

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022525.D
 Acq On : 22 Oct 2024 04:59
 Operator : RC/JU
 Sample : P4414-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F98

Quant Time: Oct 22 05:27:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

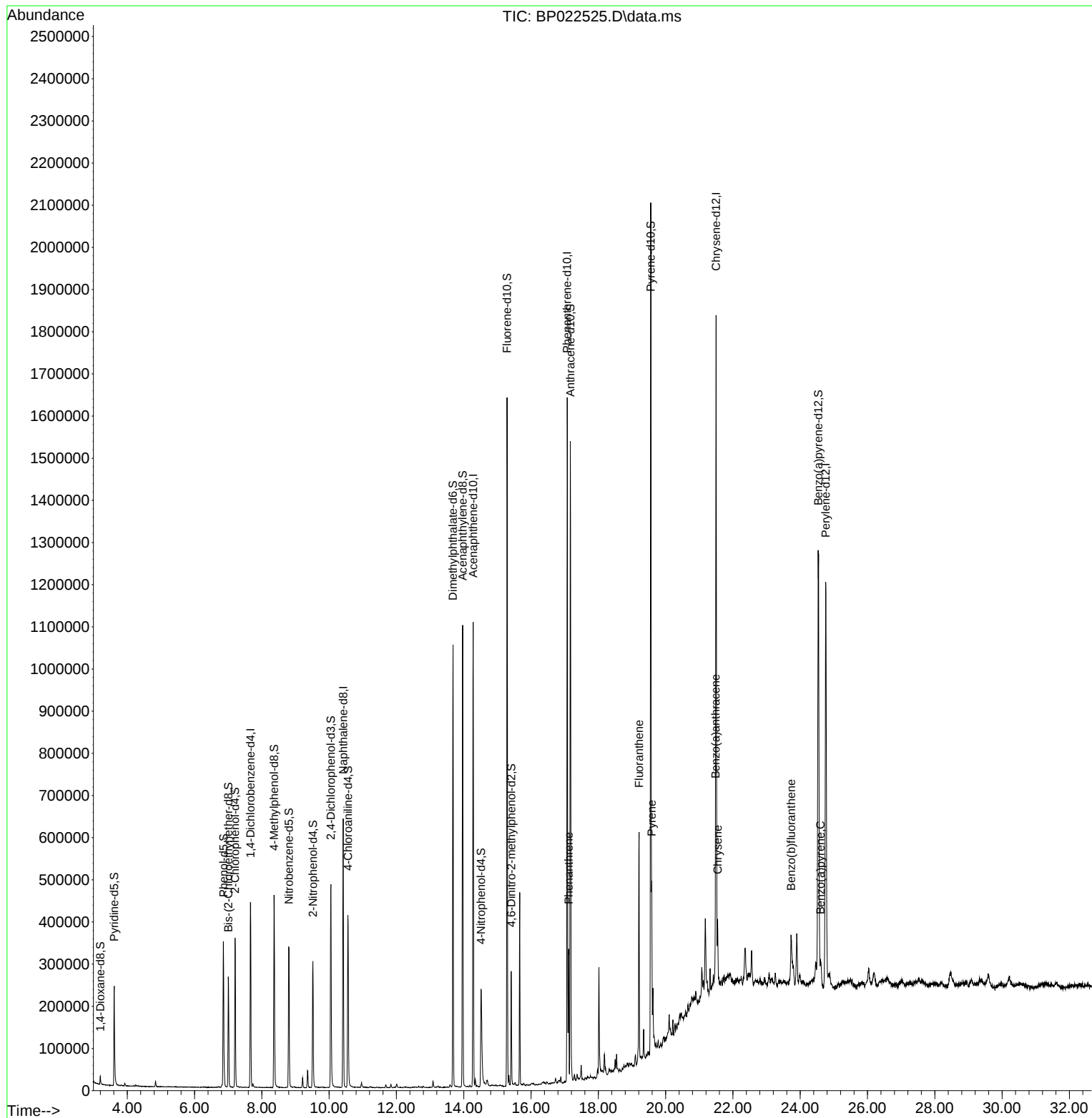
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	118548	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	468274	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	365329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	868554	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	849229	20.000	ng/u1	0.00
88) Perylene-d12	24.757	264	968684	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	9839	3.225	ng/uL	0.00
4) Pyridine-d5	3.611	84	133231	15.909	ng/u1	0.00
7) Phenol-d5	6.858	99	194490	19.490	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	113912	19.422	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	146049	20.626	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	167768	21.066	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	74057	20.568	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	92613	22.217	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	187852	21.203	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	212753	20.323	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	637428	21.960	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	691157	22.419	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	85189	17.494	ng/u1	0.01
60) Fluorene-d10	15.287	176	564329	22.415	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	60893	10.660	ng/u1	0.00
73) Anthracene-d10	17.169	188	937716	22.950	ng/u1	0.00
81) Pyrene-d10	19.557	212	1102588	24.552	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.533	264	1176155	22.735	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.116	178	186753	4.019	ng/u1	99
80) Fluoranthene	19.210	202	310322	6.011	ng/u1	99
82) Pyrene	19.586	202	228654	4.132	ng/u1	99
85) Benzo(a)anthracene	21.480	228	90319	1.517	ng/u1	97
87) Chrysene	21.545	228	111786	2.025	ng/u1	97
90) Benzo(b)fluoranthene	23.727	252	131911	2.163	ng/u1	95
93) Benzo(a)pyrene	24.604	252	69658	1.241	ng/u1	95

