

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013868.D
 Acq On : 27 Jan 2018 05:34
 Operator : SJ/JU
 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 27 20:53:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	155334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	579026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	325972	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	719992	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	774583	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	790683	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1863	0.47	ng/uL	0.00
5) Phenol-d5	6.78	99	36113	3.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	25092	3.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	34913	3.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	16076	1.75	ng/ul	0.02
19) Nitrobenzene-d5	8.84	128	240	0.05	ng/ul	0.10
22) 2-Nitrophenol-d4	9.46	143	17584	3.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	26382	2.88	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	31522	3.96	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	116525	4.34	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	139594	4.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	1065	0.24	ng/ul	-0.02
57) Fluorene-d10	15.24	176	102794	4.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	9666	2.23	ng/ul	0.01
70) Anthracene-d10	17.09	188	157231	4.48	ng/ul	0.00
76) Pyrene-d10	19.39	212	180947	5.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	168372	4.63	ng/ul	0.00

Target Compounds

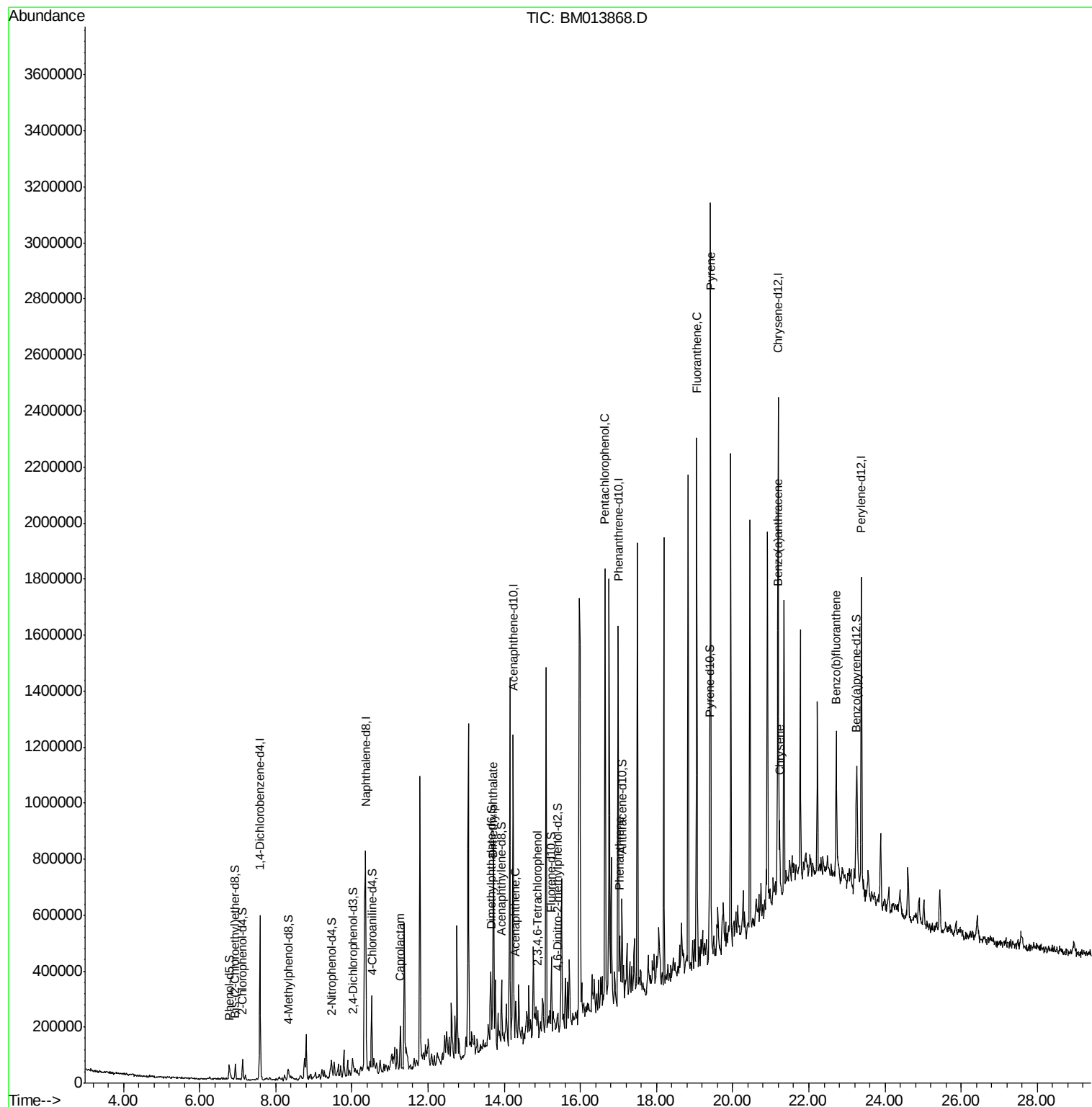
					Ovalue	
32) Caprolactam	11.27	113	2770	1.127	ng/ul#	1
44) Dimethylphthalate	13.70	163	32311	1.223	ng/ul	99
49) Acenaphthene	14.30	153	45166	2.080	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.88	232	10311	1.507	ng/ul#	75
68) Pentachlorophenol	16.65	266	261223	53.704	ng/ul	95
69) Phenanthrene	17.03	178	121632	3.039	ng/ul#	95
74) Fluoranthene	19.06	202	1032446	21.612	ng/ul#	96
77) Pyrene	19.42	202	763267	16.209	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	138072	2.950	ng/ul	98
82) Chrysene	21.23	228	141957	3.306	ng/ul	96
85) Benzo(b)fluoranthene	22.73	252	66344	1.366	ng/ul#	80

