

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
 Data File : BG018531.D
 Acq On : 29 Aug 2015 2:41
 Operator : UM/MA
 Sample : G3448-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

MMDadoda
 8/31/2015 1:48:04 PM

Quant Time: Aug 31 05:01:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:29:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	81708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	390433	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	250063	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	583976	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	565213	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	556154	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	3331	1.80	ng/uL	0.00
5) Phenol-d5	7.16	99	167292	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	98232	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	120471	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	139757	22.43	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	67755	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	68664	22.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	151742	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	177073	23.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	466249	22.16	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	607206	22.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	83629	22.10	ng/ul	0.00
58) Fluorene-d10	15.63	176	433869	23.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	49022	17.07	ng/ul	0.00
71) Anthracene-d10	17.48	188	659316	23.61	ng/ul	0.00
79) Pyrene-d10	19.76	212	663737	22.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	687628	23.29	ng/ul	0.00

Target Compounds

						Qvalue
32) Caprolactam	11.70	113	6448m	2.60	ng/ul	
45) Dimethylphthalate	14.09	163	224418	10.81	ng/ul	99
70) Phenanthrene	17.42	178	172300	5.44	ng/ul	98
72) Anthracene	17.51	178	45861m	1.42	ng/ul	
77) Fluoranthene	19.43	202	209278	6.18	ng/ul	96
80) Pyrene	19.79	202	165928	4.34	ng/ul	95
83) Benzo(a)anthracene	21.62	228	94525	2.70	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.53	149	41567	1.82	ng/ul#	93
85) Chrysene	21.68	228	88879	2.71	ng/ul	96
88) Benzo(b)fluoranthene	23.82	252	100057	2.86	ng/ul	97
89) Benzo(k)fluoranthene	23.88	252	38706m	1.15	ng/ul	
91) Benzo(a)pyrene	24.68	252	68788	2.07	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.46	276	45628m	1.19	ng/ul	
94) Benzo(g,h,i)perylene	29.58	276	43590m	1.35	ng/ul	

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

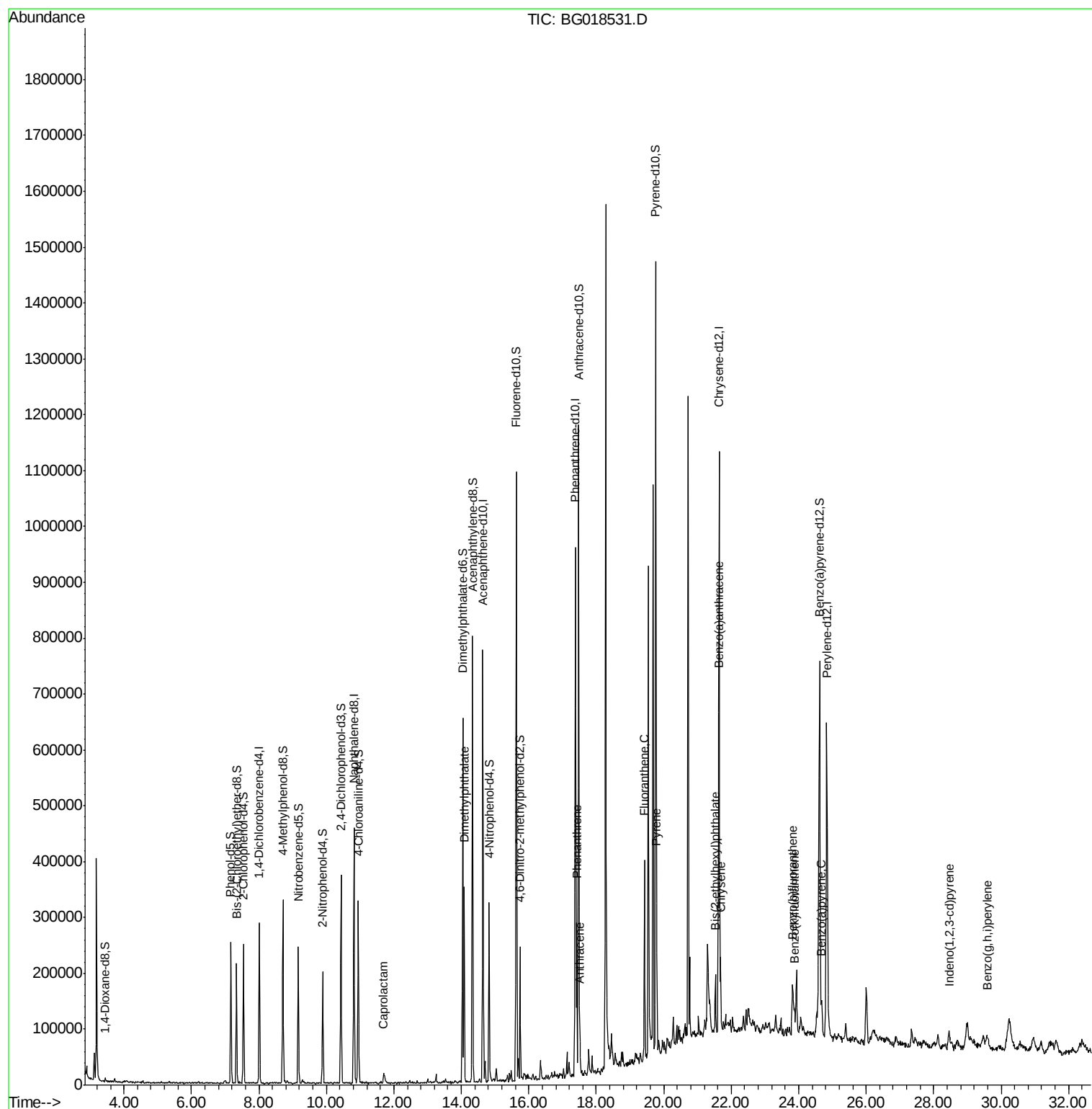
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082815\
Data File : BG018531.D
Acq On : 29 Aug 2015 2:41
Operator : UM/MA
Sample : G3448-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

