

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 04:20:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	141511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	639454	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	507504	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	2265024	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	1484	20.00	ng/ul	0.19
83) Perylene-d12	25.41	264	3576	20.00	ng/ul	0.18

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	10155	4.01	ng/uL	0.00
5) Phenol-d5	7.31	99	585032	39.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	355616	42.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	380395	38.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	443876	38.39	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	270	0.05	ng/ul	0.06
22) 2-Nitrophenol-d4	10.06	143	246039	40.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	473080	36.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	607861	55.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1664012	40.36	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1869211	39.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	262900	40.61	ng/ul	0.00
57) Fluorene-d10	15.80	176	1553992	39.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	2133	0.15	ng/ul	0.09
70) Anthracene-d10	17.70	188	2514	0.02	ng/ul	0.06
76) Pyrene-d10	20.17	212	3692	52.08	ng/ul	0.24
87) Benzo(a)pyrene-d12	25.37	264	3618	21.30	ng/ul	0.38

Target Compounds

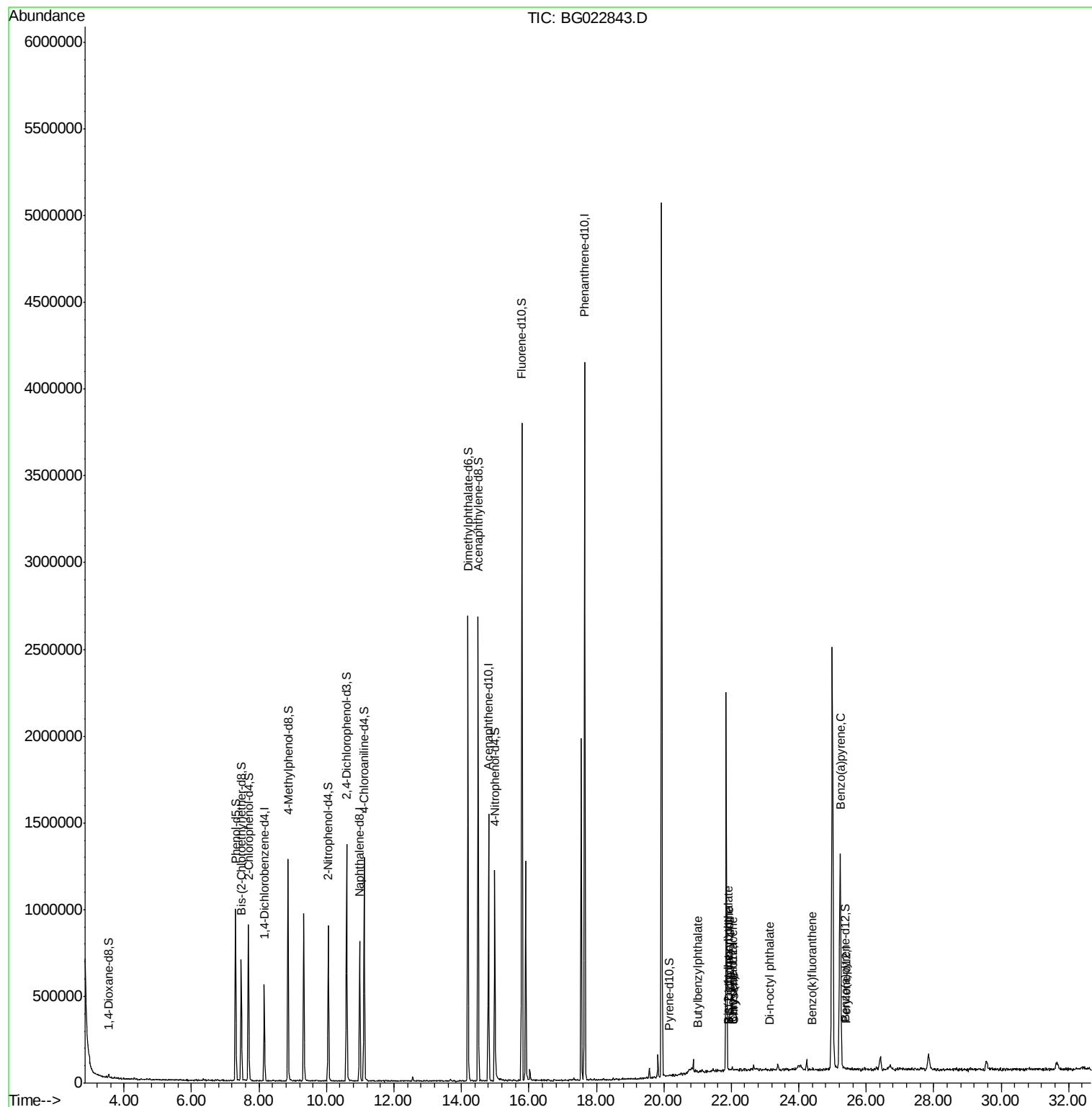
					Ovalue	
78) Butylbenzylphthalate	21.01	149	178	5.52	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.92	252	133	4.73	ng/ul#	26
80) Benzo(a)anthracene	22.05	228	99	1.14	ng/ul#	51
81) Bis(2-ethylhexyl)phthalate	21.91	149	295	7.10	ng/ul#	52
82) Chrysene	22.08	228	204	2.57	ng/ul#	50
84) Di-n-octyl phthalate	23.15	149	706	4.48	ng/ul	100
86) Benzo(k)fluoranthene	24.39	252	401	1.91	ng/ul#	5
88) Benzo(a)pyrene	25.23	252	474	2.23	ng/ul#	60

