

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015848.D
 Acq On : 30 Jun 2023 17:23
 Operator : MA/JU
 Sample : 03161-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:34:13 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

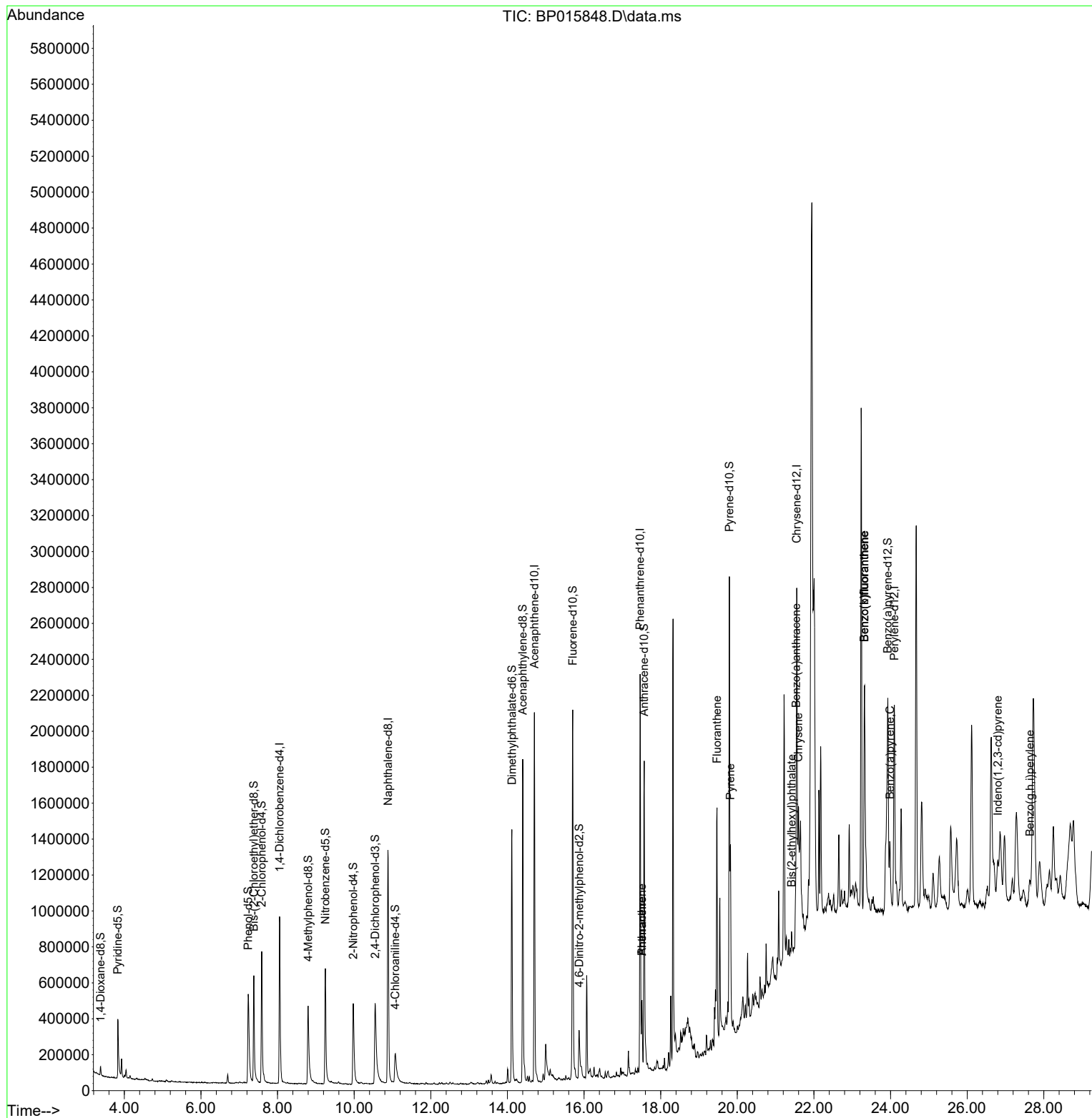
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	285359	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1237080	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	705199	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1325579	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	825916	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	924089	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	24672	3.111	ng/uL	0.00
4) Pyridine-d5	3.828	84	195393	9.773	ng/ul	0.00
7) Phenol-d5	7.234	99	448370	18.364	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	320538	21.220	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	372967	20.236	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	258456	13.400	ng/ul	0.02
21) Nitrobenzene-d5	9.246	128	182736	19.329	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	199377	18.069	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.546	165	313031	15.920	ng/ul	0.03
31) 4-Chloroaniline-d4	11.069	131	194237	7.690	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	1083263	19.874	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1214995	19.829	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	118	0.016	ng/ul	-0.04
60) Fluorene-d10	15.704	176	880437	19.617	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	86663	10.631	ng/ul	0.02
73) Anthracene-d10	17.569	188	1123439	18.554	ng/ul	0.00
81) Pyrene-d10	19.792	212	1189045	22.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	936107	20.082	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	211727	2.940	ng/ul	100
74) Anthracene	17.510	178	213005	2.944	ng/ul	98
80) Fluoranthene	19.469	202	715544	10.676	ng/ul#	93
82) Pyrene	19.822	202	569356	8.328	ng/ul#	91
85) Benzo(a)anthracene	21.539	228	261268	4.497	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	42039	1.097	ng/ul	97
87) Chrysene	21.592	228	323412	5.867	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	493672	8.314	ng/ul#	88
91) Benzo(k)fluoranthene	23.316	252	493672	8.229	ng/ul#	88
93) Benzo(a)pyrene	23.986	252	293742	5.662	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.798	276	257508	3.656	ng/ul#	93
96) Benzo(g,h,i)perylene	27.639	276	227721	3.930	ng/ul#	92

