

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023710.D
 Acq On : 14 Aug 2016 5:11
 Operator : UM/SJ
 Sample : H4388-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-2430-01

Manual Integrations
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Quant Time: Aug 16 11:37:05 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	122776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	540386	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	328687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	695213	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	716065	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	713942	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	8724	3.02	ng/uL	0.00
5) Phenol-d5	7.27	99	233235	18.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	162415	20.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	166522	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	154584	16.01	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	92966m	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	109914	22.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	180627	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	180777	16.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	604916	22.48	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	715292	23.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	77915	16.96	ng/ul	0.01
57) Fluorene-d10	15.78	176	524716	21.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	77014	17.27	ng/ul	0.00
70) Anthracene-d10	17.65	188	715364	22.84	ng/ul	0.00
76) Pyrene-d10	19.94	212	784529	21.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	762314	23.59	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.29	94	18697	1.45	ng/ul#	55
44) Dimethylphthalate	14.23	163	401521	15.07	ng/ul	99
47) Acenaphthylene	14.51	152	36359	1.15	ng/ul#	93
69) Phenanthrene	17.59	178	206499	5.74	ng/ul	99
74) Fluoranthene	19.61	202	260271	7.06	ng/ul#	90
77) Pyrene	19.97	202	469725	10.61	ng/ul#	90
80) Benzo(a)anthracene	21.85	228	187019m	4.64	ng/ul	
82) Chrysene	21.92	228	227220	6.20	ng/ul#	94
85) Benzo(b)fluoranthene	24.20	252	147595m	3.63	ng/ul	
86) Benzo(k)fluoranthene	24.24	252	65902m	1.65	ng/ul	
88) Benzo(a)pyrene	25.12	252	158728m	4.05	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	81384m	1.77	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	86368m	2.26	ng/ul	

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

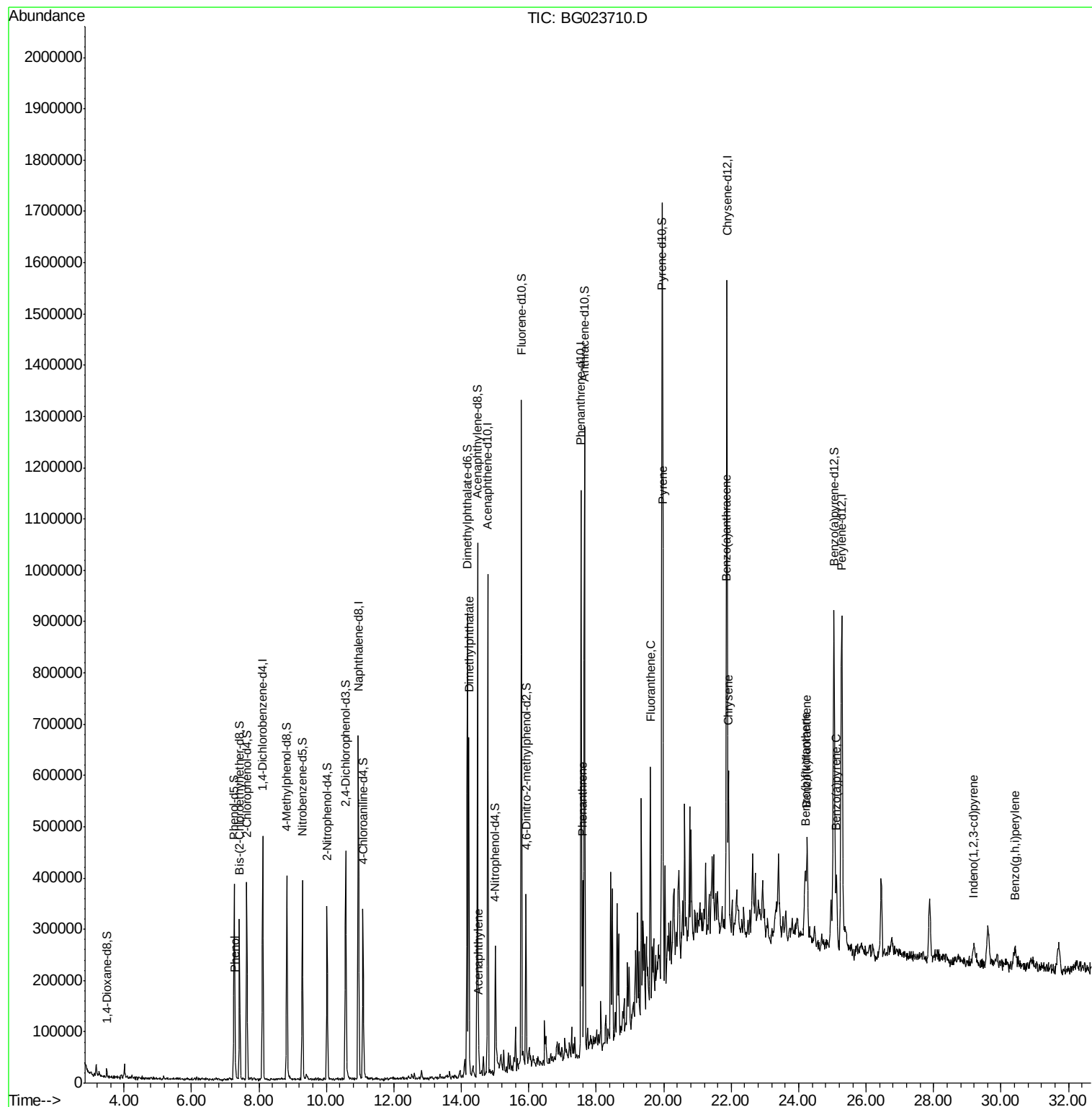
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023710.D
Acq On : 14 Aug 2016 5:11
Operator : UM/SJ
Sample : H4388-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

