

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015841.D
 Acq On : 30 Jun 2023 13:24
 Operator : MA/JU
 Sample : 03161-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 30 22:32:35 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)

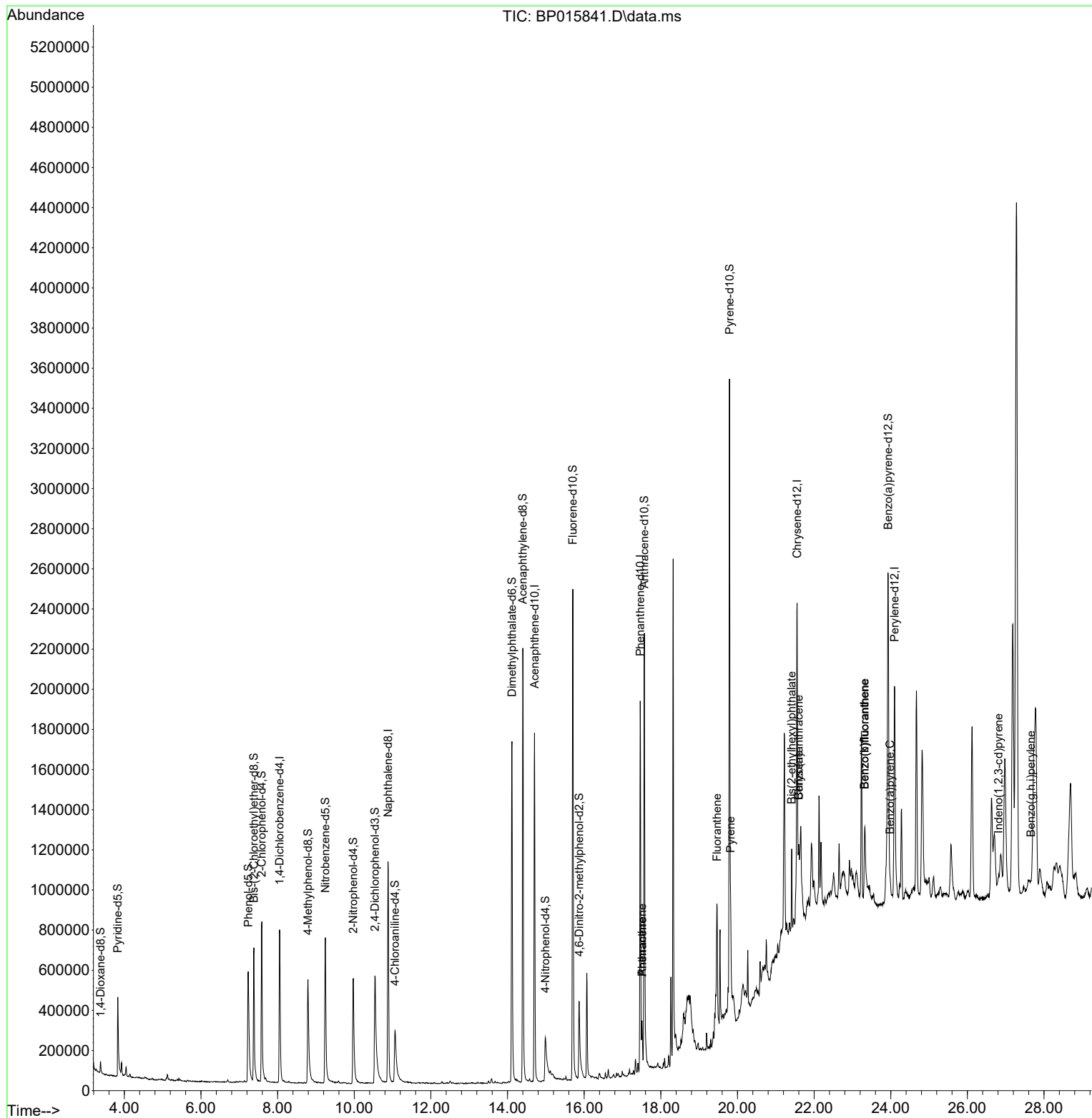
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	239531	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1026562	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	583659	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1119260	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	745278	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	872208	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29402	4.416	ng/uL	0.00
4) Pyridine-d5	3.828	84	237586	14.157	ng/ul	0.00
7) Phenol-d5	7.234	99	498629	24.330	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	359170	28.327	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	413556	26.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	287797	17.776	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	202299	25.786	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	225095	24.583	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	359019	22.003	ng/ul	0.02
31) 4-Chloroaniline-d4	11.063	131	292292	13.945	ng/ul	0.03
46) Dimethylphthalate-d6	14.116	166	1330207	29.487	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	1464187	28.872	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	122883	20.641	ng/ul	0.04
60) Fluorene-d10	15.704	176	1070014	28.806	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	125331	18.208	ng/ul	0.01
73) Anthracene-d10	17.569	188	1423789	27.849	ng/ul	0.00
81) Pyrene-d10	19.792	212	1609330	33.070	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1371428	31.170	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	132589	2.181	ng/ul	99
74) Anthracene	17.510	178	133236	2.181	ng/ul	99
80) Fluoranthene	19.469	202	311510	5.151	ng/ul#	93
82) Pyrene	19.822	202	232193	3.764	ng/ul#	89
85) Benzo(a)anthracene	21.598	228	132633	2.530	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.416	149	133077	3.847	ng/ul#	99
87) Chrysene	21.598	228	130647	2.627	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	161164	2.876	ng/ul#	86
91) Benzo(k)fluoranthene	23.316	252	161164	2.846	ng/ul#	85
93) Benzo(a)pyrene	23.986	252	85454	1.745	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.810	276	79414	1.195	ng/ul#	88
96) Benzo(g,h,i)perylene	27.657	276	68593	1.254	ng/ul#	89