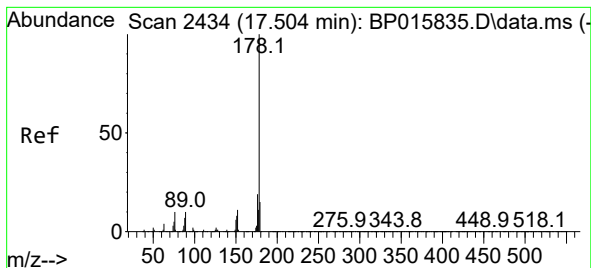
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.940 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

Instrument :

BNA_P

ClientSampleId :

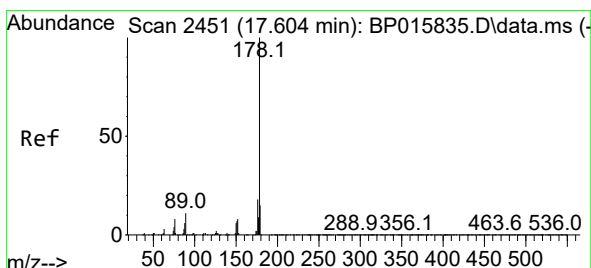
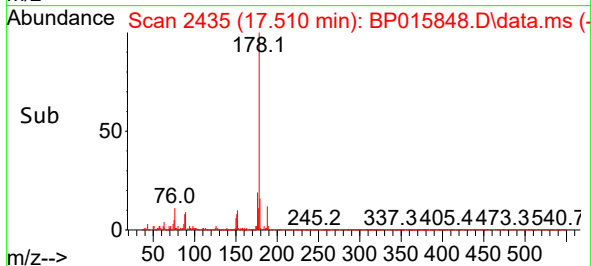
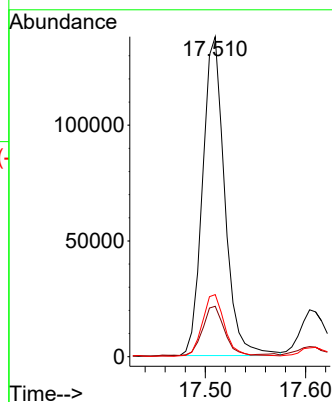
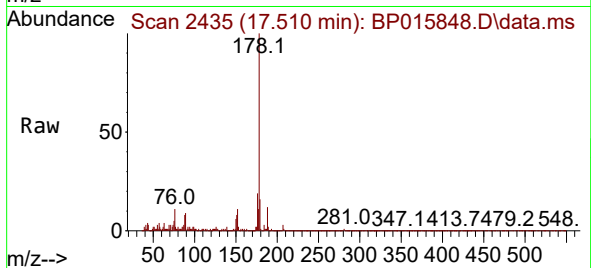
Tgt Ion:178 Resp: 211727

