

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023715.D
 Acq On : 14 Aug 2016 8:57
 Operator : UM/SJ
 Sample : H4385-16DL 2X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS004-1218-01DL

Manual Integrations
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 8/16/2016 7:00:36 PM

Quant Time: Aug 15 19:17:40 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 18:52:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	135476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	572376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	361960	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	774740m	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	813426m	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	803512	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	5457	1.71	ng/uL	0.00
5) Phenol-d5	7.27	99	144363	10.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	97186	11.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	105633	11.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	104131	9.77	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	56989m	12.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	64807	12.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	109915	11.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	97297	8.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	378314	12.77	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	436823	13.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	52089	10.30	ng/ul	0.01
57) Fluorene-d10	15.79	176	335110	12.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	47482m	9.55	ng/ul	0.00
70) Anthracene-d10	17.65	188	492134	14.10	ng/ul	0.00
76) Pyrene-d10	19.94	212	572486m	13.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	541774	14.90	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.23	163	243200	8.29	ng/ul	98
47) Acenaphthylene	14.52	152	37957	1.09	ng/ul#	92
69) Phenanthrene	17.59	178	198280m	4.94	ng/ul	
74) Fluoranthene	19.61	202	484423m	11.79	ng/ul	
77) Pyrene	19.97	202	566644m	11.27	ng/ul	
80) Benzo(a)anthracene	21.85	228	332154	7.25	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	977586	38.12	ng/ul#	97
82) Chrysene	21.92	228	332894m	7.99	ng/ul	
85) Benzo(b)fluoranthene	24.20	252	382695m	8.37	ng/ul	
86) Benzo(k)fluoranthene	24.25	252	133675m	2.97	ng/ul	
88) Benzo(a)pyrene	25.12	252	282922	6.41	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.20	276	164949m	3.18	ng/ul	
90) Dibenzo(a,h)anthracene	29.23	278	49322m	1.12	ng/ul	
91) Benzo(g,h,i)perylene	30.41	276	133587m	3.11	ng/ul	

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

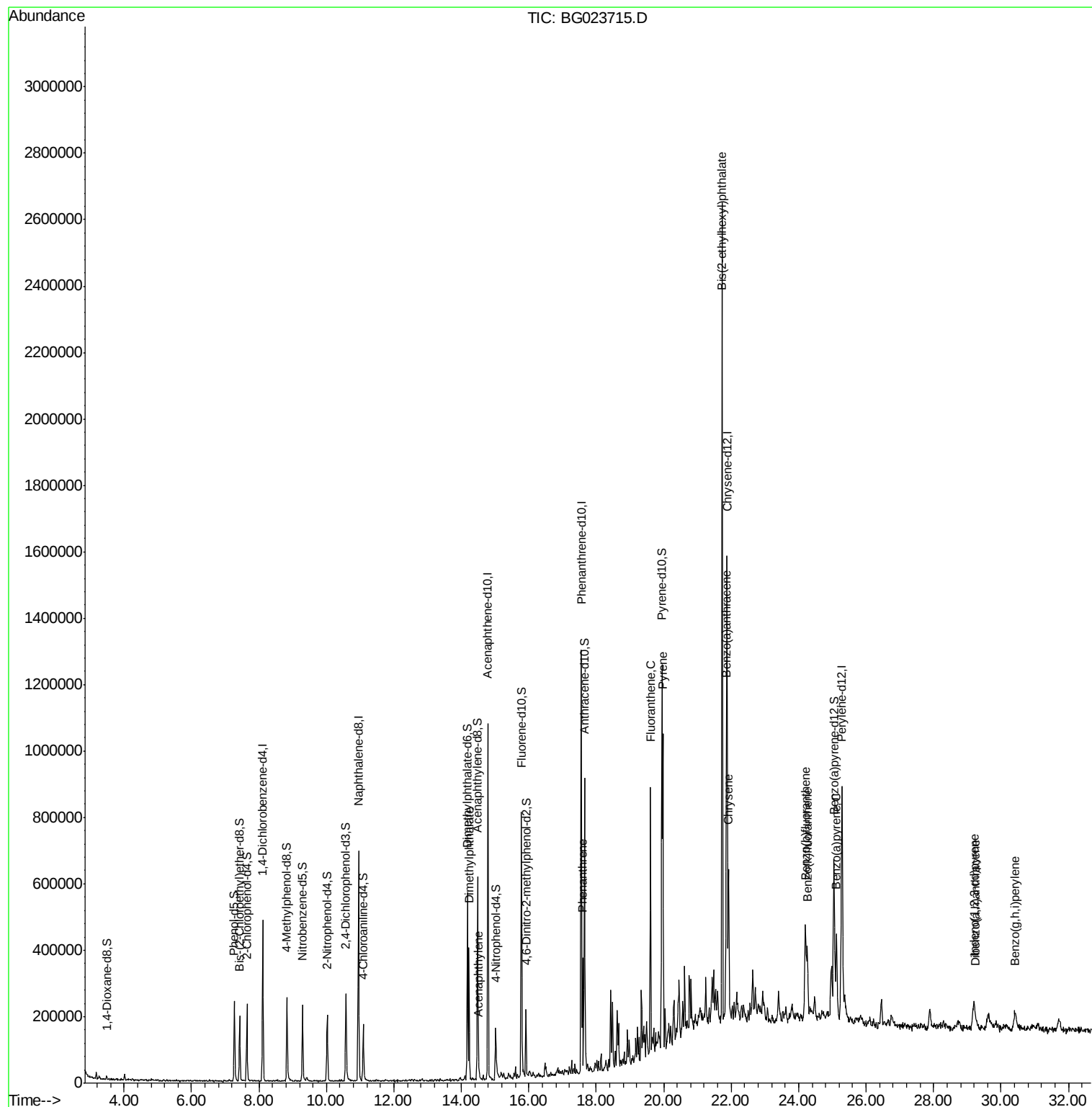
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023715.D
Acq On : 14 Aug 2016 8:57
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Sample : H4385-16DL 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

