

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015775.D
 Acq On : 28 Jun 2023 12:42
 Operator : MA/JU
 Sample : 03142-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 28 23:57:06 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

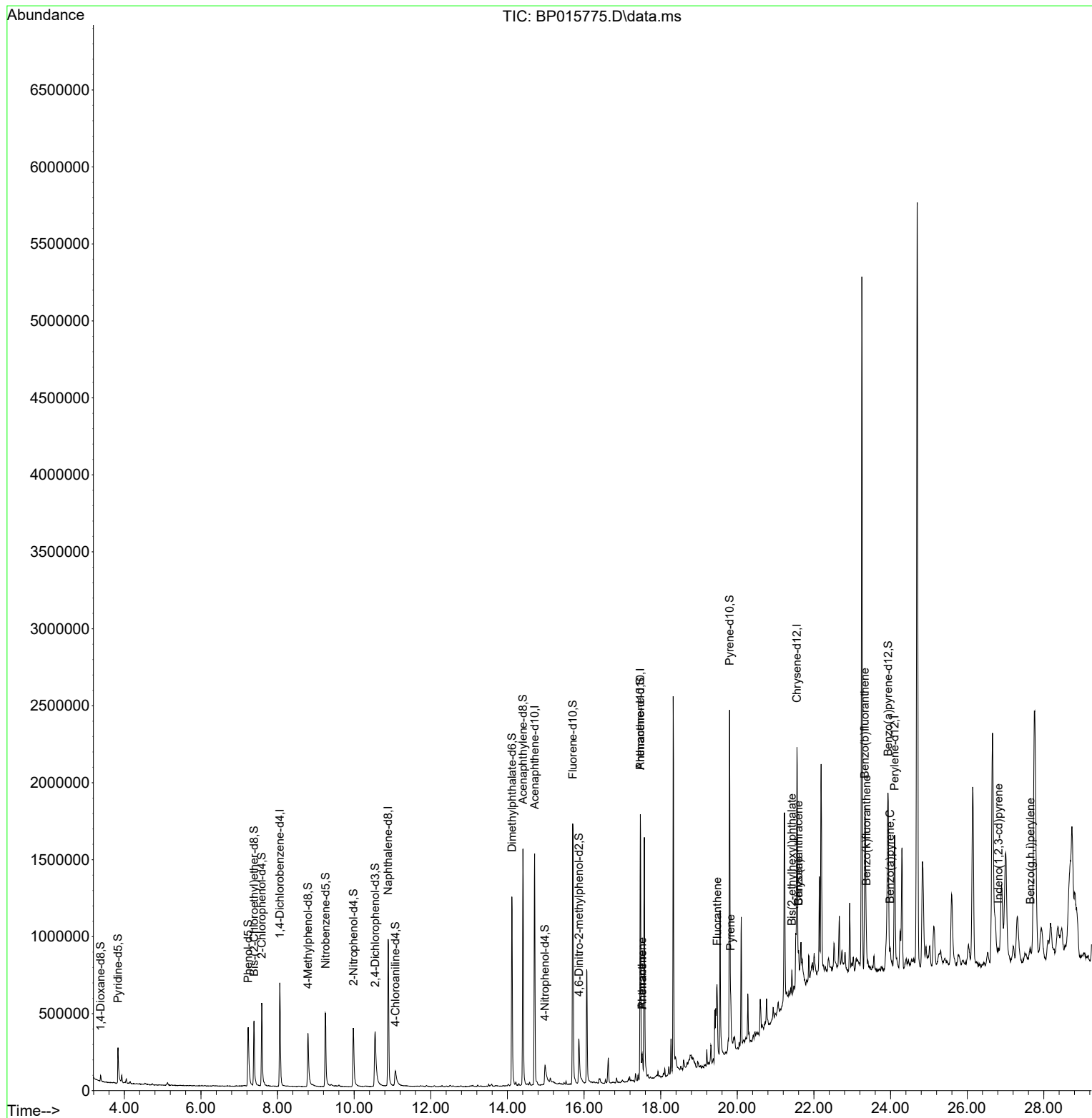
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	201425	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	831011	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	498619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1034139	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	698036	20.000	ng/ul	0.00
88) Perylene-d12	24.104	264	745452	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17970	3.210	ng/uL	0.00
4) Pyridine-d5	3.834	84	139581	9.891	ng/ul	0.00
7) Phenol-d5	7.234	99	306351	17.776	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	225751	21.173	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	265137	20.380	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	176925	12.995	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	130715	20.582	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	148038	19.972	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	227631	17.233	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	108125	6.372	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	879336	22.817	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	976490	22.539	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	65407	12.861	ng/ul	0.04
60) Fluorene-d10	15.704	176	729161	22.978	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	90174	14.179	ng/ul	0.01
73) Anthracene-d10	17.469	188	1034139	21.892	ng/ul	-0.11
81) Pyrene-d10	19.798	212	1140512	25.022	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	858279	22.824	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.516	178	82191	1.463	ng/ul	97
74) Anthracene	17.516	178	82599	1.463	ng/ul	95
80) Fluoranthene	19.474	202	197134	3.480	ng/ul	96
82) Pyrene	19.827	202	161842	2.801	ng/ul#	95
85) Benzo(a)anthracene	21.598	228	108472	2.209	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.421	149	60623	1.871	ng/ul	97
87) Chrysene	21.598	228	106805	2.293	ng/ul	96
90) Benzo(b)fluoranthene	23.327	252	161945	3.381	ng/ul#	76
91) Benzo(k)fluoranthene	23.368	252	53118	1.098	ng/ul#	81
93) Benzo(a)pyrene	23.992	252	105391	2.518	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.815	276	103676	1.825	ng/ul#	89
96) Benzo(g,h,i)perylene	27.651	276	98102	2.099	ng/ul	98

