

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023626.D
 Acq On : 11 Aug 2016 14:38
 Operator : UM/SJ
 Sample : H4362-01DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-2430-01DL

Quant Time: Aug 12 03:45:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 03:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	159587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	800810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	571062	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1230408	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1001409	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1032922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	244	0.07	ng/uL	0.00
5) Phenol-d5	7.27	99	16063	1.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	13943	1.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	19755	1.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	9270	0.74	ng/ul	0.01
19) Nitrobenzene-d5	9.29	128	8330	1.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	9262	1.28	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	17695	1.29	ng/ul	0.02
29) 4-Chloroaniline-d4	11.10	131	8359	0.52	ng/ul	0.01
43) Dimethylphthalate-d6	14.18	166	72263	1.55	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	86250	1.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	2117	0.27	ng/ul	0.06
57) Fluorene-d10	15.78	176	72263	1.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	74	0.01	ng/ul	-0.04
70) Anthracene-d10	17.65	188	96955	1.75	ng/ul	0.00
76) Pyrene-d10	19.94	212	85000	1.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	71302	1.53	ng/ul	0.00

Target Compounds

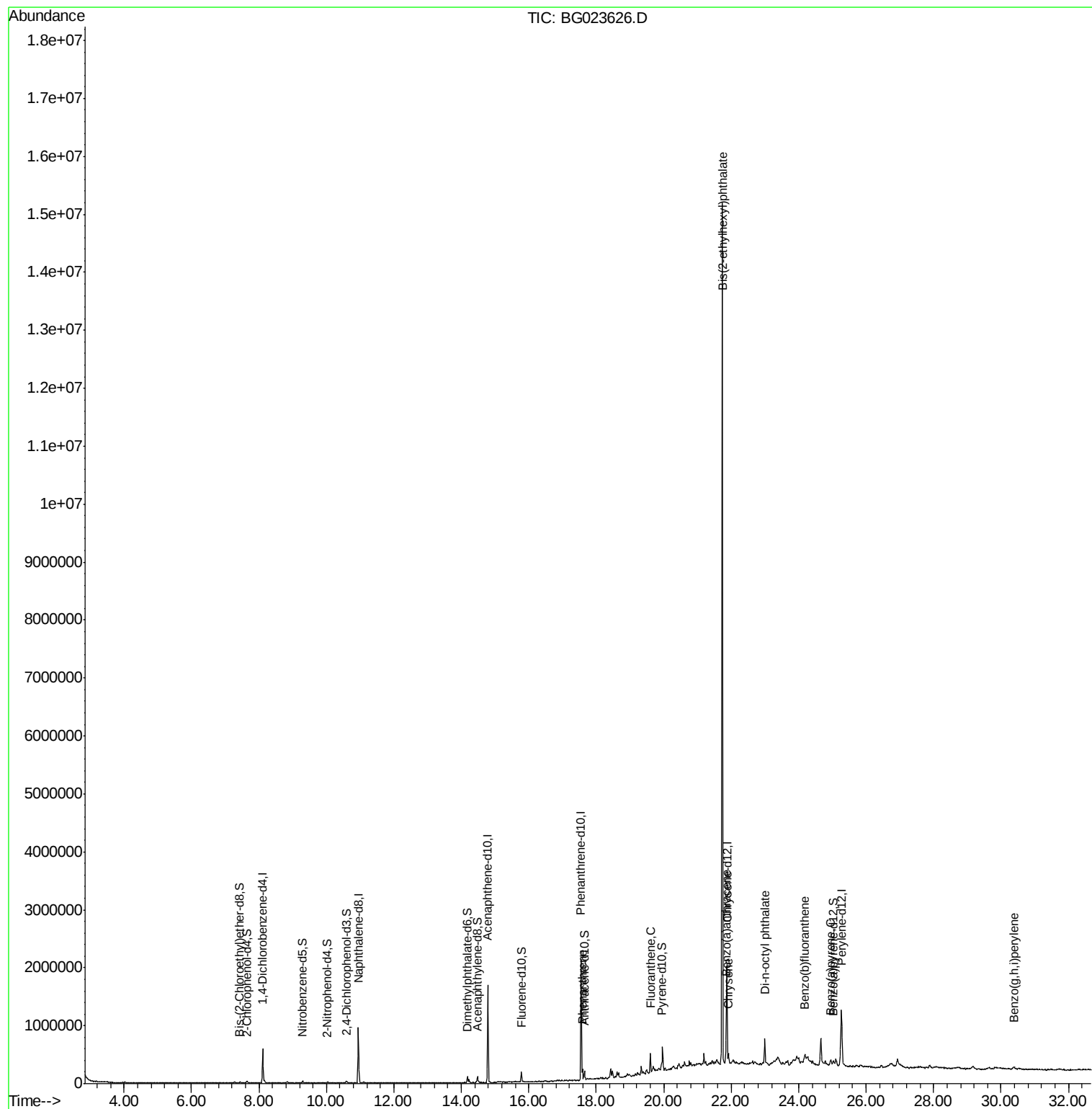
						Qvalue
69) Phenanthrene	17.60	178	130436	2.05	ng/ul	96
74) Fluoranthene	19.60	202	208085	3.19	ng/ul#	90
80) Benzo(a)anthracene	21.85	228	118097	2.09	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.74	149	4336945	137.36	ng/ul#	50
82) Chrysene	21.92	228	124471	2.43	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	395011	7.57	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	140240	2.39	ng/ul	92
88) Benzo(a)pyrene	24.95	252	60584	1.07	ng/ul	95
91) Benzo(g,h,i)perylene	30.38	276	80807	1.46	ng/ul#	89