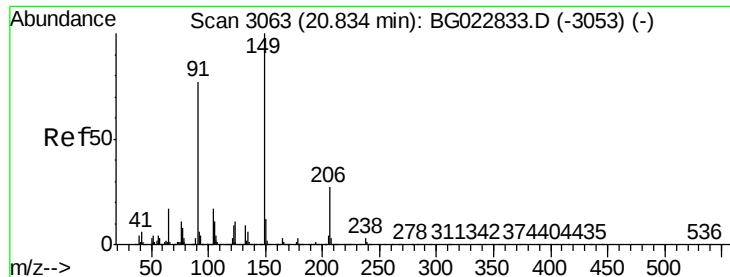
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#78

Butylbenzylphthalate

Concen: 5.52 ng/ul

RT: 21.01 min Scan# 3093

Delta R.T. 0.18 min

Lab File: BG022843.D

Acq: 4 Jul 2016 00:32

Instrument :

BNA_G

ClientSampled :

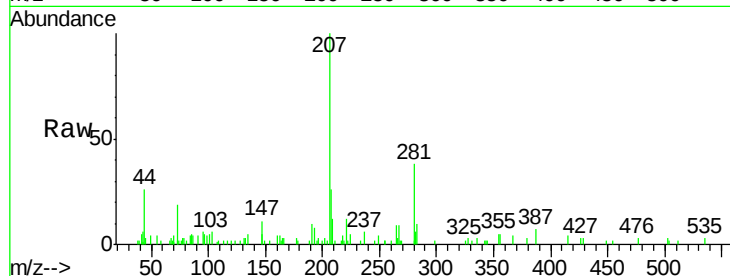
Tot Ion:149 Resp: 178

Ion Ratio Lower Upper

149 100

91 250.5 54.2 81.4#

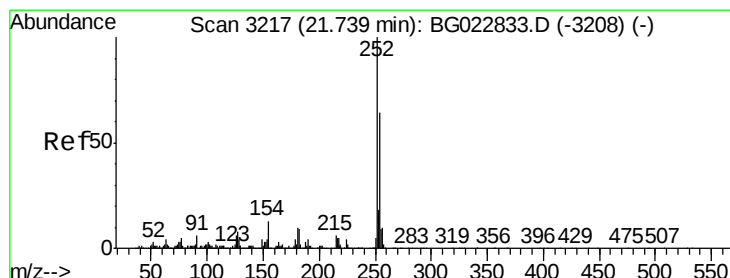
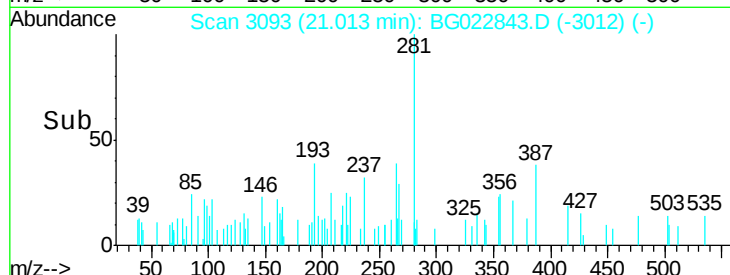
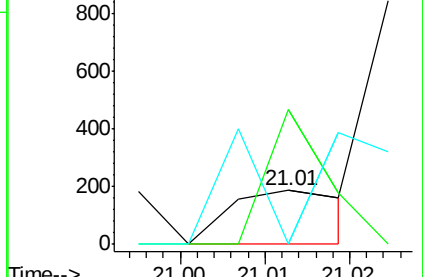
