

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015843.D
 Acq On : 30 Jun 2023 14:32
 Operator : MA/JU
 Sample : 03161-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:33:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

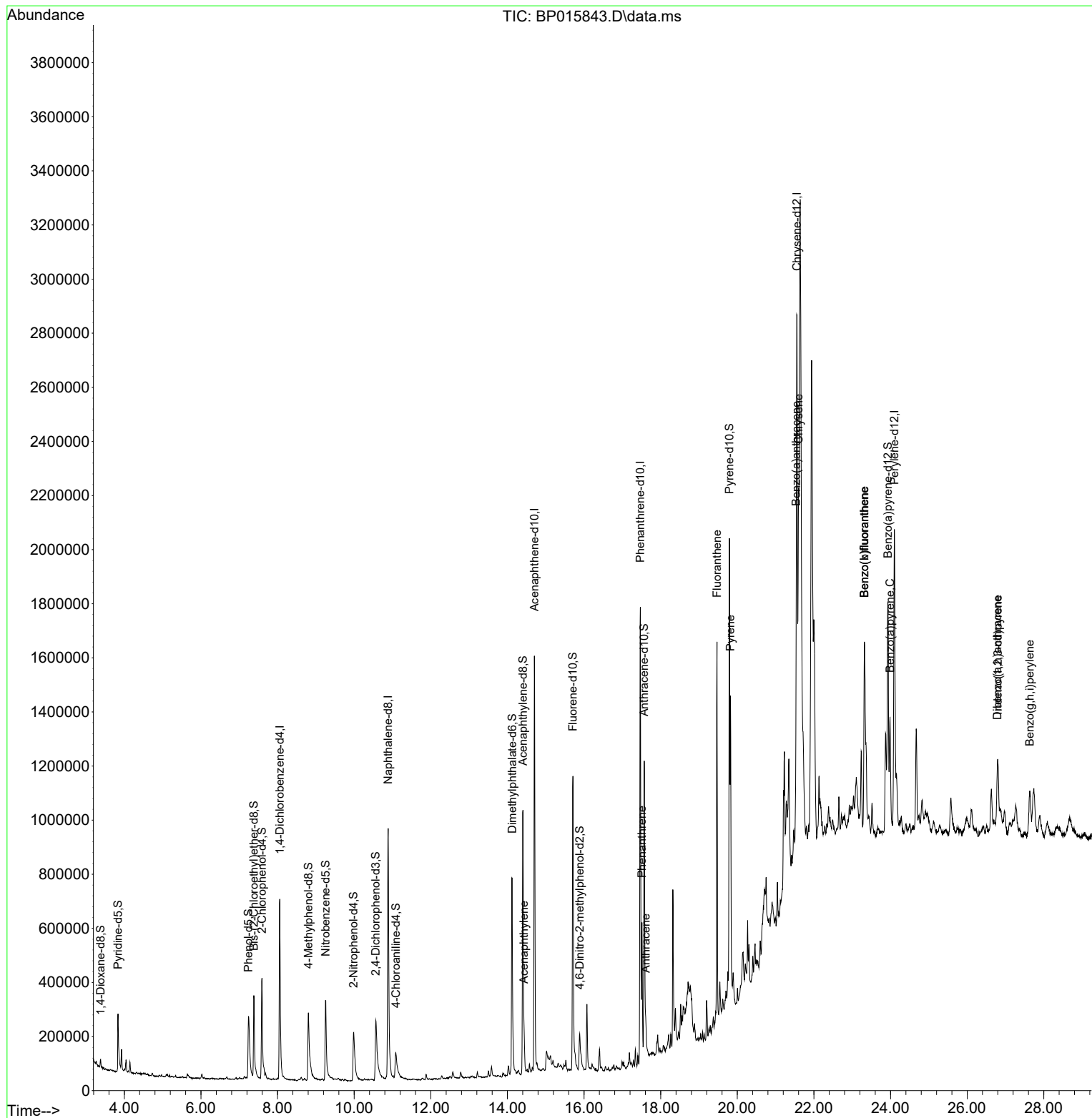
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	222687	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	952184	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	538430	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1068837	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	742555	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	885516	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	16153	2.610	ng/uL	0.00
4) Pyridine-d5	3.834	84	133067	8.529	ng/ul	0.01
7) Phenol-d5	7.240	99	252472	13.251	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	176520	14.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	217206	15.102	ng/ul	0.01
15) 4-Methylphenol-d8	8.804	113	175735	11.675	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	96824	13.306	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	102224	12.036	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.563	165	169524	11.201	ng/ul	0.05
31) 4-Chloroaniline-d4	11.087	131	117363	6.037	ng/ul	0.05
46) Dimethylphthalate-d6	14.122	166	617464	14.837	ng/ul	0.01
49) Acenaphthylene-d8	14.404	160	705032	15.070	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	146	0.027	ng/ul	0.00
60) Fluorene-d10	15.710	176	508109	14.828	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.886	200	46511	7.076	ng/ul	0.03
73) Anthracene-d10	17.569	188	739585	15.148	ng/ul	0.00
81) Pyrene-d10	19.792	212	793145	16.358	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	702948	15.737	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.434	152	83550	1.621	ng/ul	97
72) Phenanthrene	17.510	178	301791	5.197	ng/ul	99
74) Anthracene	17.610	178	74944	1.284	ng/ul	97
80) Fluoranthene	19.469	202	805858	13.373	ng/ul#	93
82) Pyrene	19.822	202	627838	10.214	ng/ul#	88
85) Benzo(a)anthracene	21.539	228	344353	6.592	ng/ul	96
87) Chrysene	21.598	228	359564	7.255	ng/ul	98
90) Benzo(b)fluoranthene	23.315	252	585681	10.293	ng/ul#	93
91) Benzo(k)fluoranthene	23.315	252	585681	10.188	ng/ul#	92
93) Benzo(a)pyrene	23.986	252	355647	7.153	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.798	276	296362	4.391	ng/ul	97
95) Dibenzo(a,h)anthracene	26.786	278	78460	1.415	ng/ul#	81
96) Benzo(g,h,i)perylene	27.633	276	242834	4.374	ng/ul#	93