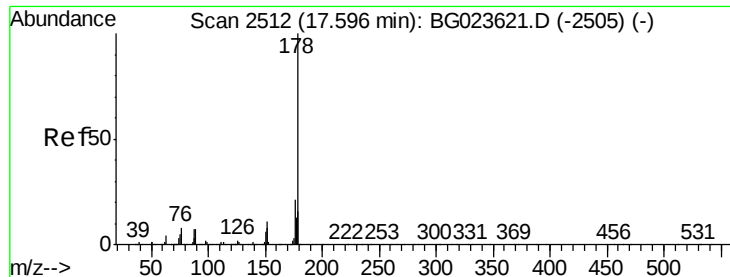
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 2.05 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

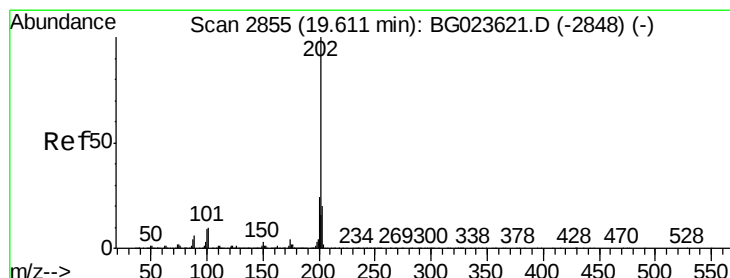
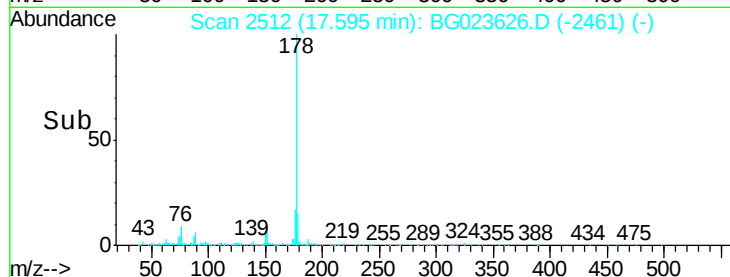
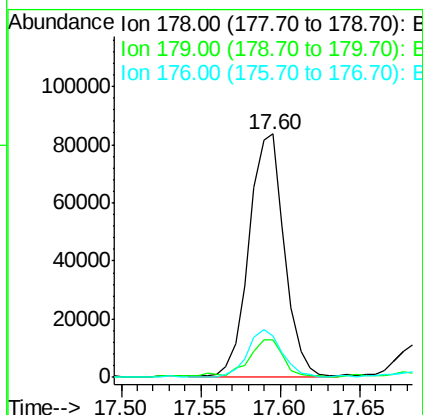
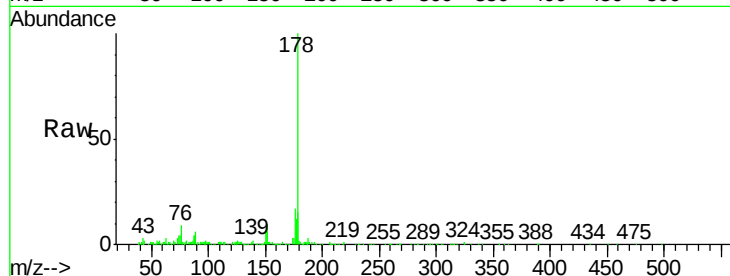
Instrument :