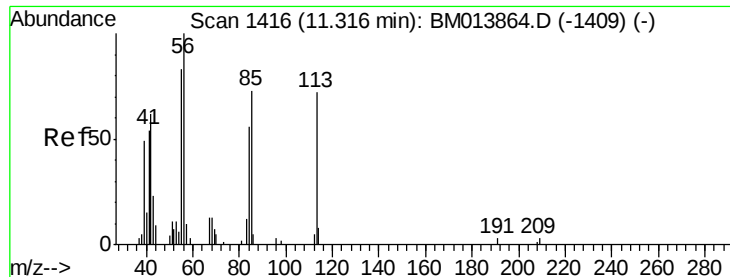
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration





#32

Caprolactam

Concen: 1.127 ng/ul

RT: 11.27 min Scan# 1408

Delta R.T. -0.05 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Instrument :

BNA_M

ClientSampleId :

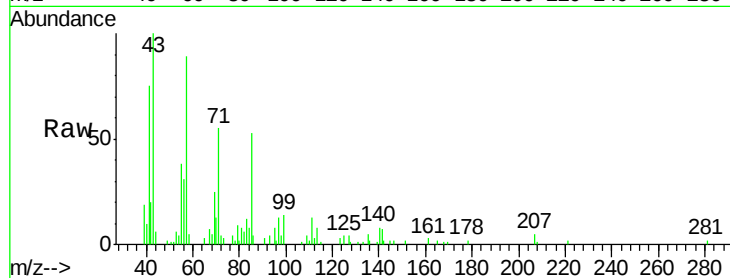
Tot Ion:113 Resp: 2770

Ion Ratio Lower Upper

113 100

55 476.3 208.0 312.0#

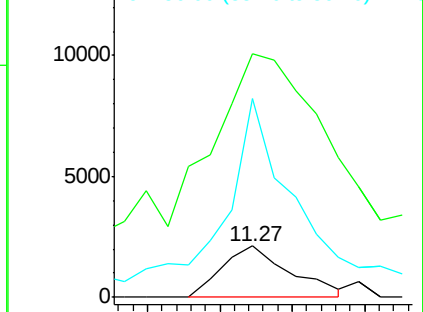
56 389.2 160.0 240.0#



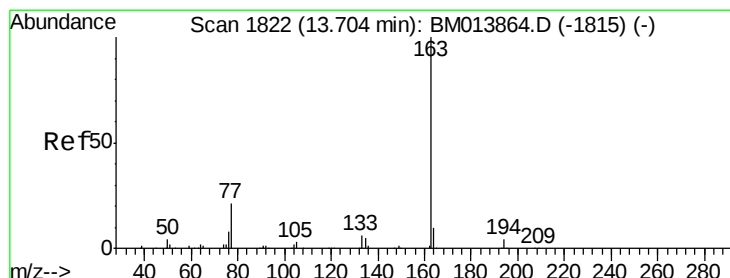
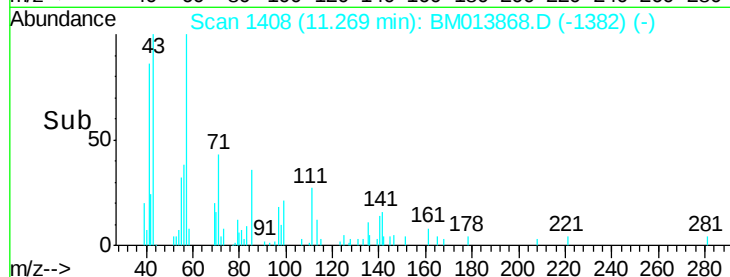
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



