

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023704.D
 Acq On : 14 Aug 2016 1:25
 Operator : UM/SJ
 Sample : H4385-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-0206-01

Manual Integrations
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Quant Time: Aug 15 19:42:00 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	8.12	152	116737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	519648	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	322642	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	666866	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	667947	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	687260	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	8533	3.11	ng/uL	0.00
5) Phenol-d5	7.27	99	255587	21.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	167373	22.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	180992	22.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	184841	20.13	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	92659	22.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	111151	23.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	194993m	21.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	164254m	15.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	609394	23.07	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	718921	24.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	80393	17.83	ng/ul	0.00
57) Fluorene-d10	15.78	176	526229	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	75965	17.76	ng/ul	0.00
70) Anthracene-d10	17.65	188	733059	24.40	ng/ul	0.00
76) Pyrene-d10	19.95	212	800632	23.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	781067	25.11	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.23	163	255675	9.77	ng/ul	99
47) Acenaphthylene	14.51	152	85181	2.74	ng/ul	98
49) Acenaphthene	14.85	153	25804	1.22	ng/ul	93
58) Fluorene	15.84	166	45800	1.75	ng/ul#	97
69) Phenanthrene	17.60	178	800992	23.19	ng/ul	99
71) Anthracene	17.69	178	141294	4.01	ng/ul	96
72) Carbazole	17.96	167	50015	1.76	ng/ul	95
74) Fluoranthene	19.61	202	1186591	33.56	ng/ul#	90
77) Pvrene	19.98	202	1235715	29.93	ng/ul#	92
80) Benzo(a)anthracene	21.86	228	675361	17.95	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	34372	1.63	ng/ul#	95
82) Chrysene	21.93	228	679584m	19.87	ng/ul	
85) Benzo(b)fluoranthene	24.21	252	780729m	19.97	ng/ul	
86) Benzo(k)fluoranthene	24.26	252	265240m	6.89	ng/ul	
88) Benzo(a)pyrene	25.12	252	605996m	16.06	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	345655m	7.79	ng/ul	
90) Dibenzo(a,h)anthracene	29.25	278	103922m	2.75	ng/ul	
91) Benzo(g,h,i)perylene	30.43	276	344860m	9.38	ng/ul	

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

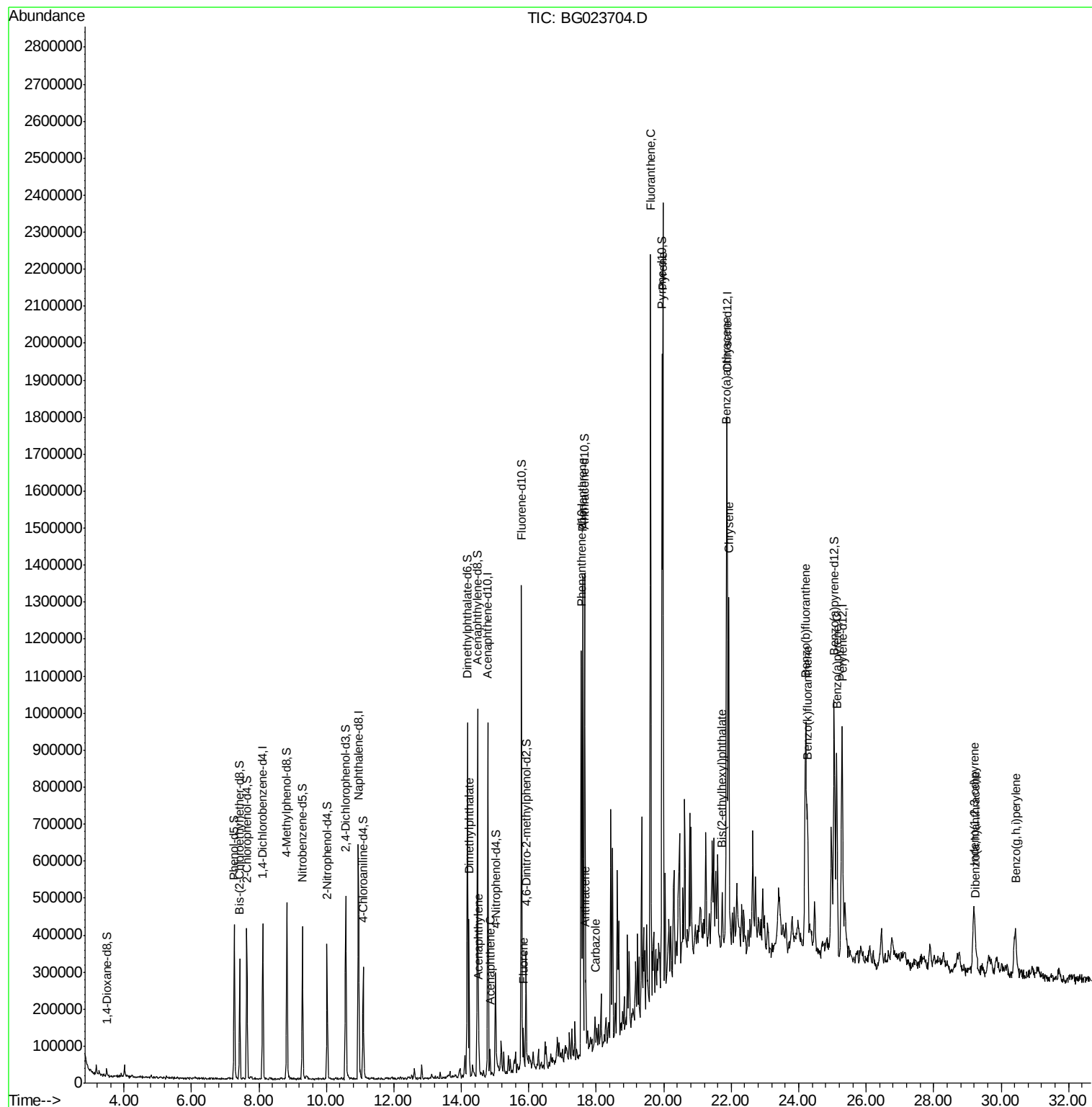
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023704.D
Acq On : 14 Aug 2016 1:25
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Sample : H4385-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

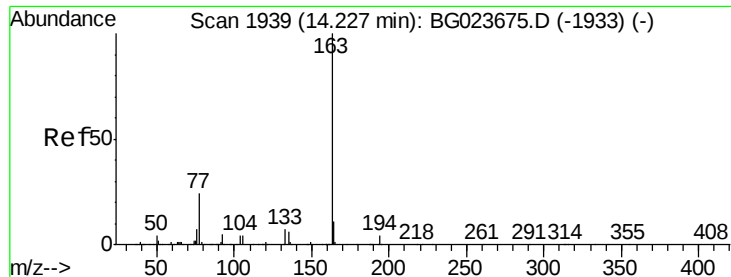
Instrument :
BNA_G
ClientSampleId :
P002-SS002-0206-01

