

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

Manual Integrations
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Quant Time: Aug 12 04:11:35 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	9734m	0.61	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	3759m	0.47	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
77) Pyrene	19.97	202	252176m	4.07	ng/ul	
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	25.10	252	110294m	1.94	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.16	276	74201m	1.11	ng/ul	
91) Benzo(g,h,i)perylene	30.38	276	80807	1.46	ng/ul#	89

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

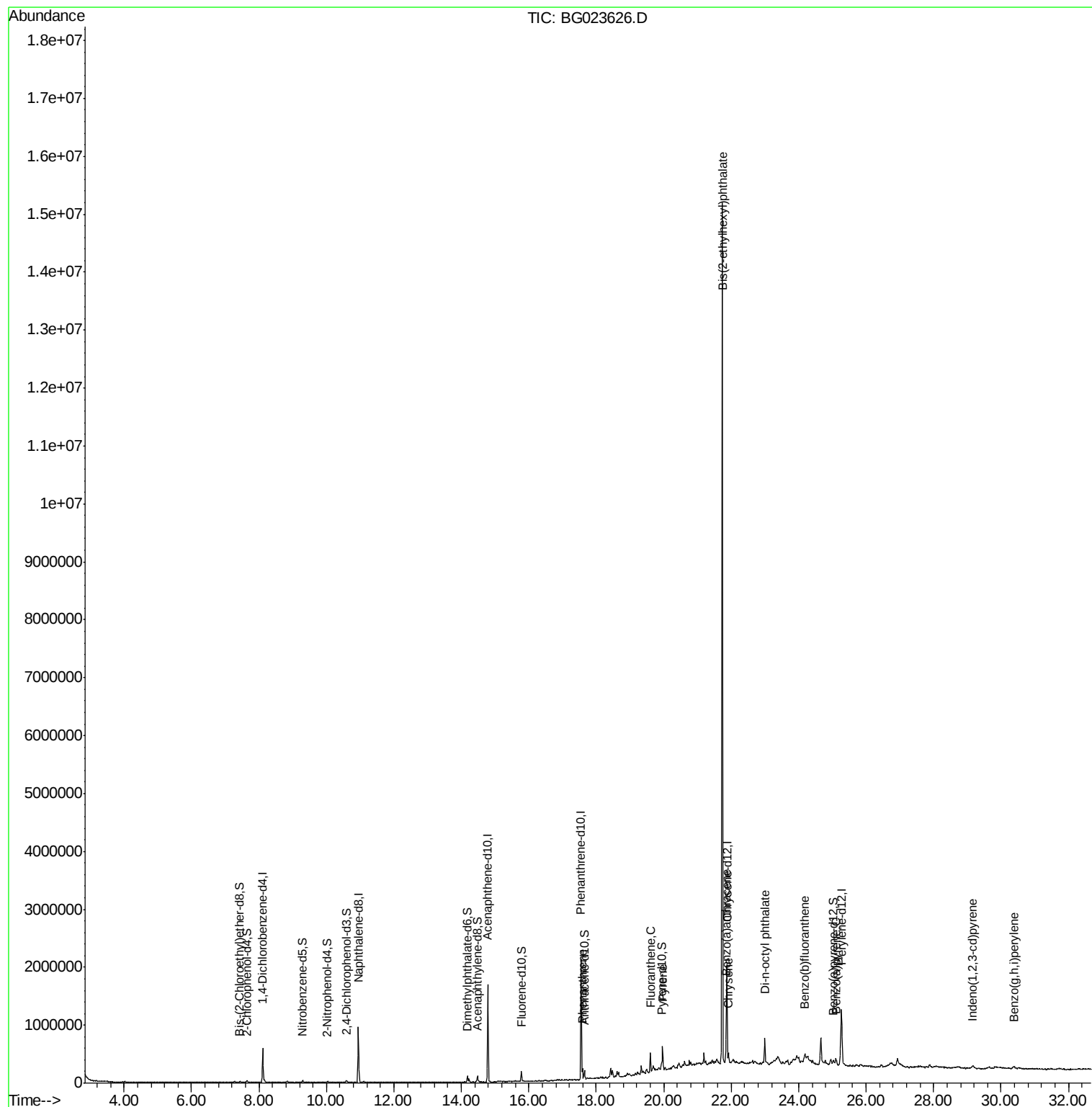
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023626.D
Acq On : 11 Aug 2016 14:38
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Sample : H4362-01DL 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

