

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015845.D
 Acq On : 30 Jun 2023 15:40
 Operator : MA/JU
 Sample : 03161-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:33:32 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)

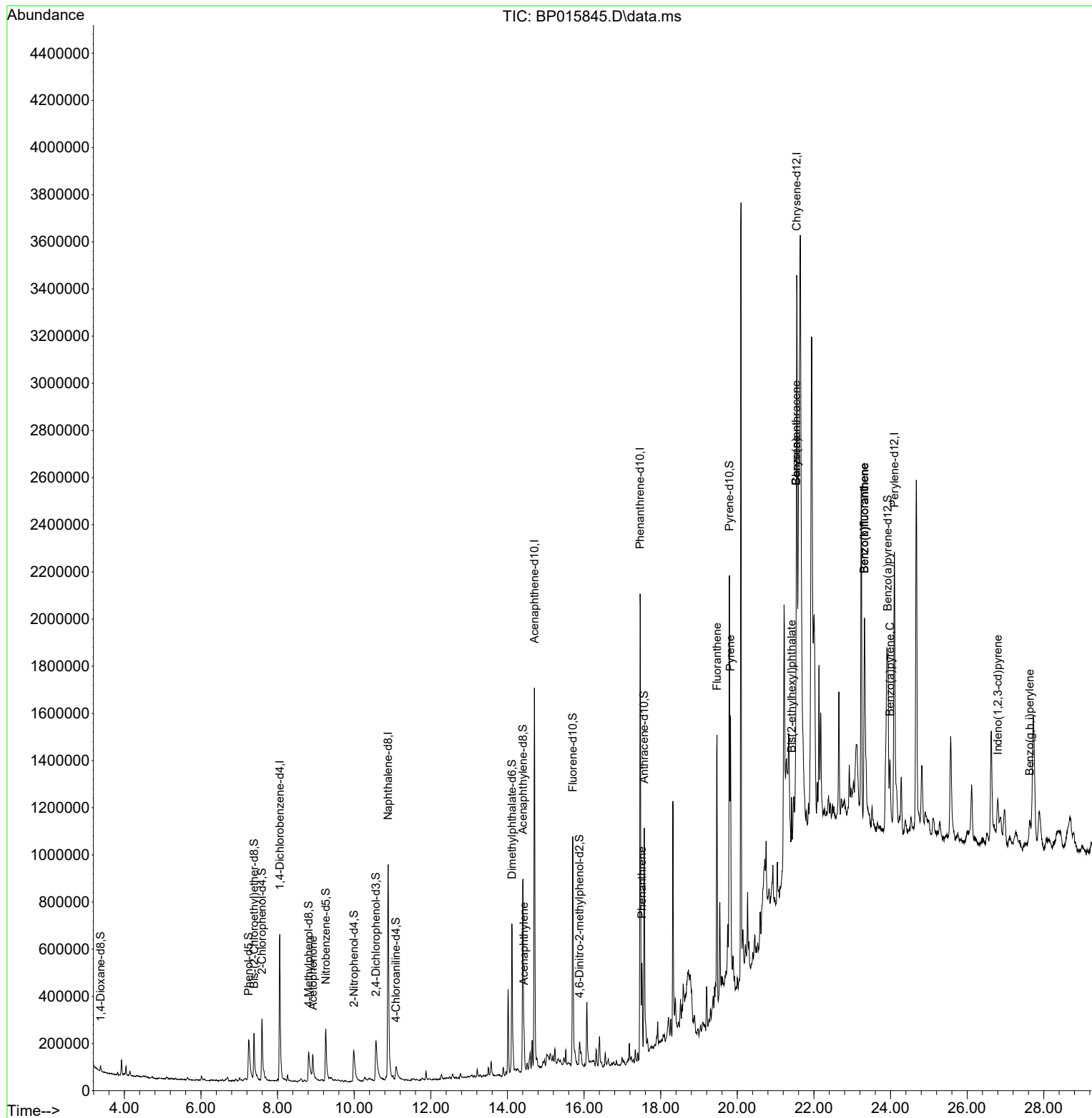
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	207941	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	920849	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	563045	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1223863	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	908327	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	892673	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	11092	1.919	ng/uL	0.00
4) Pyridine-d5	3.834	84	661	0.045	ng/ul	0.01
7) Phenol-d5	7.246	99	178170	10.014	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	126632	11.504	ng/ul	0.01
11) 2-Chlorophenol-d4	7.593	132	149709	11.147	ng/ul	0.01
15) 4-Methylphenol-d8	8.810	113	96724	6.882	ng/ul	0.03
21) Nitrobenzene-d5	9.257	128	70729	10.050	ng/ul	0.02
24) 2-Nitrophenol-d4	9.993	143	79023	9.621	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.569	165	125200	8.554	ng/ul	0.05
31) 4-Chloroaniline-d4	11.093	131	64335	3.422	ng/ul	0.06
46) Dimethylphthalate-d6	14.116	166	491436	11.292	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	566051	11.571	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	237	0.041	ng/ul	-0.01
60) Fluorene-d10	15.704	176	426127	11.892	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	31140	4.137	ng/ul	0.02
73) Anthracene-d10	17.569	188	642367	11.491	ng/ul	0.00
81) Pyrene-d10	19.792	212	763964	12.880	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	529858	11.767	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.922	105	76161	3.296	ng/ul	98
50) Acenaphthylene	14.434	152	94494	1.753	ng/ul	96
72) Phenanthrene	17.510	178	225733	3.395	ng/ul	100
80) Fluoranthene	19.469	202	678622	9.206	ng/ul#	93
82) Pyrene	19.822	202	561913	7.473	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	290568	4.547	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	67619	1.604	ng/ul	98
87) Chrysene	21.539	228	288560	4.760	ng/ul	95
90) Benzo(b)fluoranthene	23.316	252	416155	7.255	ng/ul#	92
91) Benzo(k)fluoranthene	23.316	252	416155	7.181	ng/ul#	91
93) Benzo(a)pyrene	23.986	252	241537	4.819	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.798	276	195458	2.873	ng/ul#	93
96) Benzo(g,h,i)perylene	27.633	276	161914	2.893	ng/ul#	93