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Quant Title : SVOA CALIBRATION
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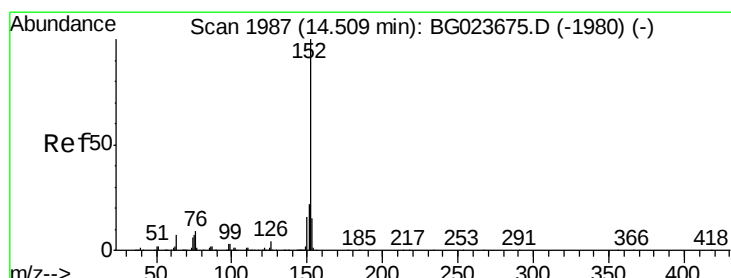
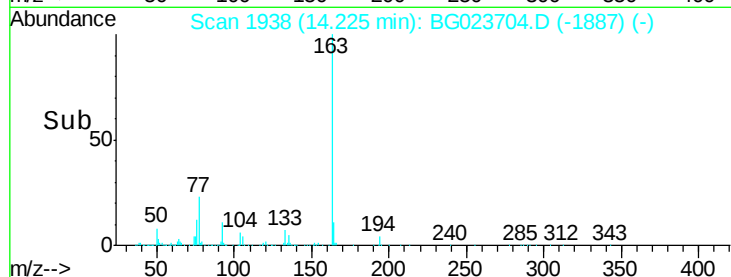
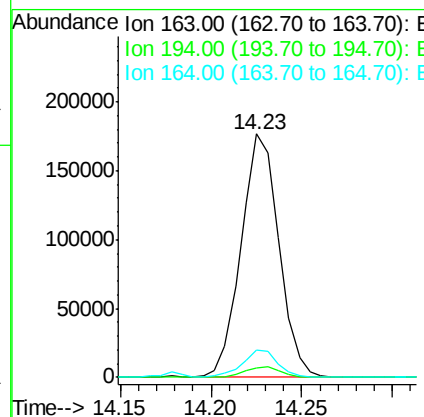
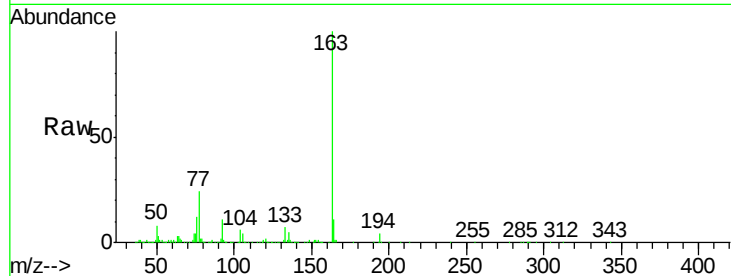
#44
Dimethylphthalate
Concen: 9.77 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG023704.D
Acq: 14 Aug 2016 1:25

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0206-01

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.4	5.2
164	11.4	8.8	13.2

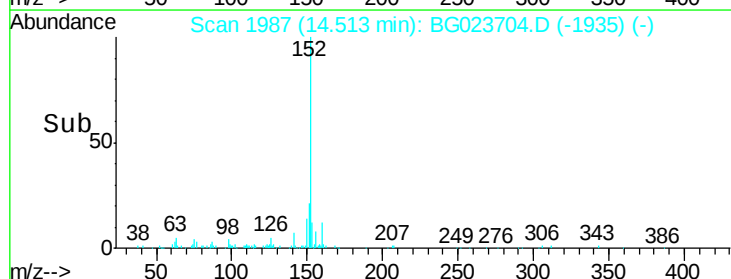
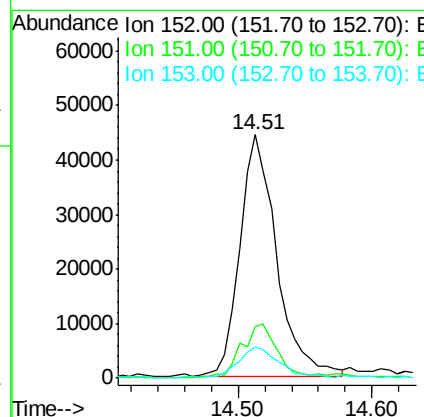
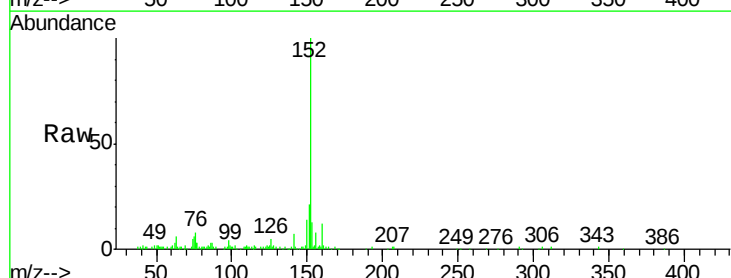
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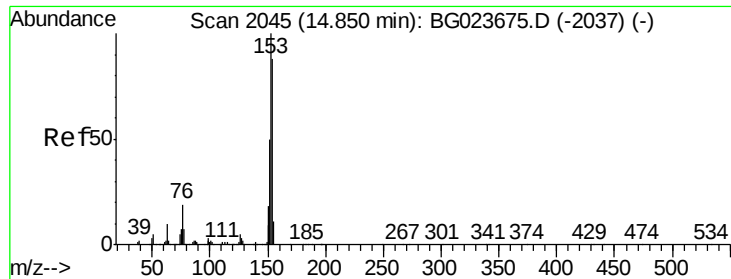
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#47
Acenaphthylene
Concen: 2.74 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG023704.D
Acq: 14 Aug 2016 1:25

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	21.1	17.5	26.3
153	12.6	11.1	16.7





#49

Acenaphthene

Concen: 1.22 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Instrument :

BNA_G

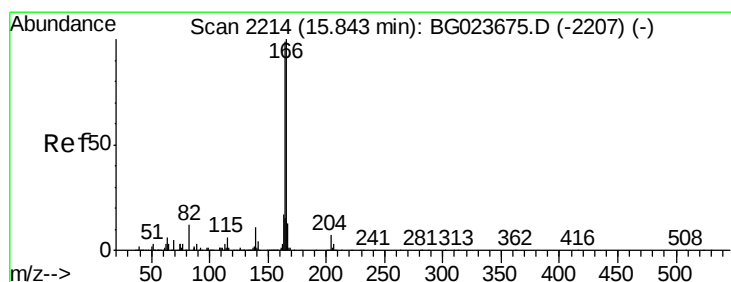
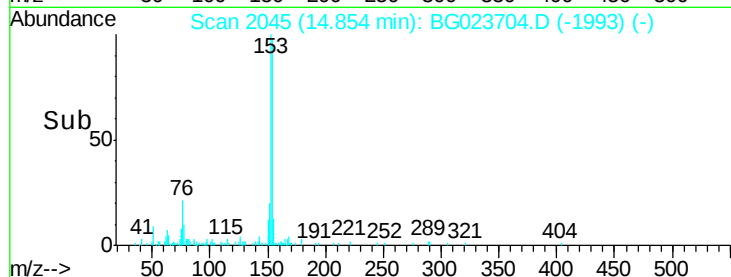
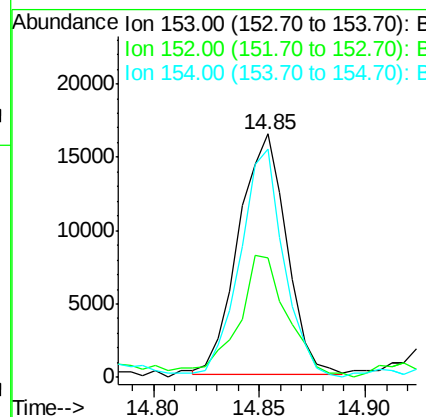
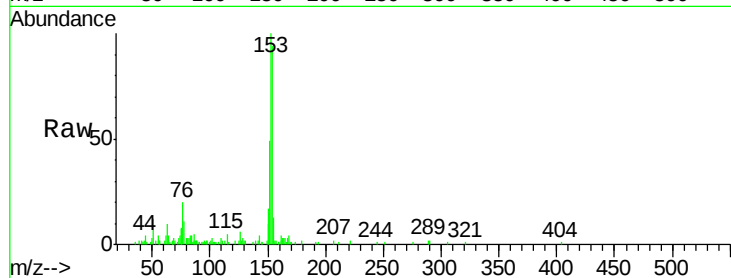
ClientSampleId :