BNA_G

ClientSampleId :

PR001-SS004-2430-01DL

Tgt Ion:	178	Resp:	130436
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	17.0	15.8	23.8



#74

Fluoranthene

Concen: 3.19 ng/ul

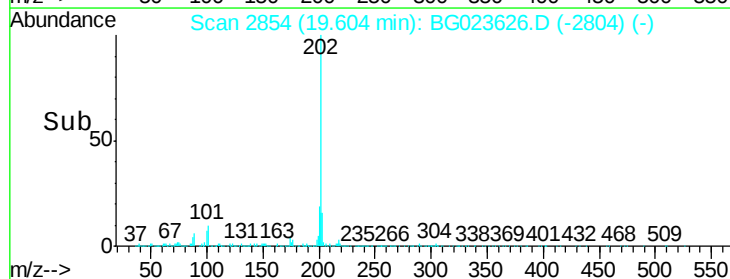
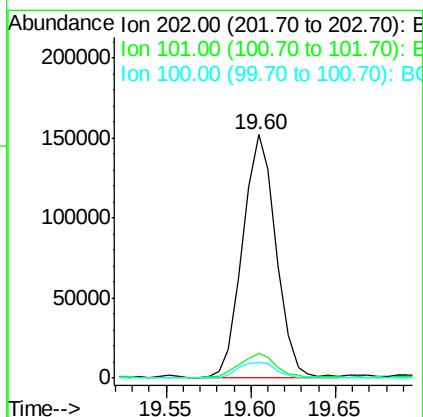
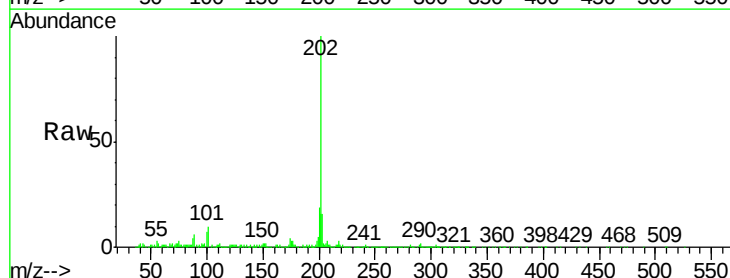
RT: 19.60 min Scan# 2854

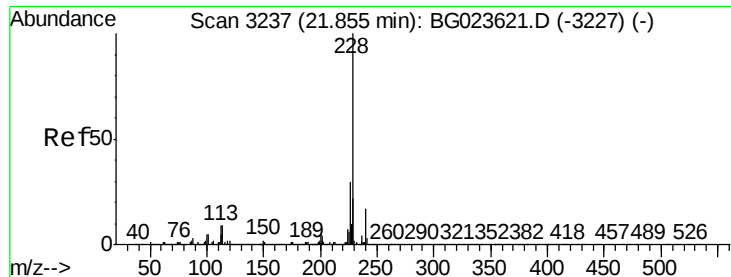
Delta R.T. -0.01 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

Tgt Ion:	202	Resp:	208085
Ion	Ratio	Lower	Upper
202	100		
101	10.0	10.6	16.0#
100	6.5	8.7	13.1#