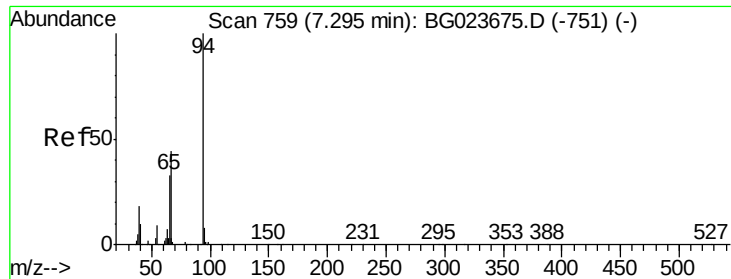
Instrument :
BNA_G
ClientSampleId :
PR002-SS001-2430-01

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Quant Time: Aug 16 11:37:05 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





#6

Phenol

Concen: 1.45 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG023710.D

Acq: 14 Aug 2016 5:11

Instrument :

BNA_G

ClientSampleId :

PR002-SS001-2430-01

Tot Ion: 94 Resp: 18697

Ion Ratio Lower Upper

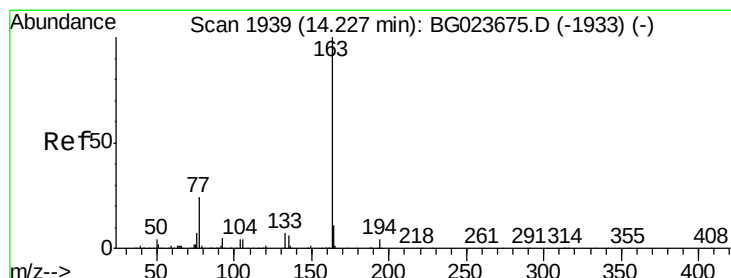
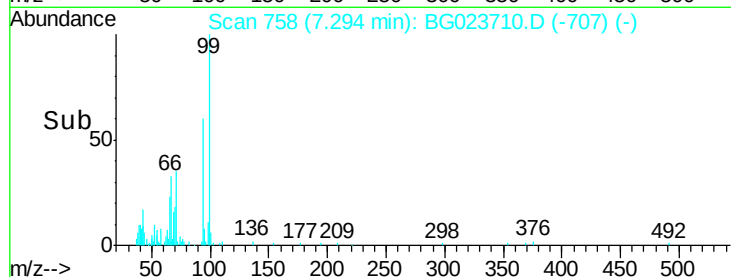
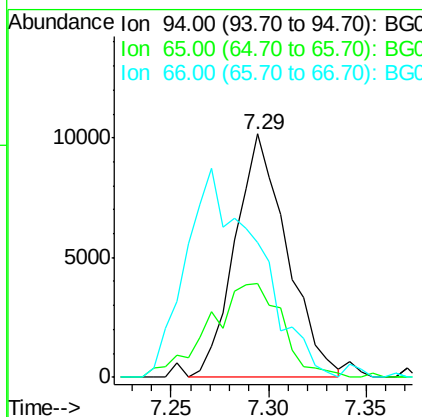
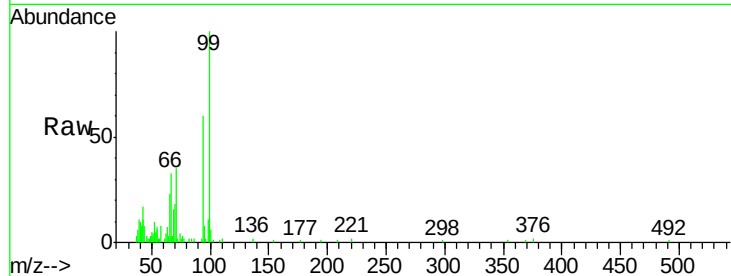
94 100