206 0.0 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 4.73 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. 0.18 min

Lab File: BG022843.D

Acq: 4 Jul 2016 00:32

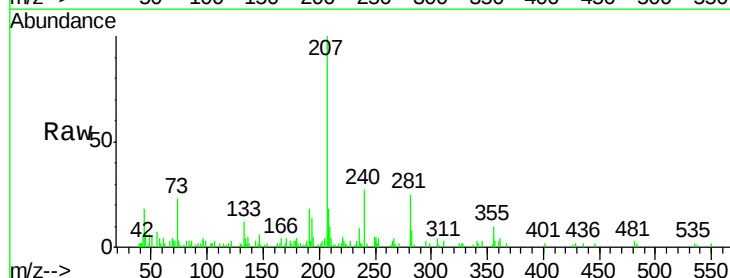
Tgt Ion:252 Resp: 133

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

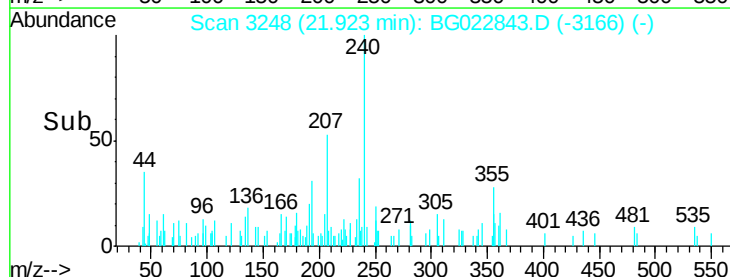
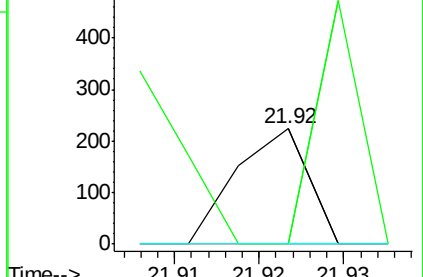
126 0.0 10.7 16.1#

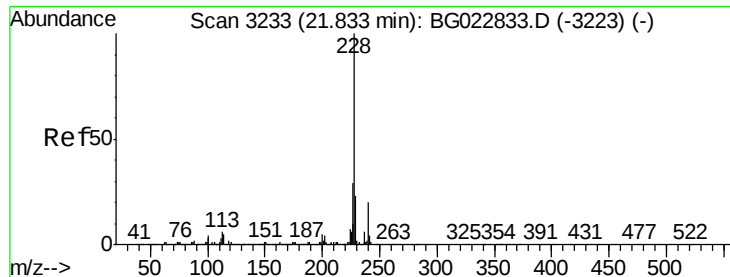


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 1.14 ng/ul

RT: 22.05 min Scan# 3269

Delta R.T. 0.21 min

Lab File: BG022843.D

Acq: 4 Jul 2016 00:32

Instrument :