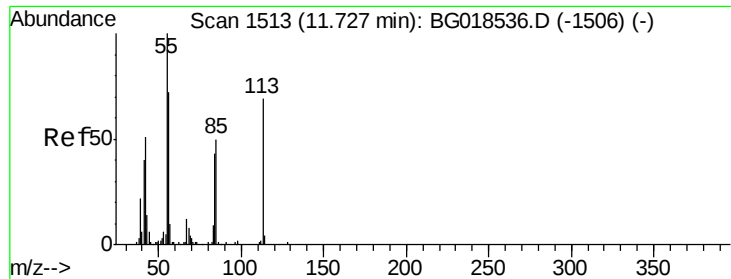
Instrument :
BNA_G
ClientSampleId :
C0AC7

Manual Integrations
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8/31/2015 1:48:04 PM

Quant Time: Aug 31 05:01:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:29:45 2015
Response via : Initial Calibration





#32

Caprolactam

Concen: 2.60 ng/ul m

RT: 11.70 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

Instrument :

BNA_G

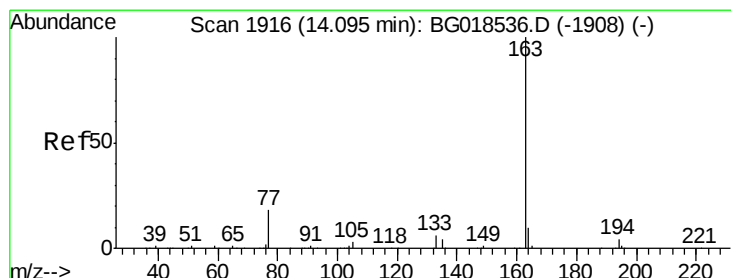
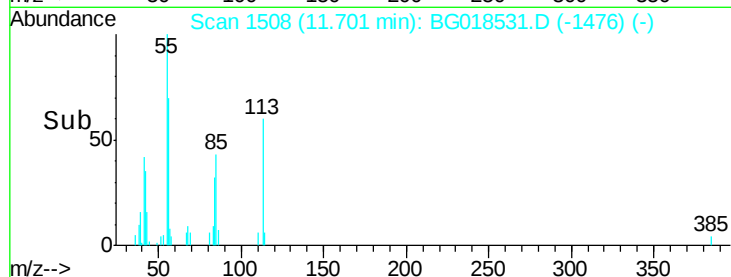
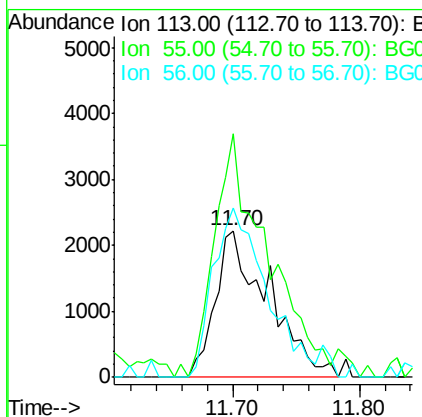
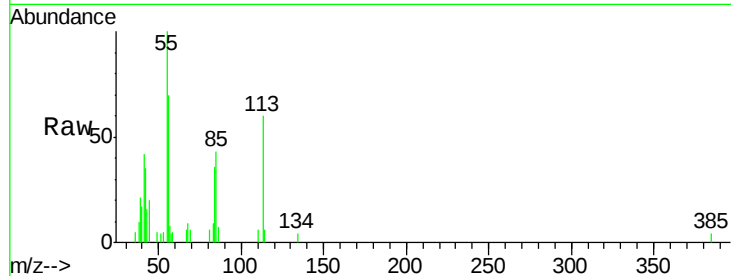
ClientSampleId :

C0AC7

Tgt Ion:	113	Resp:	6448
Ion	Ratio	Lower	Upper
113	100		
55	166.2	124.2	186.4
56	115.7	98.2	147.4

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#45

Dimethylphthalate

Concen: 10.81 ng/ul

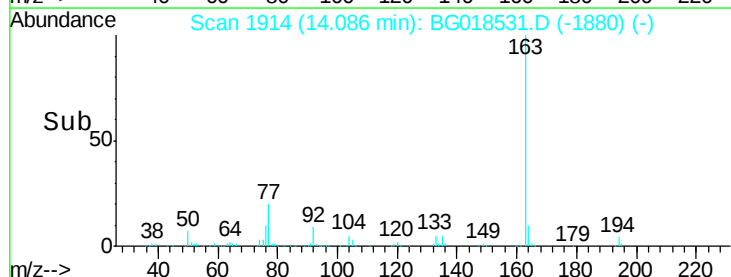
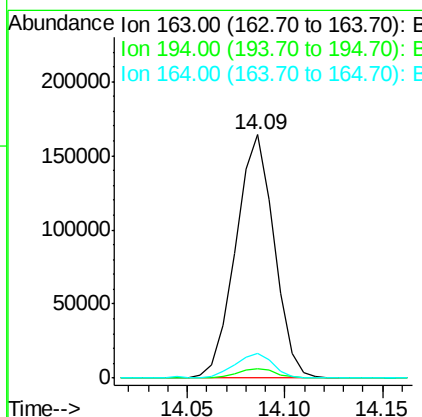
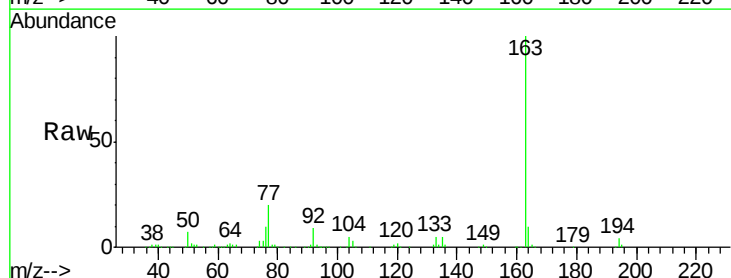
RT: 14.09 min Scan# 1914

