

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012464.D
 Acq On : 26 Oct 2017 03:14
 Operator : SJ/JU
 Sample : I5873-01 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 06:14:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	608560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2517225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1493695	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2984692	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2357713	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2641782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	32390	2.72	ng/uL	0.00
5) Phenol-d5	7.05	99	666823	13.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	451905	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	516951	13.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	395381	9.10	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	279358	17.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	263800	16.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	507408	11.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	596791	13.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1936021	14.84	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2386057	15.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	6893	0.36	ng/ul	0.00
57) Fluorene-d10	15.50	176	1610907	14.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	2750	0.19	ng/ul	0.00
70) Anthracene-d10	17.35	188	2214138	15.57	ng/ul	0.00
76) Pyrene-d10	19.64	212	2005797	18.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1978334	15.76	ng/ul	0.00

Target Compounds

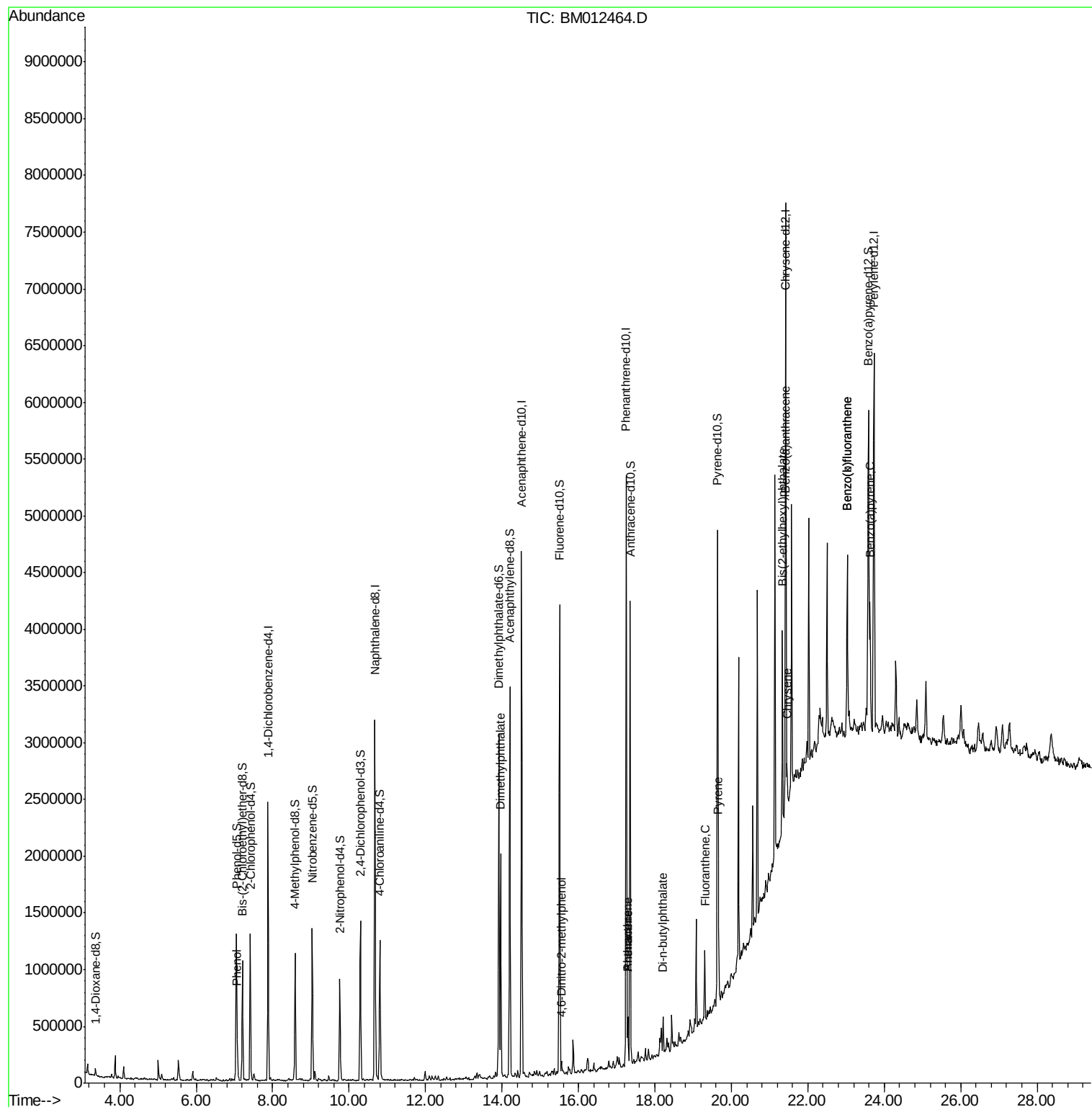
					Ovalue	
6) Phenol	7.07	94	152823	2.89	ng/ul#	86
44) Dimethylphthalate	13.96	163	1190603	9.22	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	20399	1.28	ng/ul#	64
69) Phenanthrene	17.29	178	253397	1.57	ng/ul	99
71) Anthracene	17.29	178	253397	1.52	ng/ul	97
73) Di-n-butylphthalate	18.22	149	222622	1.26	ng/ul	97
74) Fluoranthene	19.30	202	341143	1.87	ng/ul#	95
77) Pyrene	19.67	202	324642	2.42	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	161363	1.14	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.34	149	562405	7.00	ng/ul	99
82) Chrysene	21.46	228	184427	1.47	ng/ul#	93
85) Benzo(b)fluoranthene	23.04	252	252554	1.55	ng/ul#	76
86) Benzo(k)fluoranthene	23.04	252	252554	1.64	ng/ul#	74
88) Benzo(a)pyrene	23.63	252	172663	1.11	ng/ul#	79