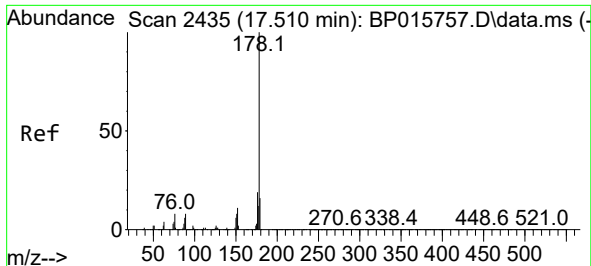
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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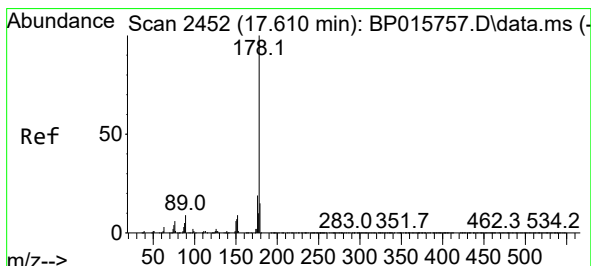
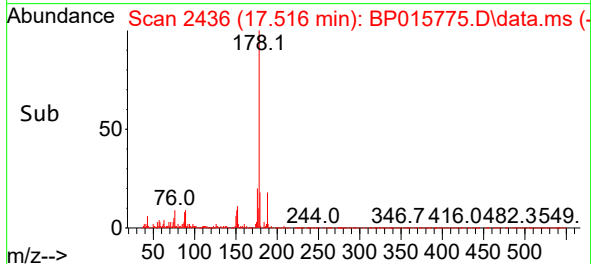
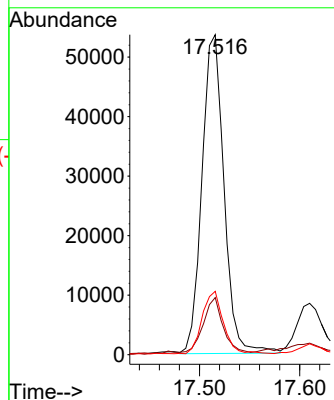
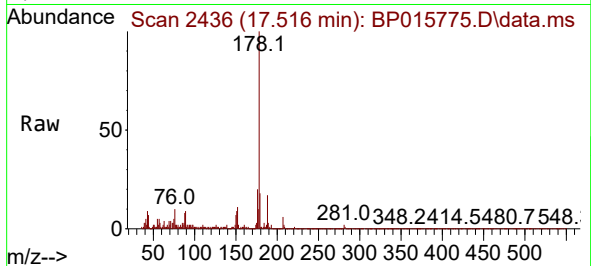




