

Data File : BM009879.D
Acq On : 03 May 2017 17:54
Operator : SJ/MA
Sample : I2871-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB15

Quant Time: May 04 02:04:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 02:03:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	153643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	659129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	382571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	765995	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	771378	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	789366	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12018	3.60	ng/uL	0.00
5) Phenol-d5	6.99	99	358906	21.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	237473	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	247967	23.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	275242	21.15	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	121535	22.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	134092	23.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	259878	23.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	3013	0.22	ng/ul	0.07
43) Dimethylphthalate-d6	13.87	166	790003	23.74	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1015383	25.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	106797	16.63	ng/ul	0.01
57) Fluorene-d10	15.46	176	688930	22.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	53779	9.95	ng/ul	0.00
70) Anthracene-d10	17.31	188	967509	24.60	ng/ul	0.00
76) Pyrene-d10	19.61	212	955675	28.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	984150	25.64	ng/ul	0.02

Target Compounds

						Qvalue
44) Dimethylphthalate	13.91	163	210116	6.38	ng/ul#	97
69) Phenanthrene	17.26	178	91697	2.08	ng/ul	98
74) Fluoranthene	19.27	202	172821	3.11	ng/ul#	92
77) Pyrene	19.64	202	167992	3.86	ng/ul#	86
80) Benzo(a)anthracene	21.38	228	51325	1.12	ng/ul#	74
82) Chrysene	21.43	228	128940	3.13	ng/ul#	84
85) Benzo(b)fluoranthene	23.01	252	72060	1.41	ng/ul#	17

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

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Instrument :

BNA_M

ClientSampled :

