

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029264.D
 Acq On : 15 Oct 2017 18:14
 Operator : SJ/JU
 Sample : I5548-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:44:09 PM

Quant Time: Oct 16 09:44:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 09:33:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	176399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	777931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	456816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	948877	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	856124	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	860843	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13341	3.07	ng/uL	0.00
5) Phenol-d5	7.32	99	266358	15.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	174262	16.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	209379	17.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	183083	13.39	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	108075	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	118657	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	216625	16.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	119556	7.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	673775	17.25	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	841394	17.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	75996	10.54	ng/ul	0.00
57) Fluorene-d10	15.78	176	572601	17.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	61937	13.37	ng/ul	0.00
70) Anthracene-d10	17.63	188	778874	17.36	ng/ul	0.00
76) Pyrene-d10	19.90	212	813756	18.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	692625	16.99	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.35	94	35509	2.027	ng/ul#	85
44) Dimethylphthalate	14.24	163	311833	8.186	ng/ul	98
69) Phenanthrene	17.57	178	174661	3.405	ng/ul	99
74) Fluoranthene	19.57	202	355979	6.210	ng/ul#	92
77) Pyrene	19.93	202	300008	5.229	ng/ul#	87
80) Benzo(a)anthracene	21.79	228	148866	2.775	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.68	149	315060	9.345	ng/ul	97
82) Chrysene	21.85	228	169511m	3.477	ng/ul	
85) Benzo(b)fluoranthene	24.07	252	209670	4.057	ng/ul#	95
86) Benzo(k)fluoranthene	24.13	252	69937	1.400	ng/ul	98
88) Benzo(a)pyrene	24.96	252	133976	2.663	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.92	276	89318	1.569	ng/ul#	90
91) Benzo(g,h,i)perylene	30.09	276	67707	1.435	ng/ul#	84

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

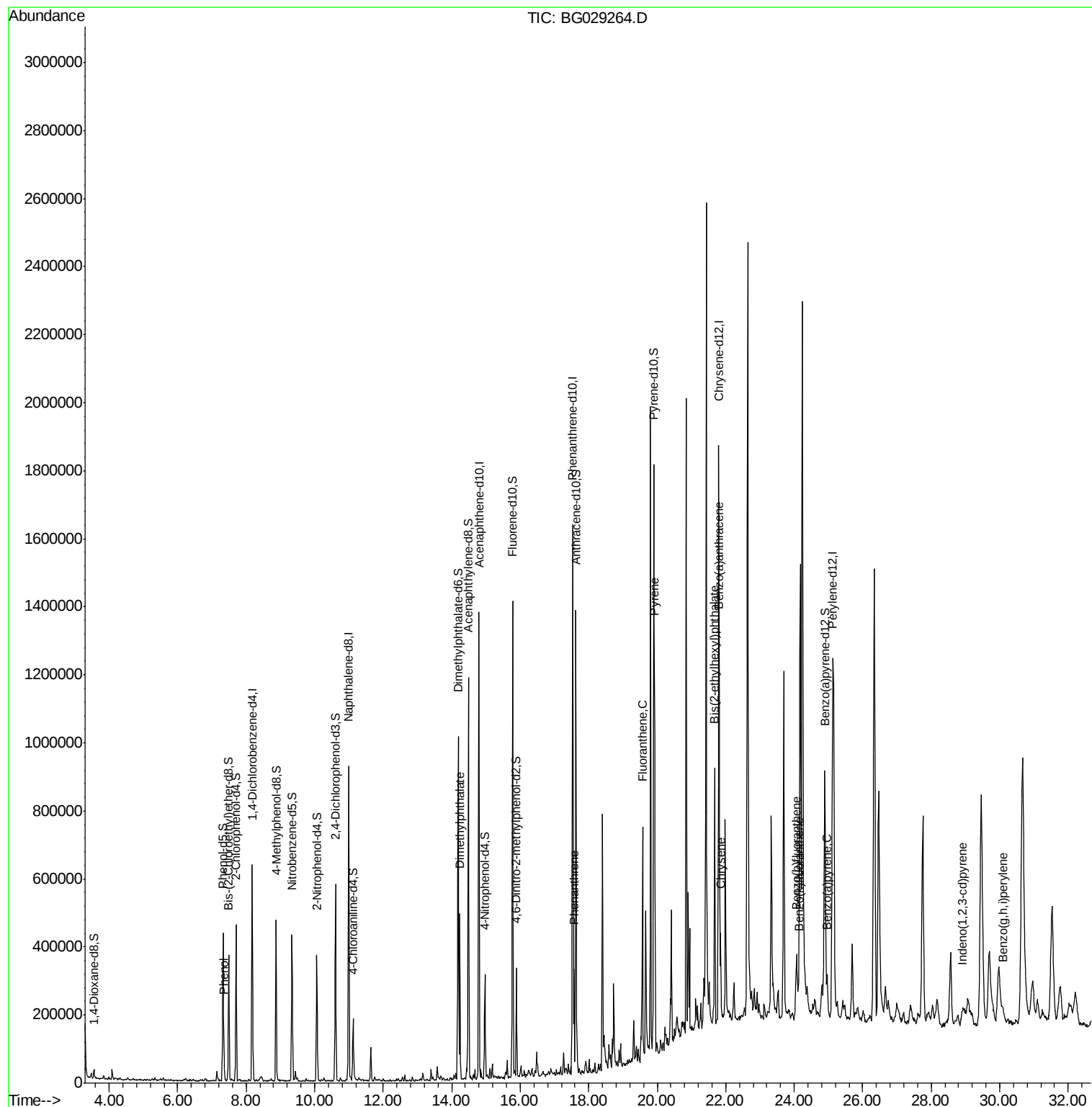
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Data File : BG029264.D
Acq On : 15 Oct 2017 18:14
Operator : SJ/JU
Sample : I5548-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