Time-->



#44

Dimethylphthalate

Concen: 1.223 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

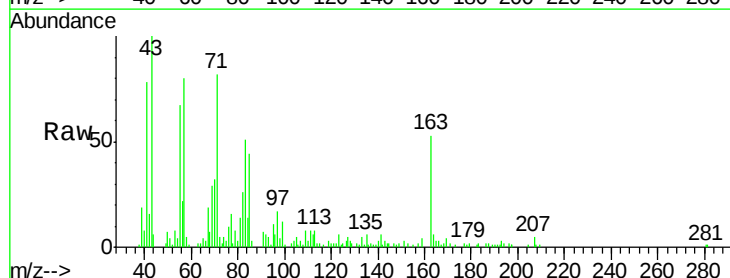
Tgt Ion:163 Resp: 32311

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

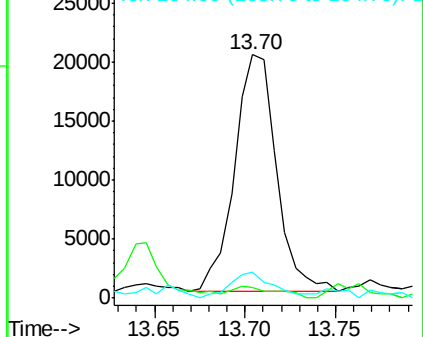
164 10.7 8.2 12.4



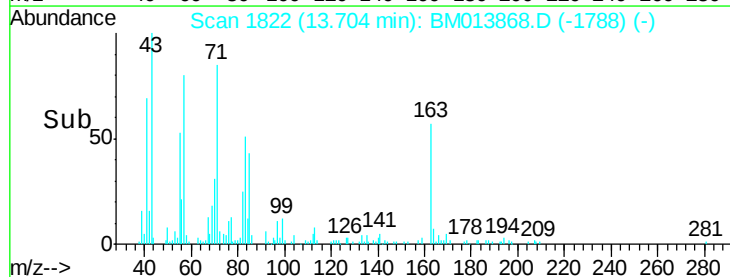
Abundance Ion 163.00 (162.70 to 163.70): E

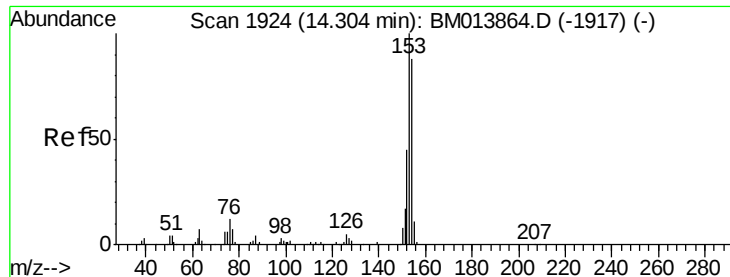
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#49

Acenaphthene

Concen: 2.080 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Instrument :

BNA_M

ClientSampleId :