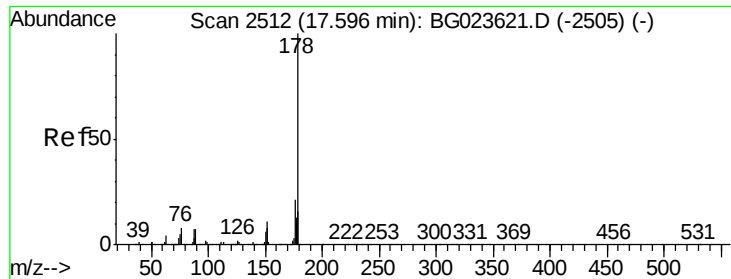
Instrument :
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Quant Time: Aug 12 04:11:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 03:45:04 2016
Response via : Initial Calibration





#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

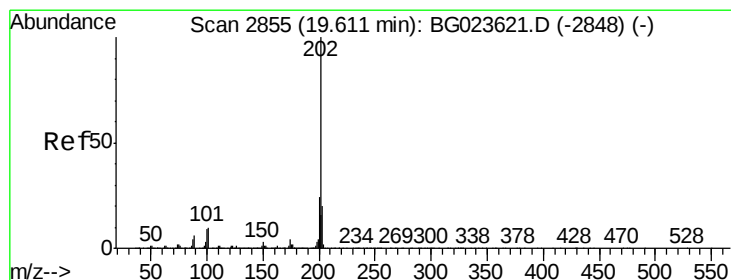
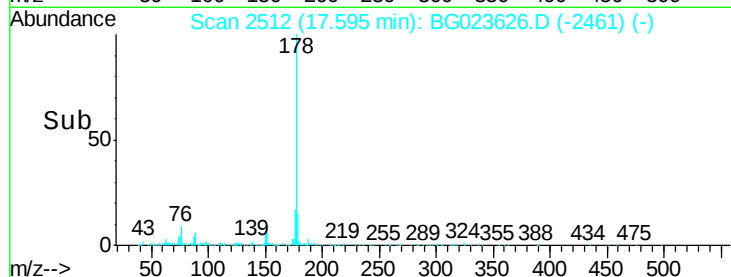
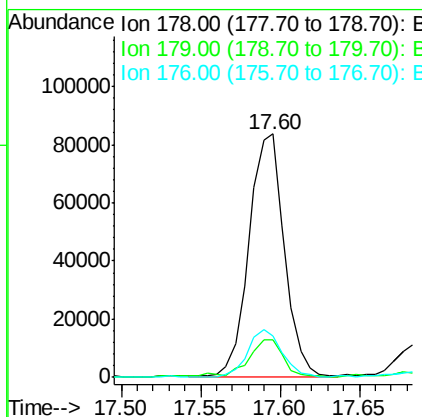
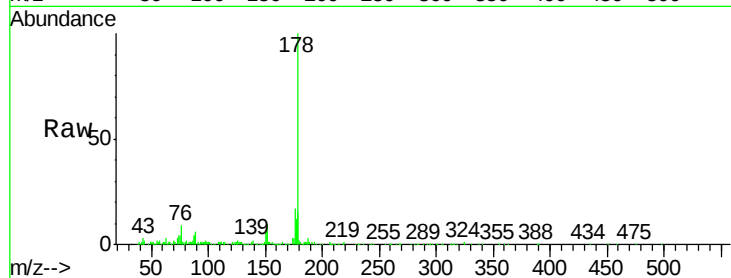
ClientSampleId :

