

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015762.D
 Acq On : 28 Jun 2023 00:15
 Operator : MA/JU
 Sample : 03101-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEN0

Quant Time: Jun 28 03:21:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

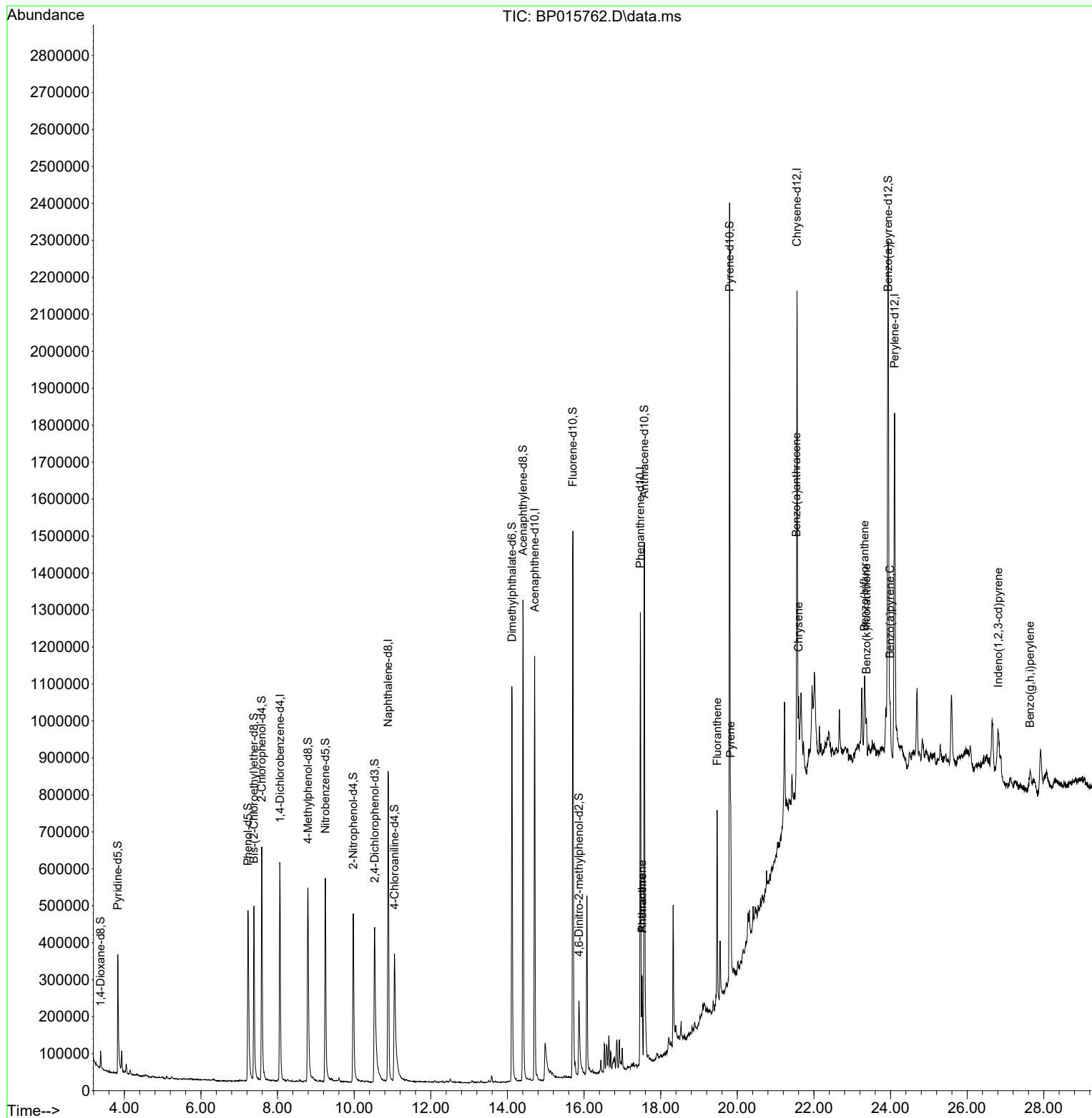
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	171955	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	711960	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	373283	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	753408	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	656686	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	805848	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	20282	4.244	ng/uL	0.00
4) Pyridine-d5	3.828	84	184842	15.342	ng/ul	0.00
7) Phenol-d5	7.228	99	347321	23.607	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	243925	26.798	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	300780	27.082	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	259651	22.340	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	142025	26.103	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	158640	24.981	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	254604	22.499	ng/ul	0.01
31) 4-Chloroaniline-d4	11.051	131	313070	21.536	ng/ul	0.01
46) Dimethylphthalate-d6	14.116	166	785954	27.241	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	880949	27.162	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	79	0.021	ng/ul	0.00
60) Fluorene-d10	15.710	176	634942	26.727	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	63523	13.710	ng/ul	0.01
73) Anthracene-d10	17.575	188	920513	26.748	ng/ul	0.00
81) Pyrene-d10	19.798	212	1066401	24.869	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1138778	28.014	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.516	178	136507	3.335	ng/ul	98
74) Anthracene	17.516	178	136653	3.323	ng/ul	99
80) Fluoranthene	19.474	202	318554	5.978	ng/ul	99
82) Pyrene	19.827	202	252397	4.643	ng/ul	96
85) Benzo(a)anthracene	21.545	228	112773	2.441	ng/ul	97
87) Chrysene	21.598	228	135400	3.089	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	198088	3.826	ng/ul#	92
91) Benzo(k)fluoranthene	23.368	252	65618	1.254	ng/ul#	82
93) Benzo(a)pyrene	23.992	252	120532	2.664	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.809	276	102321	1.666	ng/ul	99
96) Benzo(g,h,i)perylene	27.639	276	91103	1.803	ng/ul	97