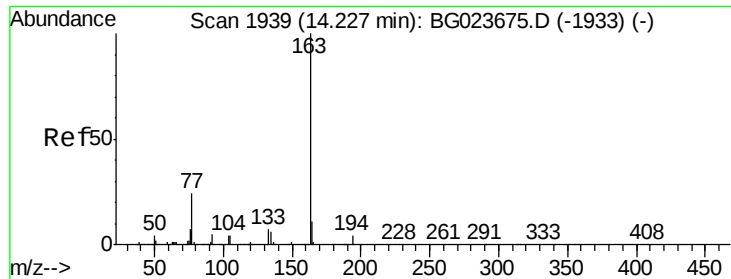
Instrument :
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ClientSampleId :
P002-SS004-1218-01DL

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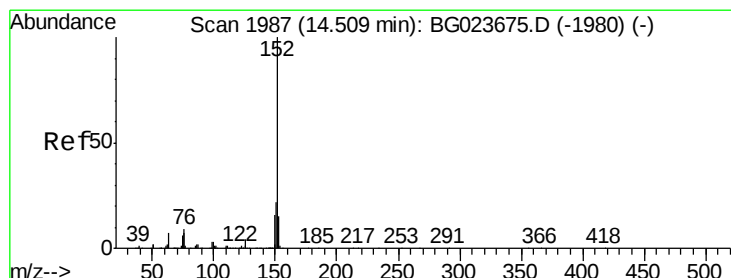
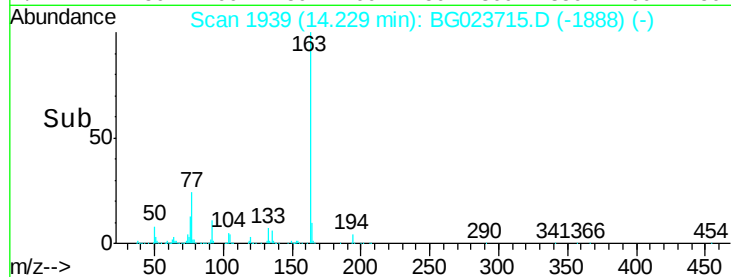
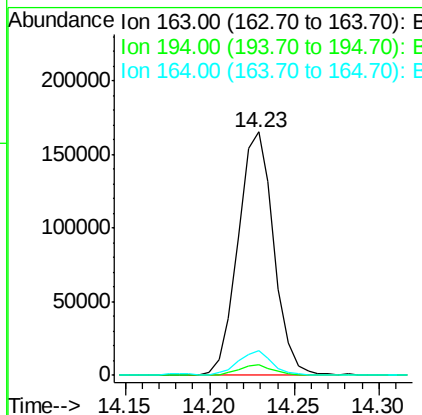
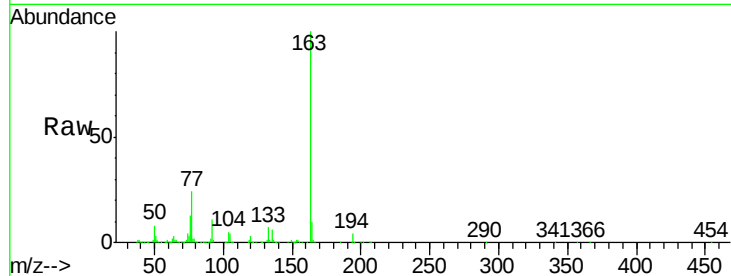
#44
Dimethylphthalate
Concen: 8.29 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG023715.D
Acq: 14 Aug 2016 8:57

Instrument :
BNA_G
ClientSampleId :
P002-SS004-1218-01DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	243200		
194	4.5		3.4	5.2
164	10.0		8.8	13.2

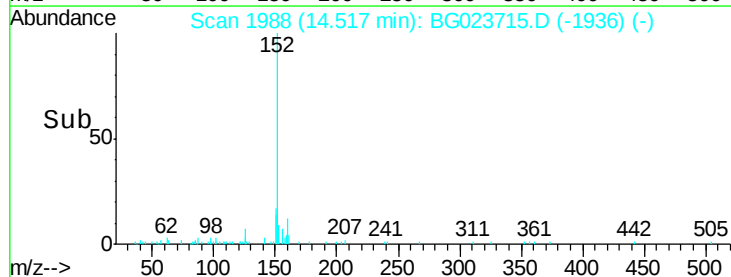
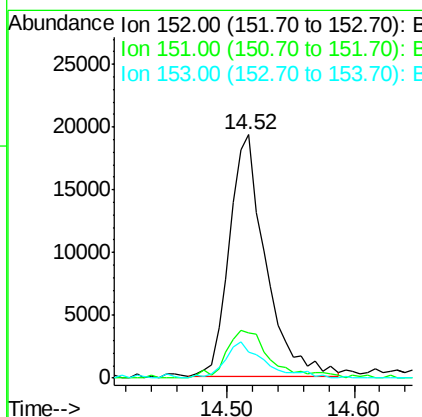
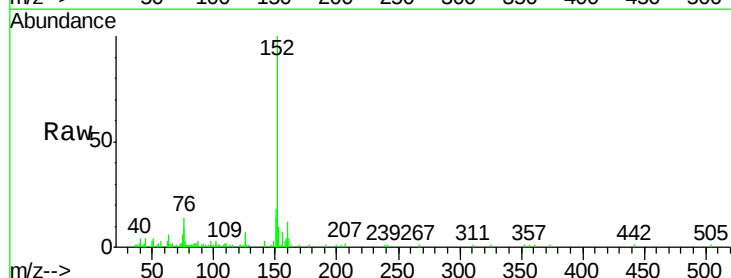
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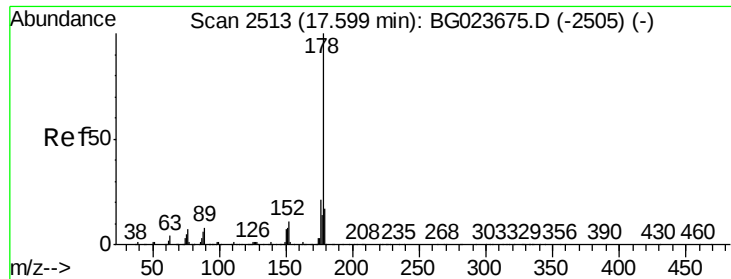
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#47
Acenaphthylene
Concen: 1.09 ng/ul
RT: 14.52 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG023715.D
Acq: 14 Aug 2016 8:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	37957		
151	18.4		17.5	26.3
153	10.4		11.1	16.7#





