

Data File : BP001873.D
Acq On : 24 Feb 2020 22:16
Operator : CG/JU
Sample : L1418-15DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5B15DL

Quant Time: Feb 25 05:59:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 05:55:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	376003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	2140903	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	994139	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2051920	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1965075	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1821460	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8256	0.91	ng/uL	0.00
5) Phenol-d5	6.83	99	132976	4.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	90721	5.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	105670	4.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	74591	3.31	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	50832	3.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	52285	3.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	135308	4.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	67761	1.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	343268	4.92	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	436012	5.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	31006	2.55	ng/ul	0.00
58) Fluorene-d10	15.29	176	327577	5.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	25769	3.19	ng/ul	0.00
71) Anthracene-d10	17.14	188	482259	5.34	ng/ul	0.00
79) Pyrene-d10	19.38	212	601263	5.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	462274	5.25	ng/ul	0.00

Target Compounds

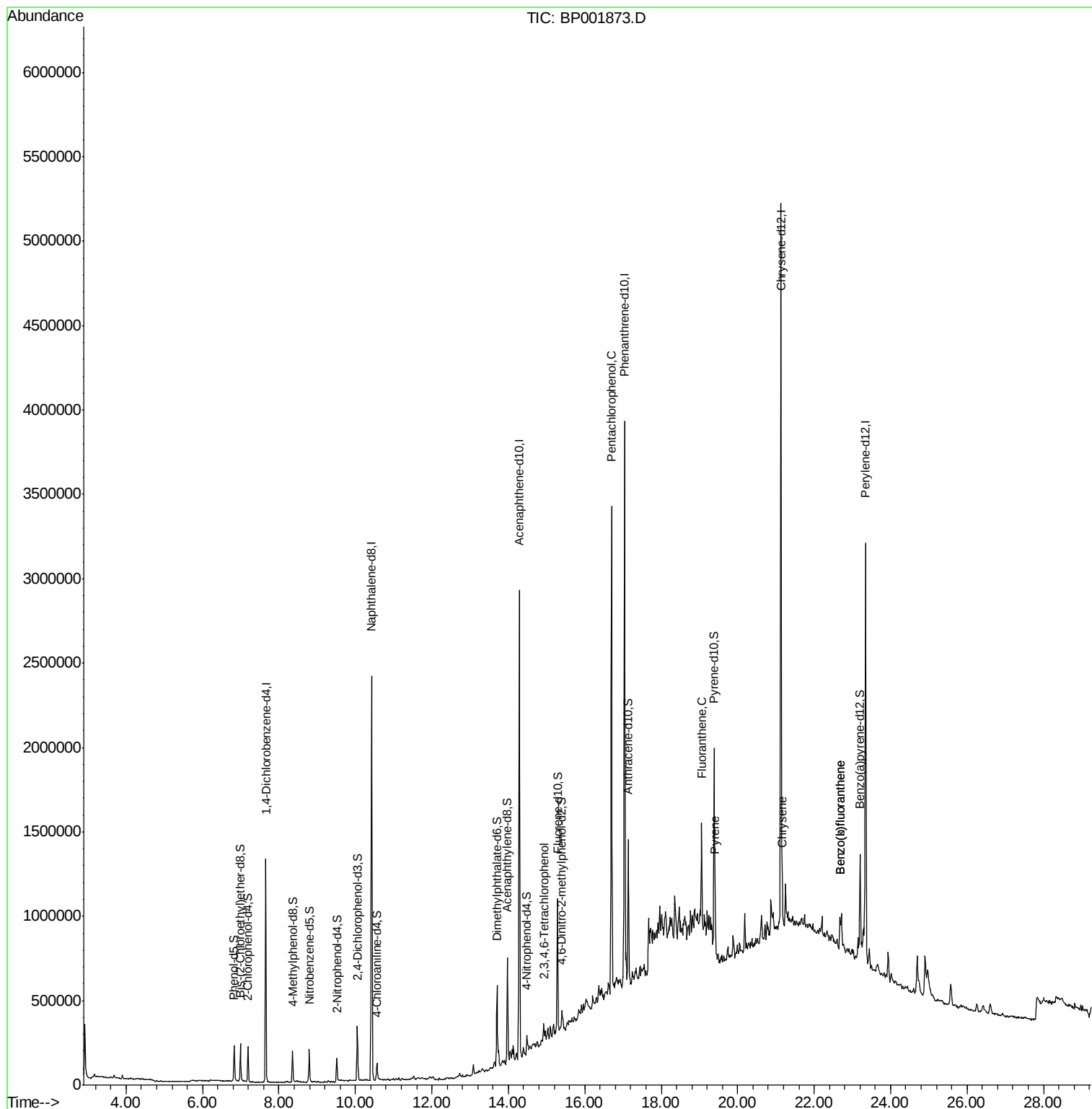
					Qvalue
56) 2,3,4,6-Tetrachlorophenol	14.92	232	23097	1.500 ng/ul#	94
69) Pentachlorophenol	16.70	266	566229	44.998 ng/ul	99
77) Fluoranthene	19.06	202	330237	2.725 ng/ul	99
80) Pyrene	19.41	202	226699	1.696 ng/ul	97
85) Chrysene	21.17	228	126904	1.004 ng/ul#	88
88) Benzo(b)fluoranthene	22.69	252	136063	1.270 ng/ul#	92
89) Benzo(k)fluoranthene	22.69	252	136063	1.225 ng/ul#	93

