

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102924\
 Data File : BP022731.D
 Acq On : 30 Oct 2024 11:23
 Operator : RC/JU
 Sample : P4492-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EN0

Quant Time: Oct 30 12:26:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

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

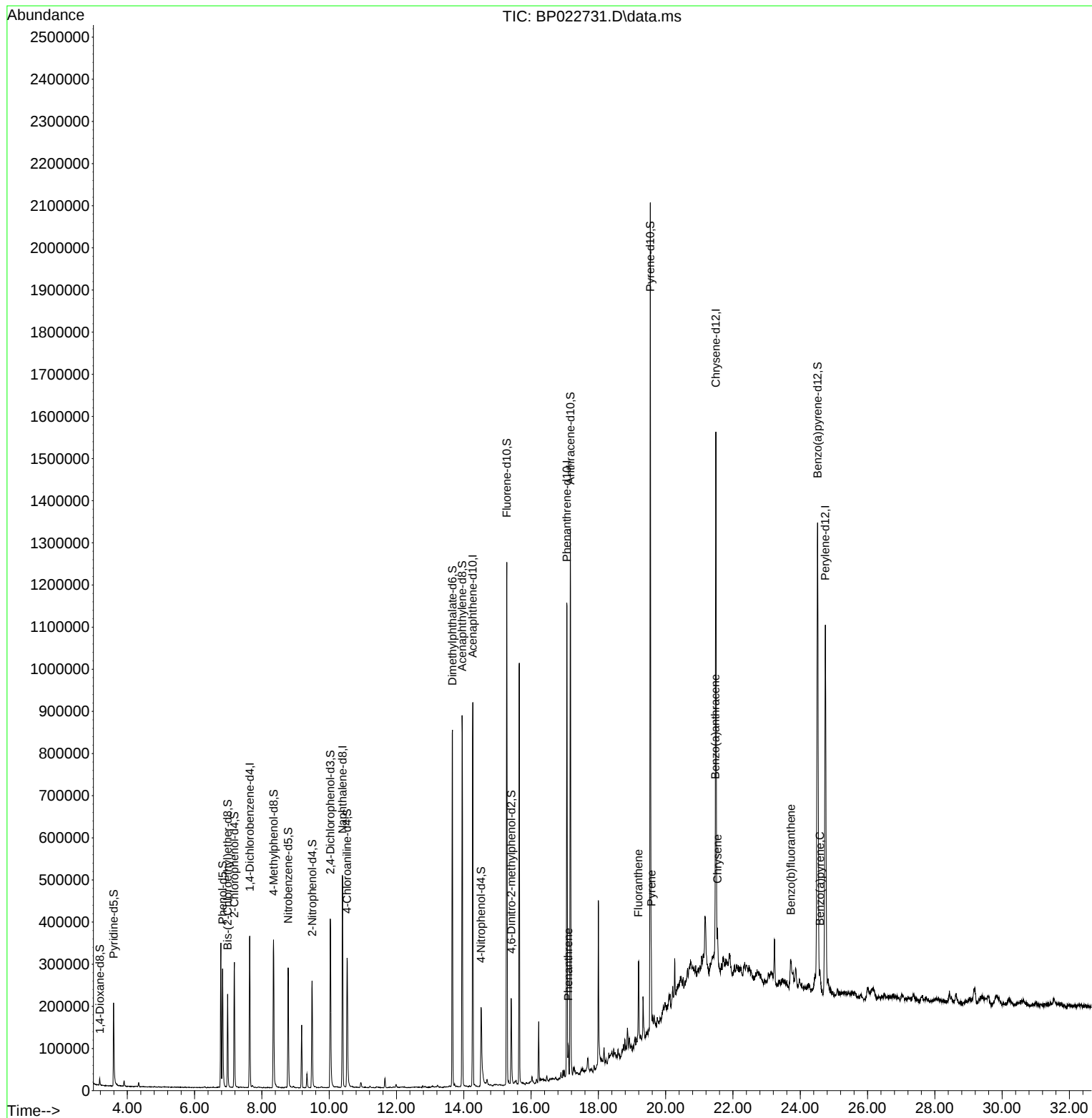
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	101468	20.000	ng/u1	0.00
20) Naphthalene-d8	10.398	136	393172	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	299313	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	688191	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	725608	20.000	ng/u1	0.00
88) Perylene-d12	24.745	264	941436	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7451	2.854	ng/uL	0.00
4) Pyridine-d5	3.593	84	113657	15.856	ng/u1	0.00
7) Phenol-d5	6.834	99	163162	19.103	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	92914	18.508	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	124912	20.610	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	141591	20.772	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	61948	20.492	ng/u1	0.00
24) 2-Nitrophenol-d4	9.492	143	75518	21.577	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	155895	20.957	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	170547	19.403	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	551760	23.202	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	595861	23.591	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	64309	16.119	ng/u1	0.00
60) Fluorene-d10	15.280	176	497955	24.141	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	57699	12.748	ng/u1	0.00
73) Anthracene-d10	17.169	188	804716	24.857	ng/u1	0.00
81) Pyrene-d10	19.545	212	1015918	26.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.515	264	1279090	25.441	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	47020	1.277	ng/u1	98
80) Fluoranthene	19.192	202	117625	2.666	ng/u1	97
82) Pyrene	19.574	202	111885	2.366	ng/u1#	96
85) Benzo(a)anthracene	21.474	228	63306	1.245	ng/u1	97
87) Chrysene	21.539	228	61066	1.295	ng/u1	97
90) Benzo(b)fluoranthene	23.721	252	76846	1.297	ng/u1	93
93) Benzo(a)pyrene	24.586	252	54631	1.002	ng/u1#	90