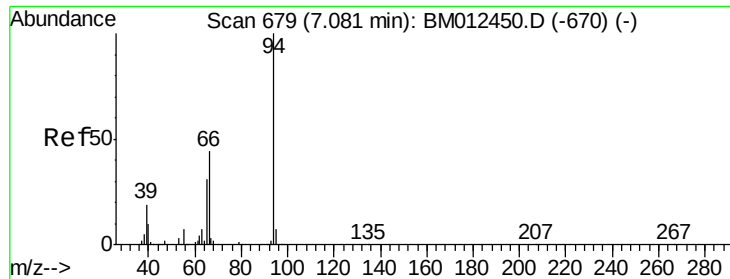
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.89 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

ClientSampleId :

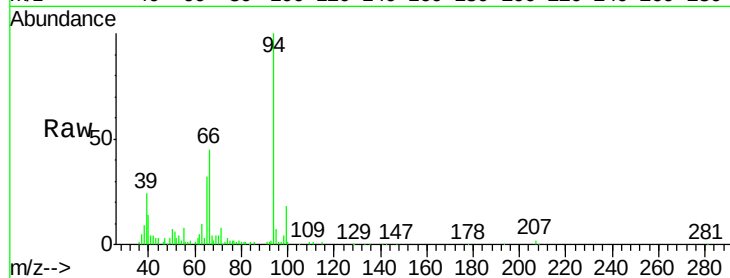
Tot Ion: 94 Resp: 152823

Ion Ratio Lower Upper

94 100

65 32.3 28.2 42.4

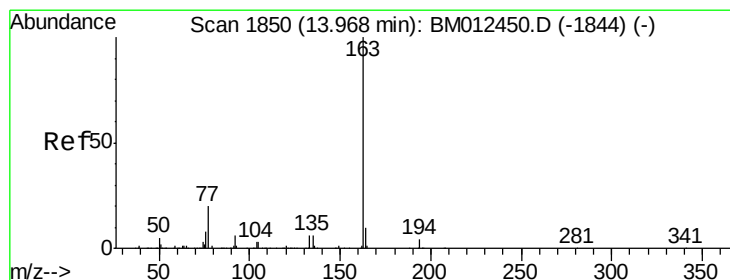
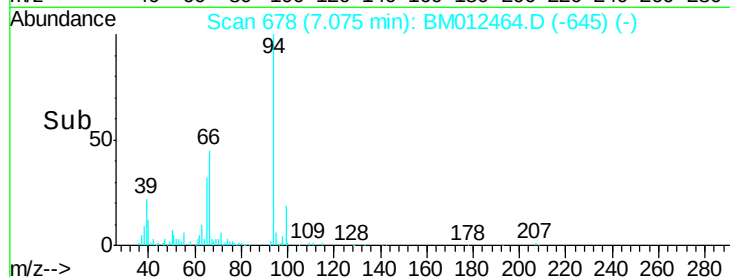
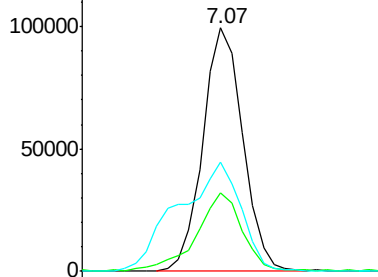
66 45.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012450.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM012450.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM012450.D (-670) (-)



#44

Dimethylphthalate

Concen: 9.22 ng/ul

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

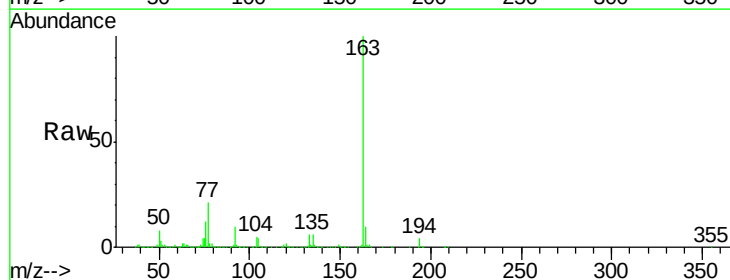
Tgt Ion:163 Resp: 1190603

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

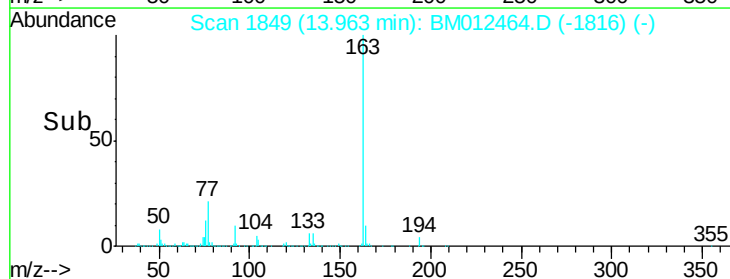
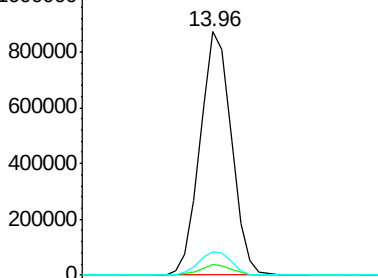
164 9.9 8.2 12.4

