

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
 Data File : BP022418.D
 Acq On : 16 Oct 2024 17:50
 Operator : RC/JU
 Sample : P4284-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EQ1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/18/2024

Quant Time: Oct 16 18:17:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 11:47:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	87633	20.000	ng/u1	0.04
20) Naphthalene-d8	10.422	136	329172	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.281	164	270501	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	630360	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	750624	20.000	ng/u1	# 0.00
88) Perylene-d12	24.780	264	954801	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3200	1.419	ng/uL	0.02
4) Pyridine-d5	3.599	84	5120	0.827	ng/u1	0.01
7) Phenol-d5	6.858	99	44158	5.986	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.011	67	31195	7.195	ng/u1	0.04
11) 2-Chlorophenol-d4	7.211	132	35923	6.863	ng/u1	0.04
15) 4-Methylphenol-d8	8.375	113	12022	2.042	ng/u1	0.04
21) Nitrobenzene-d5	8.805	128	19037	7.522	ng/u1	0.04
24) 2-Nitrophenol-d4	9.522	143	21171	7.225	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.052	165	38743	6.221	ng/u1	0.03
31) 4-Chloroaniline-d4	10.569	131	4143m	0.563	ng/u1	0.04
46) Dimethylphthalate-d6	13.675	166	154931	7.209	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	159834	7.002	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	16682	4.627	ng/u1	0.02
60) Fluorene-d10	15.293	176	135775	7.284	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	21230	5.121	ng/u1	0.00
73) Anthracene-d10	17.175	188	209539	7.066	ng/u1	-0.01
81) Pyrene-d10	19.569	212	229416	5.780	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.563	264	182265	3.574	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.128	178	136965	4.061	ng/u1	98
80) Fluoranthene	19.222	202	216304	4.740	ng/u1	96
82) Pyrene	19.598	202	118456	2.422	ng/u1	97
85) Benzo(a)anthracene	21.492	228	98421	1.870	ng/u1	98
87) Chrysene	21.563	228	95760	1.963	ng/u1	97
90) Benzo(b)fluoranthene	23.745	252	136572	2.272	ng/u1	100

