

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012079.D
 Acq On : 12 Oct 2022 14:00
 Operator : CG/JU
 Sample : N5024-07
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BF8

Quant Time: Oct 12 23:07:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

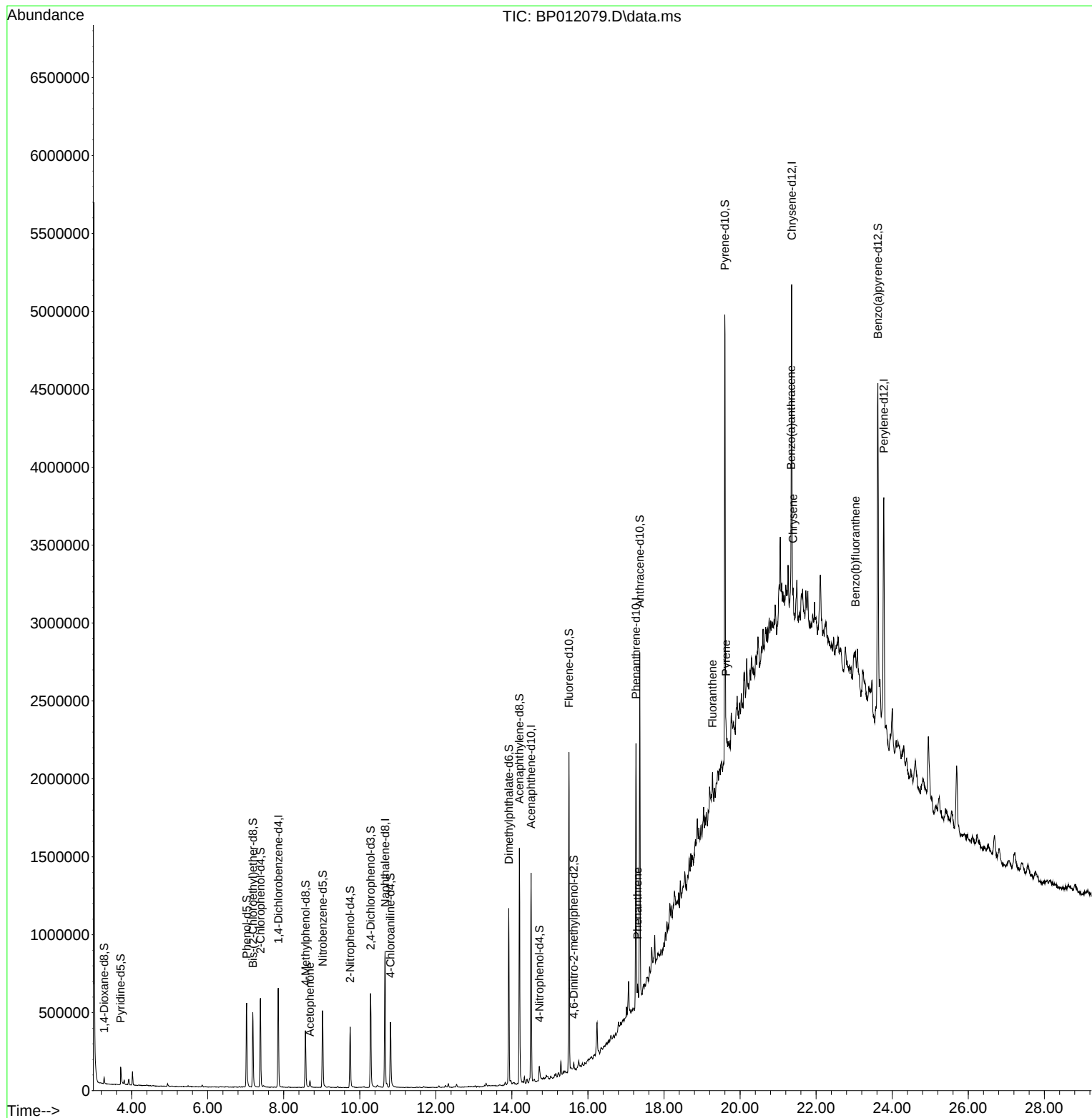
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	195570	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	781191	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	464679	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	999158	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1003263	20.000	ng/u1	0.01
88) Perylene-d12	23.780	264	1134018	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	21259	4.286	ng/uL	0.00
4) Pyridine-d5	3.711	84	68233	5.172	ng/u1	0.01
7) Phenol-d5	7.022	99	368630	23.436	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	213375	23.900	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	309652	24.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	160187	13.259	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	145743	26.416	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	151421	27.067	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	264459	24.392	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	281322	17.608	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	793761	26.972	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1015828	27.914	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	37417	6.476	ng/u1	0.01
60) Fluorene-d10	15.498	176	811391	30.474	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	10840	2.055	ng/u1	0.00
73) Anthracene-d10	17.363	188	1229325	28.334	ng/u1	0.00
81) Pyrene-d10	19.598	212	1503474	29.252	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.622	264	1645791	29.854	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.687	105	27058	1.453	ng/u1	96
72) Phenanthrene	17.304	178	67615	1.244	ng/u1#	94
80) Fluoranthene	19.275	202	127836	2.030	ng/u1	98
82) Pyrene	19.628	202	129647	1.945	ng/u1	97
85) Benzo(a)anthracene	21.339	228	63153	1.000	ng/u1#	85
87) Chrysene	21.392	228	78362	1.289	ng/u1#	86
90) Benzo(b)fluoranthene	23.033	252	95594	1.332	ng/u1#	36