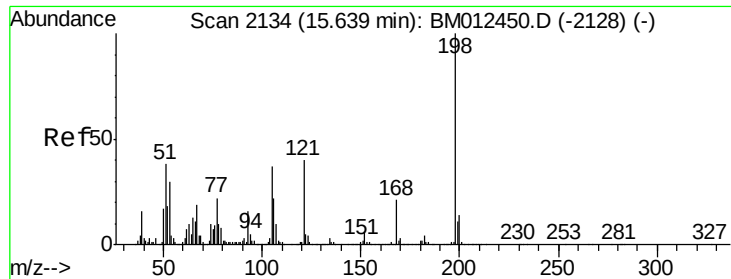


Abundance Ion 163.00 (162.70 to 163.70): BM012450.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM012450.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM012450.D (-1844) (-)

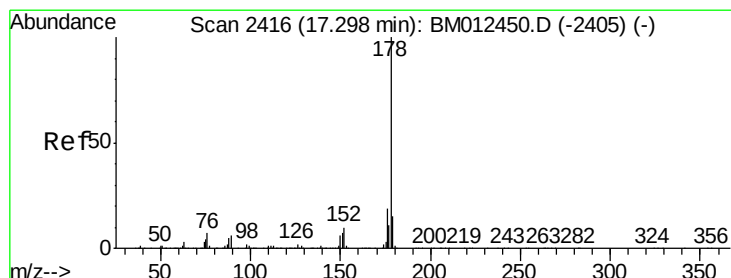
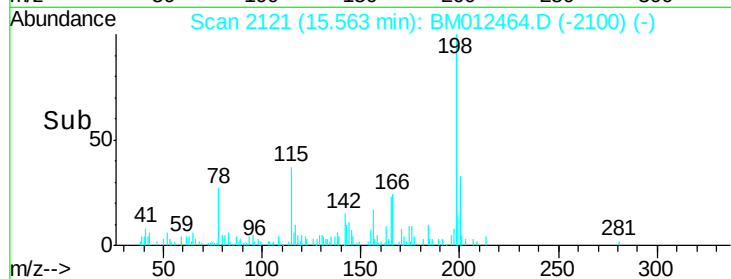
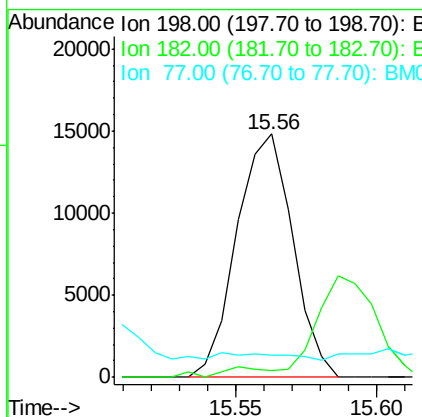
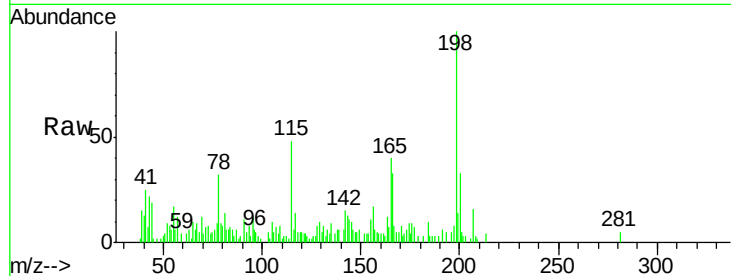




#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.28 ng/ul
 RT: 15.56 min Scan# 2121
 Delta R.T. -0.08 min
 Lab File: BM012464.D
 Acq: 26 Oct 2017 03:14

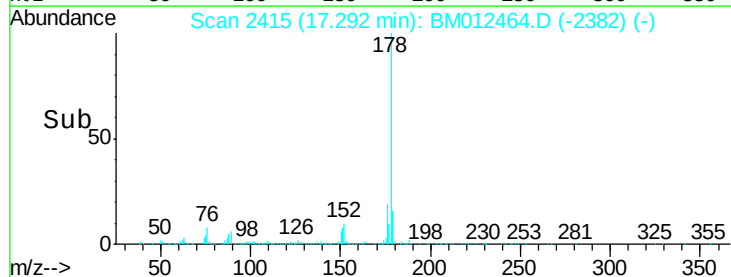
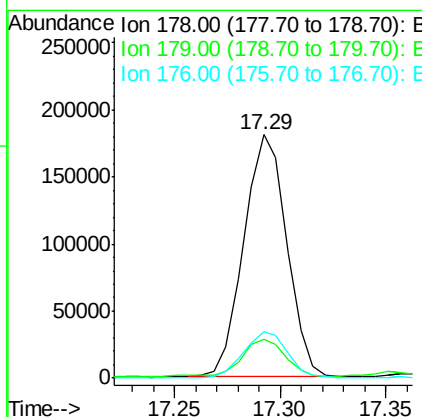
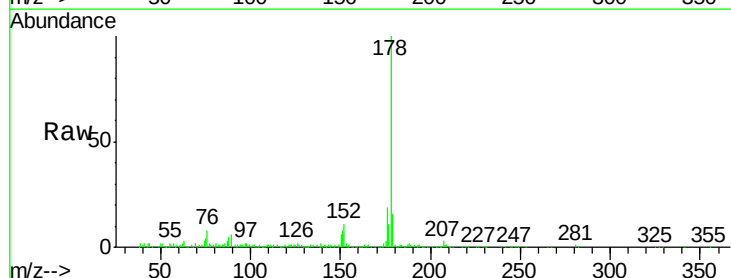
Instrument :
 BNA_M
 ClientSampleId :