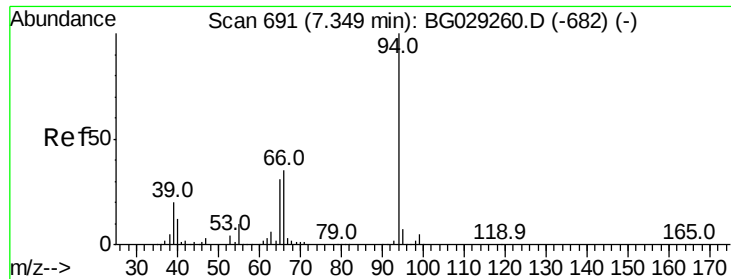
Instrument :
BNA_G
ClientSampled :
C0AC8

Manual Integrations
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Sohil
10/16/2017 7:44:09 PM

Quant Time: Oct 16 09:44:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 09:33:08 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.027 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

ClientSampled :

C0AC8

Tot Ion: 94 Resp: 35509

Ion Ratio Lower Upper

94 100

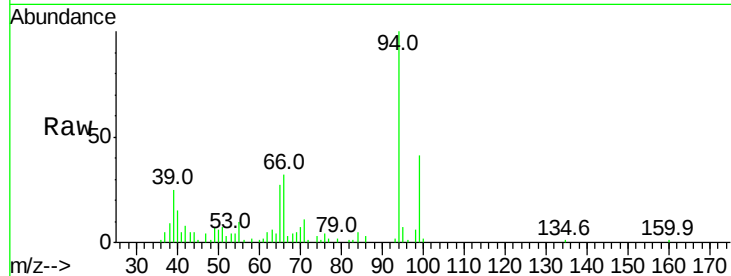
65 27.2 27.1 40.7

66 32.2 34.6 52.0#

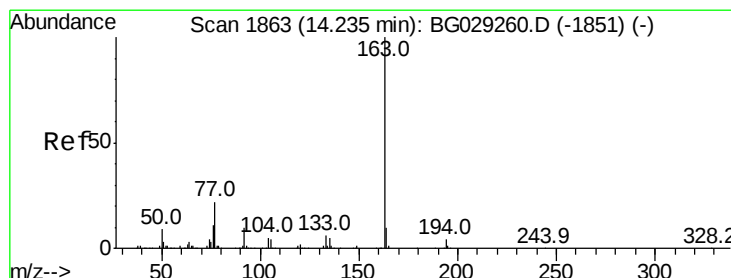
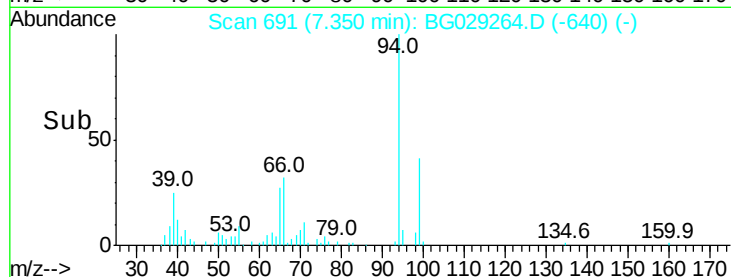
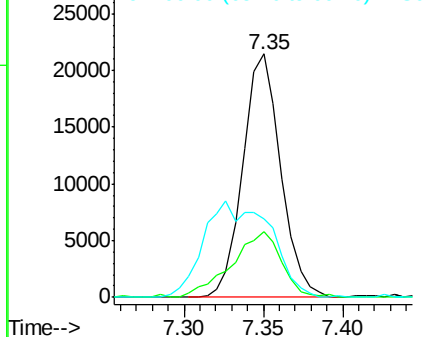
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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 8.186 ng/ul