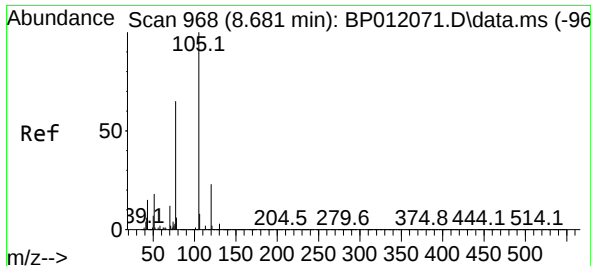
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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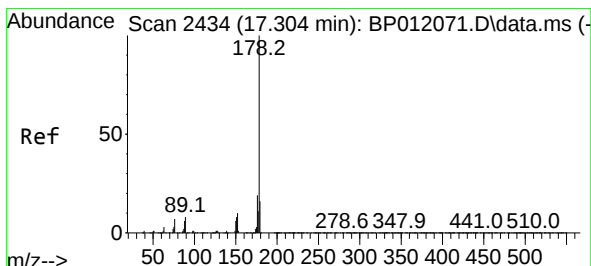
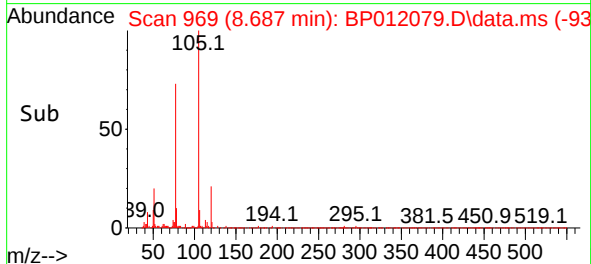
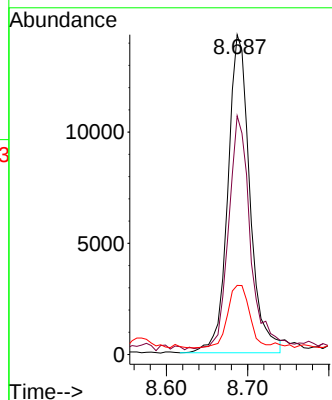
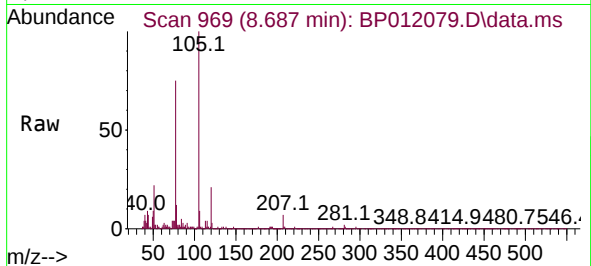




#16
Acetophenone
Concen: 1.453 ng/ul
RT: 8.687 min Scan# 968
Delta R.T. 0.006 min
Lab File: BP012079.D
Acq: 12 Oct 2022 14:00