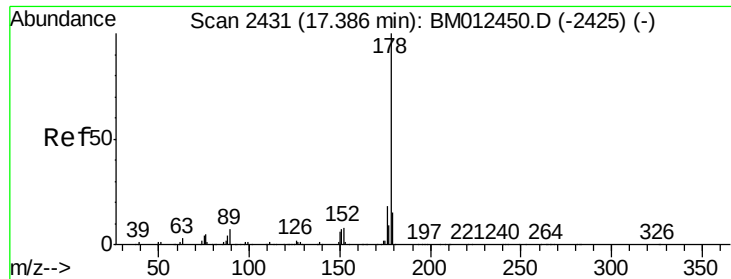
Tot Ion	Ratio	Lower	Upper
198	100		
182	2.8	3.8	5.6#
77	8.9	25.2	37.8#



#69
 Phenanthrene
 Concen: 1.57 ng/ul
 RT: 17.29 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BM012464.D
 Acq: 26 Oct 2017 03:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	18.8	14.9	22.3

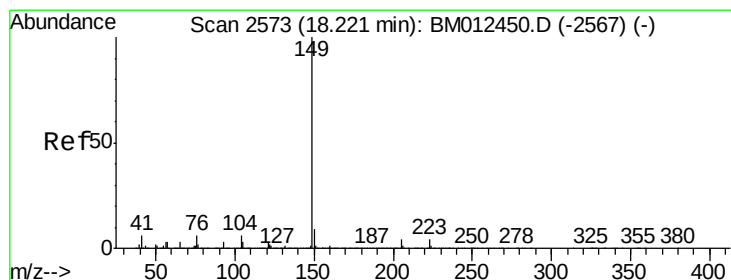
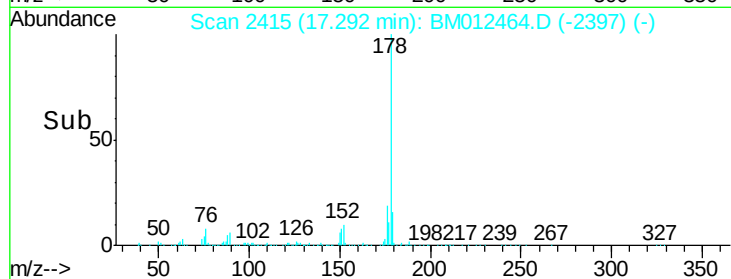
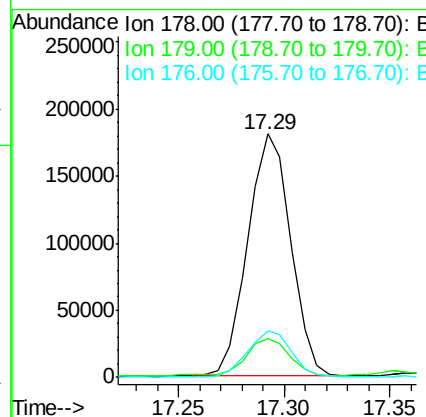
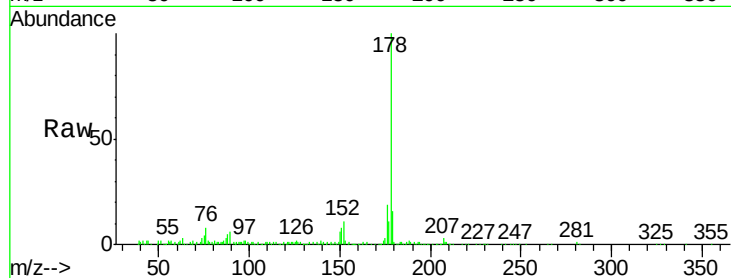




#71
 Anthracene
 Concen: 1.52 ng/ul
 RT: 17.29 min Scan# 2415
 Delta R.T. -0.09 min
 Lab File: BM012464.D
 Acq: 26 Oct 2017 03:14

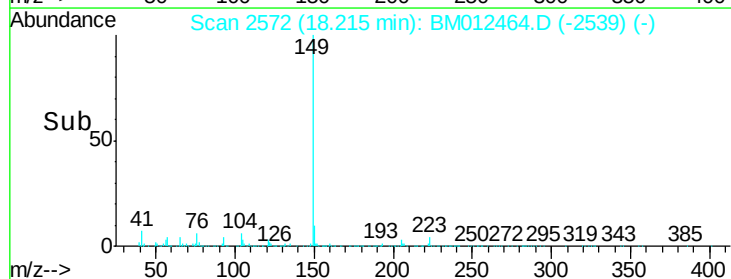
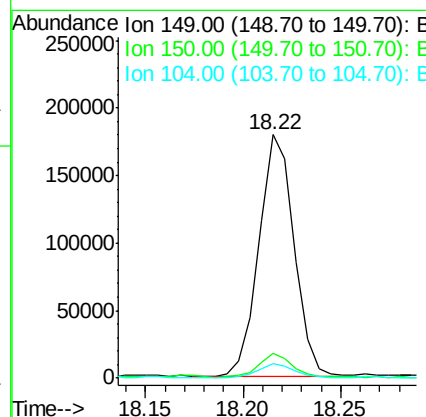
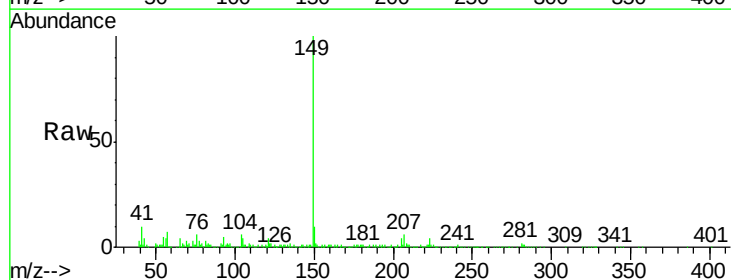
Instrument :
 BNA_M
 ClientSampleId :