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.4 15.6 23.4



#74

Anthracene

Concen: 2.944 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.094 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

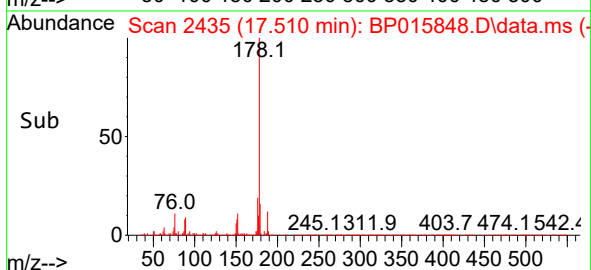
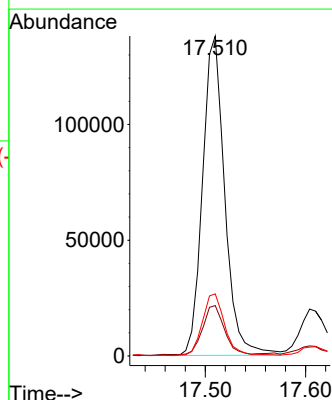
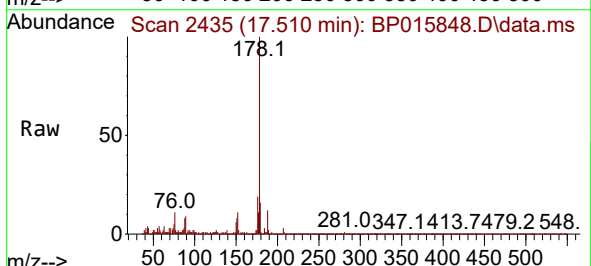
Tgt Ion:178 Resp: 213005

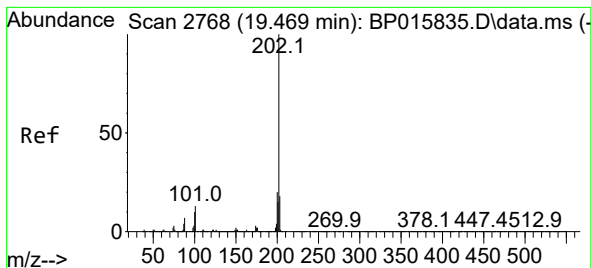
Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 19.4 14.6 22.0





#80

Fluoranthene

Concen: 10.676 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

Instrument :

BNA_P

ClientSampleId :