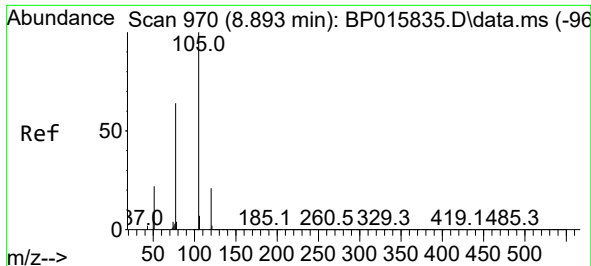
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015845.D
Acq On : 30 Jun 2023 15:40
Operator : MA/JU
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Instrument :
BNA_P
ClientSampleId :

Quant Time: Jun 30 22:33:32 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

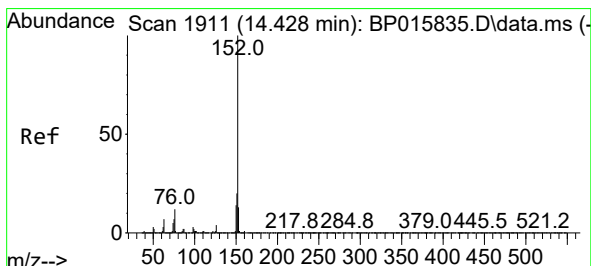
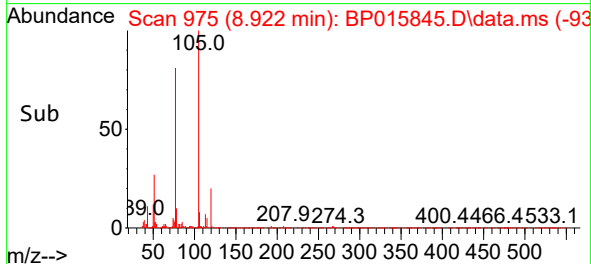
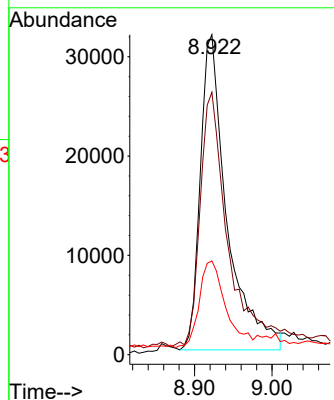
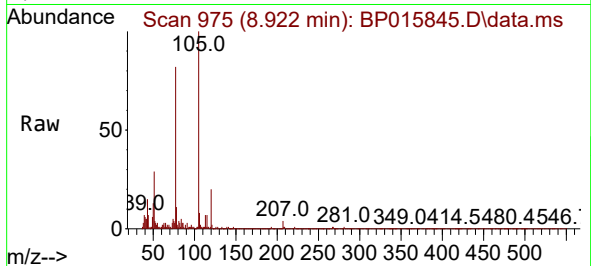




