

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081015\
 Data File : BG018367.D
 Acq On : 10 Aug 2015 23:28
 Operator : UM/MA
 Sample : G3109-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Manual Integrations
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 8/11/2015 9:13:25 AM

Quant Time: Aug 14 02:59:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	134248	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	608127	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	375666	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.40	188	803808	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	709945	20.00	ng/ul	0.01
86) Perylene-d12	24.91	264	735814	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	6787	2.23	ng/uL	0.00
5) Phenol-d5	7.20	99	172186	14.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	125796	16.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	138154	14.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	63771	6.23	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	80264	16.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	83099	17.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	141645	13.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	28171	2.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	511415	16.18	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	614799	15.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	63429	11.16	ng/ul	0.00
58) Fluorene-d10	15.65	176	422797	15.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	40358	10.21	ng/ul	0.00
71) Anthracene-d10	17.50	188	571997	14.88	ng/ul	0.00
79) Pyrene-d10	19.79	212	563960	15.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	551611	14.12	ng/ul	0.03

Target Compounds

						Qvalue
34) 2-Methylnaphthalene	12.50	142	28448	1.22	ng/ul	88
45) Dimethylphthalate	14.11	163	196590	6.31	ng/ul#	98
59) Fluorene	15.70	166	37787	1.20	ng/ul#	96
70) Phenanthrene	17.45	178	449938	10.32	ng/ul	97
72) Anthracene	17.54	178	109995	2.47	ng/ul	98
77) Fluoranthene	19.46	202	835514	17.94	ng/ul	99
80) Pyrene	19.82	202	703700	14.66	ng/ul	98
83) Benzo(a)anthracene	21.66	228	396951	9.02	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.57	149	102351	3.57	ng/ul#	93
85) Chrysene	21.72	228	418938	10.18	ng/ul	98
88) Benzo(b)fluoranthene	23.88	252	554703	12.00	ng/ul#	93
89) Benzo(k)fluoranthene	23.94	252	203345m	4.57	ng/ul	
91) Benzo(a)pyrene	24.75	252	375608	8.55	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.58	276	258857	5.09	ng/ul	96
94) Benzo(g,h,i)perylene	29.73	276	255703	5.99	ng/ul	95

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

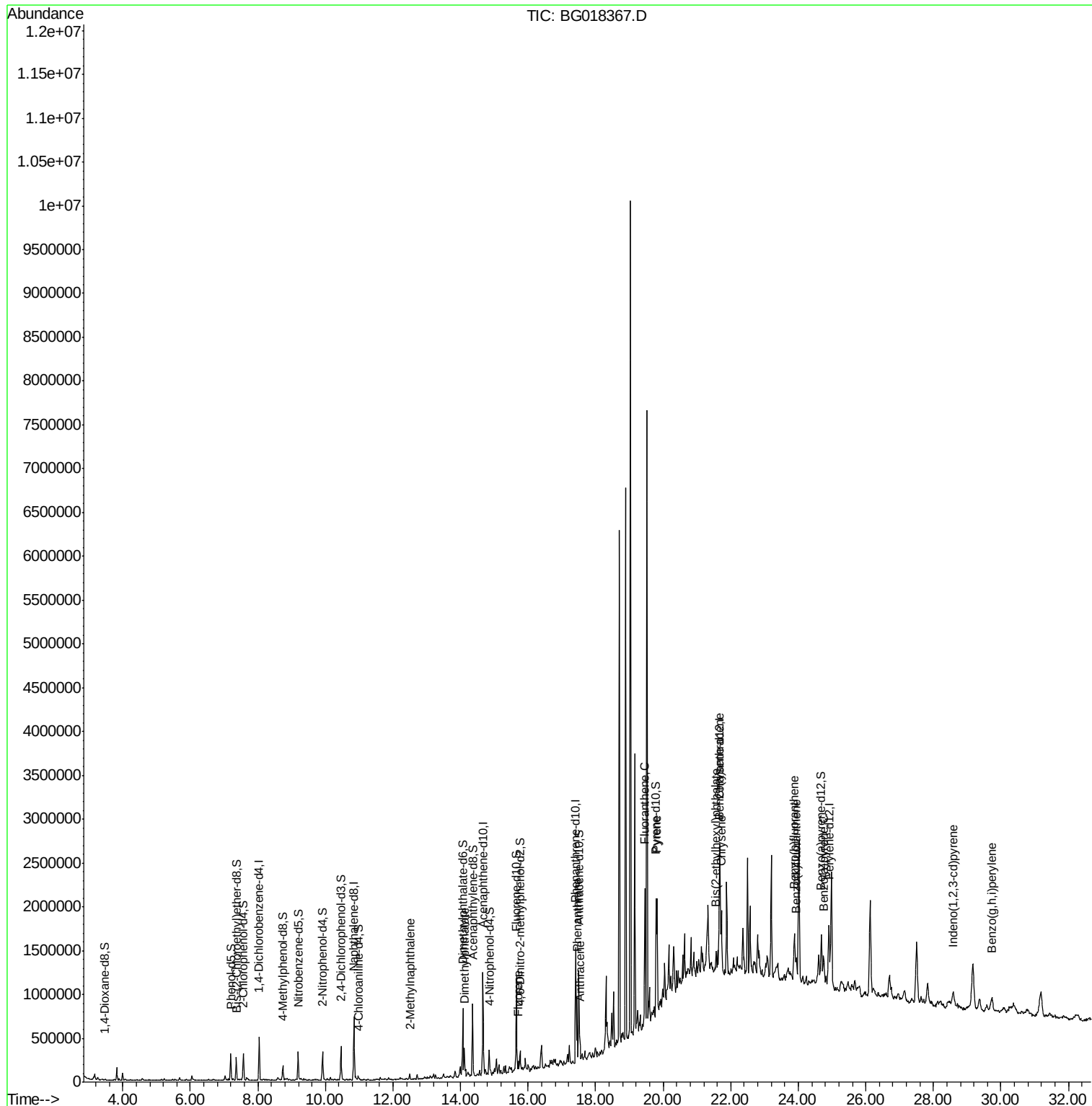
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081015\
Data File : BG018367.D
Acq On : 10 Aug 2015 23:28
Operator : UM/MA
Sample : G3109-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