65 38.3 16.8 25.2#

66 55.4 22.6 33.8#

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#44

Dimethylphthalate

Concen: 15.07 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG023710.D

Acq: 14 Aug 2016 5:11

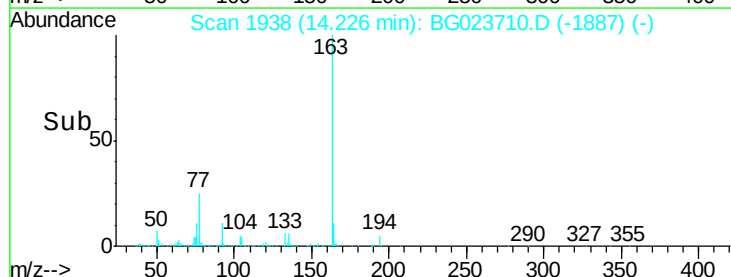
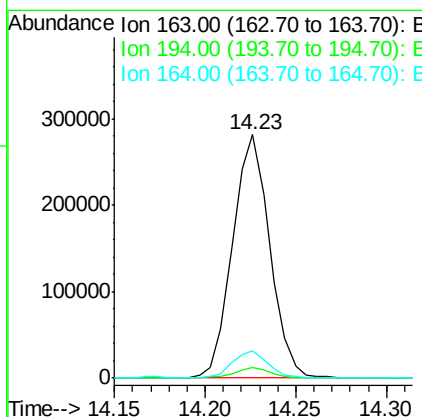
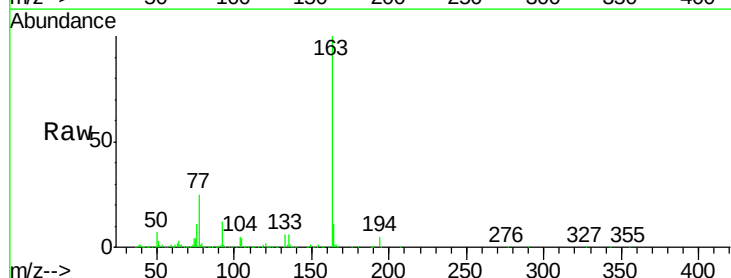
Tgt Ion: 163 Resp: 401521

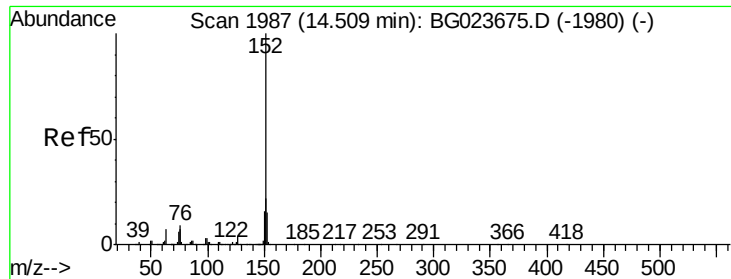
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 11.5 8.8 13.2





#47

Acenaphthylene

Concen: 1.15 ng/ul

RT: 14.51 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG023710.D

Acq: 14 Aug 2016 5:11

Instrument :

BNA_G

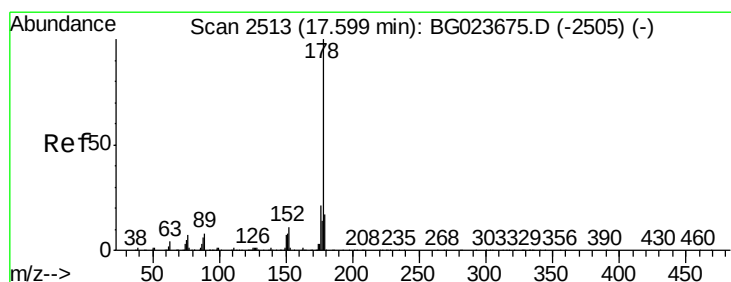
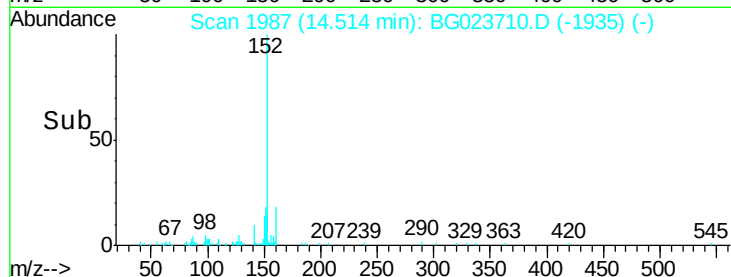
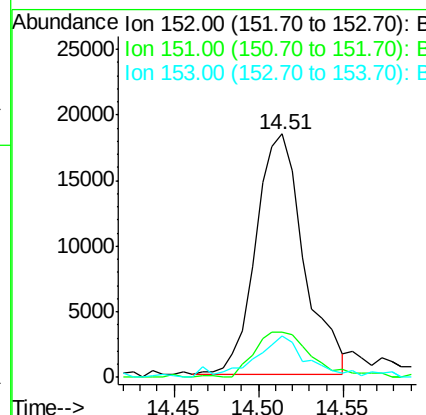
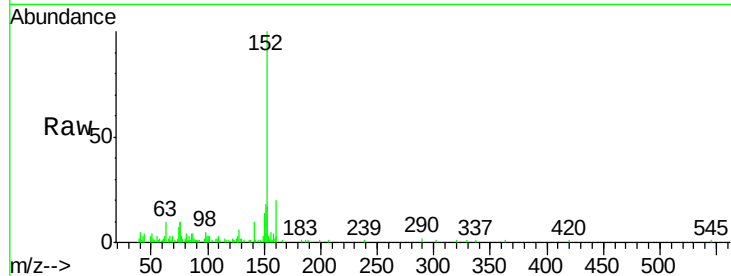
ClientSampleId :

PR002-SS001-2430-01

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.3	17.5	26.3
153	16.9	11.1	16.7#

