

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023679.D
 Acq On : 13 Aug 2016 6:24
 Operator : UM/SJ
 Sample : H4360-22DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-1218-01DL

Manual Integrations
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 8/15/2016 6:50:26 PM

Quant Time: Aug 15 18:29:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 06:38:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	101811	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	482316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	329942	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	777765	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	772848	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	768344	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.27	99	12670	1.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	13297	2.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13046	1.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	8540	1.07	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	6843	1.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	8210	1.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	14206m	1.72	ng/ul	0.03
29) 4-Chloroaniline-d4	11.10	131	11756	1.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	61213	2.27	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	69685	2.29	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.79	176	57345	2.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	3165	0.63	ng/ul	0.00
70) Anthracene-d10	17.65	188	80996	2.31	ng/ul	0.00
76) Pyrene-d10	19.94	212	91853	2.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	78218	2.25	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	30506	1.14	ng/ul#	91
69) Phenanthrene	17.59	178	311180	7.73	ng/ul	98
71) Anthracene	17.69	178	59494	1.45	ng/ul	93
74) Fluoranthene	19.60	202	381658	9.26	ng/ul#	91
77) Pyrene	19.97	202	422332m	8.84	ng/ul	
80) Benzo(a)anthracene	21.85	228	191218	4.39	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.74	149	5119422	210.10	ng/ul#	41
82) Chrysene	21.92	228	202239	5.11	ng/ul	99
84) Di-n-octyl phthalate	23.00	149	335600	8.65	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	222236	5.09	ng/ul	99
86) Benzo(k)fluoranthene	24.26	252	58205m	1.35	ng/ul	
88) Benzo(a)pyrene	25.11	252	163431m	3.87	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	104667	2.11	ng/ul#	85
91) Benzo(g,h,i)perylene	30.40	276	93944m	2.29	ng/ul	

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

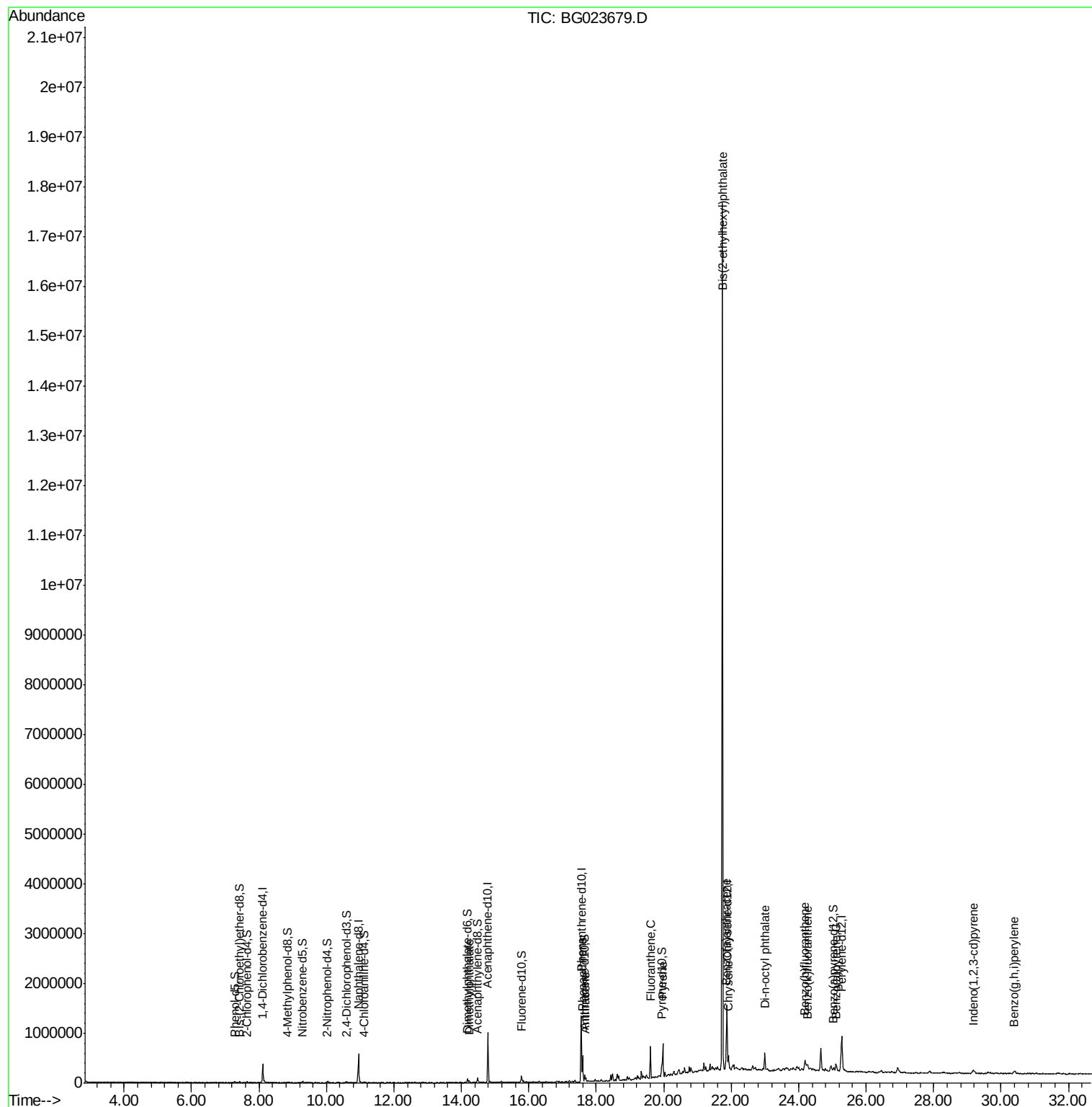
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023679.D
Acq On : 13 Aug 2016 6:24
Operator : UM/SJ
Sample : H4360-22DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