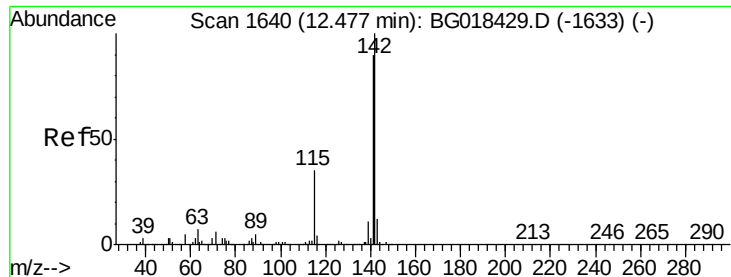
Instrument :
BNA_G
ClientSampleId :
C02K4

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Quant Time: Aug 14 02:59:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration





#34

2-Methylnaphthalene

Concen: 1.22 ng/ul

RT: 12.50 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

Instrument :

BNA_G

ClientSampleId :

C02K4

Tgt Ion:142 Resp: 28448

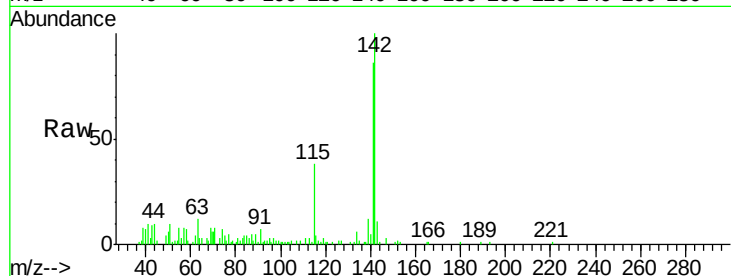
Ion Ratio Lower Upper

142 100

141 85.5 78.0 117.0

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

20000

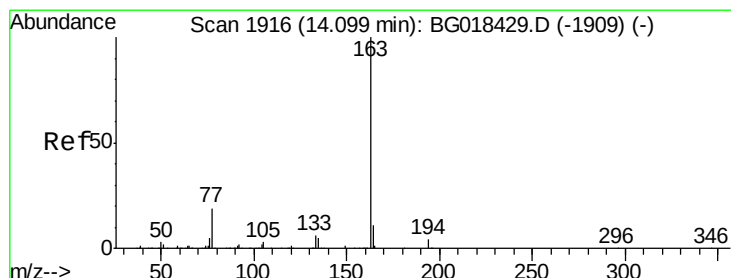
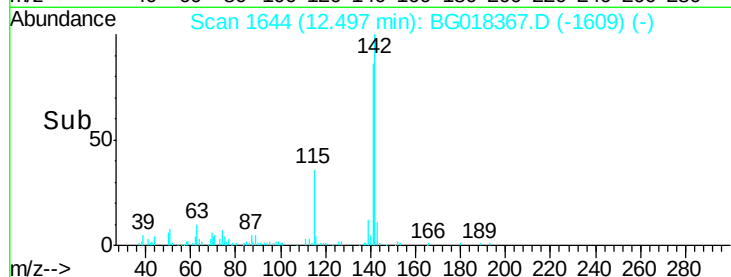
15000

10000

5000

0

Time-->



#45

Dimethylphthalate

Concen: 6.31 ng/ul

RT: 14.11 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

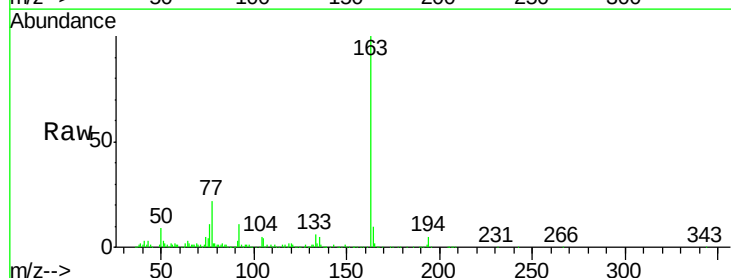
Tgt Ion:163 Resp: 196590

Ion Ratio Lower Upper

163 100

194 4.9 2.9 4.3#

164 9.9 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

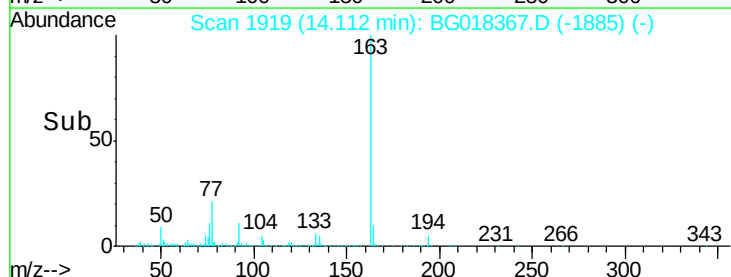
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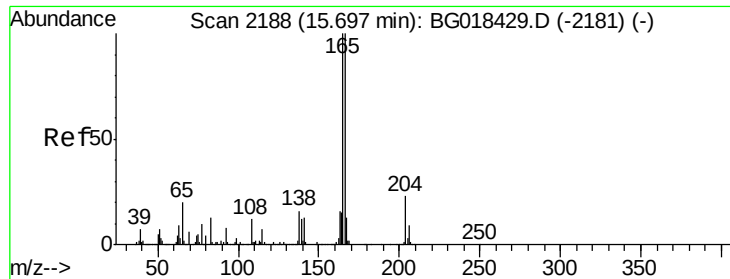
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50000