#80

Benzo(a)anthracene

Concen: 2.09 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-2430-01DL

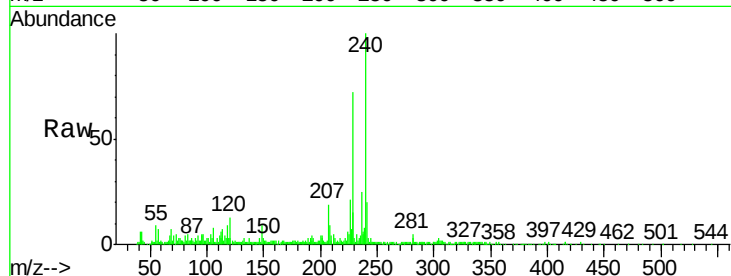
Tgt Ion:228 Resp: 118097

Ion Ratio Lower Upper

228 100

229 20.8 15.4 23.2

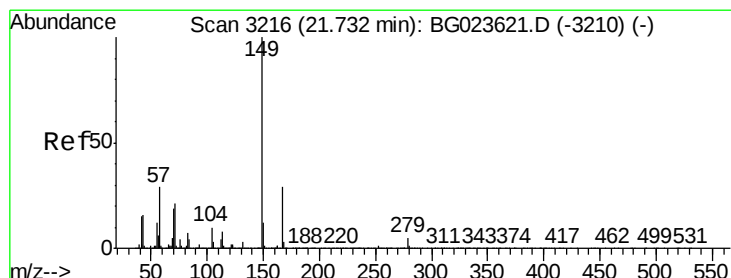
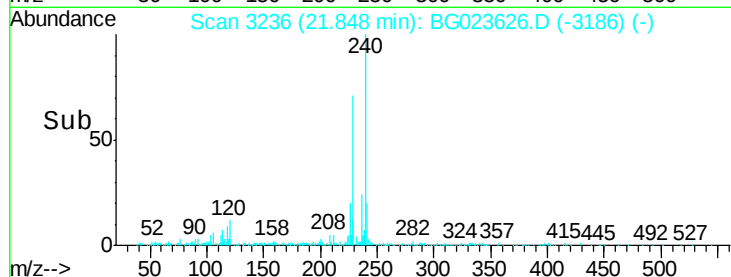
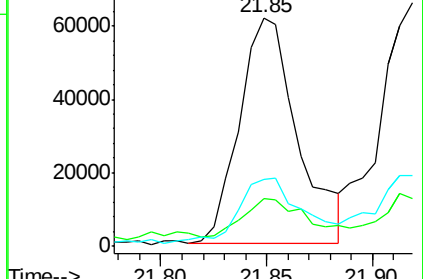
226 29.5 22.8 34.2



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: 137.36 ng/ul

RT: 21.74 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

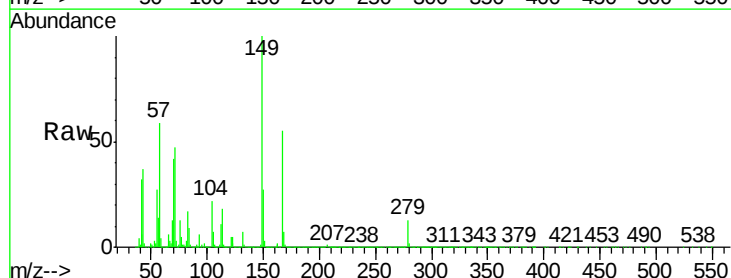
Tgt Ion:149 Resp: 4336945

Ion Ratio Lower Upper

149 100

167 55.3 21.9 32.9#

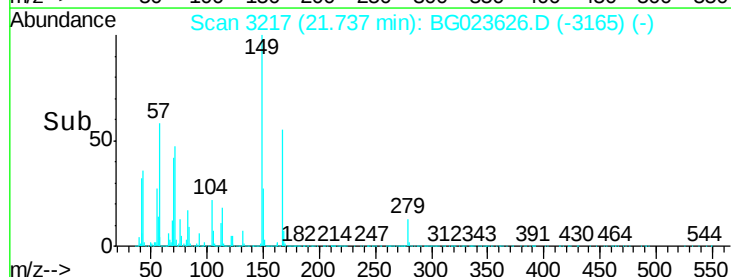
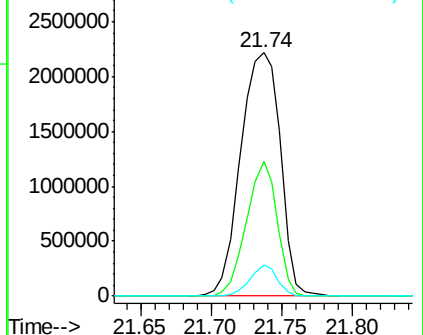
279 12.6 2.9 4.3#

