

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018538.D
 Acq On : 29 Aug 2015 16:14
 Operator : UM/MA
 Sample : G3448-12RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE6RE

Quant Time: Aug 31 03:37:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:36:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	63263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	281841	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	90441	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.38	188	526886	20.00	ng/ul	-0.01
78) Chrysene-d12	21.64	240	302531	20.00	ng/ul	-0.03
86) Perylene-d12	24.85	264	1042	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2067	1.44	ng/uL	0.00
5) Phenol-d5	7.17	99	43032	7.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	125684	35.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	132333	30.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	82586	17.12	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	82991	37.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	81493	36.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	180614	38.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	297	0.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	606531	79.71	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	161665	16.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	23869	17.44	ng/ul	0.00
58) Fluorene-d10	15.63	176	532749	80.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	83694	32.29	ng/ul	-0.01
71) Anthracene-d10	17.38	188	526886	20.91	ng/ul	-0.11
79) Pyrene-d10	19.76	212	132798	8.46	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	7505	135.67	ng/ul	-0.05

Target Compounds

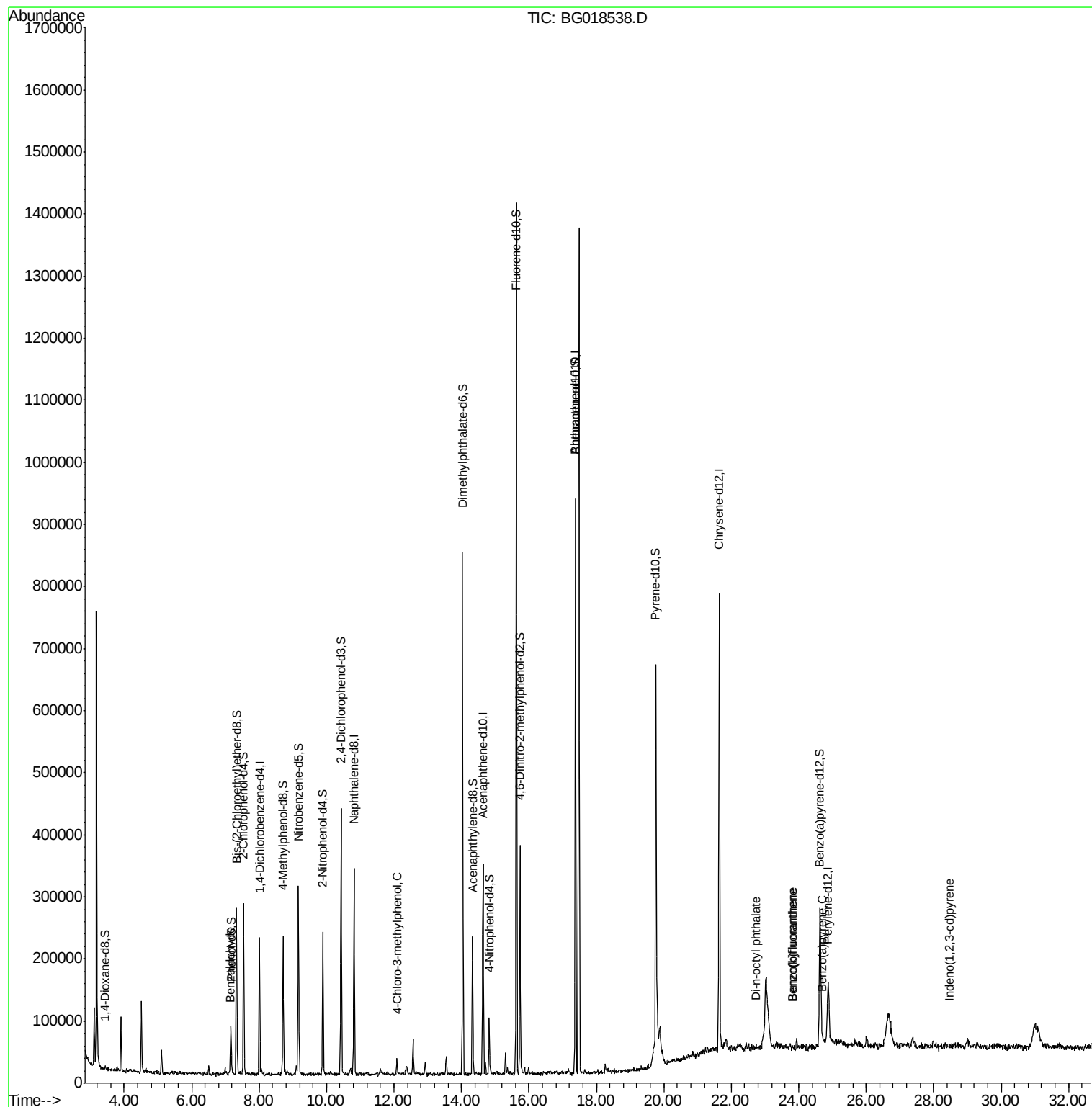
						Qvalue
4) Benzaldehyde	7.15	77	3723	1.11	ng/ul	83
33) 4-Chloro-3-methylphenol	12.08	107	9062	1.76	ng/ul#	85
87) Di-n-octyl phthalate	22.74	149	324	4.82	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	75	1.15	ng/ul#	1
89) Benzo(k)fluoranthene	23.84	252	184	2.92	ng/ul#	11
91) Benzo(a)pyrene	24.71	252	430	6.91	ng/ul#	1
92) Indeno(1,2,3-cd)pyrene	28.47	276	181	2.51	ng/ul#	37