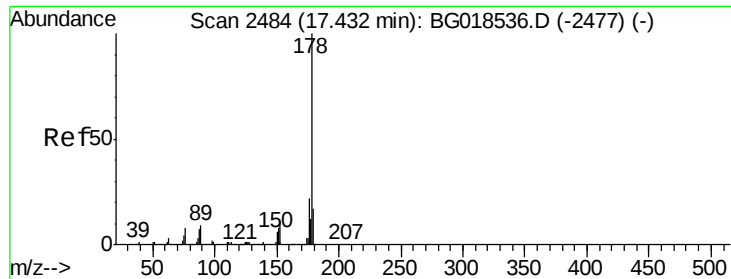
Delta R.T. -0.00 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

Tgt Ion:	163	Resp:	224418
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.2	7.7	11.5





#70

Phenanthrene

Concen: 5.44 ng/ul

RT: 17.42 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

Instrument :

BNA_G

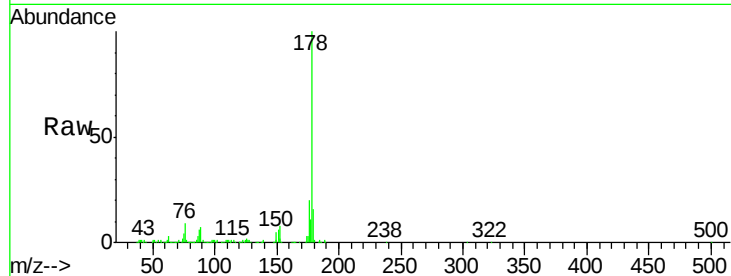
ClientSampleId :

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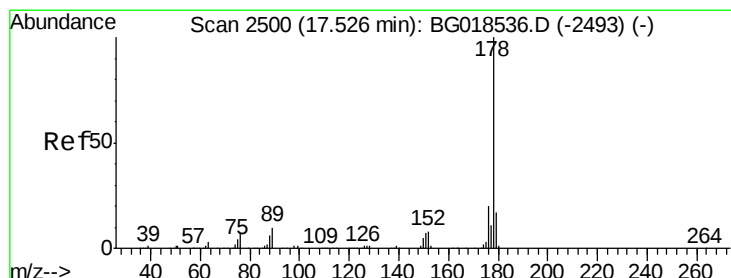
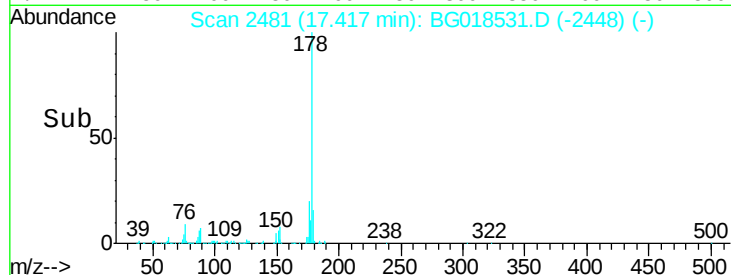
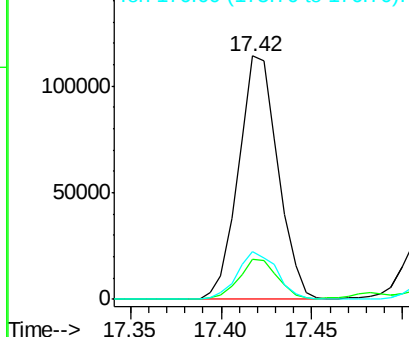
Tgt Ion:	178	Resp:	172300
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.7	20.5
176	19.6	16.6	24.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.42 ng/ul m

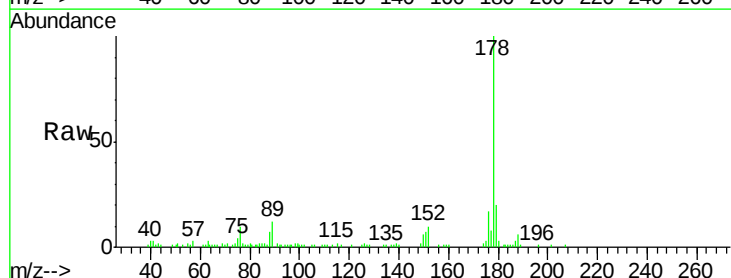
RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