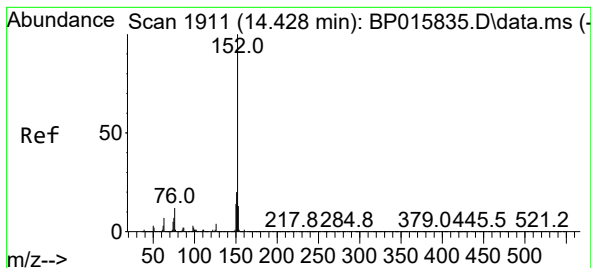
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015843.D
Acq On : 30 Jun 2023 14:32
Operator : MA/JU
Sample : 03161-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jun 30 22:33:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.621 ng/ul

RT: 14.434 min Scan# 1911

Delta R.T. 0.006 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

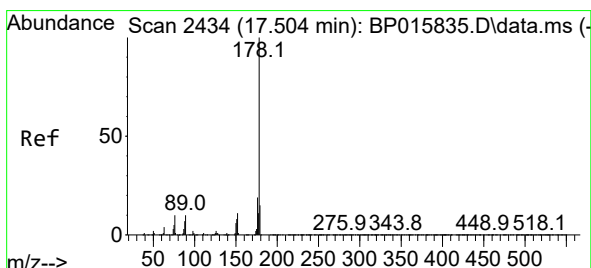
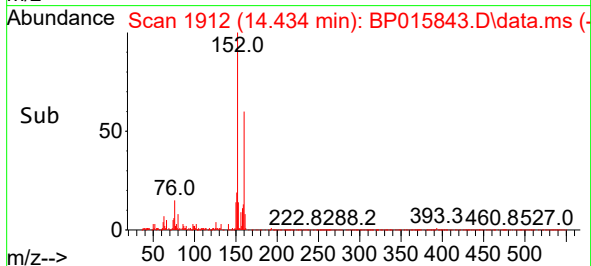
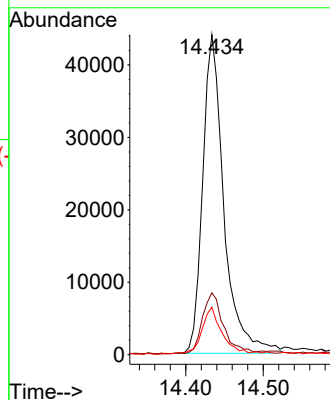
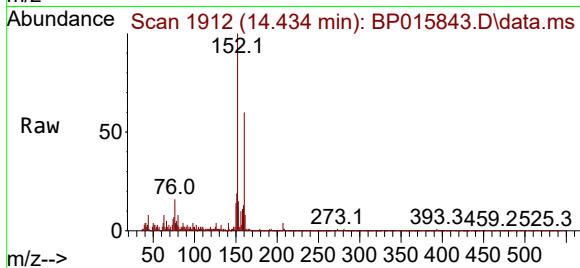
Tgt Ion:152 Resp: 83550