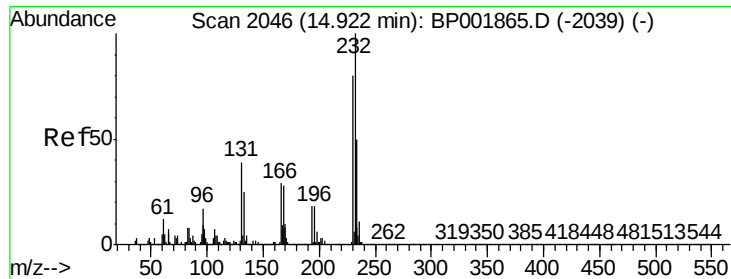
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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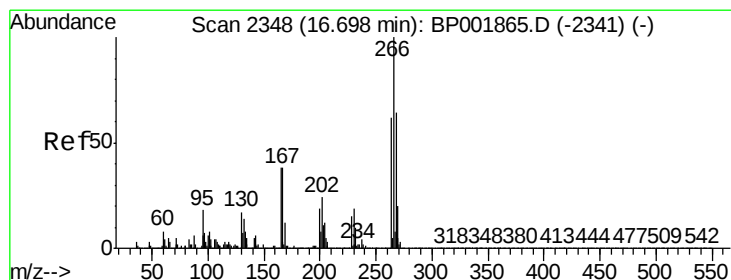
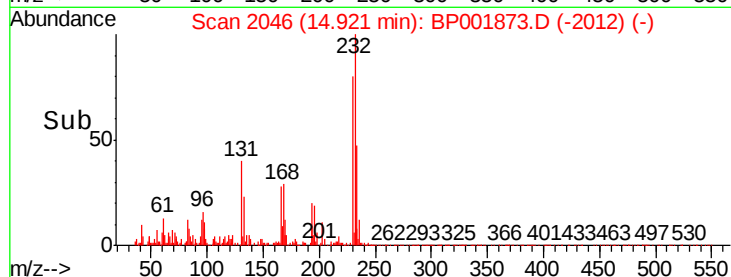
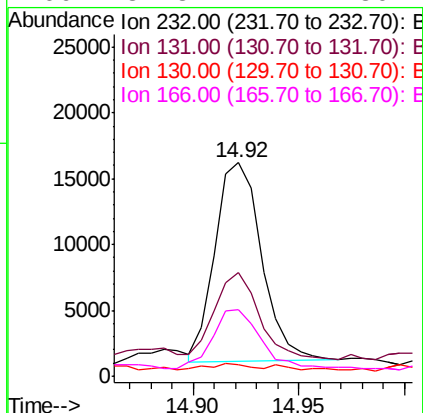
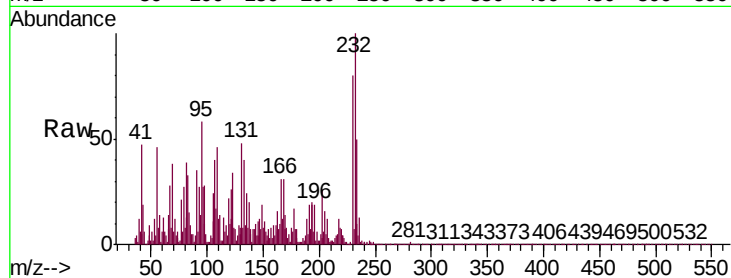