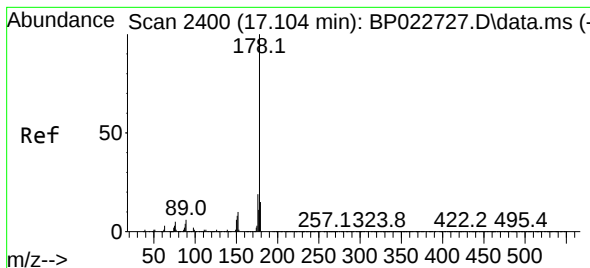
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.277 ng/ul

RT: 17.104 min Scan# 2400

Delta R.T. -0.000 min

Lab File: BP022731.D

Acq: 30 Oct 2024 11:23

Instrument :

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A4EN0

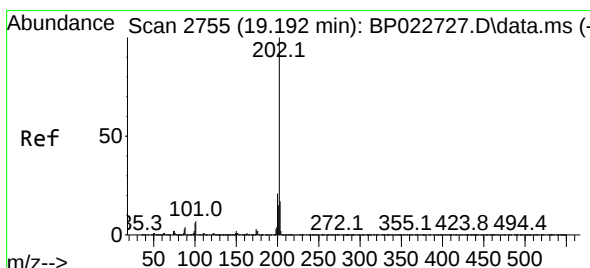
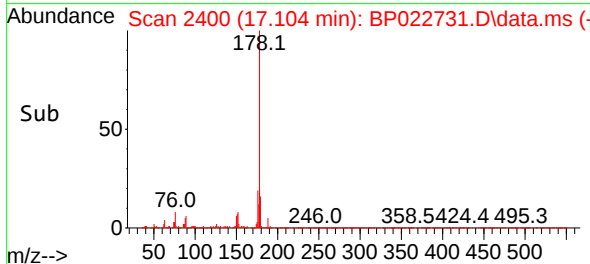
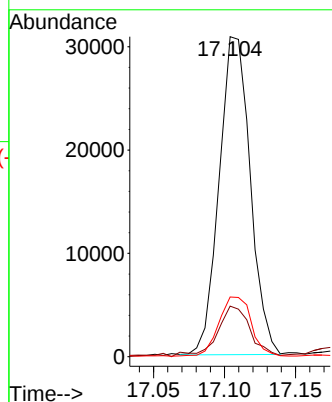
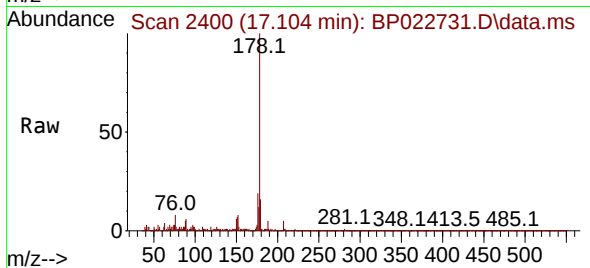
Tgt Ion:178 Resp: 47020