YAB15

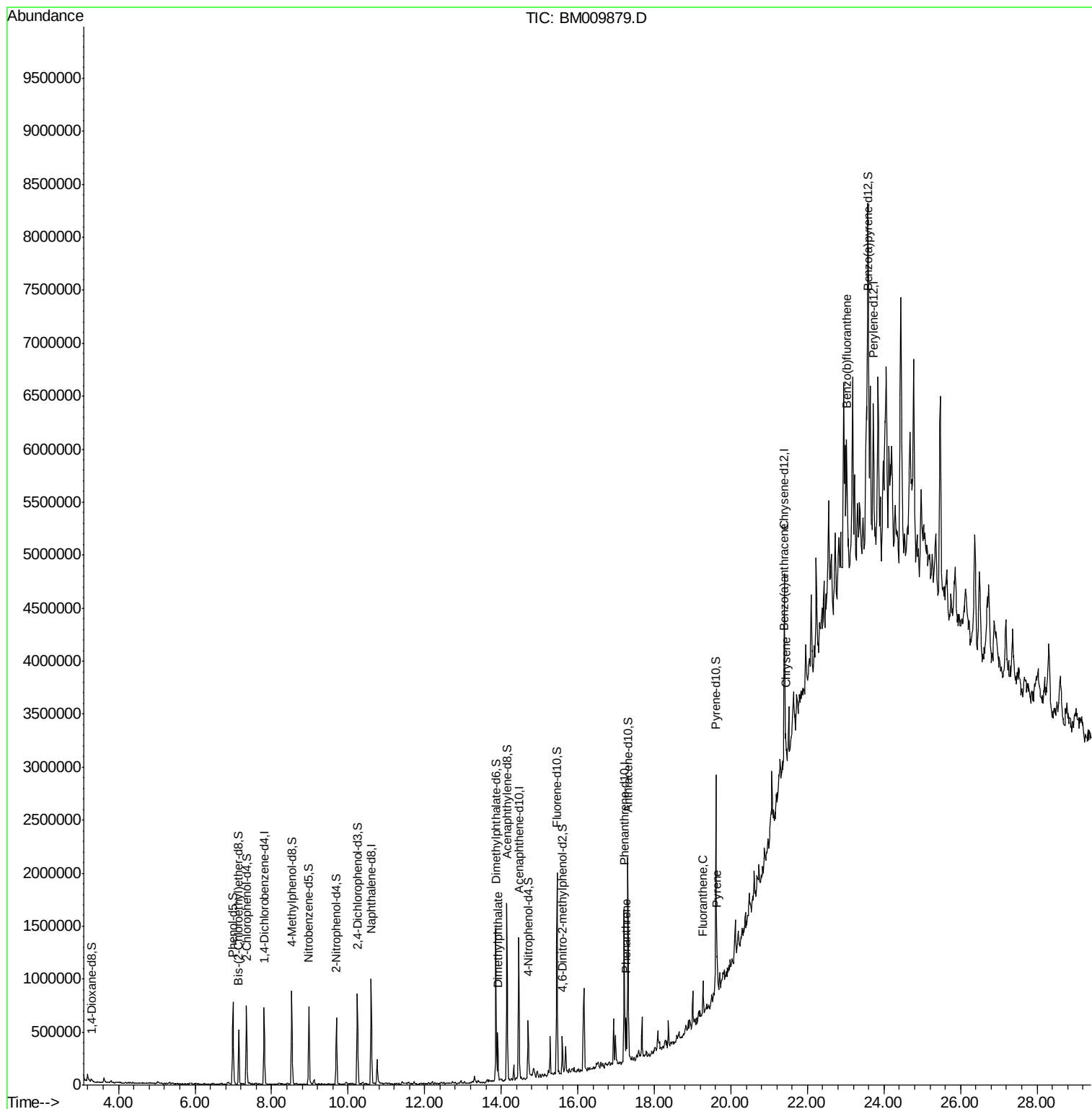
Quant Time: May 04 02:04:35 2017

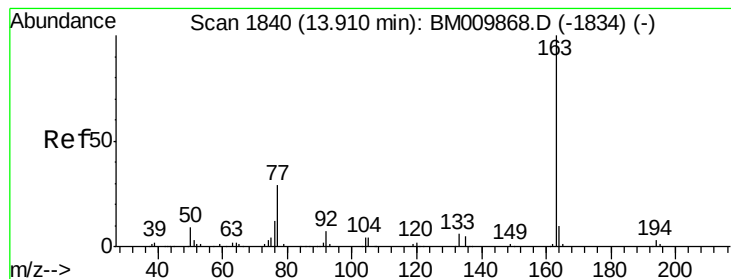
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu May 04 02:03:11 2017

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#44

Dimethylphthalate

Concen: 6.38 ng/ul

RT: 13.91 min Scan# 1840

Delta R.T. -0.00 min

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Acq: 03 May 2017 17:54

Instrument :

BNA_M

ClientSampleId :