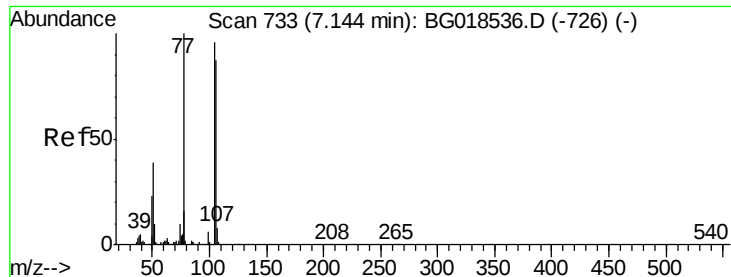
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.11 ng/ul

RT: 7.15 min Scan# 734

Delta R.T. 0.01 min

Lab File: BG018538.D

Acq: 29 Aug 2015 16:14

Instrument :

BNA_G

ClientSampleId :

C0AE6RE

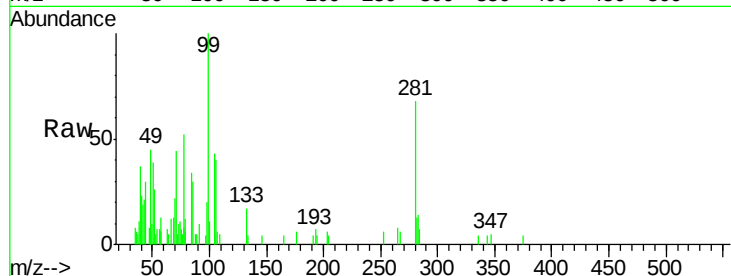
Tgt Ion: 77 Resp: 3723

Ion Ratio Lower Upper

77 100

105 83.0 78.2 117.2

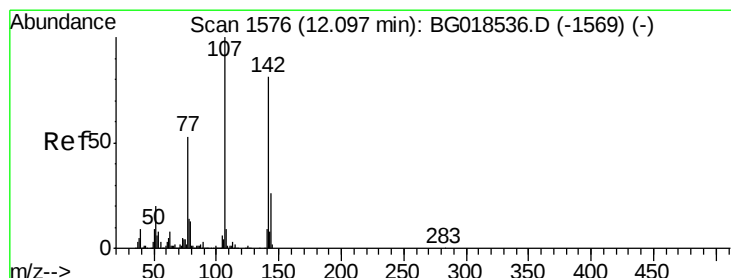
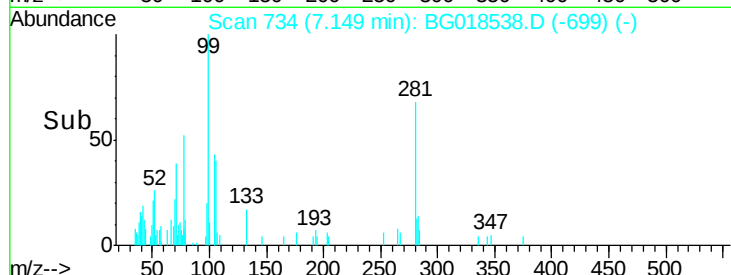
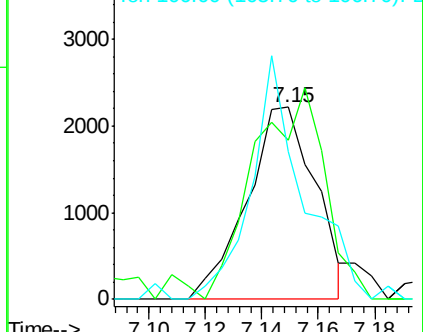
106 76.9 76.8 115.2



