

Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBD93

Quant Time: Feb 26 05:56:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	370646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1581302	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1016921	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2338362	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2555183	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2497921	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	39180	4.39	ng/uL	0.00
5) Phenol-d5	6.83	99	813013	29.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	451484	27.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	704970	31.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	688382	30.99	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	346969	32.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	385368	39.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	733463	31.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	895984	32.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2336568	32.74	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2767230	31.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	386564	31.11	ng/ul	0.00
58) Fluorene-d10	15.29	176	2078007	32.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	279816	30.35	ng/ul	0.00
71) Anthracene-d10	17.13	188	3293886	31.98	ng/ul	0.00
79) Pyrene-d10	19.38	212	3943338	30.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	4145838	34.37	ng/ul	0.00

Target Compounds

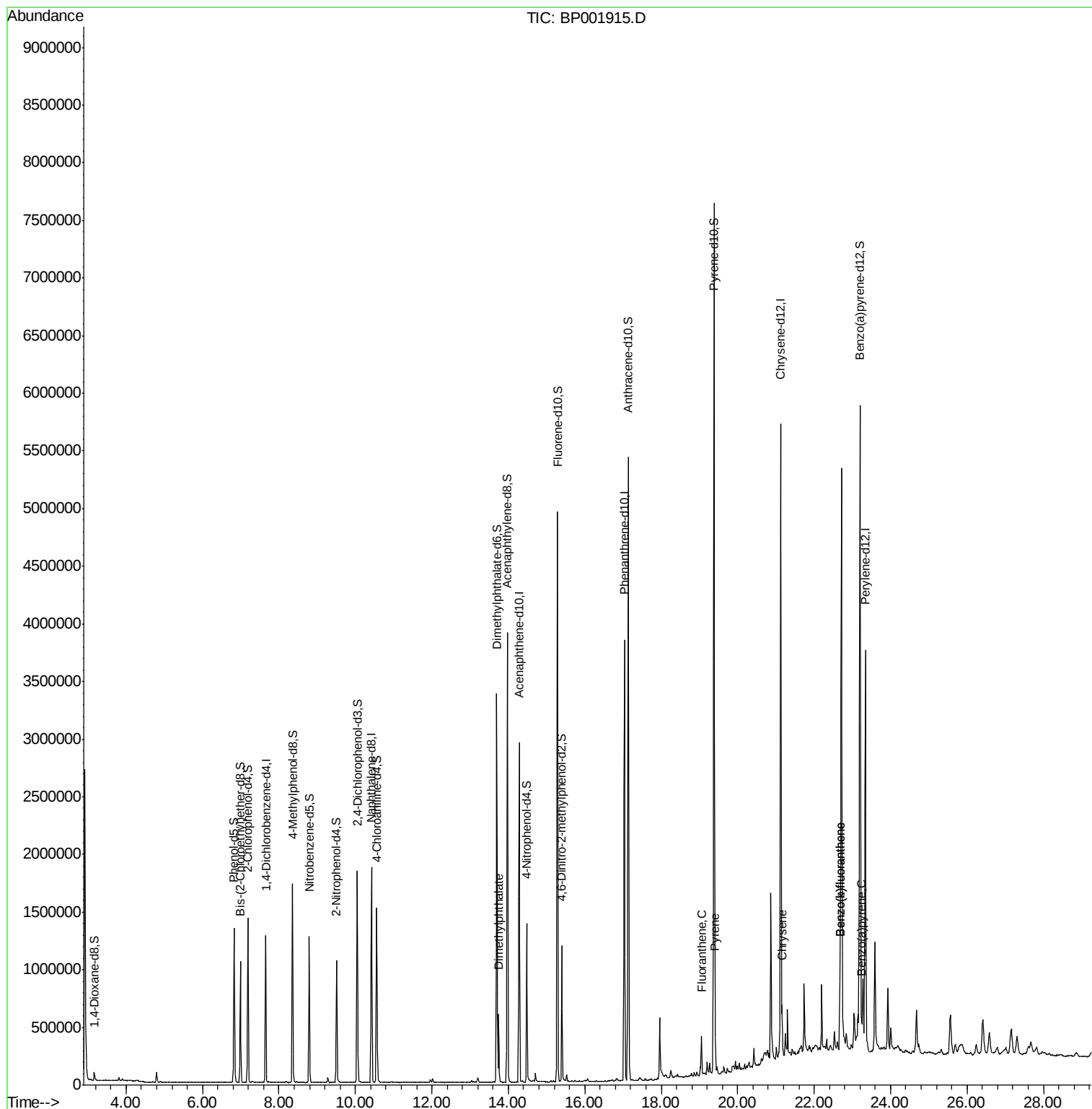
						Qvalue
45) Dimethylphthalate	13.75	163	394328	5.250	ng/ul	99
77) Fluoranthene	19.06	202	192633	1.395	ng/ul	96
80) Pyrene	19.41	202	302816	1.742	ng/ul	96
85) Chrysene	21.16	228	299635	1.823	ng/ul	99
88) Benzo(b)fluoranthene	22.67	252	497813	3.387	ng/ul	98
89) Benzo(k)fluoranthene	22.67	252	497813	3.267	ng/ul	99
91) Benzo(a)pyrene	23.24	252	148079	1.075	ng/ul	96