RT: 14.24 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

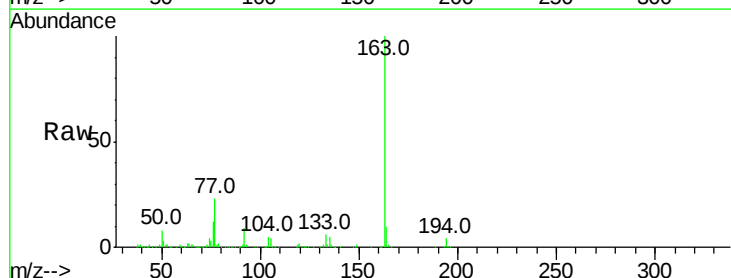
Tgt Ion: 163 Resp: 311833

Ion Ratio Lower Upper

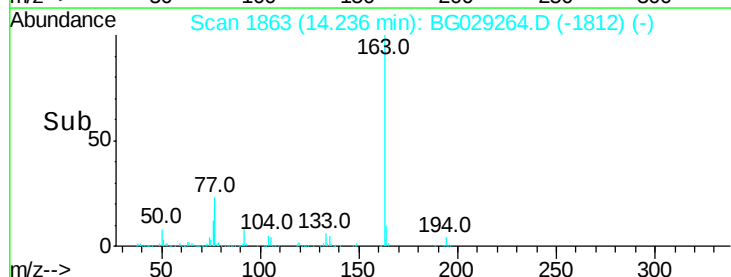
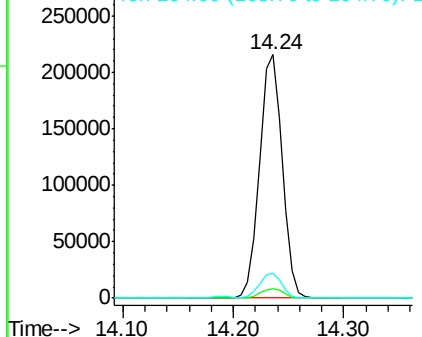
163 100