P002-SS002-0206-01

Tot Ion:	153	Resp:	25804
Ion Ratio	Lower	Upper	
153	100		
152	48.8	37.3	55.9
154	93.5	68.2	102.2

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#58

Fluorene

Concen: 1.75 ng/ul

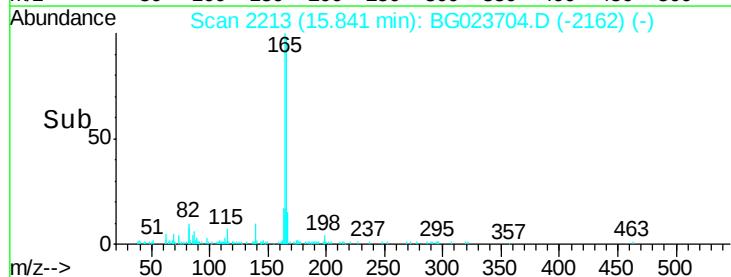
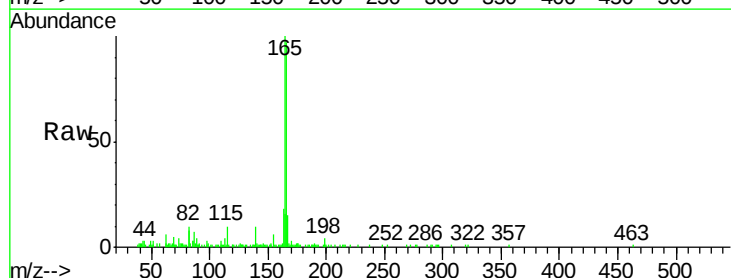
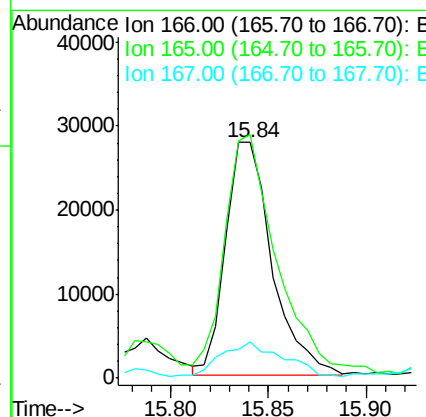
RT: 15.84 min Scan# 2213

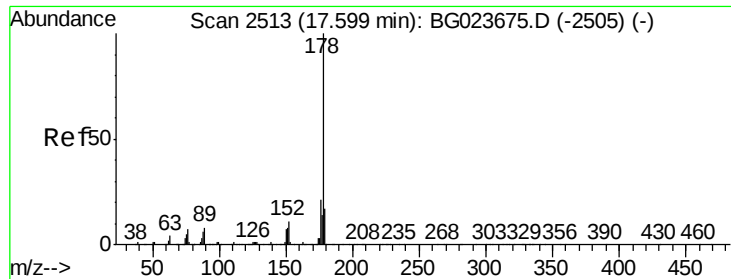
Delta R.T. -0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Tgt Ion:	166	Resp:	45800
Ion Ratio	Lower	Upper	
166	100		
165	103.4	80.3	120.5
167	15.6	10.3	15.5#





#69

Phenanthrene

Concen: 23.19 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Instrument :

BNA_G

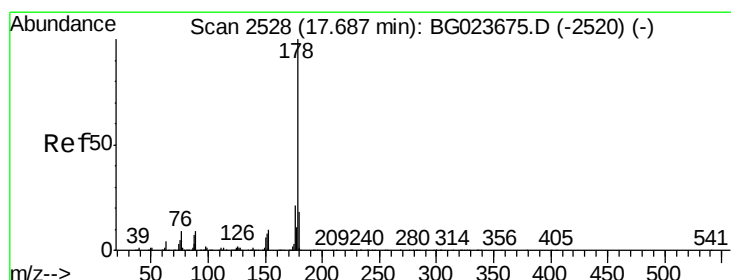
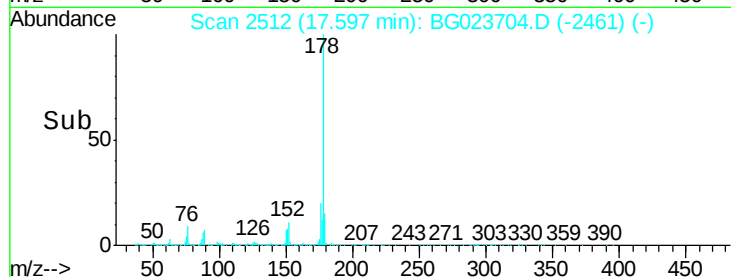
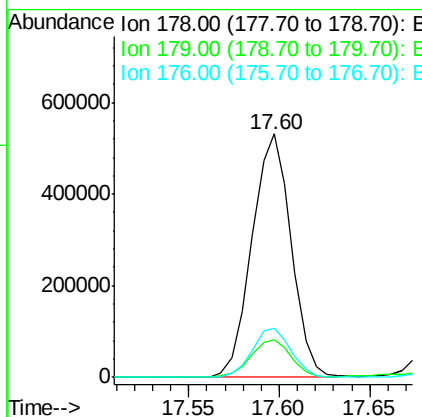
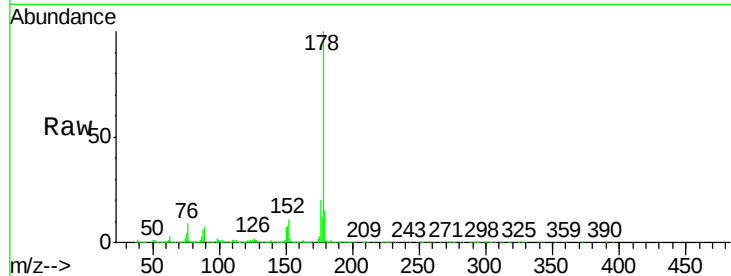
ClientSampleId :