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

176 18.7 15.7 23.5



#80

Fluoranthene

Concen: 2.666 ng/ul

RT: 19.192 min Scan# 2755

Delta R.T. -0.000 min

Lab File: BP022731.D

Acq: 30 Oct 2024 11:23

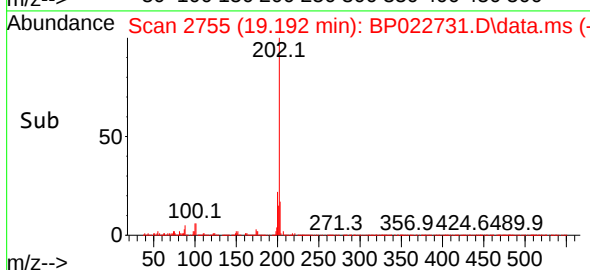
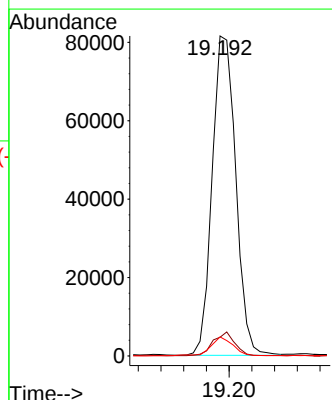
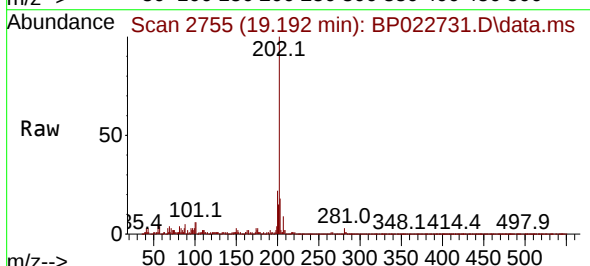
Tgt Ion:202 Resp: 117625

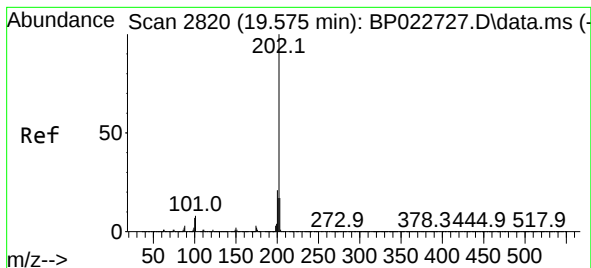
Ion Ratio Lower Upper

202 100

101 5.9 5.8 8.8

100 5.9 4.5 6.7





#82

Pyrene

Concen: 2.366 ng/ul

RT: 19.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP022731.D

Acq: 30 Oct 2024 11:23

Instrument :

BNA_P

ClientSampleId :

A4EN0

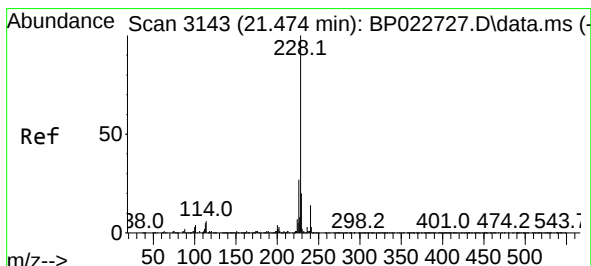
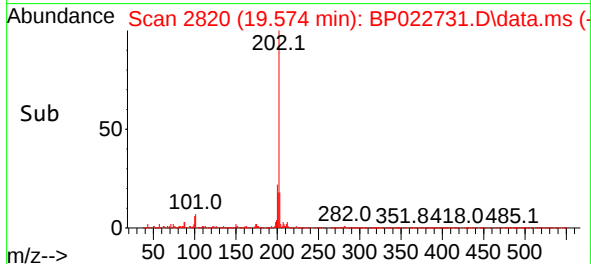
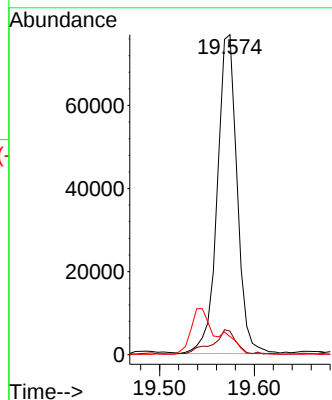
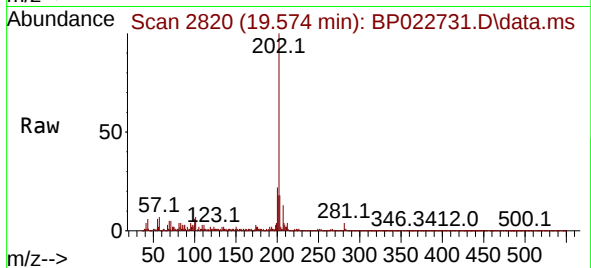
Tgt Ion:202 Resp: 111885