0

Time-->





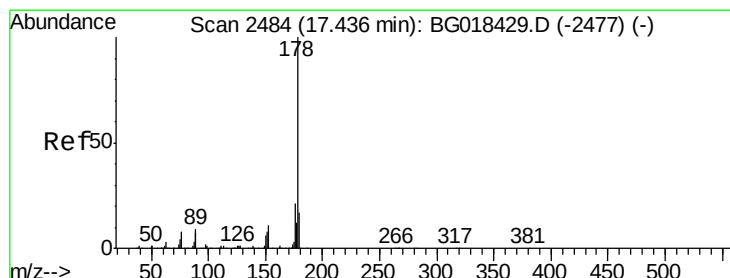
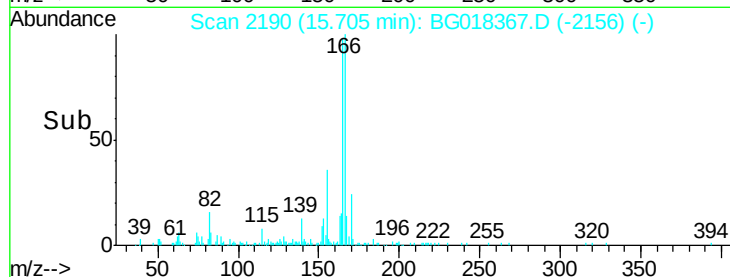
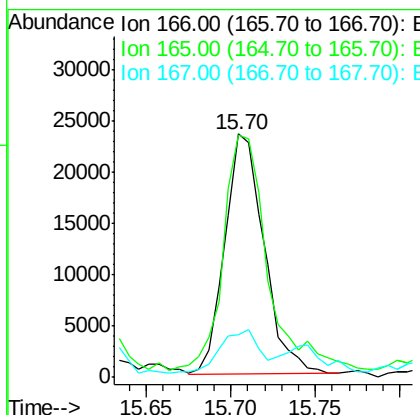
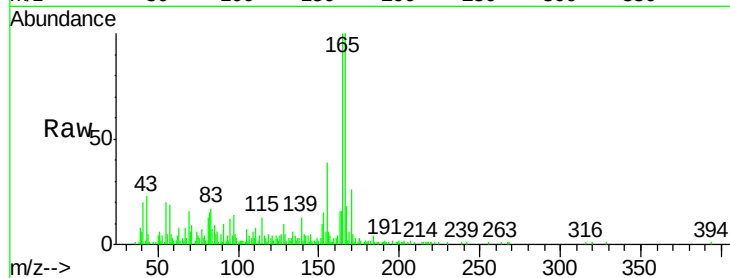
#59
 Fluorene
 Concen: 1.20 ng/ul
 RT: 15.70 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG018367.D
 Acq: 10 Aug 2015 23:28

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	37787		
165	99.8	82.6	124.0	
167	17.7	11.4	17.0#	

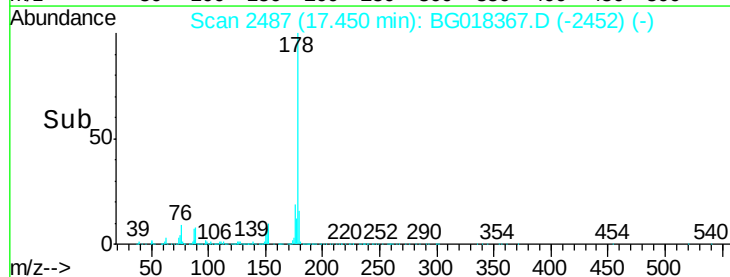
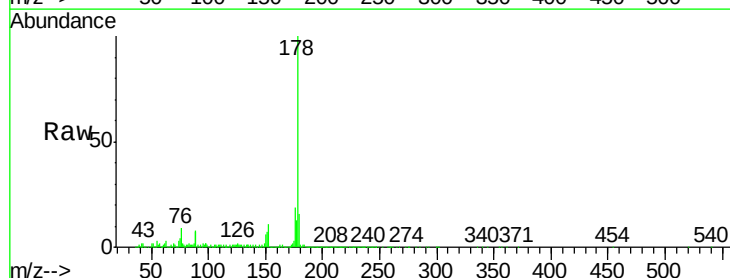
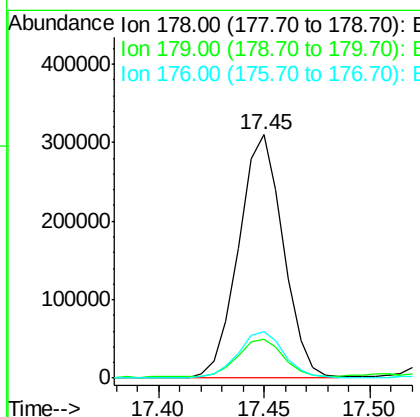
Manual Integrations
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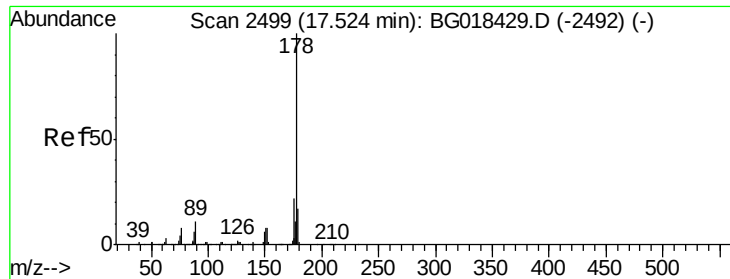
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#70
 Phenanthrene
 Concen: 10.32 ng/ul
 RT: 17.45 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BG018367.D
 Acq: 10 Aug 2015 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	449938		
179	15.9	13.7	20.5	
176	19.1	16.6	24.8	





#72

Anthracene

Concen: 2.47 ng/ul

RT: 17.54 min Scan# 2502

Delta R.T. 0.00 min

Lab File: BG018367.D

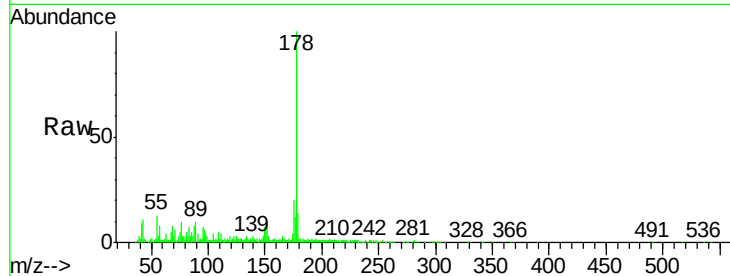
Acq: 10 Aug 2015 23:28

Instrument :