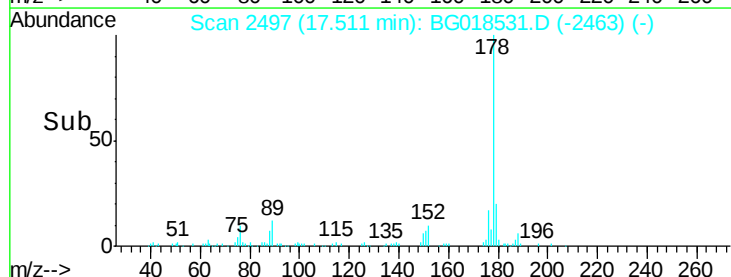
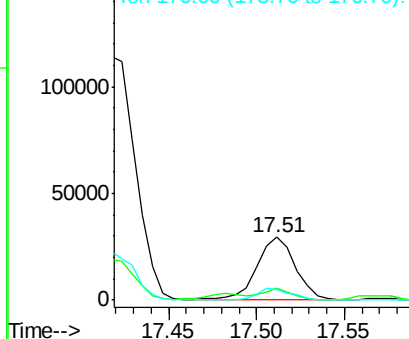
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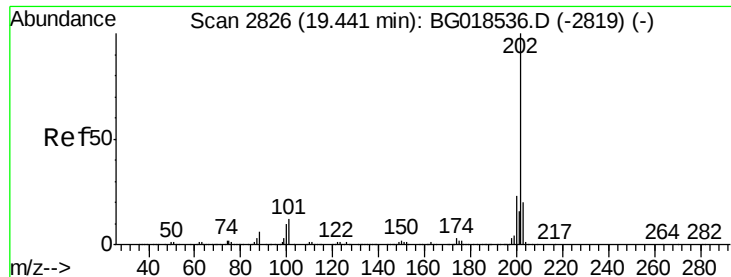
Acq: 29 Aug 2015 2:41

Tgt Ion:	178	Resp:	45861
Ion Ratio	Lower	Upper	
178	100		
179	19.5	13.0	19.4#
176	16.6	16.0	24.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





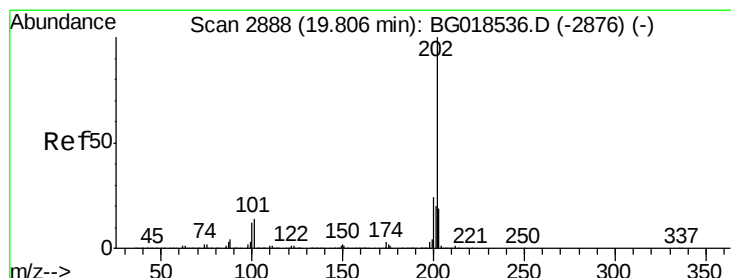
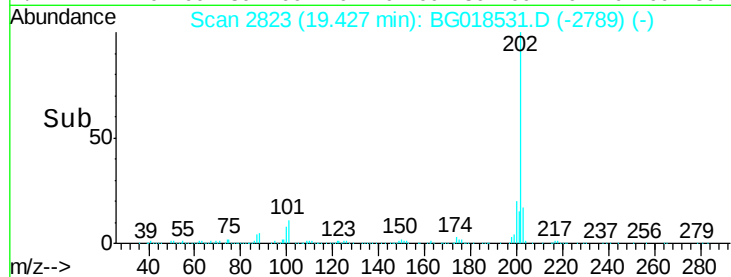
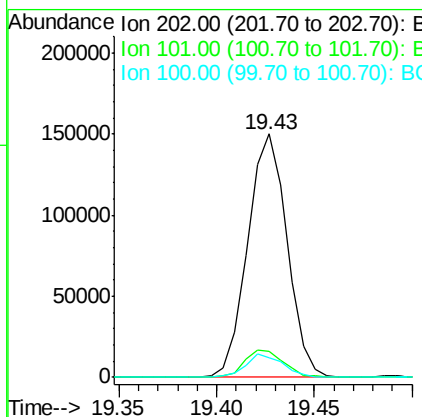
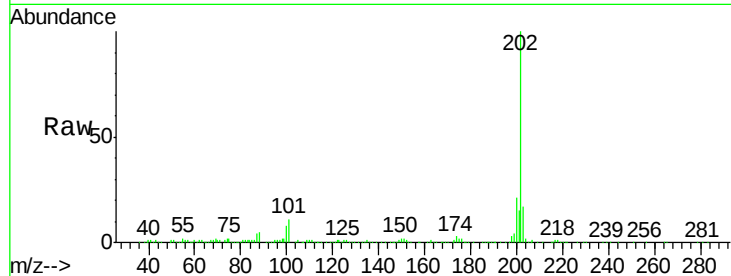
#77
Fluoranthene
Concen: 6.18 ng/ul
RT: 19.43 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG018531.D
Acq: 29 Aug 2015 2:41

Instrument :
BNA_G
ClientSampleId :
C0AC7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.9	9.7	14.5
100	7.9	7.8	11.8

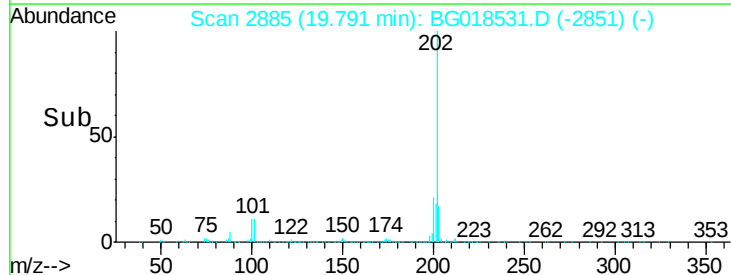
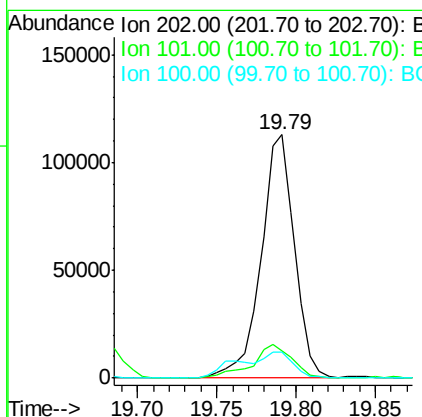
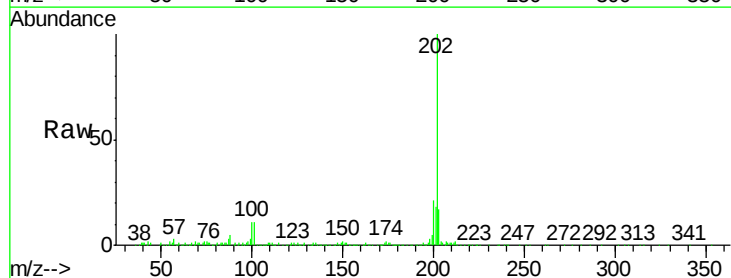
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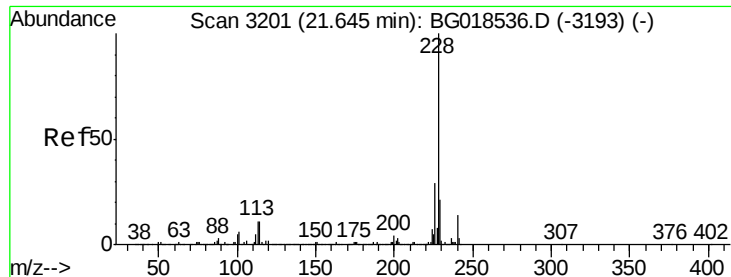
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#80
Pyrene
Concen: 4.34 ng/ul
RT: 19.79 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG018531.D
Acq: 29 Aug 2015 2:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	11.0	16.4
100	10.8	9.8	14.6