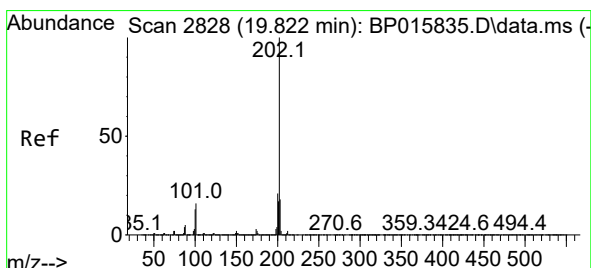
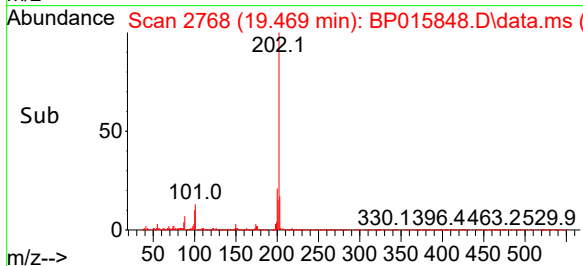
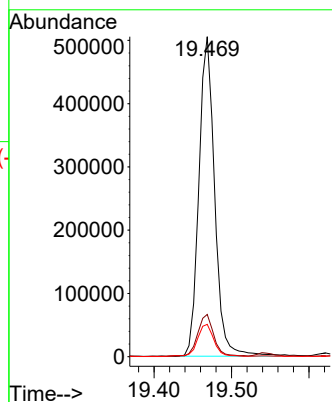
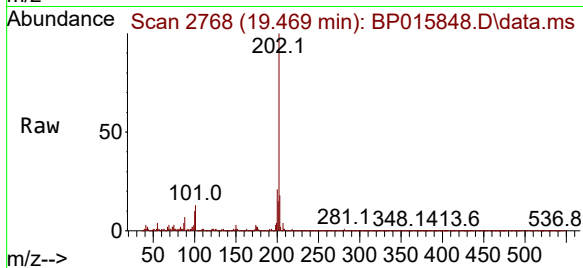
Tgt Ion:202 Resp: 715544

Ion Ratio Lower Upper

202 100

101 13.2 8.3 12.5#

100 10.1 6.6 9.8#



#82

Pyrene

Concen: 8.328 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

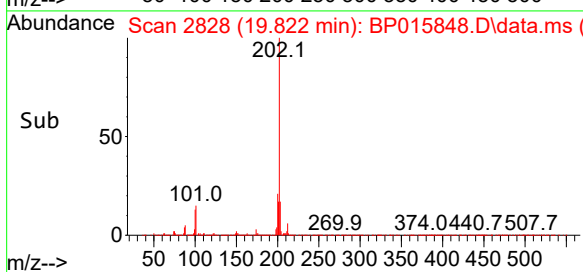
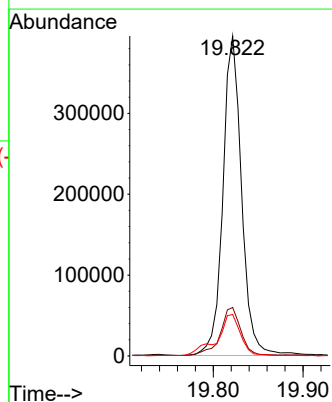
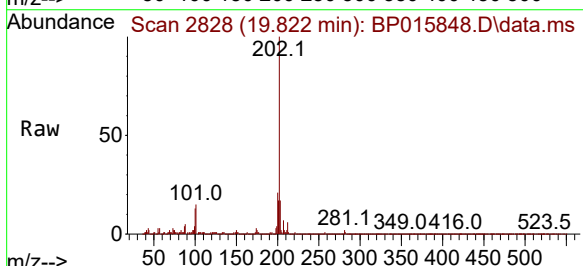
Tgt Ion:202 Resp: 569356

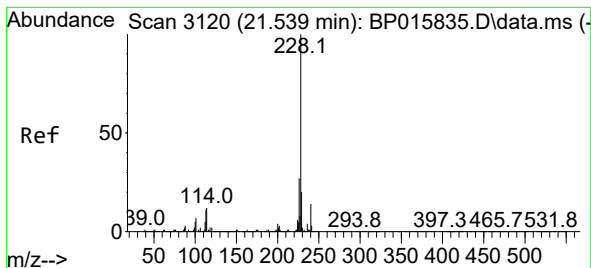
Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9#

100 12.9 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 4.497 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

Instrument :

BNA_P

ClientSampleId :