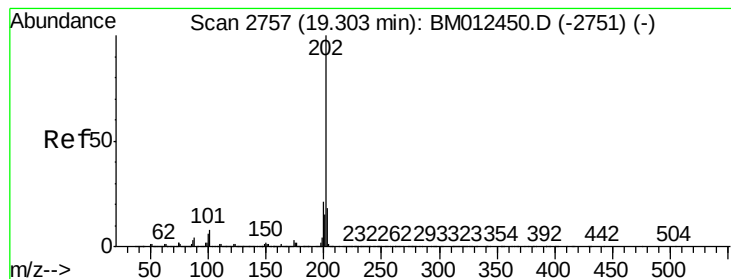
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	18.8	14.6	21.8



#73
 Di-n-butylphthalate
 Concen: 1.26 ng/ul
 RT: 18.22 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BM012464.D
 Acq: 26 Oct 2017 03:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.1	10.7
104	6.0	5.6	8.4





#74

Fluoranthene

Concen: 1.87 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BM012464.D

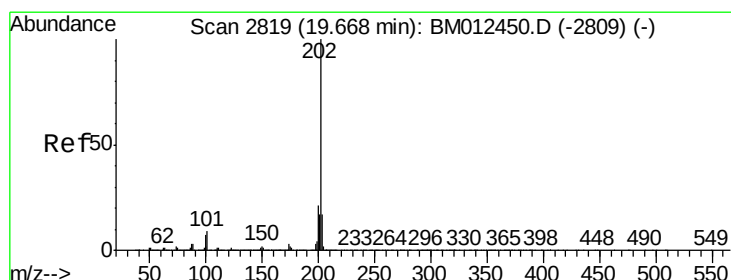
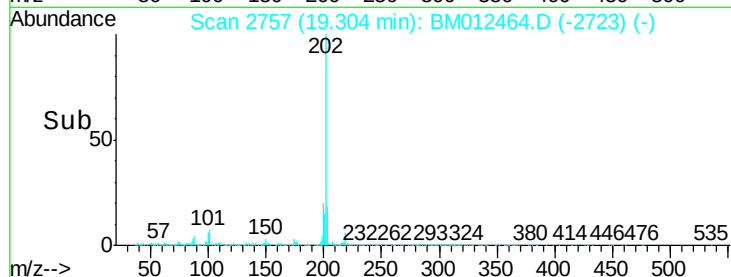
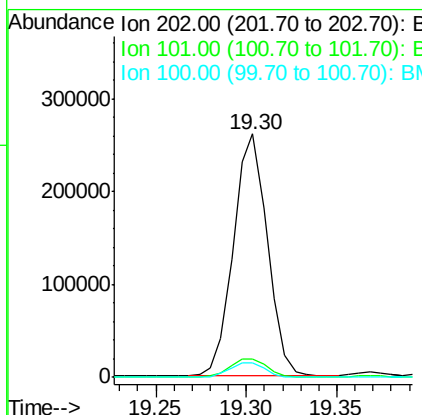
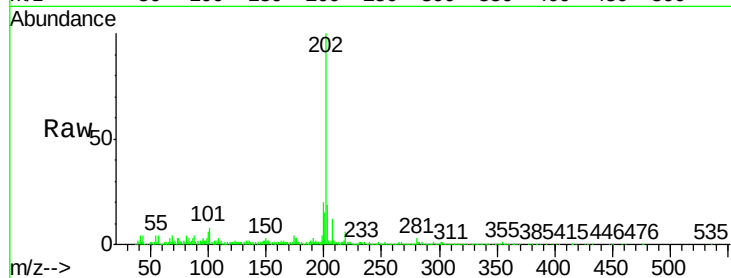
Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	341143
Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	5.8	3.4	5.2#



