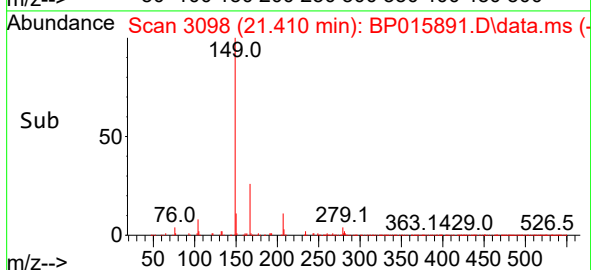
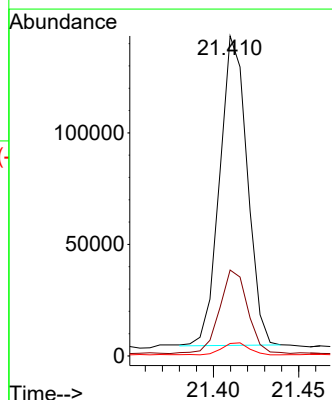
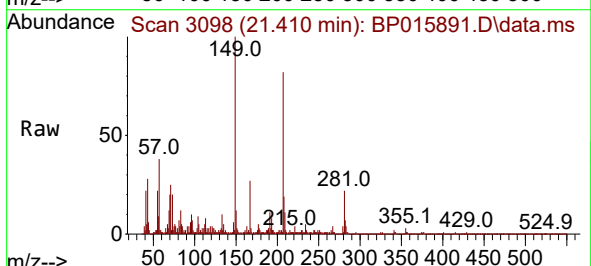
Tgt Ion:149 Resp: 155985

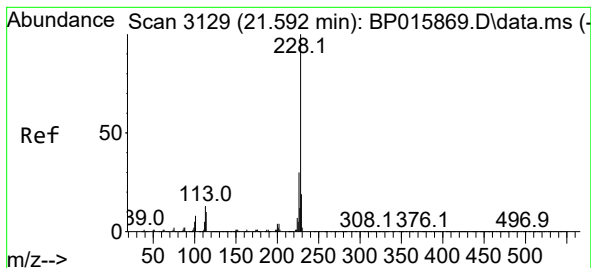
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

279 3.9 3.8 5.6





#87

Chrysene

Concen: 8.980 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

Instrument :

BNA_P

ClientSampleId :

DCGB4

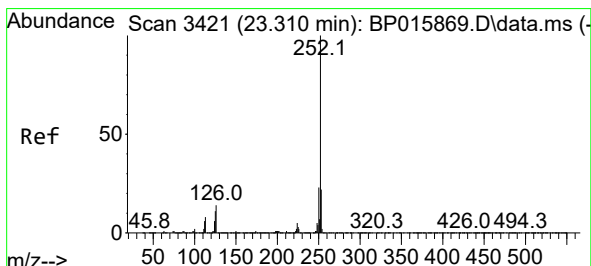
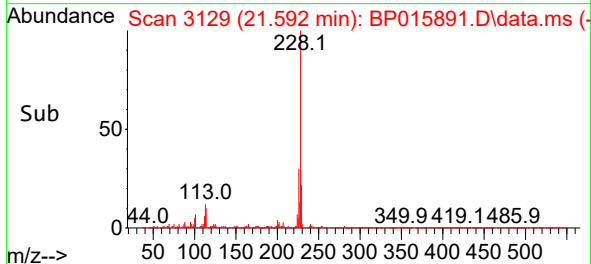
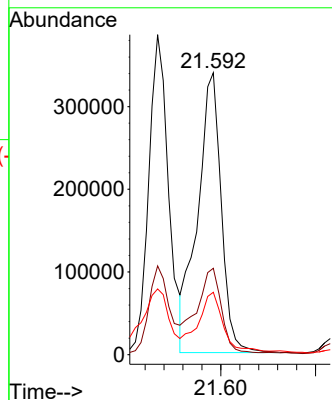
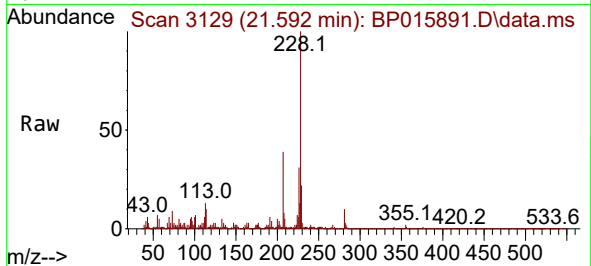
Tgt Ion:228 Resp: 589351