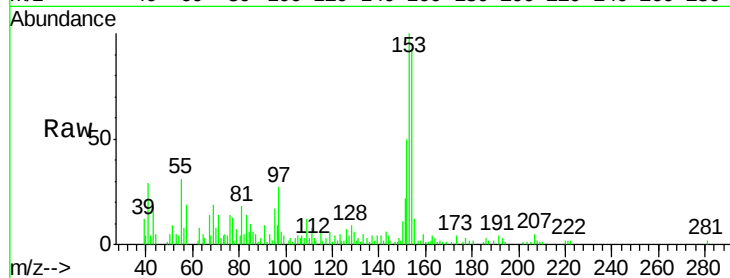
Tot Ion:153 Resp: 45166

Ion Ratio Lower Upper

153 100

152 49.6 37.6 56.4

154 92.1 70.4 105.6

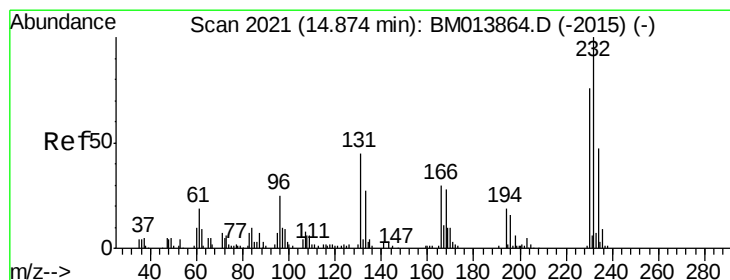
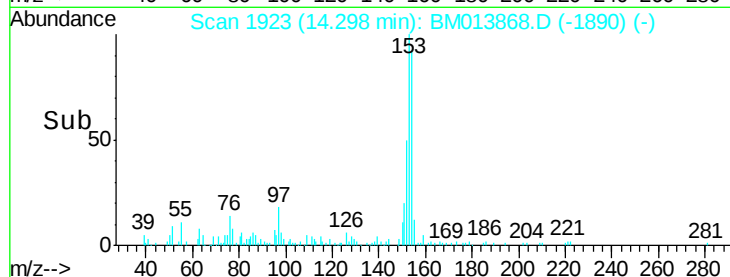
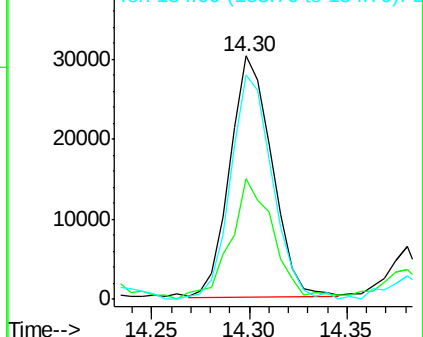


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 1.507 ng/ul

RT: 14.88 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Tgt Ion:232 Resp: 10311

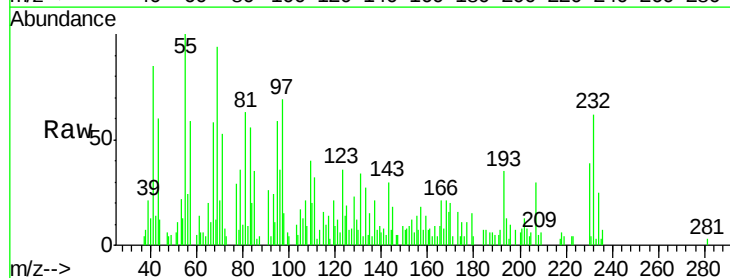
Ion Ratio Lower Upper

232 100

131 55.2 29.0 43.4#

130 11.1 2.0 3.0#

166 34.7 21.4 32.2#



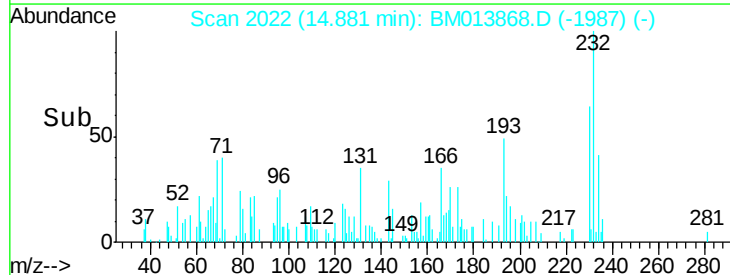
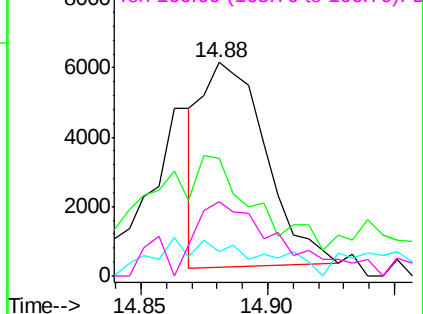
Abundance