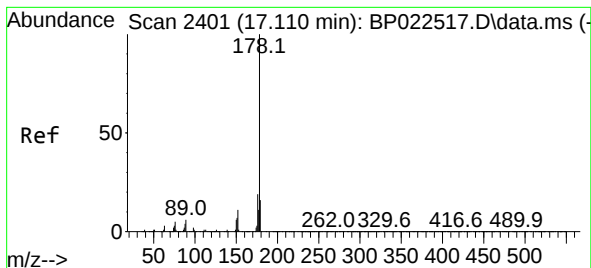
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 4.019 ng/ul

RT: 17.116 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BP022525.D

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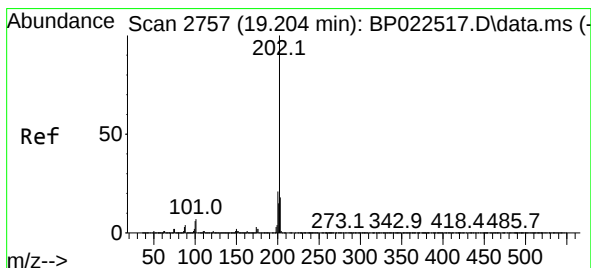
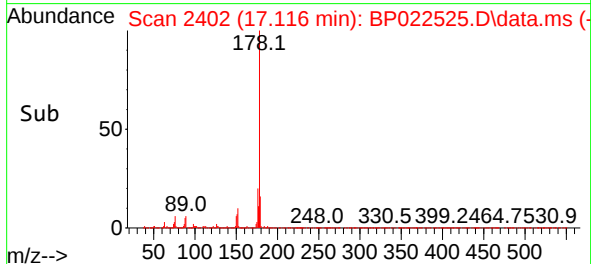
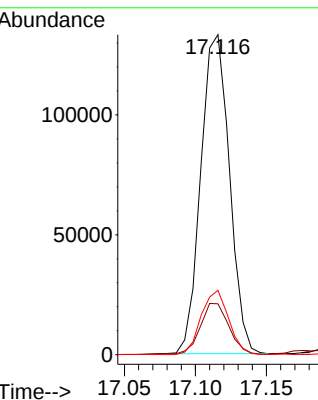
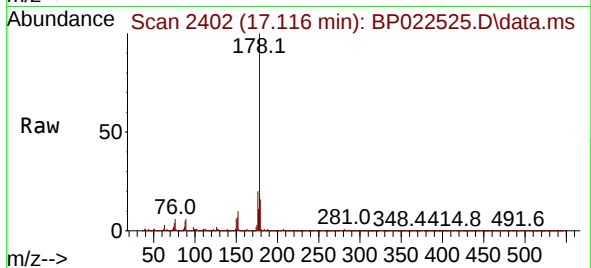
Tgt Ion:178 Resp: 186753