#16
Acetophenone
Concen: 3.296 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.029 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

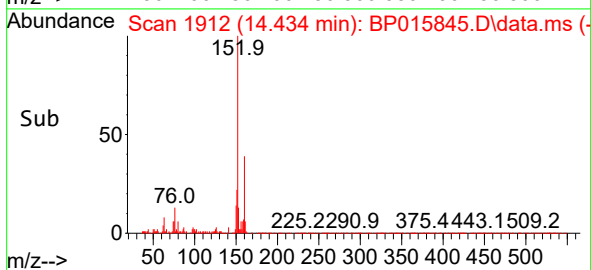
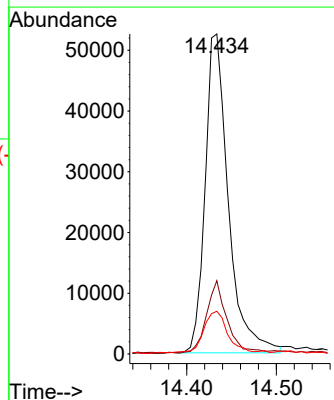
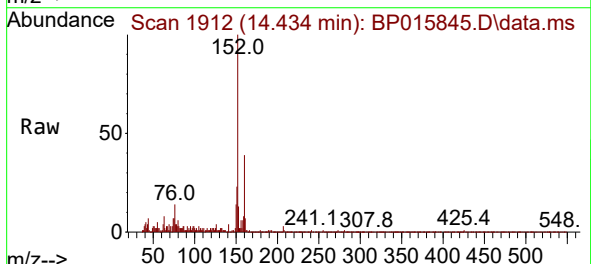
Instrument :
BNA_P
ClientSampleId :

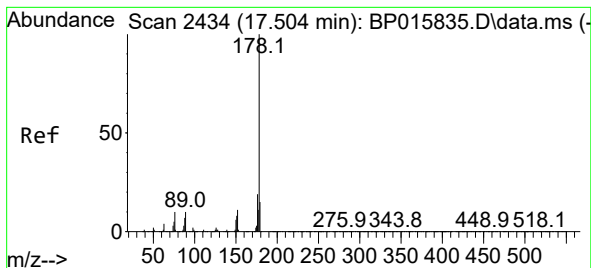
Tgt Ion:105 Resp: 76161
Ion Ratio Lower Upper
105 100
77 82.0 65.0 97.4
51 29.3 25.1 37.7



#50
Acenaphthylene
Concen: 1.753 ng/ul
RT: 14.434 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BP015845.D
Acq: 30 Jun 2023 15:40

Tgt Ion:152 Resp: 94494
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.2
153 13.3 10.5 15.7





#72

Phenanthrene

Concen: 3.395 ng/ul

RT: 17.510 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

Instrument :

BNA_P

ClientSampleId :

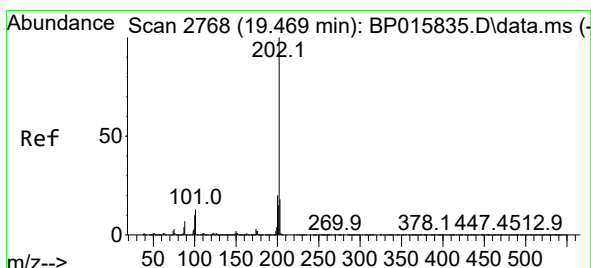
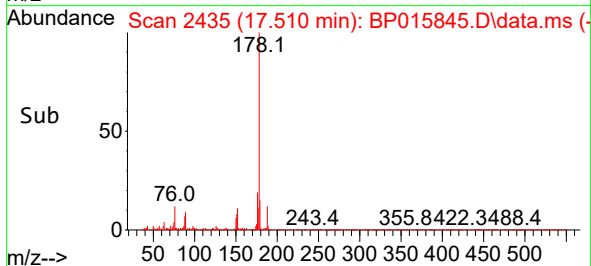
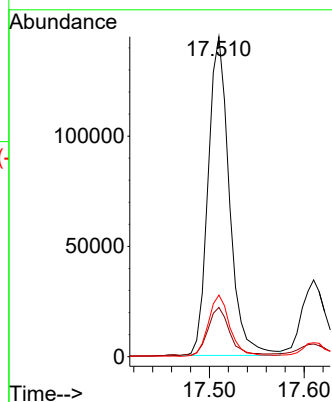
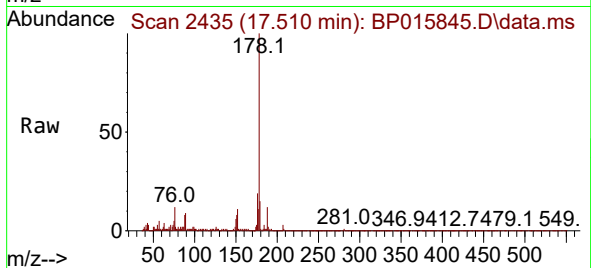
Tgt Ion:178 Resp: 225733