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#69

Phenanthrene

Concen: 5.74 ng/ul

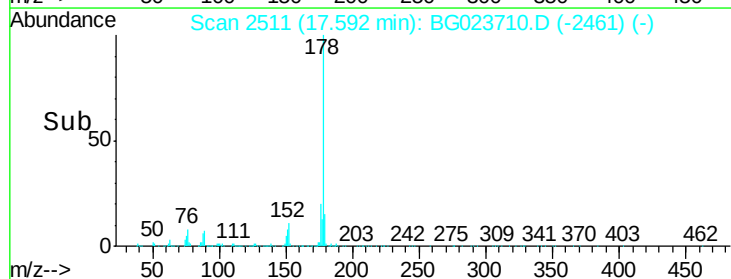
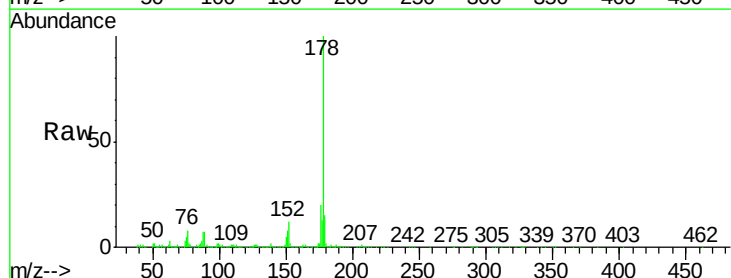
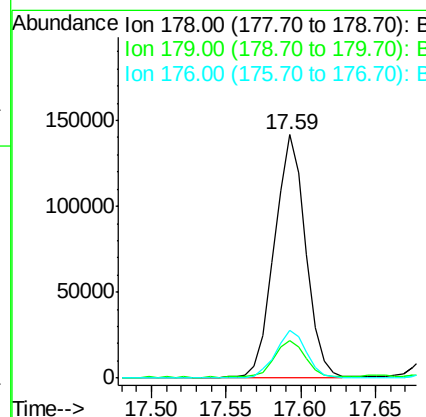
RT: 17.59 min Scan# 2511

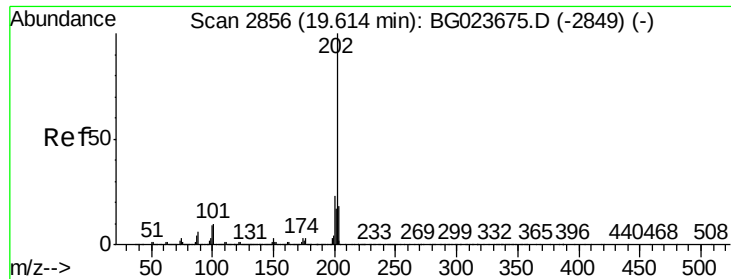
Delta R.T. -0.01 min

Lab File: BG023710.D

Acq: 14 Aug 2016 5:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.7	15.8	23.8





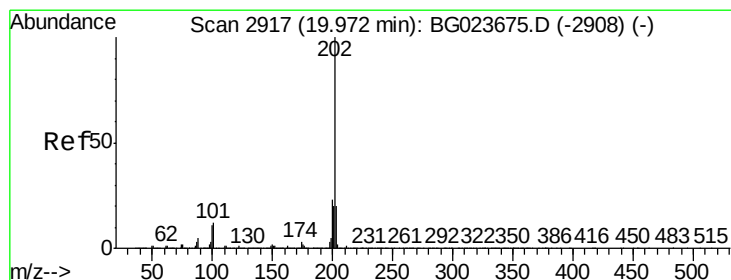
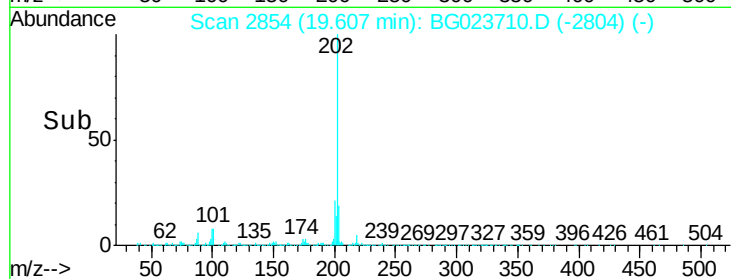
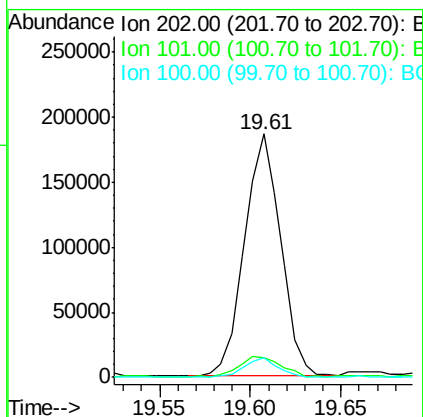
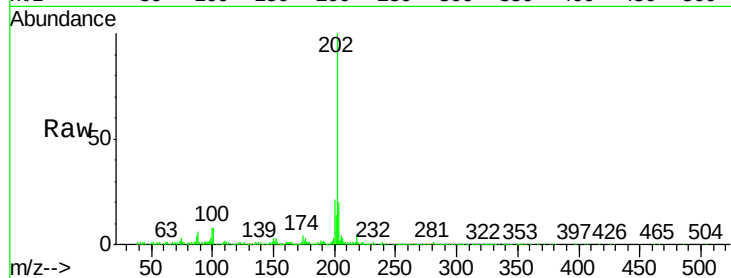
#74
Fluoranthene
Concen: 7.06 ng/ul
RT: 19.61 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG023710.D
Acq: 14 Aug 2016 5:11

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-2430-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	10.6	16.0#
100	8.0	8.7	13.1#

