

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015623.D
 Acq On : 20 Jun 2023 15:55
 Operator : MA/JU
 Sample : 03080-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH4

Quant Time: Jun 20 22:27:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

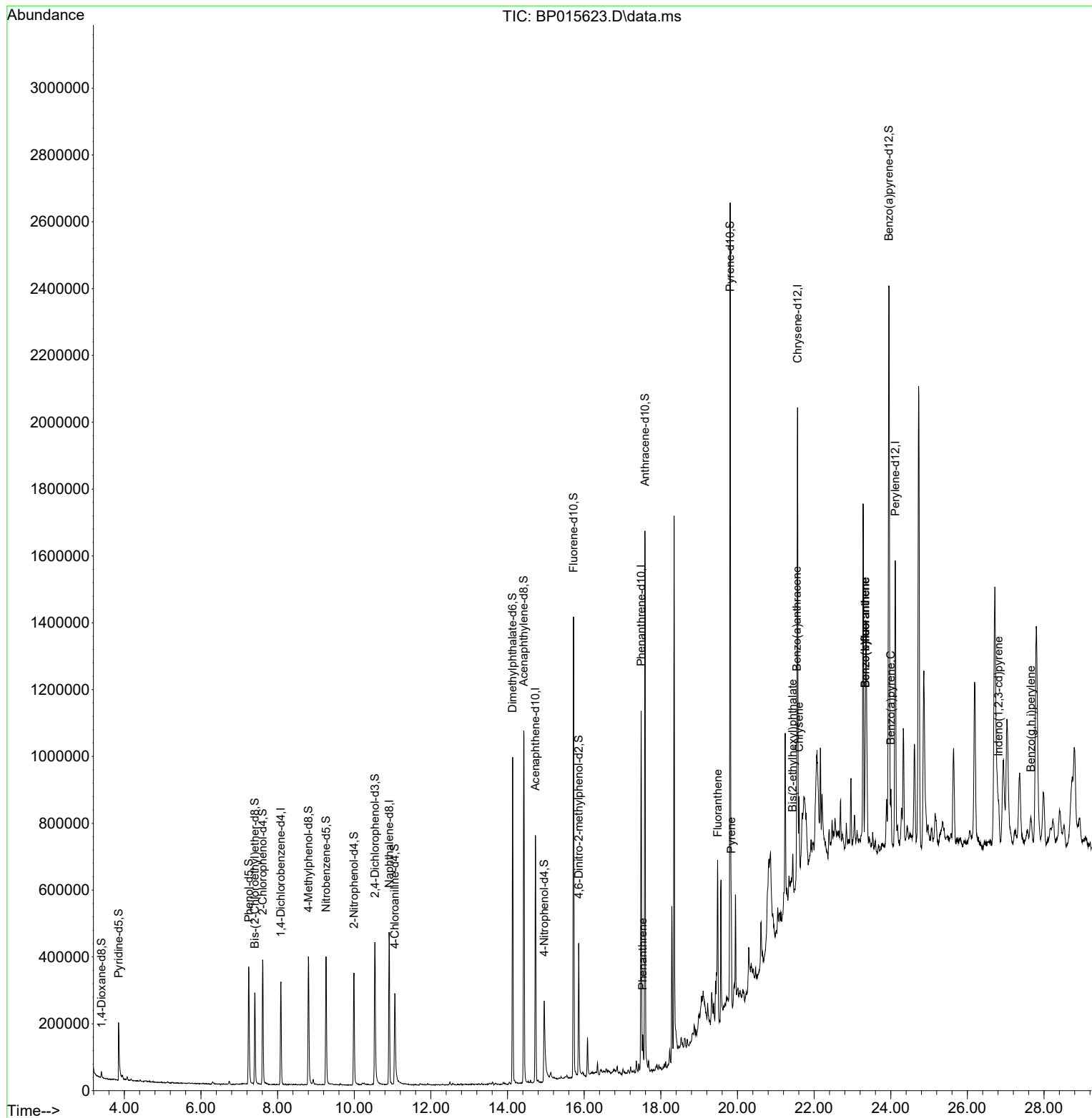
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	78860	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	356588	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	240441	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.487	188	590971	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	626058	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	696326	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	10249	4.813	ng/uL	0.00
4) Pyridine-d5	3.852	84	105728	19.113	ng/ul	0.00
7) Phenol-d5	7.246	99	204642	28.168	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	127423	29.368	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	162753	30.898	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	148769	24.950	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	85942	30.698	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	100181	31.335	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	168222	28.845	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	175518	20.967	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	603018	31.804	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	687996	33.185	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	84728	24.954	ng/ul	0.02
60) Fluorene-d10	15.722	176	526684	32.941	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	80451	21.489	ng/ul	0.00
73) Anthracene-d10	17.587	188	866450	32.224	ng/ul	0.00
81) Pyrene-d10	19.810	212	1186164	35.400	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1192397	34.128	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.528	178	56297	1.775	ng/ul	96
80) Fluoranthene	19.486	202	208842	5.117	ng/ul	99
82) Pyrene	19.839	202	186313	4.412	ng/ul	99
85) Benzo(a)anthracene	21.551	228	115196	2.632	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.439	149	29658	1.075	ng/ul#	97
87) Chrysene	21.604	228	140446	3.395	ng/ul	97
90) Benzo(b)fluoranthene	23.333	252	220872	4.914	ng/ul#	93
91) Benzo(k)fluoranthene	23.333	252	220872	5.083	ng/ul#	94
93) Benzo(a)pyrene	24.004	252	146223	3.731	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.815	276	111935	2.207	ng/ul	99
96) Benzo(g,h,i)perylene	27.657	276	113018	2.704	ng/ul#	95