#72
Phenanthrene
Concen: 1.463 ng/ul
RT: 17.516 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP015775.D
Acq: 28 Jun 2023 12:42

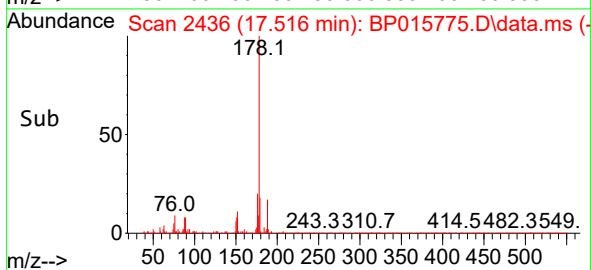
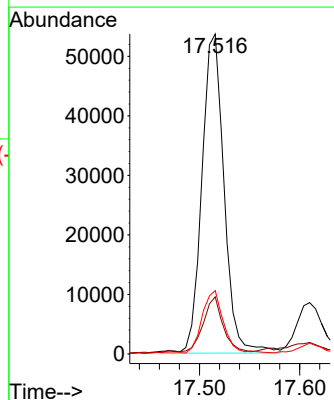
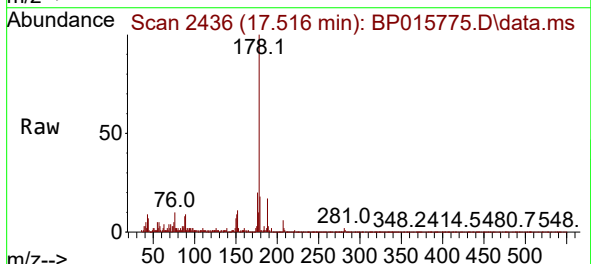
Instrument :
BNA_P
ClientSampleId :

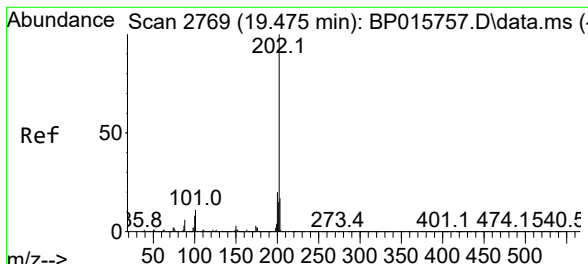
Tgt Ion:178 Resp: 82191
Ion Ratio Lower Upper
178 100
179 17.8 12.4 18.6
176 19.8 15.6 23.4



#74
Anthracene
Concen: 1.463 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. -0.094 min
Lab File: BP015775.D
Acq: 28 Jun 2023 12:42

Tgt Ion:178 Resp: 82599
Ion Ratio Lower Upper
178 100
179 17.8 12.1 18.1
176 19.8 14.6 22.0

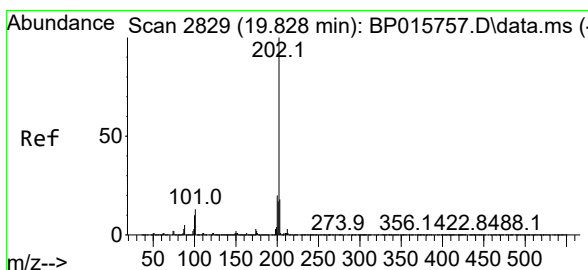
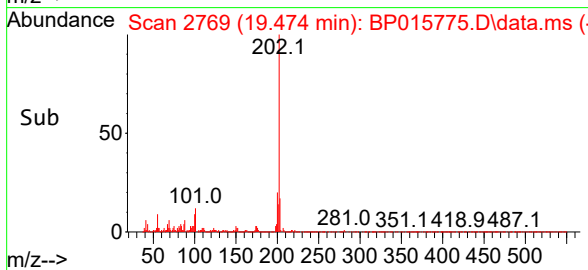
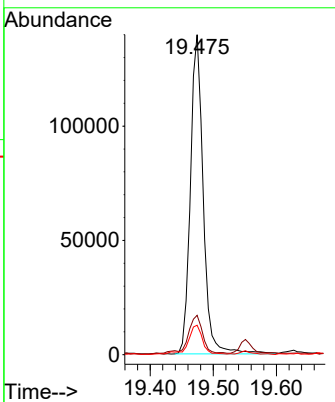
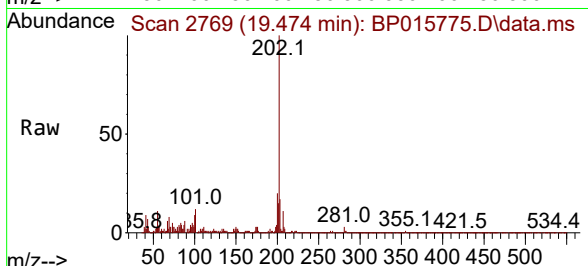