BNA_G

ClientSampleId :

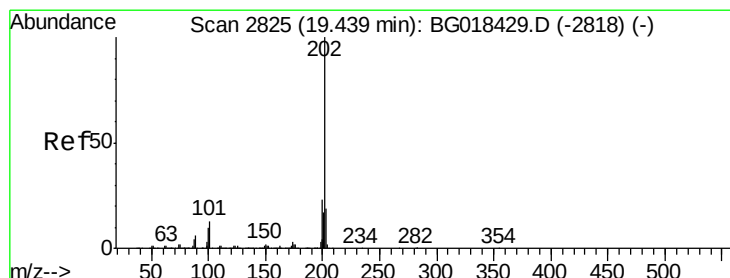
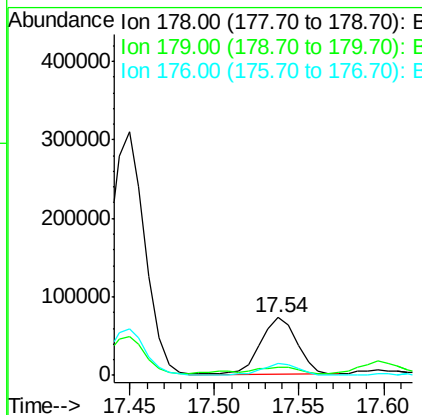
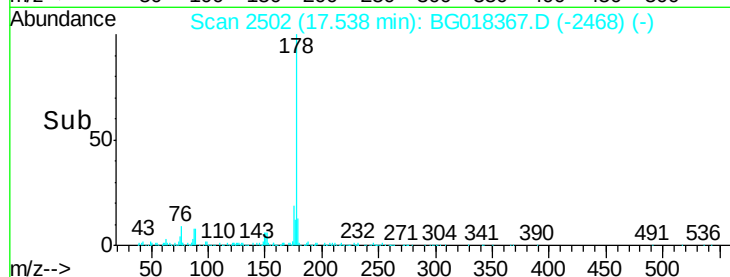
C02K4



Tgt Ion	Ratio	Resp	Lower	Upper
178	100	109995		
179	14.4	13.0	19.4	
176	19.8	16.0	24.0	

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#77

Fluoranthene

Concen: 17.94 ng/ul

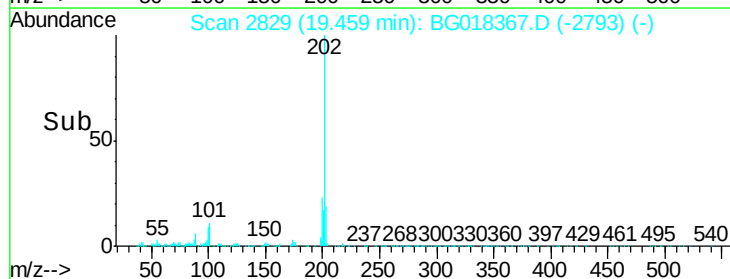
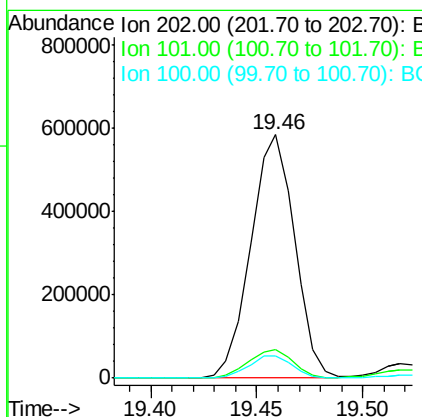
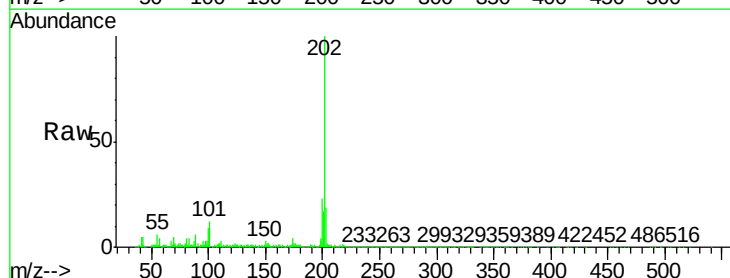
RT: 19.46 min Scan# 2829

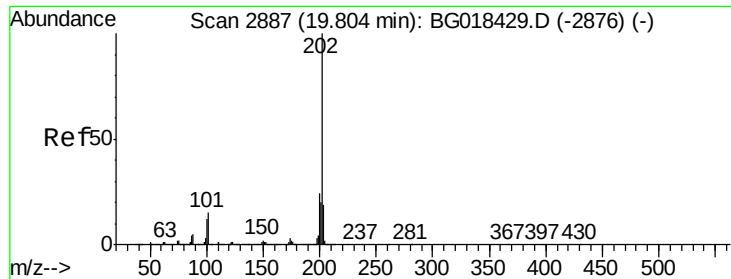
Delta R.T. 0.01 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	835514		
101	11.8	9.7	14.5	
100	9.2	7.8	11.8	