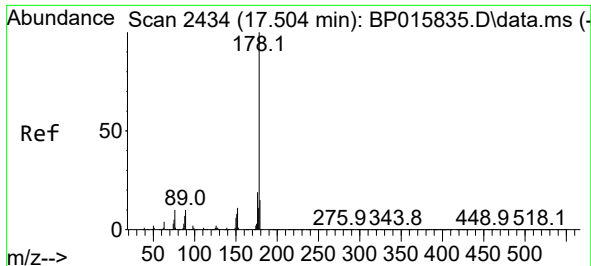
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

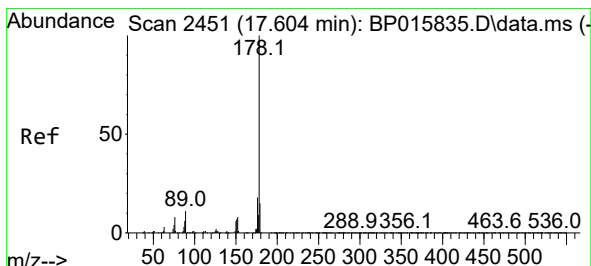
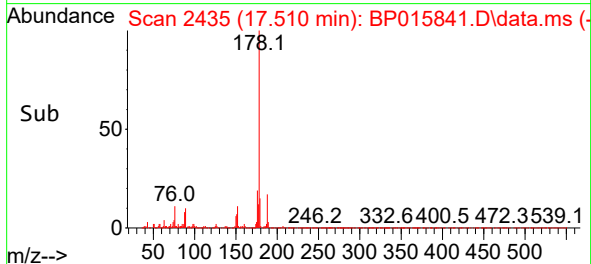
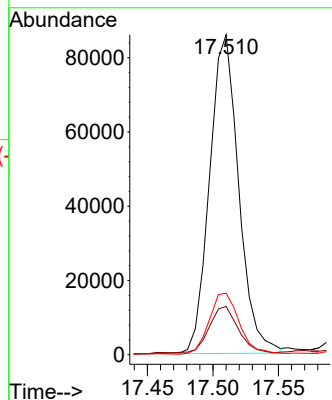
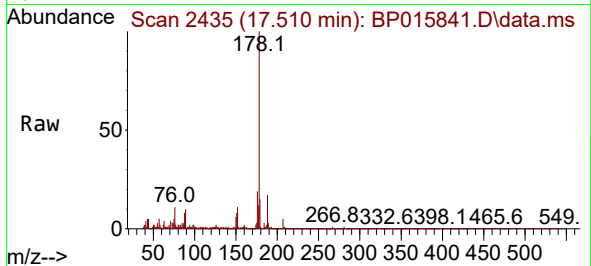