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

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#74

Fluoranthene

Concen: 3.19 ng/ul

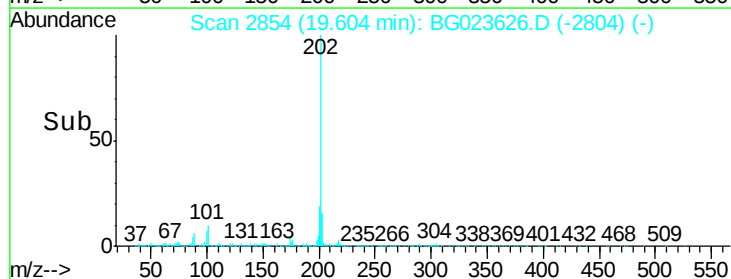
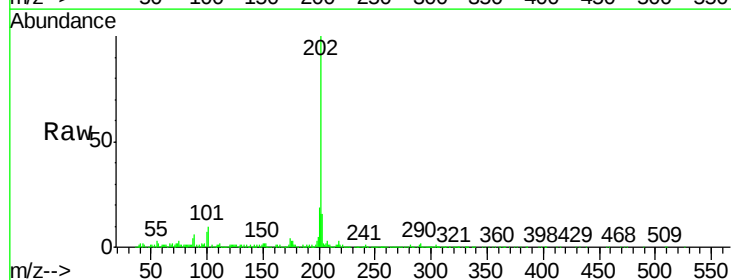
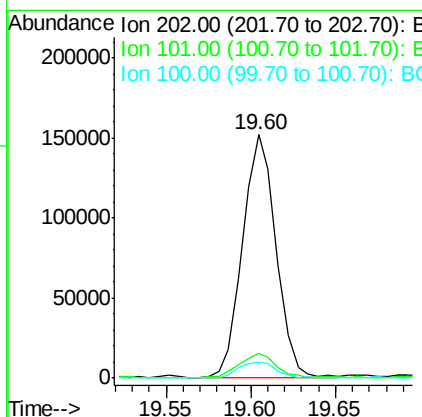
RT: 19.60 min Scan# 2854

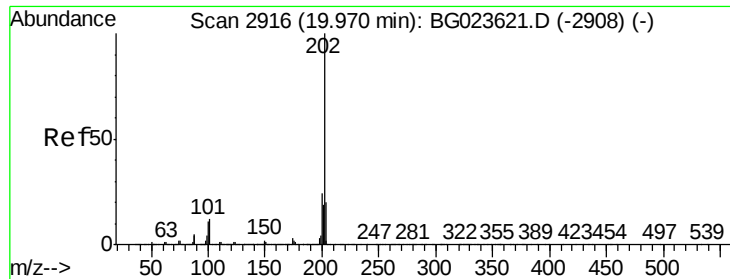
Delta R.T. -0.01 min

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#





#77

Pyrene

Concen: 4.07 ng/ul m

RT: 19.97 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

Instrument :

BNA_G

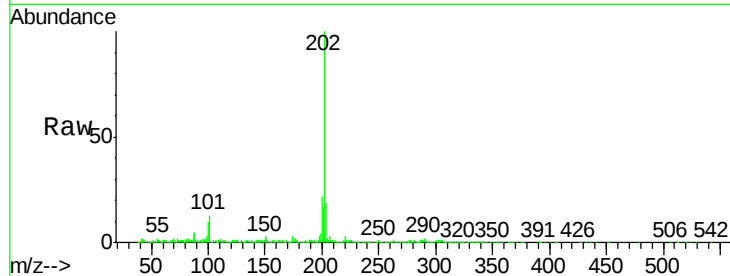
ClientSampleId :