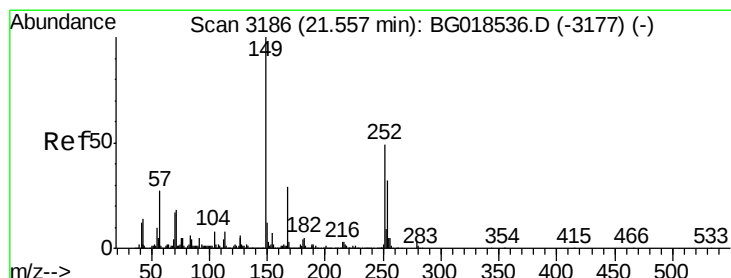
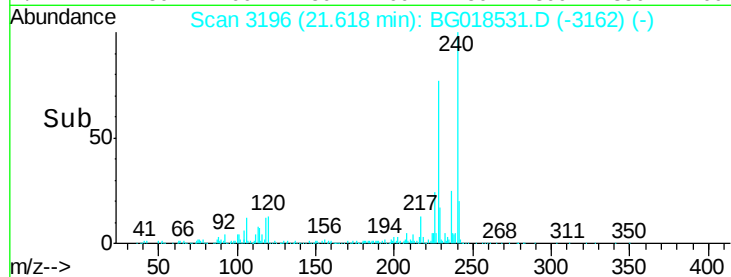
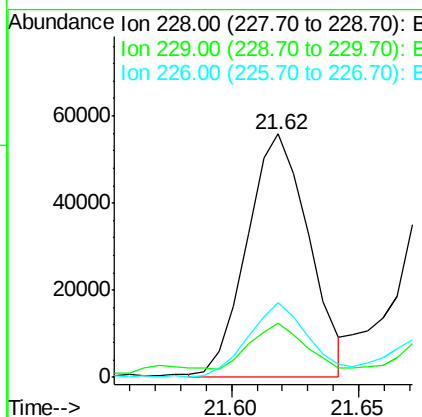
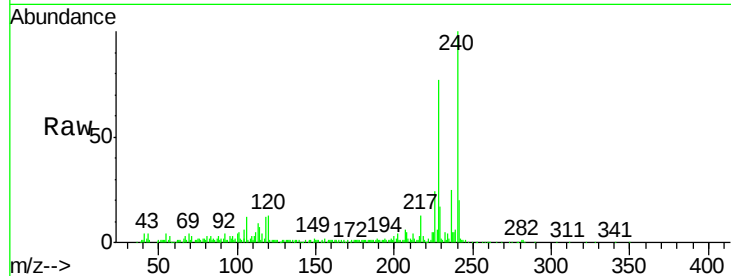
#83
 Benzo(a)anthracene
 Concen: 2.70 ng/ul
 RT: 21.62 min Scan# 3196
 Delta R.T. -0.00 min
 Lab File: BG018531.D
 Acq: 29 Aug 2015 2:41

Instrument :
 BNA_G
 ClientSampleId :
 C0AC7

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	22.0	15.5	23.3	
226	30.6	22.1	33.1	

