

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020823.D
 Acq On : 06 Jul 2024 16:55
 Operator : MA/JU
 Sample : P3010-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CW6

Quant Time: Jul 07 22:41:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

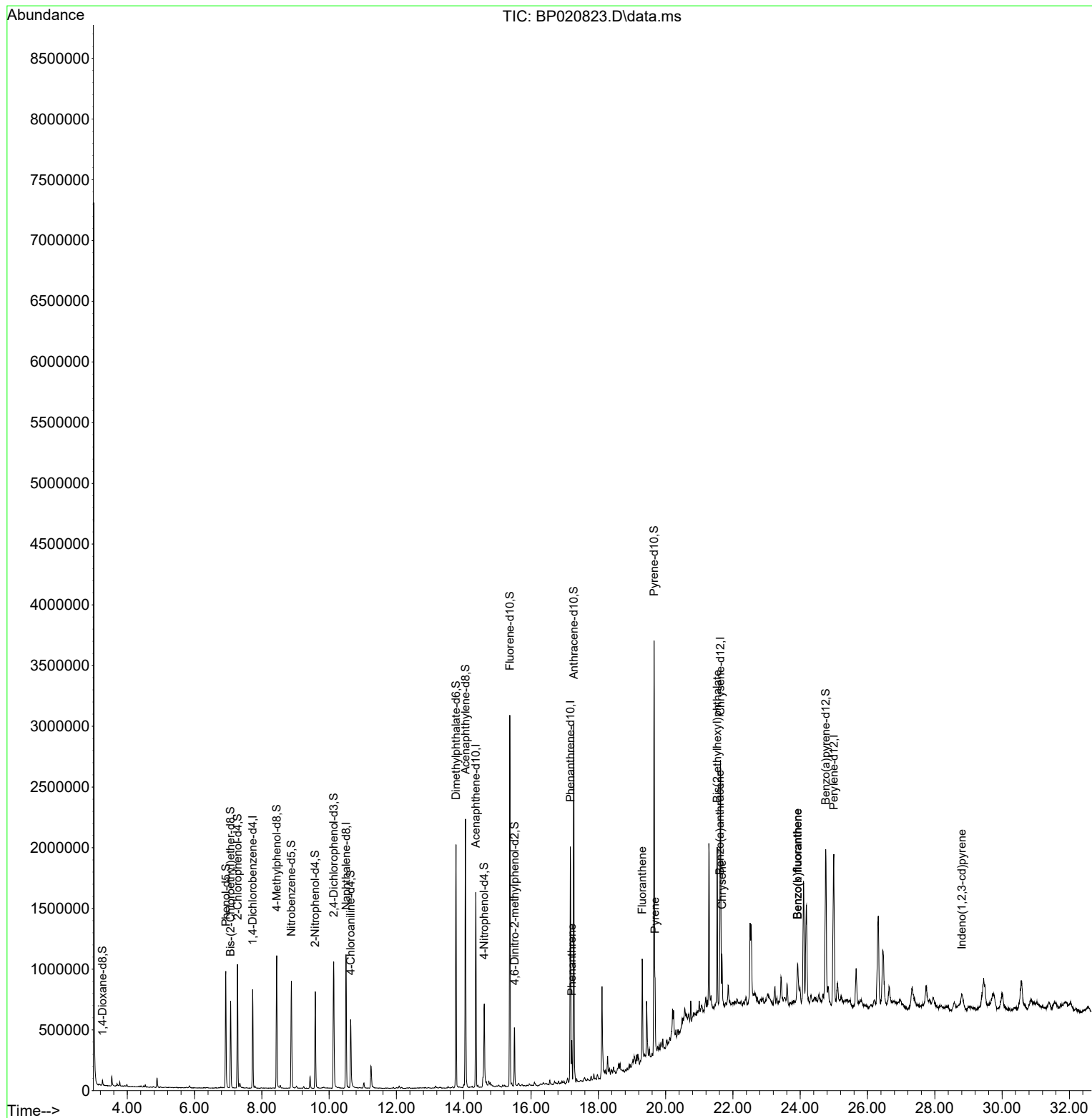
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	219453	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	907006	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	575285	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1220260	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	1122754	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	1347731	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	21721	4.250	ng/uL	0.00
4) Pyridine-d5	3.670	84	310	0.021	ng/ul	-0.01
7) Phenol-d5	6.928	99	531236	29.514	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	312629	27.398	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.275	132	445267	30.269	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	409318	28.000	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	218799	32.674	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	249105	37.173	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	438732	31.784	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	330416	17.080	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1322081	33.053	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160	1506527	31.564	ng/ul	0.01
54) 4-Nitrophenol-d4	14.610	143	180160	29.479	ng/ul	0.03
60) Fluorene-d10	15.369	176	1127885	33.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	106156	17.263	ng/ul	0.01
73) Anthracene-d10	17.269	188	1734190	31.666	ng/ul	0.00
81) Pyrene-d10	19.657	212	1796325	26.632	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	1359155	20.732	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	196244	3.071	ng/ul	99
80) Fluoranthene	19.304	202	504902	6.128	ng/ul	99
82) Pyrene	19.686	202	364293	4.311	ng/ul	99
85) Benzo(a)anthracene	21.610	228	218421	2.775	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.533	149	570261	11.706	ng/ul	99
87) Chrysene	21.675	228	275016	3.697	ng/ul	98
90) Benzo(b)fluoranthene	23.921	252	385056	4.716	ng/ul	98
91) Benzo(k)fluoranthene	23.921	252	385056	4.662	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.804	276	146338	1.480	ng/ul	96