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 1.500 ng/ul
 RT: 14.92 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BP001873.D
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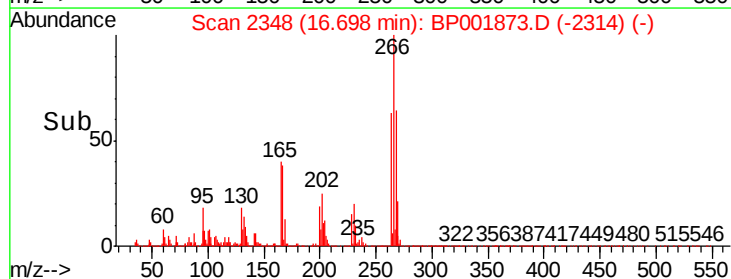
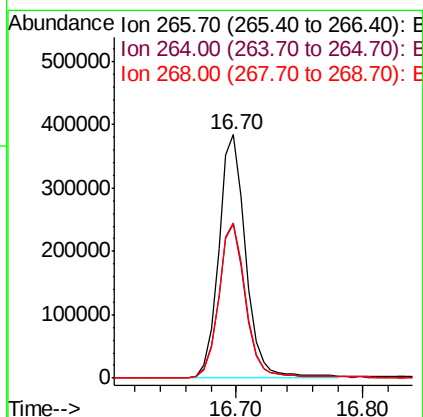
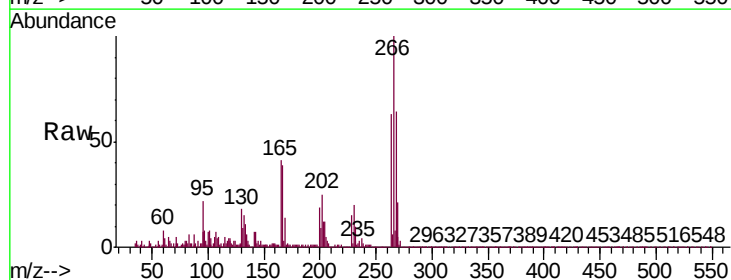
Instrument :
 BNA_P
 ClientSampleID :
 C5B15DL

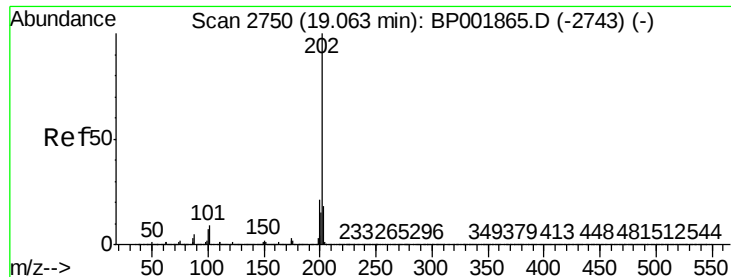
Tgt Ion:	232	Resp:	23097
Ion	Ratio	Lower	Upper
232	100		
131	48.4	34.1	51.1
130	5.3	1.8	2.6
166	31.3	24.2	36.4



#69
 Pentachlorophenol
 Concen: 44.998 ng/ul
 RT: 16.70 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BP001873.D
 Acq: 24 Feb 2020 22:16

Tgt Ion:	266	Resp:	566229
Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.1	76.7
268	63.8	51.5	77.3