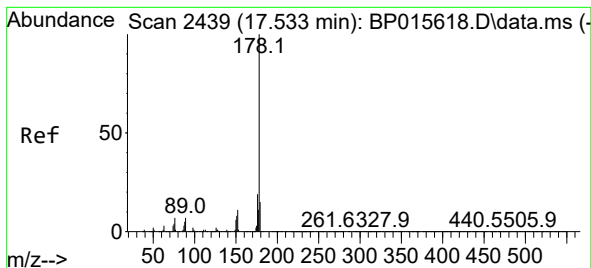
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.775 ng/ul

RT: 17.528 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

Instrument :

BNA_P

ClientSampleId :

DCFH4

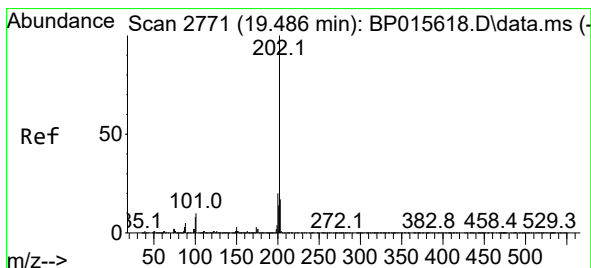
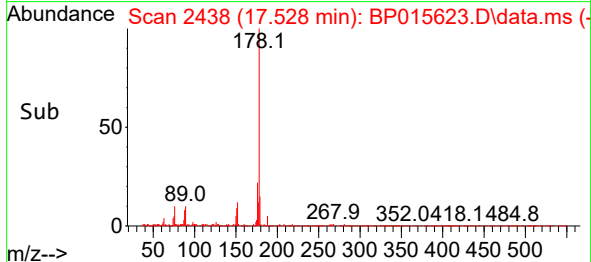
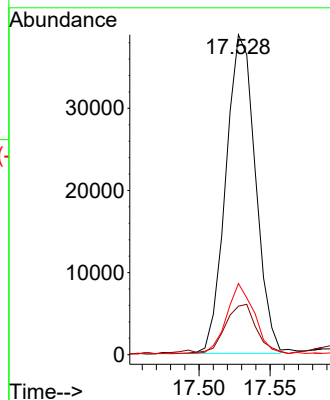
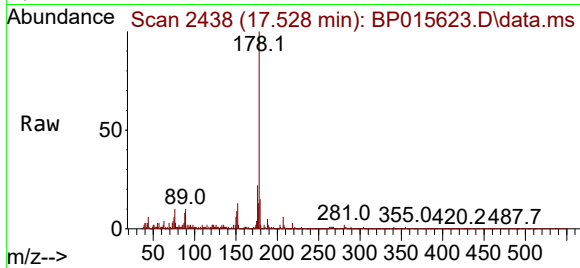
Tgt Ion:178 Resp: 56297

