

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022289.D
 Acq On : 09 Oct 2024 14:19
 Operator : RC/JU
 Sample : P4162-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4ES8

Quant Time: Oct 09 14:58:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 02:14:47 2024
 Response via : Initial Calibration

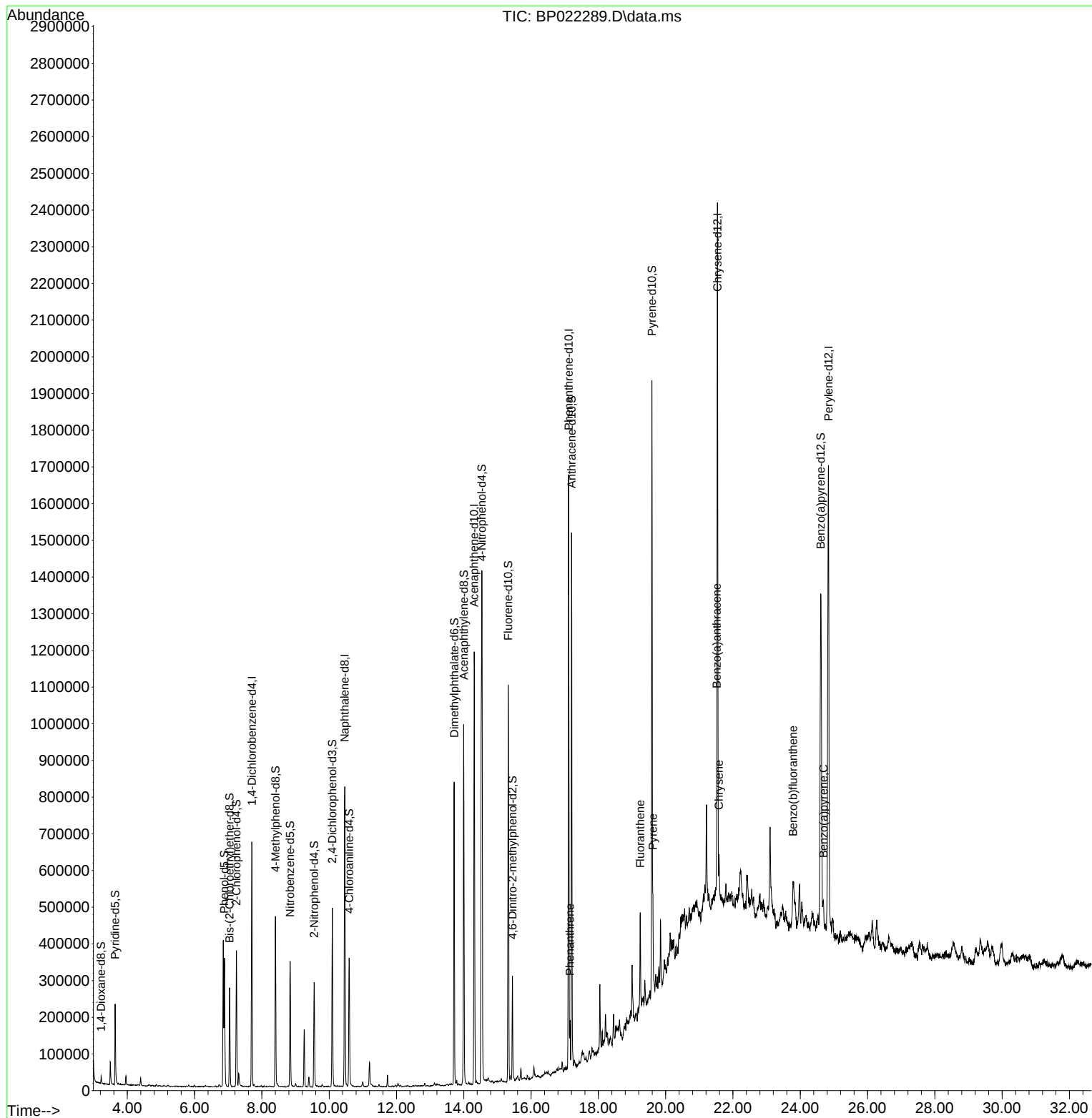
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	184200	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	667046	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	447991	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	940407	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1069307	20.000	ng/u1	0.00
88) Perylene-d12	24.839	264	1332464	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	8704	1.836	ng/uL	0.00
4) Pyridine-d5	3.640	84	118171	9.081	ng/u1	0.00
7) Phenol-d5	6.887	99	197151	12.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	119962	13.164	ng/u1	0.00
11) 2-Chlorophenol-d4	7.245	132	151993	13.815	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	166326	13.441	ng/u1	0.00
21) Nitrobenzene-d5	8.839	128	75565	14.733	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	90671	15.270	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	178434	14.138	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	187422	12.568	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	555702	15.612	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	610602	16.151	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	67646	11.328	ng/u1	0.00
60) Fluorene-d10	15.322	176	473449	15.335	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	66120	10.691	ng/u1	0.00
73) Anthracene-d10	17.204	188	732816	16.565	ng/u1	-0.01
81) Pyrene-d10	19.592	212	946179	16.733	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.609	264	1194065	16.780	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.157	178	65429	1.300	ng/u1	99
80) Fluoranthene	19.245	202	158246	2.434	ng/u1	99
82) Pyrene	19.621	202	157564	2.261	ng/u1	99
85) Benzo(a)anthracene	21.521	228	90189	1.203	ng/u1	96
87) Chrysene	21.586	228	96144	1.383	ng/u1	97
90) Benzo(b)fluoranthene	23.786	252	128320	1.530	ng/u1#	93
93) Benzo(a)pyrene	24.692	252	94650	1.226	ng/u1#	93