#77

Fluoranthene

Concen: 2.725 ng/ul

RT: 19.06 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BP001873.D

Acq: 24 Feb 2020 22:16

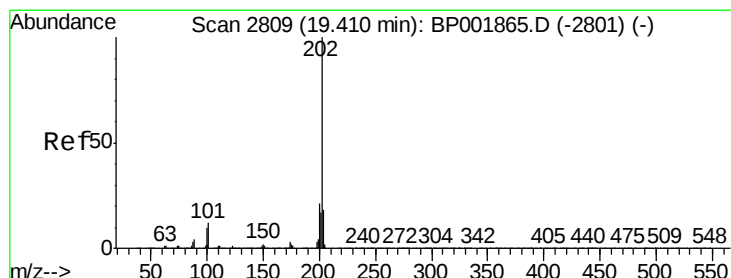
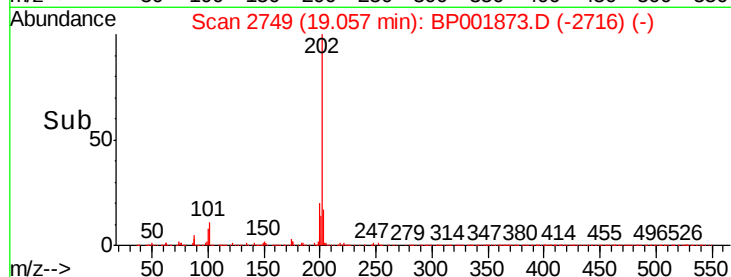
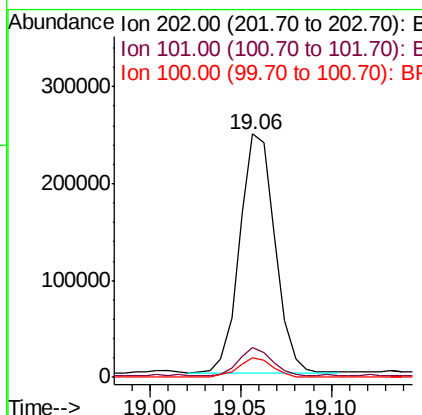
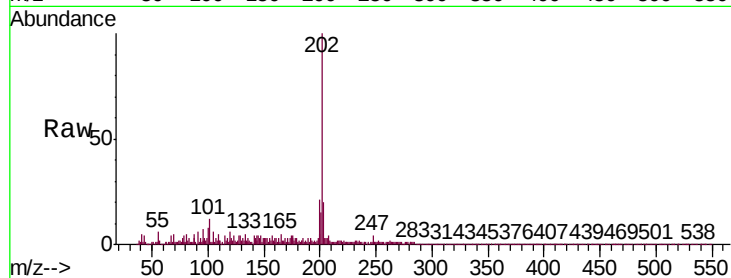
Instrument :

BNA_P

ClientSampleId :

C5B15DL

Tgt Ion:	202	Resp:	330237
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.1	13.7
100	8.1	6.6	9.8



#80

Pyrene

Concen: 1.696 ng/ul

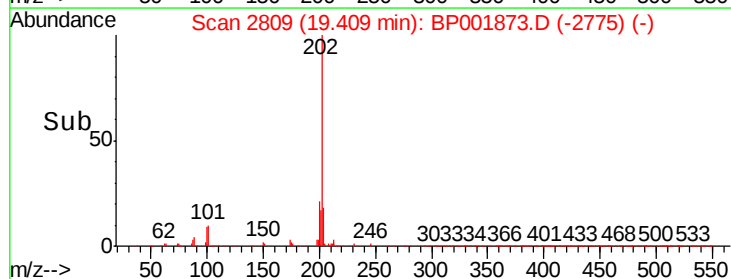
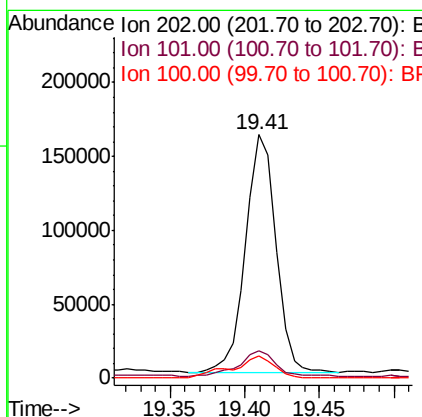
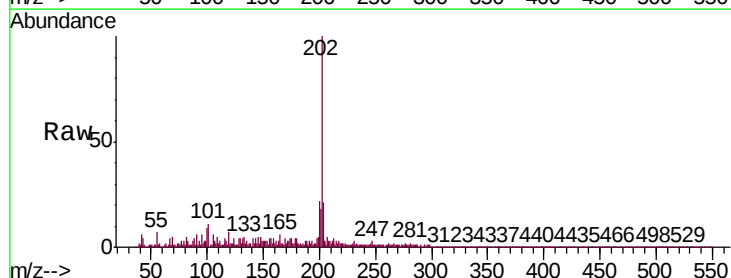
RT: 19.41 min Scan# 2809