Abundance Ion 77.00 (76.70 to 77.70): BG018536.D (-726) (-)

Ion 105.00 (104.70 to 105.70): BG018536.D (-726) (-)

Ion 106.00 (105.70 to 106.70): BG018536.D (-726) (-)



#33

4-Chloro-3-methylphenol

Concen: 1.76 ng/ul

RT: 12.08 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BG018538.D

Acq: 29 Aug 2015 16:14

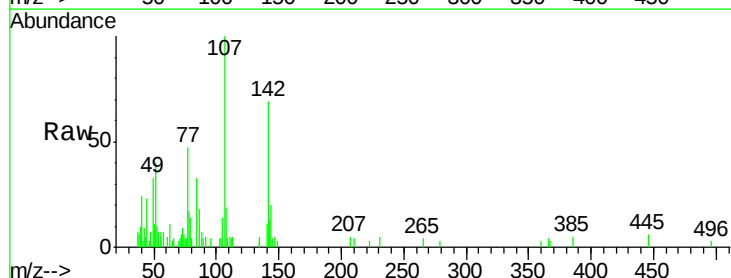
Tgt Ion: 107 Resp: 9062

Ion Ratio Lower Upper

107 100

144 20.4 21.4 32.2#

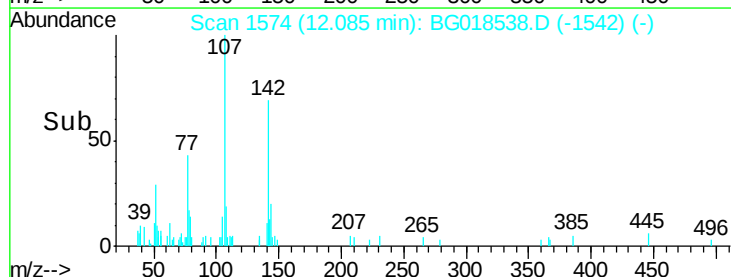
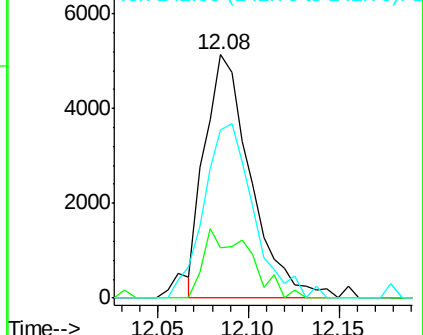
142 68.8 66.0 99.0

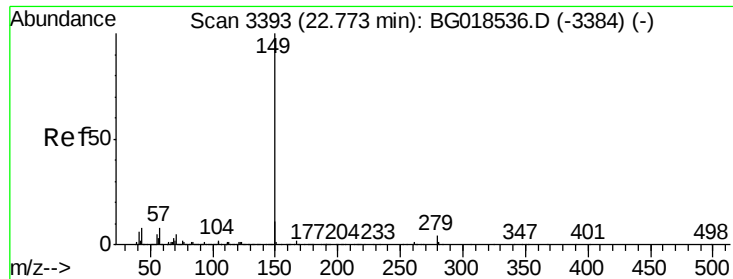


Abundance Ion 107.00 (106.70 to 107.70): BG018536.D (-1569) (-)

Ion 144.00 (143.70 to 144.70): BG018536.D (-1569) (-)