#72
Phenanthrene
Concen: 2.181 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

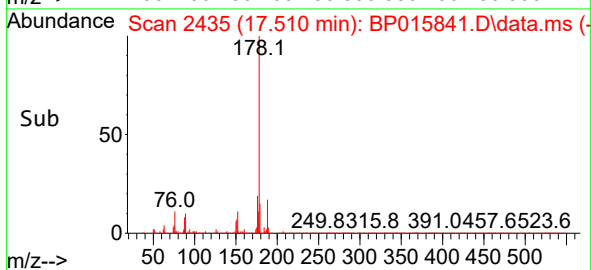
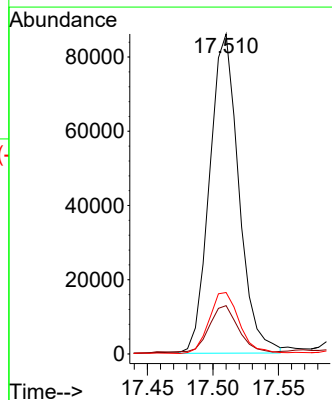
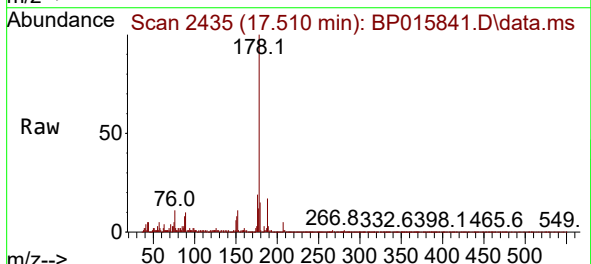
Instrument :
BNA_P
ClientSampleId :

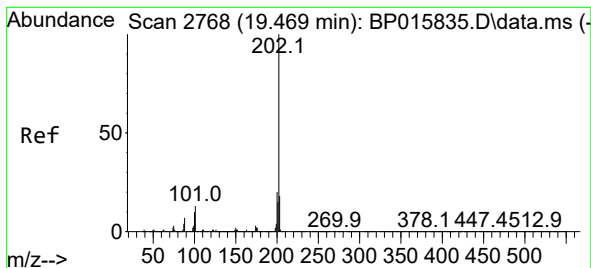
Tgt Ion:178 Resp: 132589
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.2 15.6 23.4



#74
Anthracene
Concen: 2.181 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.094 min
Lab File: BP015841.D
Acq: 30 Jun 2023 13:24

Tgt Ion:178 Resp: 133236
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 19.2 14.6 22.0





#80

Fluoranthene

Concen: 5.151 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. 0.000 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

Instrument :

BNA_P

ClientSampleId :