P002-SS002-0206-01

Tot Ion:	178	Resp:	800992
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	20.4	15.8	23.8

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#71

Anthracene

Concen: 4.01 ng/ul

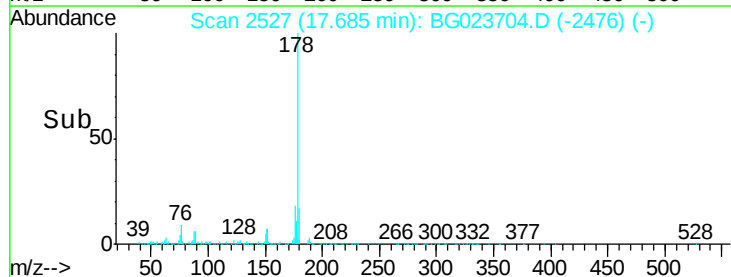
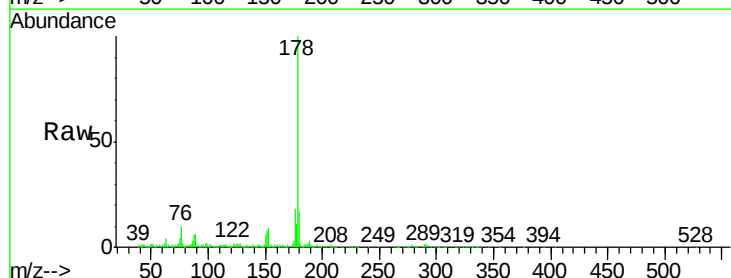
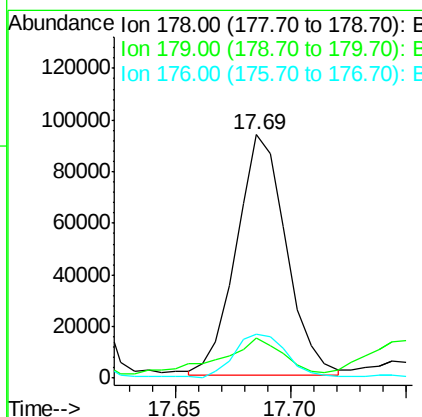
RT: 17.69 min Scan# 2527

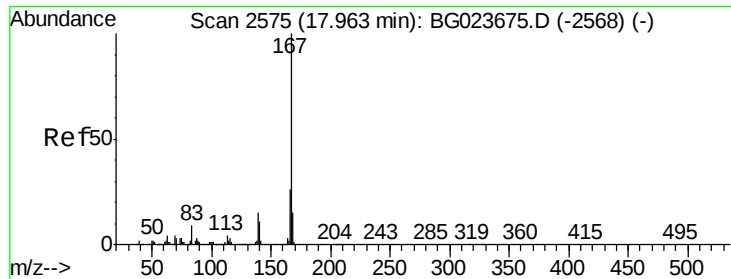
Delta R.T. -0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Tgt Ion:	178	Resp:	141294
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.3	18.5
176	18.1	16.3	24.5





#72

Carbazole

Concen: 1.76 ng/ul

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Instrument :

BNA_G

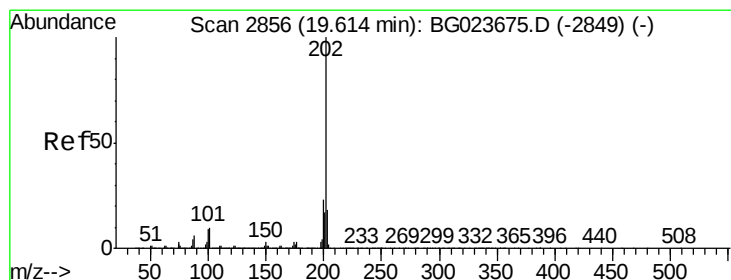
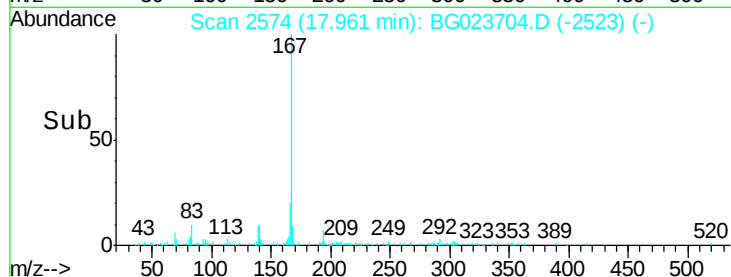
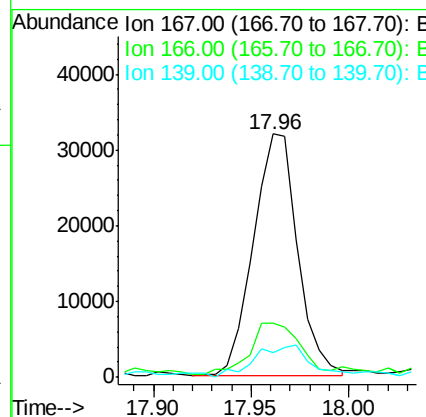
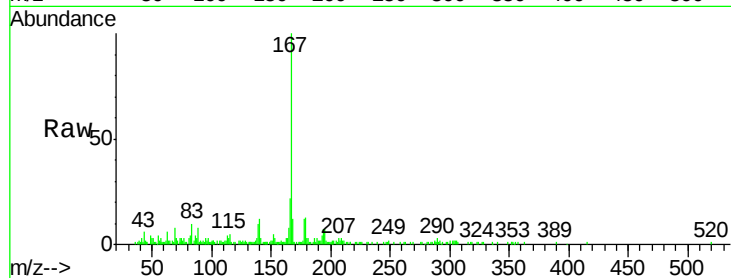
ClientSampleId :

P002-SS002-0206-01

Tot Ion:	167	Resp:	50015
Ion Ratio	Lower	Upper	
167	100		
166	22.2	19.2	28.8
139	10.3	10.2	15.4