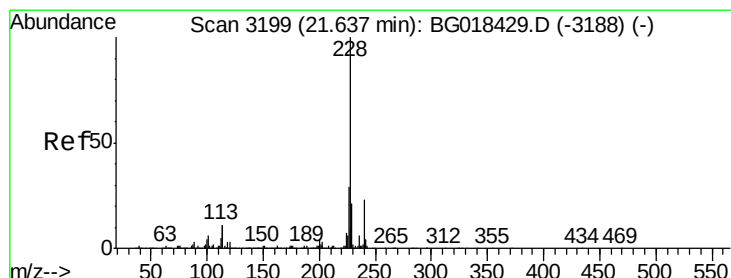
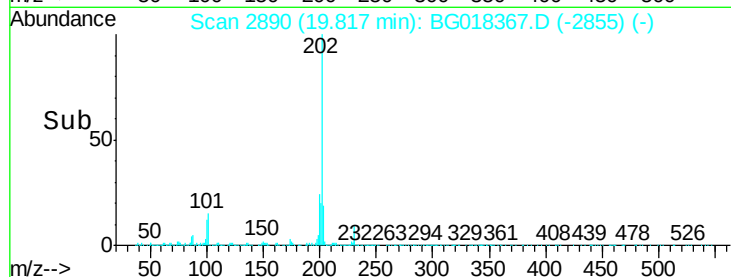
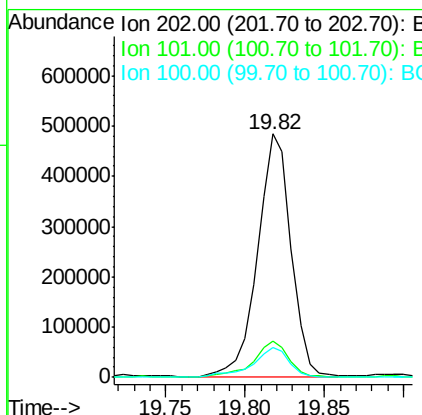
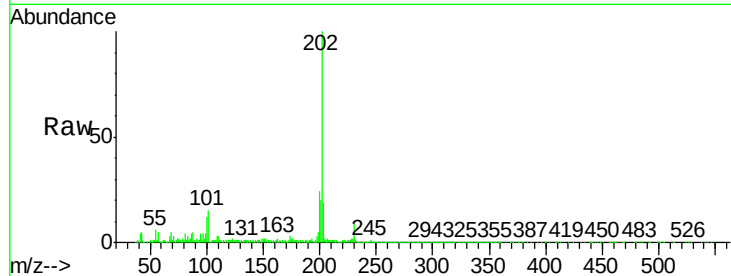
#80
 Pyrene
 Concen: 14.66 ng/ul
 RT: 19.82 min Scan# 2890
 Delta R.T. 0.01 min
 Lab File: BG018367.D
 Acq: 10 Aug 2015 23:28

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	703700		
101	15.1	11.0	16.4	
100	12.1	9.8	14.6	

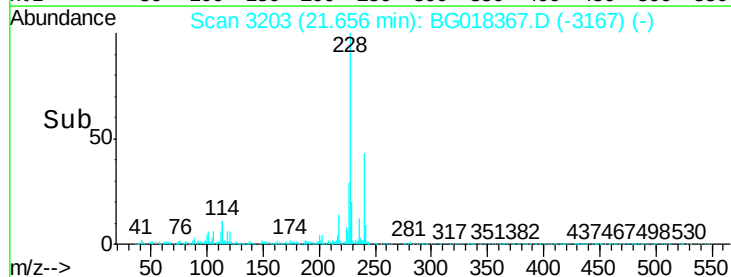
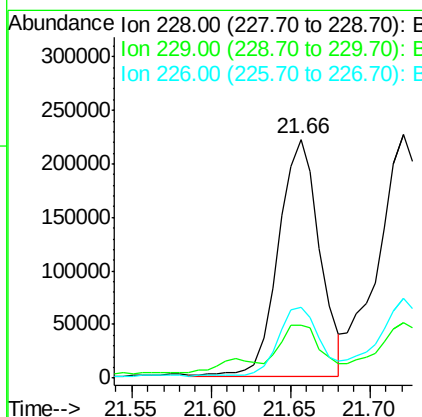
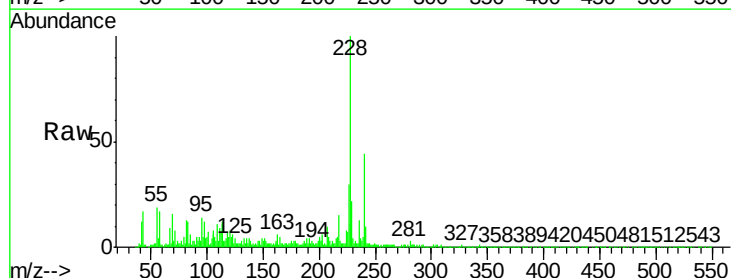
Manual Integrations
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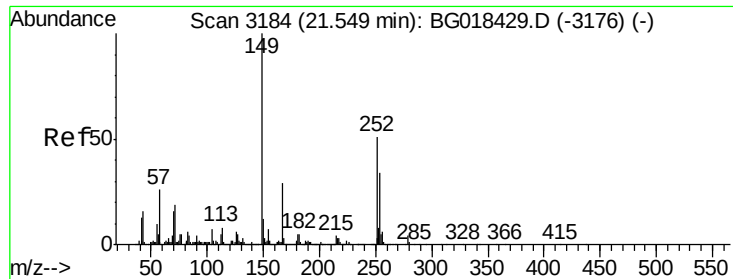
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#83
 Benzo(a)anthracene
 Concen: 9.02 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.01 min
 Lab File: BG018367.D
 Acq: 10 Aug 2015 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	396951		
229	22.3	15.5	23.3	
226	29.6	22.1	33.1	





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.57 ng/ul

RT: 21.57 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BG018367.D

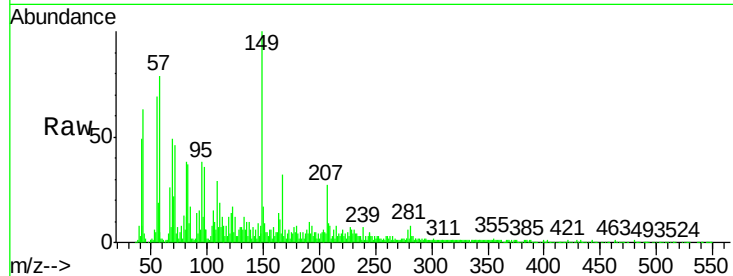
Acq: 10 Aug 2015 23:28

Instrument :