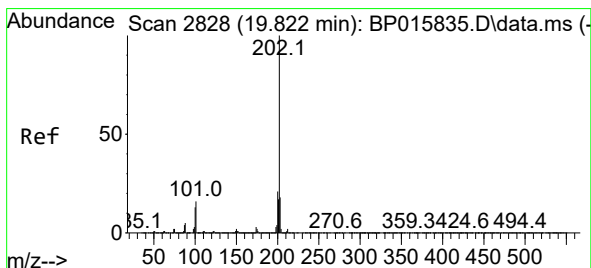
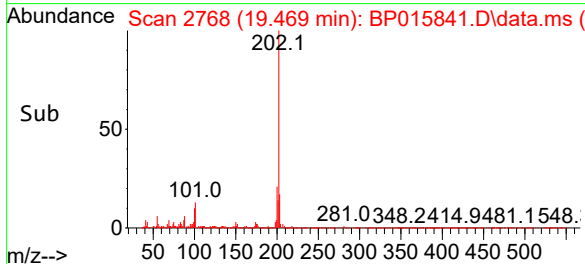
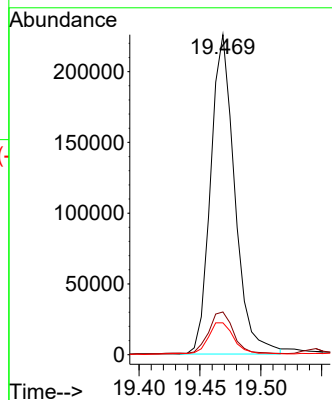
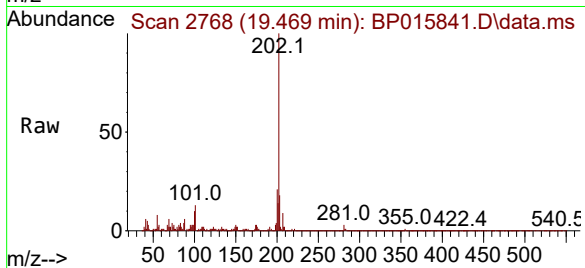
Tgt Ion:202 Resp: 311510

Ion Ratio Lower Upper

202 100

101 13.4 8.3 12.5#

100 9.9 6.6 9.8#



#82

Pyrene

Concen: 3.764 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. 0.000 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

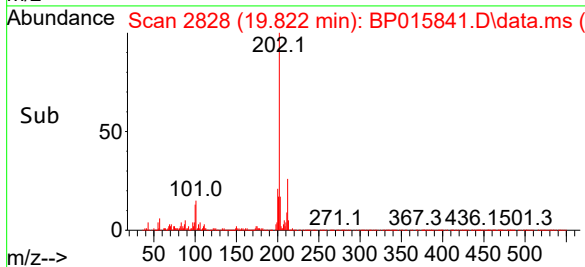
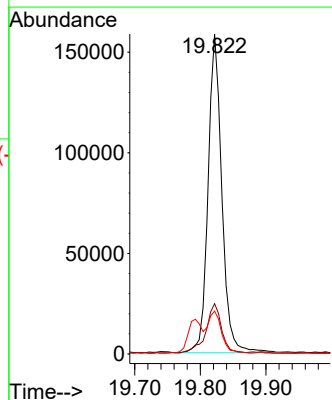
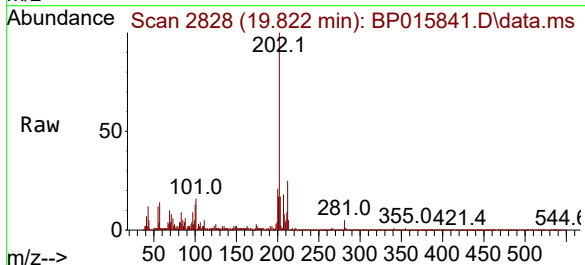
Tgt Ion:202 Resp: 232193

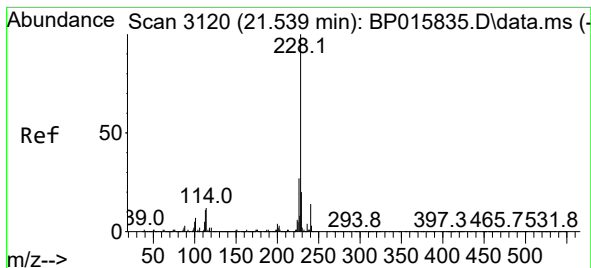
Ion Ratio Lower Upper

202 100

101 15.7 9.3 13.9#

100 13.4 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 2.530 ng/ul

RT: 21.598 min Scan# 3120

Delta R.T. 0.059 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

Instrument :

BNA_P

ClientSampleId :