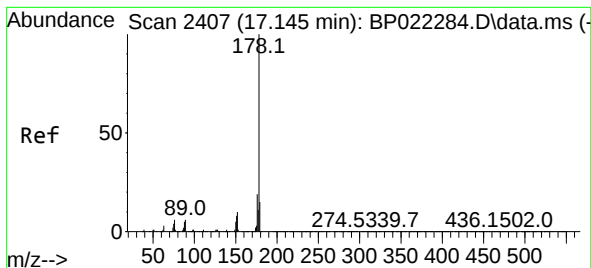
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.300 ng/ul

RT: 17.157 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP022289.D

Acq: 09 Oct 2024 14:19

Instrument :

BNA_P

ClientSampleId :

A4ES8

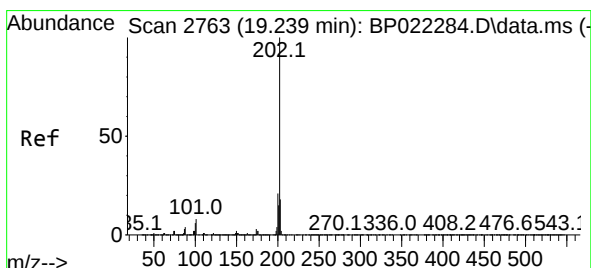
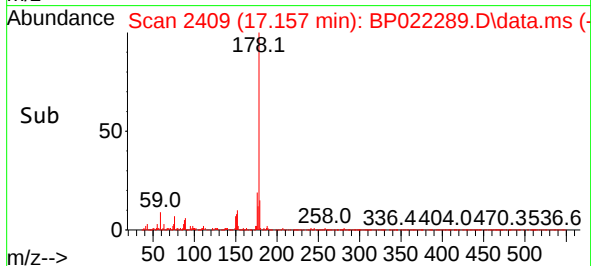
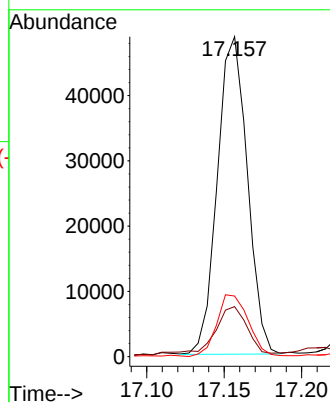
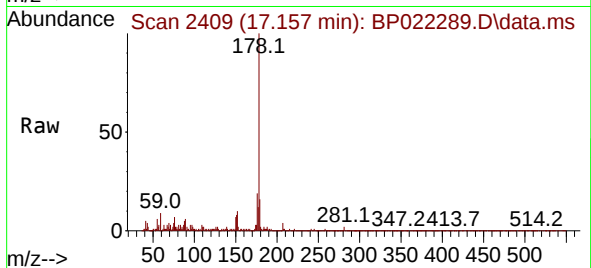
Tgt Ion:178 Resp: 65429