PR001-SS004-2430-01DL

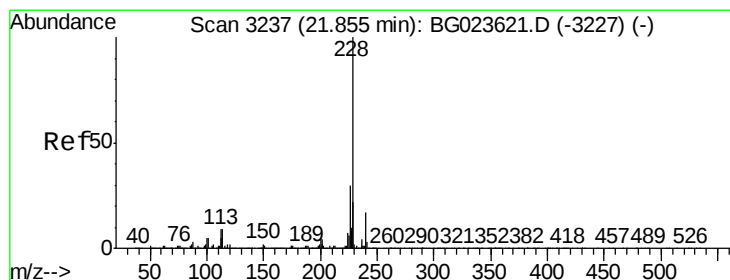
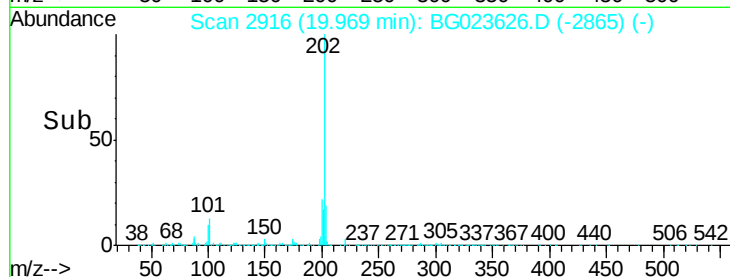
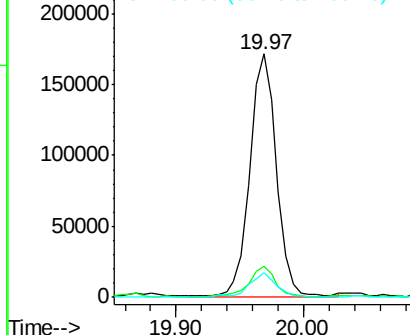
Tgt Ion:	202	Resp:	252176
Ion Ratio	Lower	Upper	
202	100		
101	12.7	12.5	18.7
100	9.9	10.2	15.4

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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): E



#80

Benzo(a)anthracene

Concen: 2.09 ng/ul

RT: 21.85 min Scan# 3236

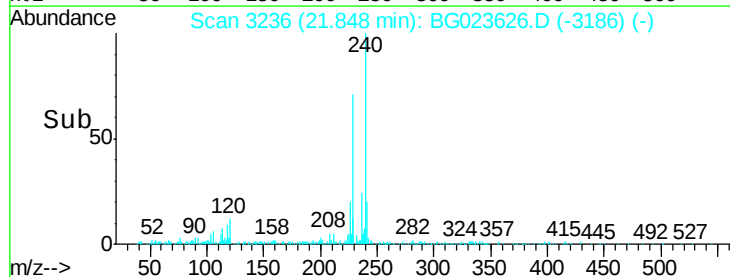
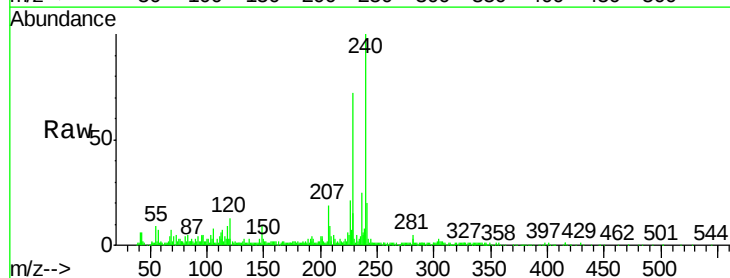
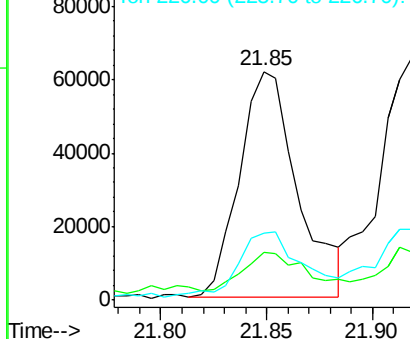
Delta R.T. -0.01 min

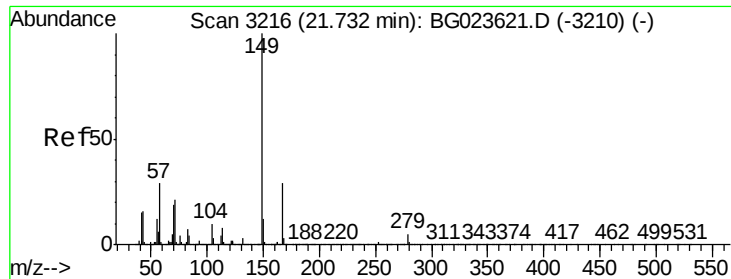
Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