BNA_G

ClientSampled :

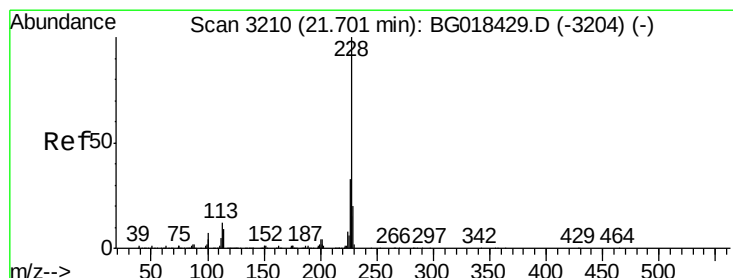
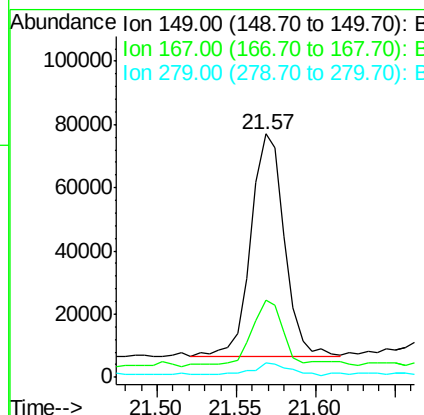
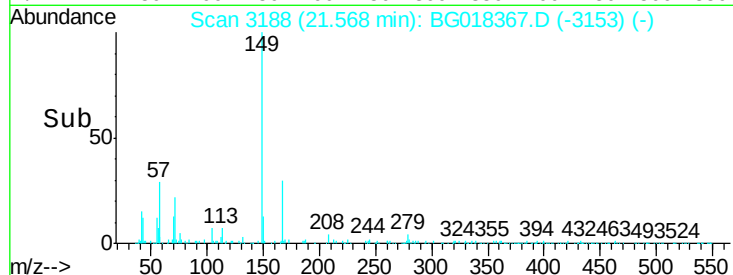
C02K4



Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	22.2	33.2
279	5.7	2.8	4.2

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#85

Chrysene

Concen: 10.18 ng/ul

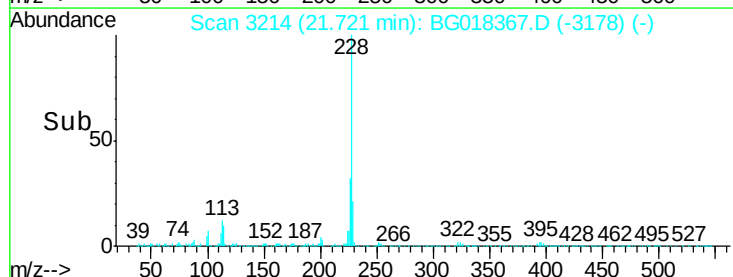
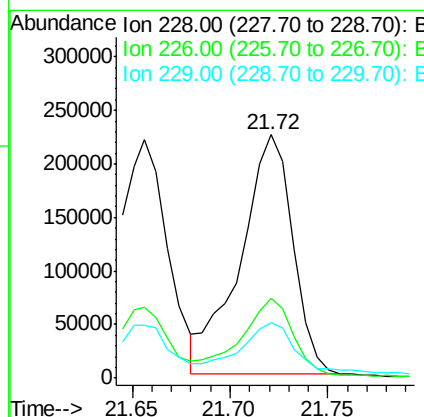
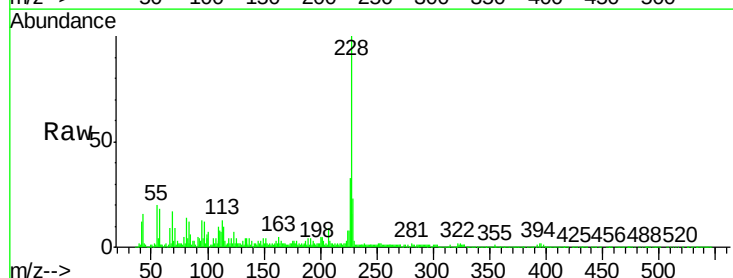
RT: 21.72 min Scan# 3214

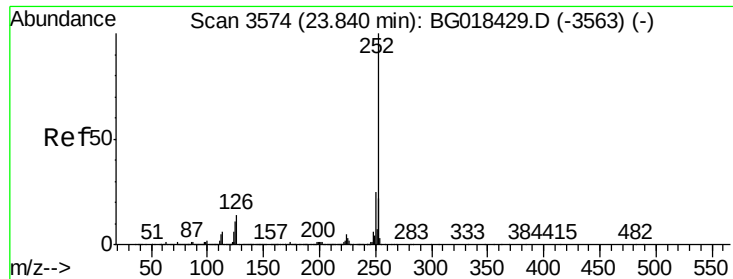
Delta R.T. 0.01 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.5	39.7
229	22.7	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 12.00 ng/ul

RT: 23.88 min Scan# 3582

Delta R.T. 0.03 min

Lab File: BG018367.D

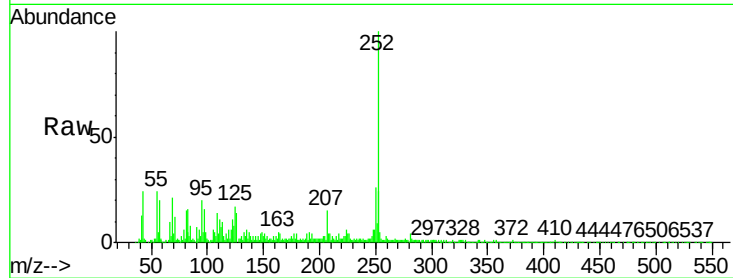
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Instrument :

BNA_G

ClientSampleId :