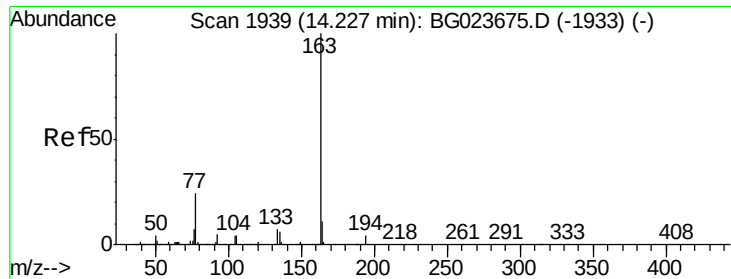
Instrument :
BNA_G
ClientSampleId :
PR001-SS004-1218-01DL

Manual Integrations
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Quant Time: Aug 15 18:29:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.14 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Instrument :

BNA_G

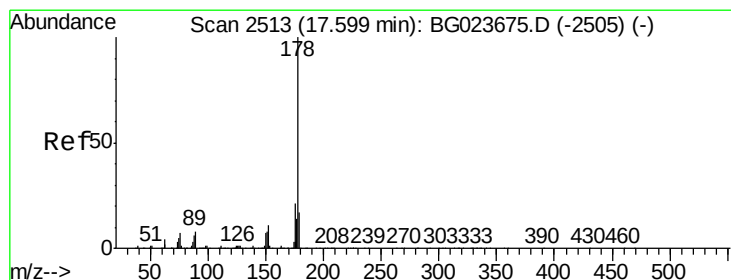
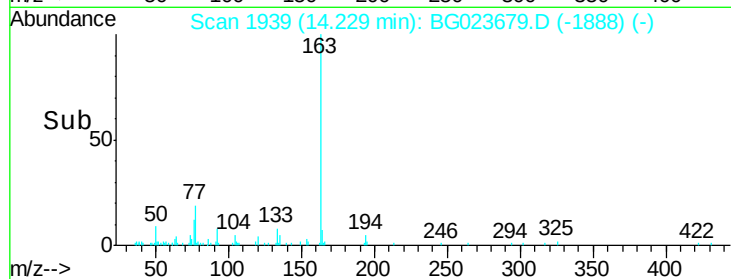
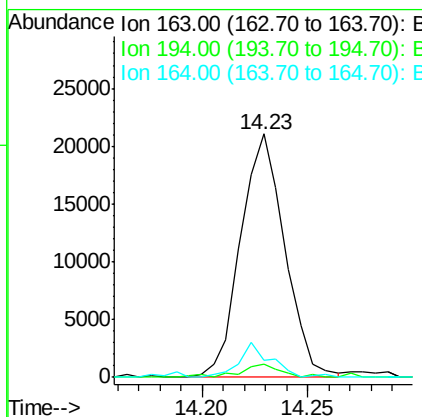
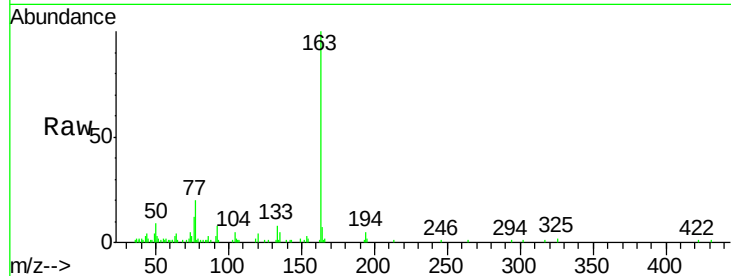
ClientSampleId :

PR001-SS004-1218-01DL

Tgt Ion:	163	Resp:	30506
Ion Ratio		Lower	Upper
163	100		
194	5.4	3.4	5.2#
164	7.0	8.8	13.2#

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#69

Phenanthrene

Concen: 7.73 ng/ul

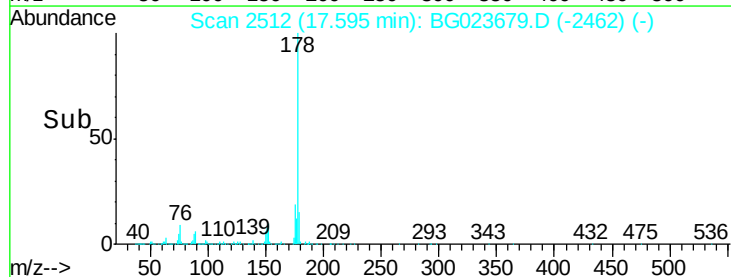
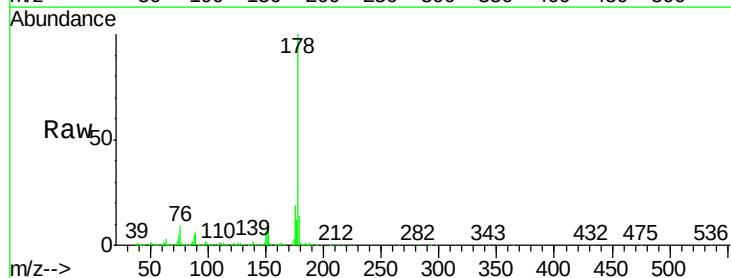
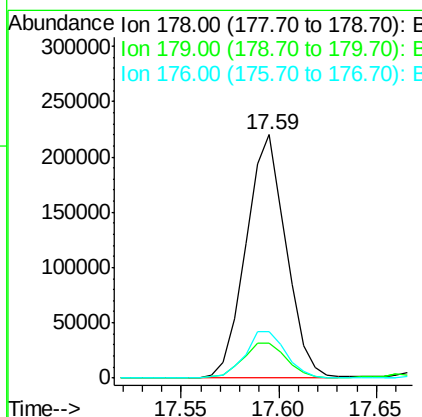
RT: 17.59 min Scan# 2512