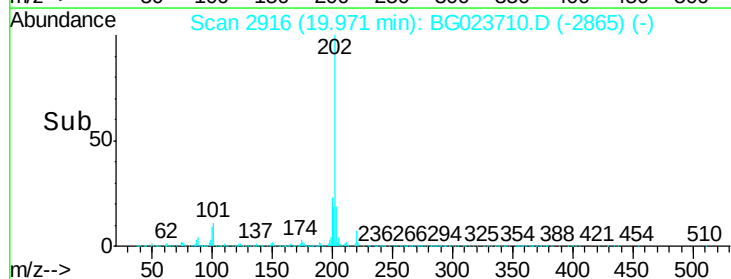
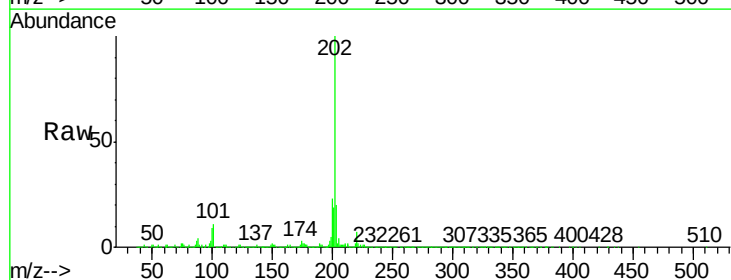
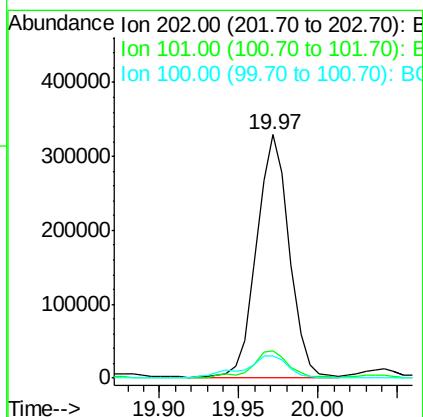
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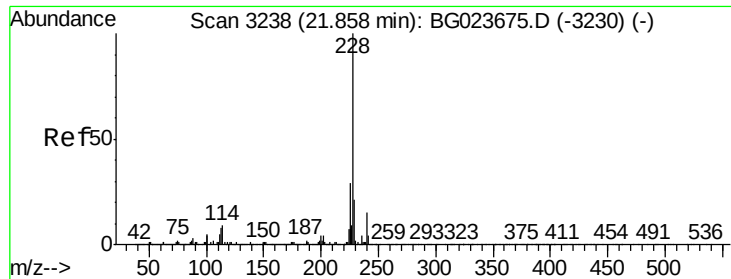
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#77
Pyrene
Concen: 10.61 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BG023710.D
Acq: 14 Aug 2016 5:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	12.5	18.7#
100	9.1	10.2	15.4#





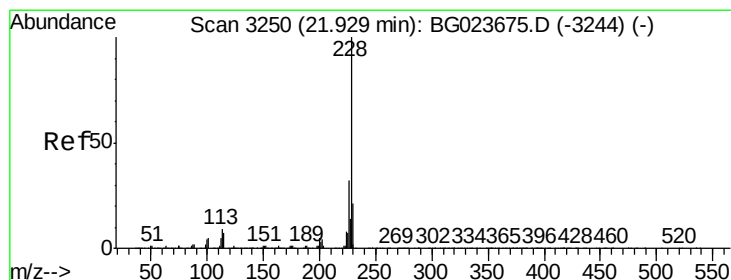
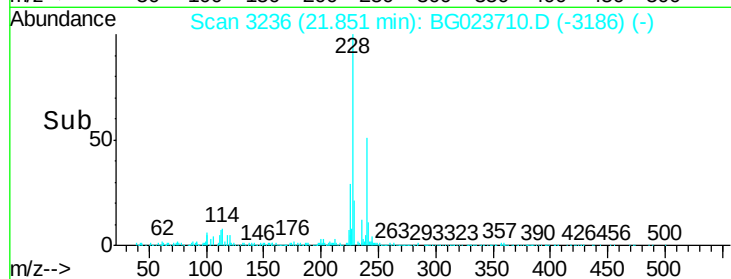
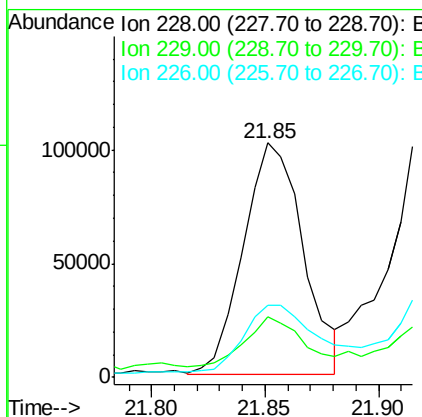
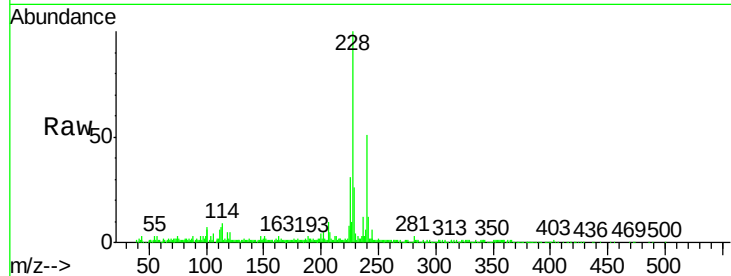
#80
Benzo(a)anthracene
Concen: 4.64 ng/ul m
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG023710.D
Acq: 14 Aug 2016 5:11