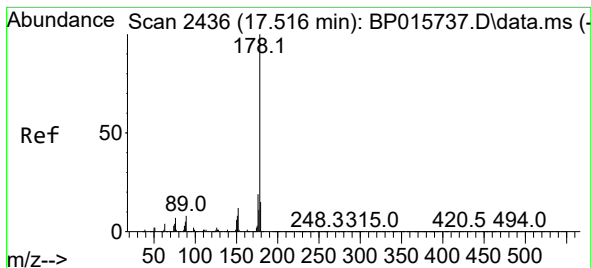
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 3.335 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

Instrument :

BNA_P

ClientSampleId :

EZEN0

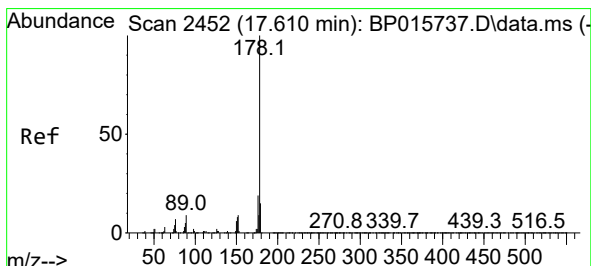
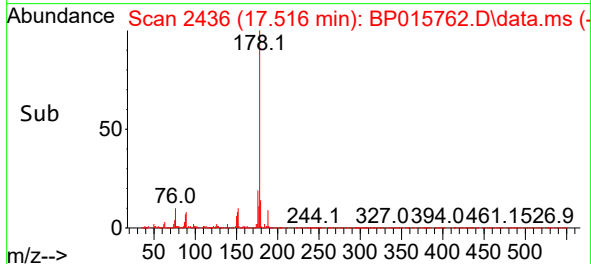
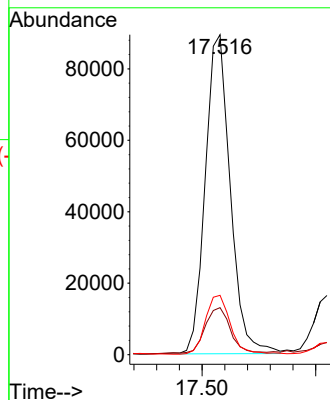
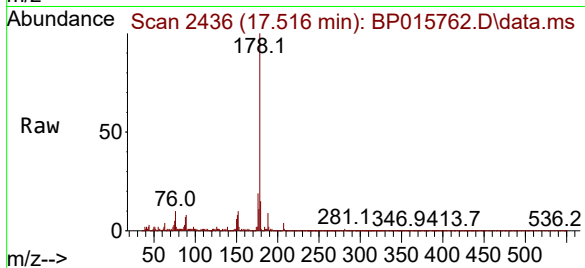
Tgt Ion:178 Resp: 136507