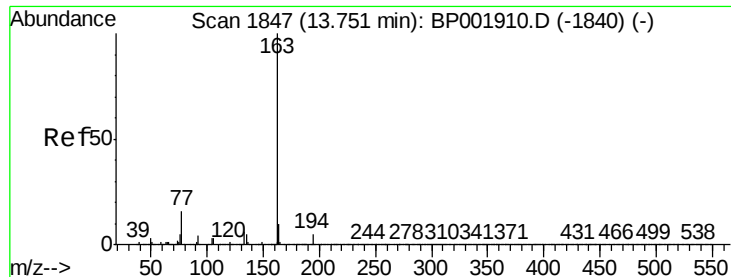
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 5.250 ng/ul

RT: 13.75 min Scan# 1846

Delta R.T. -0.01 min

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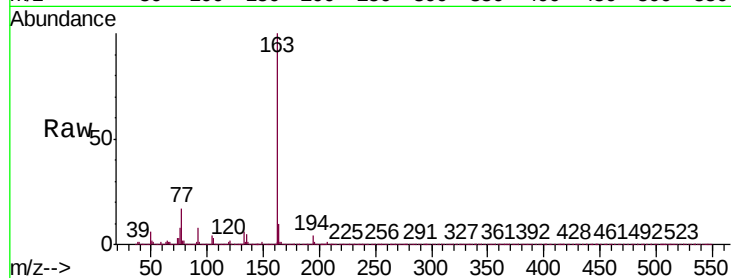
Tgt Ion:163 Resp: 394328

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

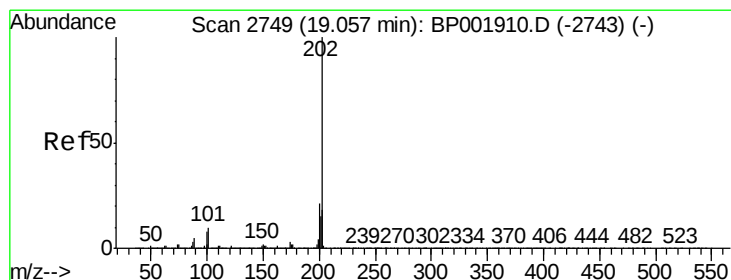
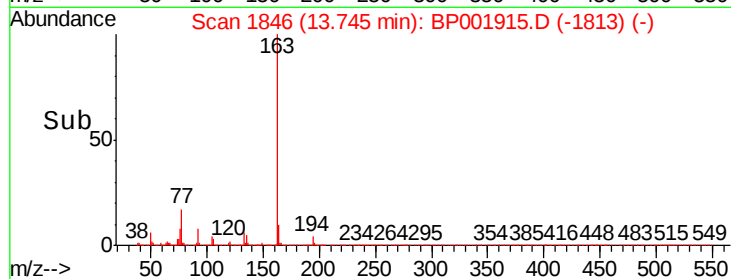
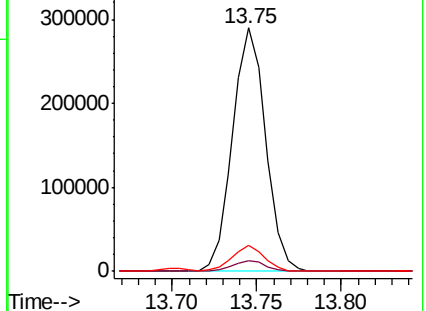
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#77

Fluoranthene

Concen: 1.395 ng/ul

RT: 19.06 min Scan# 2749

Delta R.T. -0.00 min

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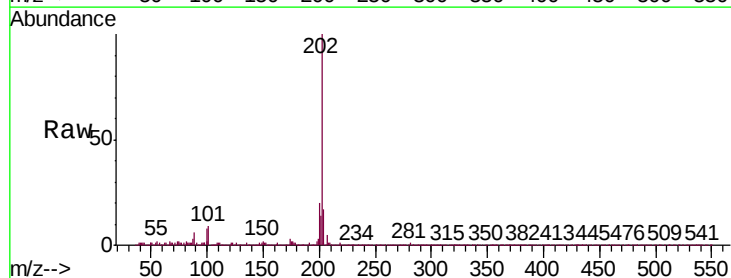
Tgt Ion:202 Resp: 192633