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 22.3 15.4 23.0



#80

Fluoranthene

Concen: 5.117 ng/ul

RT: 19.486 min Scan# 2771

Delta R.T. 0.000 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

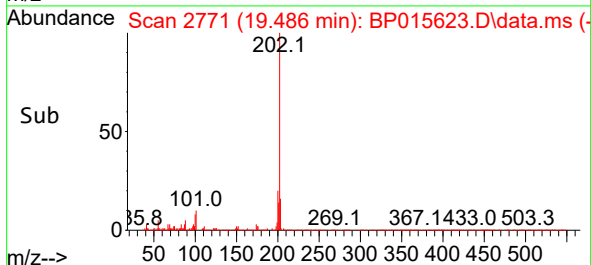
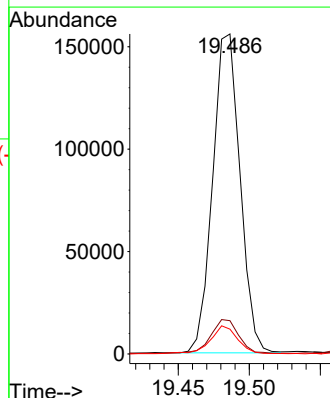
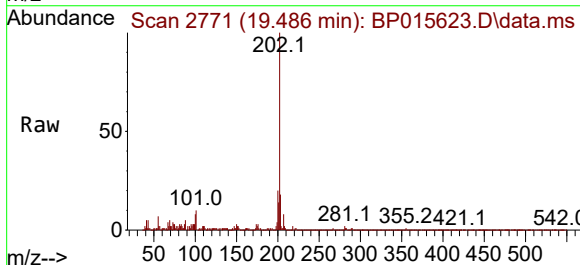
Tgt Ion:202 Resp: 208842

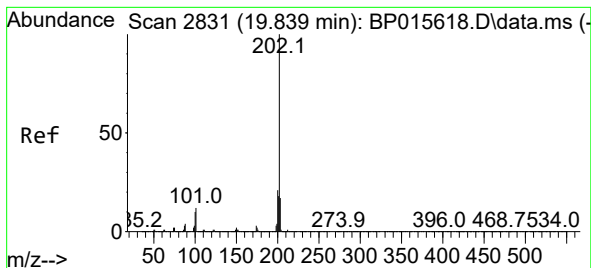
Ion Ratio Lower Upper

202 100

101 10.4 8.6 13.0

100 7.7 6.6 9.8





#82

Pyrene

Concen: 4.412 ng/ul

RT: 19.839 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

Instrument :

BNA_P

ClientSampleId :

DCFH4

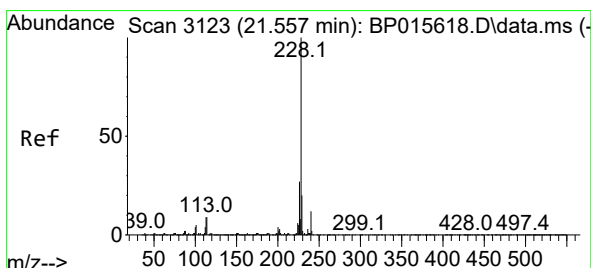
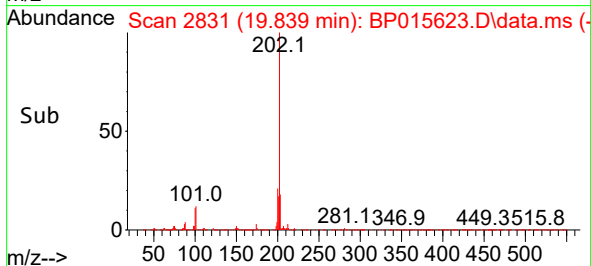
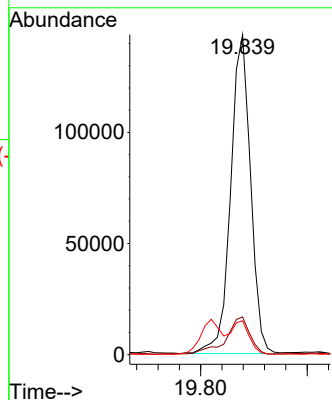
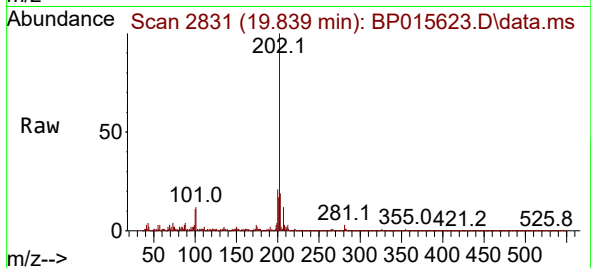
Tgt Ion:202 Resp: 186313