#80
 Fluoranthene
 Concen: 3.480 ng/ul
 RT: 19.474 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP015775.D
 Acq: 28 Jun 2023 12:42

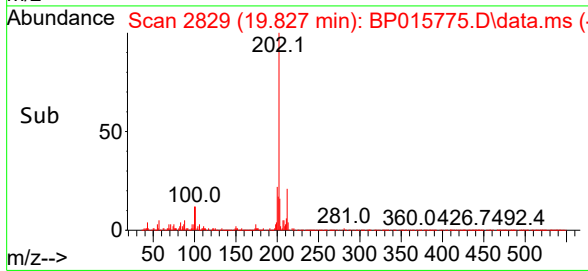
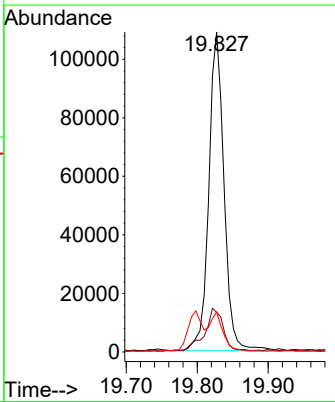
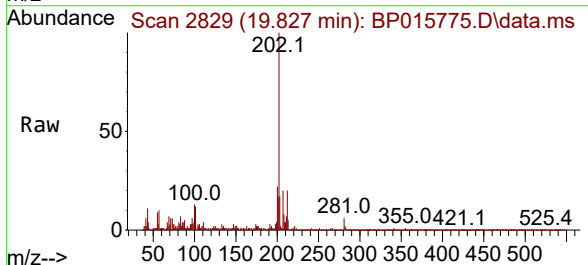
Instrument :
 BNA_P
 ClientSampleId :

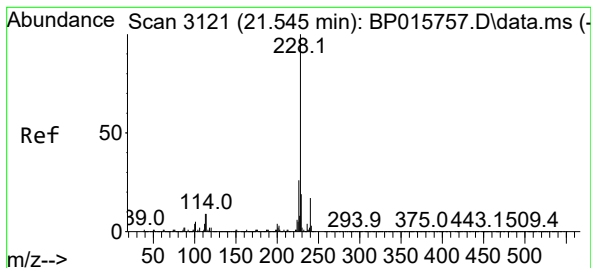
Tgt Ion:	202	Resp:	197134
Ion Ratio	Lower	Upper	
202	100		
101	12.3	8.3	12.5
100	9.2	6.6	9.8



#82
 Pyrene
 Concen: 2.801 ng/ul
 RT: 19.827 min Scan# 2829
 Delta R.T. -0.006 min
 Lab File: BP015775.D
 Acq: 28 Jun 2023 12:42

Tgt Ion:	202	Resp:	161842
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.3	13.9
100	12.5	7.6	11.4#





#85

Benzo(a)anthracene

Concen: 2.209 ng/ul

RT: 21.598 min Scan# 3121

Delta R.T. 0.053 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Instrument :

BNA_P

ClientSampleId :