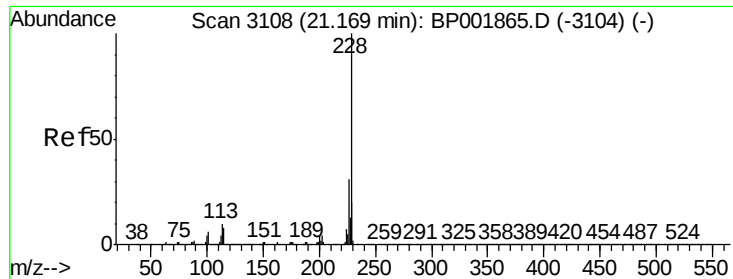
Delta R.T. -0.00 min

Lab File: BP001873.D

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Tgt Ion:	202	Resp:	226699
Ion Ratio	Lower	Upper	
202	100		
101	11.1	10.2	15.2
100	9.2	8.2	12.2





#85

Chrysene

Concen: 1.004 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

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Instrument :

BNA_P

ClientSampleId :

C5B15DL

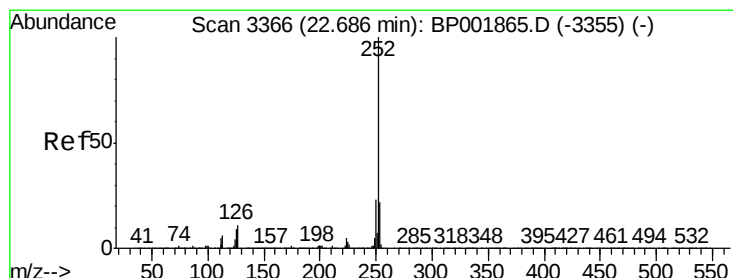
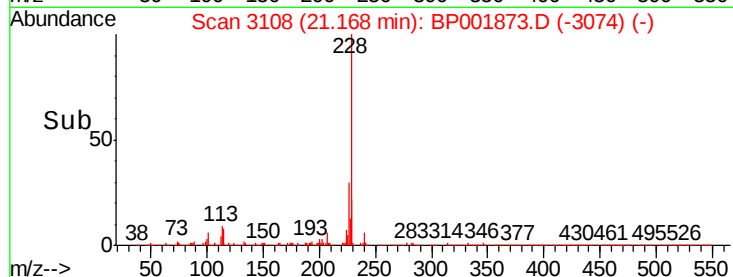
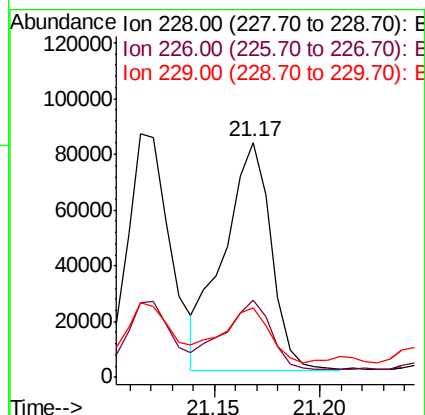
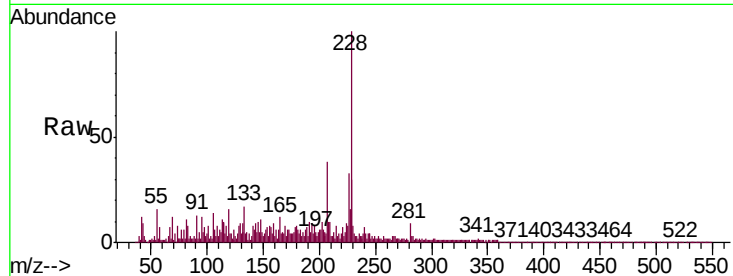
Tgt Ion:228 Resp: 126904