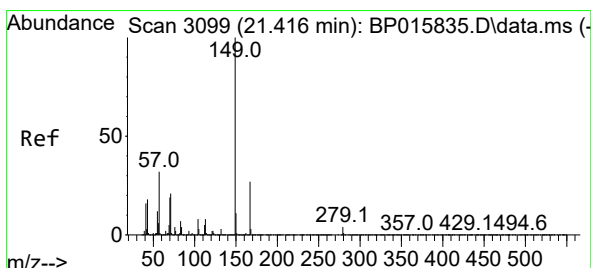
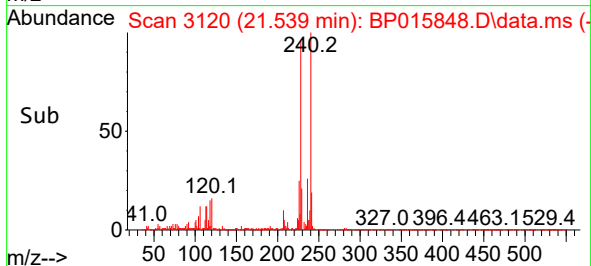
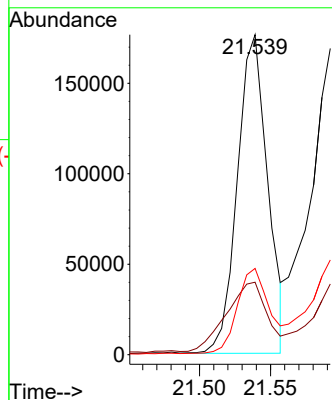
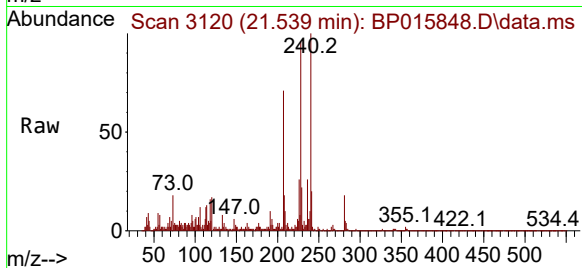
Tgt Ion:228 Resp: 261268

Ion Ratio Lower Upper

228 100

229 22.7 15.3 22.9

226 27.0 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.097 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

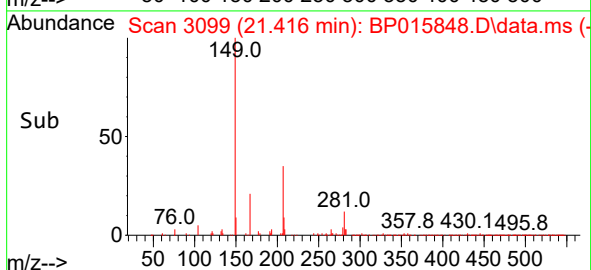
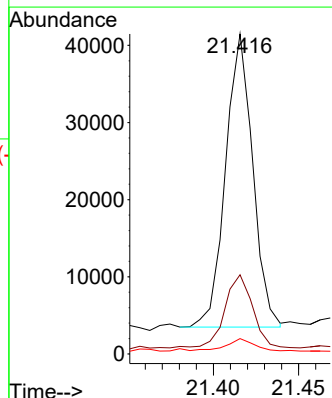
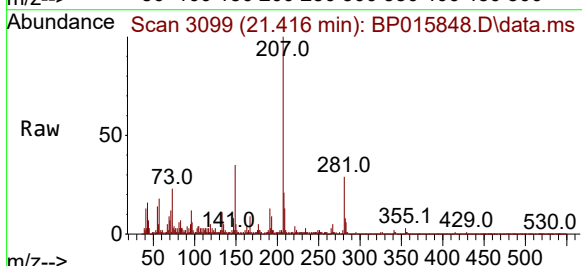
Tgt Ion:149 Resp: 42039

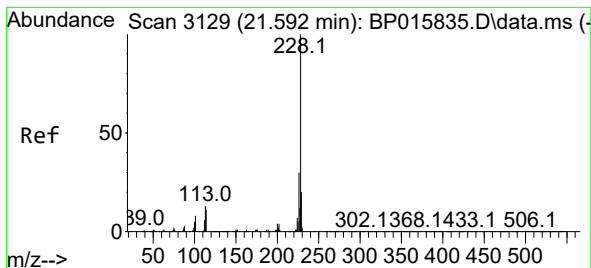
Ion Ratio Lower Upper

149 100

167 24.8 21.0 31.6

279 4.8 3.8 5.6





#87

Chrysene

Concen: 5.867 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

Instrument :