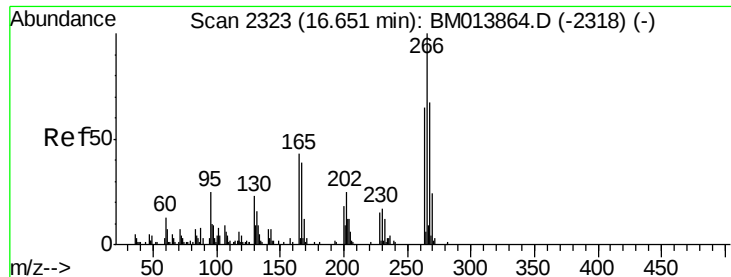
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

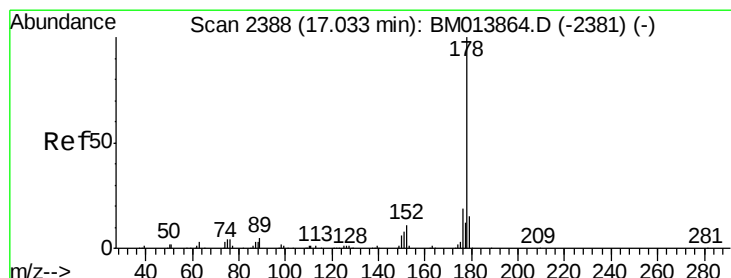
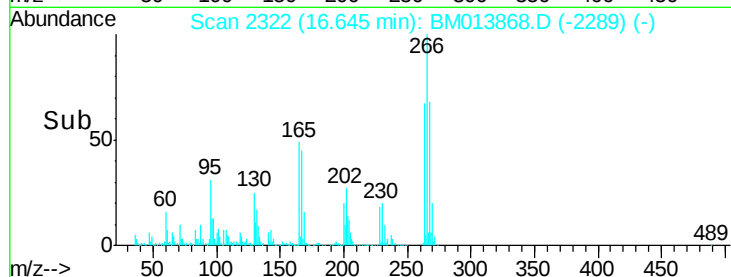
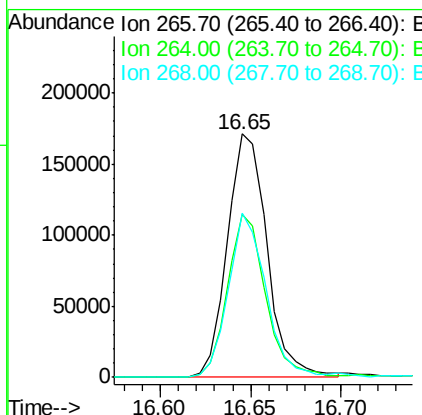
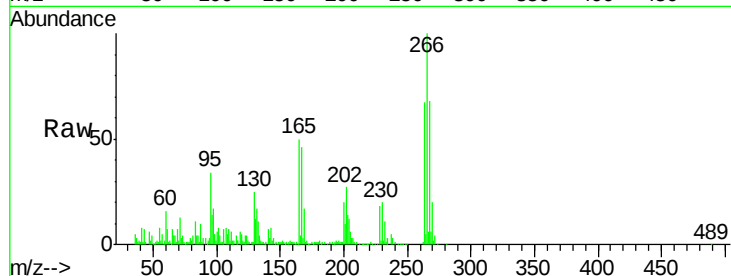




#68
 Pentachlorophenol
 Concen: 53.704 ng/ul
 RT: 16.65 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BM013868.D
 Acq: 27 Jan 2018 05:34

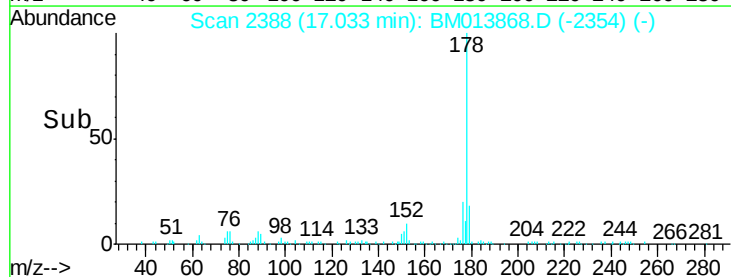
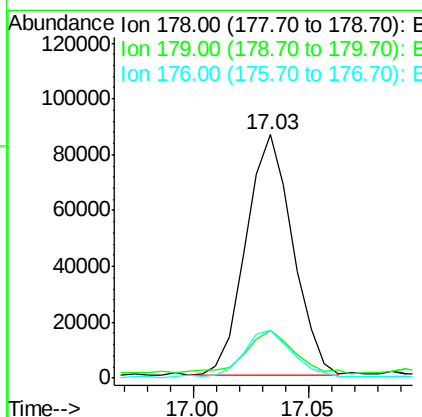
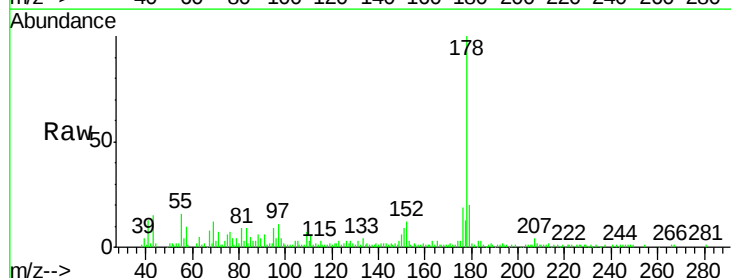
Instrument :
 BNA_M
 ClientSampleId :