#77

Pyrene

Concen: 2.42 ng/ul

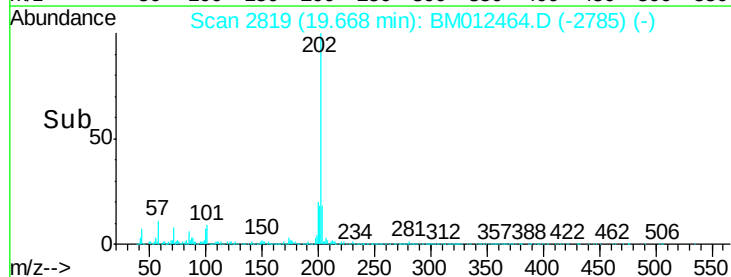
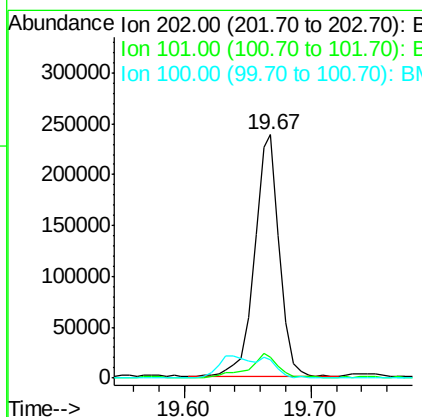
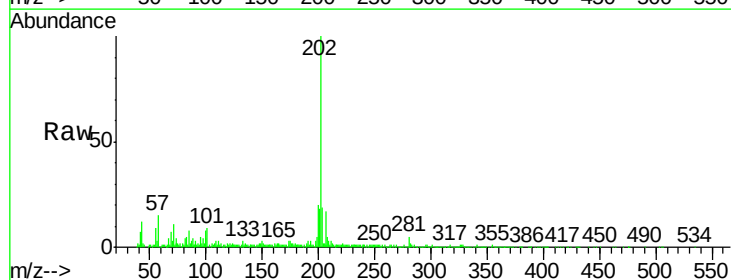
RT: 19.67 min Scan# 2819

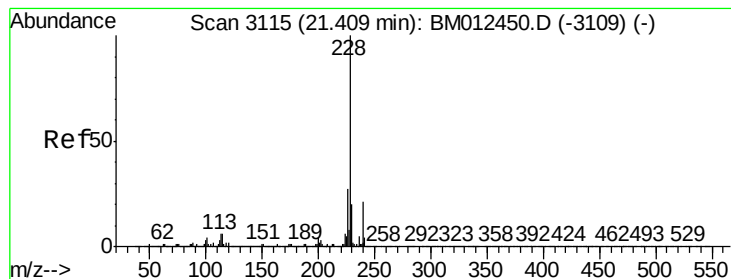
Delta R.T. 0.00 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Tgt Ion:	202	Resp:	324642
Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.1	7.7#
100	7.5	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 1.14 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

ClientSampleId :

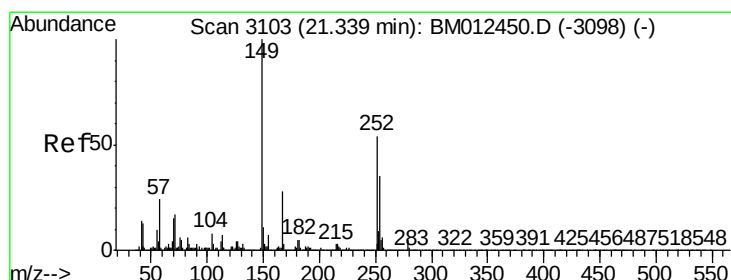
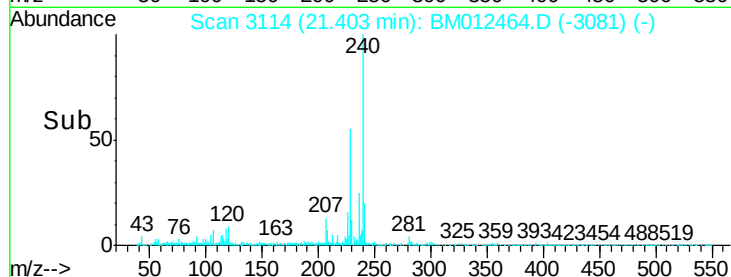
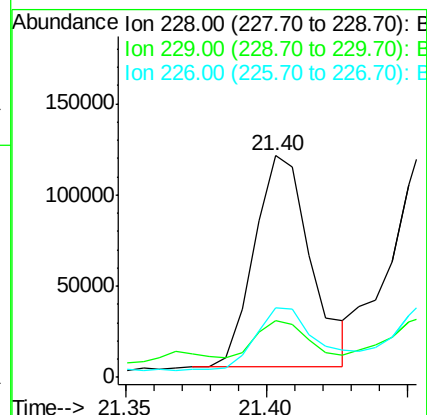
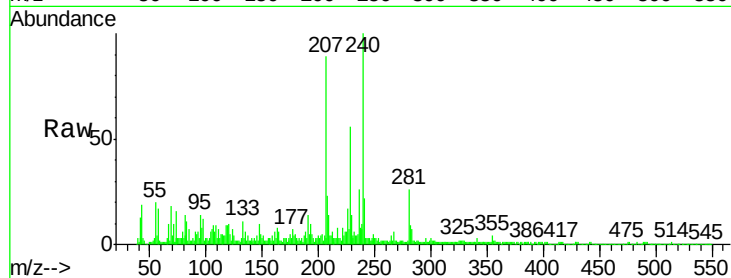
Tot Ion:228 Resp: 161363

Ion Ratio Lower Upper

228 100

229 25.7 15.4 23.0#

226 31.3 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 7.00 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