#69

Phenanthrene

Concen: 4.94 ng/ul m

RT: 17.59 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023715.D

Acq: 14 Aug 2016 8:57

Instrument :

BNA_G

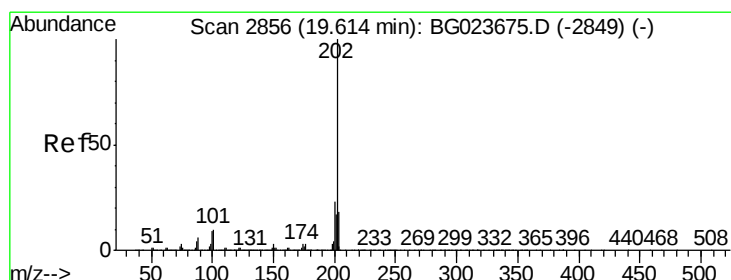
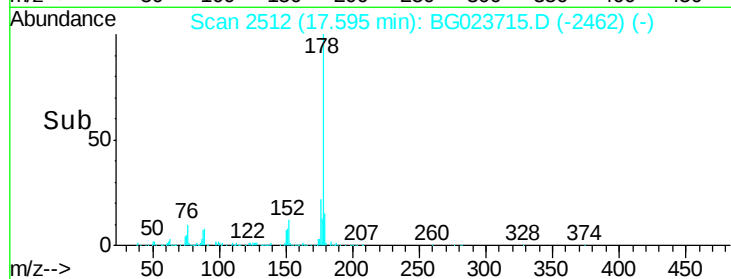
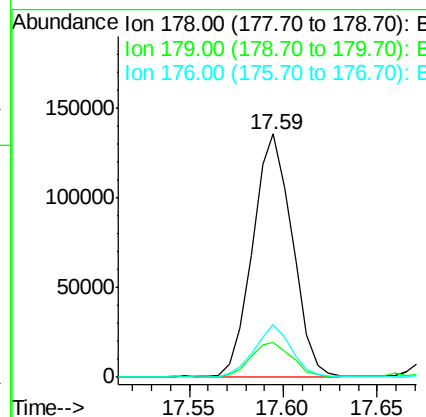
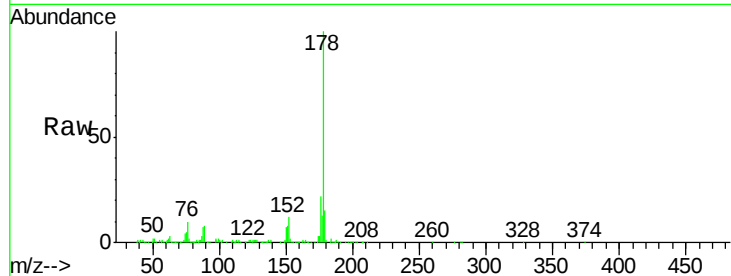
ClientSampleId :

P002-SS004-1218-01DL

Tot Ion:	178	Resp:	198280
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.9	19.3
176	21.8	15.8	23.8

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#74

Fluoranthene

Concen: 11.79 ng/ul m

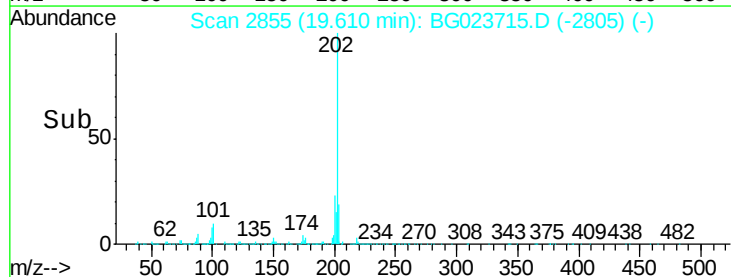
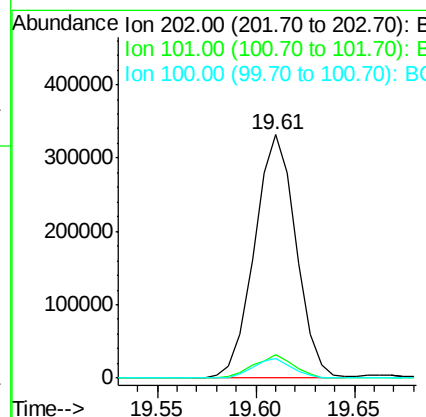
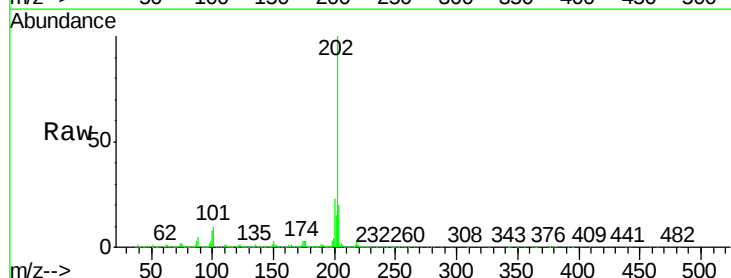
RT: 19.61 min Scan# 2855