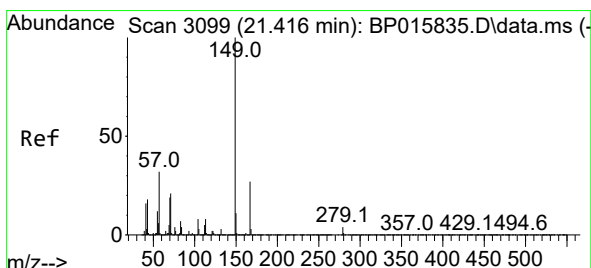
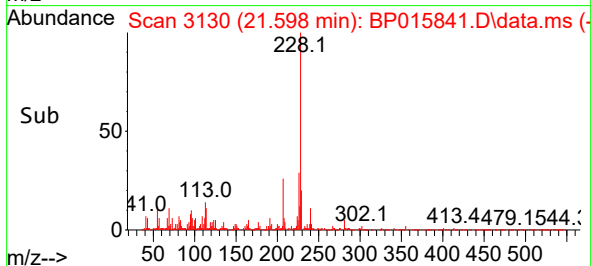
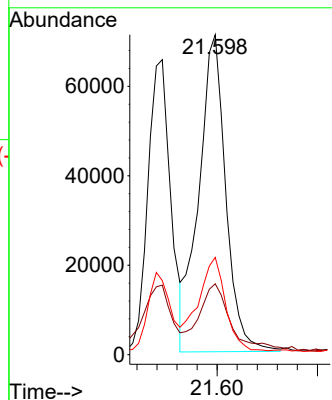
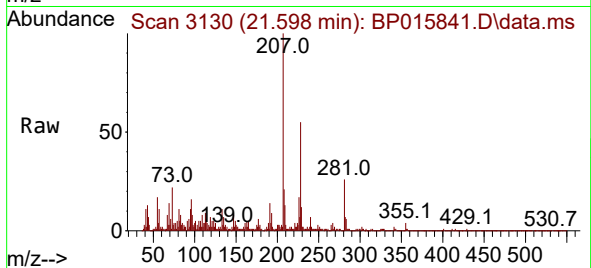
Tgt Ion:228 Resp: 132633

Ion Ratio Lower Upper

228 100

229 22.2 15.3 22.9

226 30.4 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.847 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

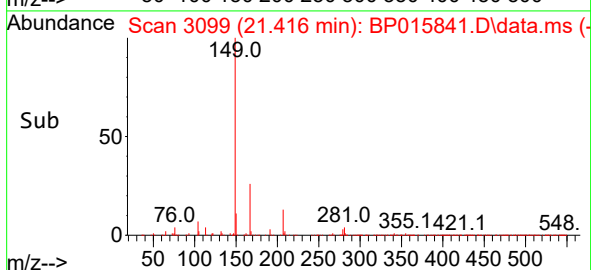
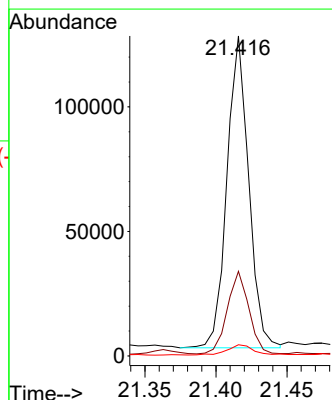
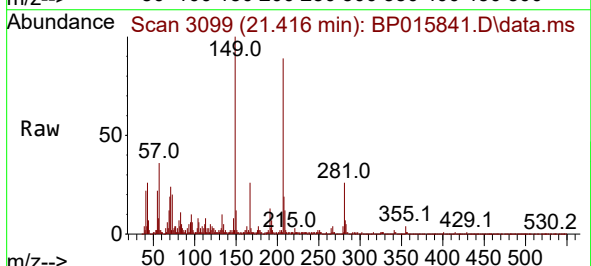
Tgt Ion:149 Resp: 133077

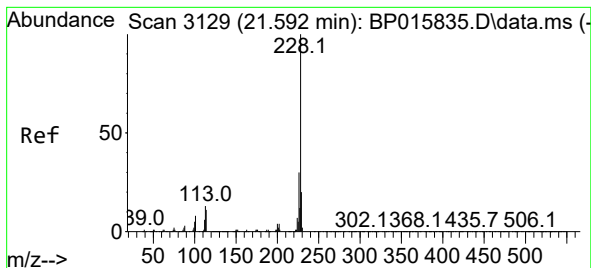
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.6