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





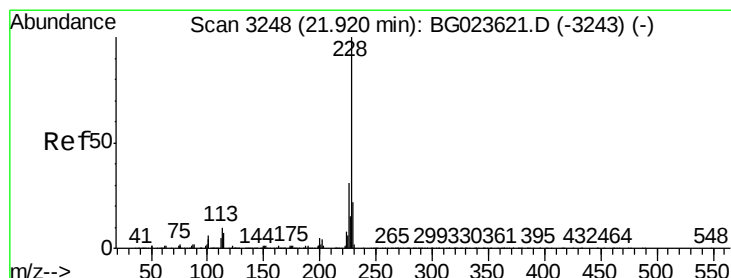
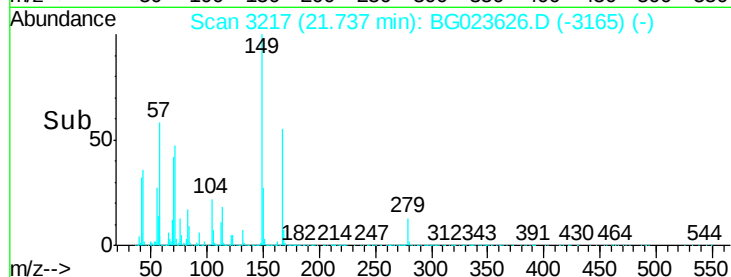
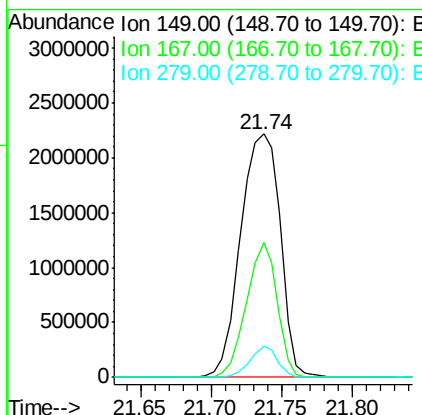
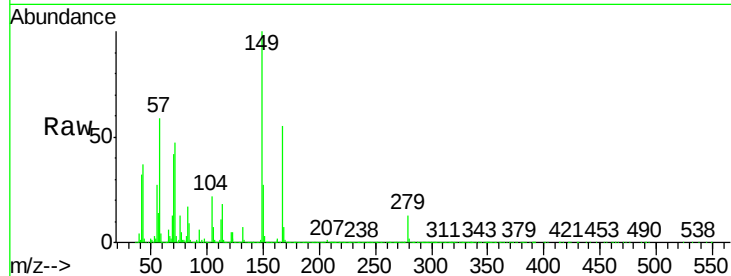
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 137.36 ng/ul
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.00 min
 Lab File: BG023626.D
 Acq: 11 Aug 2016 14:38

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 BNA_G
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 PR001-SS004-2430-01DL

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#

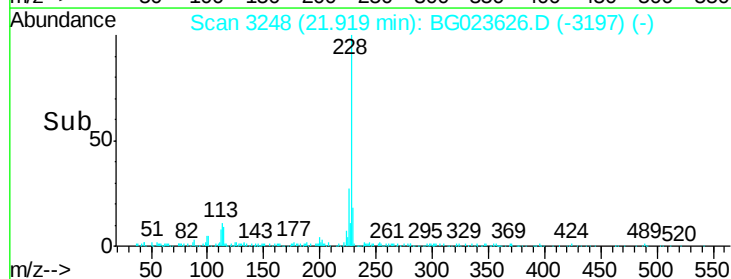
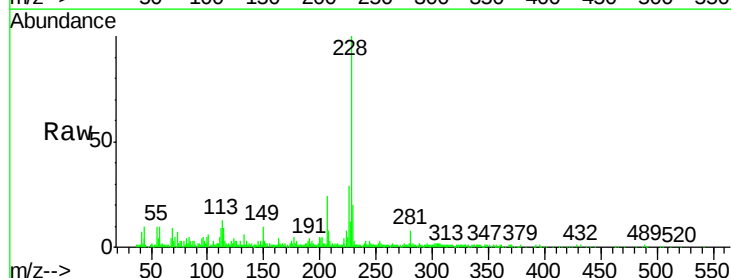
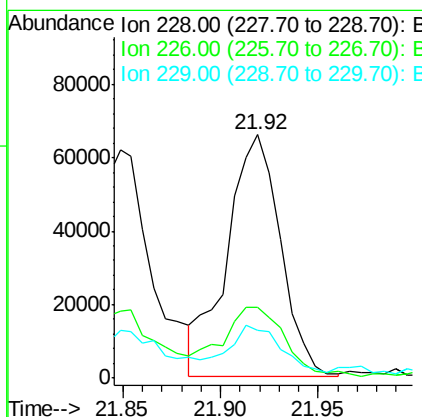
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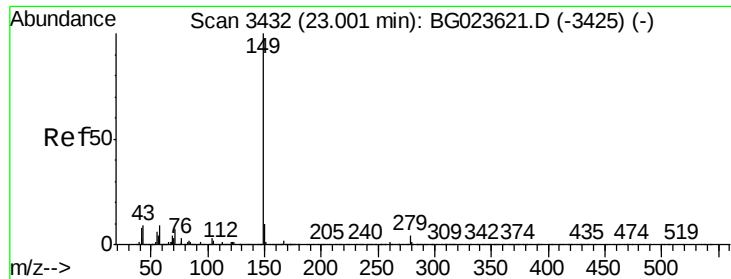
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#82
 Chrysene
 Concen: 2.43 ng/ul
 RT: 21.92 min Scan# 3248
 Delta R.T. -0.00 min
 Lab File: BG023626.D
 Acq: 11 Aug 2016 14:38