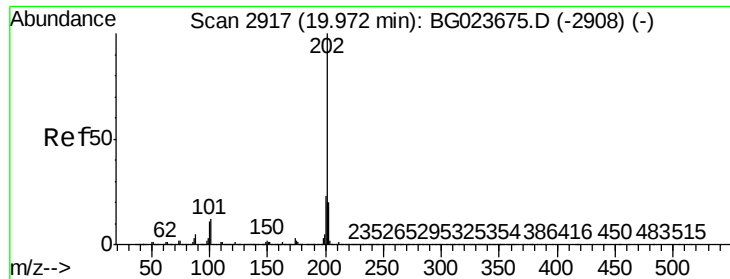
Delta R.T. -0.00 min

Lab File: BG023715.D

Acq: 14 Aug 2016 8:57

Tgt Ion:	202	Resp:	484423
Ion Ratio	Lower	Upper	
202	100		
101	9.8	10.6	16.0#
100	8.1	8.7	13.1#





#77

Pvrene

Concen: 11.27 ng/ul m

RT: 19.97 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG023715.D

Acq: 14 Aug 2016 8:57

Instrument :

BNA_G

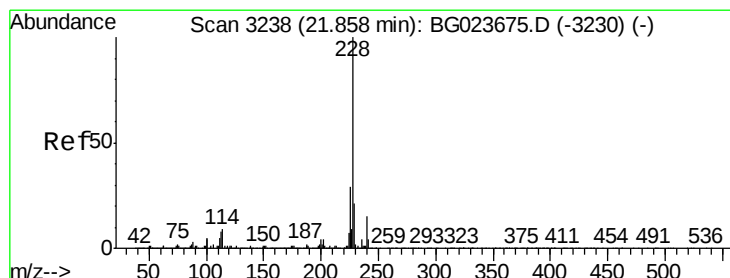
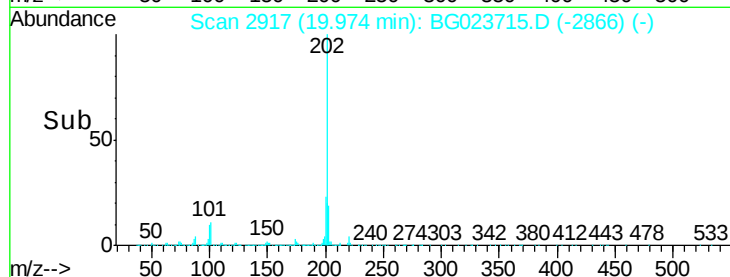
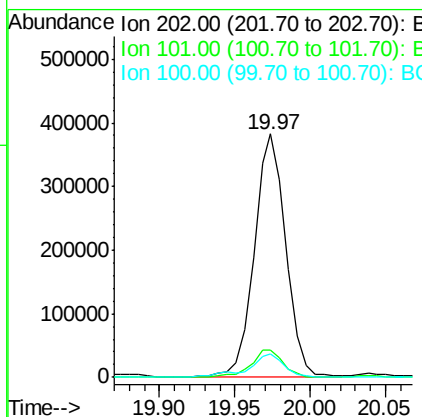
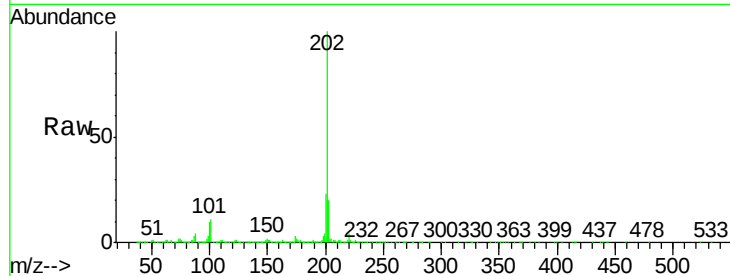
ClientSampleId :

P002-SS004-1218-01DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	566644		
101	11.4	12.5	18.7#	
100	9.6	10.2	15.4#	

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#80

Benzo(a)anthracene

Concen: 7.25 ng/ul

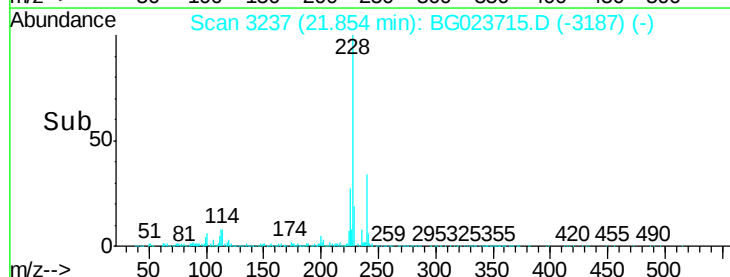
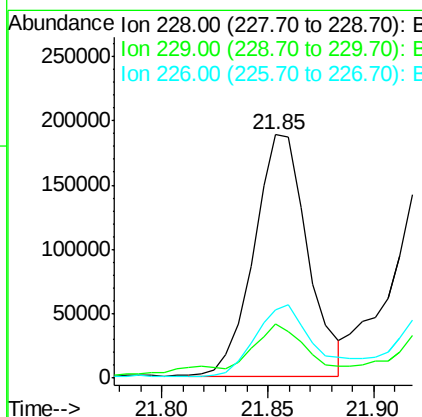
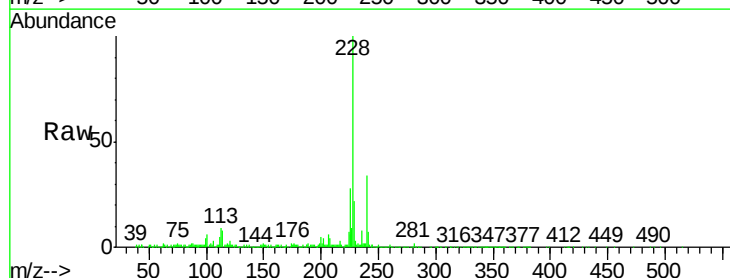
RT: 21.85 min Scan# 3237