Ion Ratio Lower Upper

202 100

101 11.8 9.9 14.9

100 10.6 8.4 12.6



#85

Benzo(a)anthracene

Concen: 2.632 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

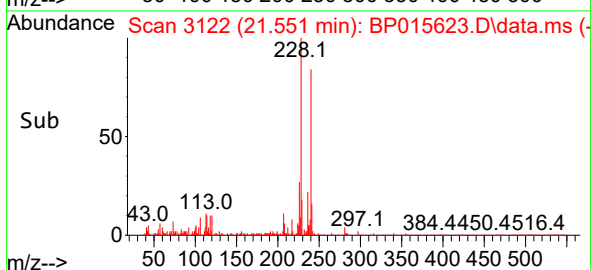
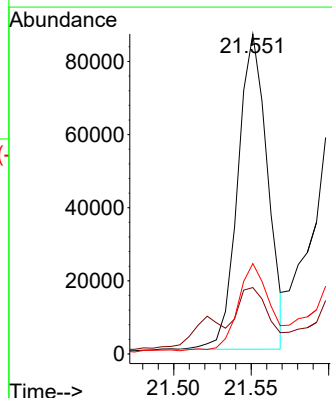
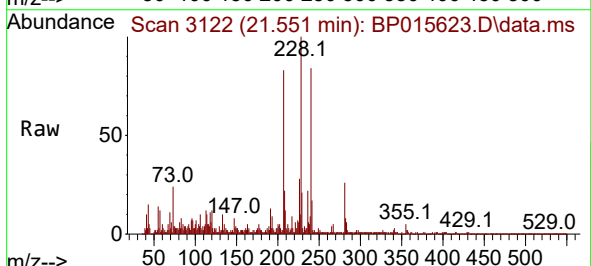
Tgt Ion:228 Resp: 115196

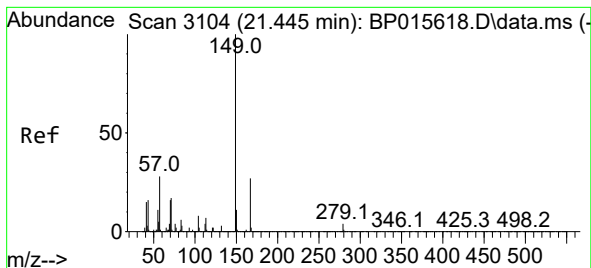
Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

226 28.2 21.8 32.6





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.075 ng/ul

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

Instrument :

BNA_P

ClientSampleId :

DCFH4

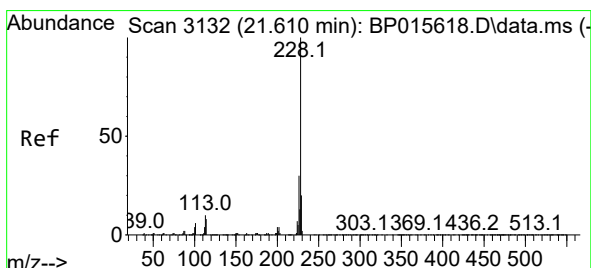
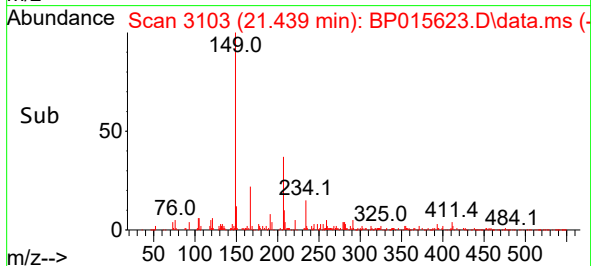
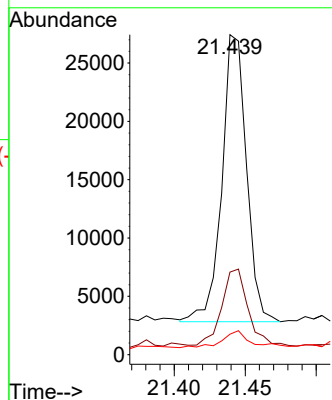
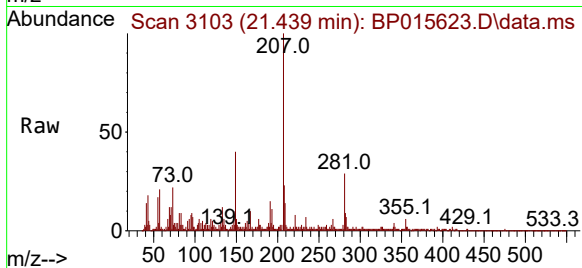
Tgt Ion:149 Resp: 29658

Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.8

279 6.4 3.7 5.5#



#87

Chrysene

Concen: 3.395 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

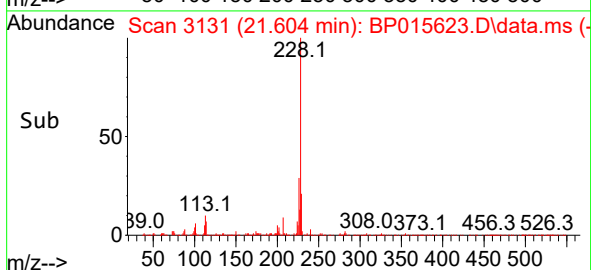
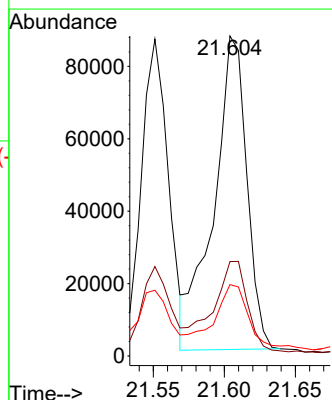
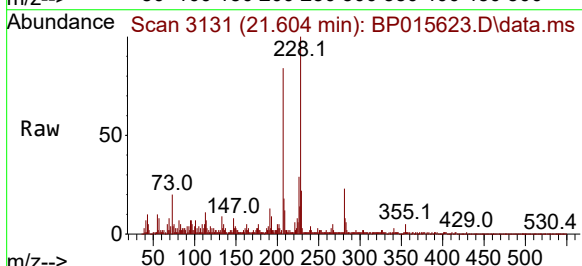
Tgt Ion:228 Resp: 140446

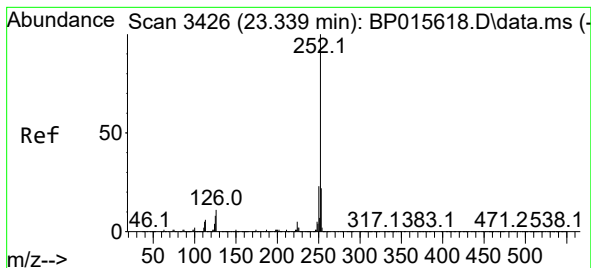
Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

229 22.3 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 4.914 ng/ul

RT: 23.333 min Scan# 3426

Delta R.T. 0.006 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

Instrument :

BNA_P

ClientSampleId :