Ion Ratio Lower Upper

178 100

179 14.7 12.4 18.6

176 18.6 15.6 23.4



#74

Anthracene

Concen: 3.323 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.094 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

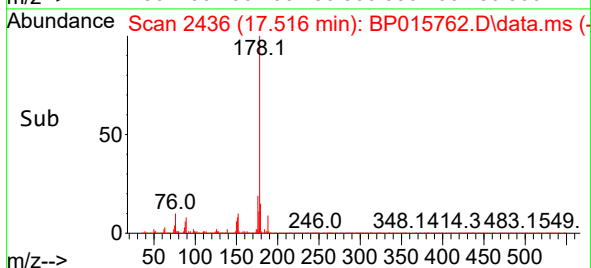
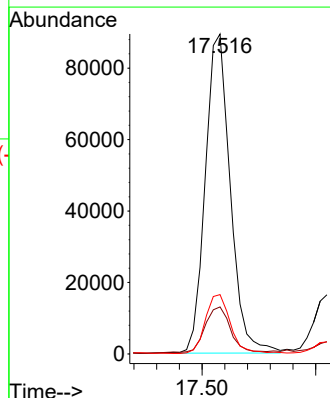
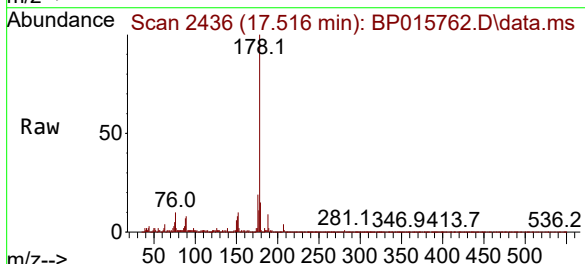
Tgt Ion:178 Resp: 136653

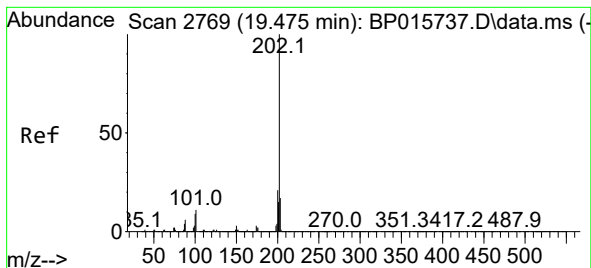
Ion Ratio Lower Upper

178 100

179 14.7 12.1 18.1

176 18.6 14.6 22.0





#80

Fluoranthene

Concen: 5.978 ng/ul

RT: 19.474 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

Instrument :

BNA_P

ClientSampleId :

EZEN0

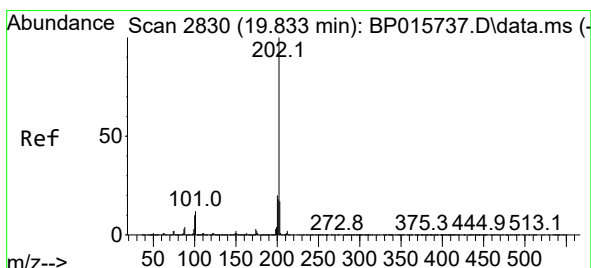
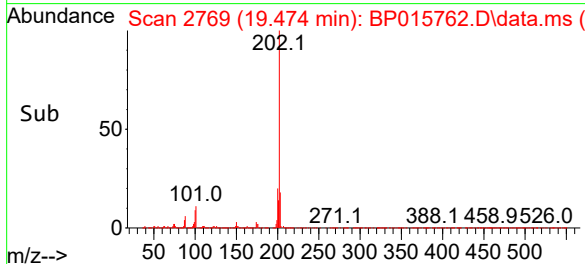
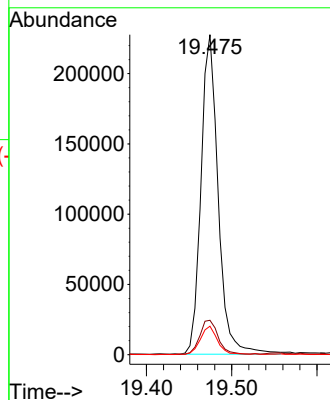
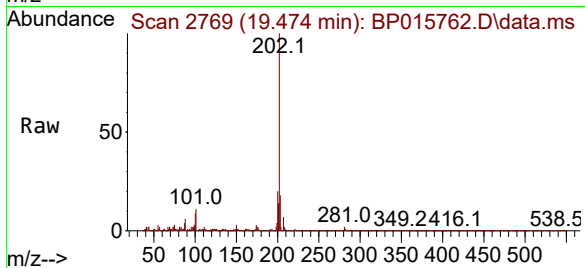
Tgt Ion:202 Resp: 318554