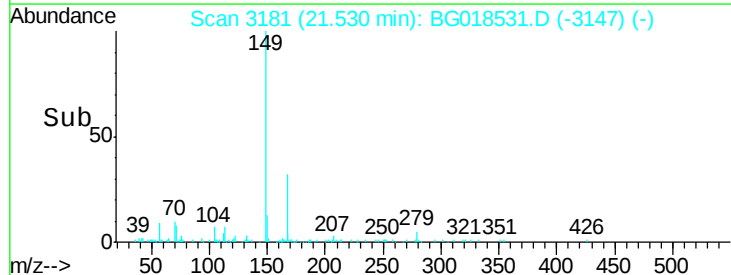
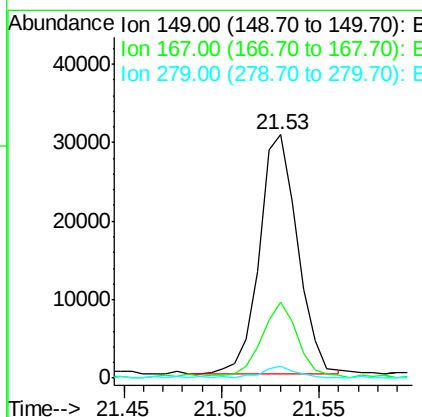
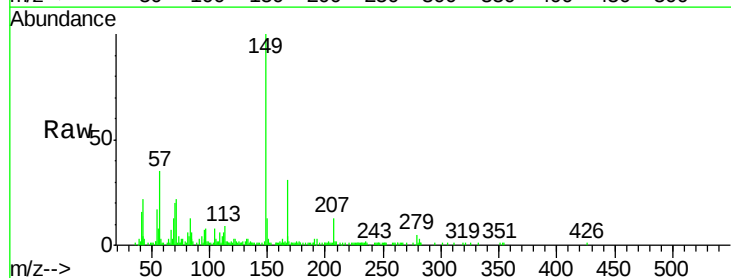
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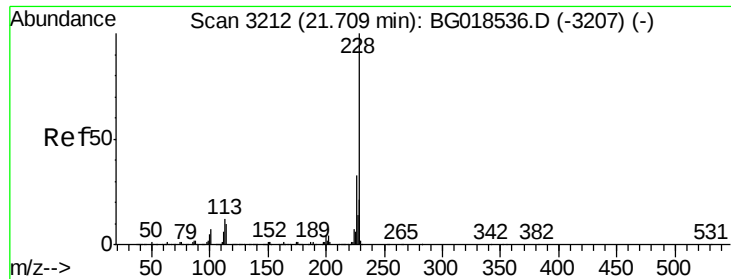
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.82 ng/ul
 RT: 21.53 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: BG018531.D
 Acq: 29 Aug 2015 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	31.2	22.2	33.2	
279	5.0	2.8	4.2#	





#85

Chrysene

Concen: 2.71 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

Instrument :

BNA_G

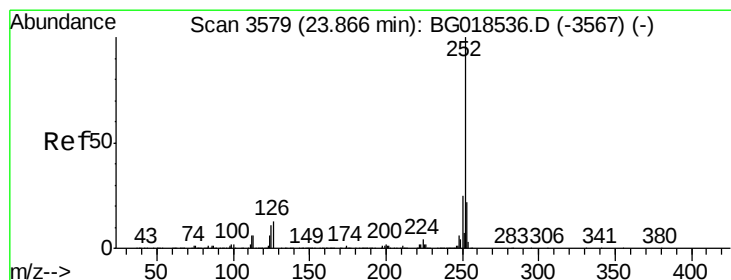
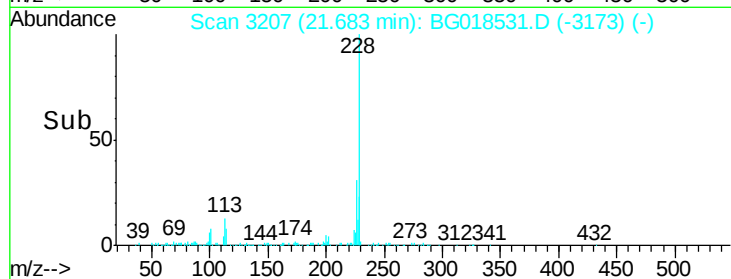
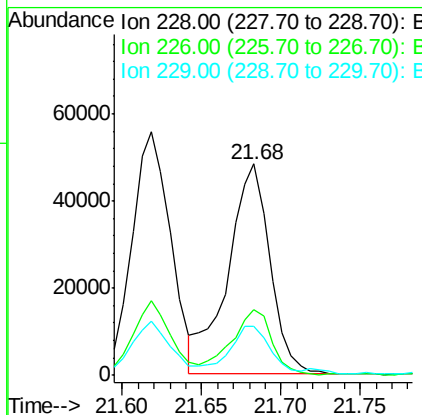
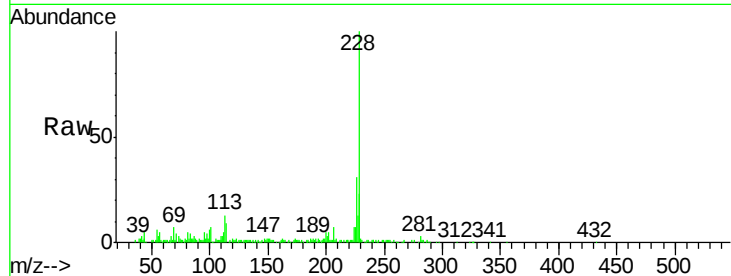
ClientSampleId :

C0AC7

Tgt Ion:	228	Resp:	88879
Ion Ratio	Lower	Upper	
228	100		
226	31.3	26.5	39.7
229	23.4	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 2.86 ng/ul

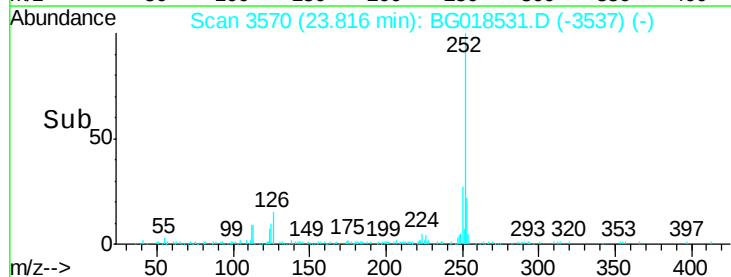
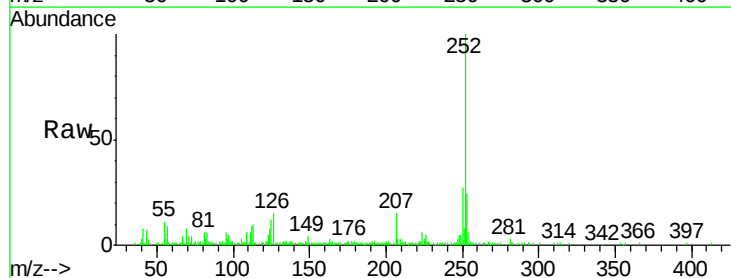
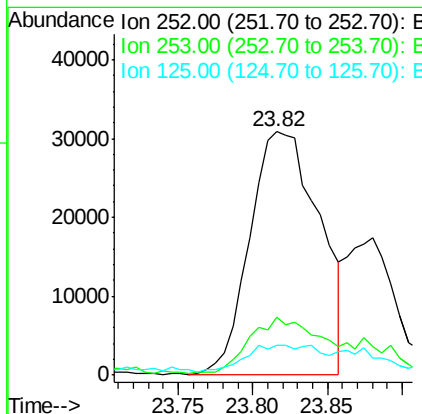
RT: 23.82 min Scan# 3570