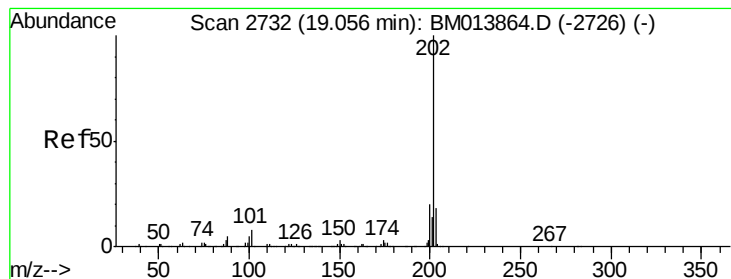
Tot Ion	Ratio	Lower	Upper
266	100		
264	67.0	49.3	73.9
268	67.6	52.6	78.8



#69
 Phenanthrene
 Concen: 3.039 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BM013868.D
 Acq: 27 Jan 2018 05:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.6	19.0#
176	19.5	14.9	22.3





#74

Fluoranthene

Concen: 21.612 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Instrument :

BNA_M

ClientSampleId :

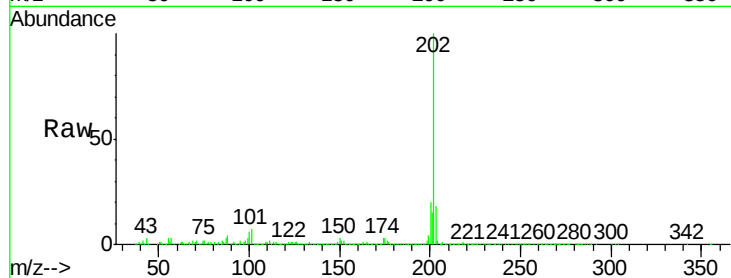
Tot Ion:202 Resp: 1032446

Ion Ratio Lower Upper

202 100

101 6.7 4.6 7.0

100 6.0 3.4 5.2#



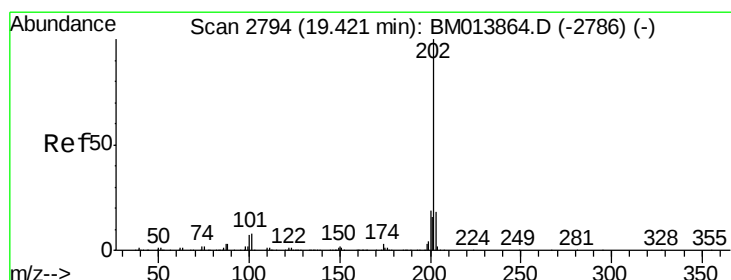
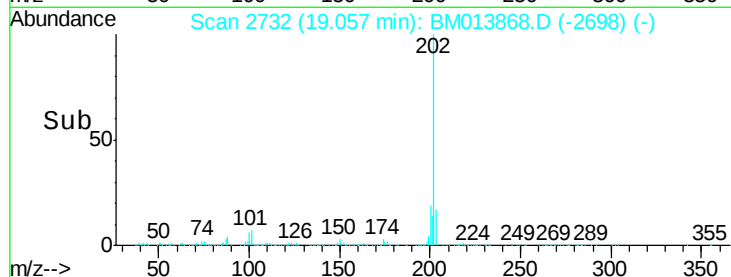
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.06