Ion Ratio Lower Upper

202 100

101 10.7 8.3 12.5

100 8.9 6.6 9.8



#82

Pyrene

Concen: 4.643 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

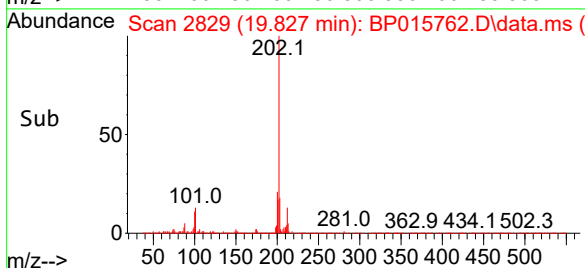
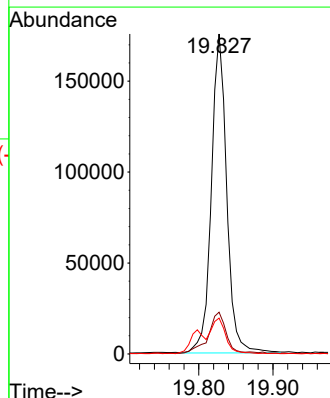
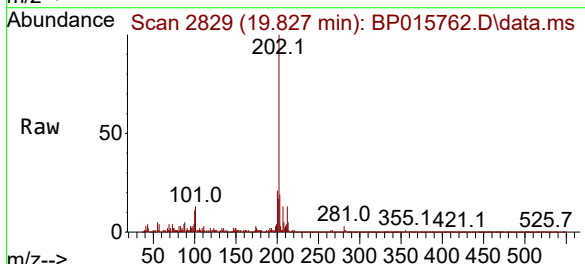
Tgt Ion:202 Resp: 252397

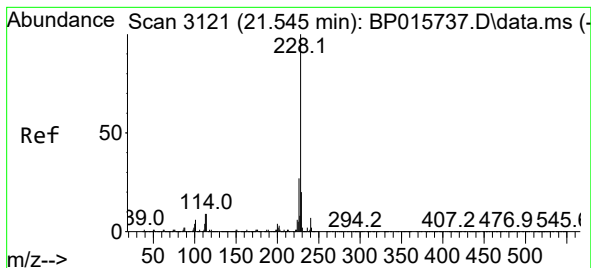
Ion Ratio Lower Upper

202 100

101 13.1 9.3 13.9

100 11.2 7.6 11.4





#85

Benzo(a)anthracene

Concen: 2.441 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

Instrument :

BNA_P

ClientSampleId :

EZEN0

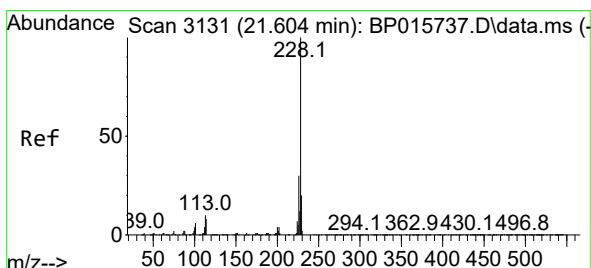
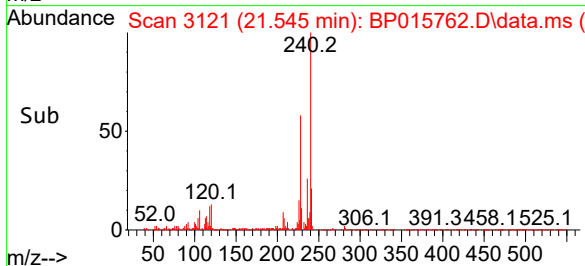
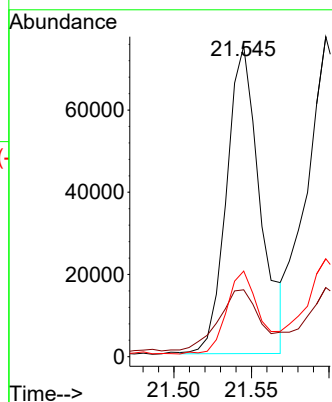
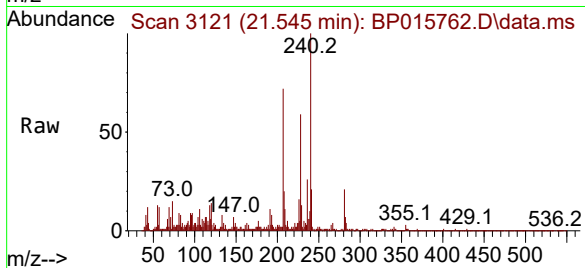
Tgt Ion:228 Resp: 112773