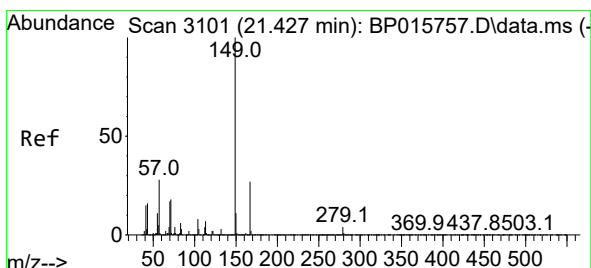
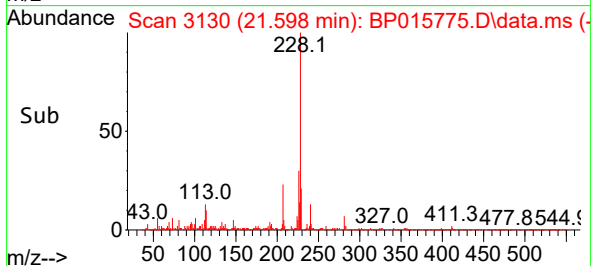
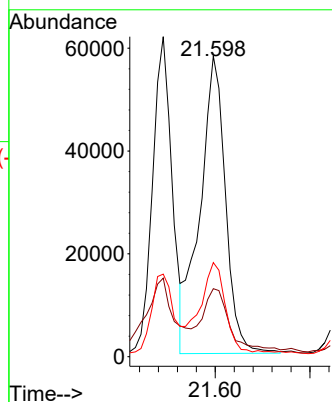
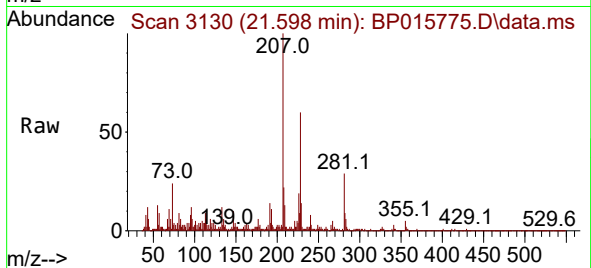
Tgt Ion:228 Resp: 108472

Ion Ratio Lower Upper

228 100

229 22.6 15.3 22.9

226 31.3 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.871 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. -0.012 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

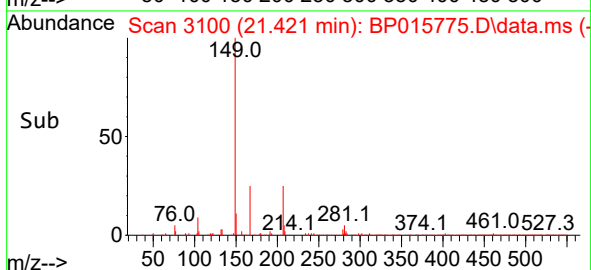
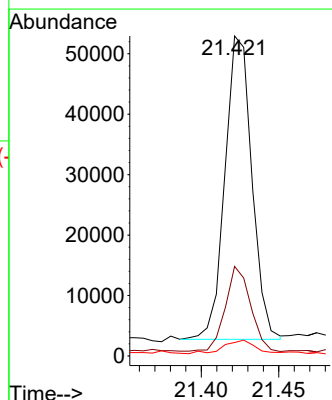
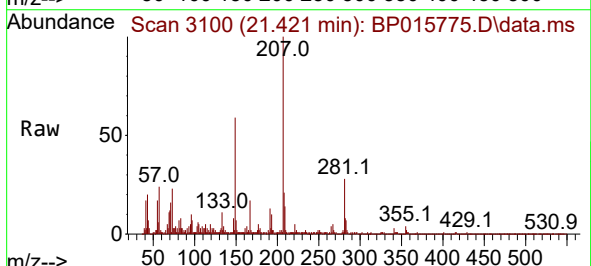
Tgt Ion:149 Resp: 60623