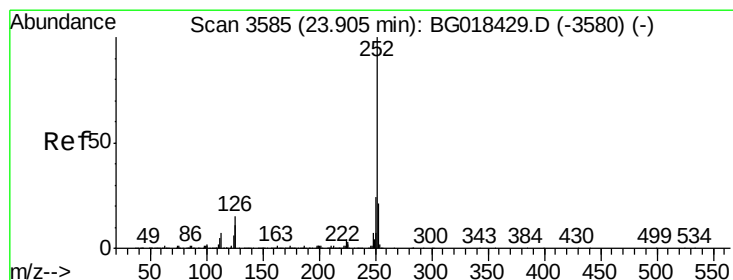
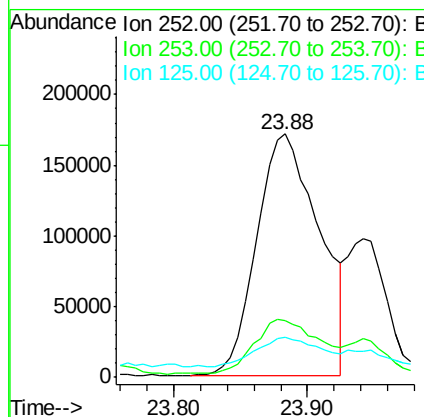
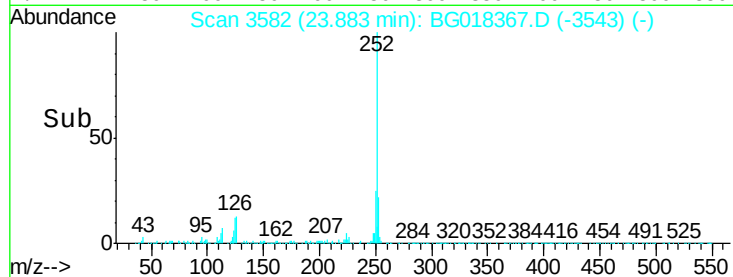
C02K4



Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.5	18.1	27.1	
125	16.7	8.3	12.5#	

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#89

Benzo(k)fluoranthene

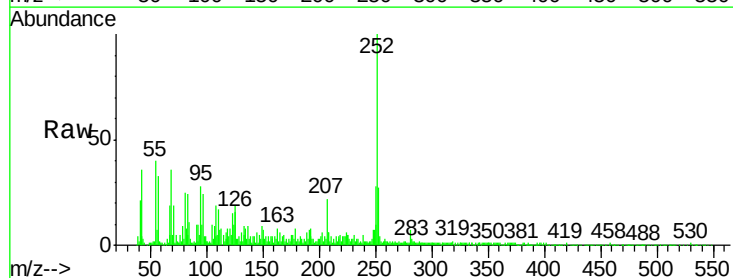
Concen: 4.57 ng/ul m

RT: 23.94 min Scan# 3592

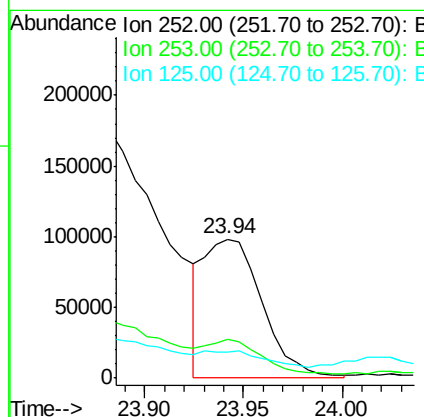
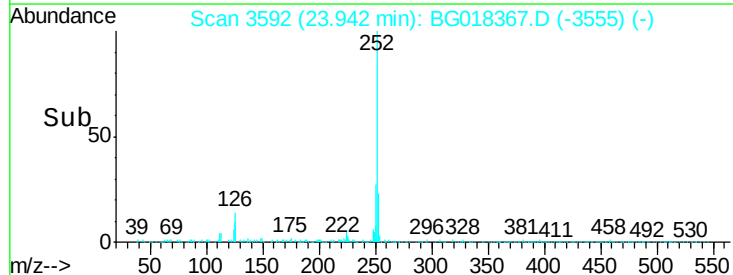
Delta R.T. 0.02 min

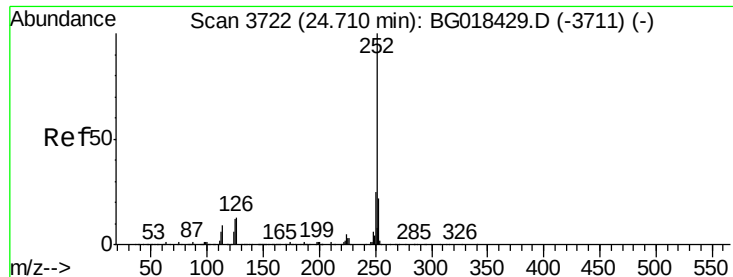
Lab File: BG018367.D

Acq: 10 Aug 2015 23:28



Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	27.5	17.8	26.6#	
125	19.0	9.0	13.4#	