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 20.1 15.7 23.5



#80

Fluoranthene

Concen: 6.011 ng/ul

RT: 19.210 min Scan# 2758

Delta R.T. 0.000 min

Lab File: BP022525.D

Acq: 22 Oct 2024 04:59

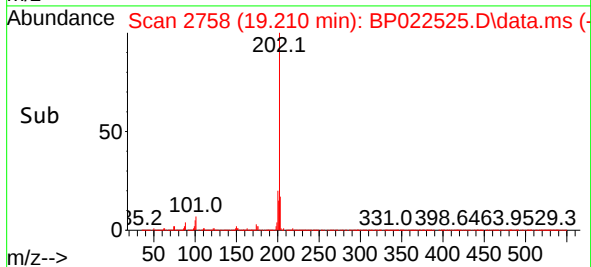
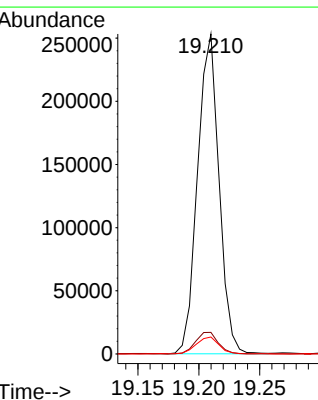
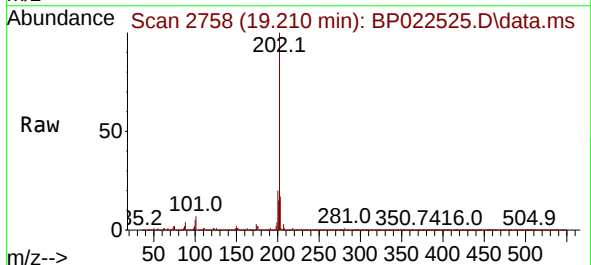
Tgt Ion:202 Resp: 310322

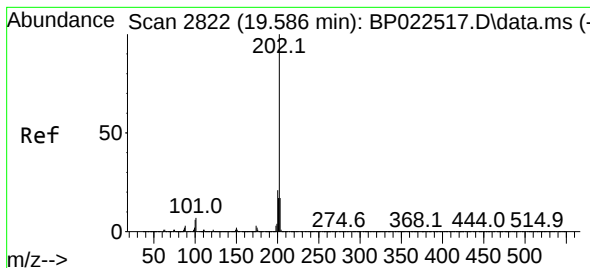
Ion Ratio Lower Upper

202 100

101 6.7 5.8 8.8

100 5.3 4.5 6.7





#82

Pyrene

Concen: 4.132 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022525.D

Acq: 22 Oct 2024 04:59

Instrument :

BNA_P

ClientSampleId :

A4F98

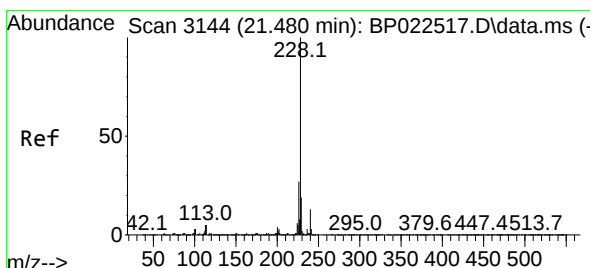
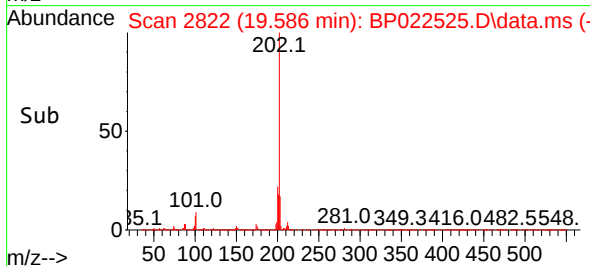
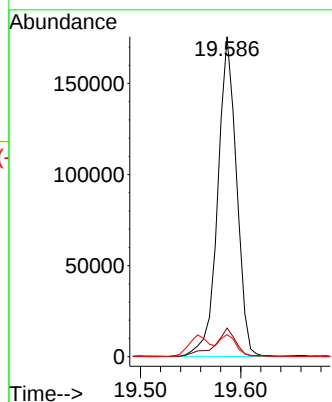
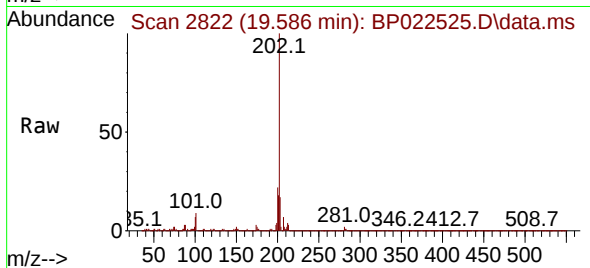
Tgt Ion:202 Resp: 228654