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.2 15.6 23.4



#80

Fluoranthene

Concen: 9.206 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

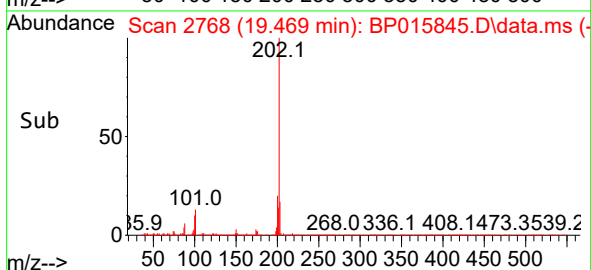
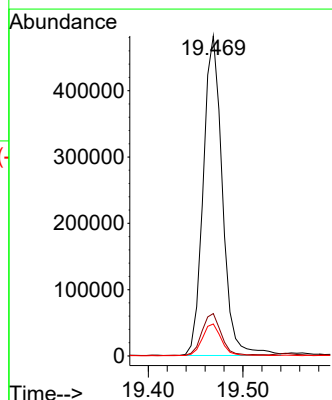
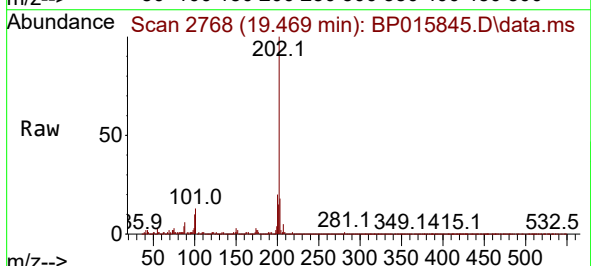
Tgt Ion:202 Resp: 678622

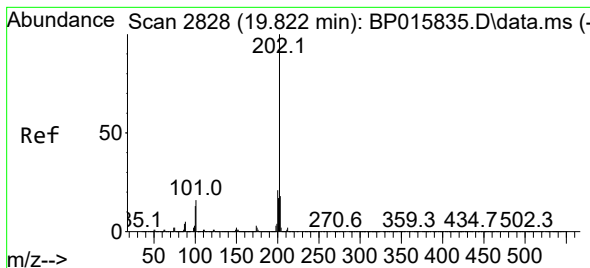
Ion Ratio Lower Upper

202 100

101 13.3 8.3 12.5#

100 10.0 6.6 9.8#





#82

Pyrene

Concen: 7.473 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

Instrument :

BNA_P

ClientSampleId :

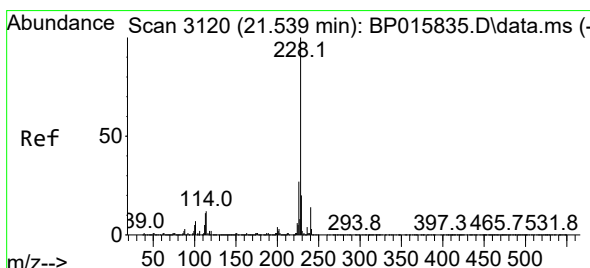
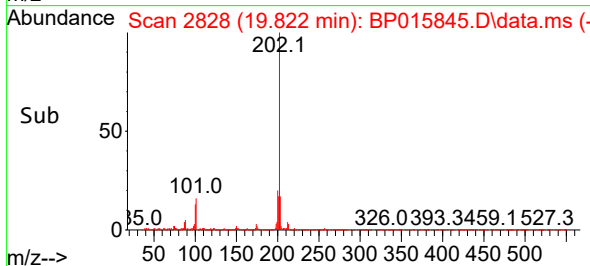
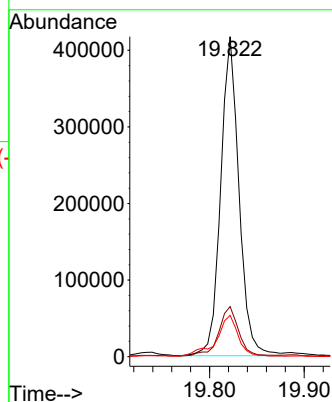
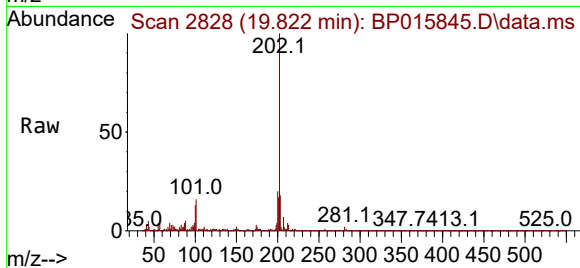
Tgt Ion:202 Resp: 561913