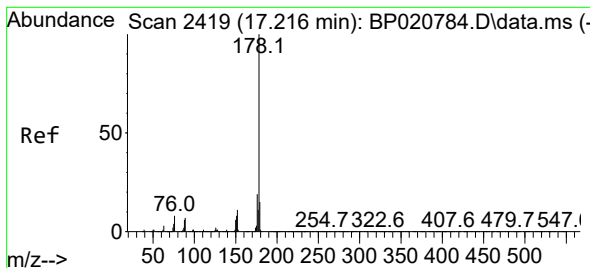
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.071 ng/ul

RT: 17.210 min Scan# 2419

Delta R.T. 0.006 min

Lab File: BP020823.D

Acq: 06 Jul 2024 16:55

Instrument :

BNA_P

ClientSampleId :

A4CW6

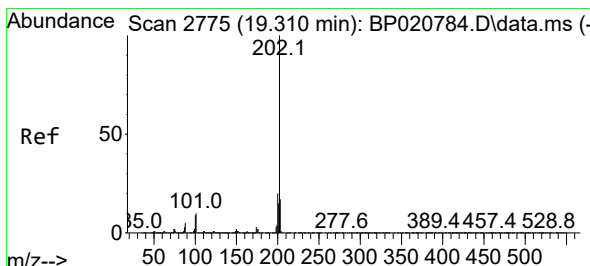
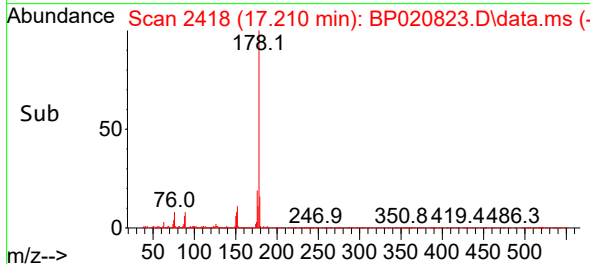
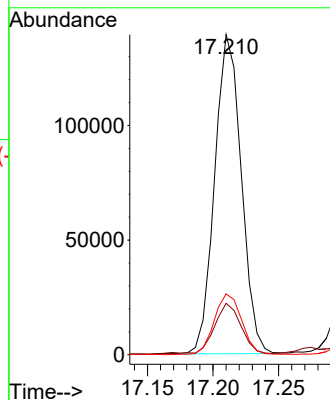
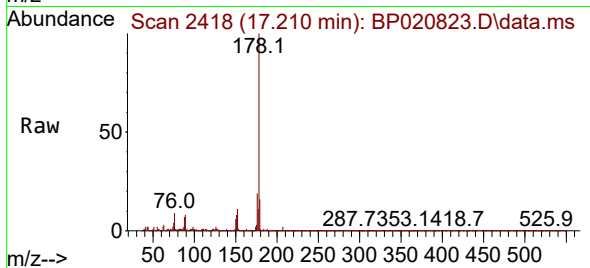
Tgt Ion:178 Resp: 196244