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2

153 14.8 10.5 15.7



#72

Phenanthrene

Concen: 5.197 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

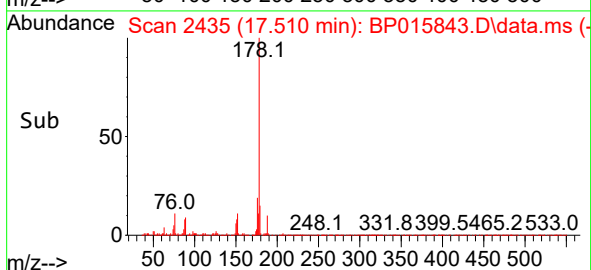
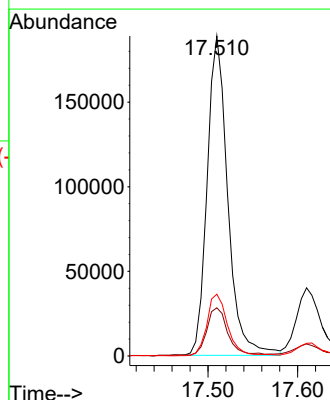
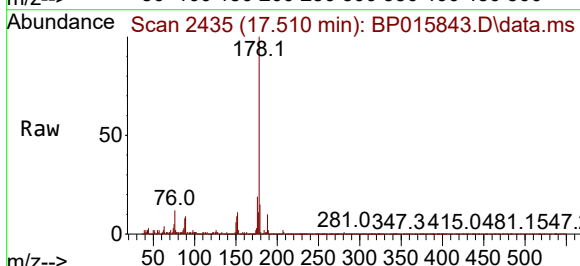
Tgt Ion:178 Resp: 301791

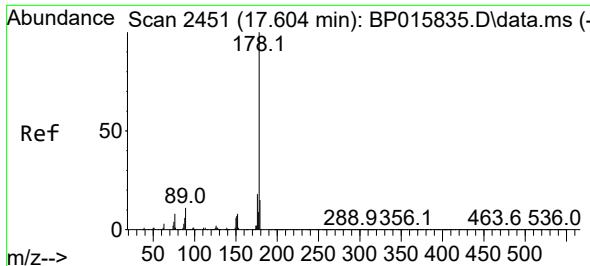
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

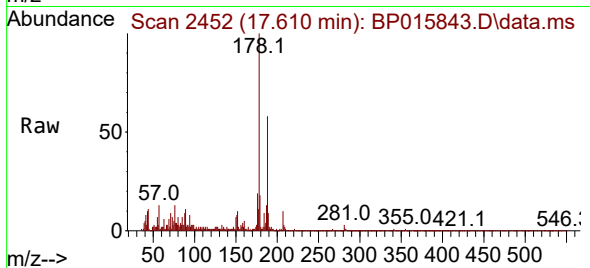
176 19.3 15.6 23.4



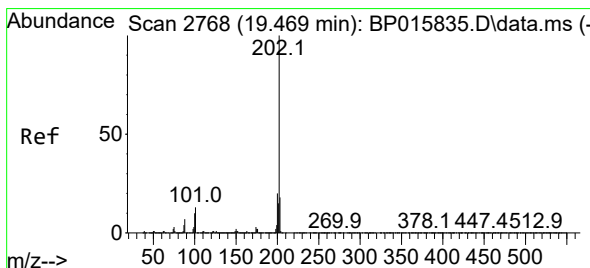
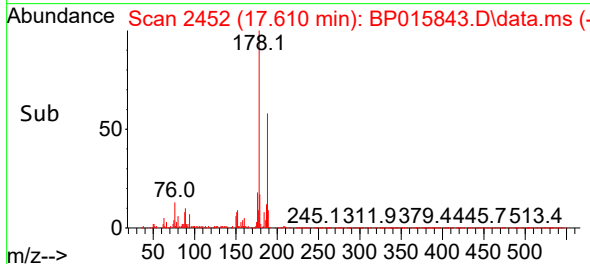
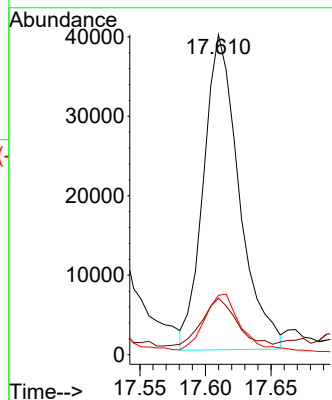