Ion Ratio Lower Upper

228 100

229 21.5 15.3 22.9

226 27.6 21.4 32.0



#87

Chrysene

Concen: 3.089 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

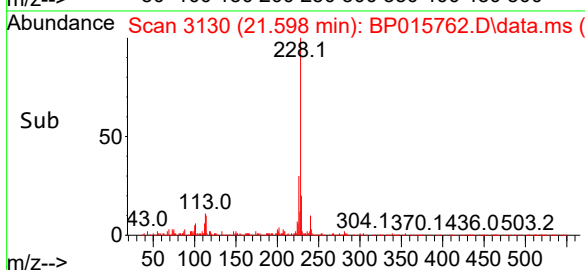
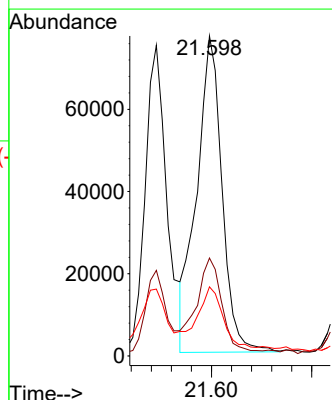
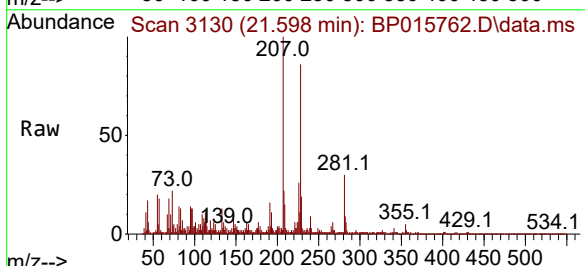
Tgt Ion:228 Resp: 135400

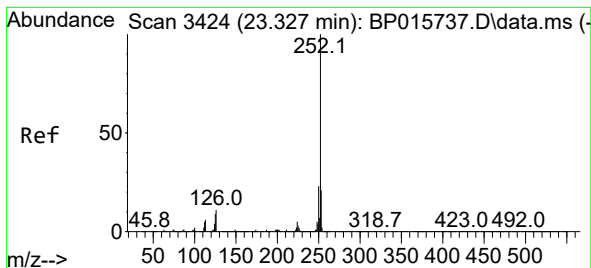
Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 21.6 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 3.826 ng/ul

RT: 23.321 min Scan# 3424

Delta R.T. -0.006 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

Instrument :

BNA_P

ClientSampleId :