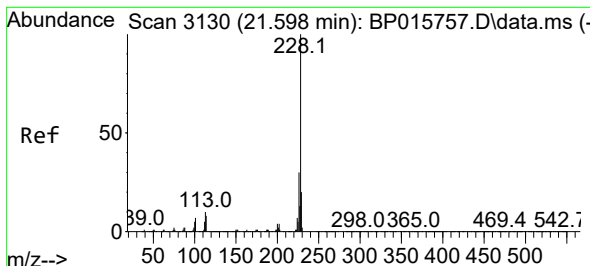
Ion Ratio Lower Upper

149 100

167 28.0 21.0 31.6

279 4.2 3.8 5.6





#87

Chrysene

Concen: 2.293 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Instrument :

BNA_P

ClientSampleId :

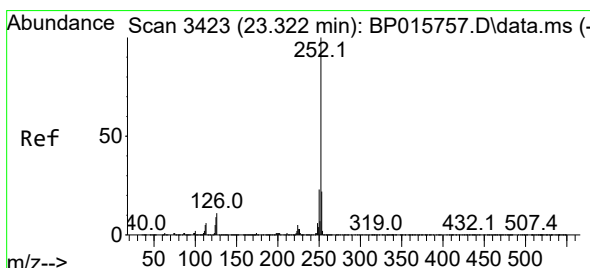
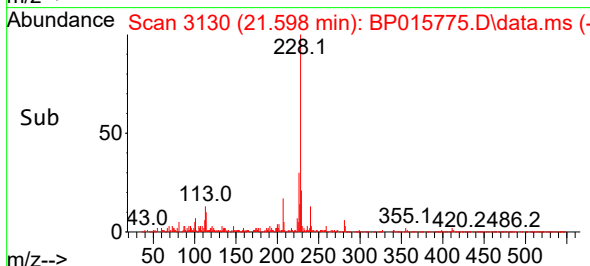
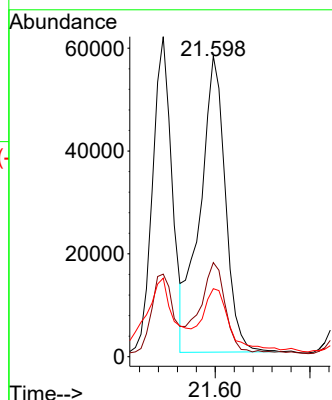
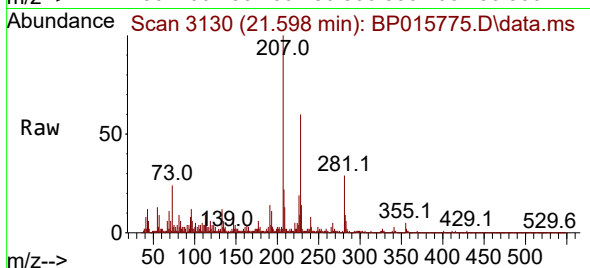
Tgt Ion:228 Resp: 106805

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 22.6 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 3.381 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.000 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

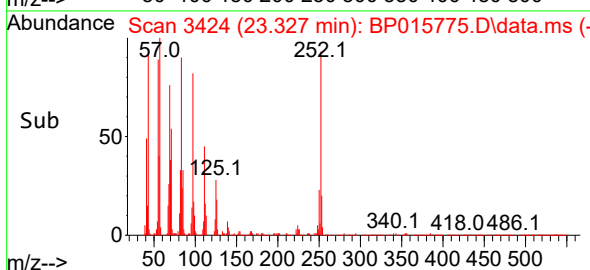
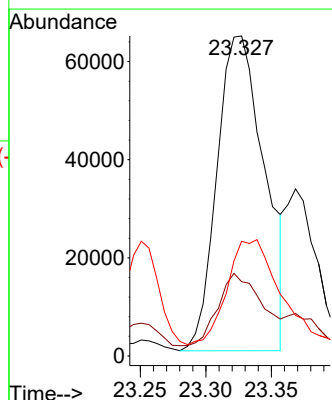
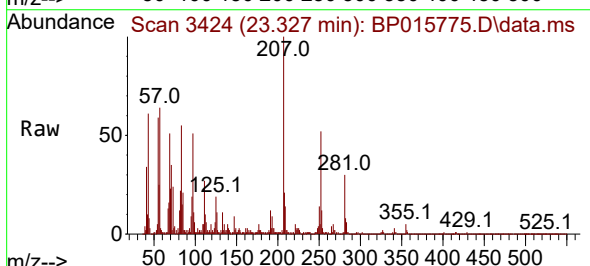
Tgt Ion:252 Resp: 161945