Ion Ratio Lower Upper

202 100

101 15.7 9.3 13.9#

100 12.9 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 4.547 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

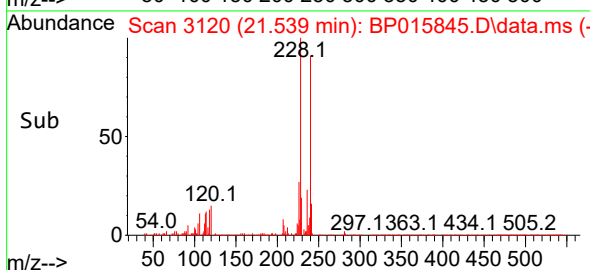
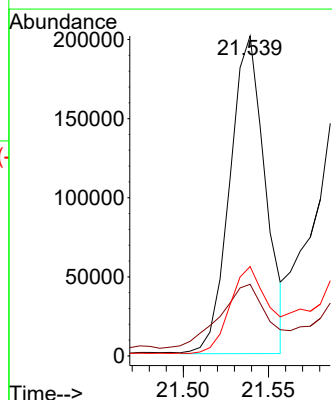
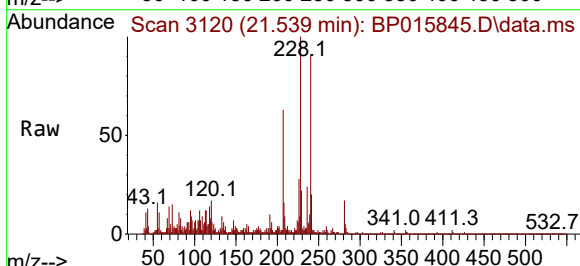
Tgt Ion:228 Resp: 290568

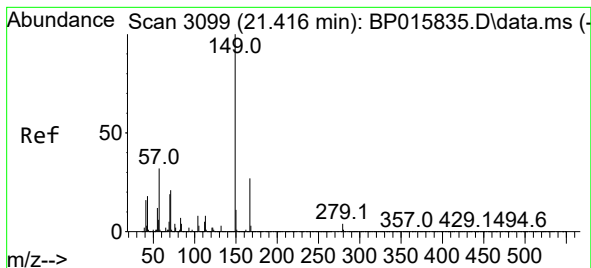
Ion Ratio Lower Upper

228 100

229 22.4 15.3 22.9

226 28.0 21.4 32.0

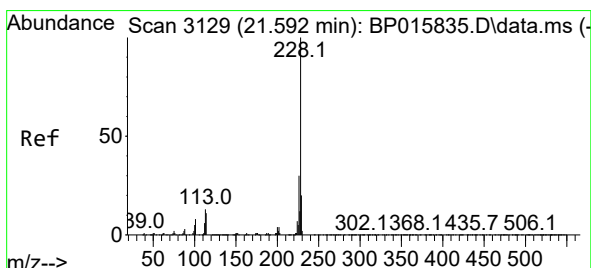
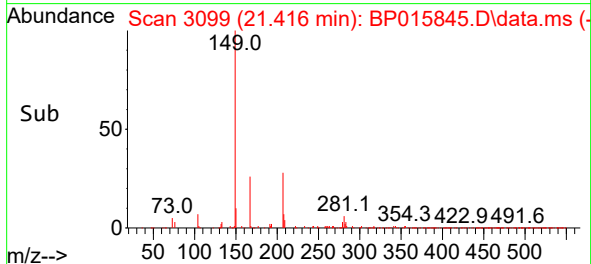
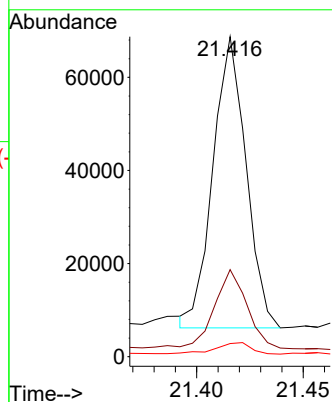
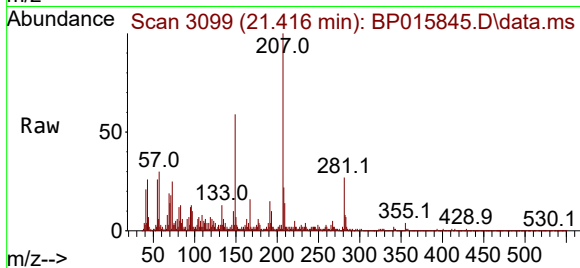