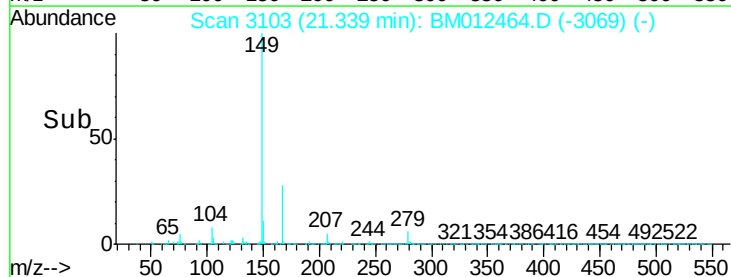
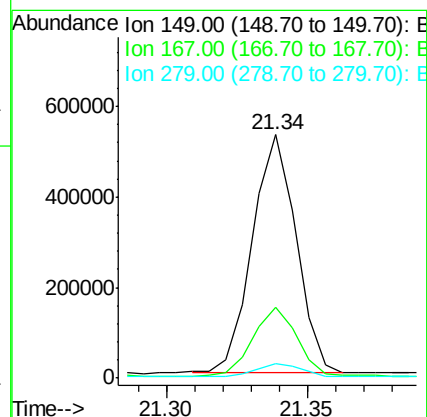
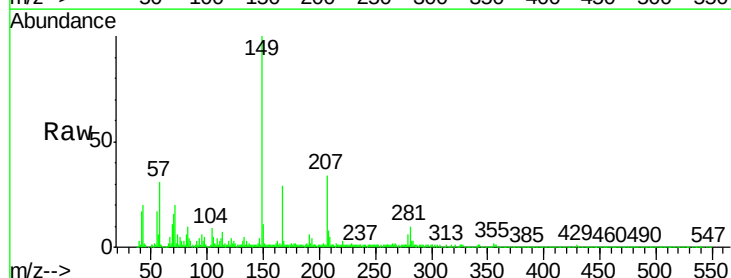
Tgt Ion:149 Resp: 562405

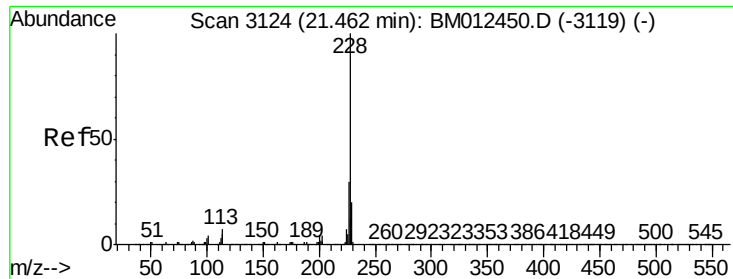
Ion Ratio Lower Upper

149 100

167 29.1 22.8 34.2

279 6.1 4.9 7.3





#82

Chrysene

Concen: 1.47 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

ClientSampleId :

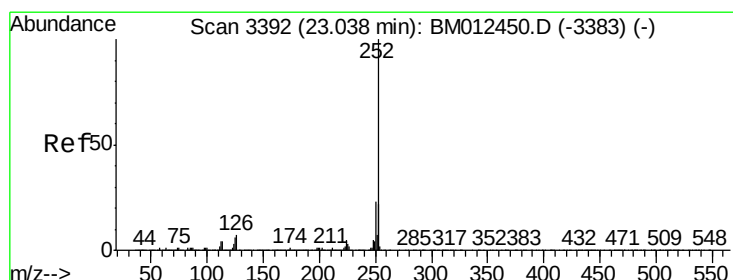
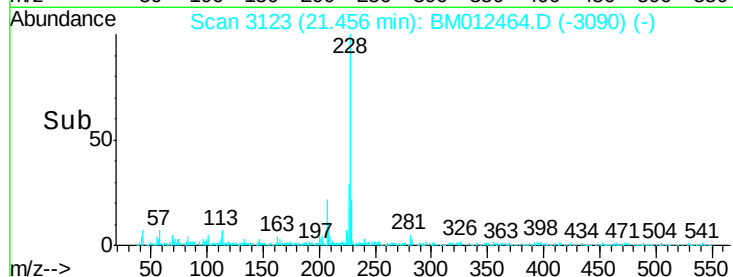
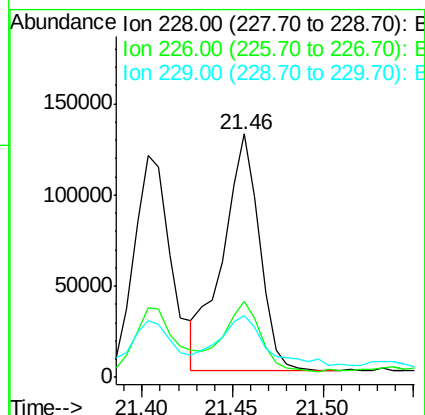
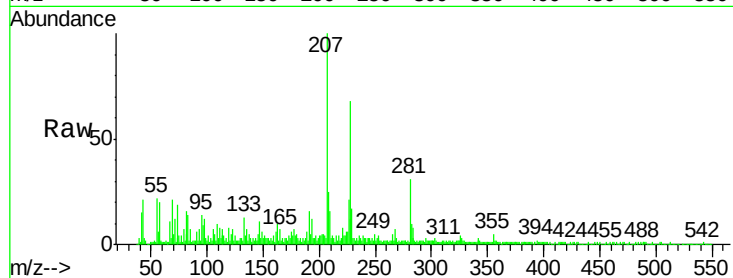
Tot Ion:228 Resp: 184427

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.2

229 25.3 15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 1.55 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