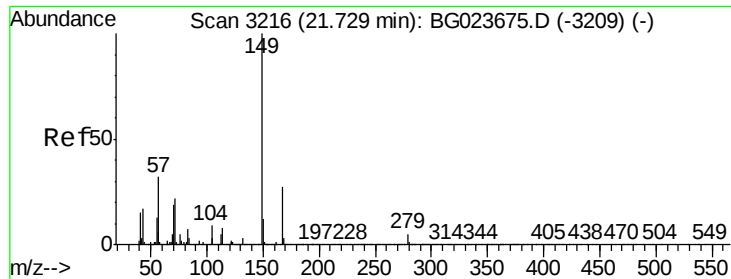
Delta R.T. -0.00 min

Lab File: BG023715.D

Acq: 14 Aug 2016 8:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	332154		
229	22.1	15.4	23.2	
226	28.2	22.8	34.2	





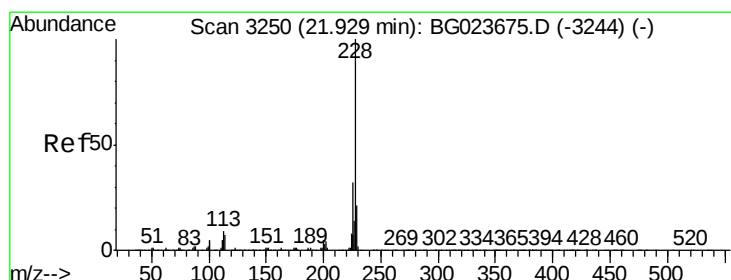
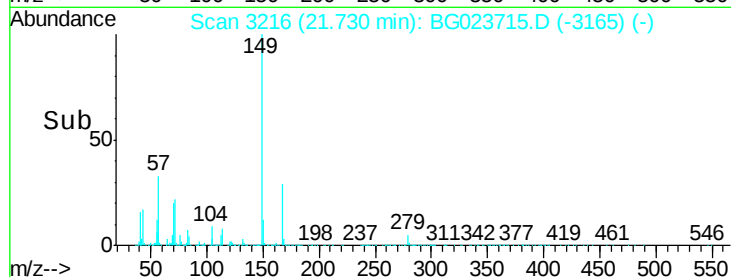
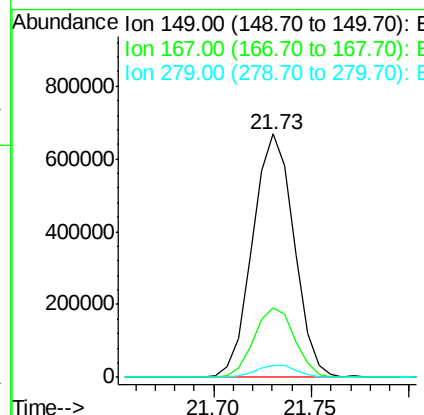
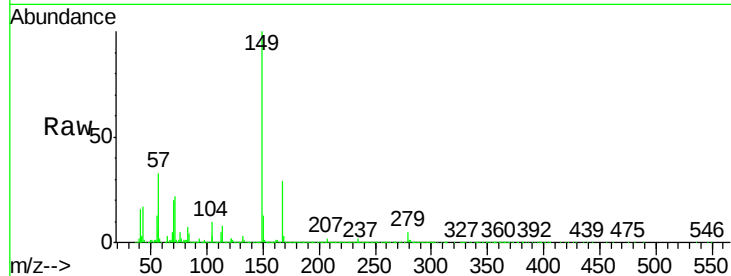
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 38.12 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: BG023715.D
 Acq: 14 Aug 2016 8:57

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS004-1218-01DL

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	28.8	21.9	32.9
279	4.7	2.9	4.3