Ion Ratio Lower Upper

202 100

101 9.4 9.1 13.7

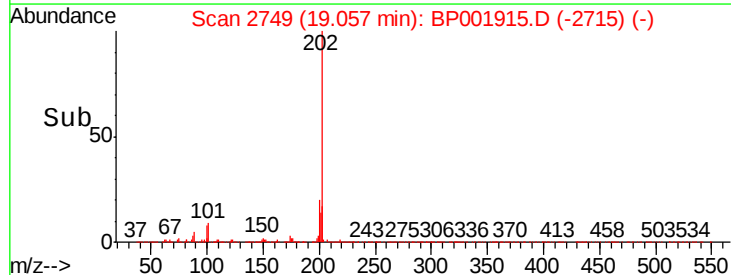
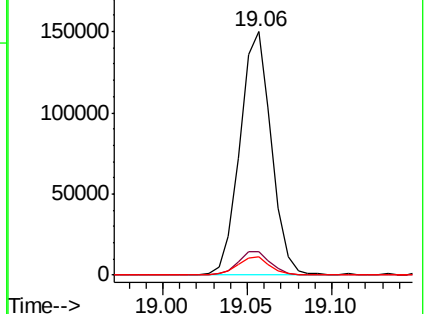
100 7.8 6.6 9.8

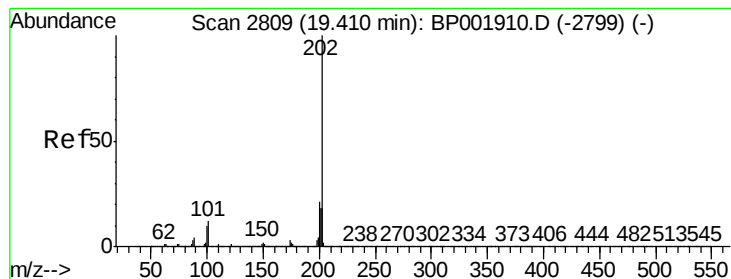


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 1.742 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. -0.00 min

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BNA_P

ClientSampleId :

DBD93

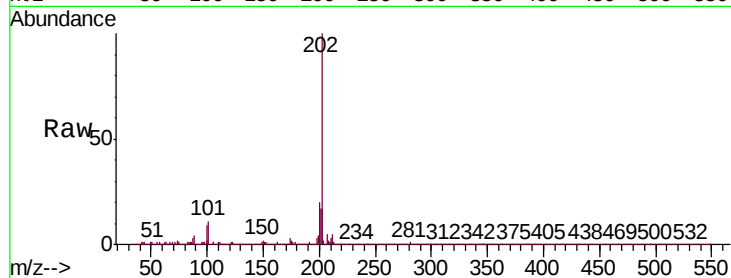
Tgt Ion:202 Resp: 302816

Ion Ratio Lower Upper

202 100

101 10.7 10.2 15.2

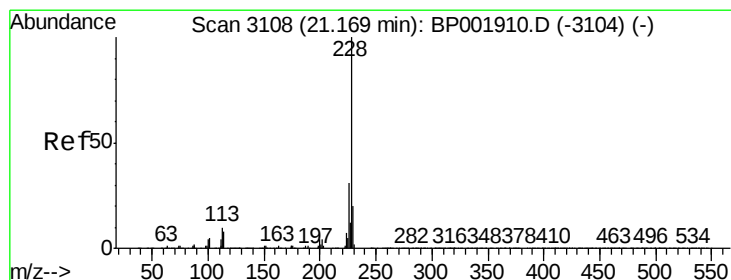
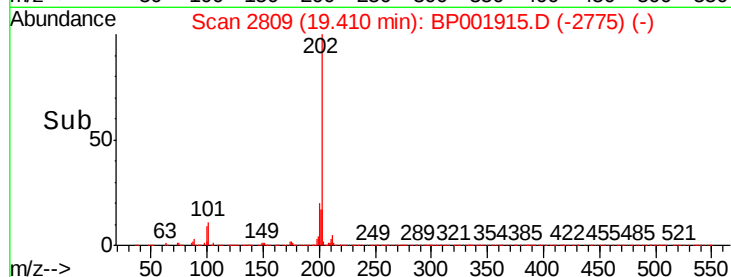
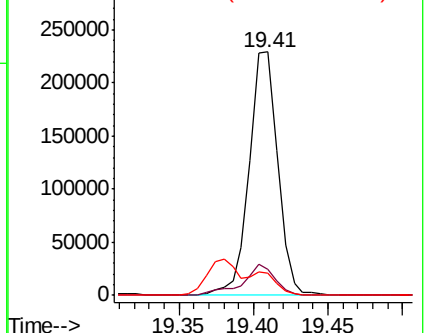
100 8.9 8.2 12.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#85