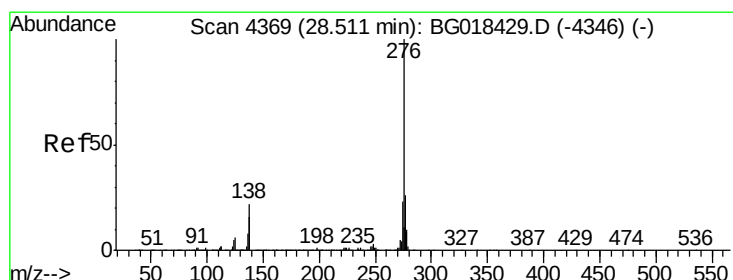
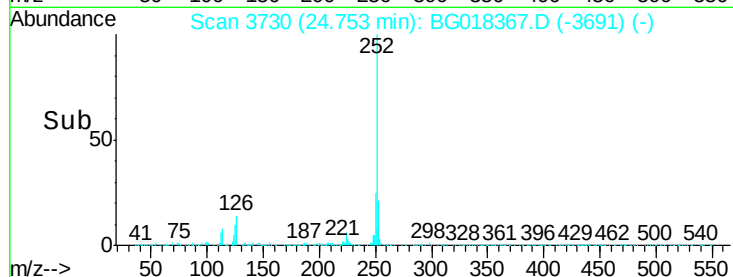
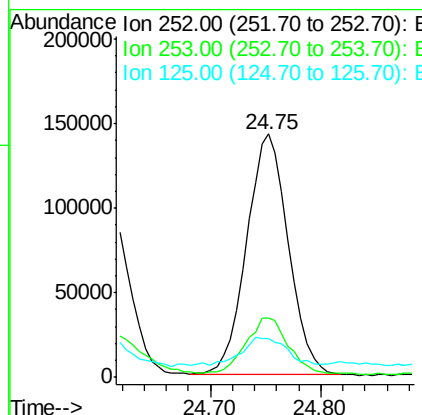
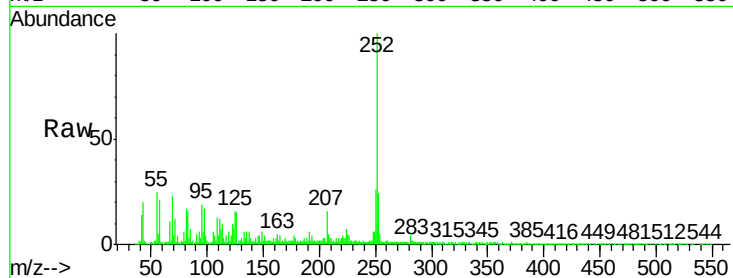
#91
Benzo(a)pyrene
Concen: 8.55 ng/ul
RT: 24.75 min Scan# 3730
Delta R.T. 0.03 min
Lab File: BG018367.D
Acq: 10 Aug 2015 23:28

Instrument :
BNA_G
ClientSampleId :
C02K4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.1	17.7	26.5
125	15.8	10.2	15.2

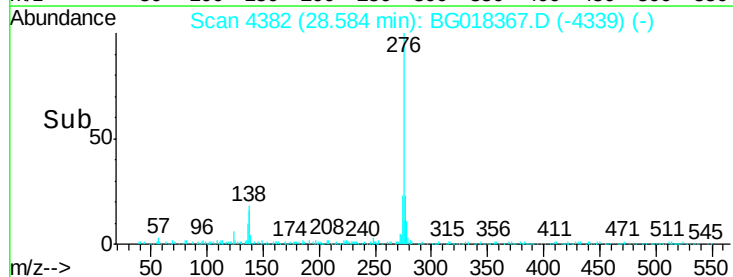
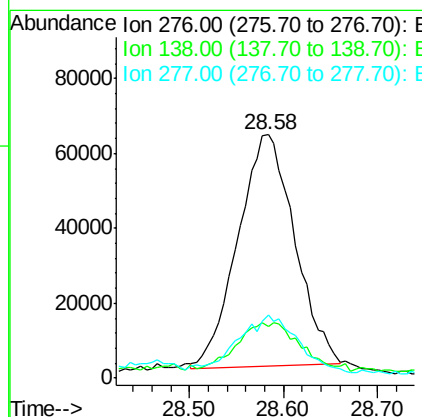
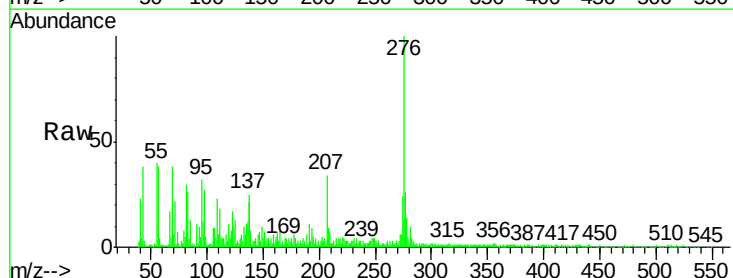
Manual Integrations
APPROVED

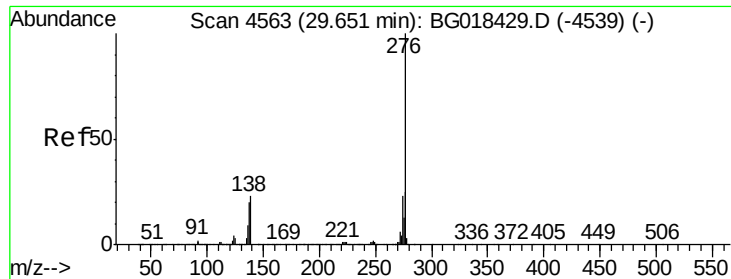
apatel
8/11/2015 9:13:25 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.09 ng/ul
RT: 28.58 min Scan# 4382
Delta R.T. 0.06 min
Lab File: BG018367.D
Acq: 10 Aug 2015 23:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.2	15.8	23.6
277	25.8	18.9	28.3





#94

Benzo(g,h,i)perylene

Concen: 5.99 ng/ul

RT: 29.73 min Scan# 4577

Delta R.T. 0.05 min

Lab File: BG018367.D

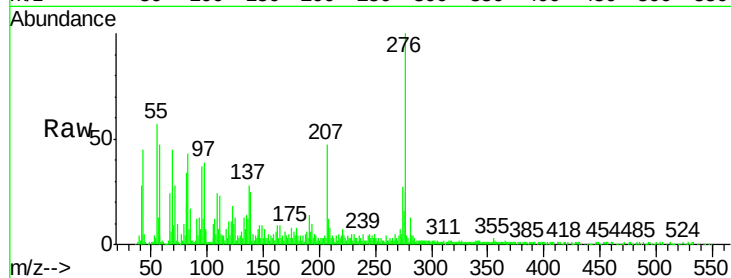
Acq: 10 Aug 2015 23:28

Instrument :

BNA_G

ClientSampleId :

C02K4



Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	16.5	24.7
277	24.8	19.0	28.6

Manual Integrations
APPROVED

apatel
8/11/2015 9:13:25 AM