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#74

Fluoranthene

Concen: 33.56 ng/ul

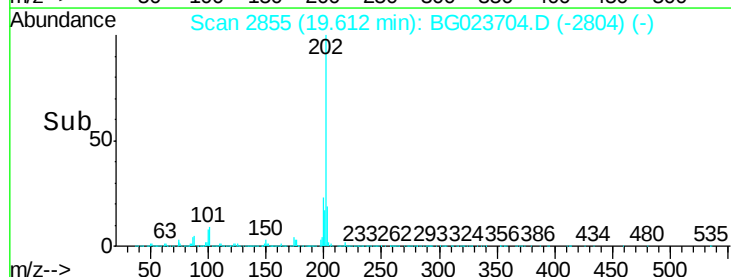
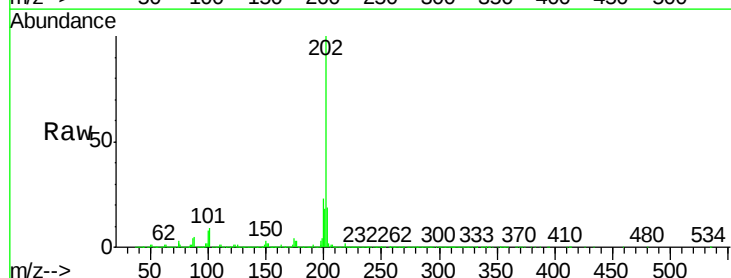
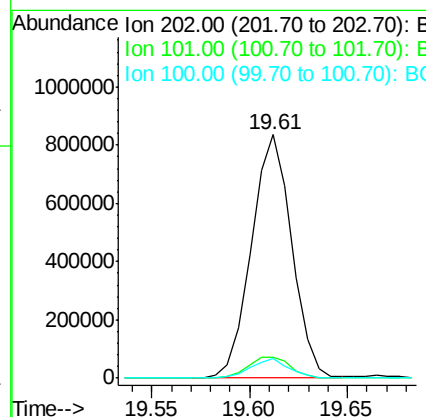
RT: 19.61 min Scan# 2855

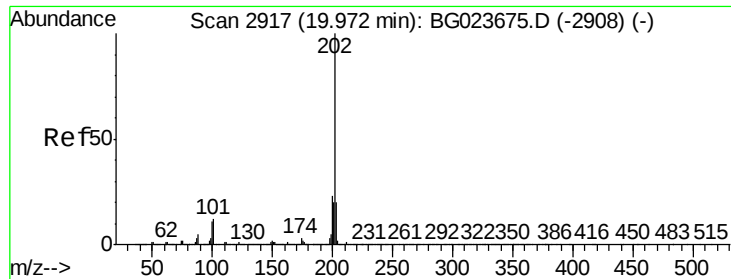
Delta R.T. -0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Tgt Ion:	202	Resp:	1186591
Ion Ratio	Lower	Upper	
202	100		
101	8.7	10.6	16.0#
100	8.0	8.7	13.1#





#77

Pvrene

Concen: 29.93 ng/ul

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Instrument :

BNA_G

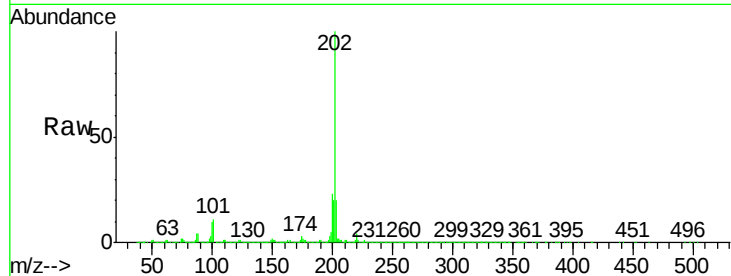
ClientSampleId :

P002-SS002-0206-01

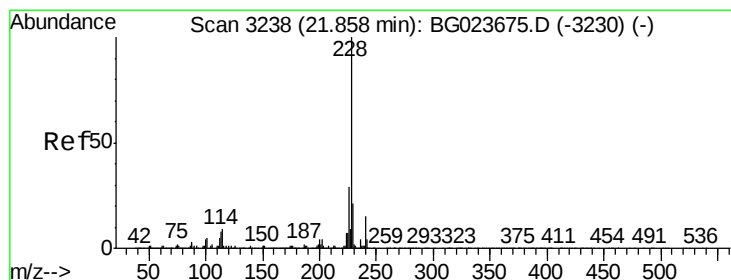
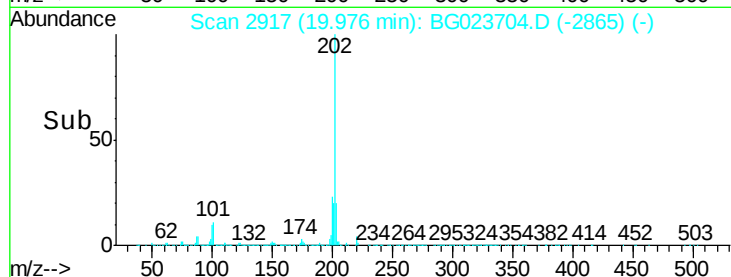
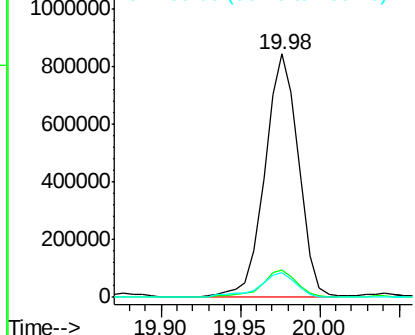
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	12.5	18.7#
100	10.2	10.2	15.4

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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: 17.95 ng/ul

RT: 21.86 min Scan# 3237

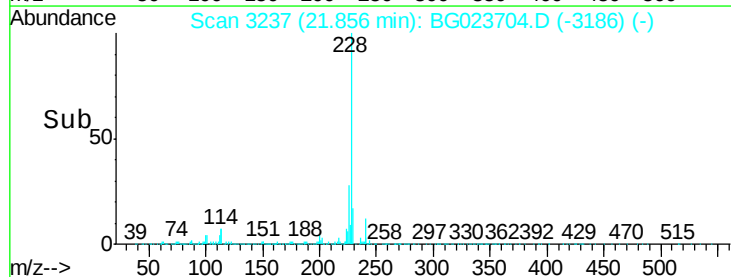
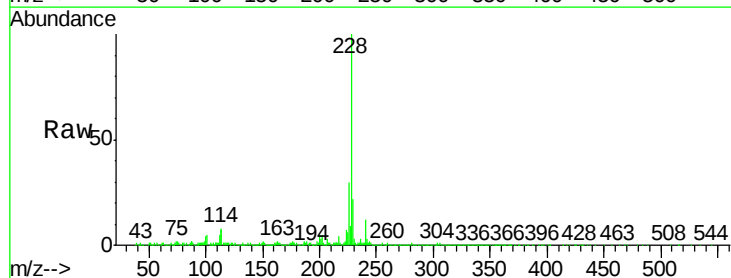
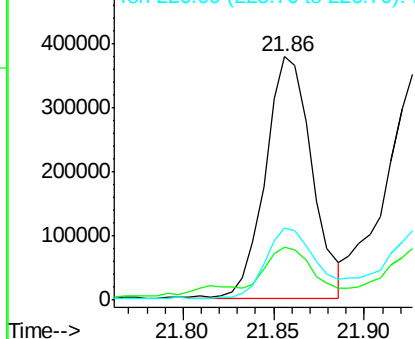
Delta R.T. -0.00 min

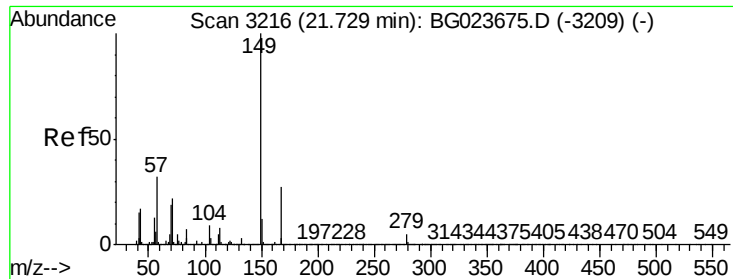
Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	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