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





#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

Instrument :

BNA_G

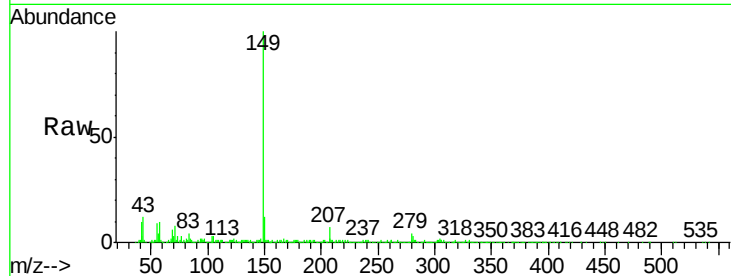
ClientSampleId :

PR001-SS004-2430-01DL

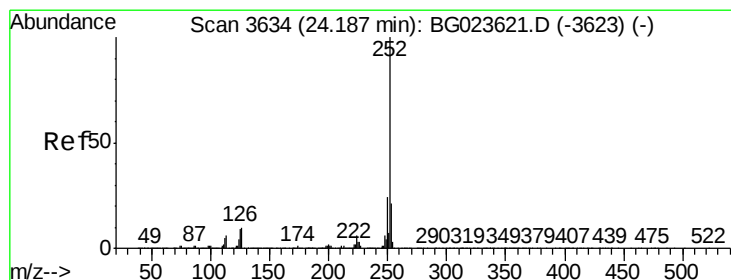
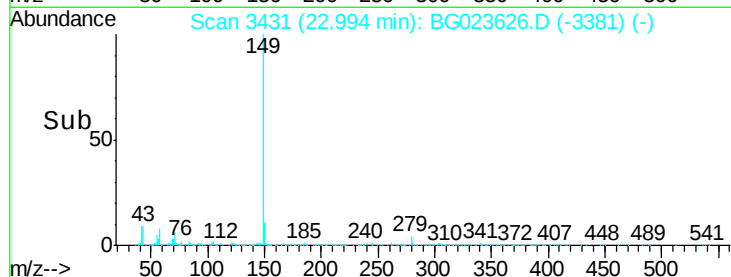
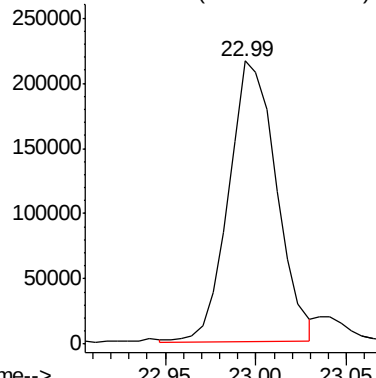
Tgt Ion:149 Resp: 395011

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Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 2.39 ng/ul