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 22.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 12.217 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.006 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

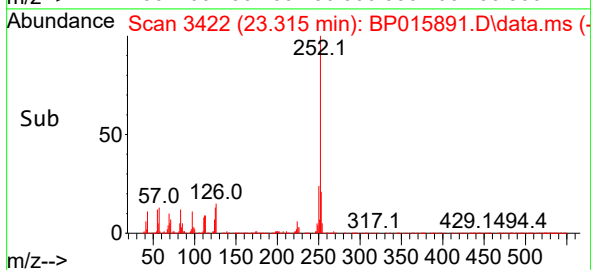
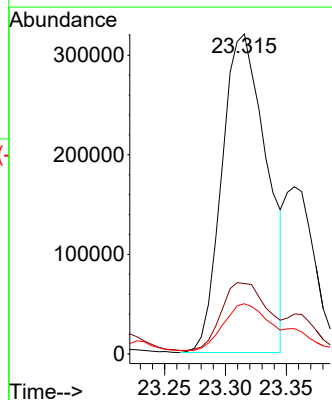
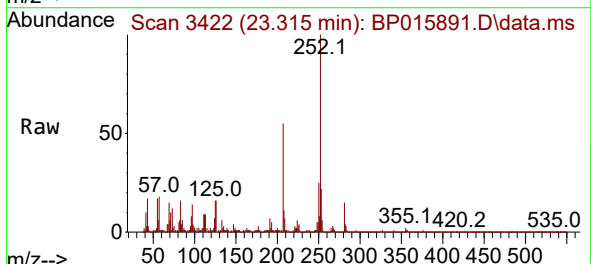
Tgt Ion:252 Resp: 818056

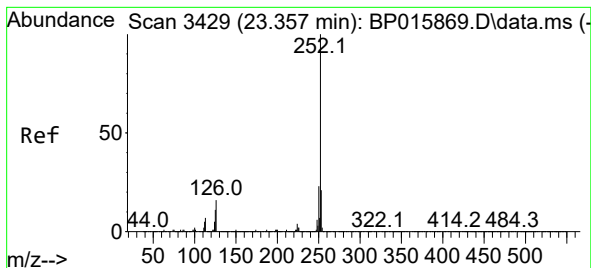
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 15.7 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 12.091 ng/ul

RT: 23.315 min Scan# 3429

Delta R.T. -0.059 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

Instrument :

BNA_P

ClientSampleId :

DCGB4

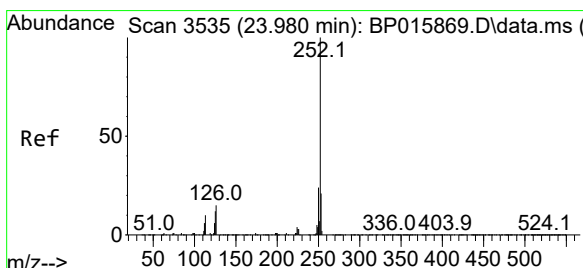
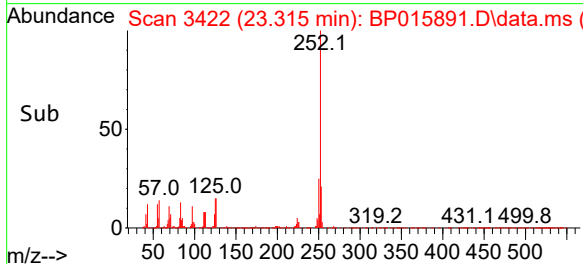
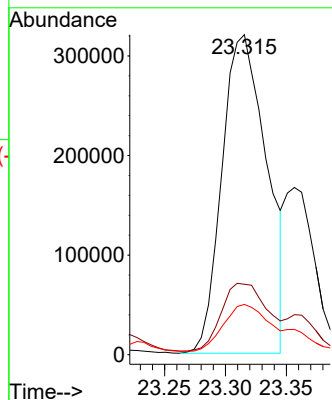
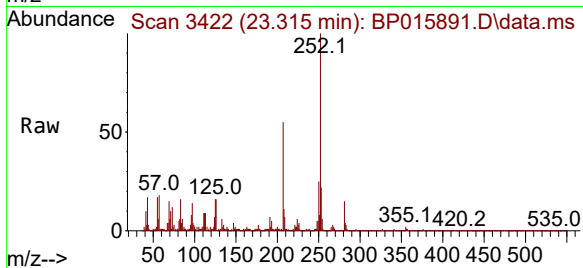
Tgt Ion:252 Resp: 818056