EZEN0

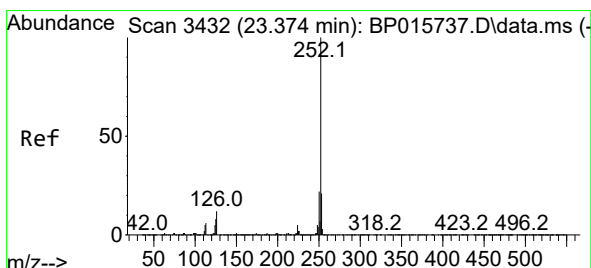
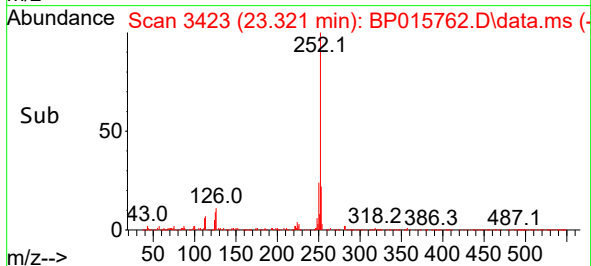
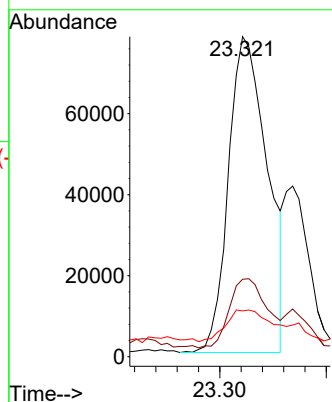
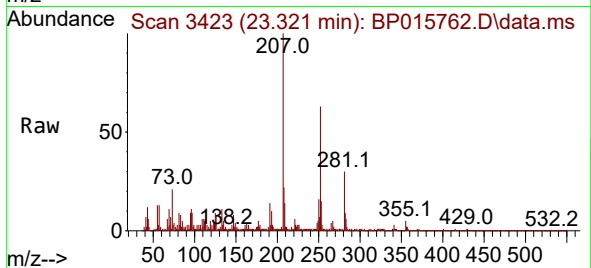
Tgt Ion:252 Resp: 198088

Ion Ratio Lower Upper

252 100

253 24.2 17.3 25.9

125 14.3 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 1.254 ng/ul

RT: 23.368 min Scan# 3431

Delta R.T. -0.012 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

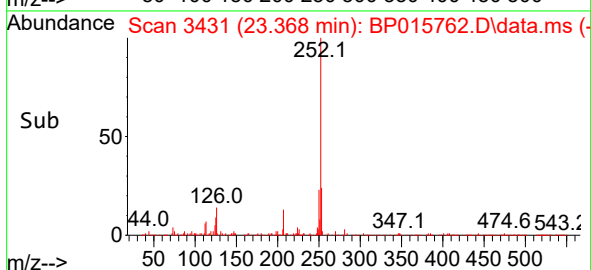
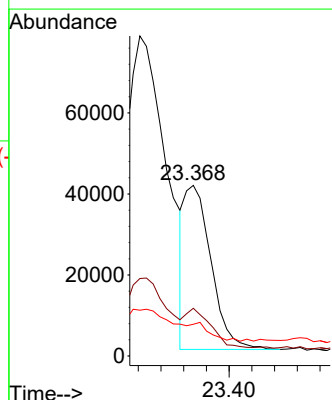
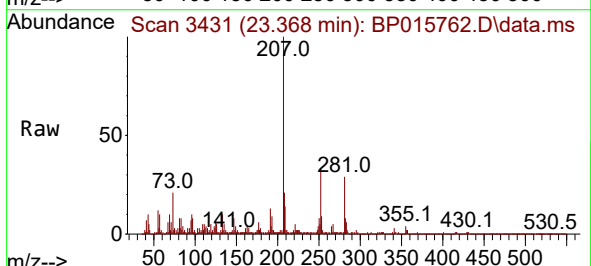
Tgt Ion:252 Resp: 65618

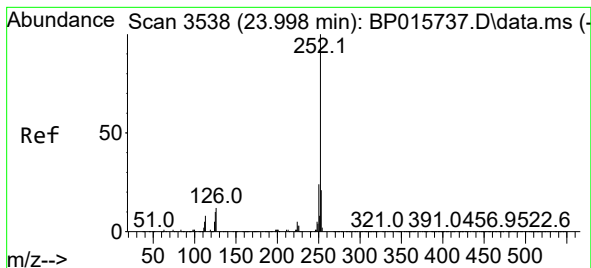
Ion Ratio Lower Upper

252 100

253 28.0 17.0 25.4#

125 18.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.664 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

Instrument :

BNA_P

ClientSampleId :