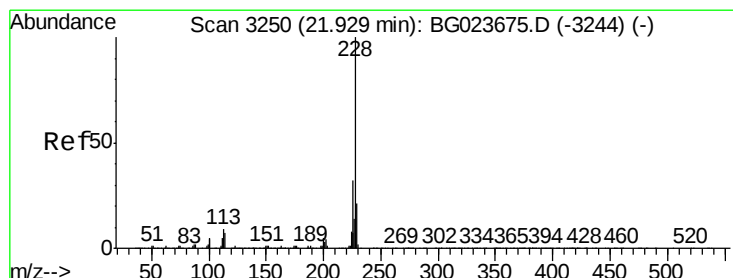
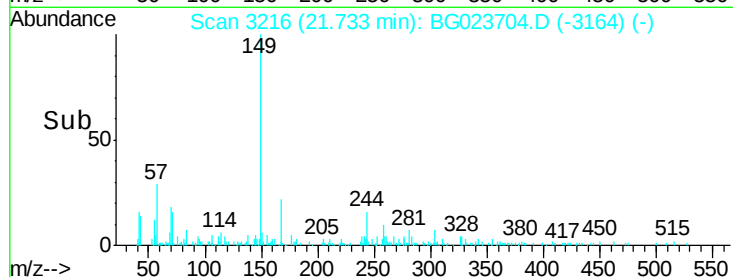
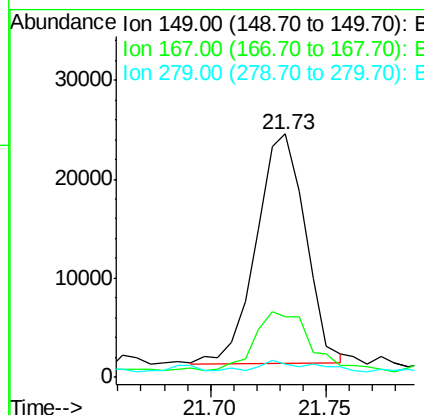
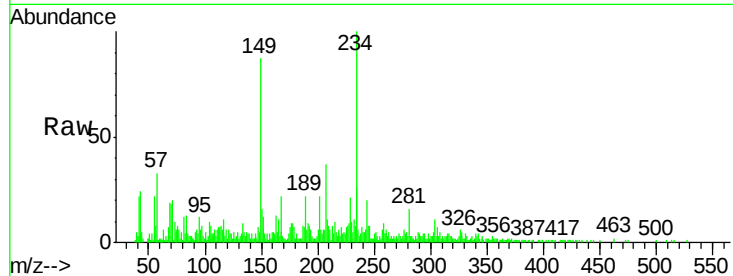
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.63 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: BG023704.D
 Acq: 14 Aug 2016 1:25

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS002-0206-01

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.9	32.9
279	5.3	2.9	4.3

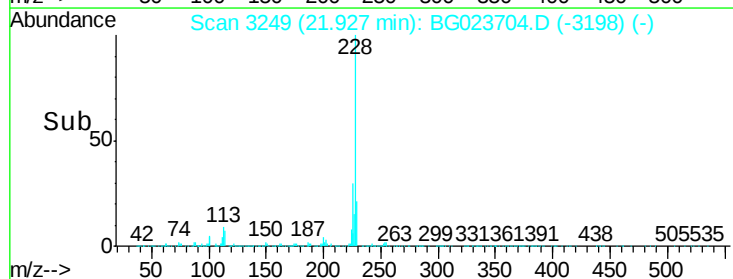
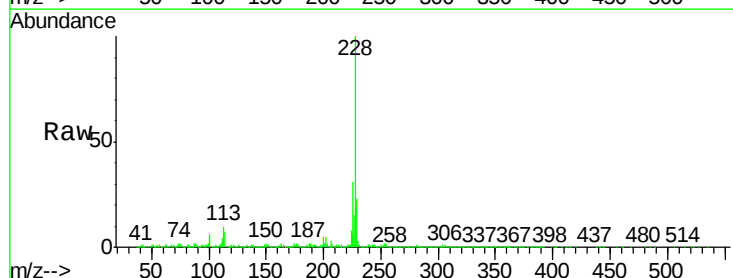
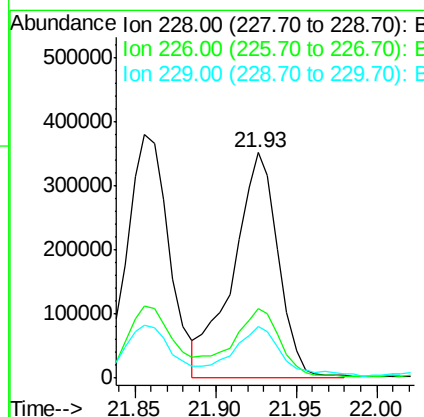
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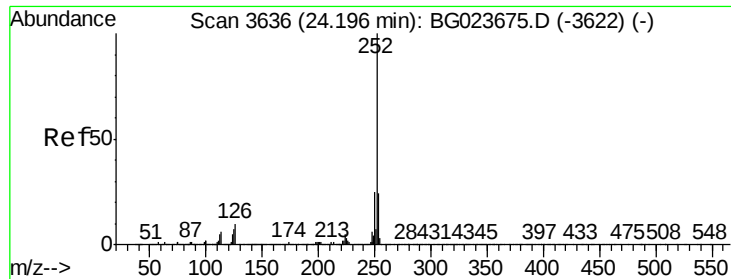
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#82
 Chrysene
 Concen: 19.87 ng/ul m
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG023704.D
 Acq: 14 Aug 2016 1:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	23.0	15.0	22.6





#85

Benzo(b)fluoranthene

Concen: 19.97 ng/ul m

RT: 24.21 min Scan# 3637

Delta R.T. 0.01 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Instrument :