DCFH4

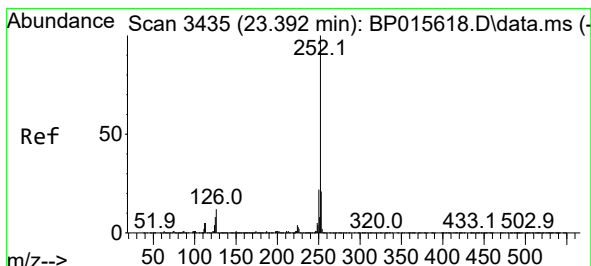
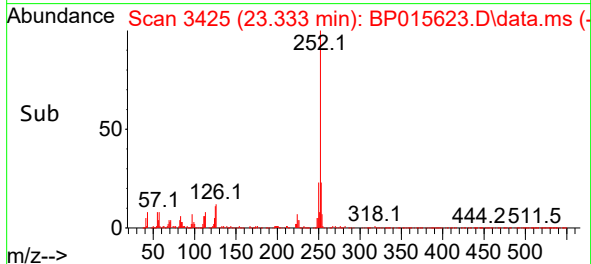
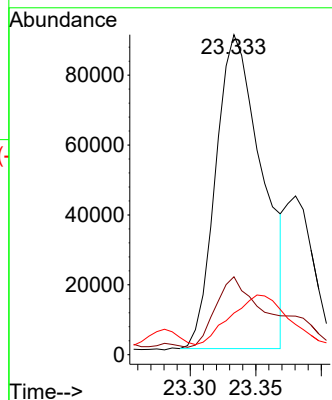
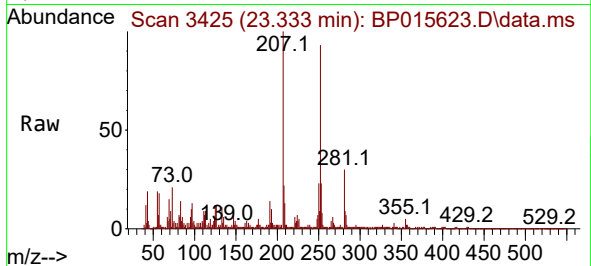
Tgt Ion:252 Resp: 220872

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

125 13.0 7.3 10.9#



#91

Benzo(k)fluoranthene

Concen: 5.083 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. -0.047 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

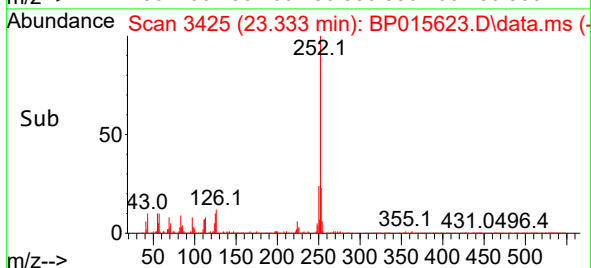
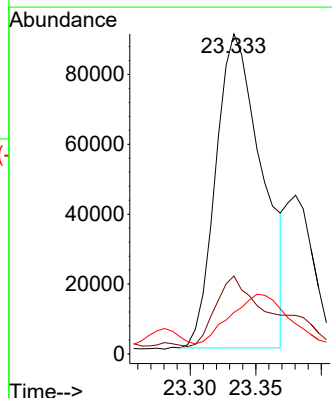
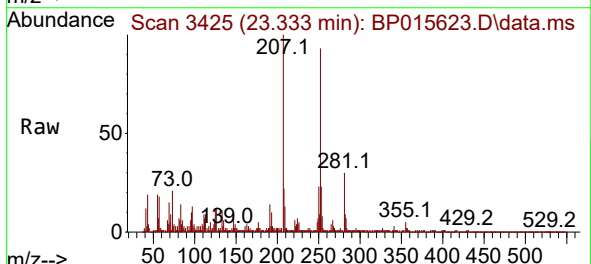
Tgt Ion:252 Resp: 220872

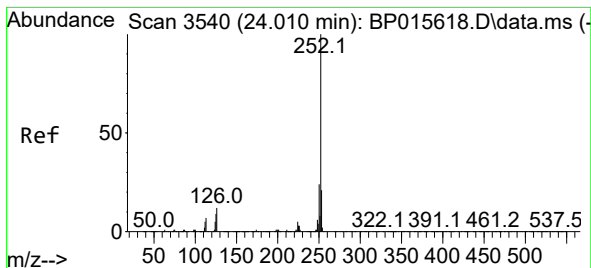
Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 13.0 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 3.731 ng/ul

RT: 24.004 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

Instrument :

BNA_P

ClientSampleId :