#74
 Anthracene
 Concen: 1.284 ng/ul
 RT: 17.610 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BP015843.D
 Acq: 30 Jun 2023 14:32

Instrument :
 BNA_P
 ClientSampleId :

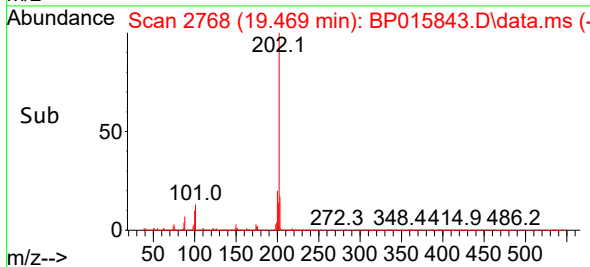
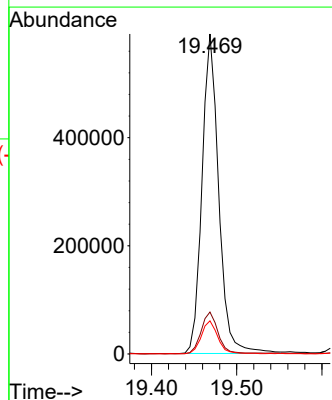
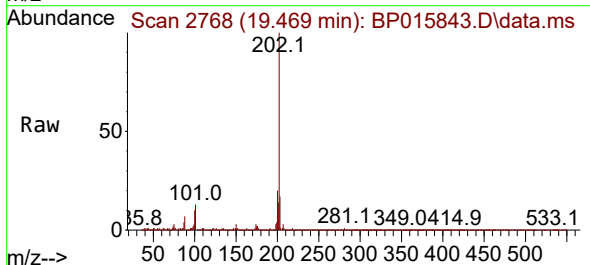


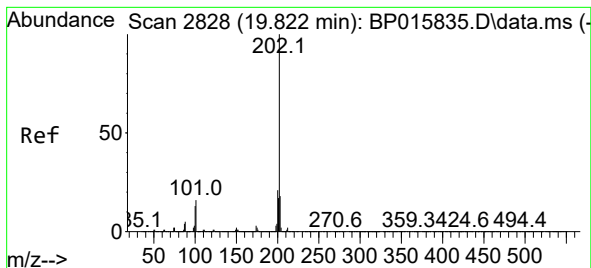
Tgt Ion:178 Resp: 74944
 Ion Ratio Lower Upper
 178 100
 179 17.6 12.1 18.1
 176 18.5 14.6 22.0



#80
 Fluoranthene
 Concen: 13.373 ng/ul
 RT: 19.469 min Scan# 2768
 Delta R.T. 0.000 min
 Lab File: BP015843.D
 Acq: 30 Jun 2023 14:32

Tgt Ion:202 Resp: 805858
 Ion Ratio Lower Upper
 202 100
 101 13.1 8.3 12.5#
 100 10.4 6.6 9.8#





#82

Pyrene

Concen: 10.214 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

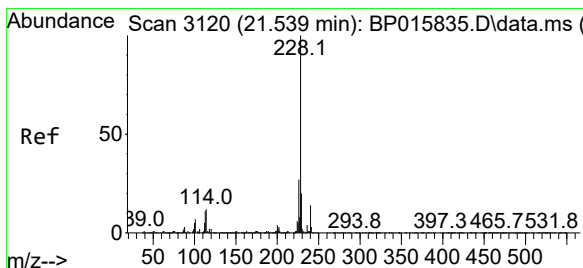
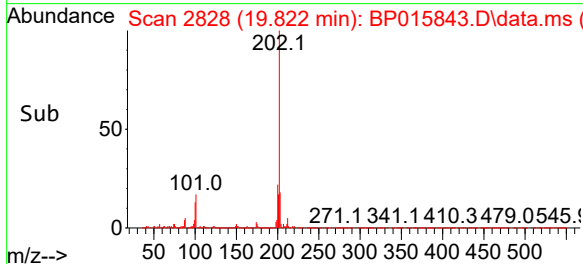
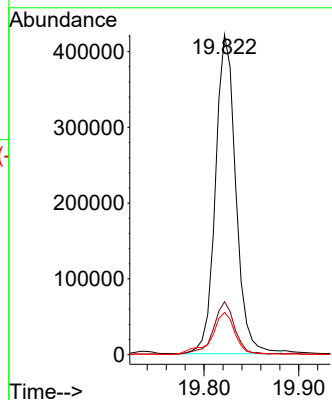
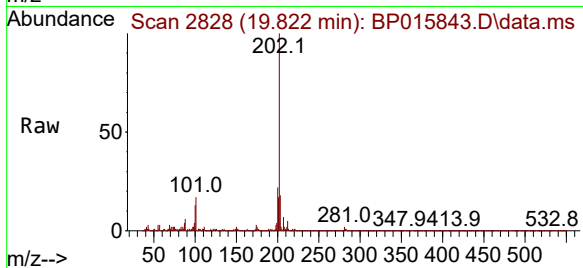
Tgt Ion:202 Resp: 627838