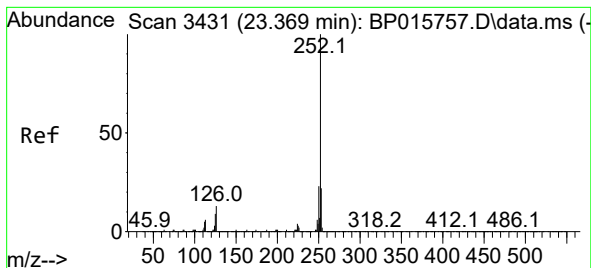
Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

125 35.9 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 1.098 ng/ul

RT: 23.368 min Scan# 3431

Delta R.T. -0.012 min

Lab File: BP015775.D

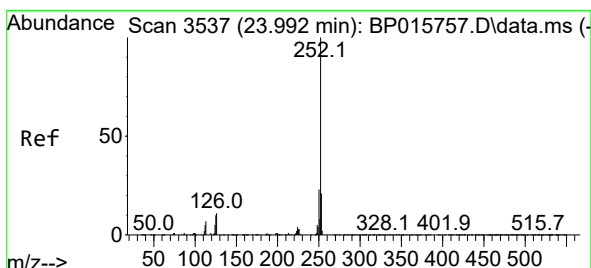
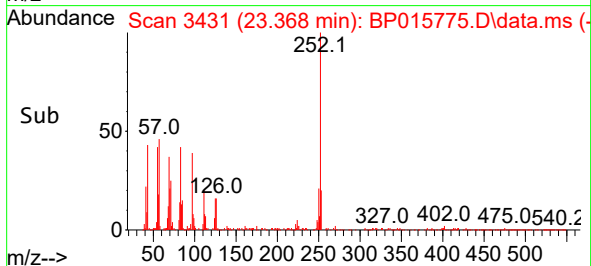
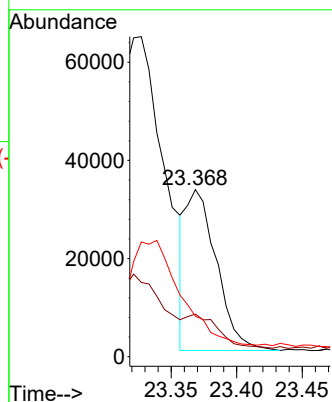
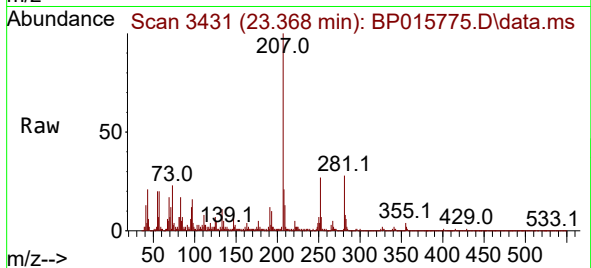
Acq: 28 Jun 2023 12:42

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:252	Resp:	53118
Ion Ratio	Lower	Upper
252	100	
253	25.5	17.0 25.4#
125	24.3	7.3 10.9#



#93

Benzo(a)pyrene

Concen: 2.518 ng/ul

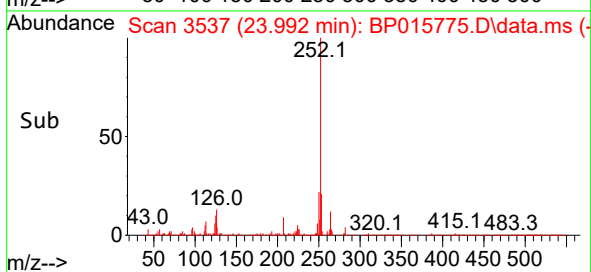
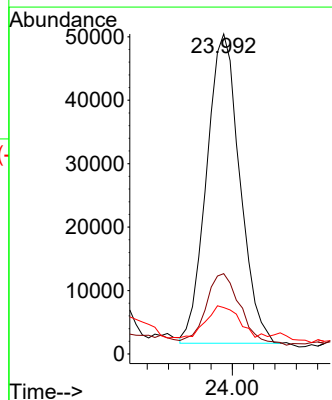
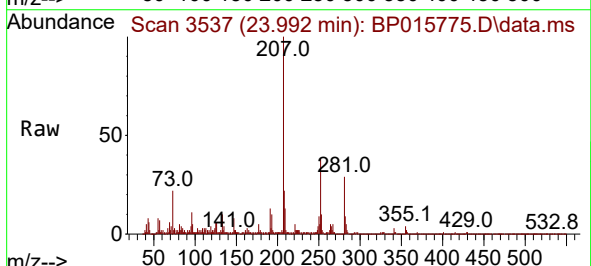
RT: 23.992 min Scan# 3537