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

176 19.0 15.4 23.2



#80

Fluoranthene

Concen: 6.128 ng/ul

RT: 19.304 min Scan# 2774

Delta R.T. 0.006 min

Lab File: BP020823.D

Acq: 06 Jul 2024 16:55

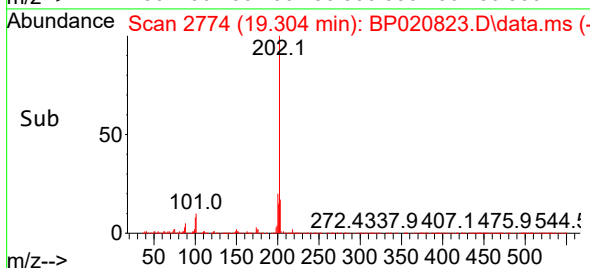
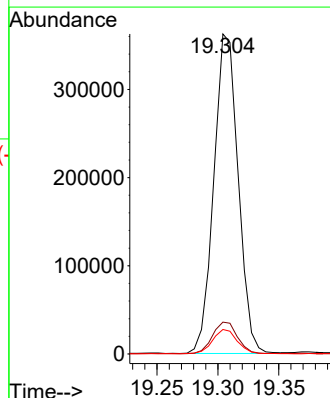
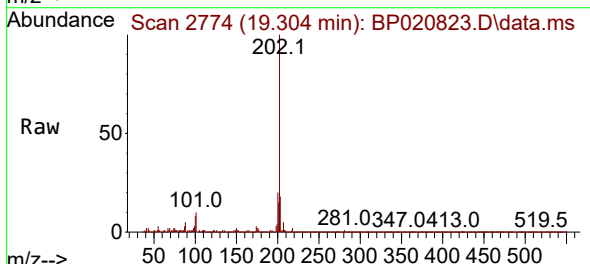
Tgt Ion:202 Resp: 504902

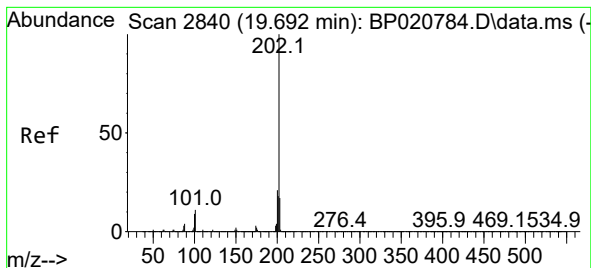
Ion Ratio Lower Upper

202 100

101 9.9 8.2 12.4

100 7.6 6.6 10.0





#82

Pyrene

Concen: 4.311 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020823.D

Acq: 06 Jul 2024 16:55

Instrument :

BNA_P

ClientSampleId :

A4CW6

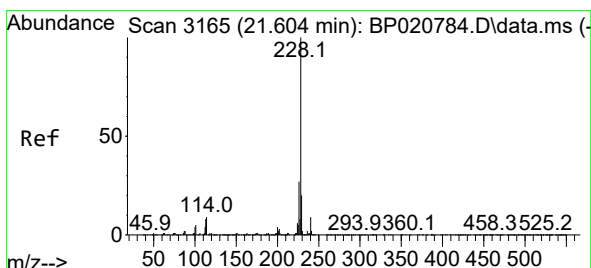
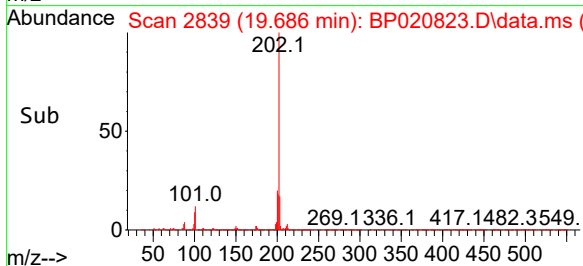
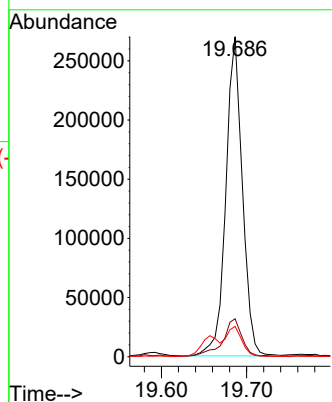
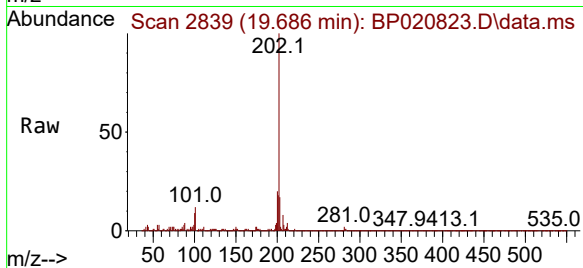
Tgt Ion:202 Resp: 364293