Chrysene

Concen: 1.823 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

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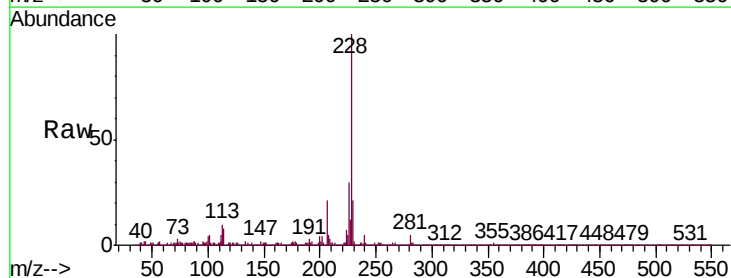
Tgt Ion:228 Resp: 299635

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

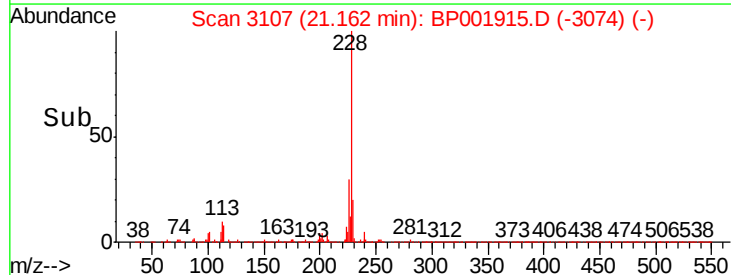
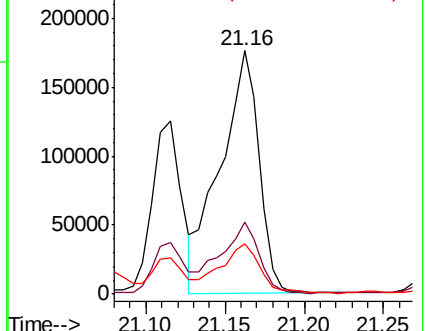
229 20.6 15.7 23.5