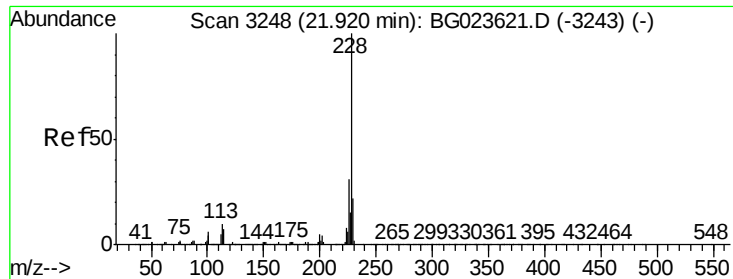


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 2.43 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. -0.00 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PR001-SS004-2430-01DL

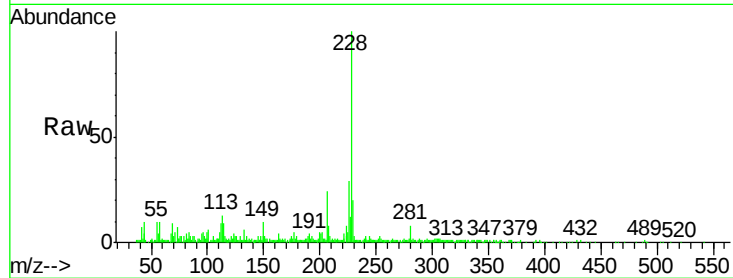
Tgt Ion:228 Resp: 124471

Ion Ratio Lower Upper

228 100

226 28.9 24.2 36.4

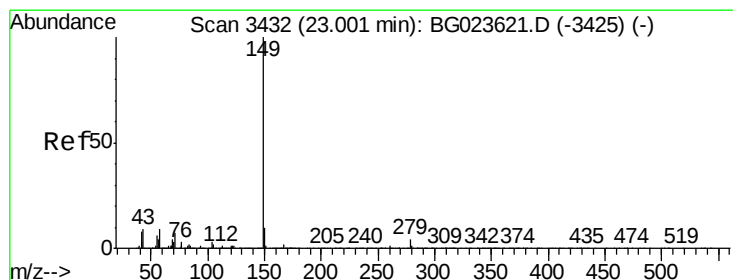
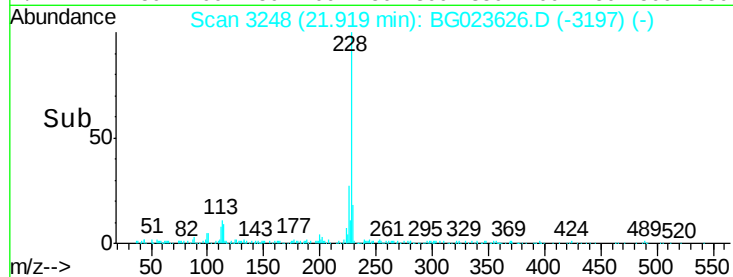
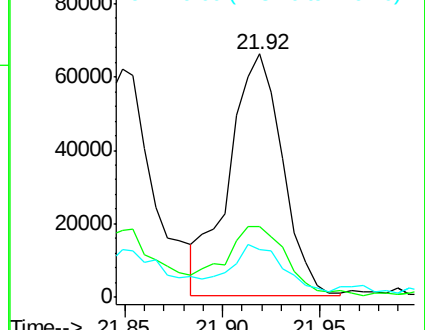
229 19.8 15.0 22.6