BNA_P

ClientSampleId :

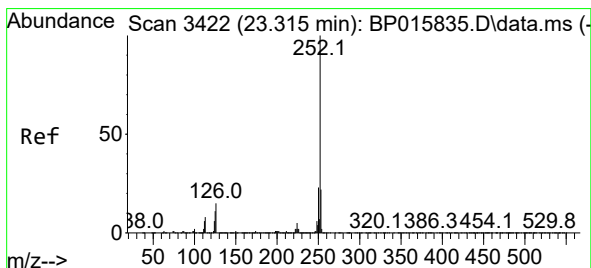
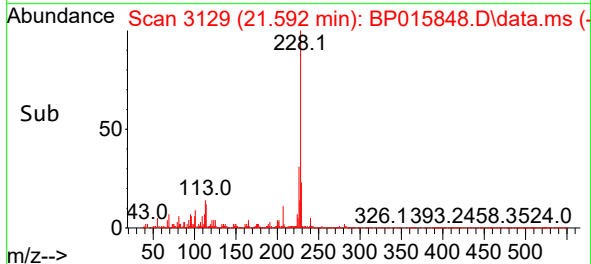
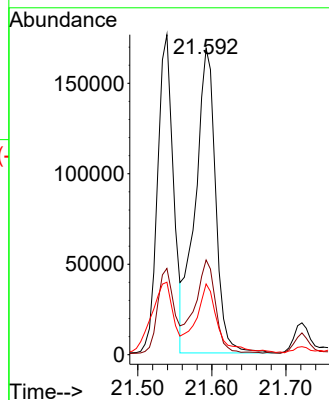
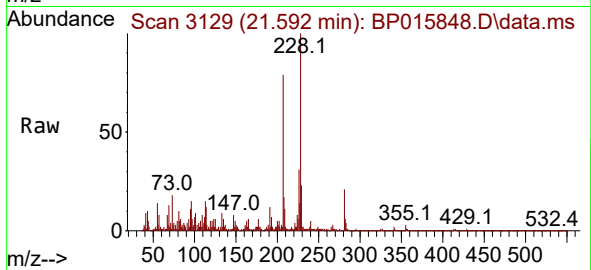
Tgt Ion:228 Resp: 323412

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 23.1 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 8.314 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

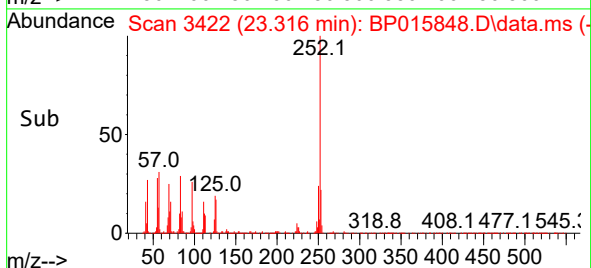
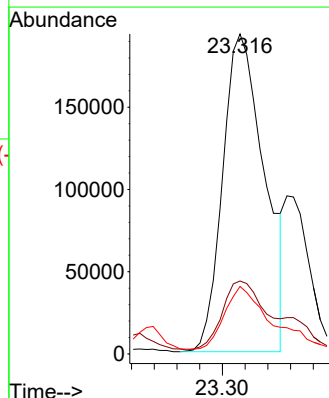
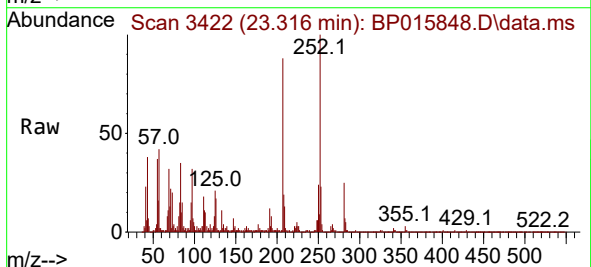
Tgt Ion:252 Resp: 493672