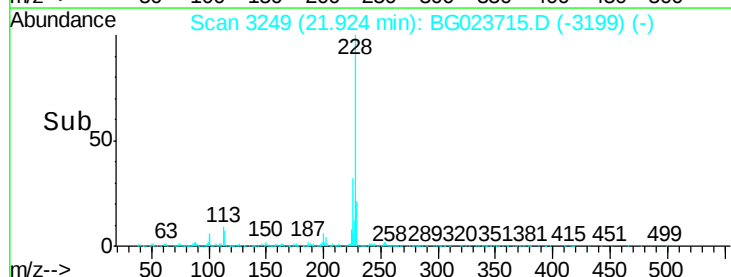
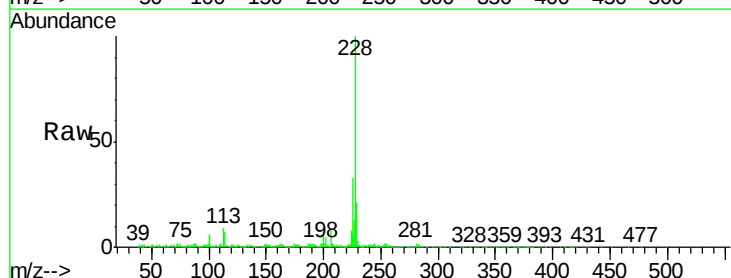
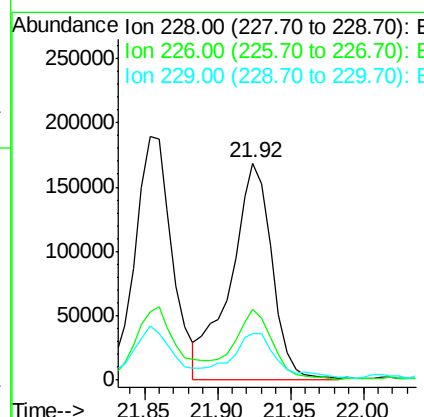
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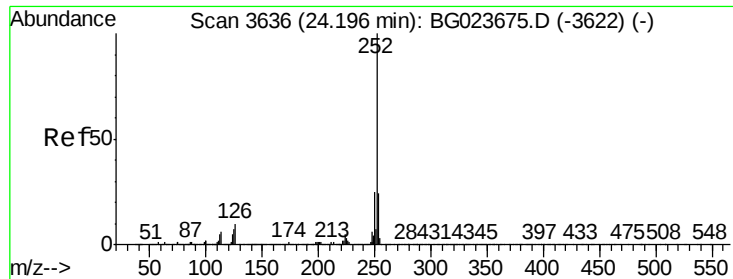
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#82
 Chrysene
 Concen: 7.99 ng/ul m
 RT: 21.92 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG023715.D
 Acq: 14 Aug 2016 8:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.7	24.2	36.4
229	21.5	15.0	22.6





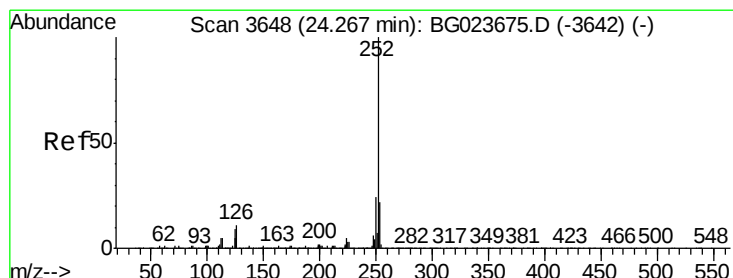
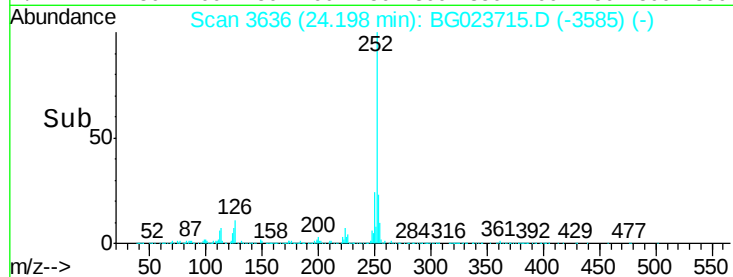
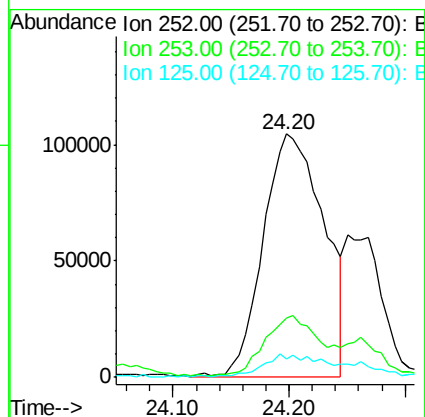
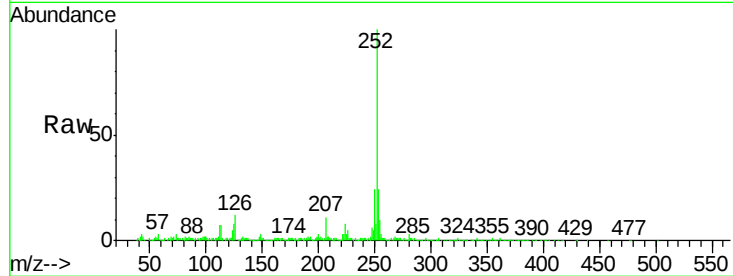
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Benzo(b)fluoranthene
Concen: 8.37 ng/ul m
RT: 24.20 min Scan# 3636
Delta R.T. 0.00 min
Lab File: BG023715.D
Acq: 14 Aug 2016 8:57

Instrument :
BNA_G
ClientSampleId :
P002-SS004-1218-01DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.2	18.2	27.2
125	7.6	10.8	16.2