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.9 15.7 23.5



#80

Fluoranthene

Concen: 2.434 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. -0.000 min

Lab File: BP022289.D

Acq: 09 Oct 2024 14:19

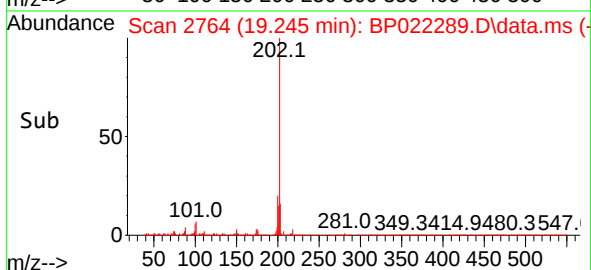
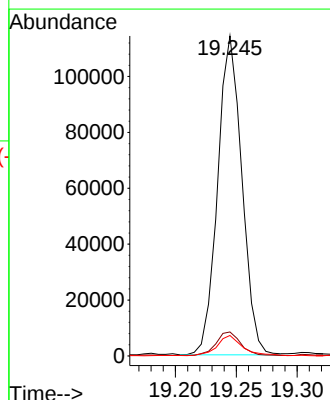
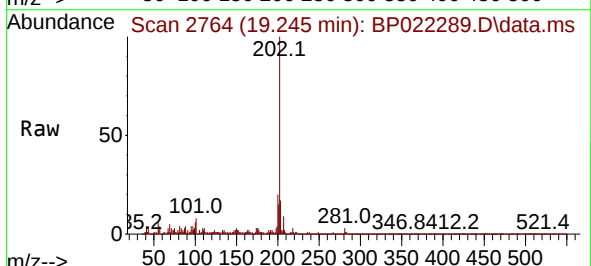
Tgt Ion:202 Resp: 158246

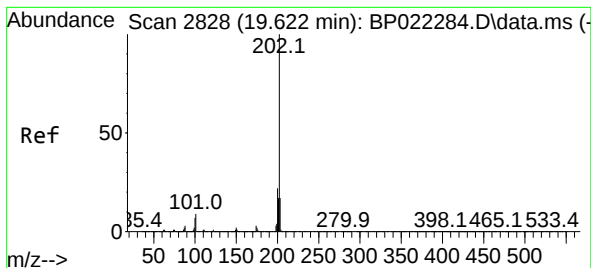
Ion Ratio Lower Upper

202 100

101 7.5 5.8 8.8

100 6.4 4.5 6.7





#82

Pyrene

Concen: 2.261 ng/ul

RT: 19.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP022289.D

Acq: 09 Oct 2024 14:19

Instrument :

BNA_P

ClientSampleId :

A4ES8

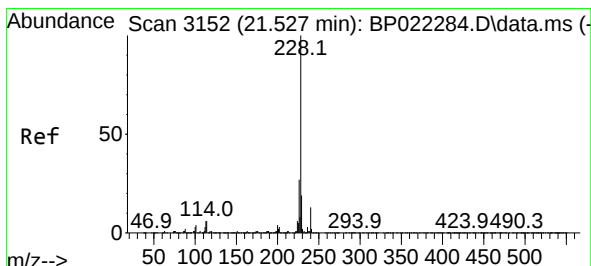
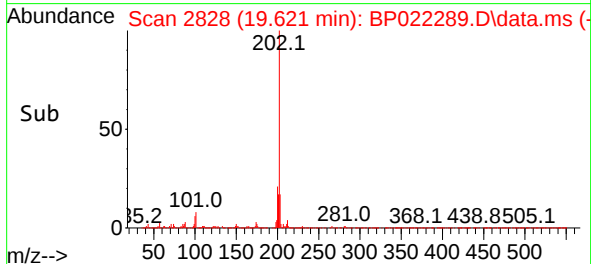
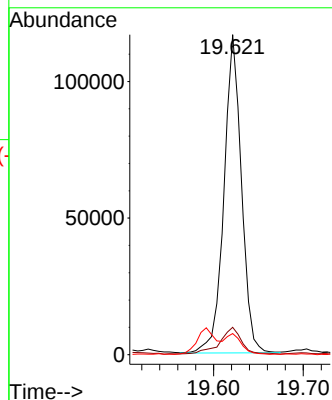
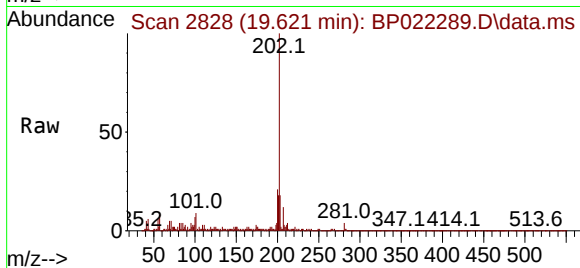
Tgt Ion:202 Resp: 157564