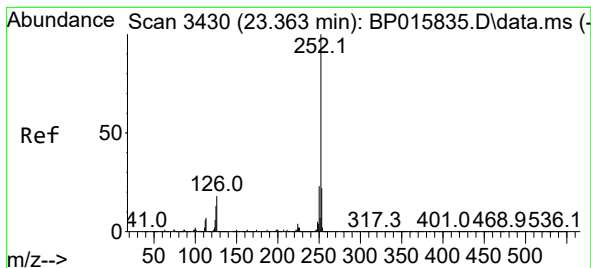
Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 21.1 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 8.229 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

Instrument :

BNA_P

ClientSampleId :

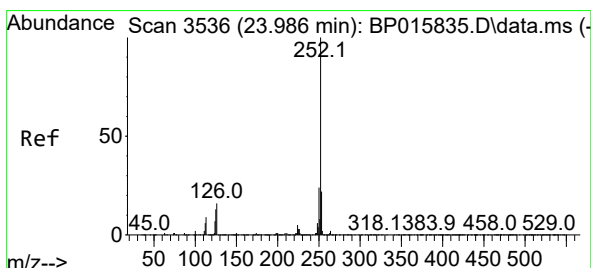
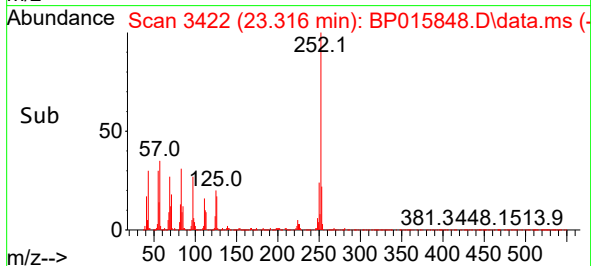
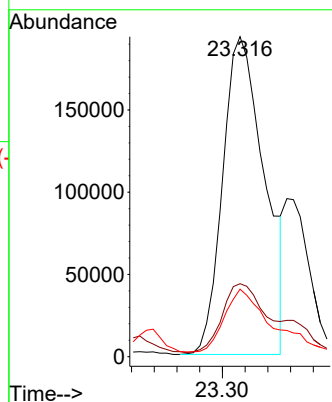
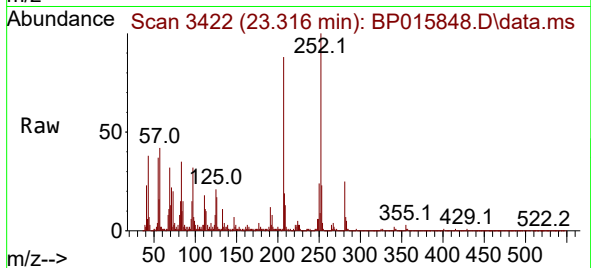
Tgt Ion:252 Resp: 493672

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

125 21.1 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 5.662 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

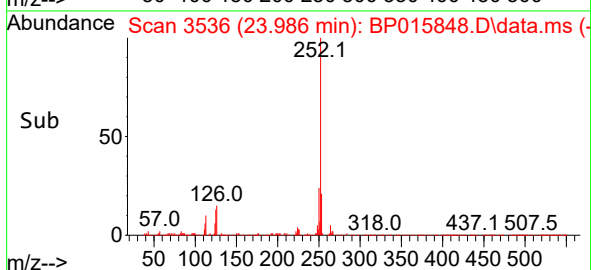
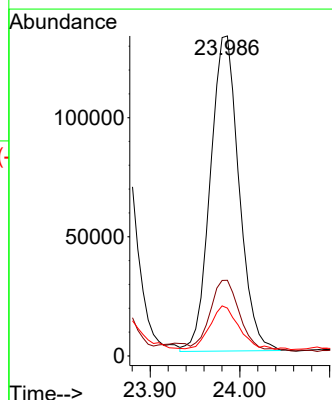
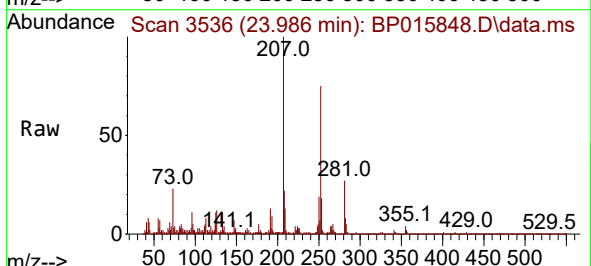
Tgt Ion:252 Resp: 293742