279 3.5 3.8 5.6





#87

Chrysene

Concen: 2.627 ng/ul

RT: 21.598 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

Instrument :

BNA_P

ClientSampleId :

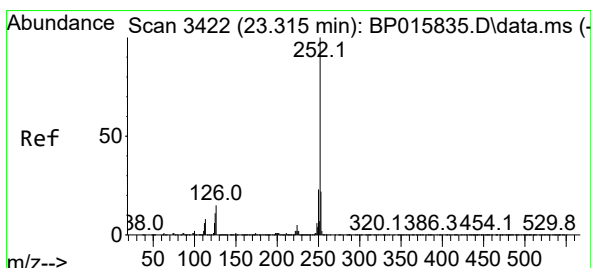
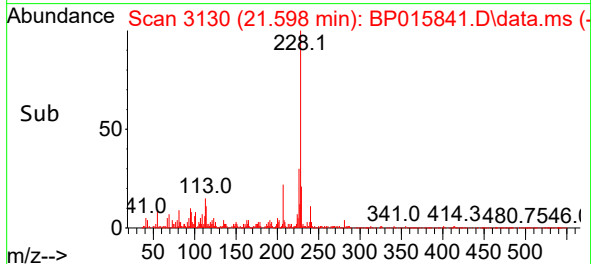
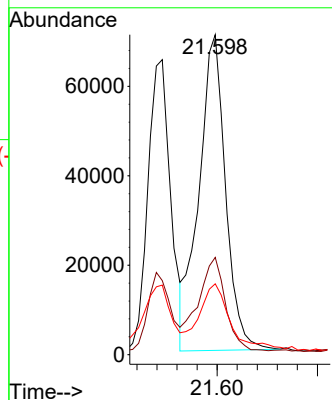
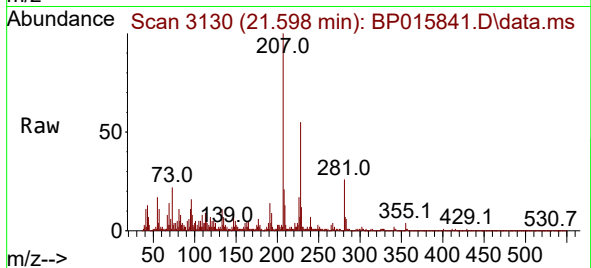
Tgt Ion:228 Resp: 130647

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 22.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.876 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

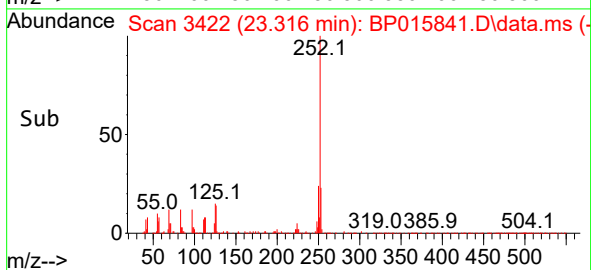
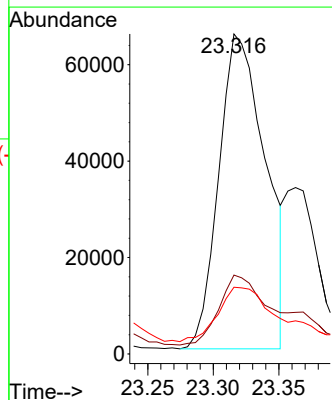
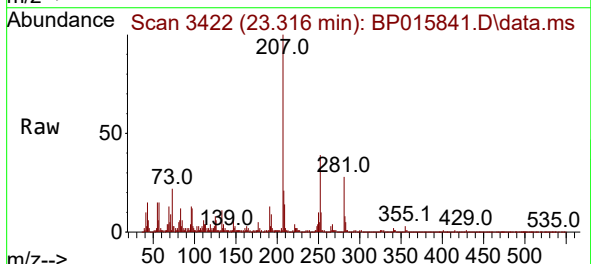
Tgt Ion:252 Resp: 161164