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

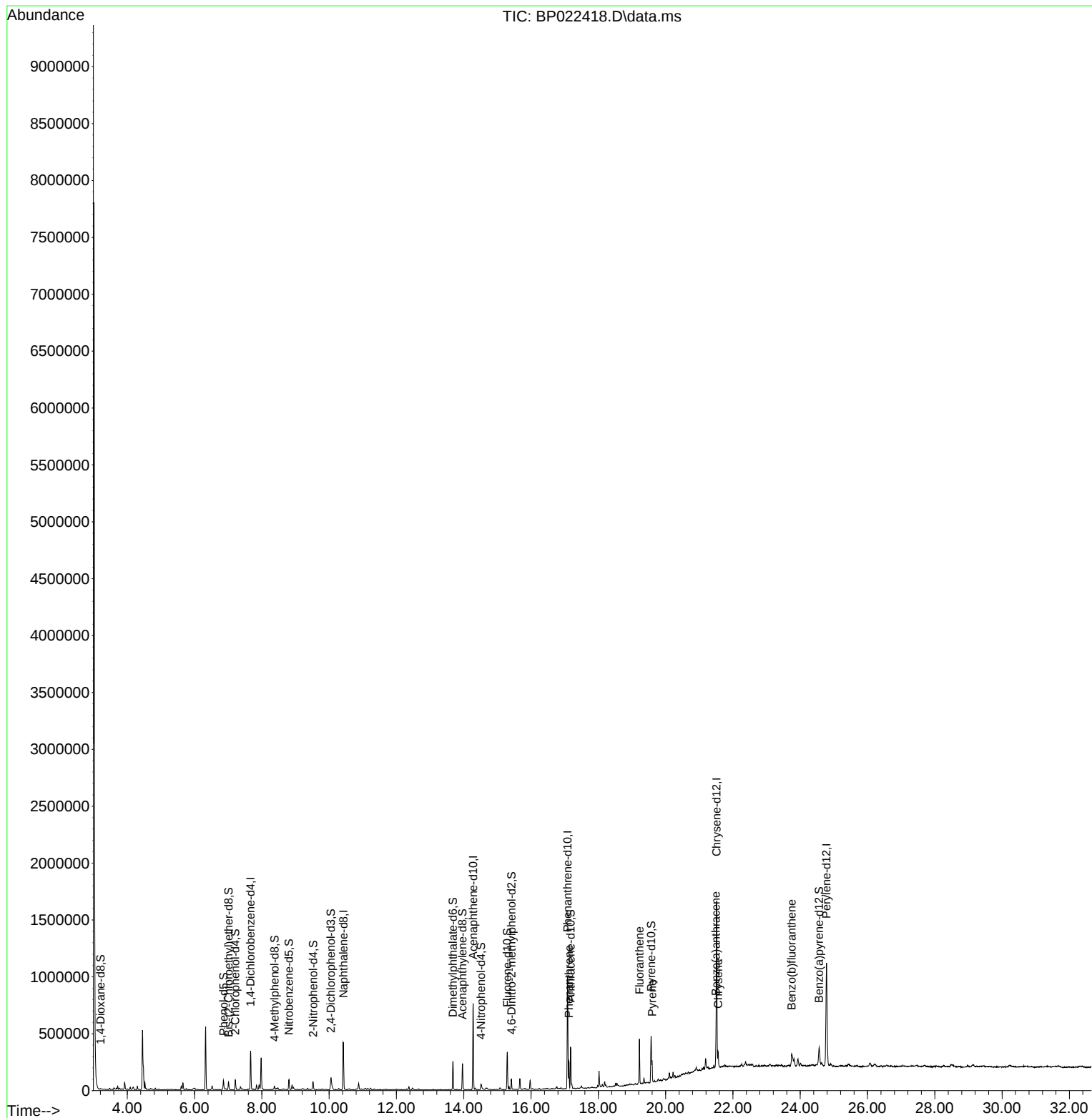
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
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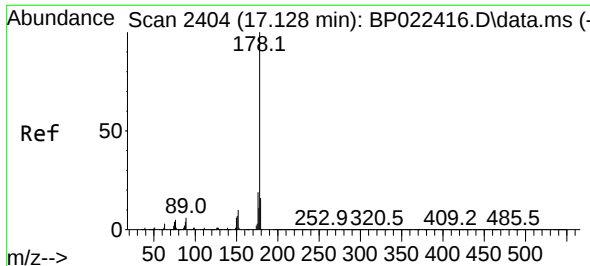
Instrument :
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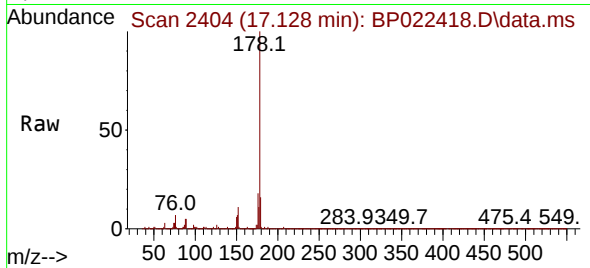
Quant Time: Oct 16 18:17:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 11:47:52 2024
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#72
Phenanthrene
Concen: 4.061 ng/ul
RT: 17.128 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP022418.D
Acq: 16 Oct 2024 17:50