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-2430-01

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.7	15.4	23.2#
226	31.0	22.8	34.2

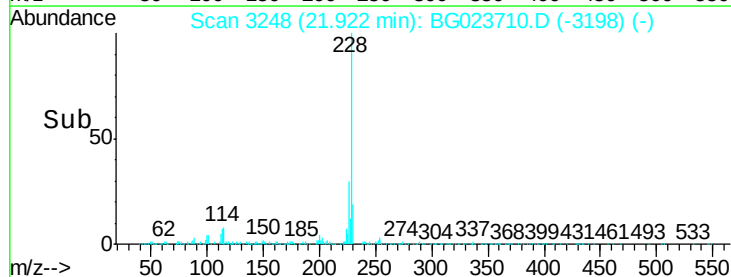
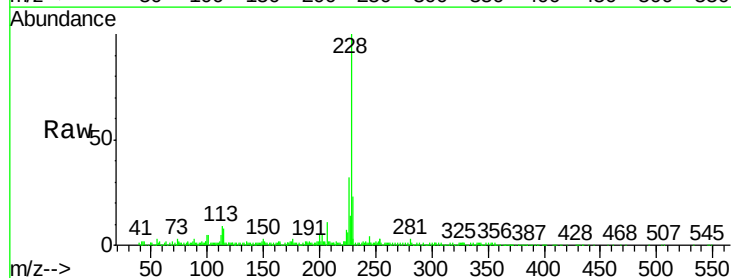
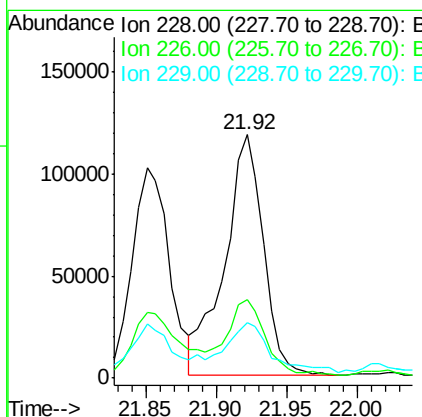
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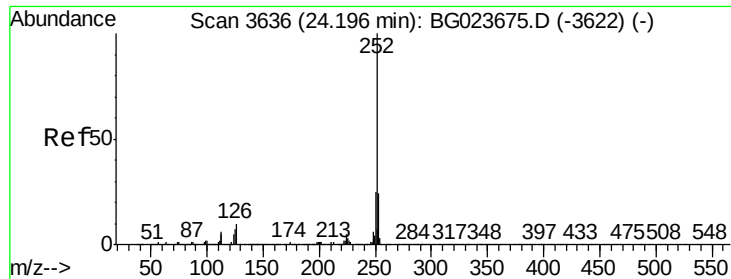
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#82
Chrysene
Concen: 6.20 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG023710.D
Acq: 14 Aug 2016 5:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.4
229	22.9	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 3.63 ng/ul m

RT: 24.20 min Scan# 3636

Delta R.T. 0.00 min

Lab File: BG023710.D

Acq: 14 Aug 2016 5:11

Instrument :

BNA_G

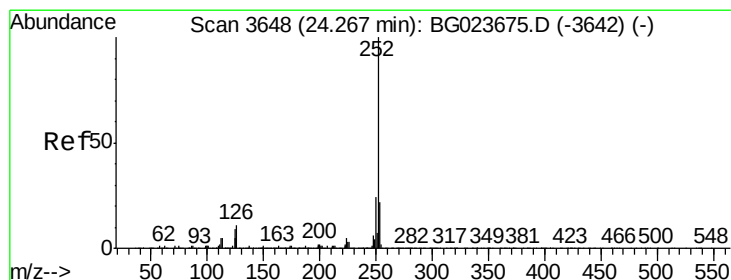
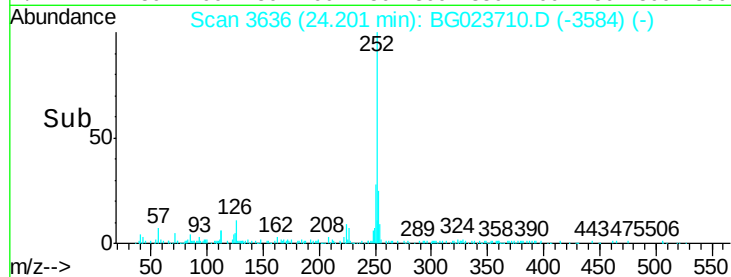
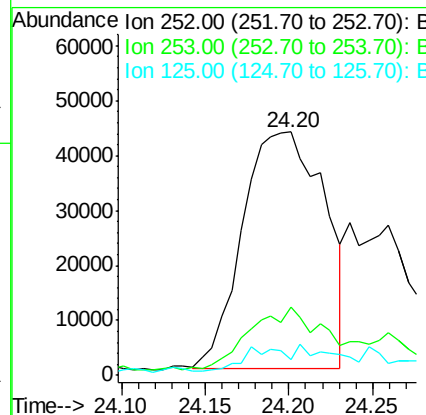
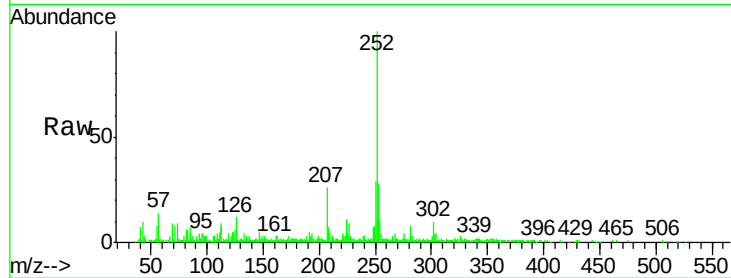
ClientSampleId :