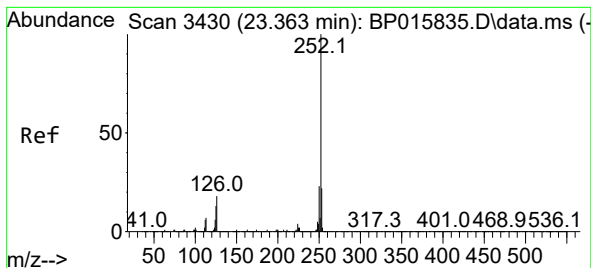
Ion Ratio Lower Upper

252 100

253 24.7 17.3 25.9

125 20.9 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 2.846 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

Instrument :

BNA_P

ClientSampleId :

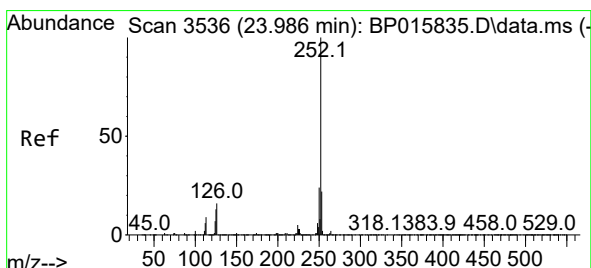
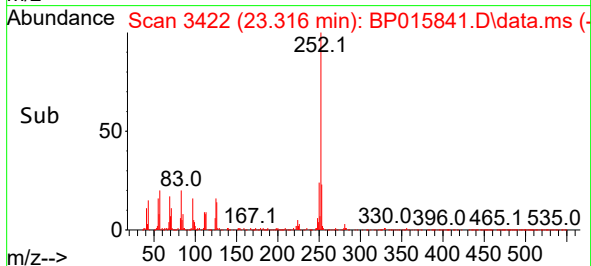
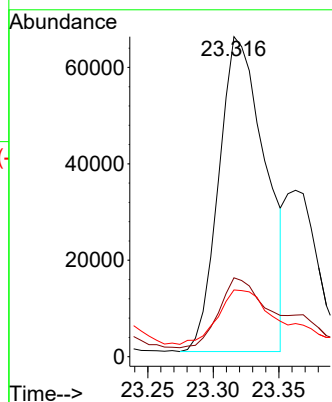
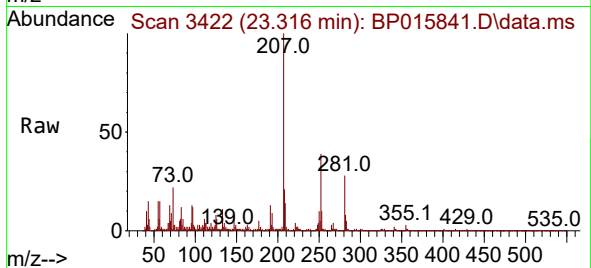
Tgt Ion:252 Resp: 161164

Ion Ratio Lower Upper

252 100

253 24.7 17.0 25.4

125 20.9 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 1.745 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

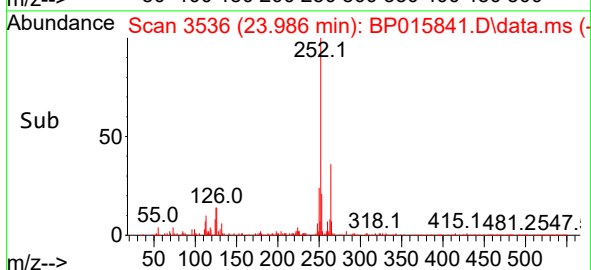
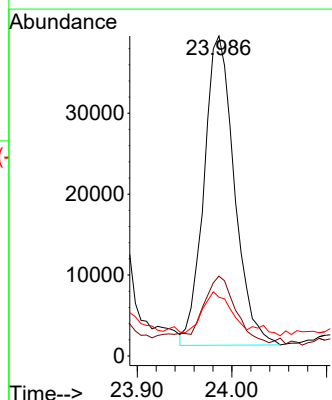
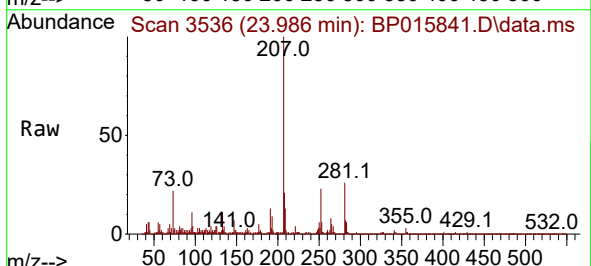
Tgt Ion:252 Resp: 85454