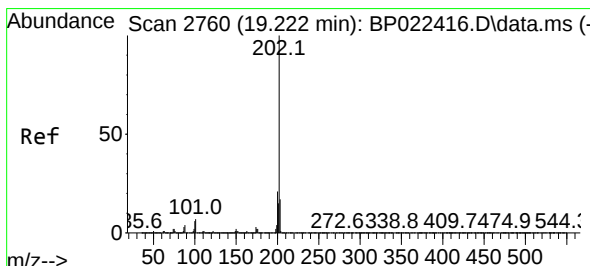
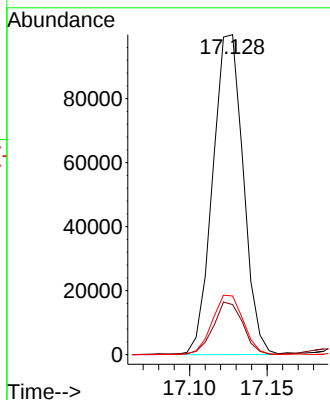
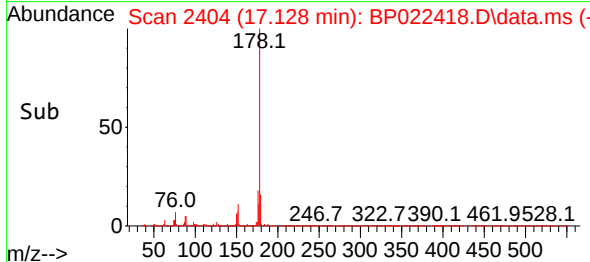
Instrument :
BNA_P
ClientSampleId :
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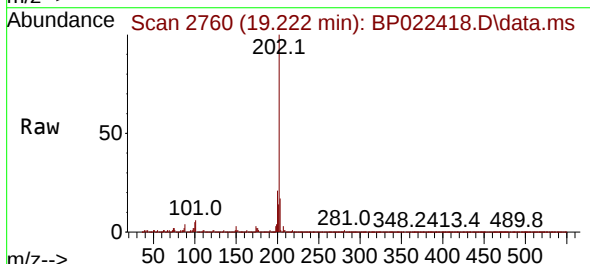
Tgt Ion:178 Resp: 136968
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 18.3 15.7 23.5

Manual Integrations
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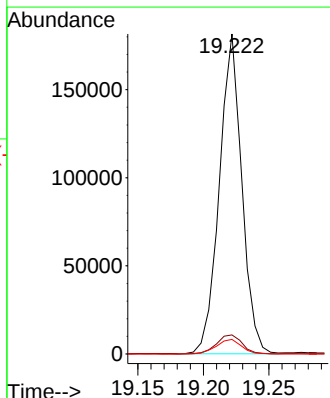
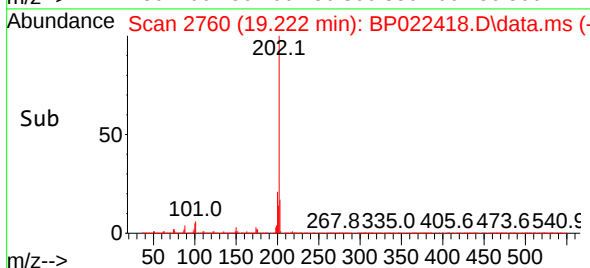
Reviewed By :Yogesh Patel 10/17/2024
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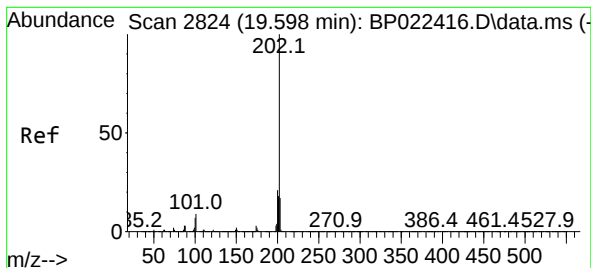


#80
Fluoranthene
Concen: 4.740 ng/ul
RT: 19.222 min Scan# 2760
Delta R.T. -0.005 min
Lab File: BP022418.D
Acq: 16 Oct 2024 17:50



Tgt Ion:202 Resp: 216304
Ion Ratio Lower Upper
202 100
101 5.9 5.8 8.8
100 4.5 4.5 6.7