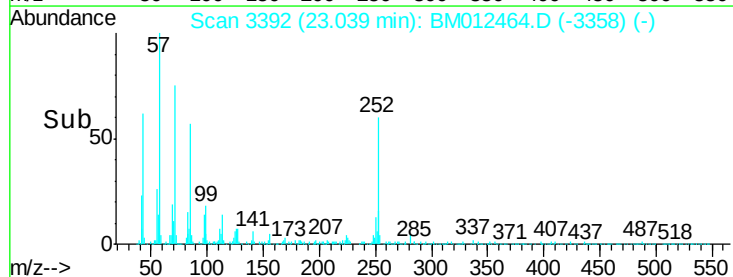
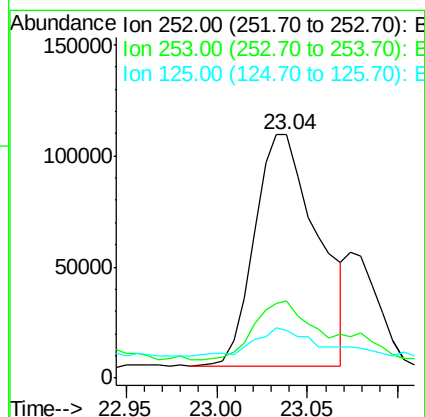
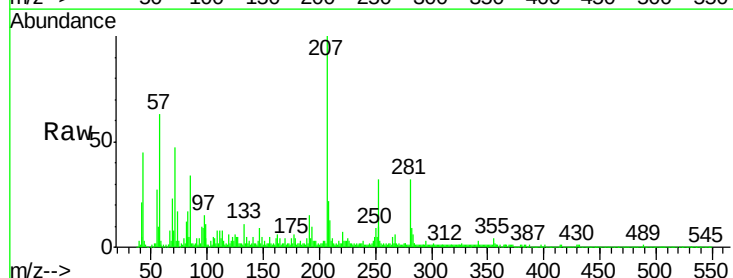
Tgt Ion:252 Resp: 252554

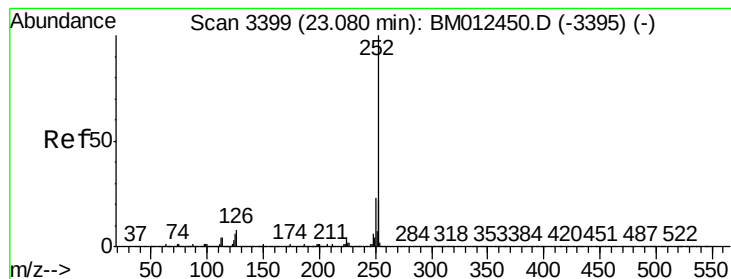
Ion Ratio Lower Upper

252 100

253 31.5 17.9 26.9#

125 19.8 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 1.64 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.04 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Instrument :

BNA_M

ClientSampled :

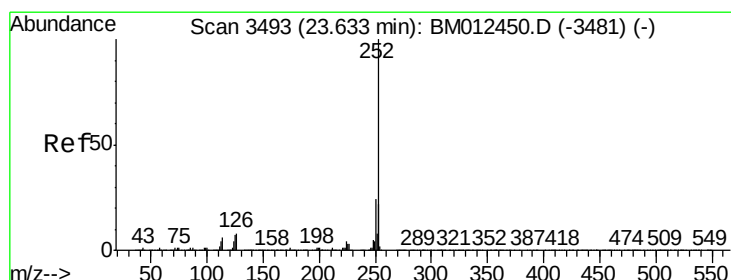
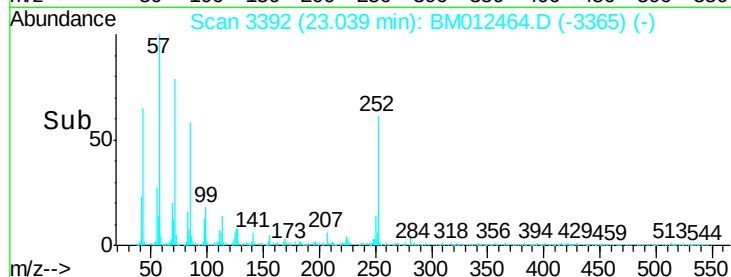
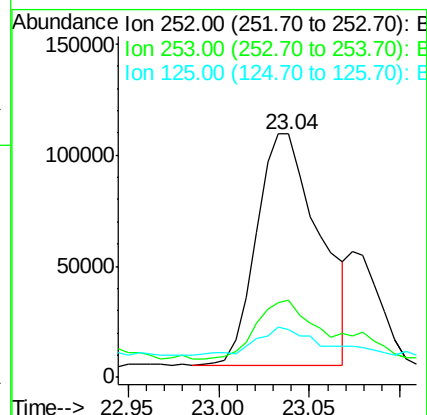
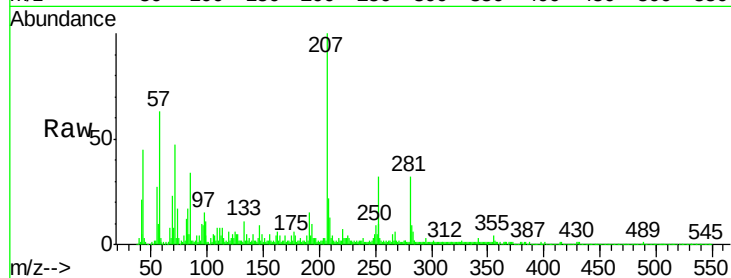
Tot Ion:252 Resp: 252554

Ion Ratio Lower Upper

252 100

253 31.5 17.1 25.7#

125 19.8 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 1.11 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM012464.D

Acq: 26 Oct 2017 03:14

Tgt Ion:252 Resp: 172663

Ion Ratio Lower Upper

252 100

253 30.2 18.2 27.2#

125 21.1 4.0 6.0#