RT: 24.19 min Scan# 3634

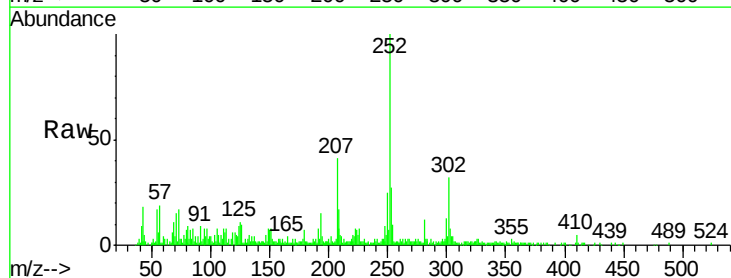
Delta R.T. -0.00 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

Tgt Ion:252 Resp: 140240

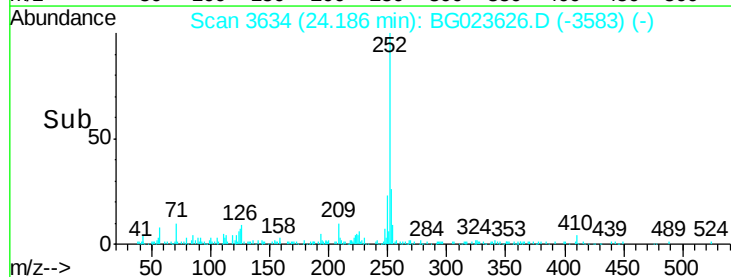
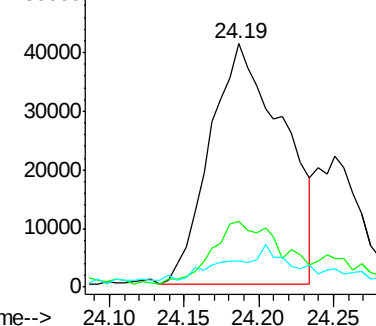
Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.2
125	10.8	10.8	16.2

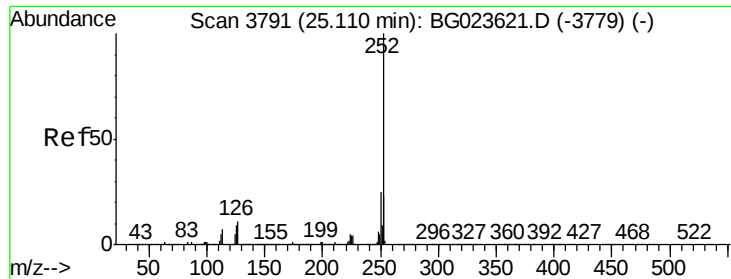


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.94 ng/ul m

RT: 25.10 min Scan# 3790

Delta R.T. -0.01 min

Lab File: BG023626.D

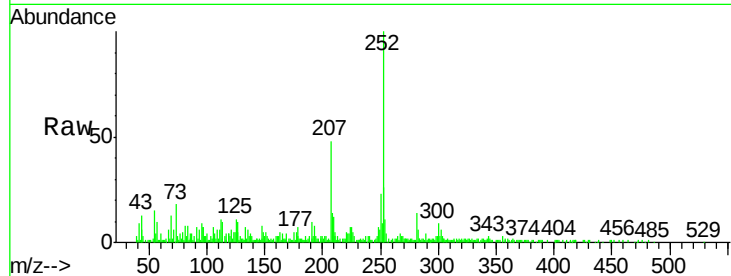
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Instrument :

BNA_G

ClientSampleId :