#82

Pyrene

Concen: 2.422 ng/ul

RT: 19.598 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP022418.D

Acq: 16 Oct 2024 17:50

Instrument :

BNA_P

ClientSampleId :

A4EQ1

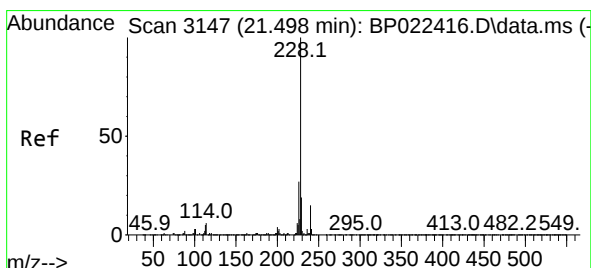
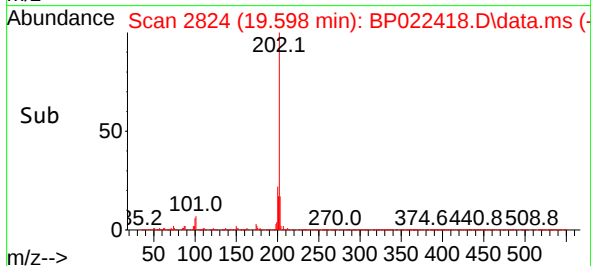
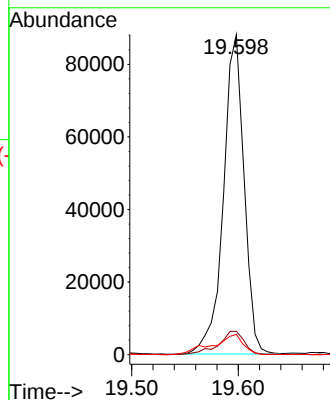
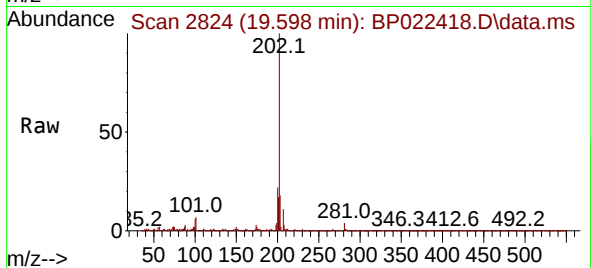
Tgt Ion:202 Resp: 118450
 Ion Ratio Lower Upper
 202 100
 101 7.3 6.7 10.1
 100 6.3 5.8 8.6

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#85

Benzo(a)anthracene

Concen: 1.870 ng/ul

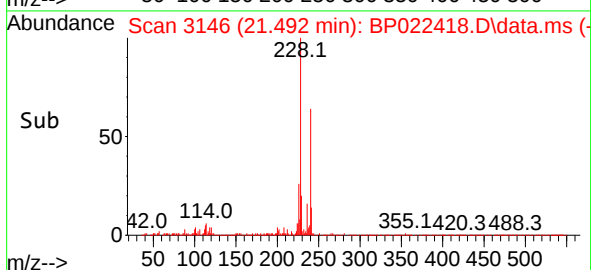
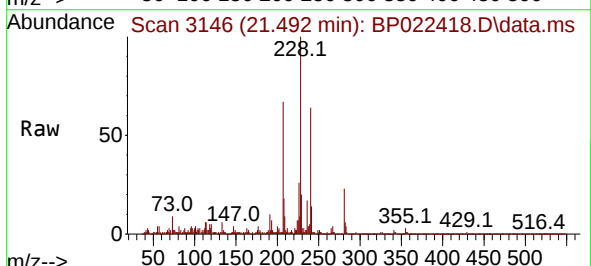
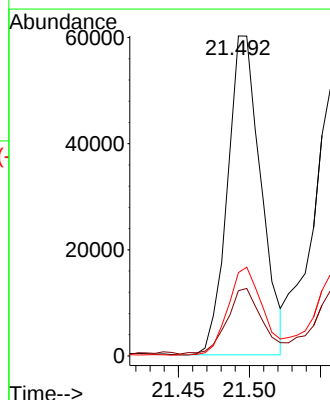
RT: 21.492 min Scan# 3146