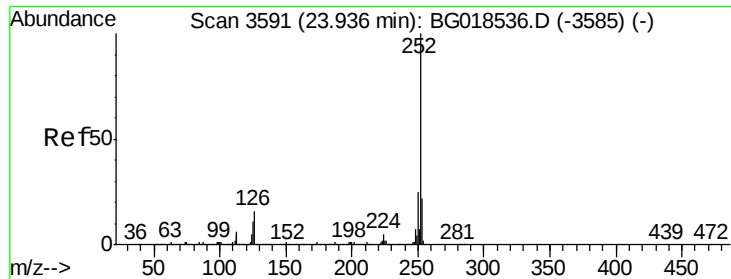
Delta R.T. -0.01 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

Tgt Ion:	252	Resp:	100057
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.1	27.1
125	12.0	8.3	12.5





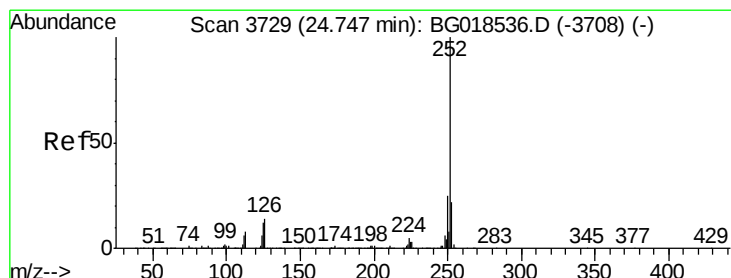
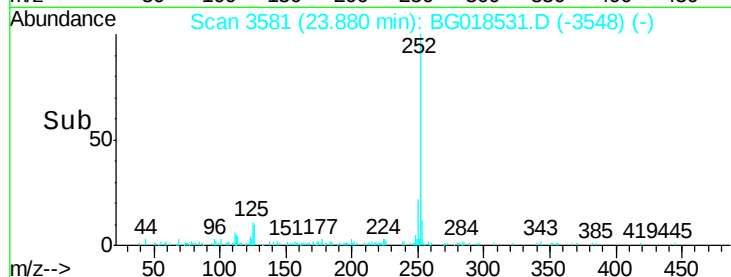
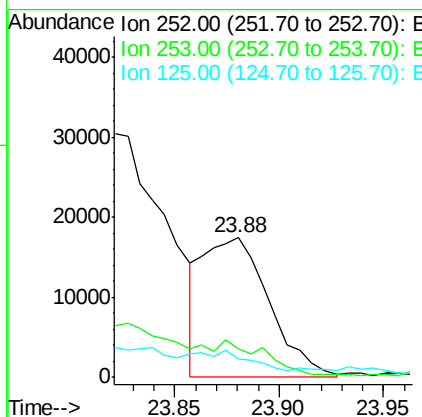
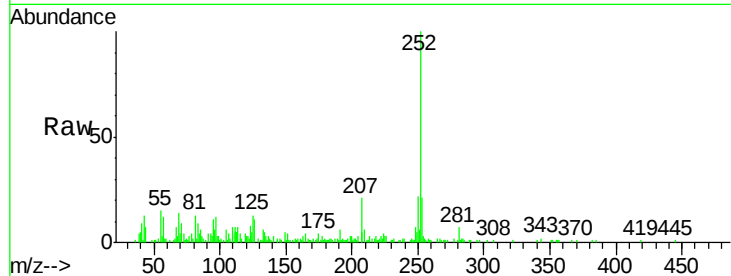
#89
Benzo(k)fluoranthene
Concen: 1.15 ng/ul m
RT: 23.88 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BG018531.D
Acq: 29 Aug 2015 2:41

Instrument :
BNA_G
ClientSampleId :
C0AC7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.6
125	12.8	9.0	13.4