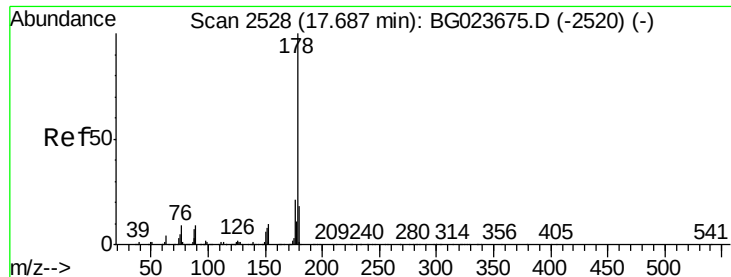
Delta R.T. -0.00 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Tgt Ion:	178	Resp:	311180
Ion Ratio		Lower	Upper
178	100		
179	14.5	12.9	19.3
176	19.2	15.8	23.8





#71

Anthracene

Concen: 1.45 ng/ul

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Instrument :

BNA_G

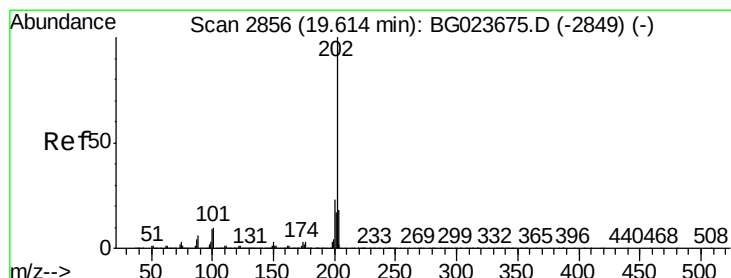
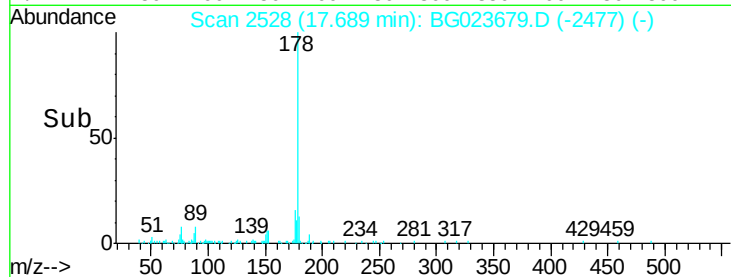
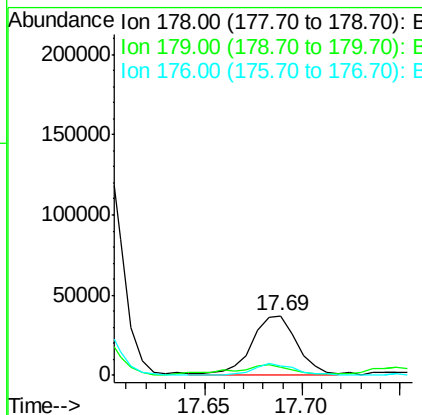
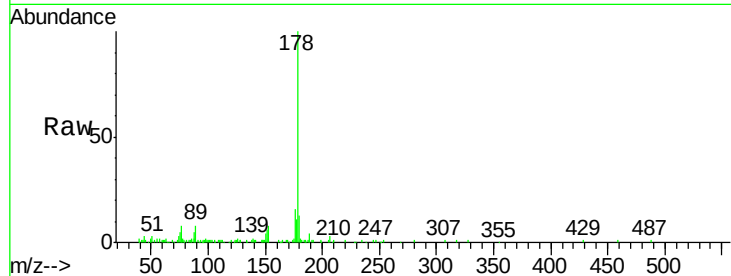
ClientSampleId :

PR001-SS004-1218-01DL

Tgt Ion:	178	Resp:	59494
Ion Ratio	Lower	Upper	
178	100		
179	13.1	12.3	18.5
176	16.4	16.3	24.5

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#74

Fluoranthene

Concen: 9.26 ng/ul

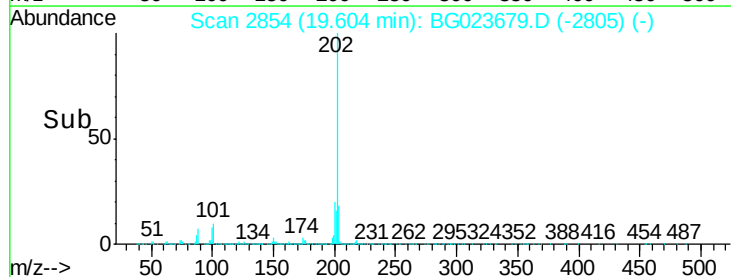
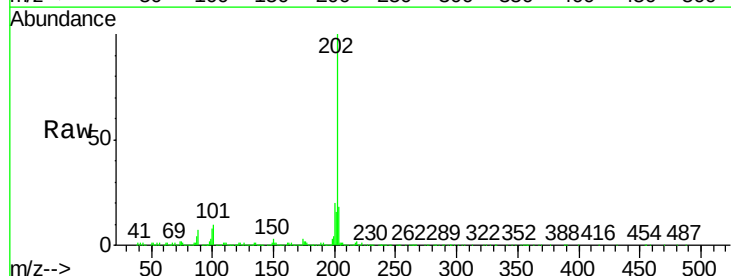
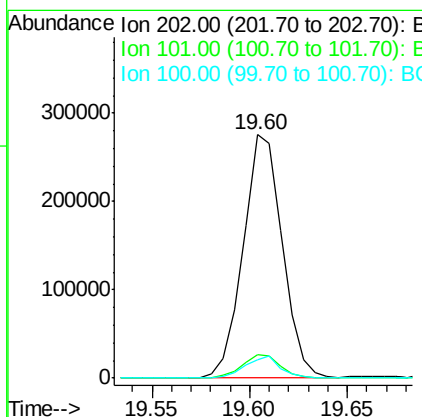
RT: 19.60 min Scan# 2854