BNA_G

ClientSampleId :

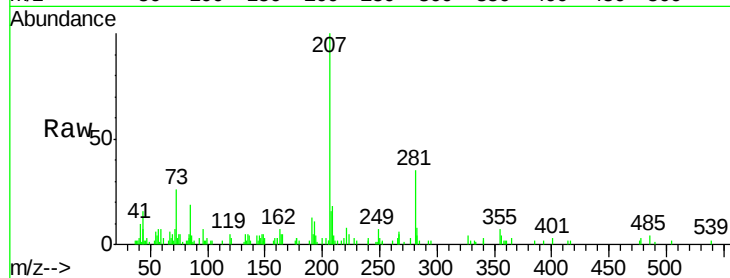
Tot Ion:228 Resp: 99

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

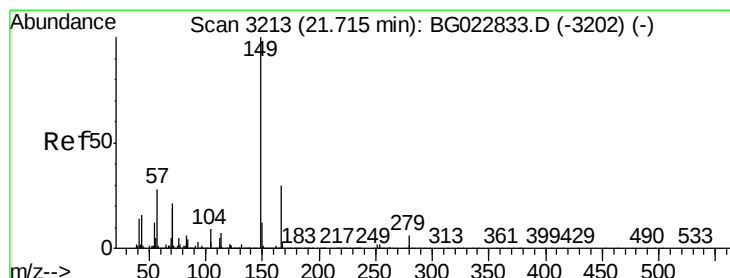
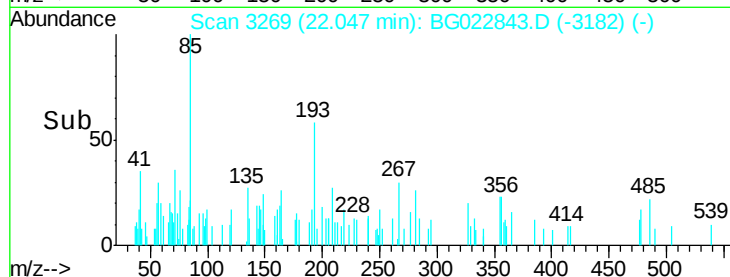
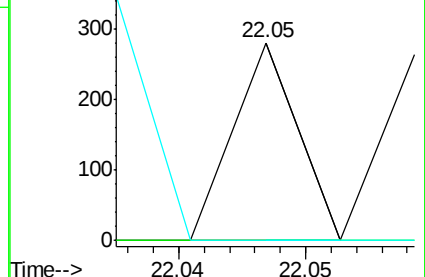
226 0.0 22.8 34.2#



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 7.10 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. 0.20 min