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 15.7 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 8.901 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.018 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

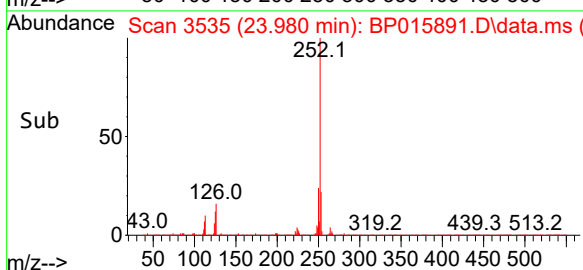
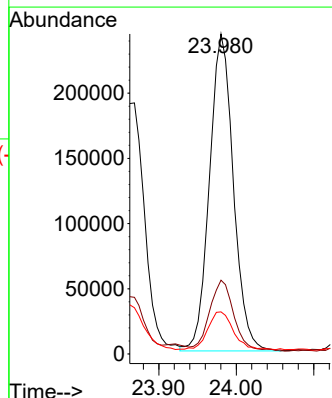
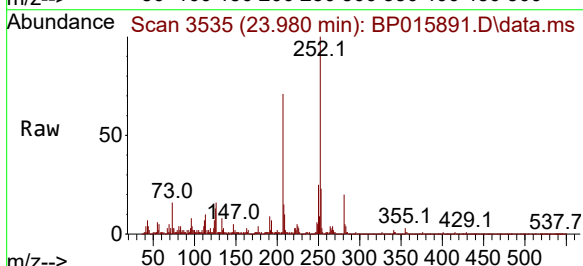
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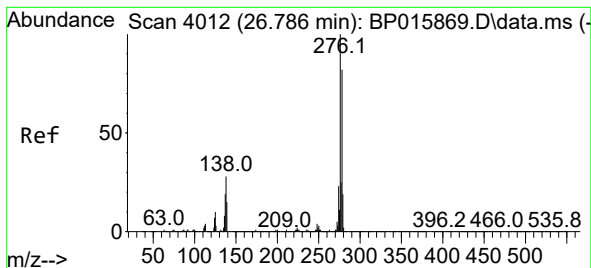
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 13.1 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.406 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.018 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

Instrument :

BNA_P

ClientSampleId :

DCGB4

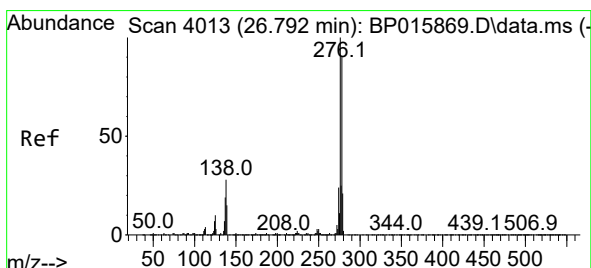
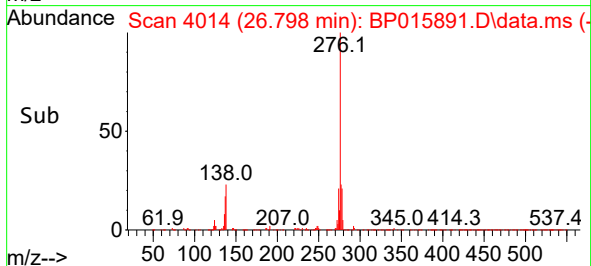
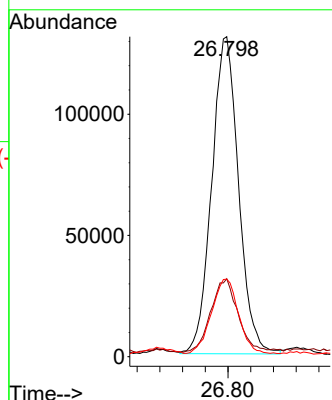
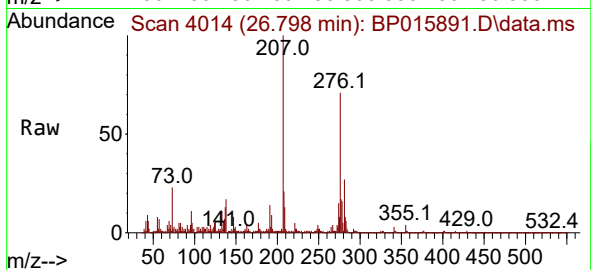
Tgt Ion:276 Resp: 429406