Ion Ratio Lower Upper

202 100

101 7.4 6.7 10.1

100 5.7 5.8 8.6#



#85

Benzo(a)anthracene

Concen: 1.245 ng/ul

RT: 21.474 min Scan# 3143

Delta R.T. -0.000 min

Lab File: BP022731.D

Acq: 30 Oct 2024 11:23

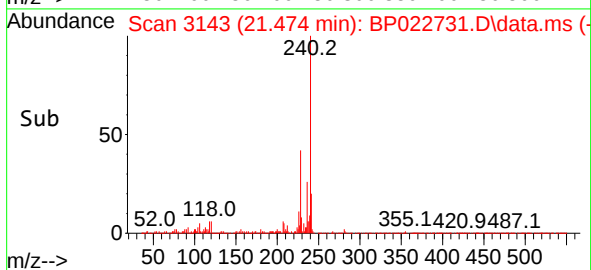
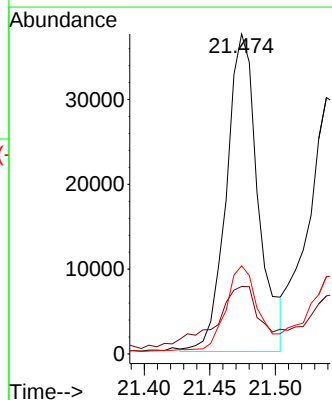
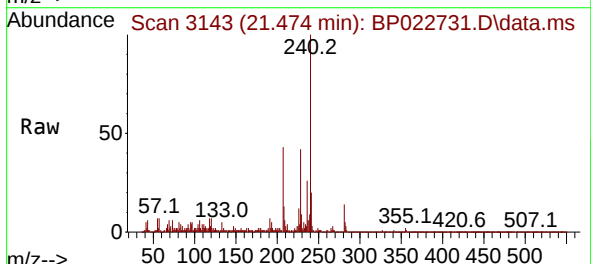
Tgt Ion:228 Resp: 63306

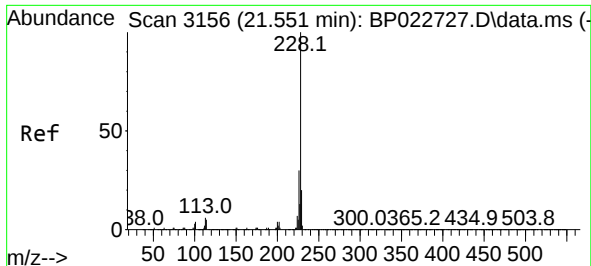
Ion Ratio Lower Upper

228 100

229 21.1 15.4 23.0

226 27.6 21.5 32.3

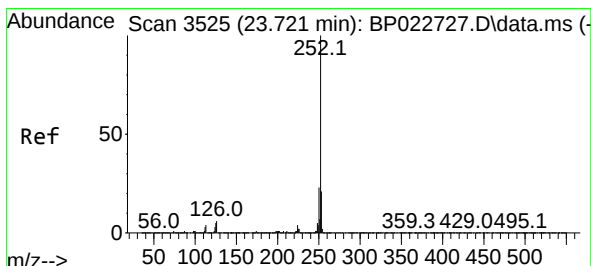
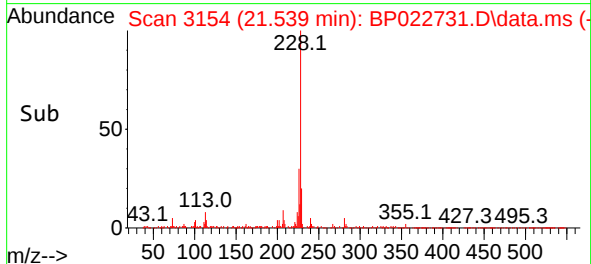
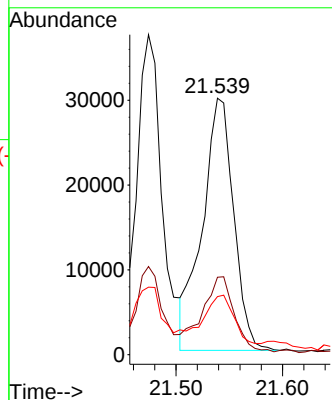
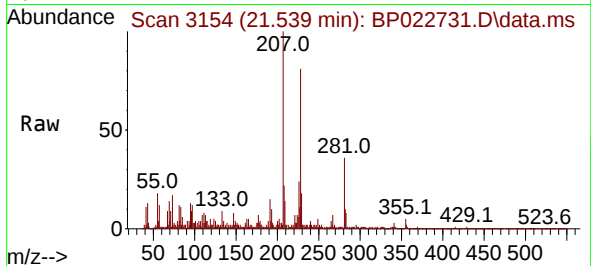