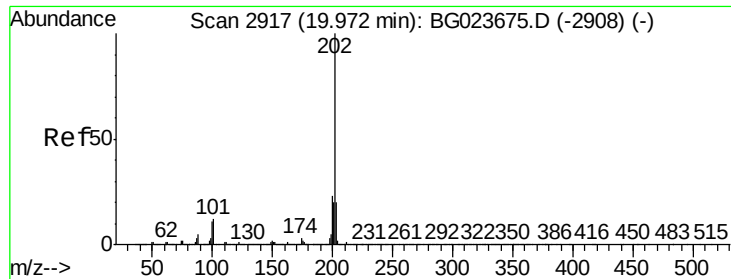
Delta R.T. -0.01 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Tgt Ion:	202	Resp:	381658
Ion Ratio	Lower	Upper	
202	100		
101	9.6	10.6	16.0#
100	7.7	8.7	13.1#





#77

Pyrene

Concen: 8.84 ng/ul m

RT: 19.97 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Instrument :

BNA_G

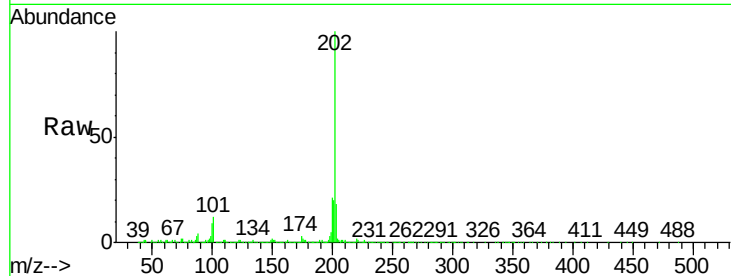
ClientSampleId :

PR001-SS004-1218-01DL

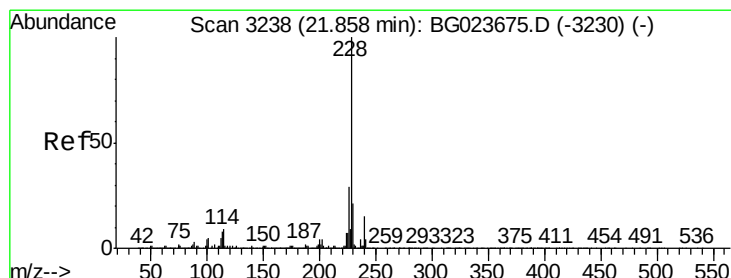
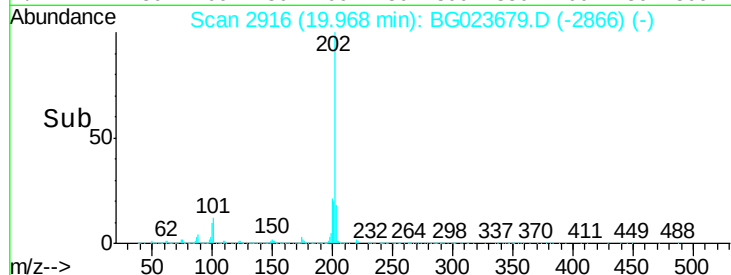
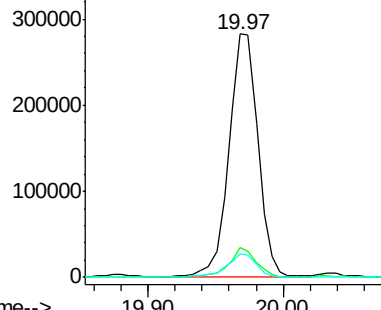
Tgt Ion:	202	Resp:	422332
Ion Ratio	Lower	Upper	
202	100		
101	12.0	12.5	18.7#
100	9.5	10.2	15.4#

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Abundance Ion 202.00 (201.70 to 202.70): E



#80

Benzo(a)anthracene

Concen: 4.39 ng/ul

RT: 21.85 min Scan# 3237

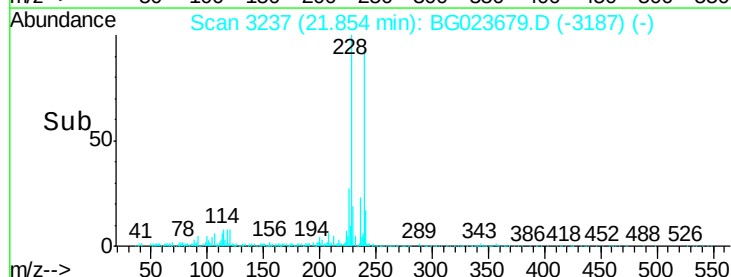
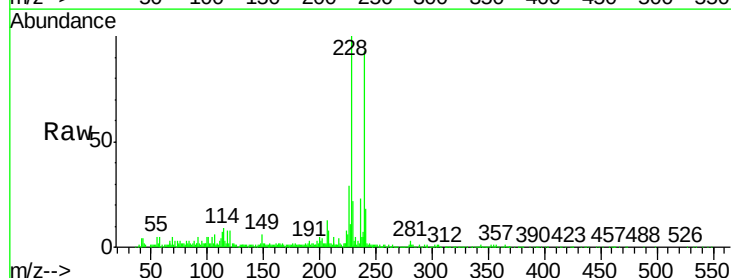
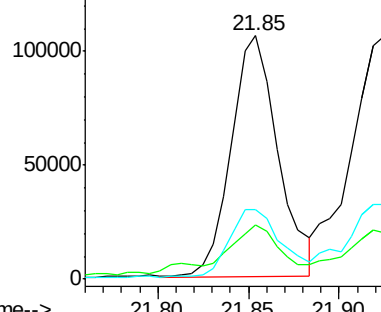
Delta R.T. -0.00 min