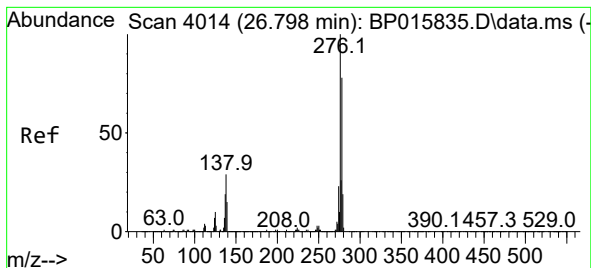
Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 18.3 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.195 ng/ul

RT: 26.810 min Scan# 4014

Delta R.T. 0.012 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

Instrument :

BNA_P

ClientSampleId :

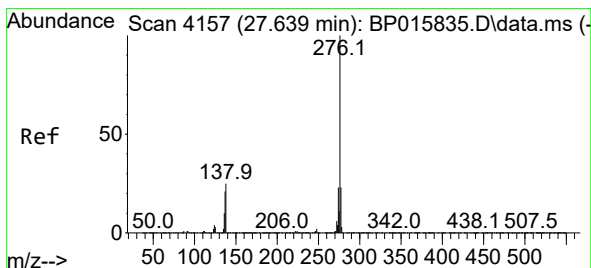
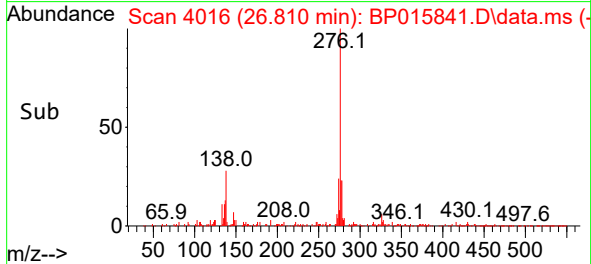
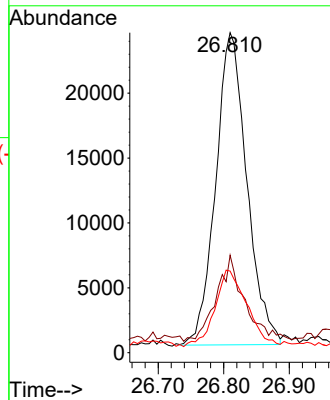
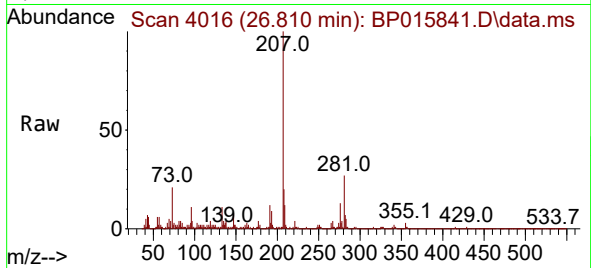
Tgt Ion:276 Resp: 79414

Ion Ratio Lower Upper

276 100

138 30.4 15.7 23.5#

277 25.5 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.254 ng/ul

RT: 27.657 min Scan# 4160

Delta R.T. 0.018 min

Lab File: BP015841.D

Acq: 30 Jun 2023 13:24

Tgt Ion:276 Resp: 68593

Ion Ratio Lower Upper

276 100

138 25.3 15.1 22.7#

277 27.4 18.8 28.2