Ion Ratio Lower Upper

202 100

101 8.5 6.7 10.1

100 6.6 5.8 8.6



#85

Benzo(a)anthracene

Concen: 1.203 ng/ul

RT: 21.521 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BP022289.D

Acq: 09 Oct 2024 14:19

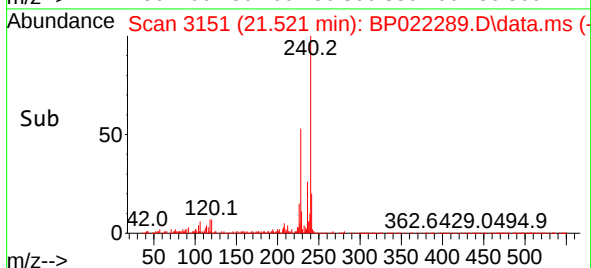
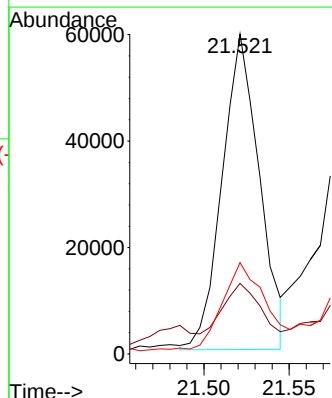
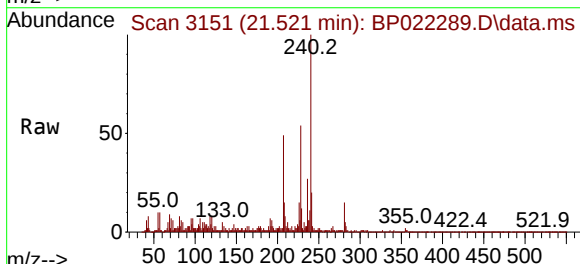
Tgt Ion:228 Resp: 90189

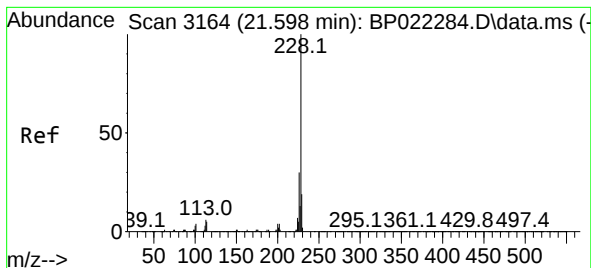
Ion Ratio Lower Upper

228 100

229 22.0 15.4 23.0

226 28.6 21.5 32.3





#87

Chrysene

Concen: 1.383 ng/ul

RT: 21.586 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP022289.D

Acq: 09 Oct 2024 14:19

Instrument :

BNA_P

ClientSampleId :