Ion Ratio Lower Upper

228 100

226 32.9 24.2 36.2

229 29.7 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 1.270 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BP001873.D

Acq: 24 Feb 2020 22:16

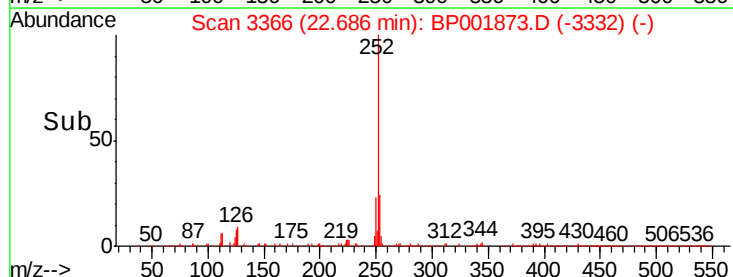
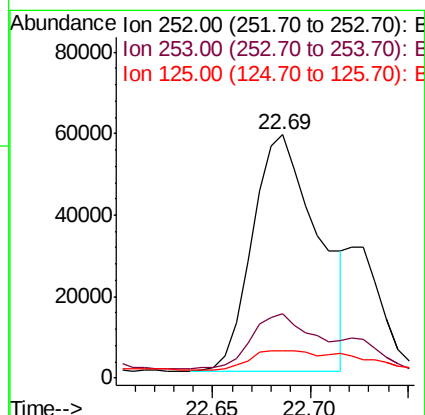
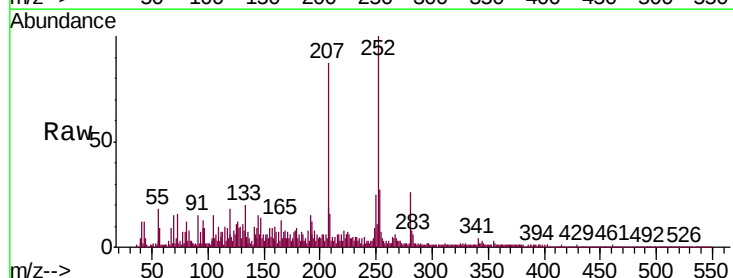
Tgt Ion:252 Resp: 136063

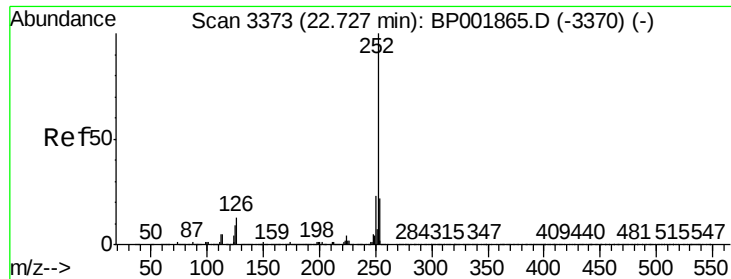
Ion Ratio Lower Upper

252 100

253 26.6 17.7 26.5#

125 11.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 1.225 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.04 min

Lab File: BP001873.D

Acq: 24 Feb 2020 22:16

Instrument :

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ClientSampleId :

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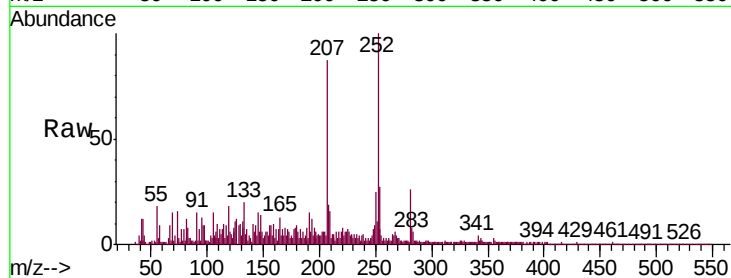
Tgt Ion:252 Resp: 136063

Ion Ratio Lower Upper

252 100

253 26.6 17.8 26.6#

125 11.3 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