BNA_G

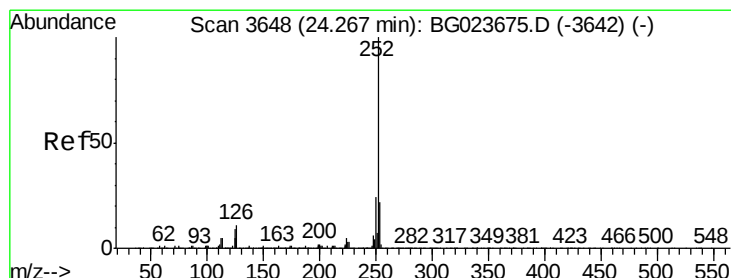
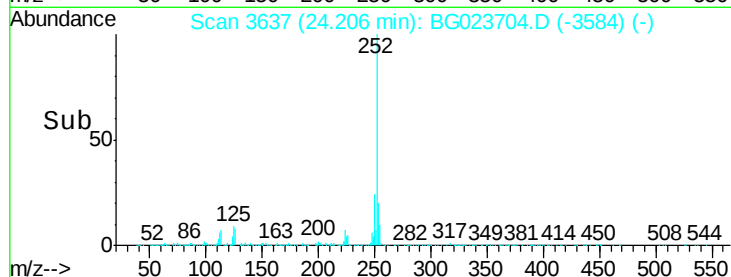
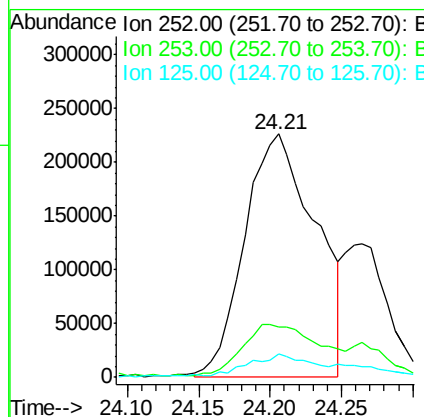
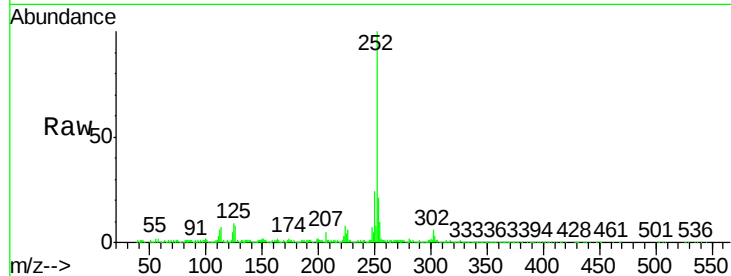
ClientSampleId :

P002-SS002-0206-01

Tot Ion:	252	Resp:	780729
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.2	27.2
125	9.4	10.8	16.2#

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#86

Benzo(k)fluoranthene

Concen: 6.89 ng/ul m

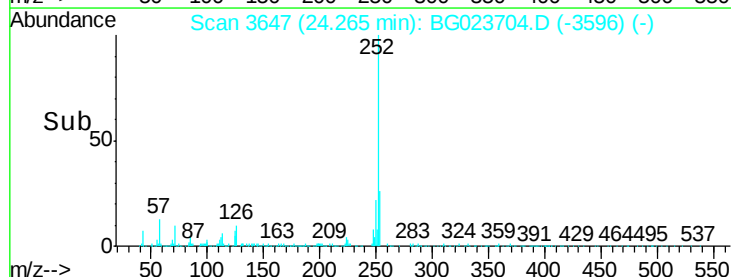
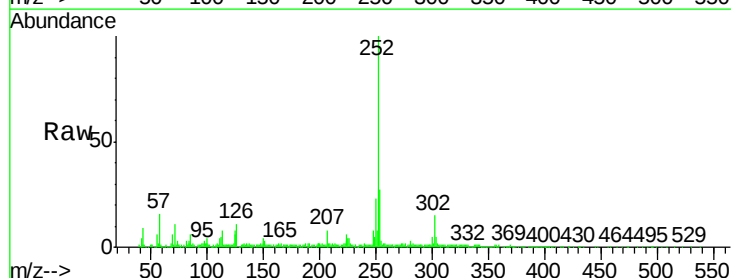
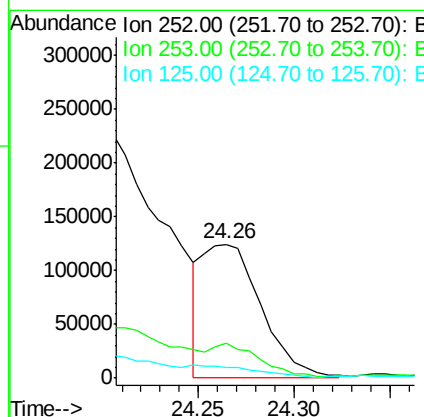
RT: 24.26 min Scan# 3647

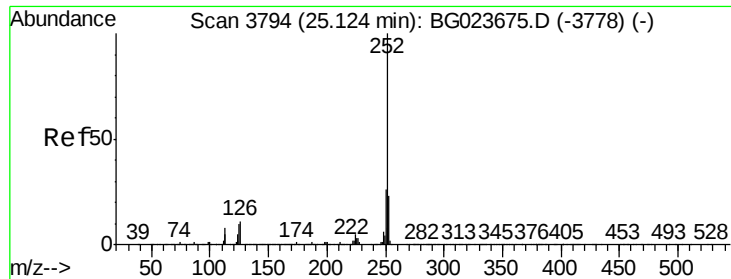
Delta R.T. -0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Tgt Ion:	252	Resp:	265240
Ion Ratio	Lower	Upper	
252	100		
253	26.7	15.8	23.6#
125	8.3	10.6	16.0#





#88

Benzo(a)pyrene

Concen: 16.06 ng/ul m

RT: 25.12 min Scan# 3793

Delta R.T. -0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Instrument :

BNA_G

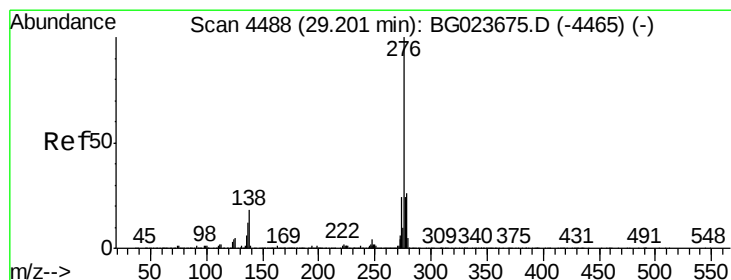
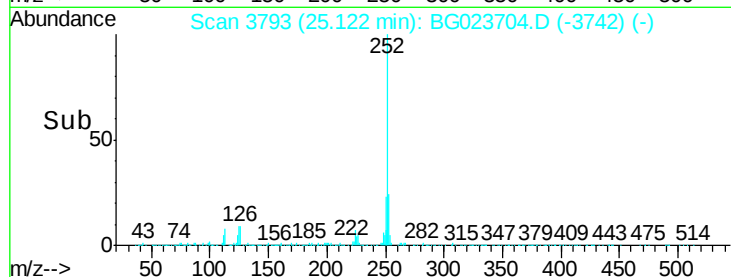
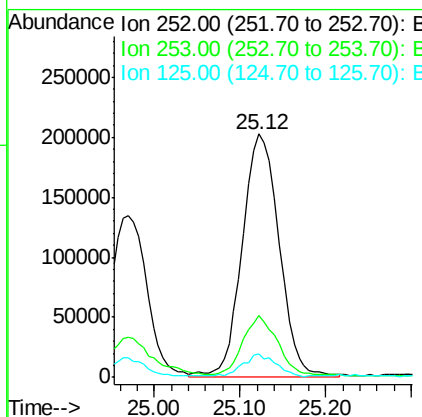
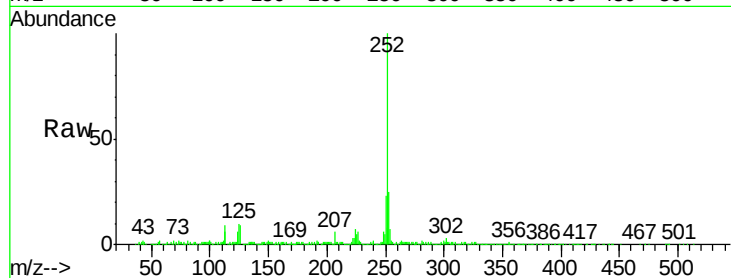
ClientSampleId :