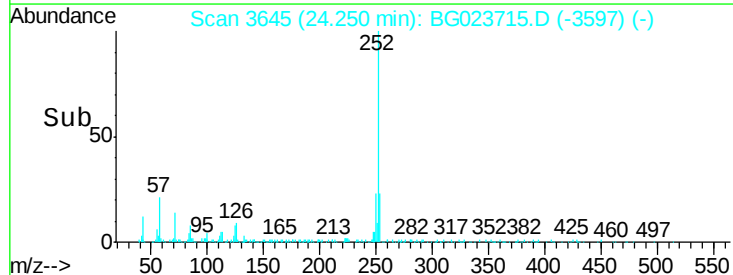
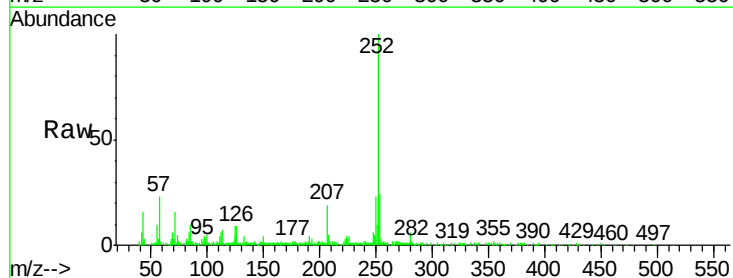
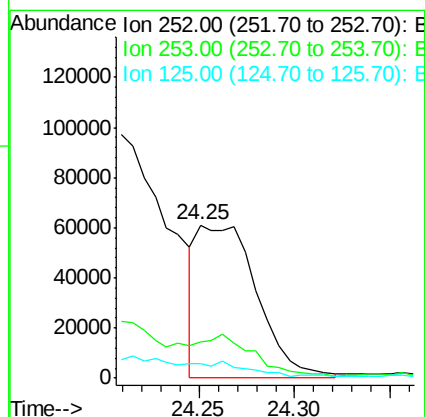
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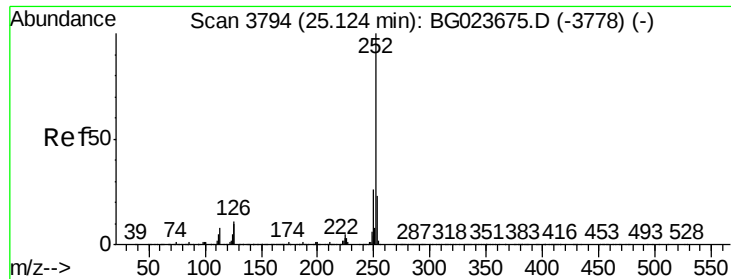
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#86
Benzo(k)fluoranthene
Concen: 2.97 ng/ul m
RT: 24.25 min Scan# 3645
Delta R.T. -0.02 min
Lab File: BG023715.D
Acq: 14 Aug 2016 8:57

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	15.8	23.6
125	9.1	10.6	16.0





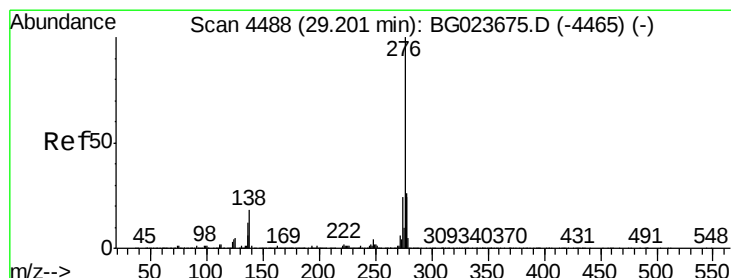
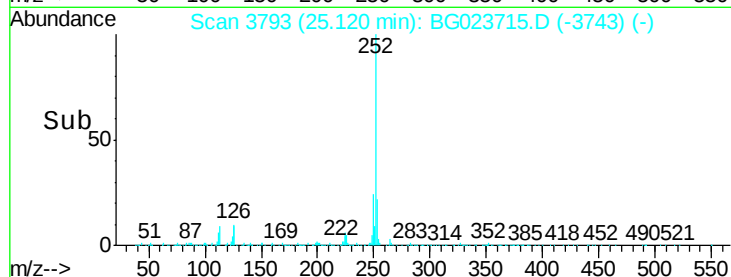
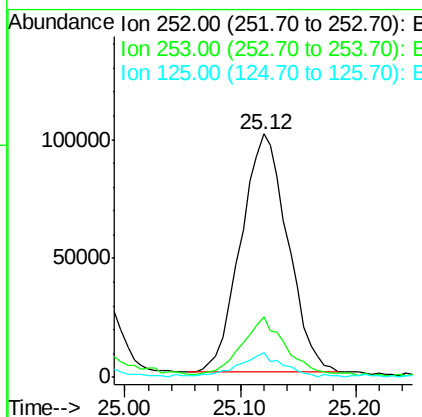
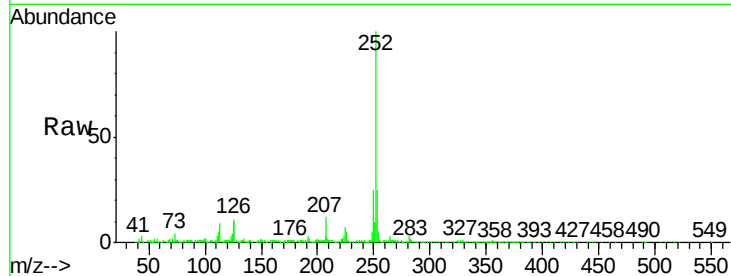
#88
Benzo(a)pyrene
Concen: 6.41 ng/ul
RT: 25.12 min Scan# 3793
Delta R.T. -0.00 min
Lab File: BG023715.D
Acq: 14 Aug 2016 8:57

Instrument :
BNA_G
ClientSampleId :
P002-SS004-1218-01DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	19.0	28.4
125	10.0	12.0	18.0