Ion Ratio Lower Upper

202 100

101 16.6 9.3 13.9#

100 13.2 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 6.592 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

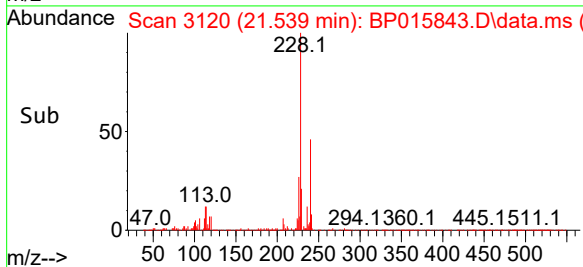
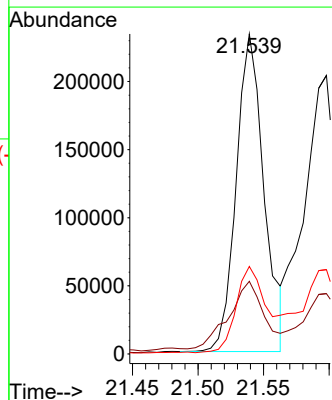
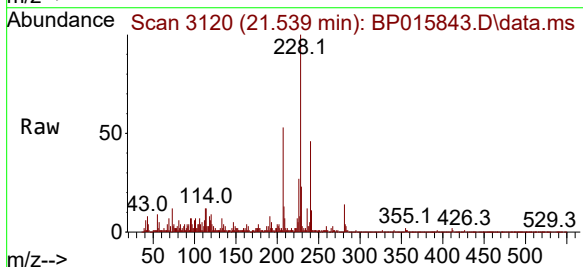
Tgt Ion:228 Resp: 344353