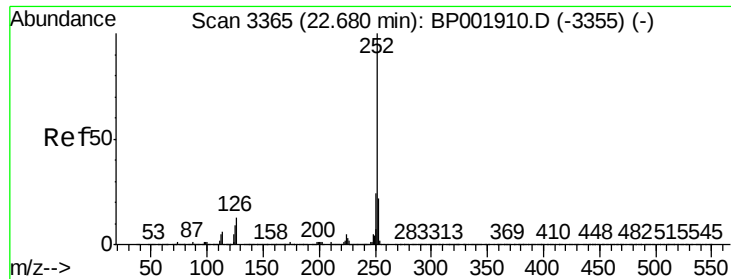


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.387 ng/ul

RT: 22.67 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BP001915.D

Acq: 26 Feb 2020 01:35

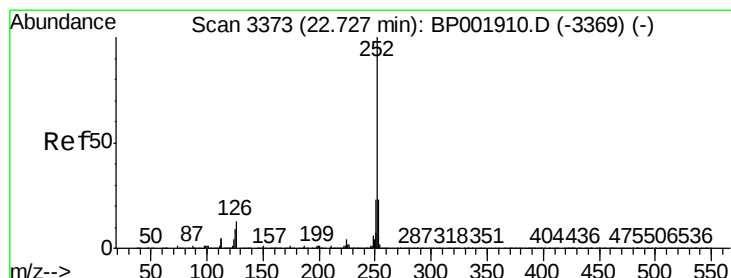
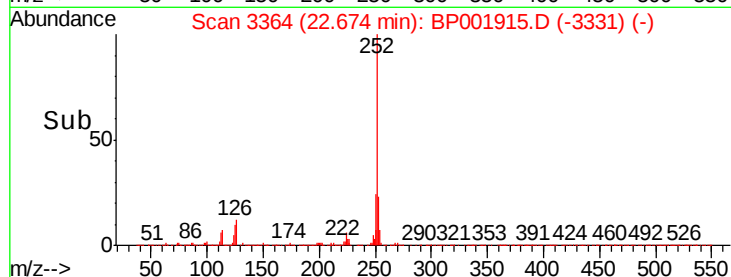
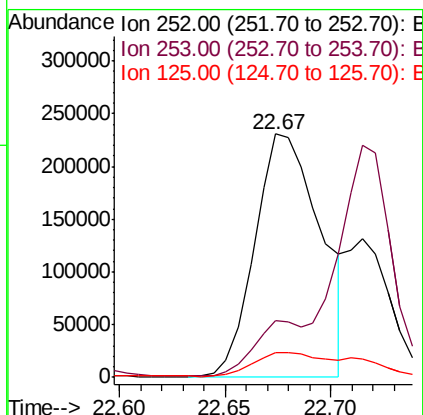
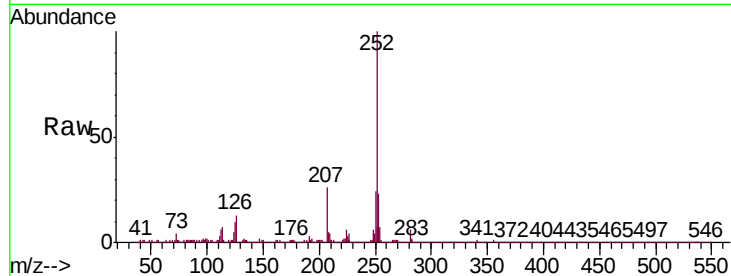
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Tgt Ion:	252	Resp:	497813
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	10.0	7.8	11.6



#89

Benzo(k)fluoranthene

Concen: 3.267 ng/ul

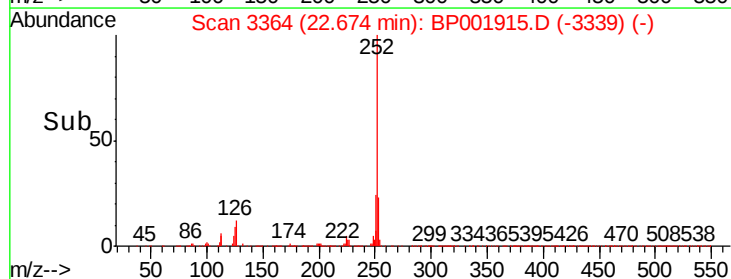
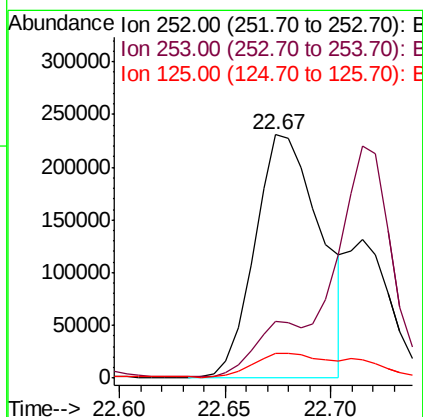
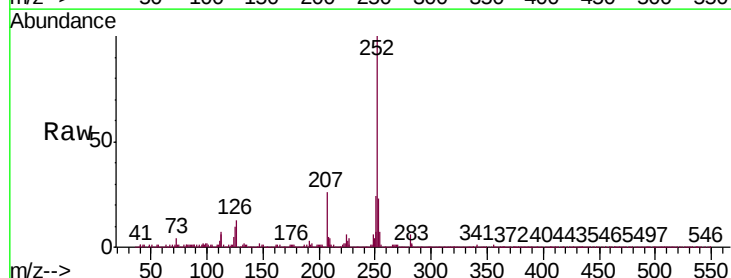
RT: 22.67 min Scan# 3364

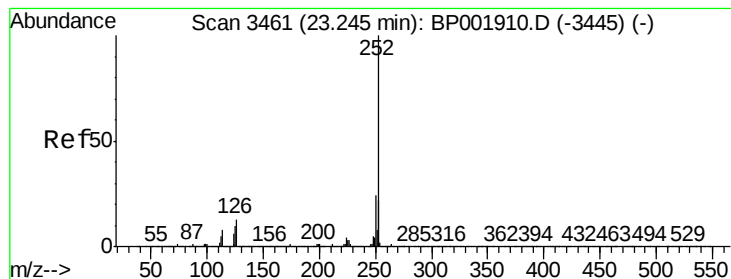
Delta R.T. -0.05 min

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Tgt Ion:	252	Resp:	497813
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	10.0	8.0	12.0





#91

Benzo(a)pyrene

Concen: 1.075 ng/ul

RT: 23.24 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BP001915.D

Acq: 26 Feb 2020 01:35

Instrument :

BNA_P

ClientSampleId :

DBD93

Tgt Ion:252 Resp: 148079

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 11.2 8.3 12.5