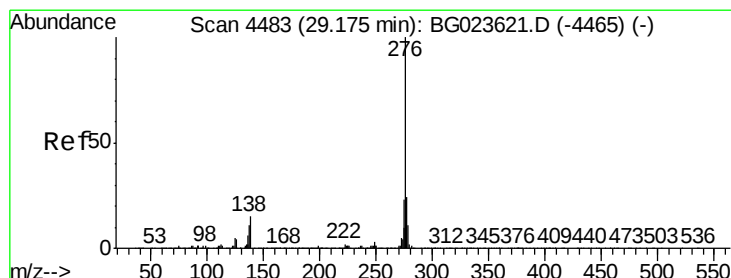
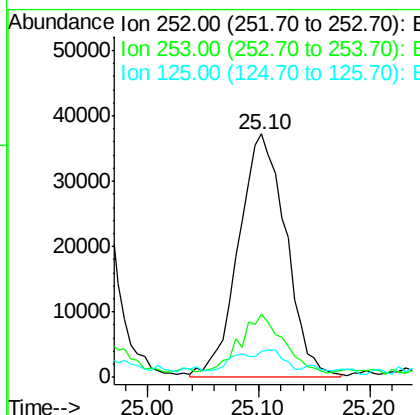
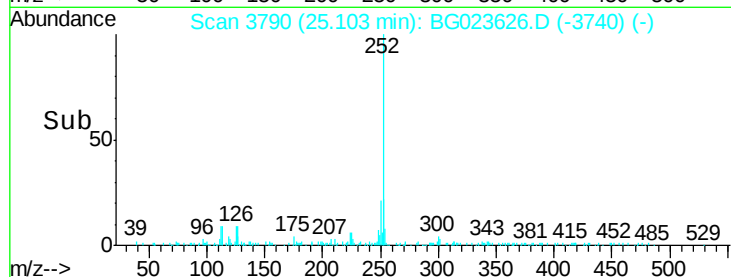
PR001-SS004-2430-01DL



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	110294		
253	25.7	19.0	28.4	
125	10.9	12.0	18.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.11 ng/ul m

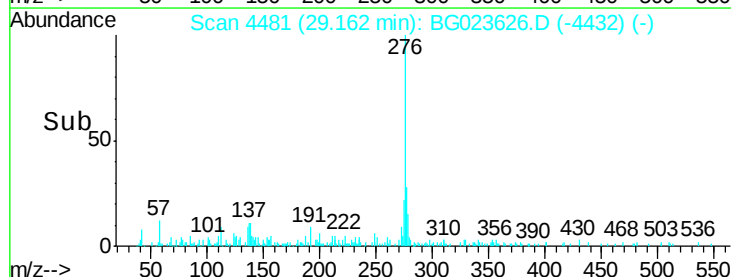
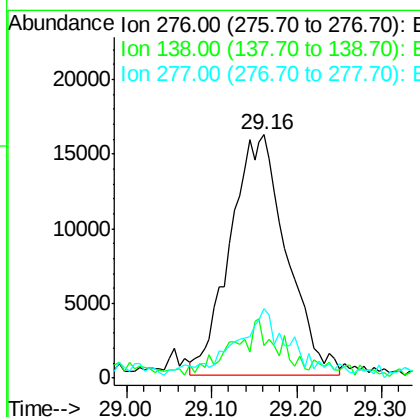
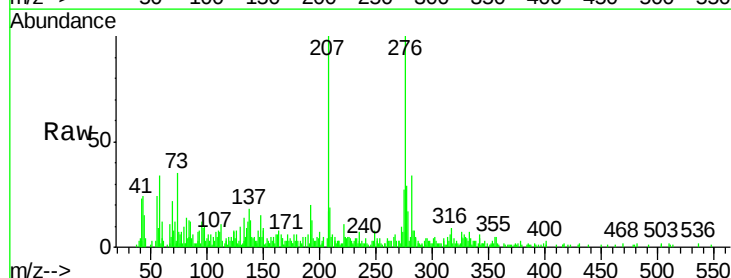
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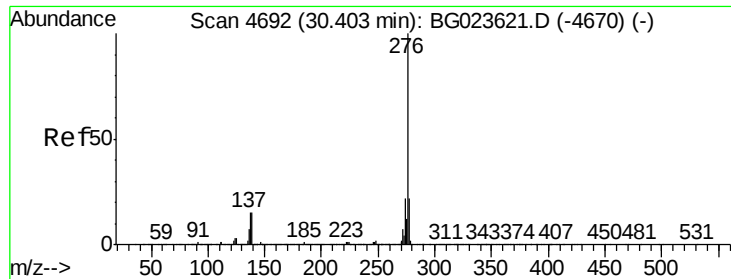
Delta R.T. -0.01 min

Lab File: BG023626.D

Acq: 11 Aug 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	74201		
138	13.4	20.8	31.2	
277	28.8	17.6	26.4	





#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
 ClientSampleId :
 PR001-SS004-2430-01DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.5	22.1	33.1#
277	22.6	17.0	25.4

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