Lab File: BG022843.D

Acq: 4 Jul 2016 00:32

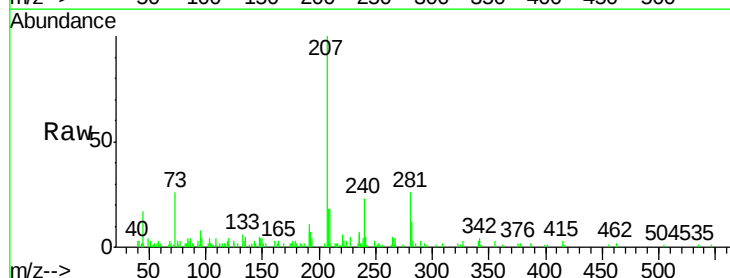
Tgt Ion:149 Resp: 295

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

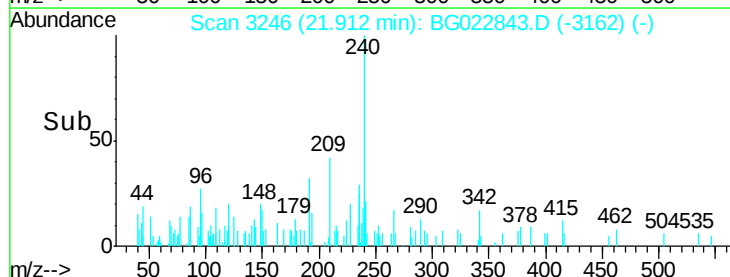
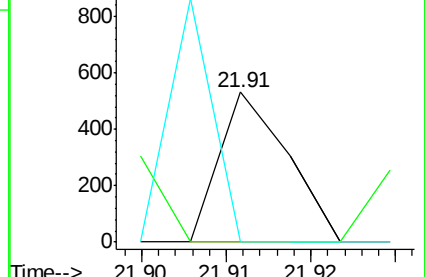
279 0.0 2.9 4.3#

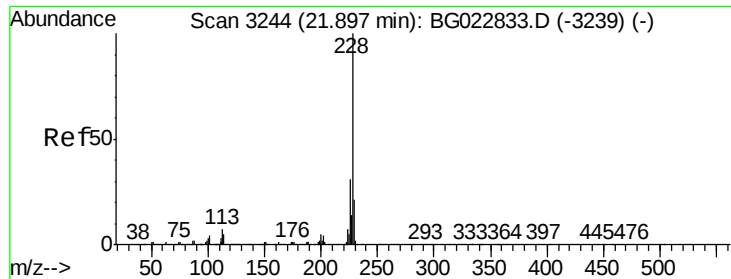


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

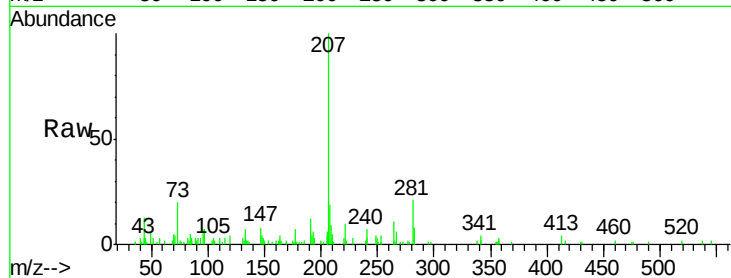




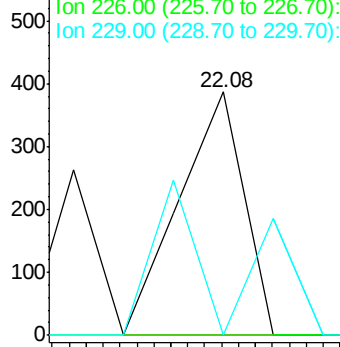
#82
 Chrysene
 Concen: 2.57 ng/ul
 RT: 22.08 min Scan# 3274
 Delta R.T. 0.18 min
 Lab File: BG022843.D
 Acq: 4 Jul 2016 00:32

Instrument :
 BNA_G
 ClientSampleId :