Time-->



#77

Pyrene

Concen: 16.209 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

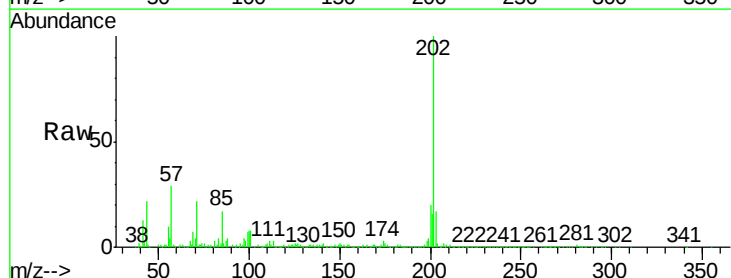
Tgt Ion:202 Resp: 763267

Ion Ratio Lower Upper

202 100

101 7.9 5.1 7.7#

100 7.6 4.9 7.3#



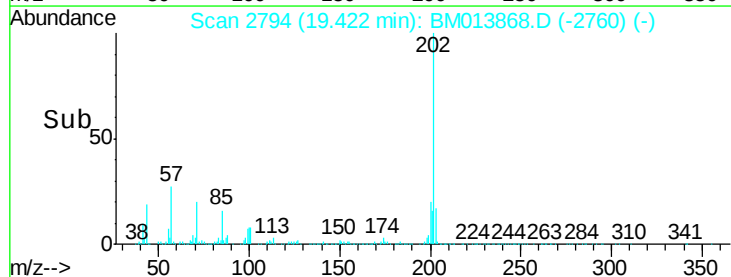
Abundance Ion 202.00 (201.70 to 202.70): E

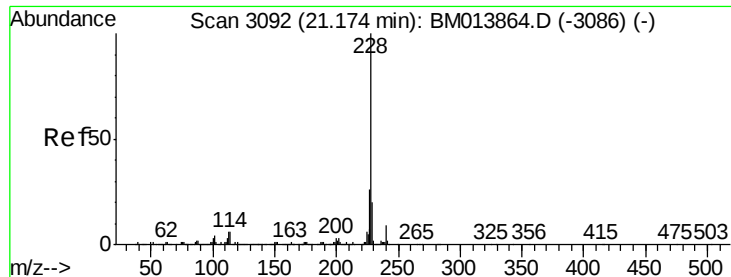
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.42

Time-->





#80

Benzo(a)anthracene

Concen: 2.950 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

Instrument :

BNA_M

ClientSampled :

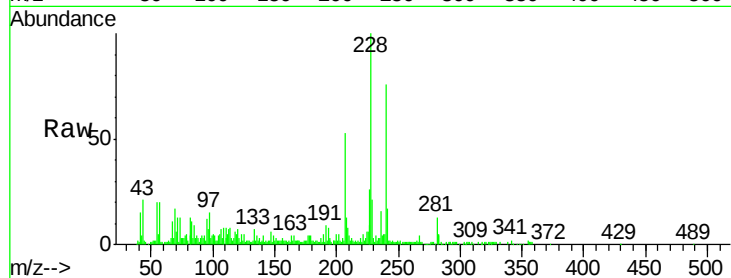
Tot Ion:228 Resp: 138072

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

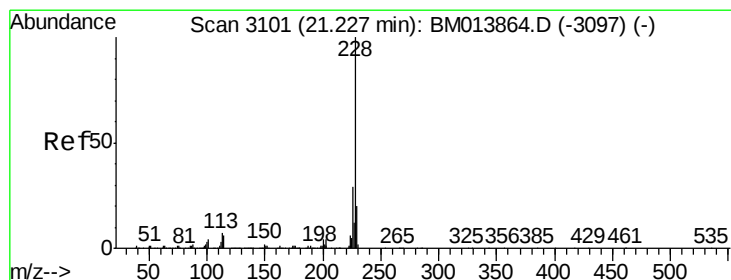
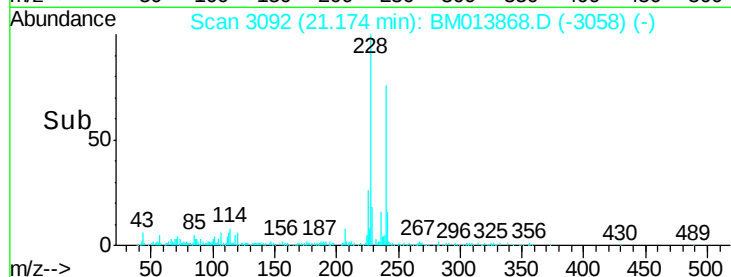
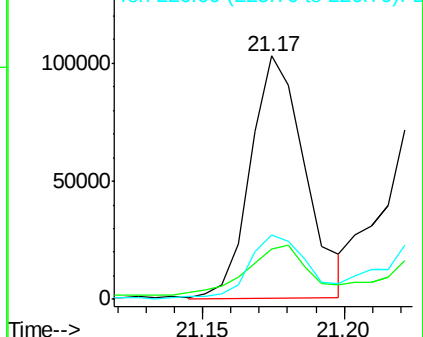
226 26.4 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 3.306 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM013868.D