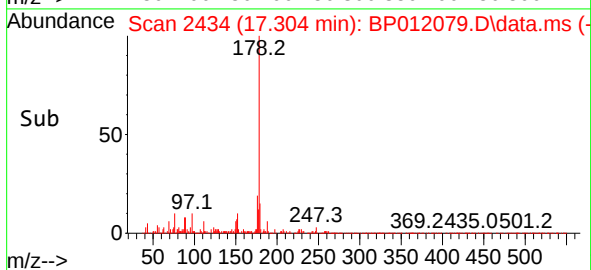
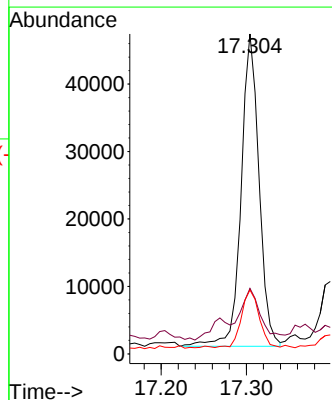
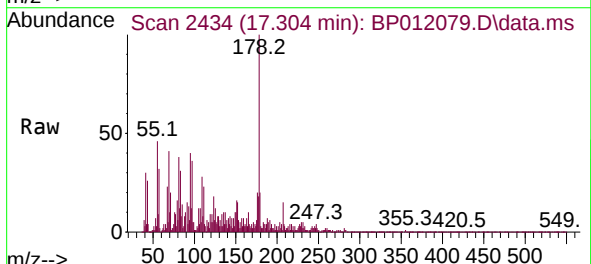
Instrument :
BNA_P
ClientSampleId :
C0BF8

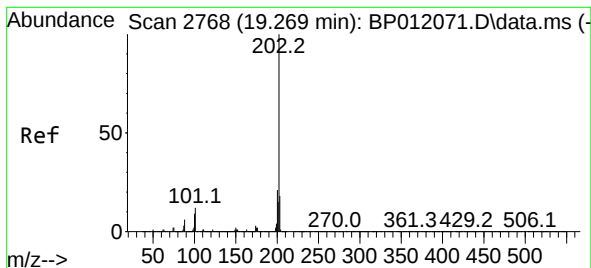
Tgt Ion:105 Resp: 27058
Ion Ratio Lower Upper
105 100
77 74.6 57.0 85.4
51 21.6 16.4 24.6



#72
Phenanthrene
Concen: 1.244 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP012079.D
Acq: 12 Oct 2022 14:00

Tgt Ion:178 Resp: 67615
Ion Ratio Lower Upper
178 100
179 20.5 12.2 18.4#
176 20.0 15.8 23.6





#80

Fluoranthene

Concen: 2.030 ng/ul

RT: 19.275 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP012079.D

Acq: 12 Oct 2022 14:00

Instrument :

BNA_P

ClientSampleId :

C0BF8

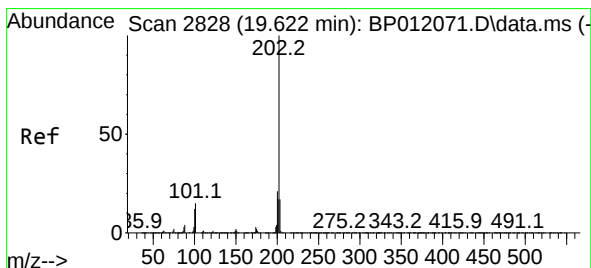
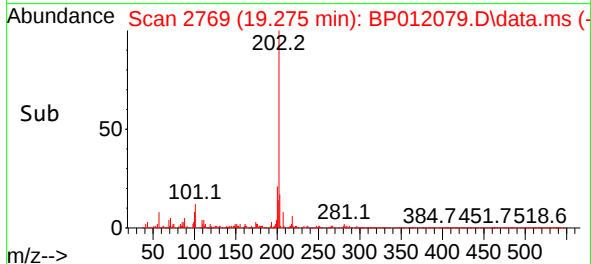
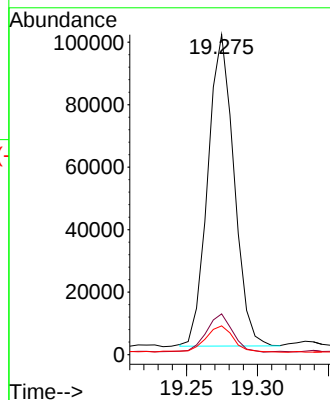
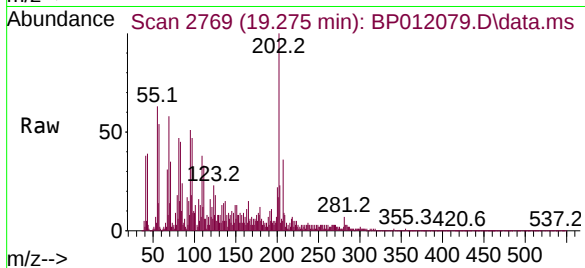
Tgt Ion:202 Resp: 127836