Ion 142.00 (141.70 to 142.70): BG018536.D (-1569) (-)





#87

Di-n-octyl phthalate

Concen: 4.82 ng/ul

RT: 22.74 min Scan# 3387

Delta R.T. -0.04 min

Lab File: BG018538.D

Acq: 29 Aug 2015 16:14

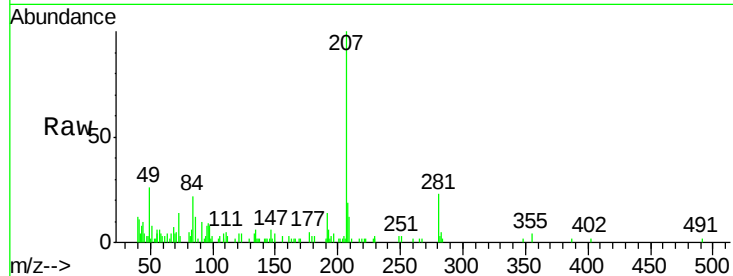
Instrument :

BNA_G

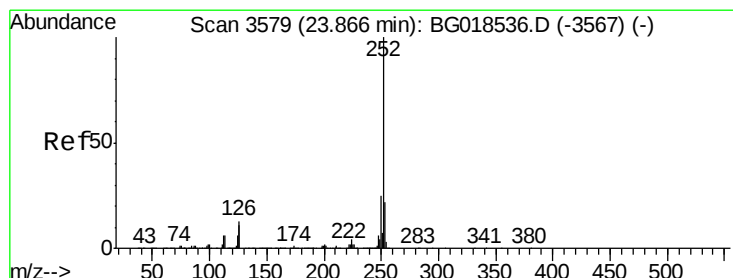
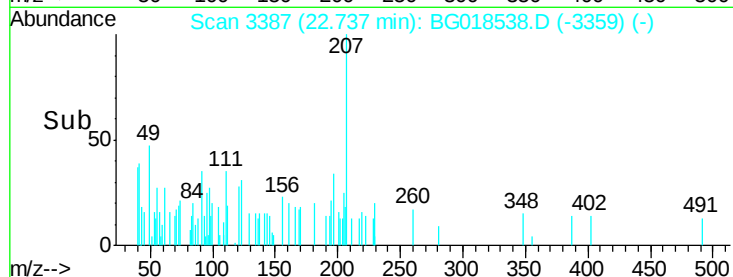
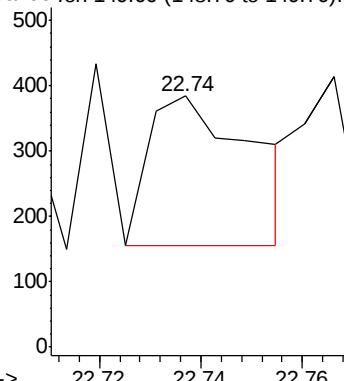
ClientSampleId :