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.604 ng/ul
 RT: 21.416 min Scan# 3099
 Delta R.T. 0.000 min
 Lab File: BP015845.D
 Acq: 30 Jun 2023 15:40

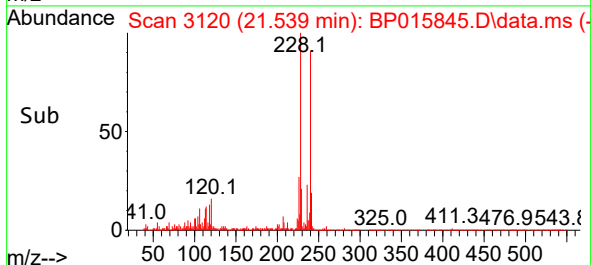
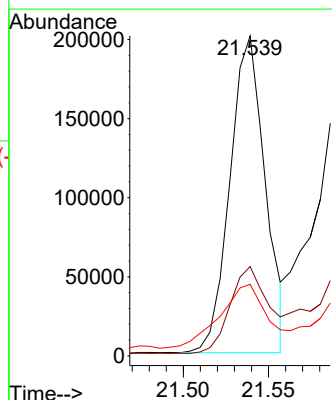
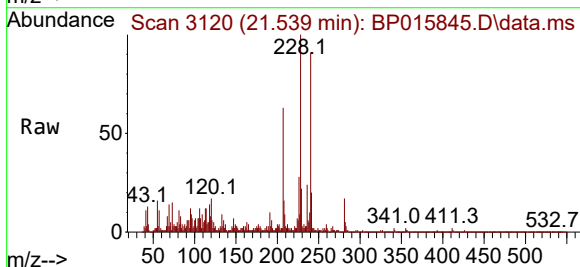
Instrument :
 BNA_P
 ClientSampleId :

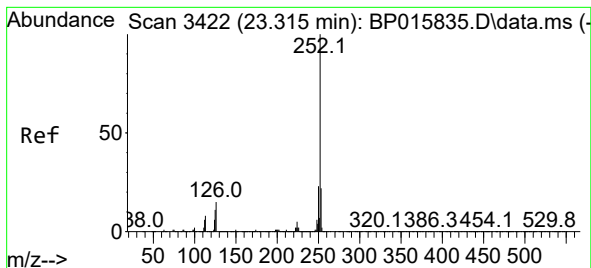
Tgt Ion:149 Resp: 67619
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.6
 279 4.1 3.8 5.6



#87
 Chrysene
 Concen: 4.760 ng/ul
 RT: 21.539 min Scan# 3120
 Delta R.T. -0.053 min
 Lab File: BP015845.D
 Acq: 30 Jun 2023 15:40

Tgt Ion:228 Resp: 288560
 Ion Ratio Lower Upper
 228 100
 226 28.0 24.3 36.5
 229 22.4 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 7.255 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

Instrument :

BNA_P

ClientSampleId :