#87
Chrysene
Concen: 1.295 ng/ul
RT: 21.539 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BP022731.D
Acq: 30 Oct 2024 11:23

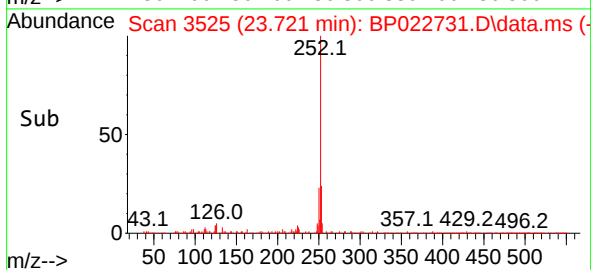
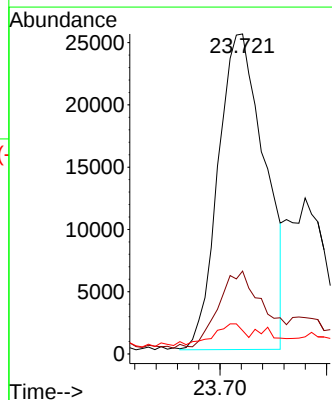
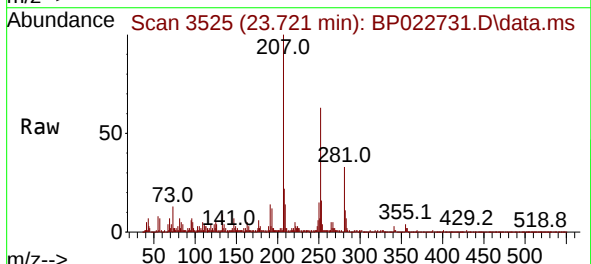
Instrument :
BNA_P
ClientSampleId :
A4EN0

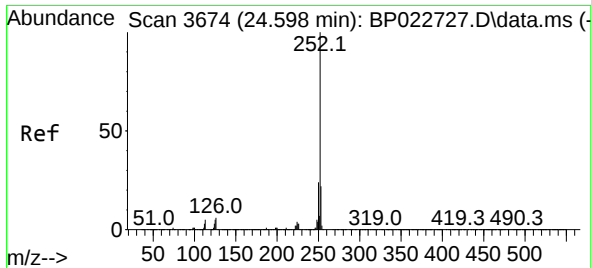
Tgt Ion:228	Resp: 61066
Ion Ratio	Lower Upper
228 100	
226 30.2	23.8 35.8
229 22.7	15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 1.297 ng/ul
RT: 23.721 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BP022731.D
Acq: 30 Oct 2024 11:23

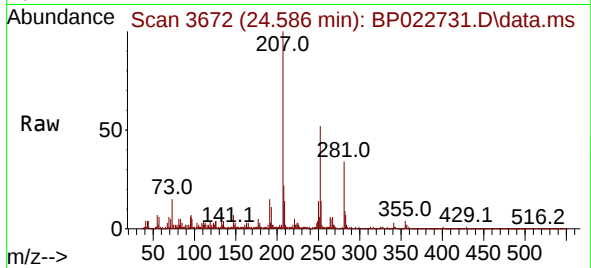
Tgt Ion:252	Resp: 76846
Ion Ratio	Lower Upper
252 100	
253 25.9	17.8 26.8
125 7.3	5.0 7.4





#93
 Benzo(a)pyrene
 Concen: 1.002 ng/ul
 RT: 24.586 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BP022731.D
 Acq: 30 Oct 2024 11:23

Instrument :
 BNA_P
 ClientSampleId :
 A4EN0



Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.7	26.5#
125	7.9	4.9	7.3#