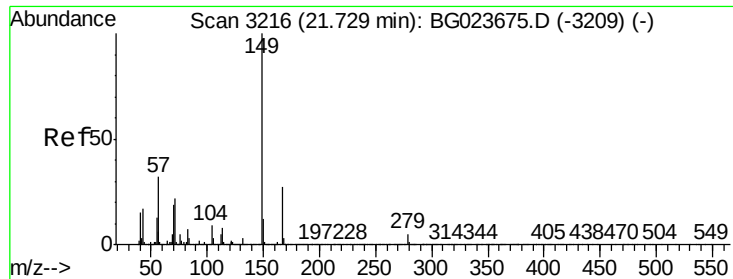
Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Tgt Ion:	228	Resp:	191218
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.4	23.2
226	28.6	22.8	34.2

Abundance Ion 228.00 (227.70 to 228.70): E





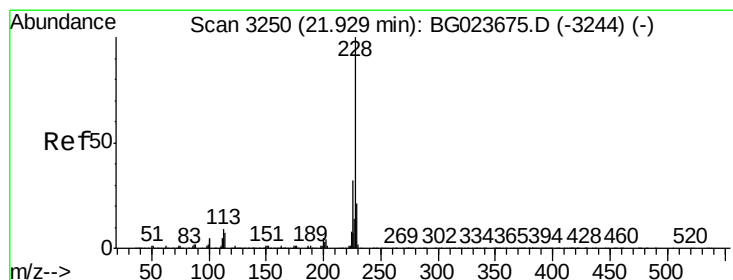
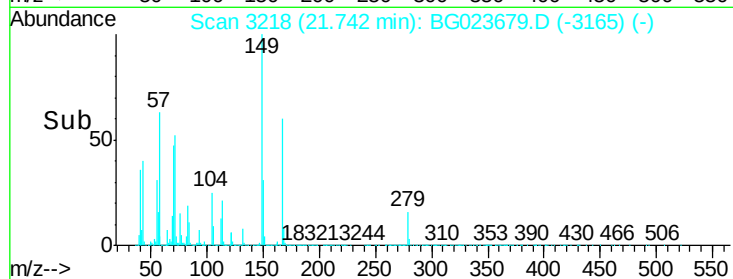
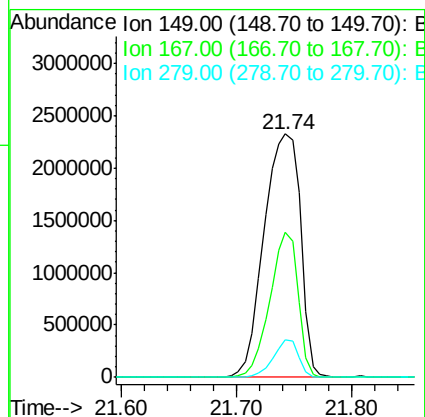
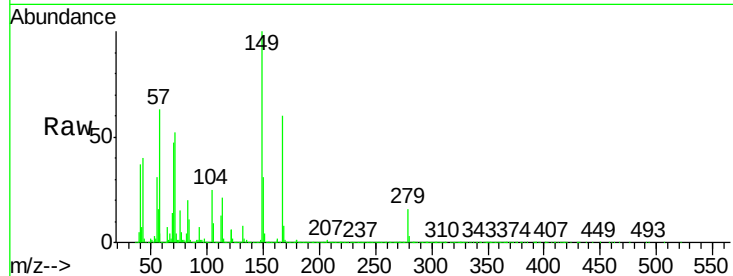
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 210.10 ng/ul
 RT: 21.74 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG023679.D
 Acq: 13 Aug 2016 6:24

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS004-1218-01DL

Tgt Ion:149 Resp: 5119422
 Ion Ratio Lower Upper
 149 100
 167 59.6 21.9 32.9#
 279 15.6 2.9 4.3#