Ion Ratio Lower Upper

276 100

138 24.4 15.7 23.5#

277 24.3 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.739 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.030 min

Lab File: BP015891.D

Acq: 01 Jul 2023 19:21

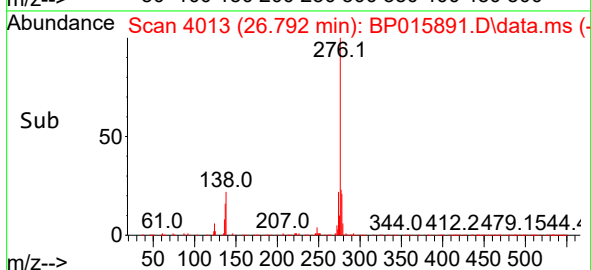
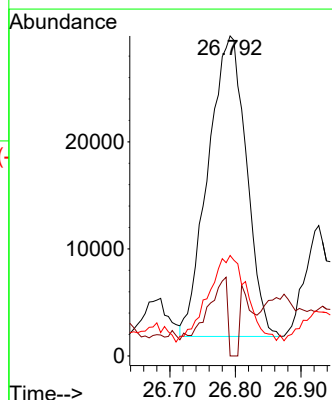
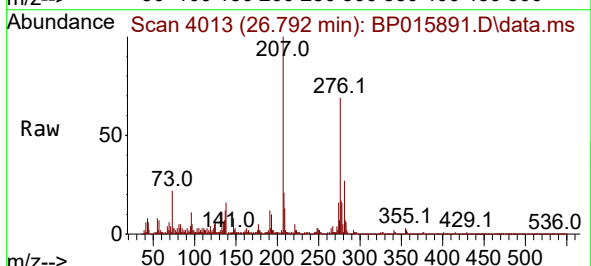
Tgt Ion:278 Resp: 113459

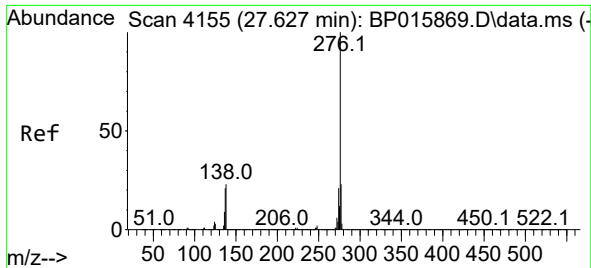
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

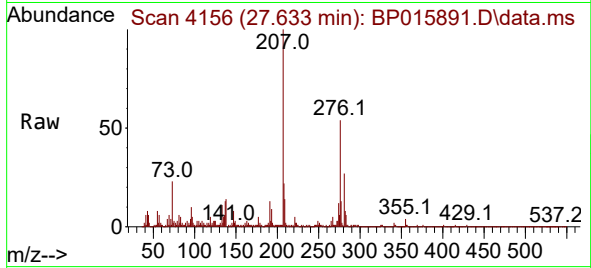
279 31.4 18.4 27.6#





#96
Benzo(g,h,i)perylene
Concen: 5.886 ng/ul
RT: 27.633 min Scan# 4156
Delta R.T. -0.024 min
Lab File: BP015891.D
Acq: 01 Jul 2023 19:21

Instrument :
BNA_P
ClientSampleId :
DCGB4



Tgt Ion:276 Resp: 384601
Ion Ratio Lower Upper
276 100
138 26.2 15.1 22.7#
277 24.7 18.8 28.2