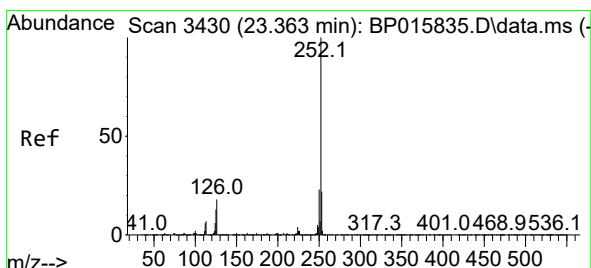
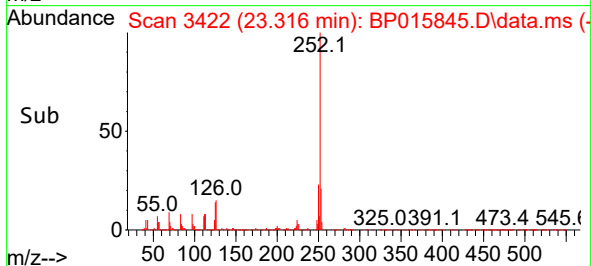
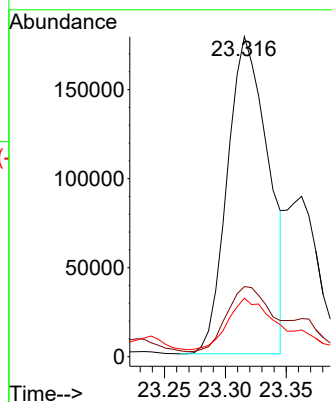
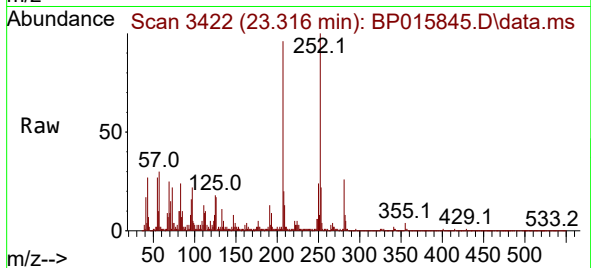
Tgt Ion:252 Resp: 416155

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 18.3 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 7.181 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. -0.047 min

Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

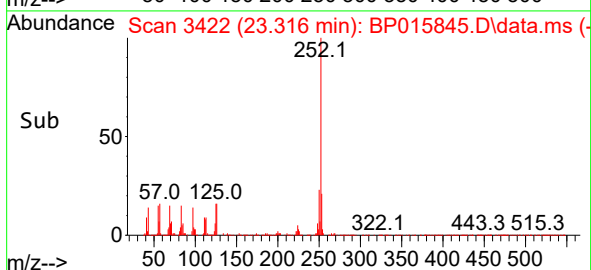
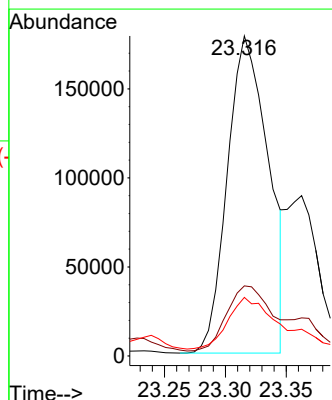
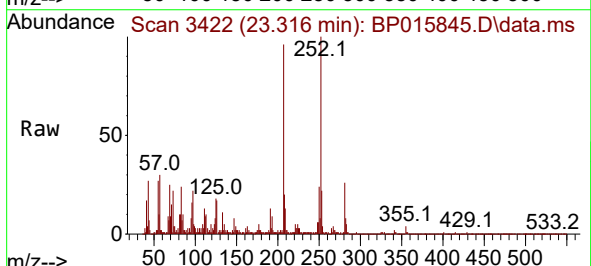
Tgt Ion:252 Resp: 416155

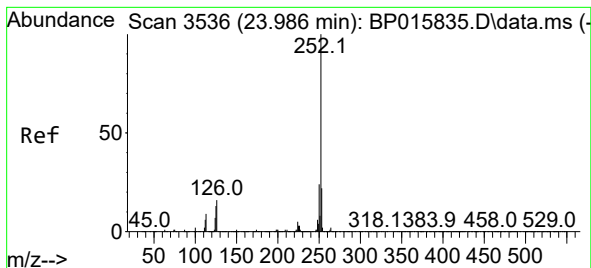
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 18.3 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 4.819 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

Instrument :

BNA_P

ClientSampleId :