A4ES8

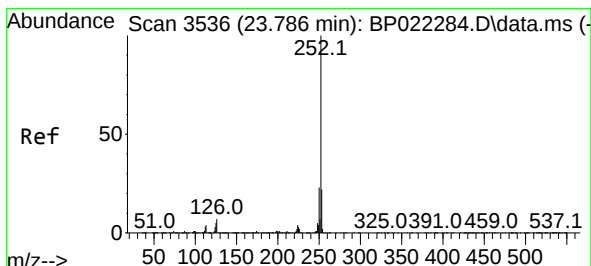
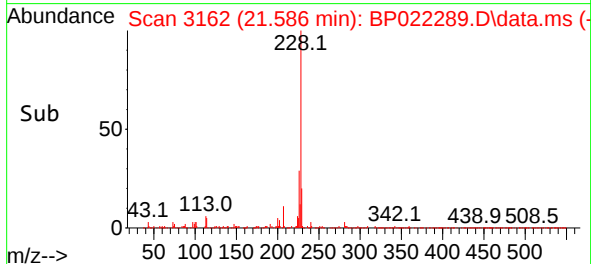
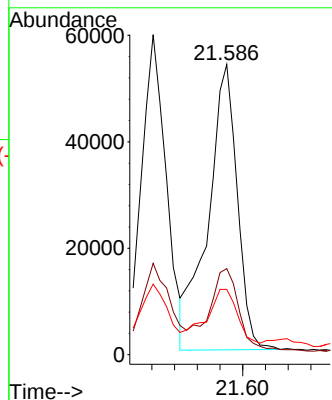
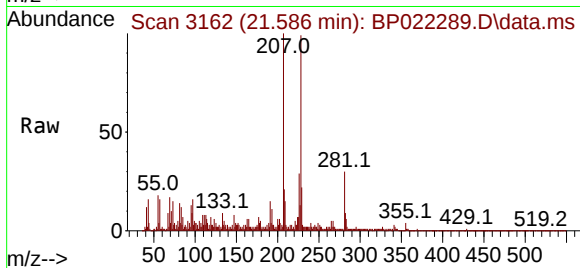
Tgt Ion:228 Resp: 96144

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 22.5 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 1.530 ng/ul

RT: 23.786 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP022289.D

Acq: 09 Oct 2024 14:19

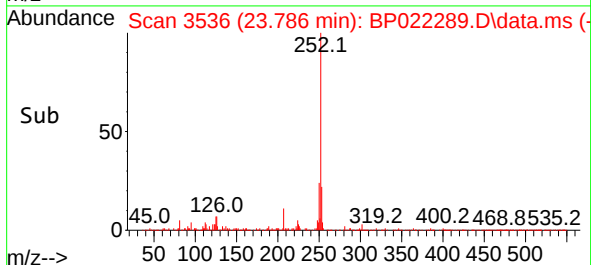
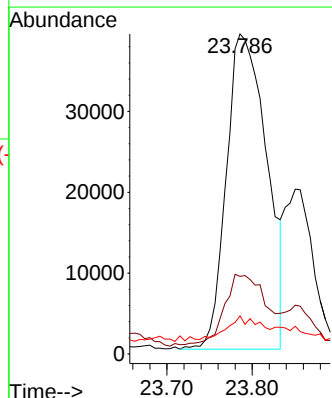
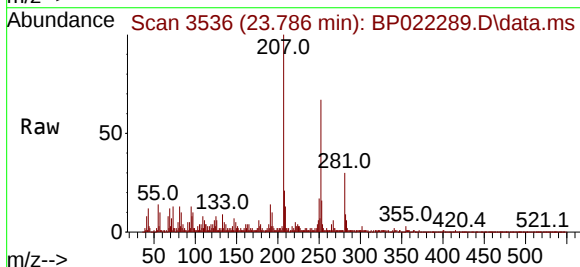
Tgt Ion:252 Resp: 128320

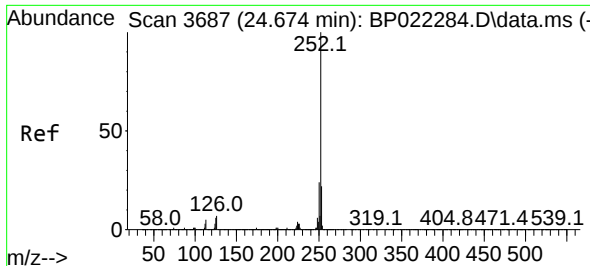
Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.8

125 11.9 5.0 7.4#





#93
 Benzo(a)pyrene
 Concen: 1.226 ng/ul
 RT: 24.692 min Scan# 30
 Delta R.T. 0.017 min
 Lab File: BP022289.D
 Acq: 09 Oct 2024 14:19

Instrument :
 BNA_P
 ClientSampleId :
 A4ES8

Tgt Ion:252 Resp: 94650
 Ion Ratio Lower Upper
 252 100
 253 25.4 17.7 26.5
 125 8.9 4.9 7.3#