Ion Ratio Lower Upper

202 100

101 12.7 9.0 13.6

100 9.0 7.0 10.6



#82

Pyrene

Concen: 1.945 ng/ul

RT: 19.628 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BP012079.D

Acq: 12 Oct 2022 14:00

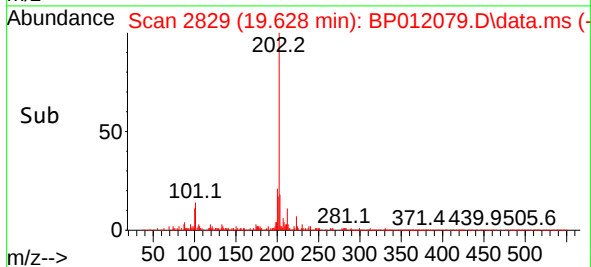
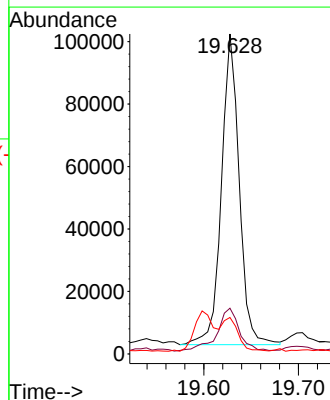
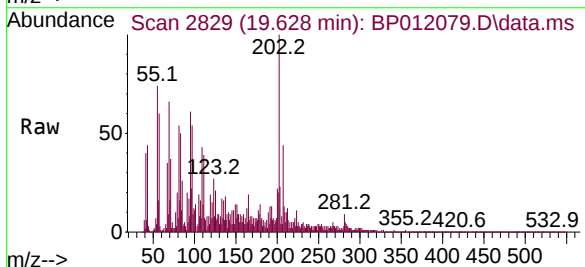
Tgt Ion:202 Resp: 129647

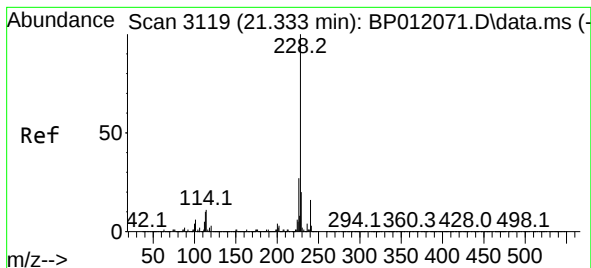
Ion Ratio Lower Upper

202 100

101 14.3 10.4 15.6

100 11.4 8.5 12.7





#85

Benzo(a)anthracene

Concen: 1.000 ng/ul

RT: 21.339 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BP012079.D

Acq: 12 Oct 2022 14:00

Instrument :

BNA_P

ClientSampleId :

C0BF8

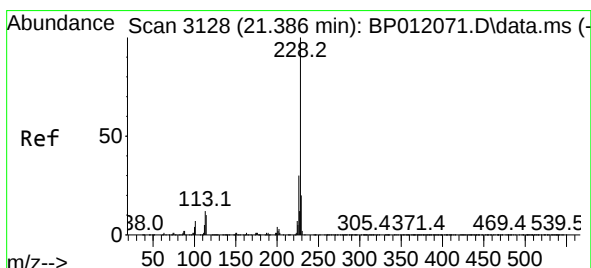
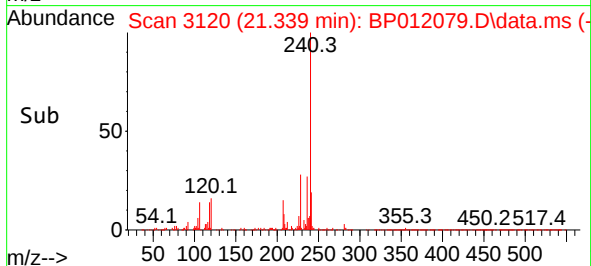
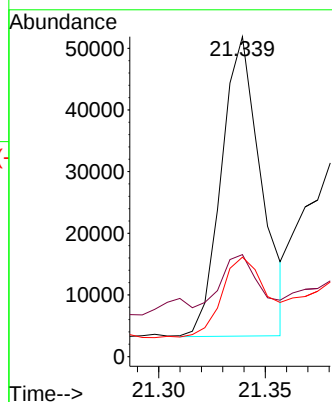
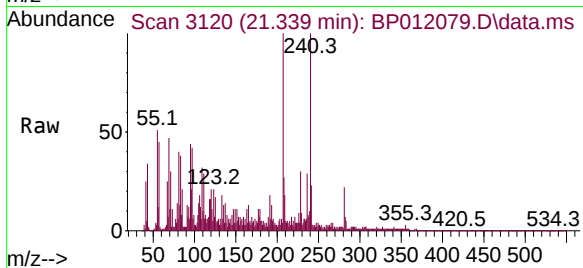
Tgt Ion:228 Resp: 63153