PR002-SS001-2430-01

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	27.9	18.2	27.2#	
125	6.4	10.8	16.2#	

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#86

Benzo(k)fluoranthene

Concen: 1.65 ng/ul m

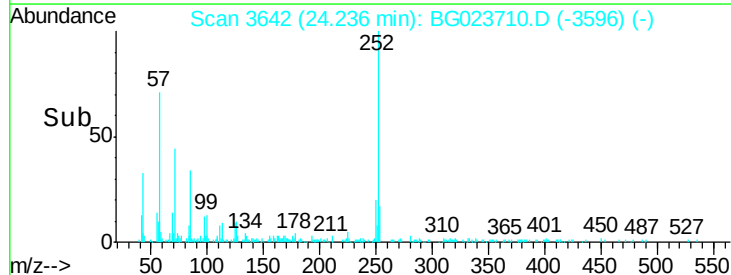
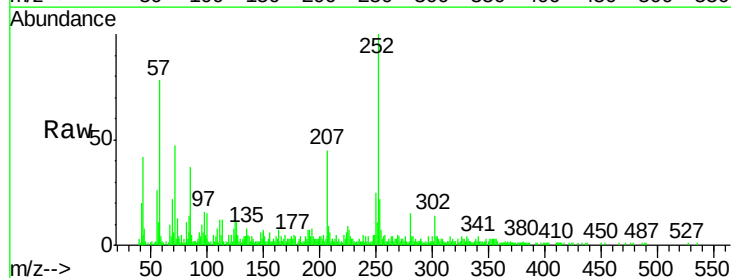
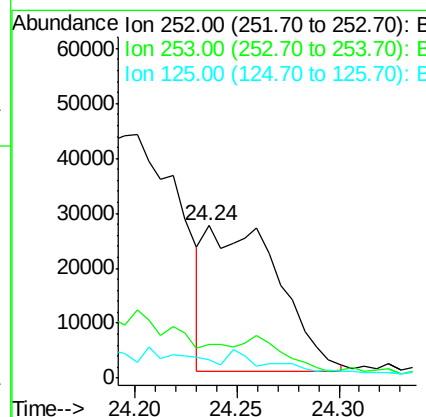
RT: 24.24 min Scan# 3642

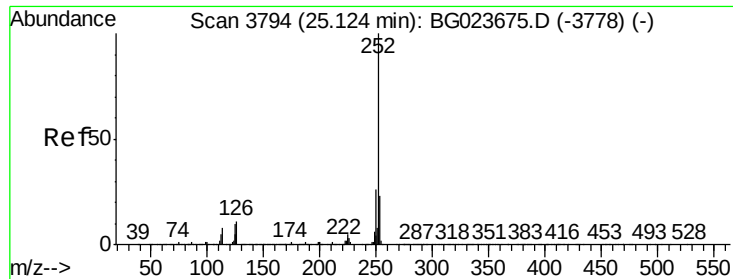
Delta R.T. -0.03 min

Lab File: BG023710.D

Acq: 14 Aug 2016 5:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	15.8	23.6	
125	12.2	10.6	16.0	





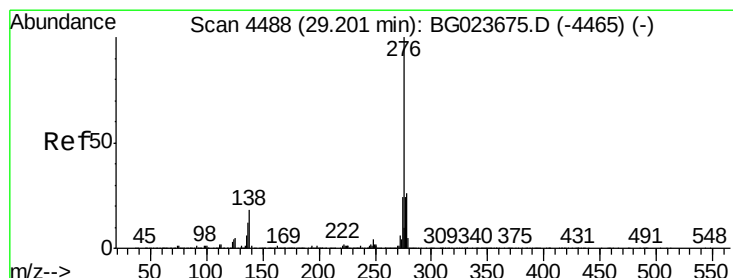
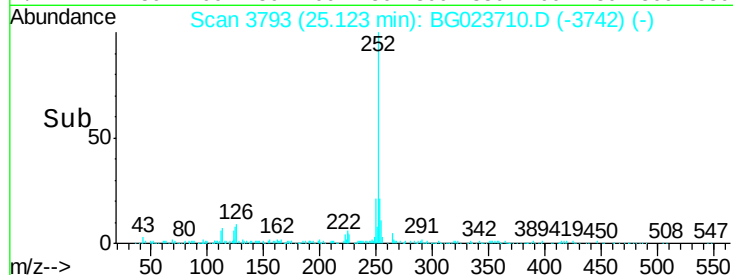
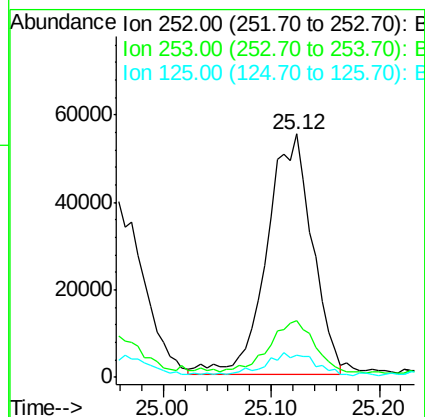
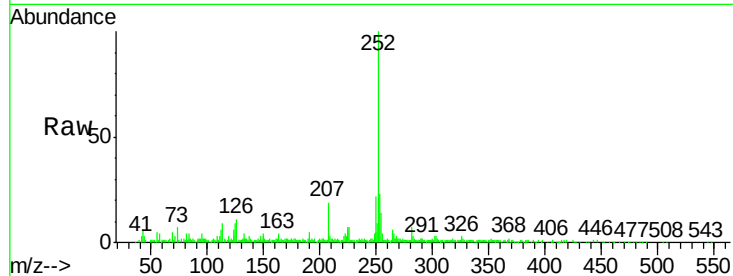
#88
Benzo(a)pyrene
Concen: 4.05 ng/ul m
RT: 25.12 min Scan# 3793
Delta R.T. -0.00 min
Lab File: BG023710.D
Acq: 14 Aug 2016 5:11