DCFH4

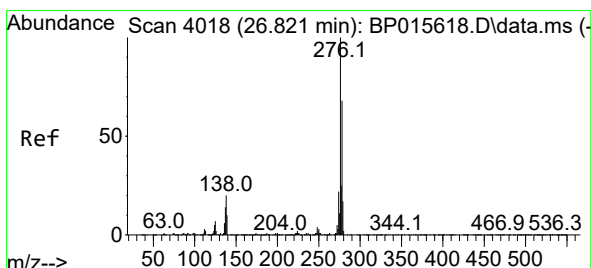
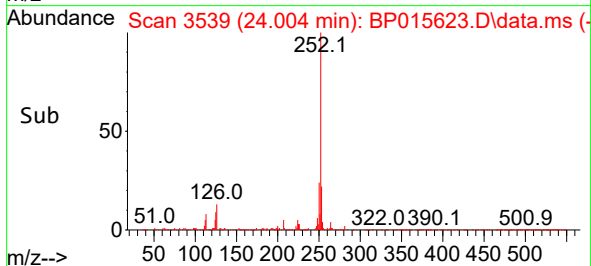
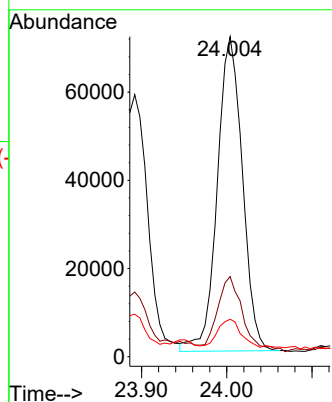
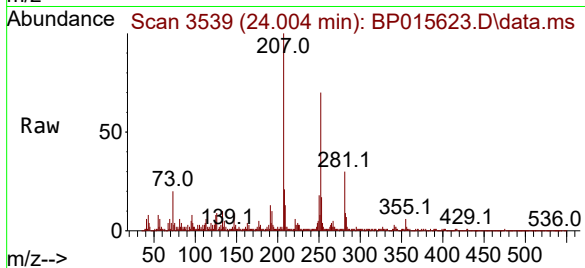
Tgt Ion:252 Resp: 146223

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.6

125 11.7 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.207 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP015623.D

Acq: 20 Jun 2023 15:55

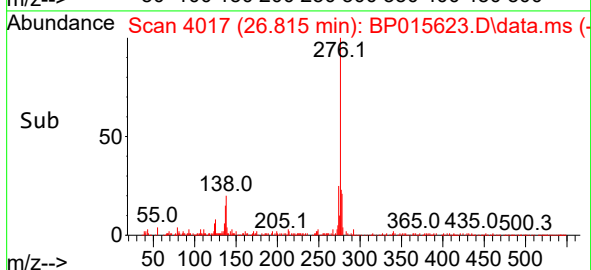
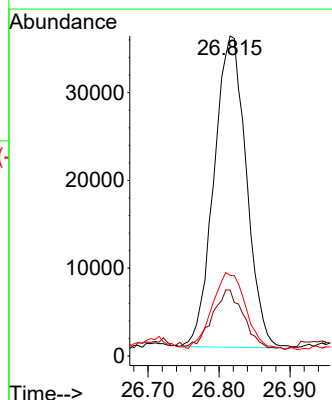
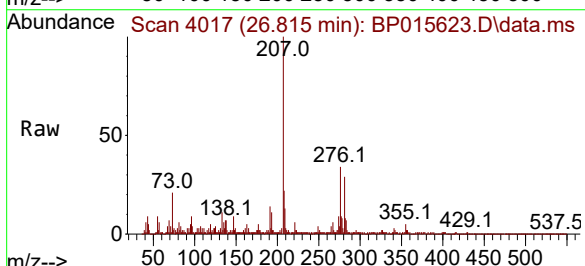
Tgt Ion:276 Resp: 111935

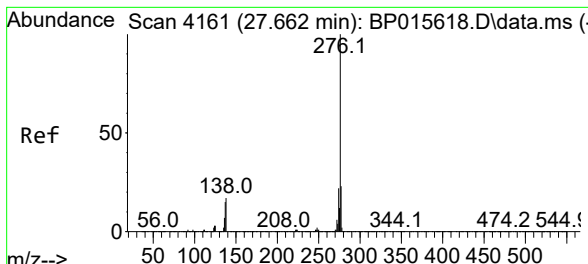
Ion Ratio Lower Upper

276 100

138 20.6 17.3 25.9

277 25.2 20.2 30.2





#96
 Benzo(g,h,i)perylene
 Concen: 2.704 ng/ul
 RT: 27.657 min Scan# 4160
 Delta R.T. 0.018 min
 Lab File: BP015623.D
 Acq: 20 Jun 2023 15:55

Instrument :
 BNA_P
 ClientSampleId :
 DCFH4

Tgt Ion:	276	Resp:	113018
Ion Ratio	Lower	Upper	
276	100		
138	19.4	15.6	23.4
277	28.6	19.0	28.6#