Acq: 27 Jan 2018 05:34

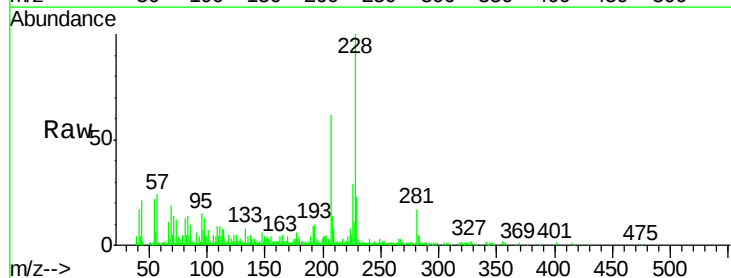
Tgt Ion:228 Resp: 141957

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

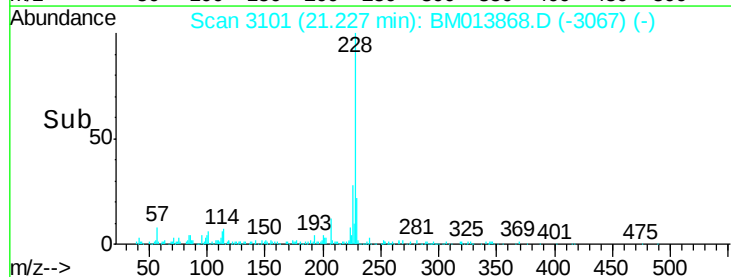
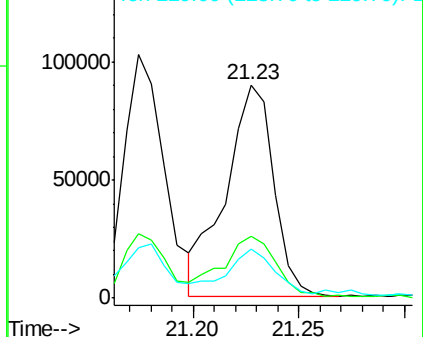
229 23.0 15.5 23.3

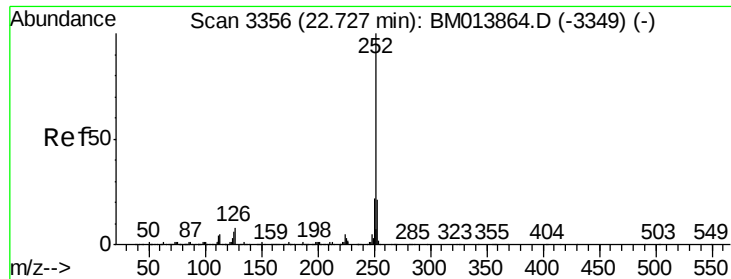


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.366 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM013868.D

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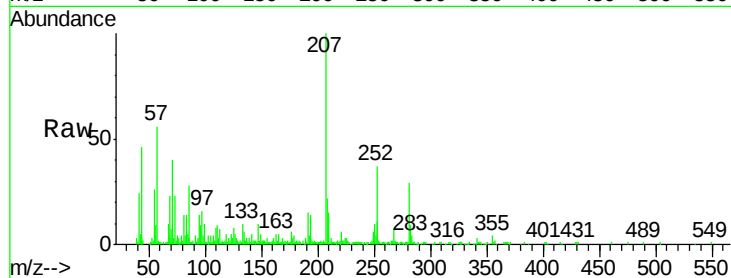
Tot Ion:252 Resp: 66344

Ion Ratio Lower Upper

252 100

253 29.2 17.9 26.9#

125 21.0 3.6 5.4#



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