EZEN0

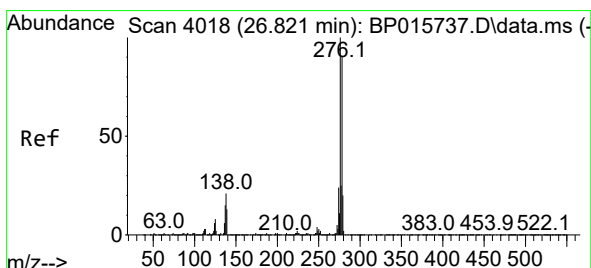
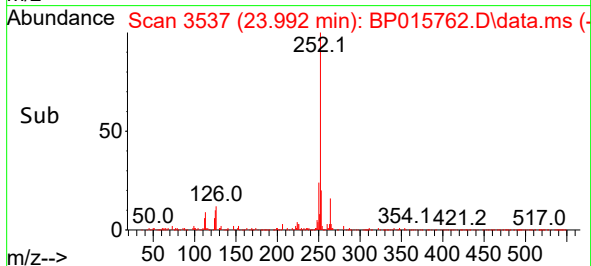
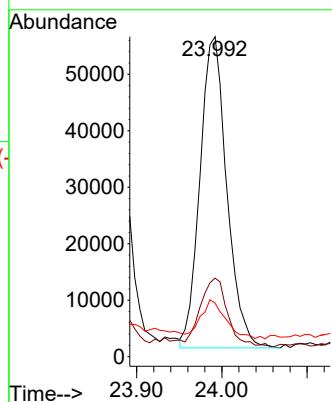
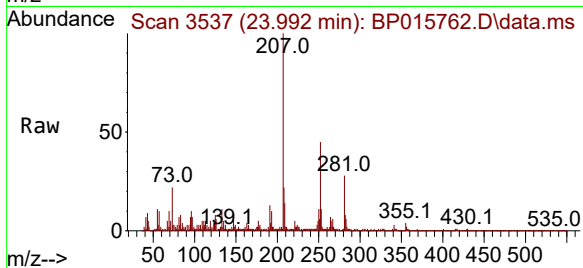
Tgt Ion:252 Resp: 120532

Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 16.7 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.666 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015762.D

Acq: 28 Jun 2023 00:15

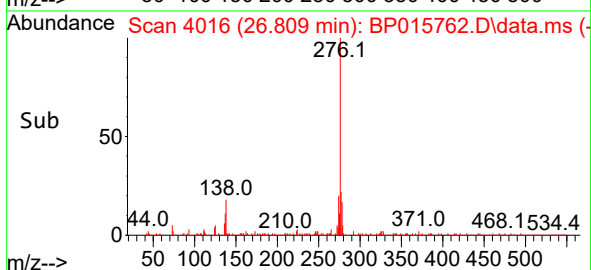
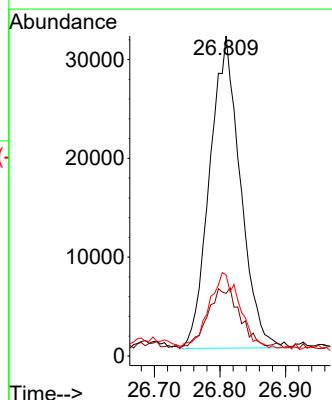
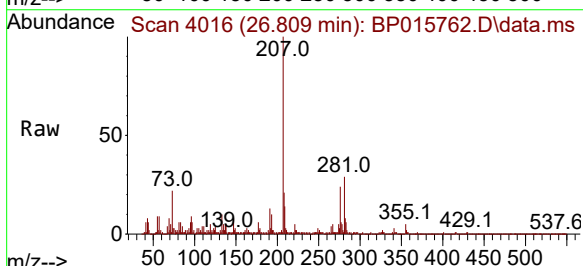
Tgt Ion:276 Resp: 102321

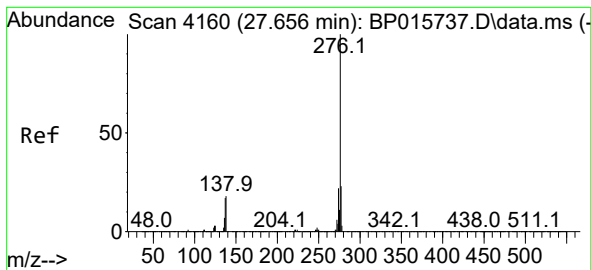
Ion Ratio Lower Upper

276 100

138 19.6 15.7 23.5

277 25.3 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.803 ng/ul
 RT: 27.639 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BP015762.D
 Acq: 28 Jun 2023 00:15

Instrument :
 BNA_P
 ClientSampleId :
 EZEN0

Tgt Ion:276 Resp: 91103
 Ion Ratio Lower Upper
 276 100
 138 20.0 15.1 22.7
 277 25.5 18.8 28.2