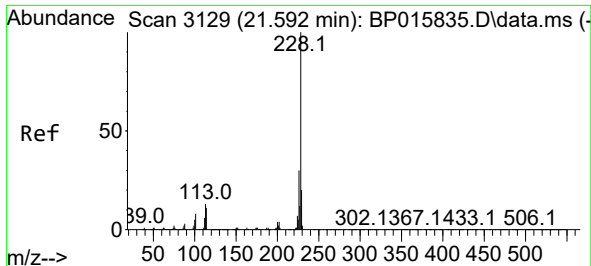
Ion Ratio Lower Upper

228 100

229 22.7 15.3 22.9

226 27.4 21.4 32.0





#87

Chrysene

Concen: 7.255 ng/ul

RT: 21.598 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

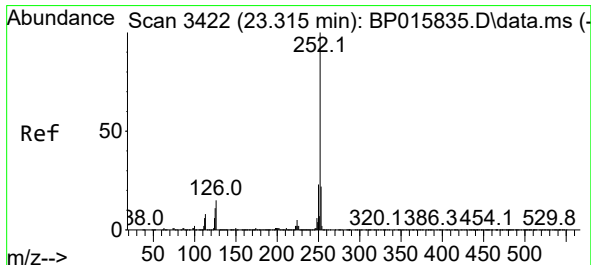
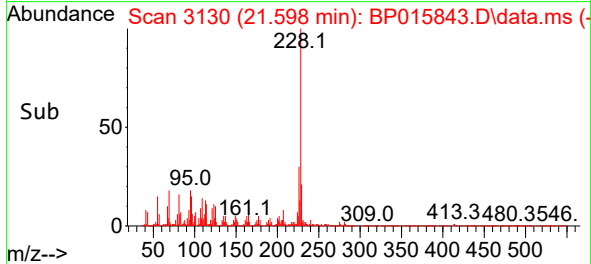
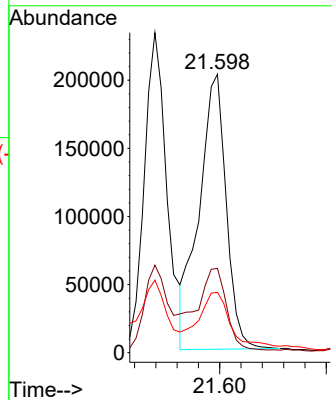
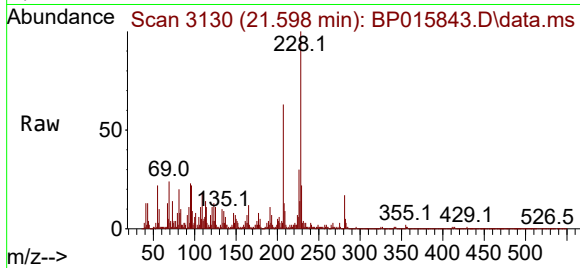
Tgt Ion:228 Resp: 359564

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 21.7 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 10.293 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.000 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

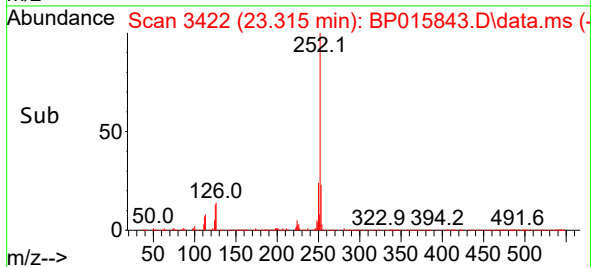
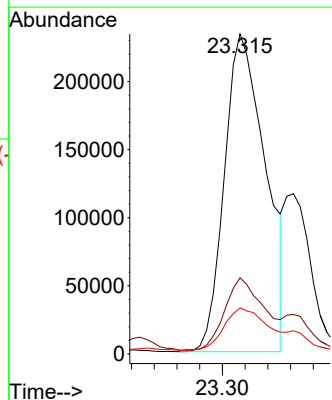
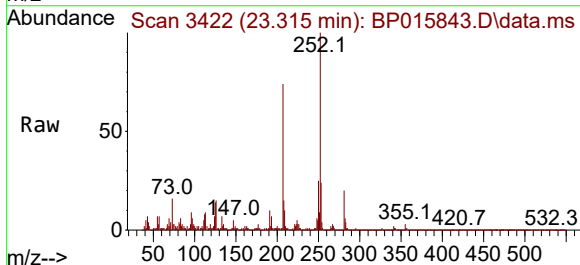
Tgt Ion:252 Resp: 585681

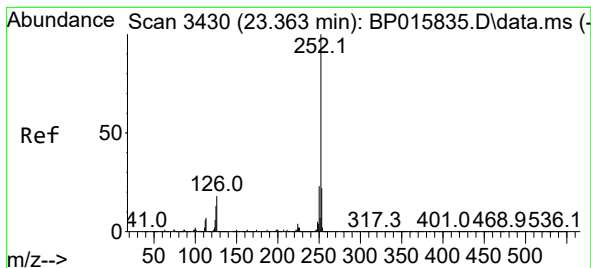
Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