C0AE6RE

Tgt Ion:149 Resp: 324



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 1.15 ng/ul

RT: 23.82 min Scan# 3572

Delta R.T. -0.04 min

Lab File: BG018538.D

Acq: 29 Aug 2015 16:14

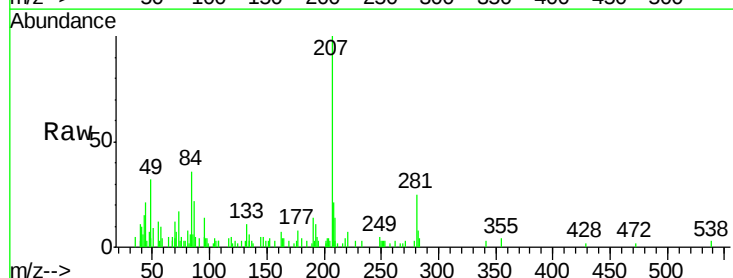
Tgt Ion:252 Resp: 75

Ion Ratio Lower Upper

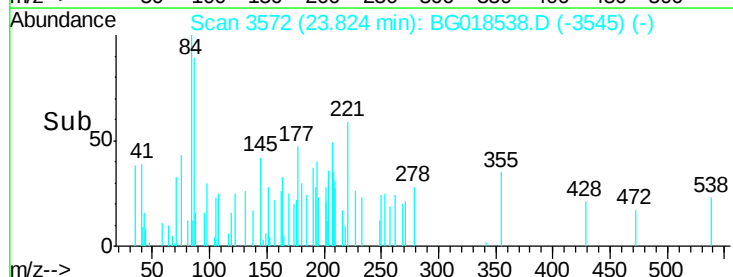
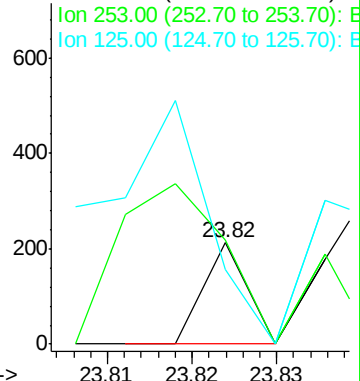
252 100

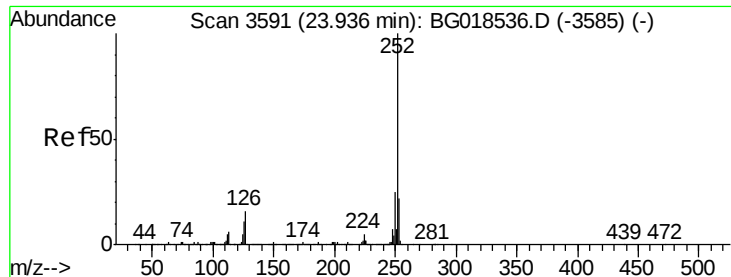
253 102.8 18.1 27.1#

125 74.1 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 2.92 ng/ul

RT: 23.84 min Scan# 3575

Delta R.T. -0.09 min

Lab File: BG018538.D

Acq: 29 Aug 2015 16:14

Instrument :

BNA_G

ClientSampleId :

C0AE6RE

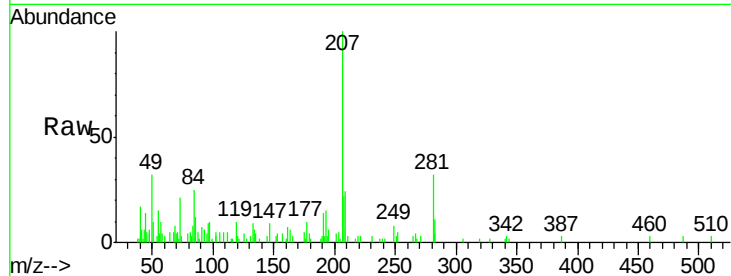
Tgt Ion:252 Resp: 184

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

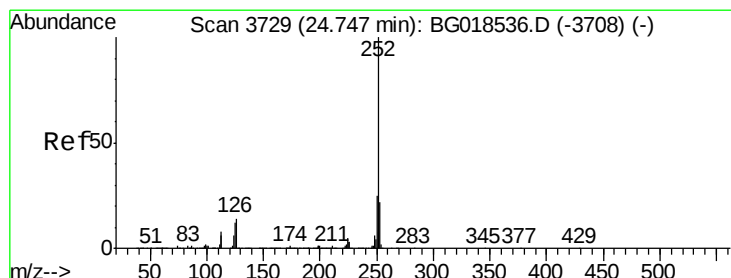
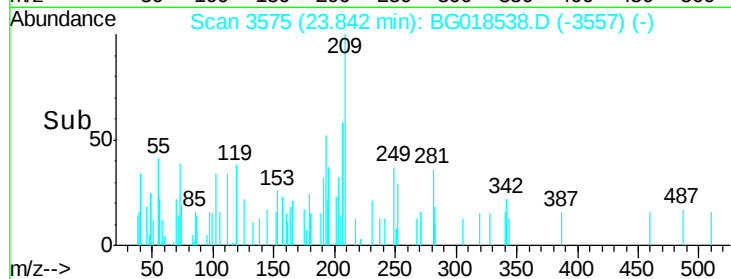
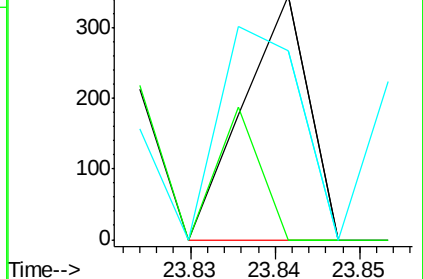
125 77.6 9.0 13.4#