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

100 9.5 7.9 11.9



#85

Benzo(a)anthracene

Concen: 2.775 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.012 min

Lab File: BP020823.D

Acq: 06 Jul 2024 16:55

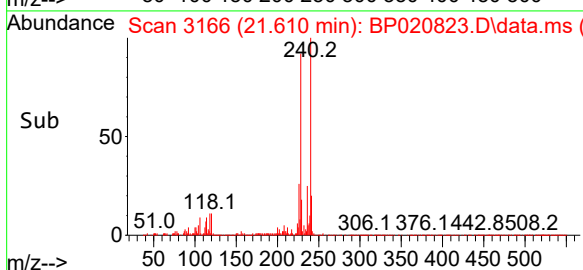
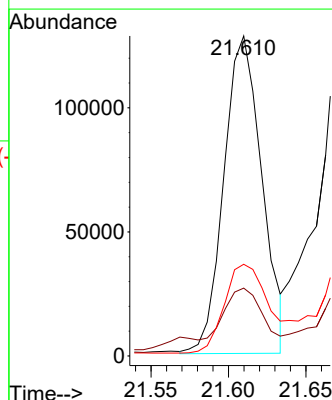
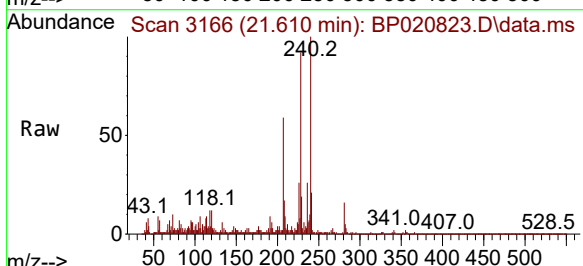
Tgt Ion:228 Resp: 218421

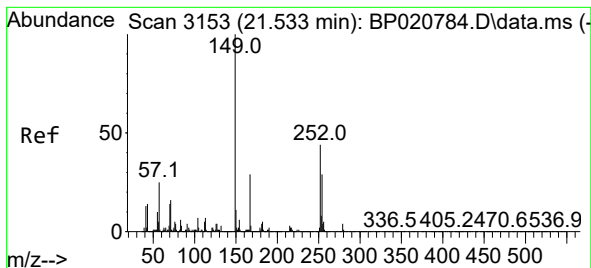
Ion Ratio Lower Upper

228 100

229 21.2 15.2 22.8

226 28.7 21.1 31.7

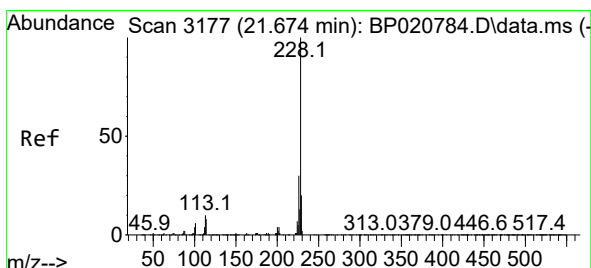
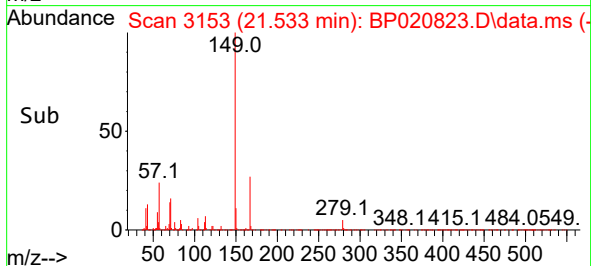
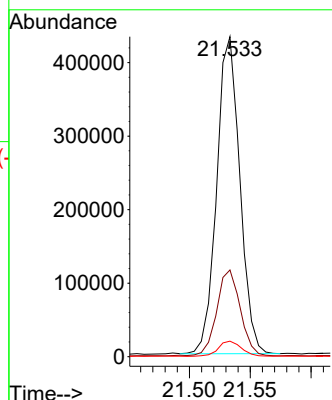
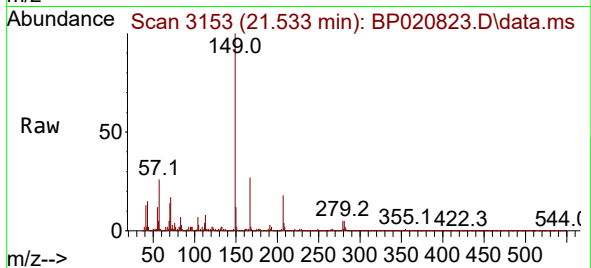