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



#84

Di-n-octyl phthalate

Concen: 7.57 ng/ul

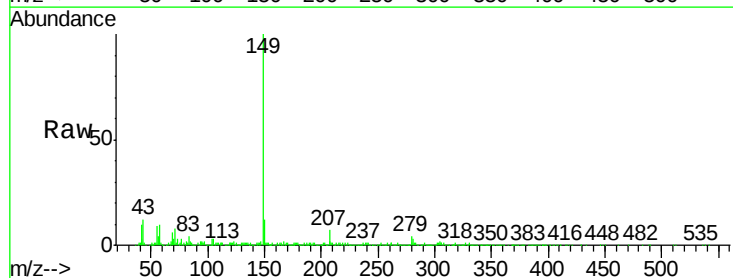
RT: 22.99 min Scan# 3431

Delta R.T. -0.01 min

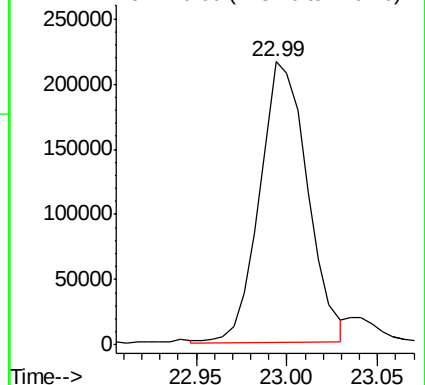
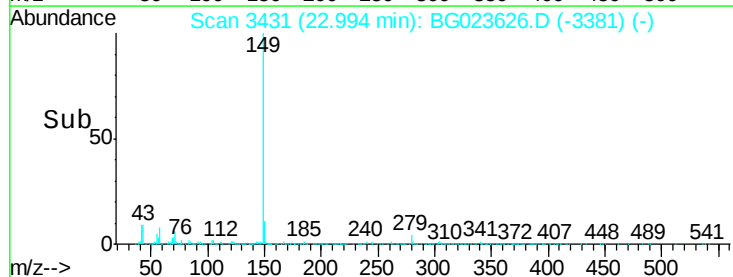
Lab File: BG023626.D

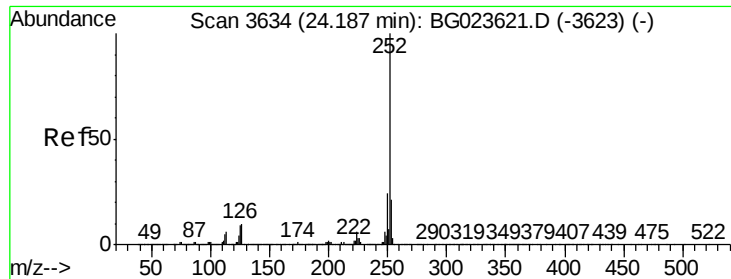
Acq: 11 Aug 2016 14:38

Tgt Ion:149 Resp: 395011



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 2.39 ng/u1

RT: 24.19 min Scan# 3634

Delta R.T. -0.00 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

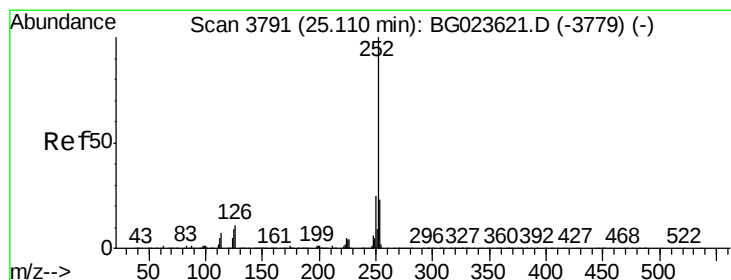
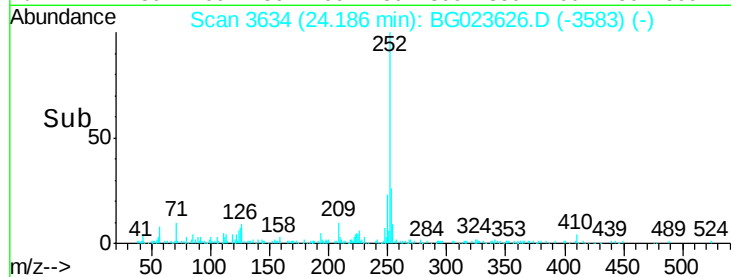
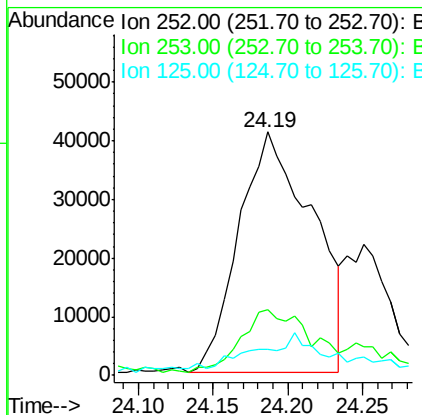
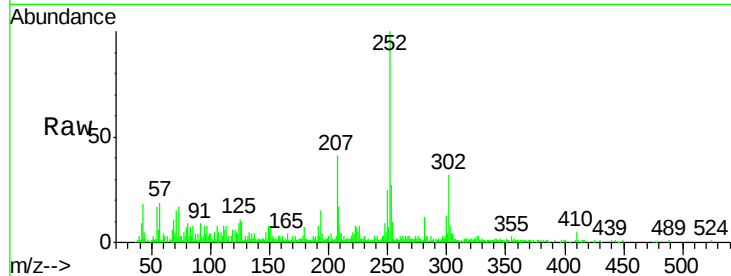
Instrument :