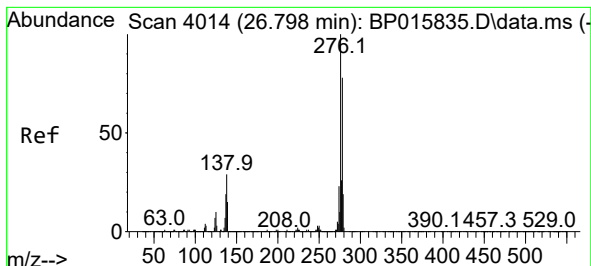
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 15.0 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.656 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

Instrument :

BNA_P

ClientSampleId :

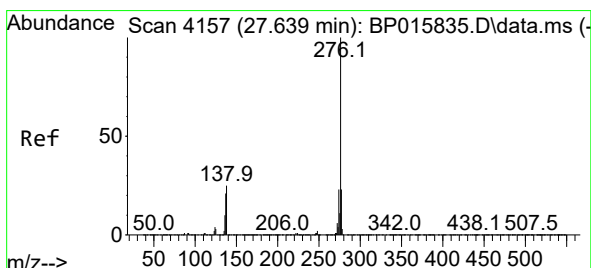
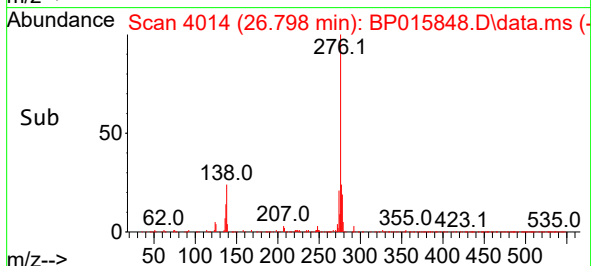
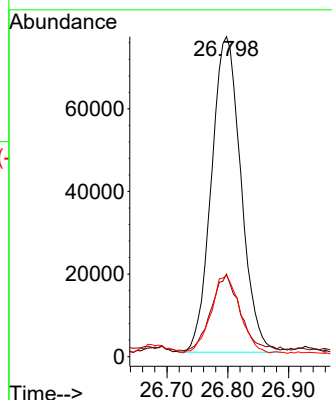
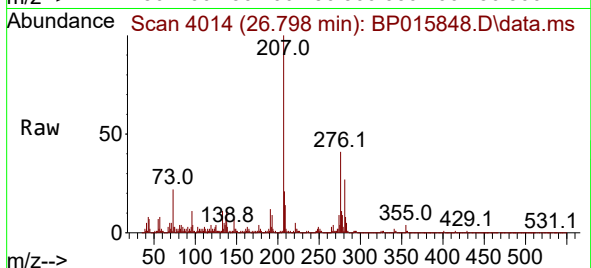
Tgt Ion:276 Resp: 257508

Ion Ratio Lower Upper

276 100

138 25.8 15.7 23.5#

277 25.4 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 3.930 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.000 min

Lab File: BP015848.D

Acq: 30 Jun 2023 17:23

Tgt Ion:276 Resp: 227721

Ion Ratio Lower Upper

276 100

138 25.3 15.1 22.7#

277 24.9 18.8 28.2