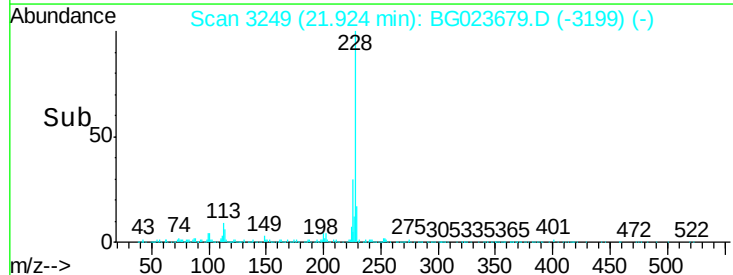
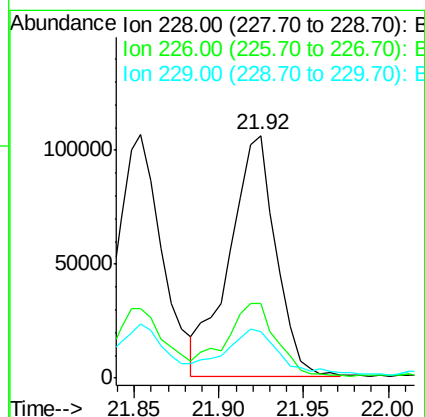
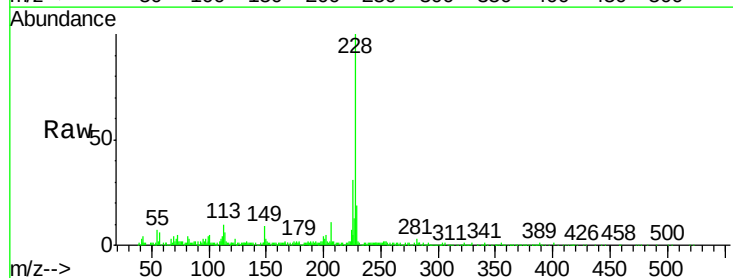
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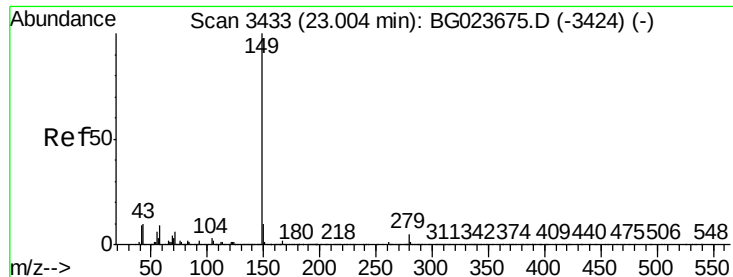
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#82
 Chrysene
 Concen: 5.11 ng/ul
 RT: 21.92 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG023679.D
 Acq: 13 Aug 2016 6:24

Tgt Ion:228 Resp: 202239
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.2 36.4
 229 19.2 15.0 22.6





#84

Di-n-octyl phthalate

Concen: 8.65 ng/ul

RT: 23.00 min Scan# 3432

Delta R.T. -0.00 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Instrument :

BNA_G

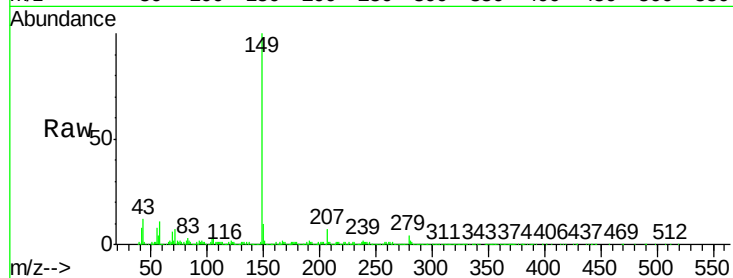
ClientSampleId :

PR001-SS004-1218-01DL

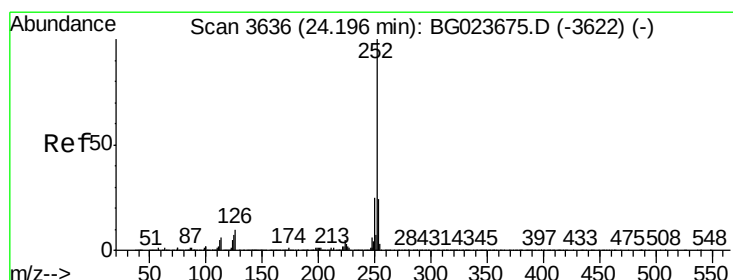
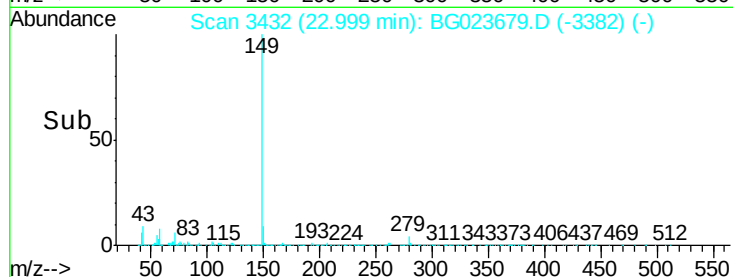
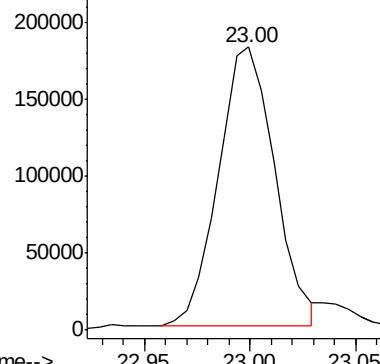
Tgt Ion:149 Resp: 335600

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Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 5.09 ng/ul

RT: 24.19 min Scan# 3635

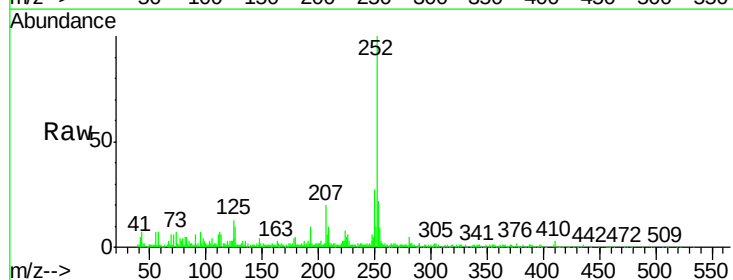
Delta R.T. -0.00 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Tgt Ion:252 Resp: 222236