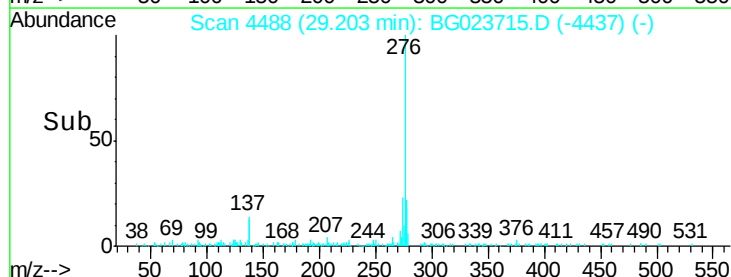
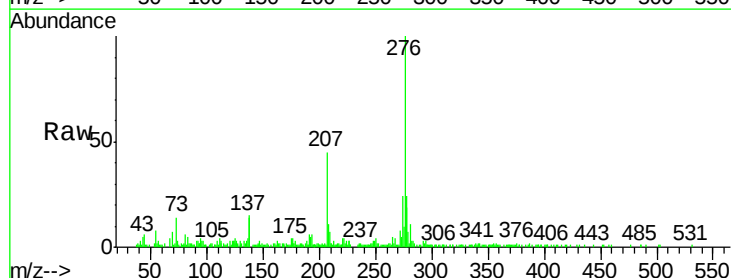
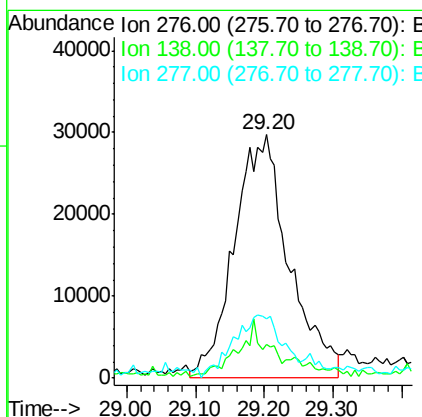
Manual Integrations
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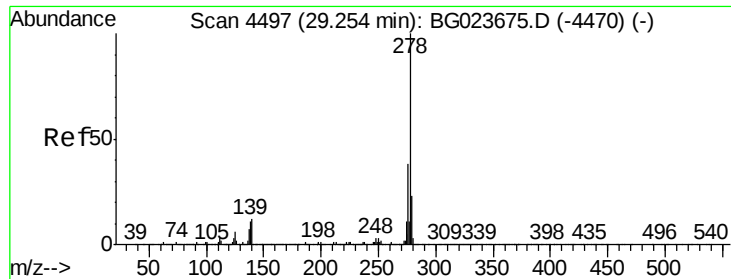
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.18 ng/ul m
RT: 29.20 min Scan# 4488
Delta R.T. 0.00 min
Lab File: BG023715.D
Acq: 14 Aug 2016 8:57

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.9	20.8	31.2
277	24.4	17.6	26.4





#90

Dibenzo(a,h)anthracene

Concen: 1.12 ng/ul m

RT: 29.23 min Scan# 4493

Delta R.T. -0.02 min

Lab File: BG023715.D

Acq: 14 Aug 2016 8:57

Instrument :

BNA_G

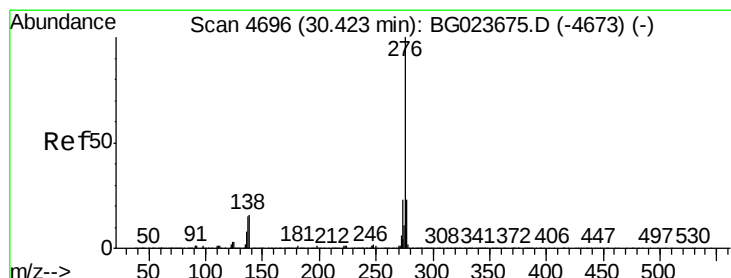
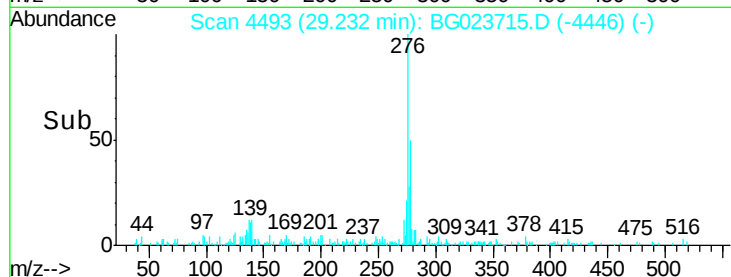
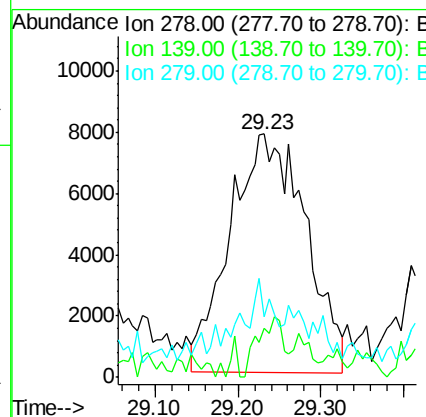
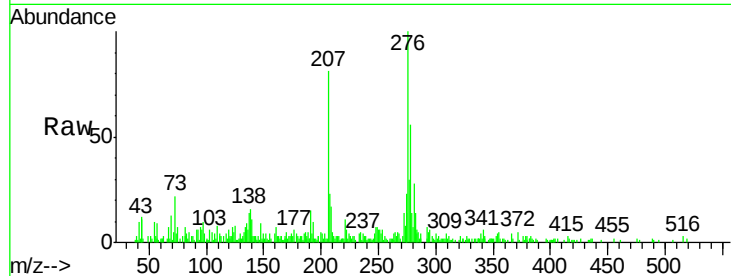
ClientSampleId :

P002-SS004-1218-01DL

Tot Ion:	278	Resp:	49322
Ion Ratio	Lower	Upper	
278	100		
139	19.9	16.3	24.5
279	25.0	19.1	28.7

Manual Integrations
APPROVED

umangi
8/16/2016 7:00:36 PM



#91

Benzo(g,h,i)perylene

Concen: 3.11 ng/ul m

RT: 30.41 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BG023715.D

Acq: 14 Aug 2016 8:57

Tgt Ion:	276	Resp:	133587
Ion Ratio	Lower	Upper	
276	100		
138	15.1	22.1	33.1#
277	26.4	17.0	25.4#