P002-SS002-0206-01

Tot Ion:	252	Resp:	605996
Ion Ratio		Lower	Upper
252	100		
253	25.2	19.0	28.4
125	9.7	12.0	18.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 7.79 ng/ul m

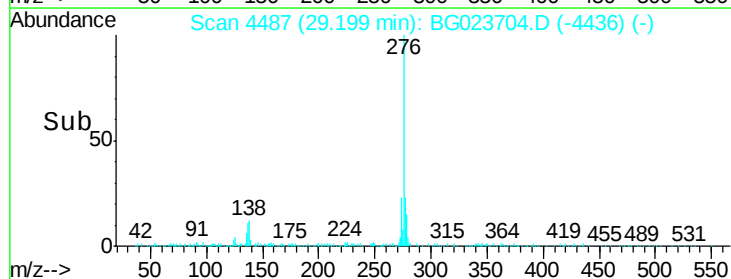
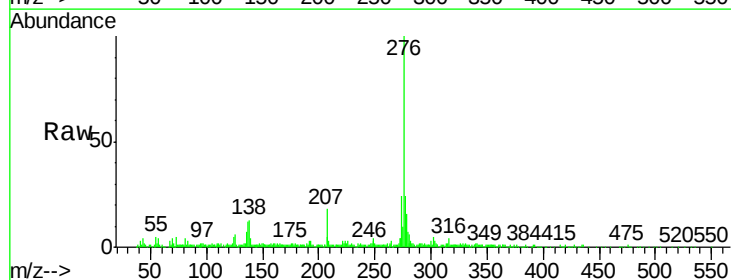
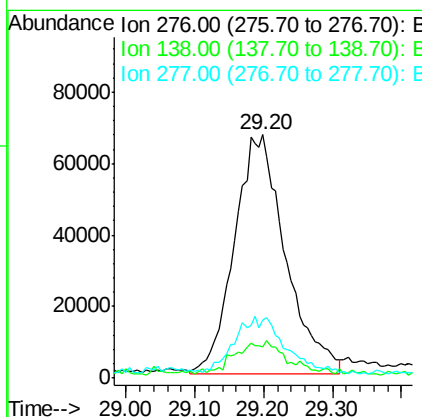
RT: 29.20 min Scan# 4487

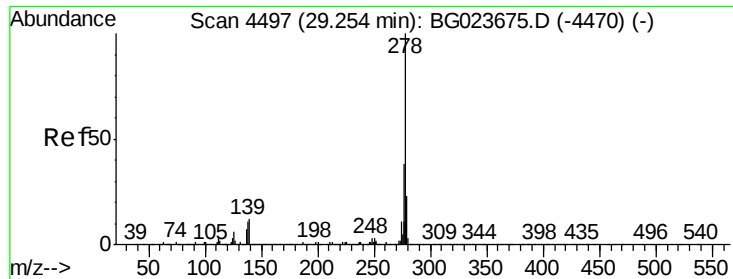
Delta R.T. -0.00 min

Lab File: BG023704.D

Acq: 14 Aug 2016 1:25

Tgt Ion:	276	Resp:	345655
Ion Ratio		Lower	Upper
276	100		
138	12.7	20.8	31.2#
277	23.8	17.6	26.4





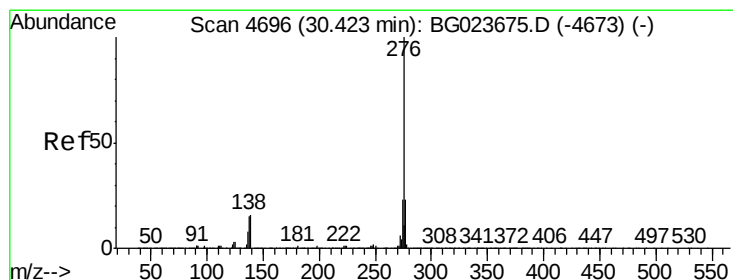
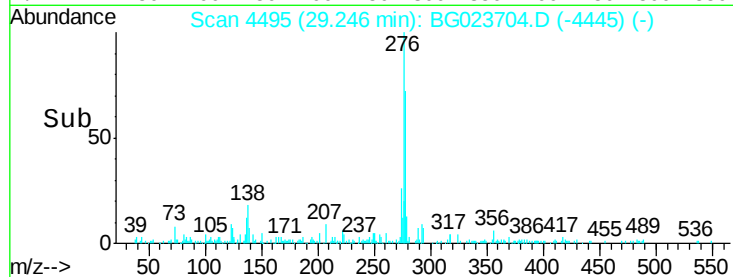
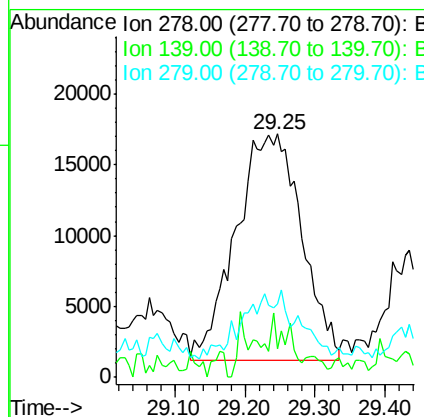
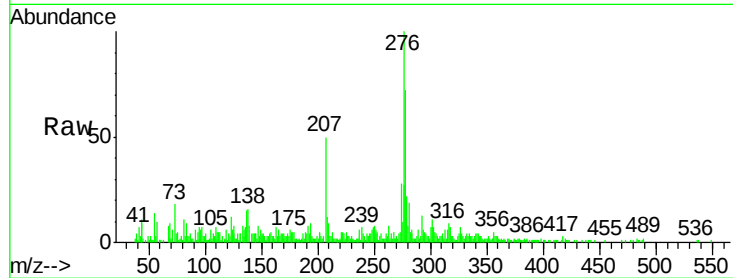
#90
Dibenzo(a,h)anthracene
Concen: 2.75 ng/ul m
RT: 29.25 min Scan# 4495
Delta R.T. -0.01 min
Lab File: BG023704.D
Acq: 14 Aug 2016 1:25

Instrument :
BNA_G
ClientSampleId :
P002-SS002-0206-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	16.3	24.5#
279	29.9	19.1	28.7#

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#91
Benzo(g,h,i)perylene
Concen: 9.38 ng/ul m
RT: 30.43 min Scan# 4696
Delta R.T. 0.00 min
Lab File: BG023704.D
Acq: 14 Aug 2016 1:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.0	22.1	33.1#
277	22.3	17.0	25.4