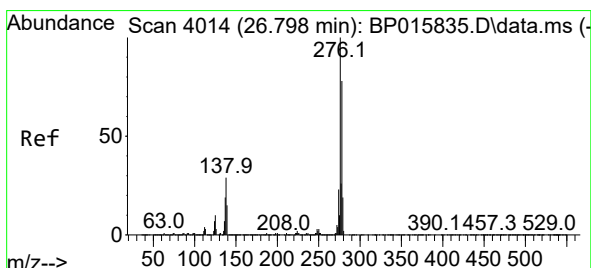
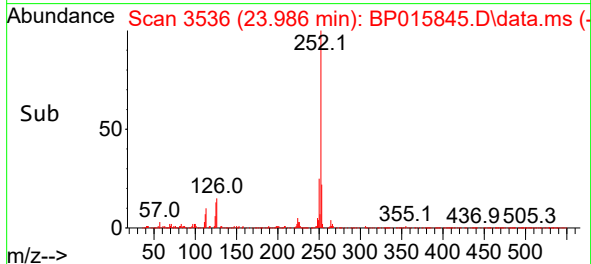
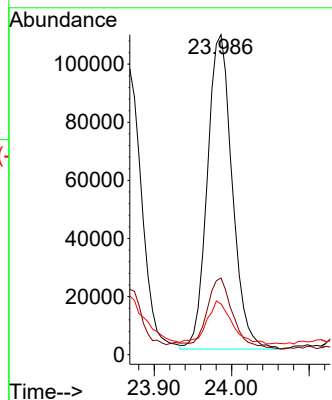
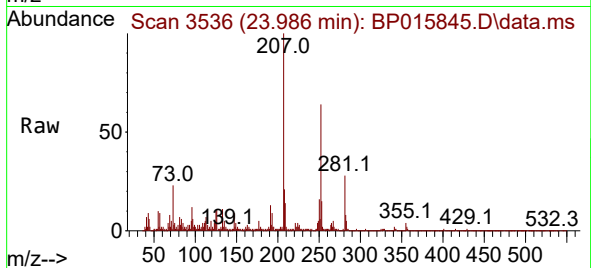
Tgt Ion:252 Resp: 241537

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 15.8 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.873 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

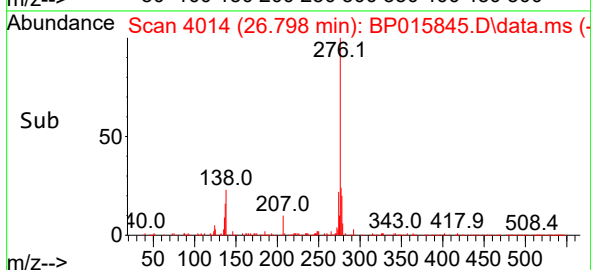
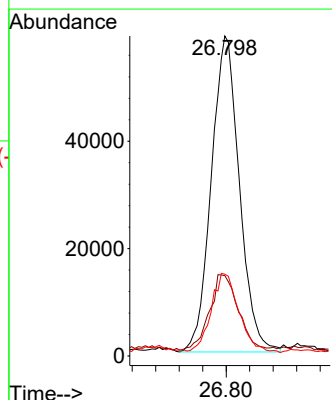
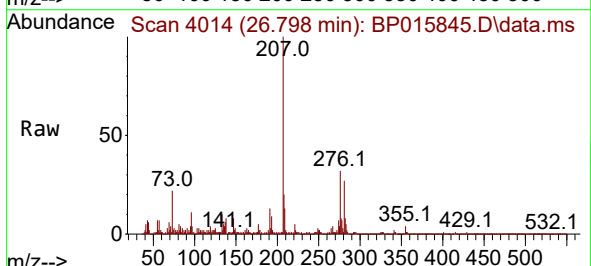
Tgt Ion:276 Resp: 195458

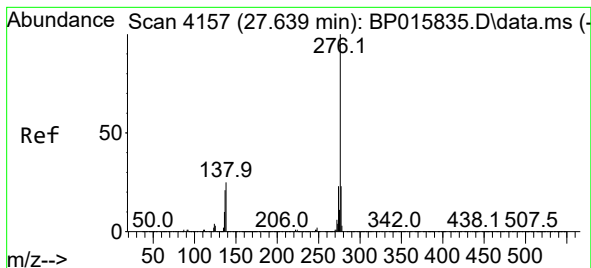
Ion Ratio Lower Upper

276 100

138 25.1 15.7 23.5#

277 25.6 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 2.893 ng/ul

RT: 27.633 min Scan# 41

Delta R.T. -0.006 min

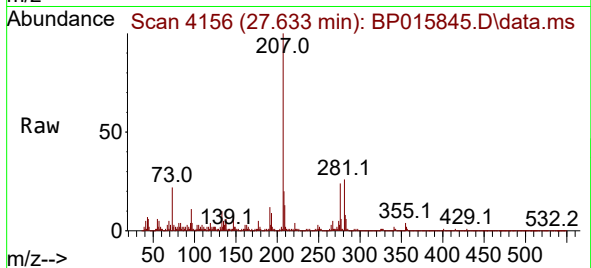
Lab File: BP015845.D

Acq: 30 Jun 2023 15:40

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 161914

Ion Ratio Lower Upper

276 100

138 25.2 15.1 22.7#

277 24.6 18.8 28.2