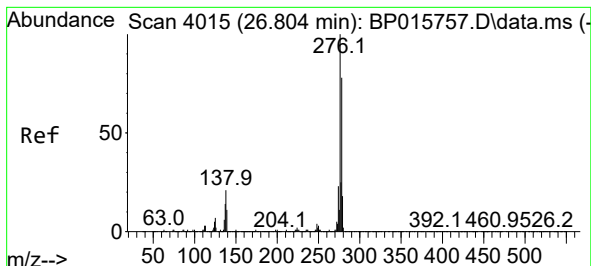
Delta R.T. -0.012 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Tgt Ion:252	Resp:	105391
Ion Ratio	Lower	Upper
252	100	
253	25.1	17.7 26.5
125	14.5	8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.825 ng/ul

RT: 26.815 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Instrument :

BNP_P

ClientSampleId :

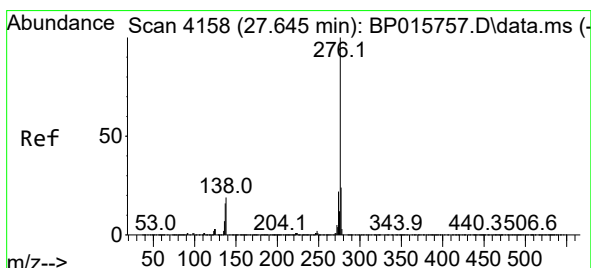
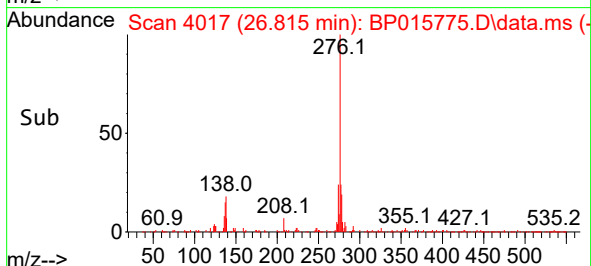
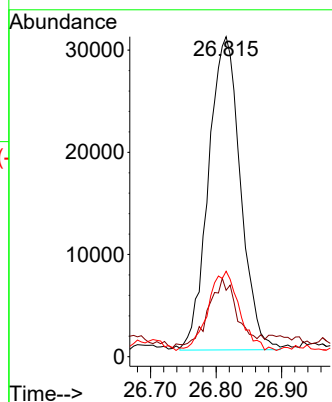
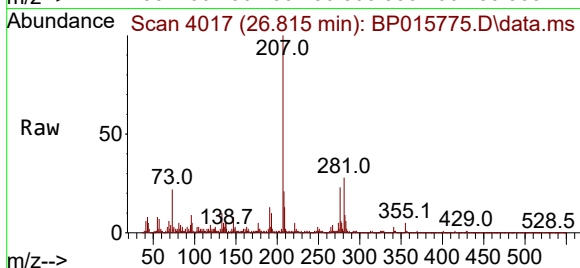
Tgt Ion:276 Resp: 103676

Ion Ratio Lower Upper

276 100

138 27.9 15.7 23.5#

277 26.7 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 2.099 ng/ul

RT: 27.651 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP015775.D

Acq: 28 Jun 2023 12:42

Tgt Ion:276 Resp: 98102

Ion Ratio Lower Upper

276 100

138 19.5 15.1 22.7

277 24.7 18.8 28.2