#86
Bis(2-ethylhexyl)phthalate
Concen: 11.706 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55

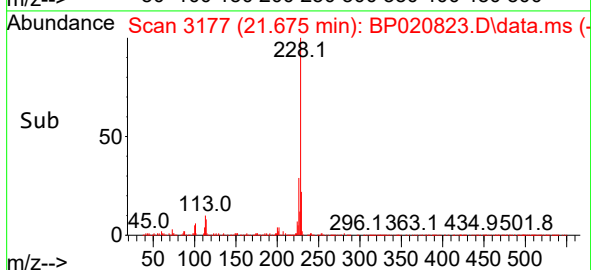
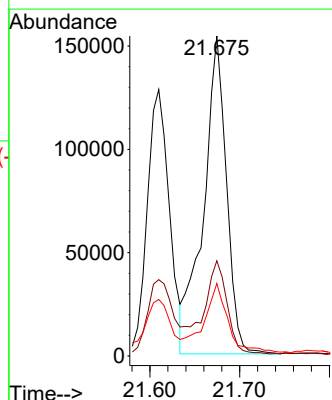
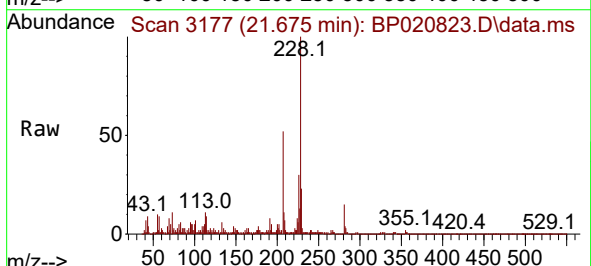
Instrument :
BNA_P
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A4CW6

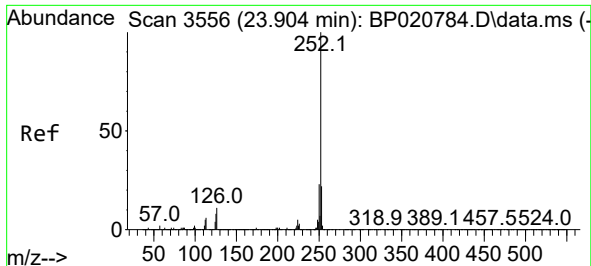
Tgt Ion:149 Resp: 570261
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 4.9 3.3 4.9



#87
Chrysene
Concen: 3.697 ng/ul
RT: 21.675 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55

Tgt Ion:228 Resp: 275016
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 22.6 16.1 24.1

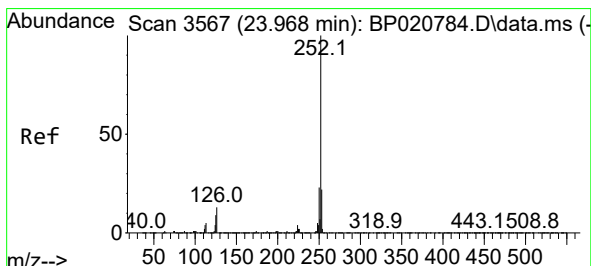
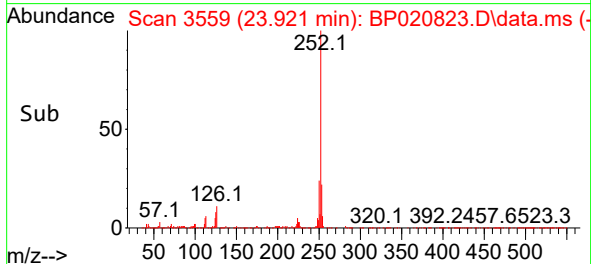
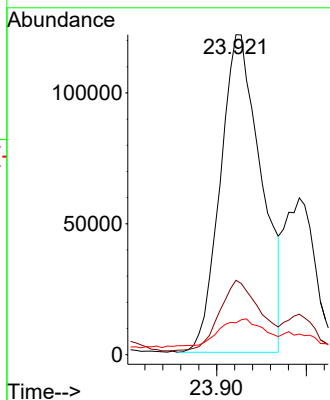
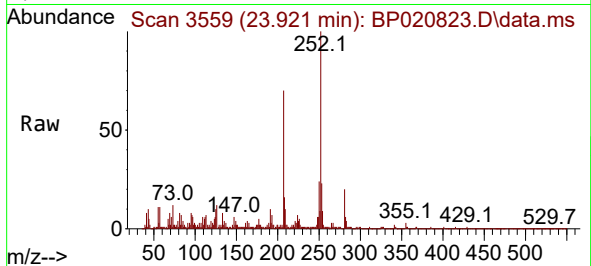