125 14.4 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 10.188 ng/ul

RT: 23.315 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

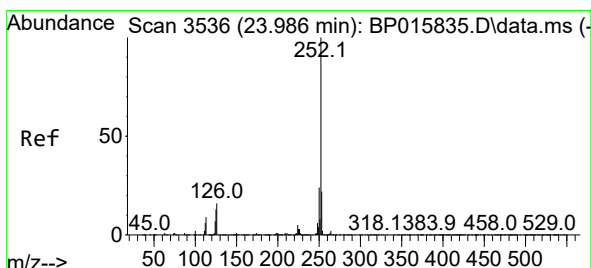
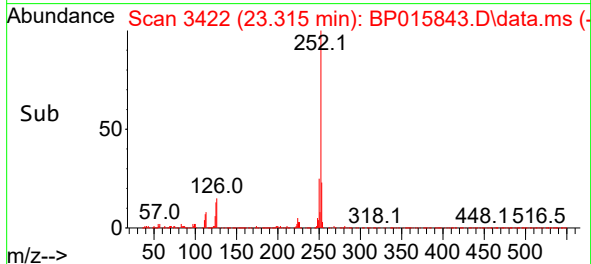
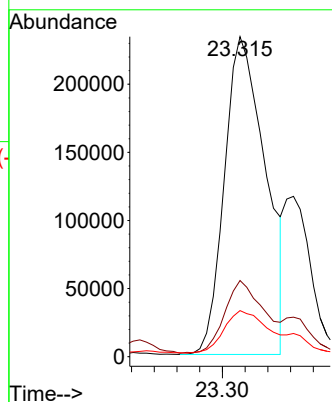
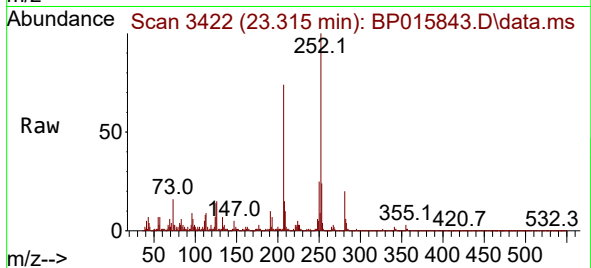
Tgt Ion:252 Resp: 585681

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

125 14.4 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 7.153 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

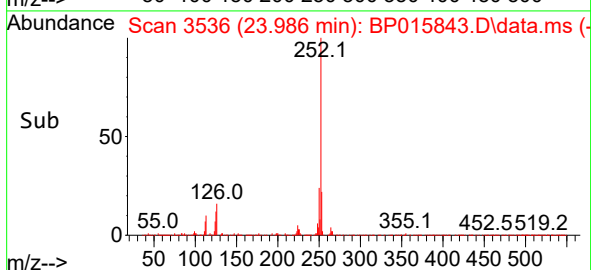
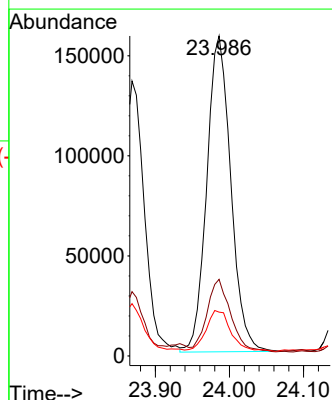
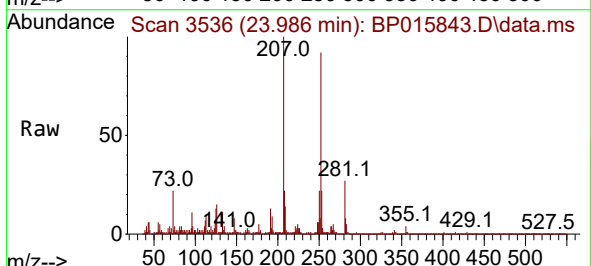
Tgt Ion:252 Resp: 355647

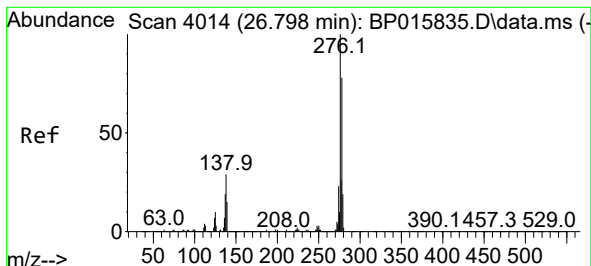
Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 13.7 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.391 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.000 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :