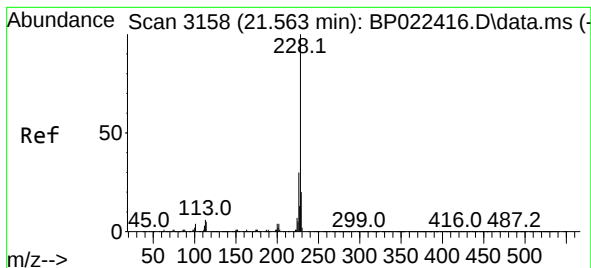
Delta R.T. -0.011 min

Lab File: BP022418.D

Acq: 16 Oct 2024 17:50

Tgt Ion:228 Resp: 98421
 Ion Ratio Lower Upper
 228 100
 229 20.4 15.4 23.0
 226 26.1 21.5 32.3





#87

Chrysene

Concen: 1.963 ng/ul

RT: 21.563 min Scan# 3158

Delta R.T. 0.000 min

Lab File: BP022418.D

Acq: 16 Oct 2024 17:50

Instrument :

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ClientSampleId :

A4EQ1

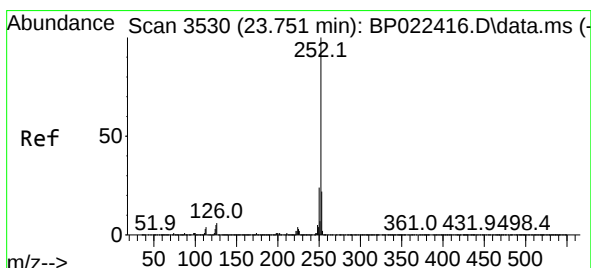
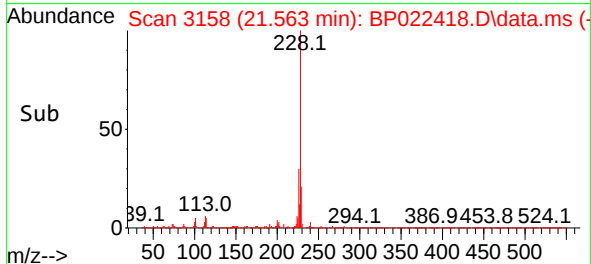
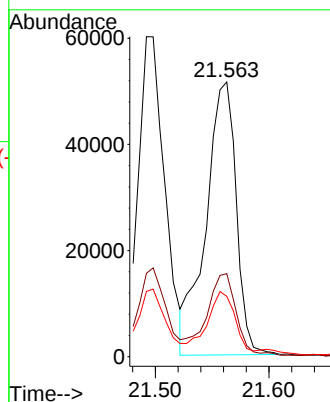
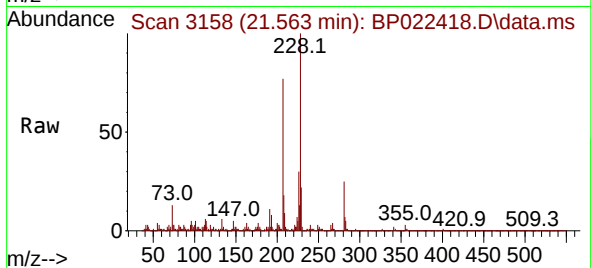
Tgt Ion:	228	Resp:	95760
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	22.0	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 2.272 ng/ul

RT: 23.745 min Scan# 3529

Delta R.T. -0.005 min

Lab File: BP022418.D

Acq: 16 Oct 2024 17:50

Tgt Ion:	252	Resp:	136572
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	5.7	5.0	7.4