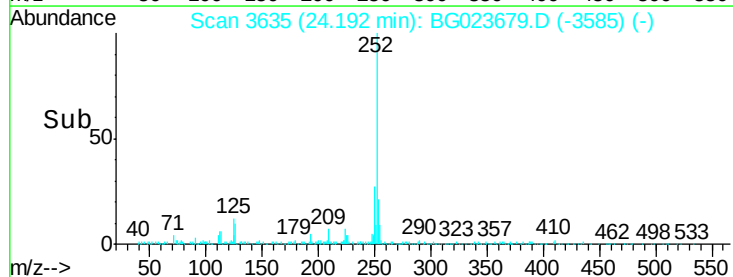
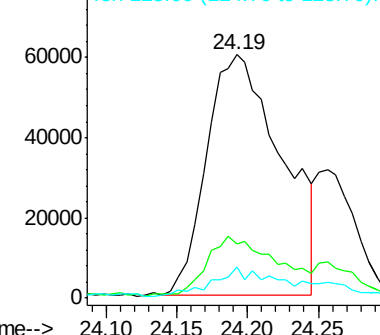
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	13.0	10.8	16.2

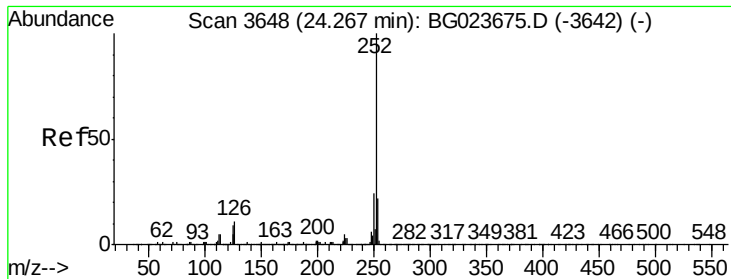


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.35 ng/ul m

RT: 24.26 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Instrument :

BNA_G

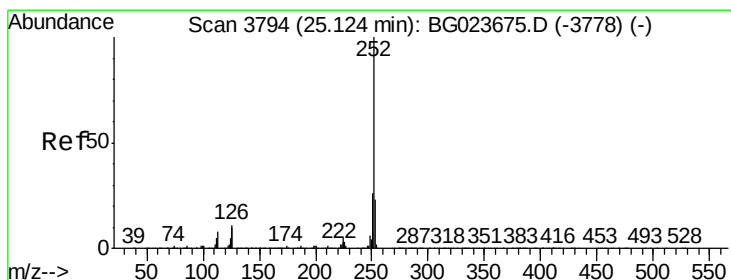
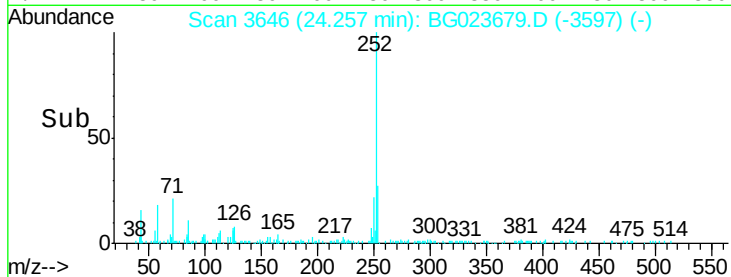
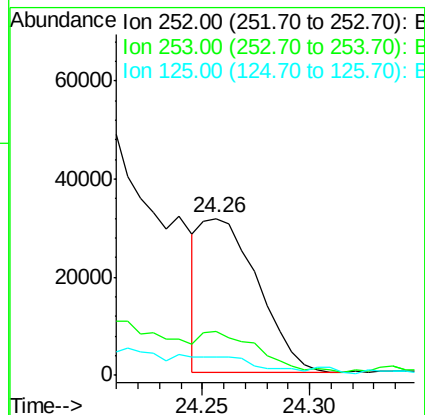
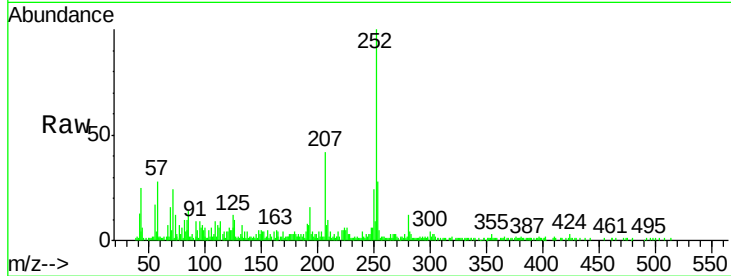
ClientSampleId :

PR001-SS004-1218-01DL

Tgt Ion:	252	Resp:	58205
Ion Ratio	Lower	Upper	
252	100		
253	28.4	15.8	23.6#
125	12.1	10.6	16.0