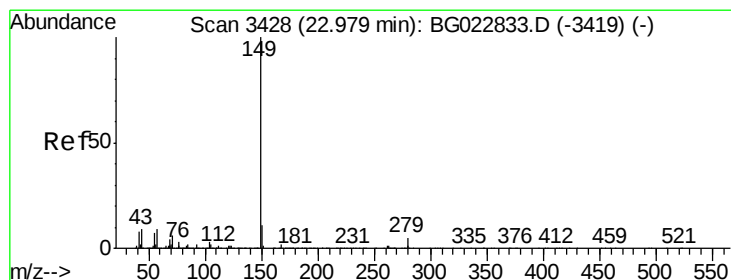
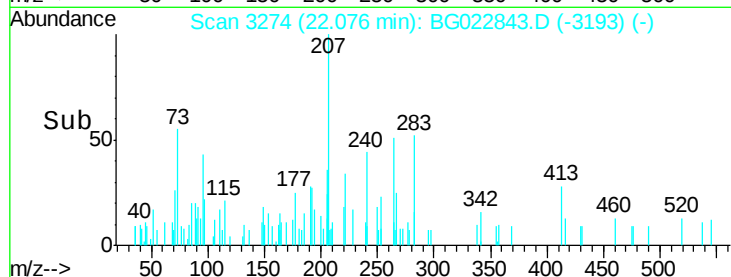
Tot Ion:228 Resp: 204
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.2 36.4#
 229 0.0 15.0 22.6#



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

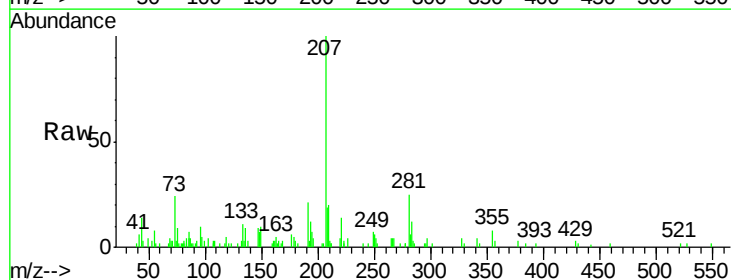


Time-->

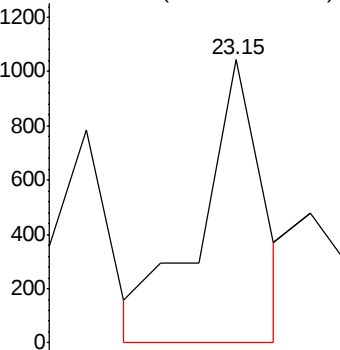


#84
 Di-n-octyl phthalate
 Concen: 4.48 ng/ul
 RT: 23.15 min Scan# 3456
 Delta R.T. 0.17 min
 Lab File: BG022843.D
 Acq: 4 Jul 2016 00:32

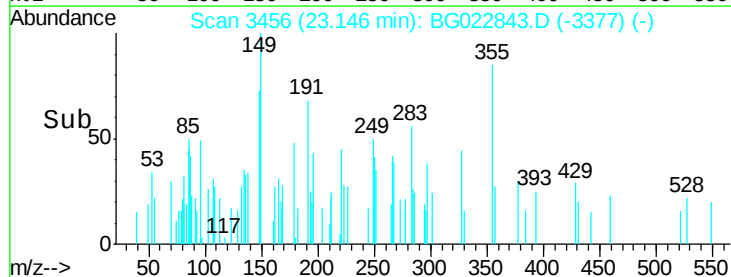
Tgt Ion:149 Resp: 706

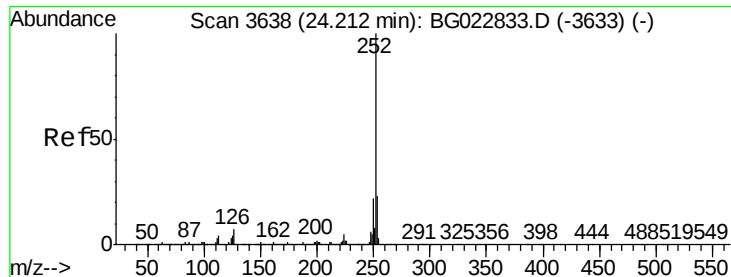


Abundance Ion 149.00 (148.70 to 149.70): E



Time-->





#86

Benzo(k)fluoranthene

Concen: 1.91 ng/ul

RT: 24.39 min Scan# 3668

Delta R.T. 0.18 min

Lab File: BG022843.D

Acq: 4 Jul 2016 00:32

Instrument :