Ion Ratio Lower Upper

202 100

101 9.0 6.7 10.1

100 6.9 5.8 8.6



#85

Benzo(a)anthracene

Concen: 1.517 ng/ul

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BP022525.D

Acq: 22 Oct 2024 04:59

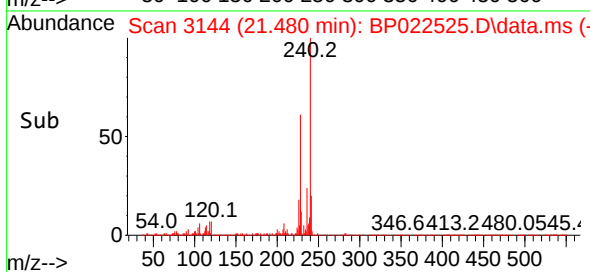
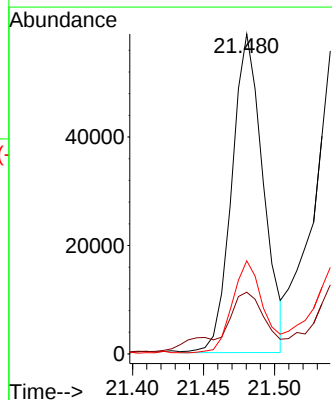
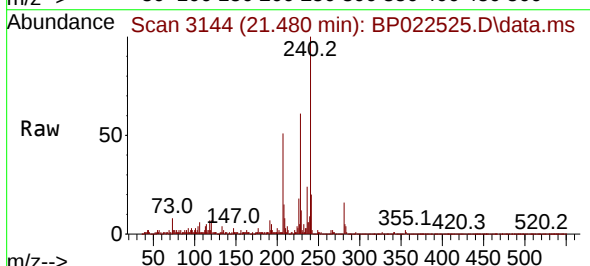
Tgt Ion:228 Resp: 90319

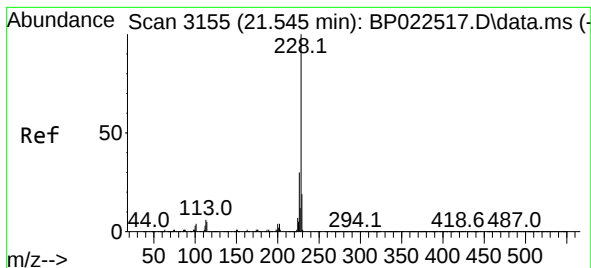
Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.0

226 29.1 21.5 32.3





#87

Chrysene

Concen: 2.025 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.000 min

Lab File: BP022525.D

Acq: 22 Oct 2024 04:59

Instrument :

BNA_P

ClientSampleId :

A4F98

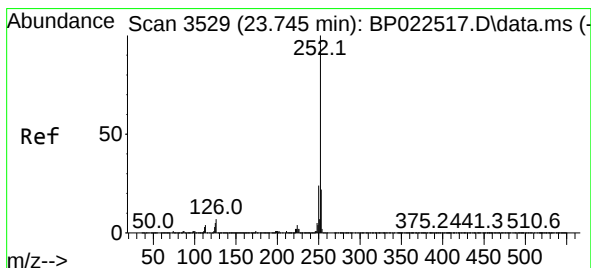
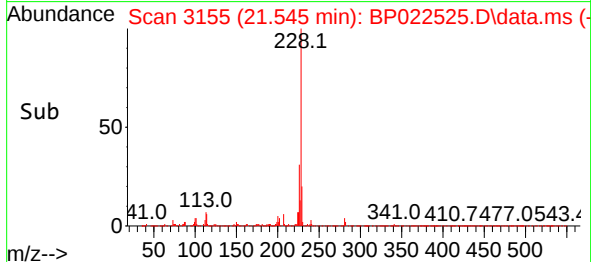
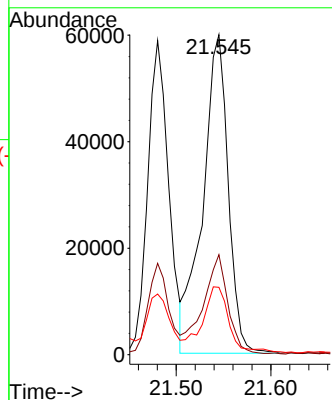
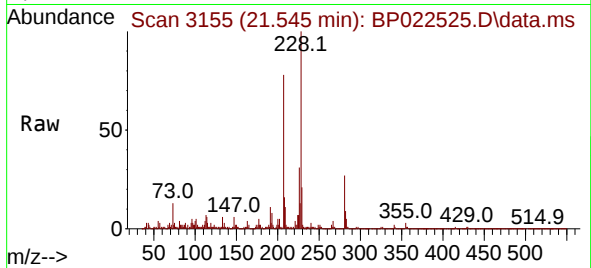
Tgt Ion:228 Resp: 111786