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



#91

Benzo(a)pyrene

Concen: 6.91 ng/ul

RT: 24.71 min Scan# 3723

Delta R.T. -0.04 min

Lab File: BG018538.D

Acq: 29 Aug 2015 16:14

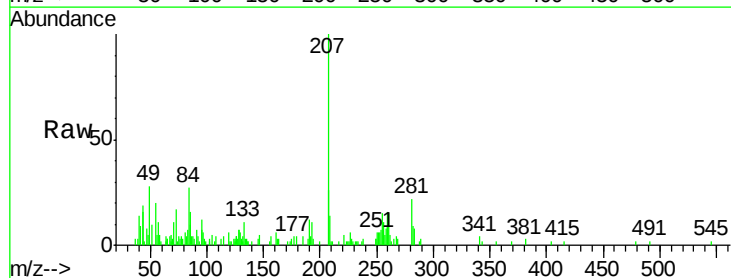
Tgt Ion:252 Resp: 430

Ion Ratio Lower Upper

252 100

253 101.0 17.7 26.5#

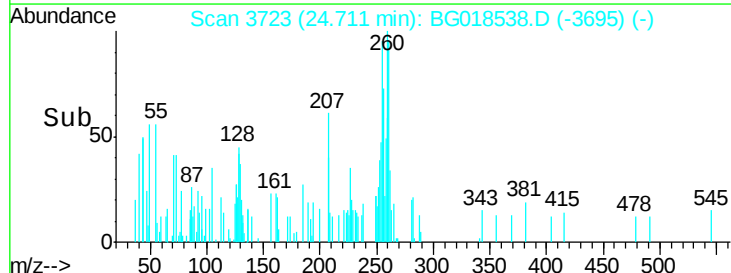
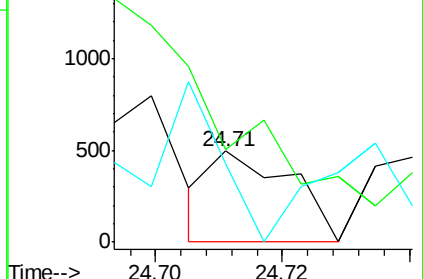
125 86.5 10.2 15.2#

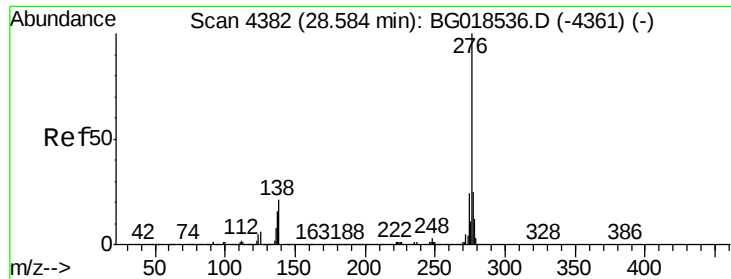


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.51 ng/ul

RT: 28.47 min Scan# 4362

Delta R.T. -0.12 min

Lab File: BG018538.D

Acq: 29 Aug 2015 16:14

Instrument :

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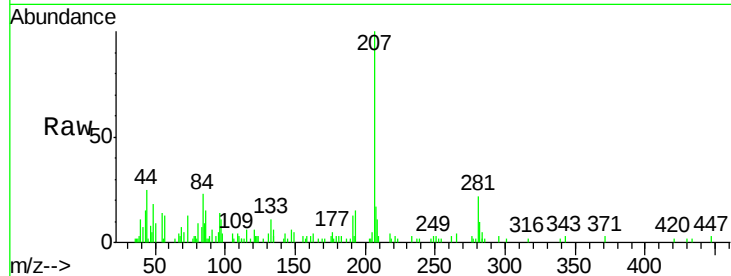
Tgt Ion: 276 Resp: 181

Ion Ratio Lower Upper

276 100

138 0.0 15.8 23.6#

277 62.6 18.9 28.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