YAB15

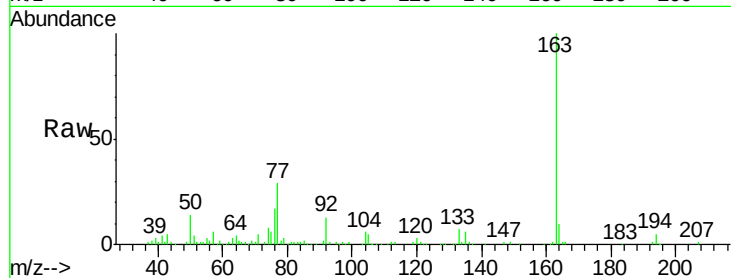
Tgt Ion:163 Resp: 210116

Ion Ratio Lower Upper

163 100

194 4.7 3.0 4.6#

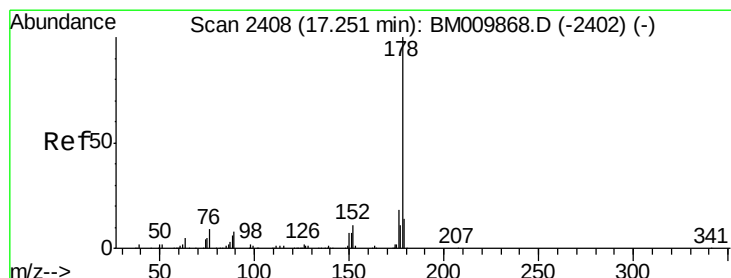
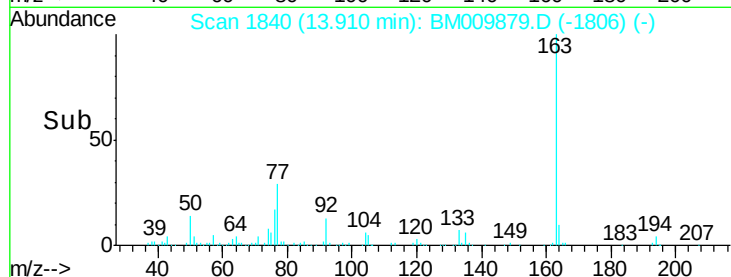
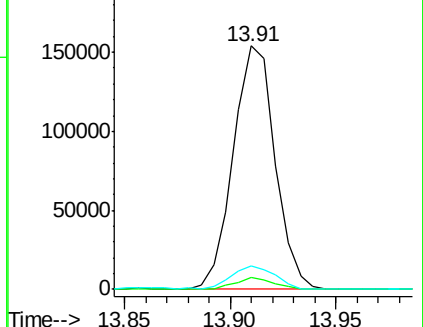
164 9.6 8.6 12.8



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



#69

Phenanthrene

Concen: 2.08 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. 0.01 min

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Acq: 03 May 2017 17:54

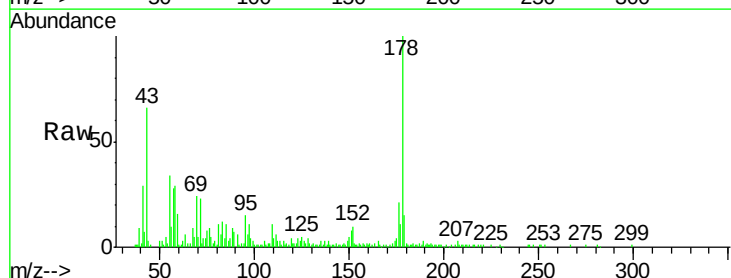
Tgt Ion:178 Resp: 91697

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

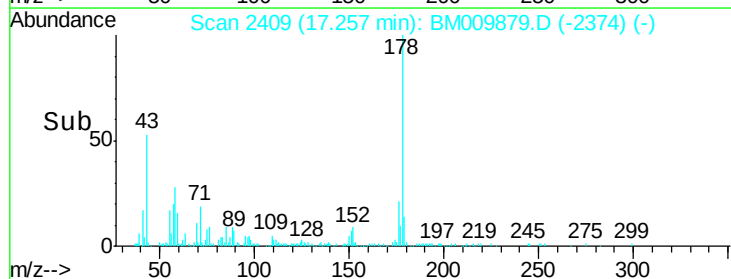
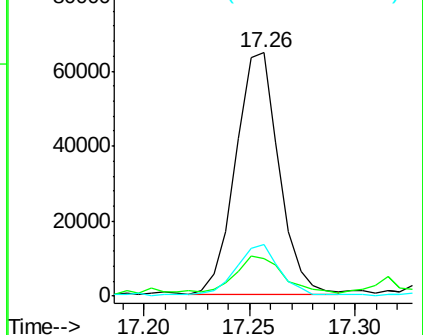
176 21.3 15.8 23.6

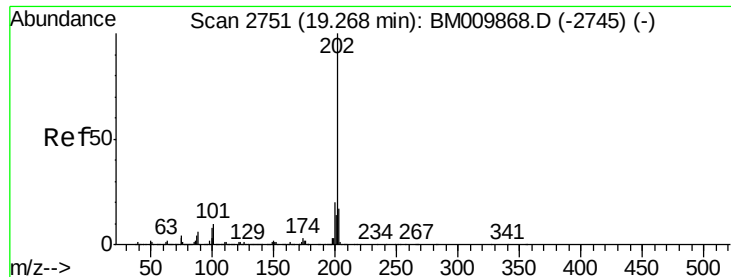


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.11 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. 0.01 min