Ion Ratio Lower Upper

228 100

229 31.9 15.7 23.5#

226 31.1 21.9 32.9



#87

Chrysene

Concen: 1.289 ng/ul

RT: 21.392 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP012079.D

Acq: 12 Oct 2022 14:00

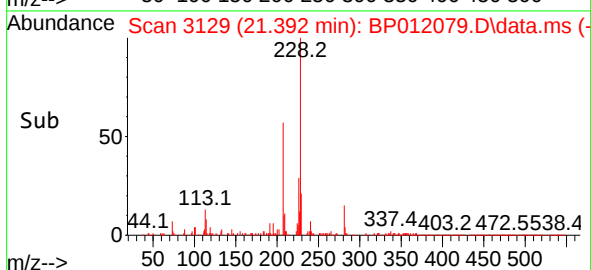
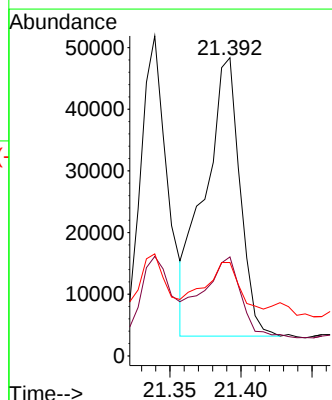
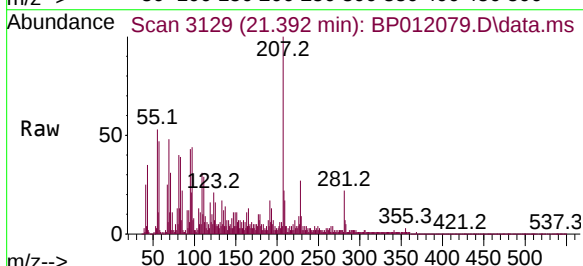
Tgt Ion:228 Resp: 78362

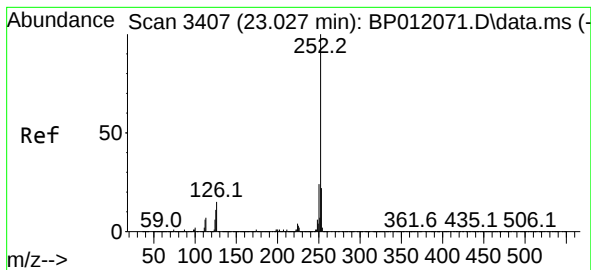
Ion Ratio Lower Upper

228 100

226 33.2 24.0 36.0

229 31.3 15.5 23.3#





#90

Benzo(b)fluoranthene

Concen: 1.332 ng/ul

RT: 23.033 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP012079.D

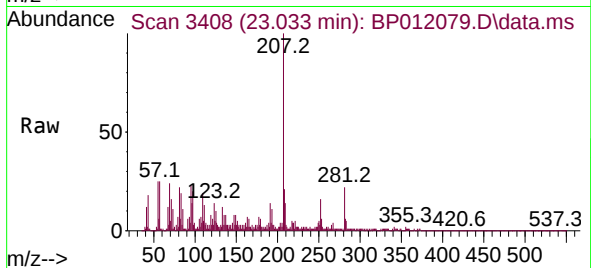
Acq: 12 Oct 2022 14:00

Instrument :

BNA_P

ClientSampleId :

C0BF8



Tgt Ion:252 Resp: 95594

Ion Ratio Lower Upper

252 100

253 36.1 17.6 26.4#

125 62.5 7.8 11.8#