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.8

229 21.1 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.163 ng/ul

RT: 23.727 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP022525.D

Acq: 22 Oct 2024 04:59

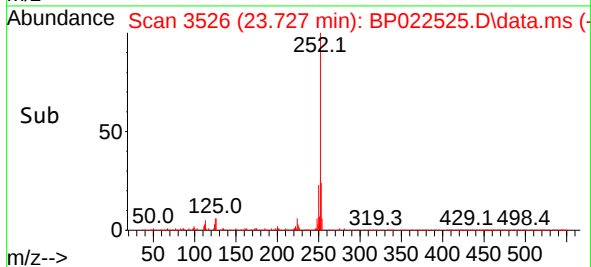
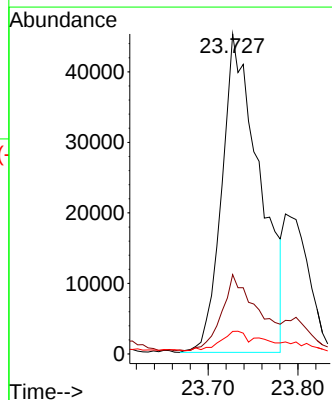
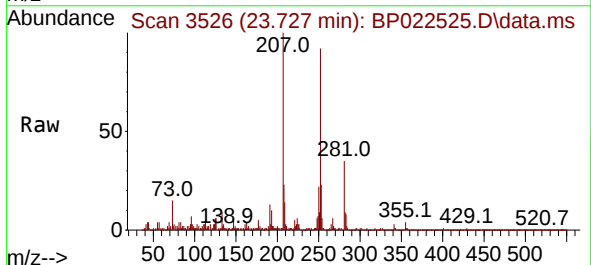
Tgt Ion:252 Resp: 131911

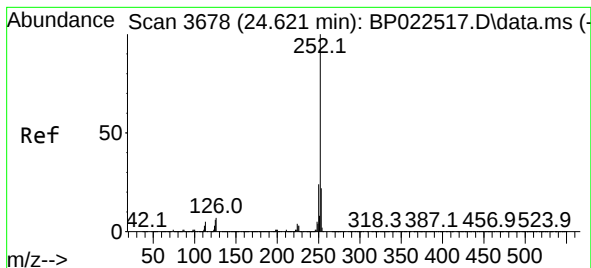
Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.8

125 7.1 5.0 7.4





#93

Benzo(a)pyrene

Concen: 1.241 ng/ul

RT: 24.604 min Scan# 30

Delta R.T. 0.000 min

Lab File: BP022525.D

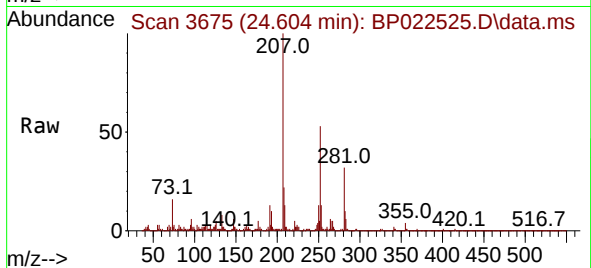
Acq: 22 Oct 2024 04:59

Instrument :

BNA_P

ClientSampleId :

A4F98



Tgt Ion:252 Resp: 69658

Ion Ratio Lower Upper

252 100

253 24.8 17.7 26.5

125 6.1 4.9 7.3