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YAB15

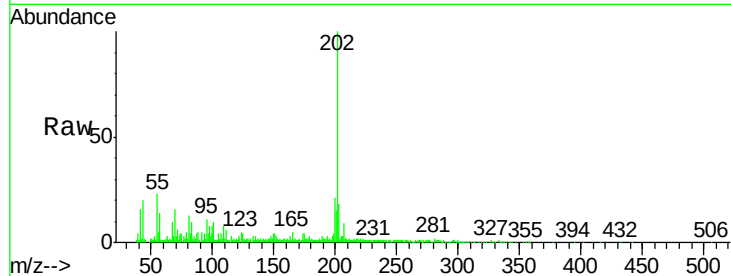
Tgt Ion:202 Resp: 172821

Ion Ratio Lower Upper

202 100

101 10.5 5.7 8.5#

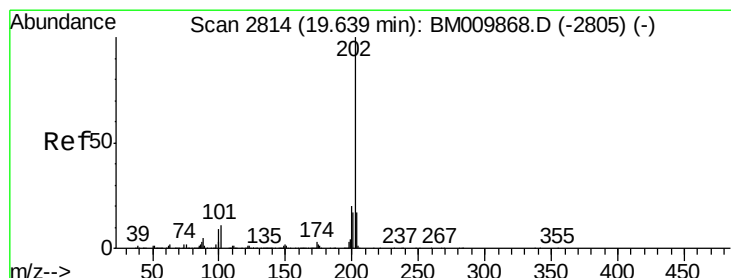
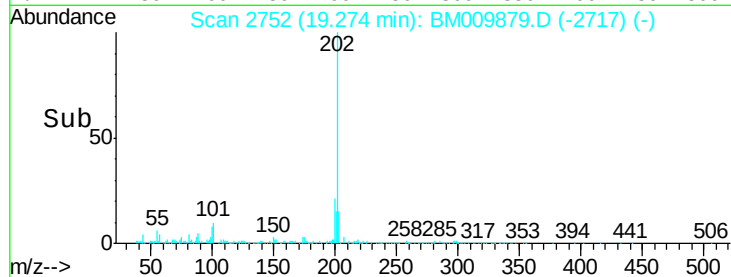
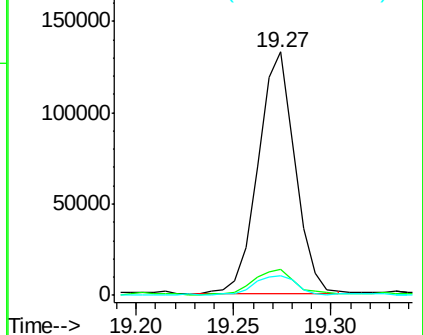
100 8.1 4.6 7.0#



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



#77

Pyrene

Concen: 3.86 ng/ul

RT: 19.64 min Scan# 2814

Delta R.T. -0.00 min

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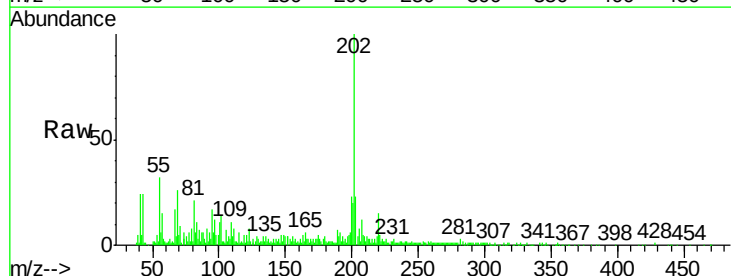
Tgt Ion:202 Resp: 167992

Ion Ratio Lower Upper

202 100

101 14.2 6.2 9.4#

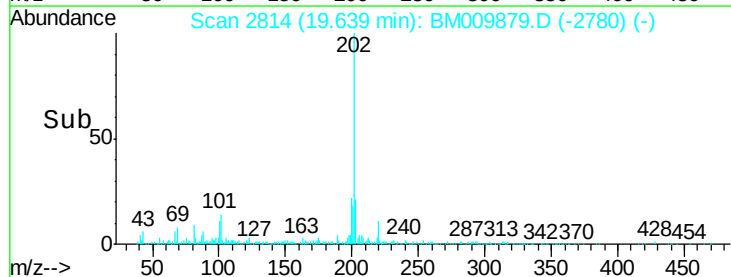
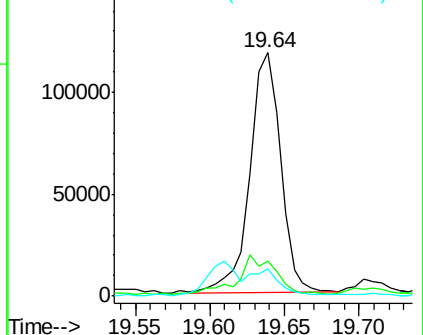
100 11.3 6.4 9.6#