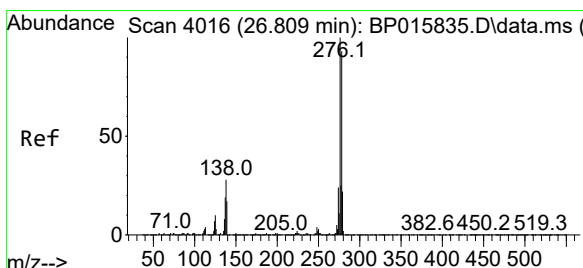
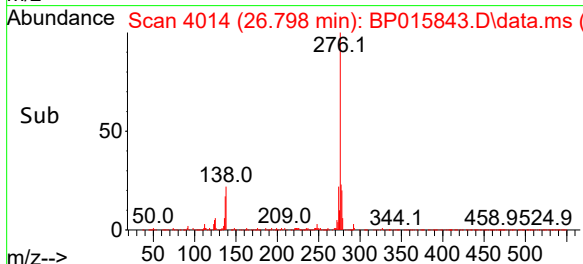
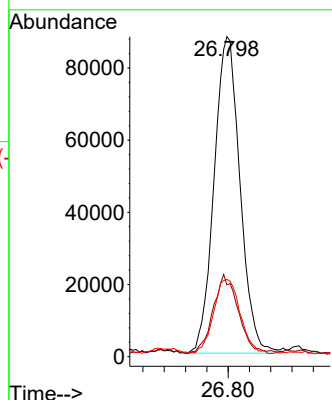
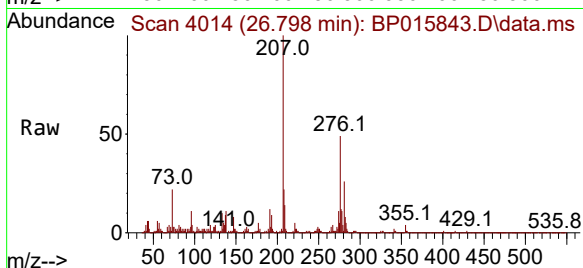
Tgt Ion:276 Resp: 296362

Ion Ratio Lower Upper

276 100

138 22.5 15.7 23.5

277 24.1 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.415 ng/ul

RT: 26.786 min Scan# 4012

Delta R.T. -0.024 min

Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

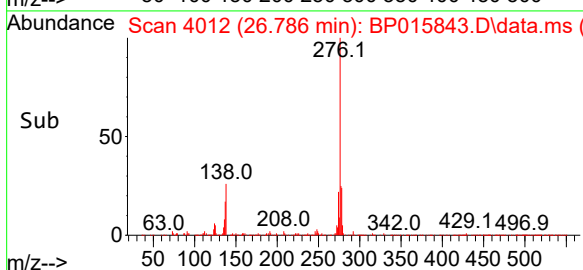
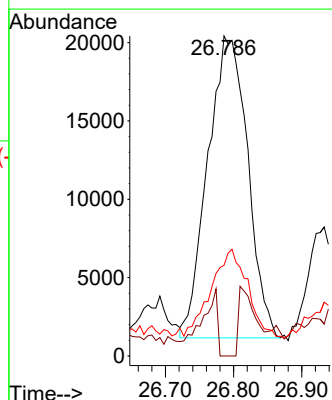
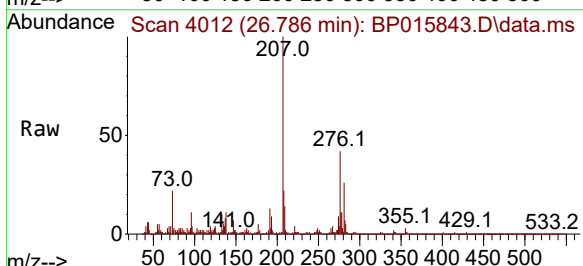
Tgt Ion:278 Resp: 78460

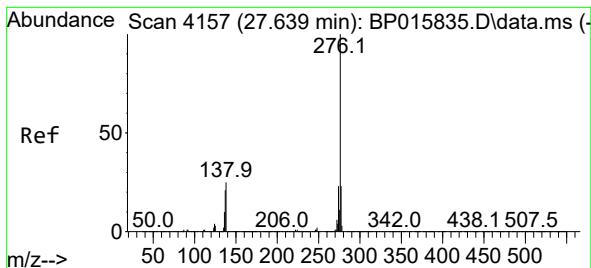
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 28.4 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 4.374 ng/ul

RT: 27.633 min Scan# 41

Delta R.T. -0.006 min

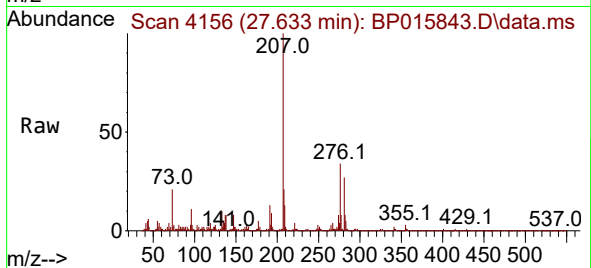
Lab File: BP015843.D

Acq: 30 Jun 2023 14:32

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 242834

Ion Ratio Lower Upper

276 100

138 25.0 15.1 22.7#

277 24.0 18.8 28.2