BNA_G

ClientSampled :

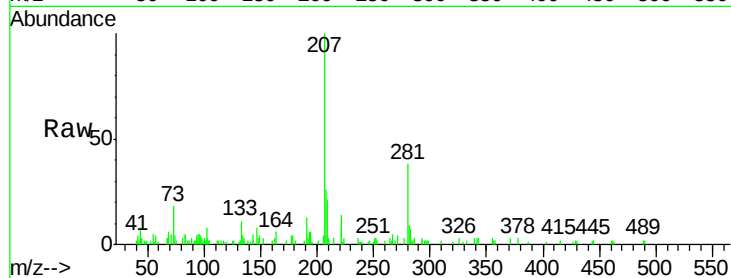
Tot Ion:252 Resp: 401

Ion Ratio Lower Upper

252 100

253 67.0 15.8 23.6#

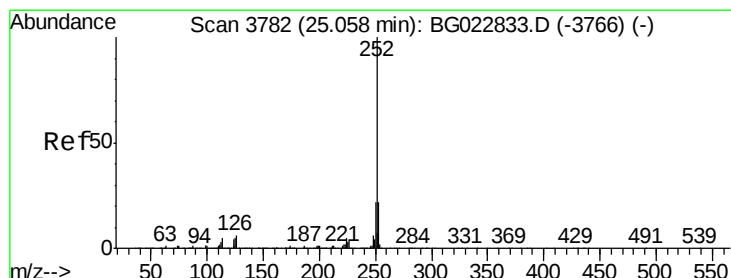
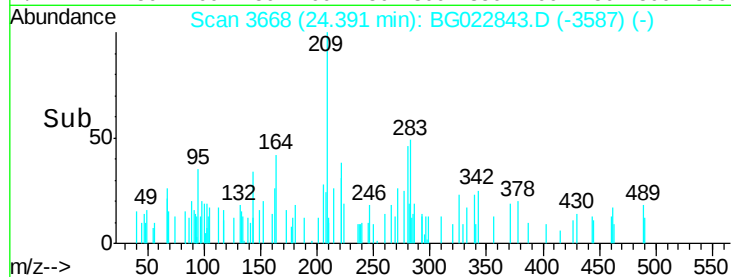
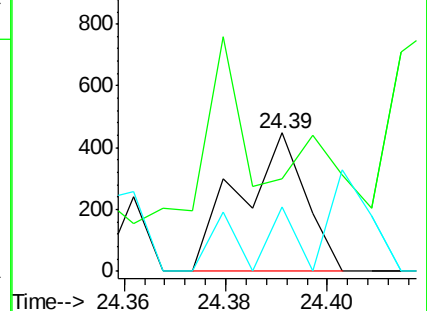
125 46.7 10.6 16.0#



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



#88

Benzo(a)pyrene

Concen: 2.23 ng/ul

RT: 25.23 min Scan# 3810

Delta R.T. 0.17 min

Lab File: BG022843.D

Acq: 4 Jul 2016 00:32

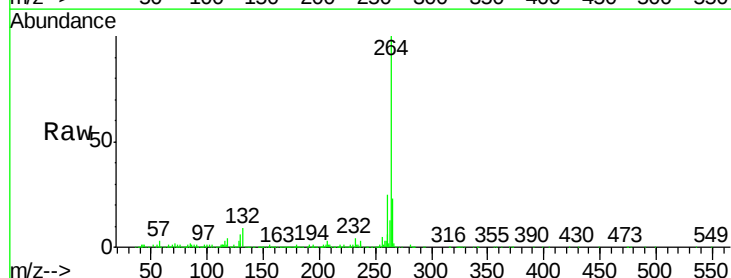
Tgt Ion:252 Resp: 474

Ion Ratio Lower Upper

252 100

253 44.4 19.0 28.4#

125 30.7 12.0 18.0#



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