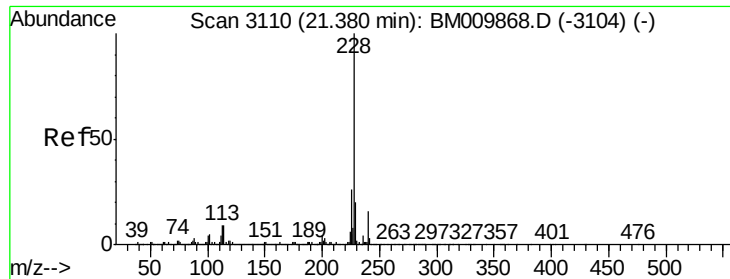


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.12 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. -0.00 min

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Acq: 03 May 2017 17:54

Instrument :

BNA_M

ClientSampleId :

YAB15

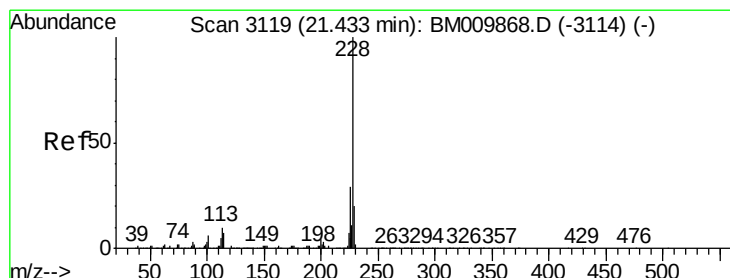
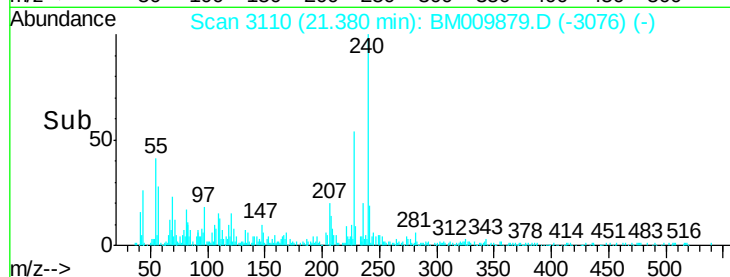
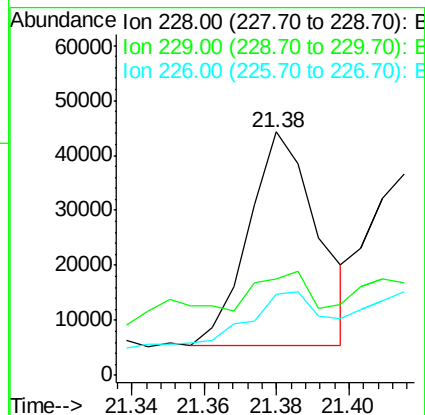
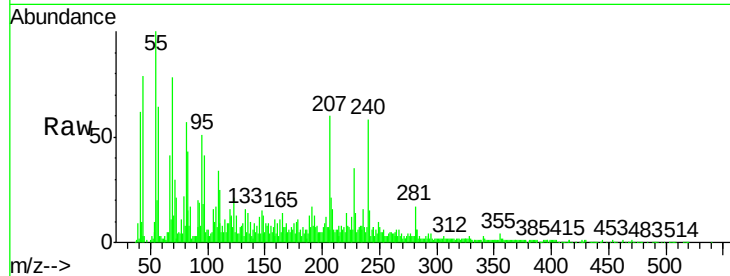
Tgt Ion:228 Resp: 51325