#90
Benzo(b)fluoranthene
Concen: 4.716 ng/ul
RT: 23.921 min Scan# 3559
Delta R.T. 0.018 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55

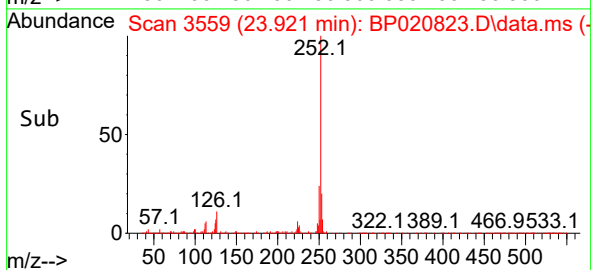
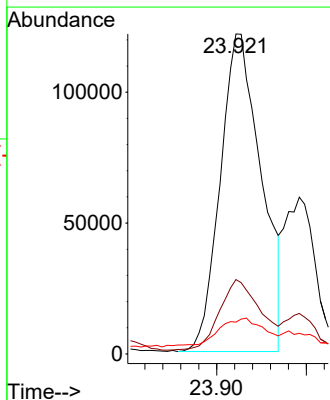
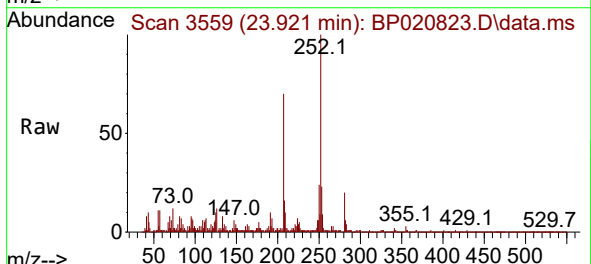
Instrument :
BNA_P
ClientSampleId :
A4CW6

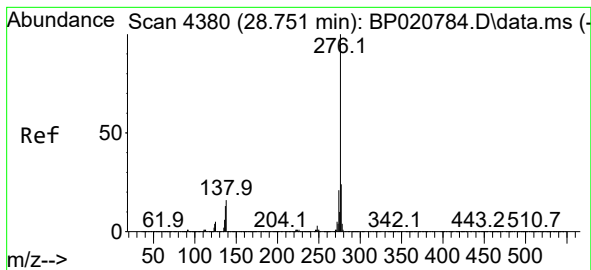
Tgt Ion:252 Resp: 385056
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.0 7.9 11.9



#91
Benzo(k)fluoranthene
Concen: 4.662 ng/ul
RT: 23.921 min Scan# 3559
Delta R.T. -0.053 min
Lab File: BP020823.D
Acq: 06 Jul 2024 16:55

Tgt Ion:252 Resp: 385056
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 10.0 7.9 11.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.480 ng/ul

RT: 28.804 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP020823.D

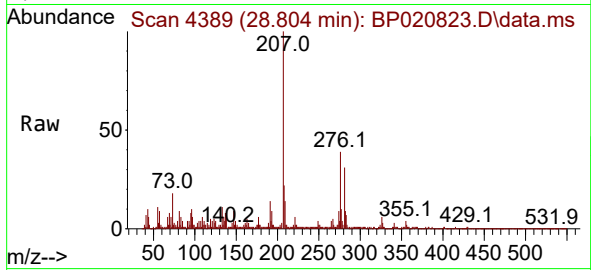
Acq: 06 Jul 2024 16:55

Instrument :

BNA_P

ClientSampleId :

A4CW6



Tgt Ion:276 Resp: 146338

Ion Ratio Lower Upper

276 100

138 19.2 15.2 22.8

277 27.1 19.0 28.4