BNA_G

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Tgt Ion:	252	Resp:	140240
Ion Ratio		Lower	Upper
252	100		
253	27.2	18.2	27.2
125	10.8	10.8	16.2



#88

Benzo(a)pyrene

Concen: 1.07 ng/u1

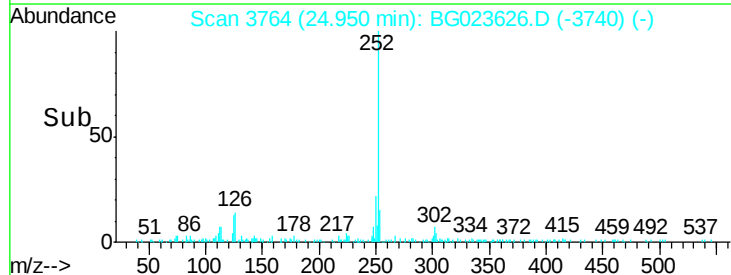
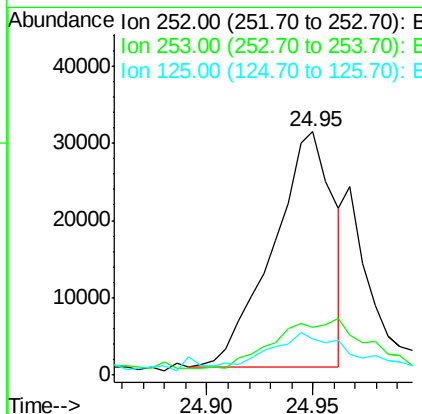
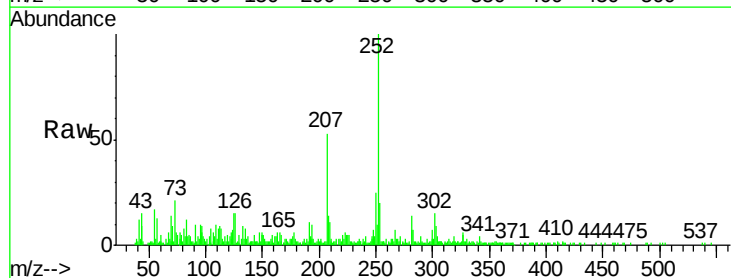
RT: 24.95 min Scan# 3764

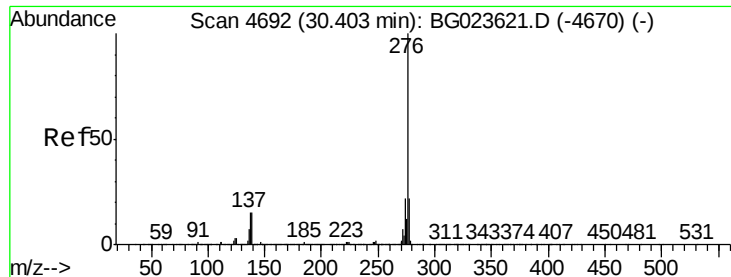
Delta R.T. -0.16 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

Tgt Ion:	252	Resp:	60584
Ion Ratio		Lower	Upper
252	100		
253	19.8	19.0	28.4
125	14.8	12.0	18.0





#91

Benzo(g,h,i)perylene

Concen: 1.46 ng/ul

RT: 30.38 min Scan# 4688

Delta R.T. -0.02 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

Instrument :

BNA_G

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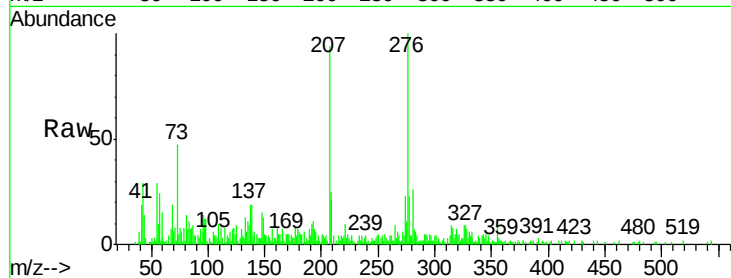
Tgt Ion: 276 Resp: 80807

Ion Ratio Lower Upper

276 100

138 18.5 22.1 33.1#

277 22.6 17.0 25.4



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