Ion Ratio Lower Upper

228 100

229 39.4 15.4 23.2#

226 33.4 21.2 31.8#



#82

Chrysene

Concen: 3.13 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM009879.D

Acq: 03 May 2017 17:54

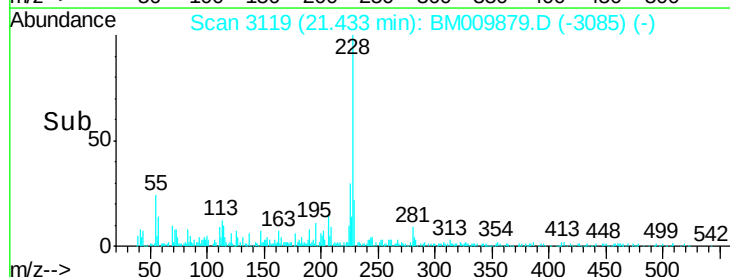
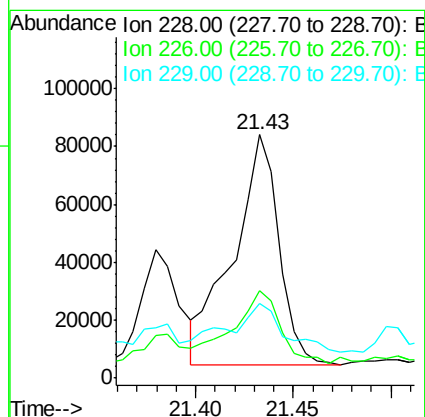
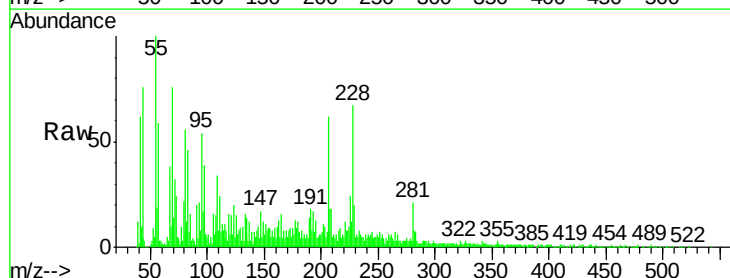
Tgt Ion:228 Resp: 128940

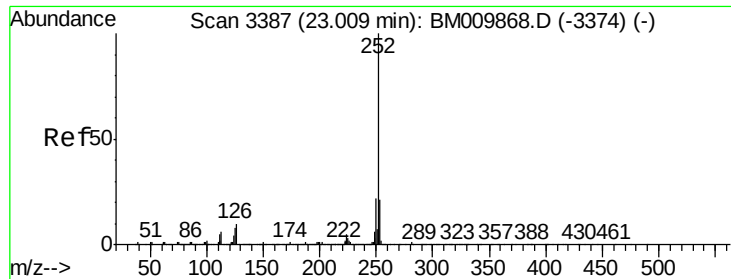
Ion Ratio Lower Upper

228 100

226 35.7 23.9 35.9

229 30.5 15.4 23.2#





#85

Benzo(b)fluoranthene

Concen: 1.41 ng/ul

RT: 23.01 min Scan# 3388

Delta R.T. 0.01 min

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Instrument :

BNA_M

ClientSampleId :

YAB15

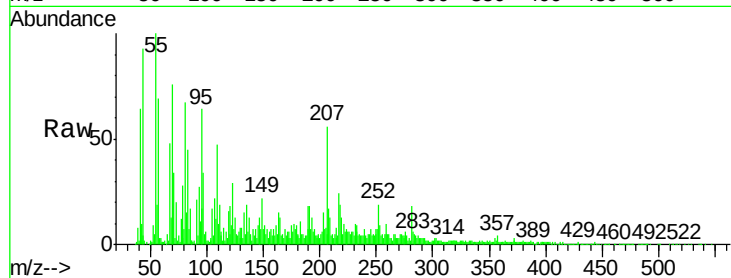
Tgt Ion:252 Resp: 72060

Ion Ratio Lower Upper

252 100

253 48.8 17.0 25.4#

125 69.7 3.7 5.5#



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