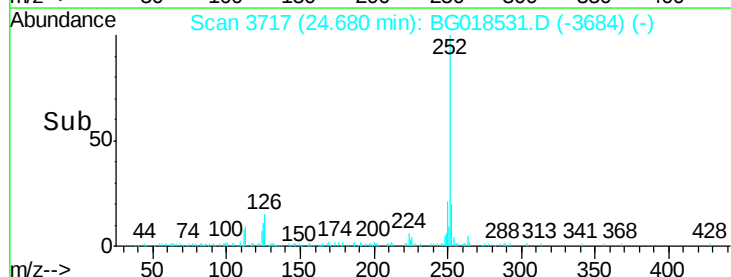
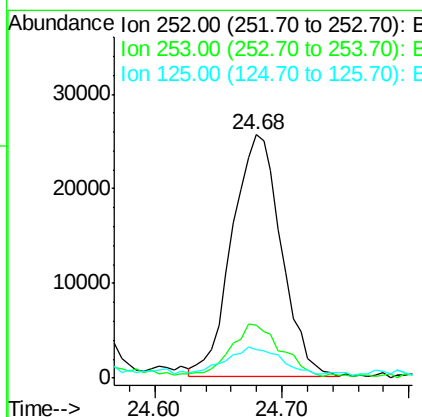
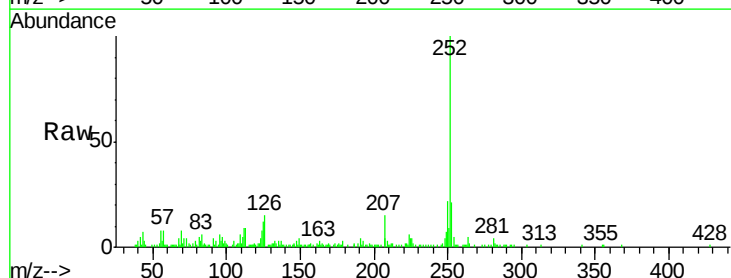
Manual Integrations
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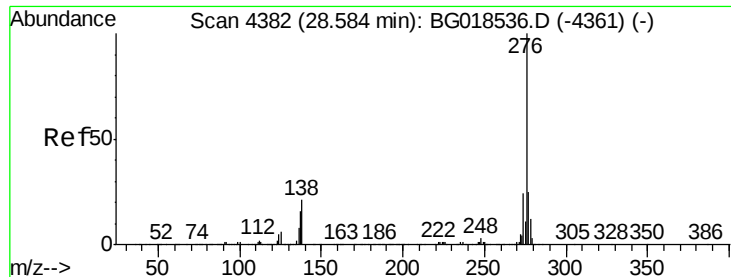
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#91
Benzo(a)pyrene
Concen: 2.07 ng/ul
RT: 24.68 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG018531.D
Acq: 29 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	11.7	10.2	15.2





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.19 ng/ul m

RT: 28.46 min Scan# 4361

Delta R.T. -0.00 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

Instrument :

BNA_G

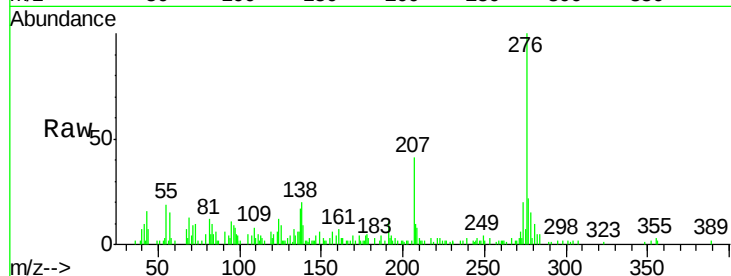
ClientSampleId :

C0AC7

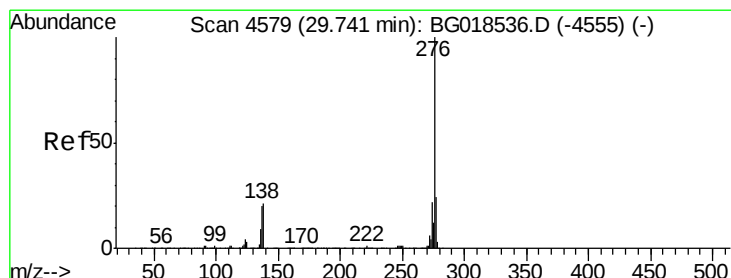
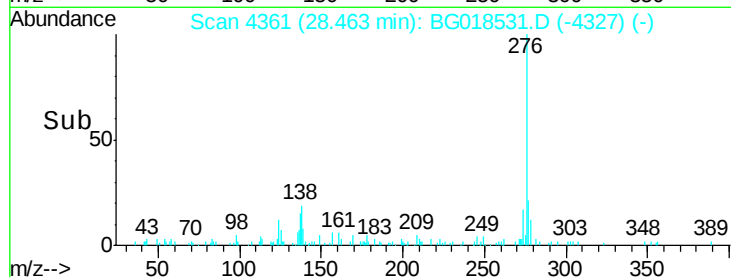
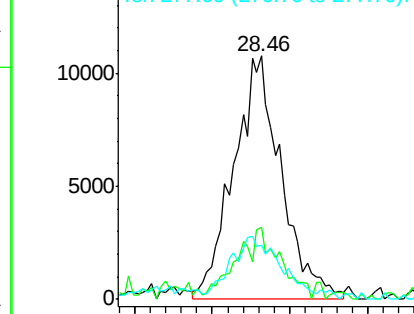
Tgt Ion:	276	Resp:	45628
Ion Ratio		Lower	Upper
276	100		
138	20.1	15.8	23.6
277	22.4	18.9	28.3

Manual Integrations
APPROVED

MMDadoda
8/31/2015 1:48:04 PM



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



#94

Benzo(g,h,i)perylene

Concen: 1.35 ng/ul m

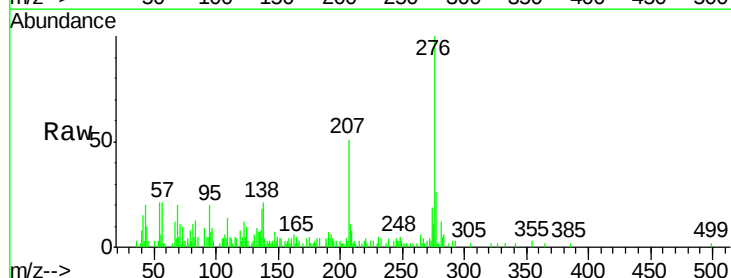
RT: 29.58 min Scan# 4551

Delta R.T. -0.04 min

Lab File: BG018531.D

Acq: 29 Aug 2015 2:41

Tgt Ion:	276	Resp:	43590
Ion Ratio		Lower	Upper
276	100		
138	21.5	16.5	24.7
277	25.6	19.0	28.6



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