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#88

Benzo(a)pyrene

Concen: 3.87 ng/ul m

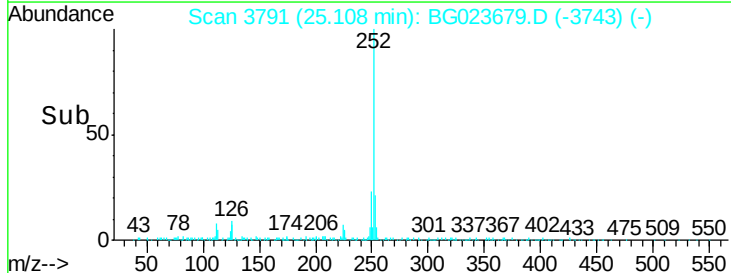
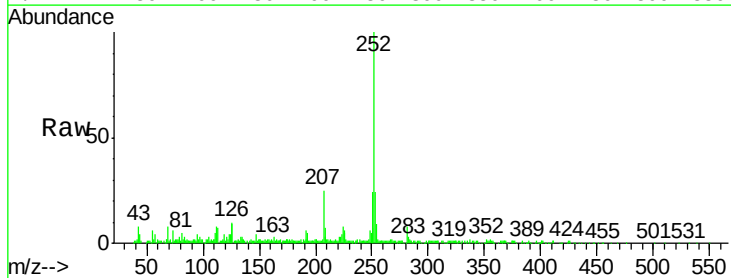
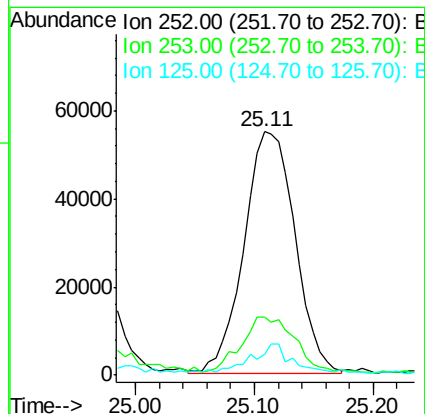
RT: 25.11 min Scan# 3791

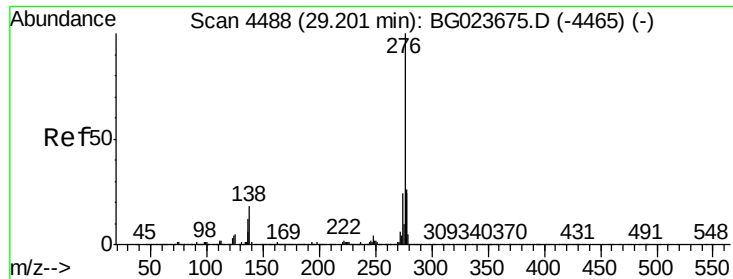
Delta R.T. -0.02 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Tgt Ion:	252	Resp:	163431
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.0	28.4
125	8.8	12.0	18.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.11 ng/ul

RT: 29.18 min Scan# 4484

Delta R.T. -0.02 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Instrument :

BNA_G

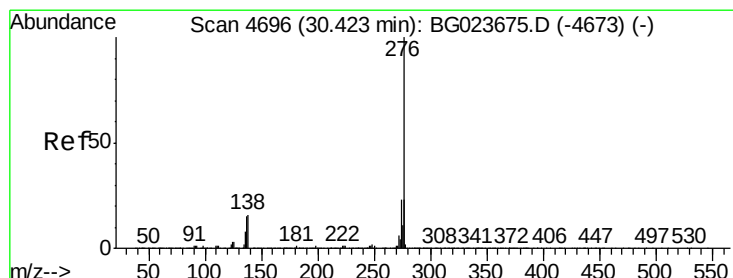
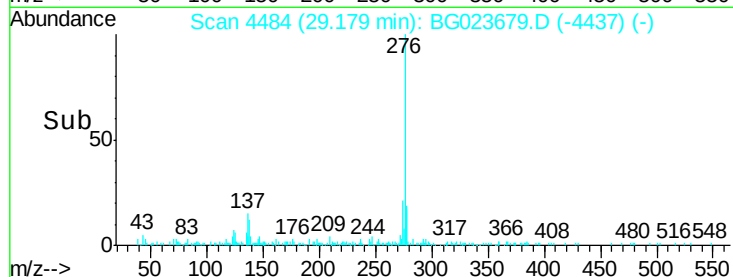
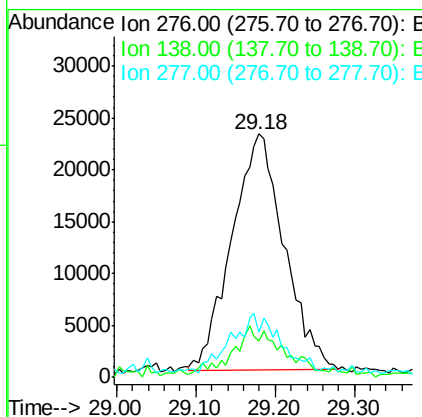
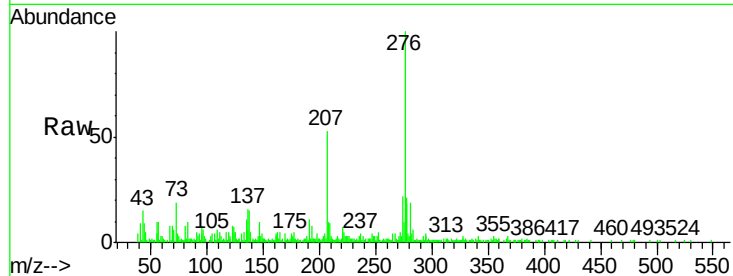
ClientSampleId :

PR001-SS004-1218-01DL

Tgt Ion:	276	Resp:	104667
Ion Ratio		Lower	Upper
276	100		
138	14.9	20.8	31.2#
277	18.3	17.6	26.4

Manual Integrations
APPROVED

sohil
8/15/2016 6:50:26 PM



#91

Benzo(g,h,i)perylene

Concen: 2.29 ng/ul m

RT: 30.40 min Scan# 4691

Delta R.T. -0.03 min

Lab File: BG023679.D

Acq: 13 Aug 2016 6:24

Tgt Ion:	276	Resp:	93944
Ion Ratio		Lower	Upper
276	100		
138	15.5	22.1	33.1#
277	21.6	17.0	25.4