Instrument :
BNA_G
ClientSampleId :
PR002-SS001-2430-01

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	19.0	28.4
125	9.3	12.0	18.0#

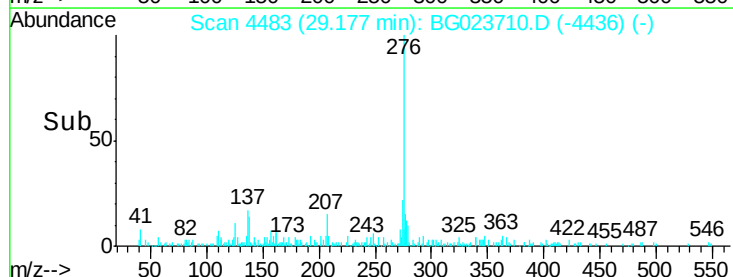
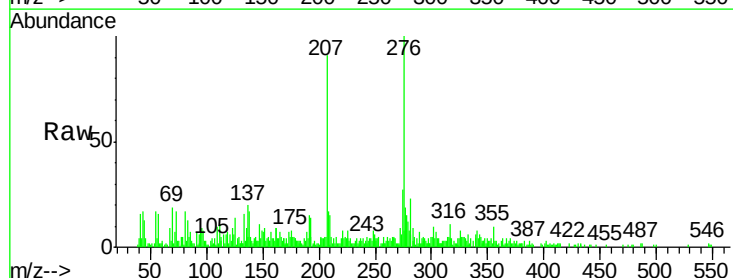
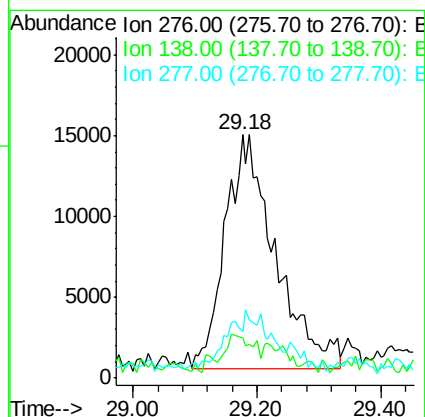
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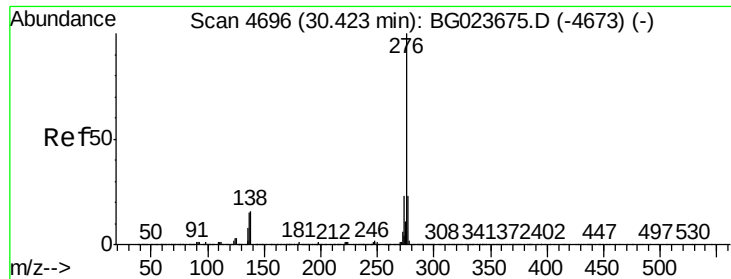
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.77 ng/ul m
RT: 29.18 min Scan# 4483
Delta R.T. -0.02 min
Lab File: BG023710.D
Acq: 14 Aug 2016 5:11

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	16.6	20.8	31.2#
277	19.1	17.6	26.4





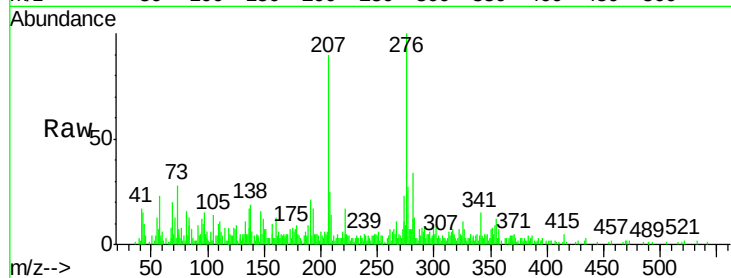
#91
 Benzo(a,h,i)perylene
 Concen: 2.26 ng/ul m
 RT: 30.41 min Scan# 4693
 Delta R.T. -0.01 min
 Lab File: BG023710.D
 Acq: 14 Aug 2016 5:11

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS001-2430-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	22.1	33.1#
277	27.5	17.0	25.4#

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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