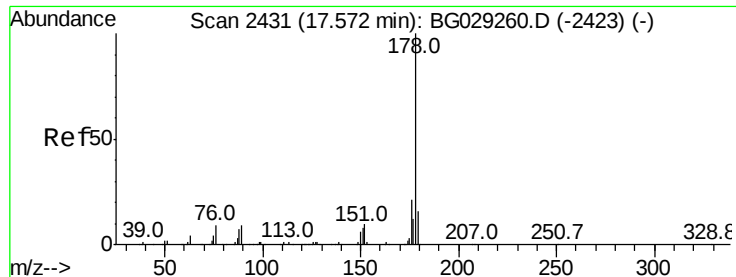
194 4.0 3.5 5.3

164 10.4 7.6 11.4



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





#69

Phenanthrene

Concen: 3.405 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

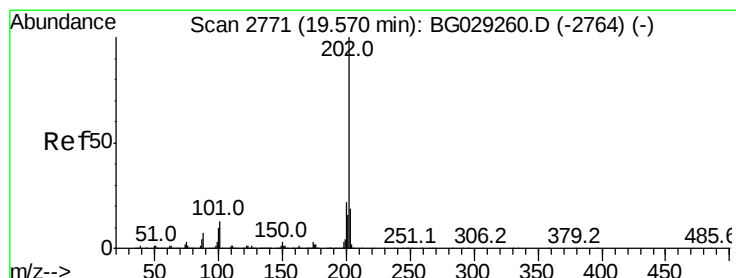
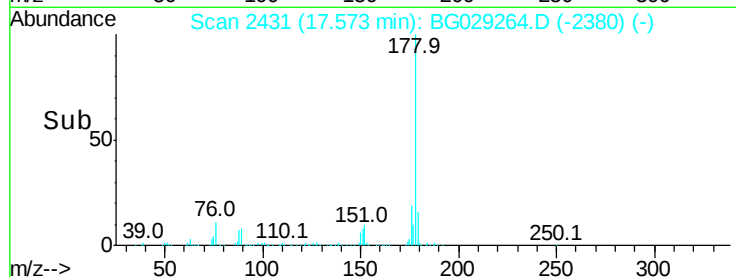
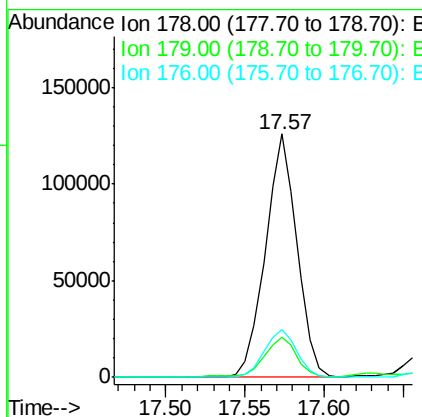
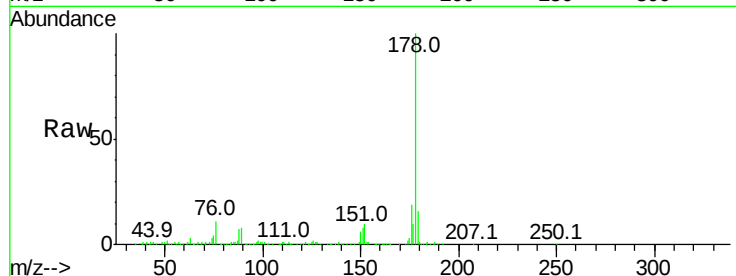
ClientSampleId :

C0AC8

Tot Ion:	178	Resp:	174661
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.0	19.6
176	19.4	15.3	22.9

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#74

Fluoranthene

Concen: 6.210 ng/ul

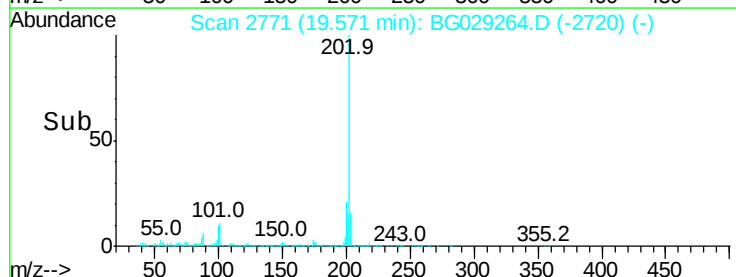
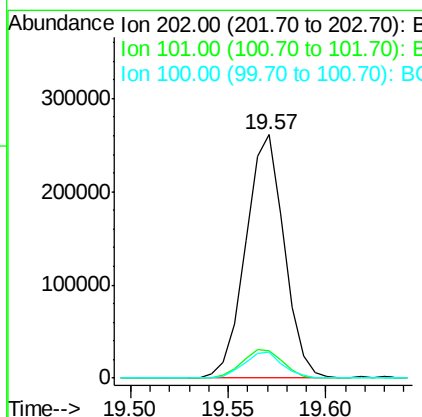
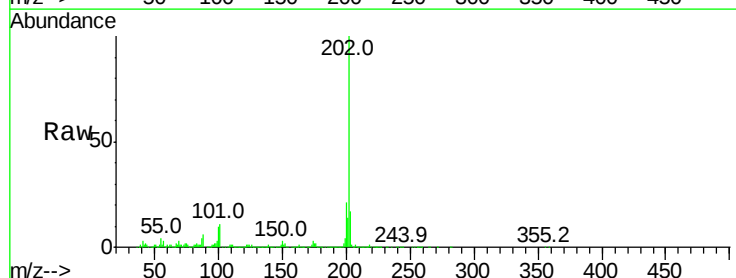
RT: 19.57 min Scan# 2771

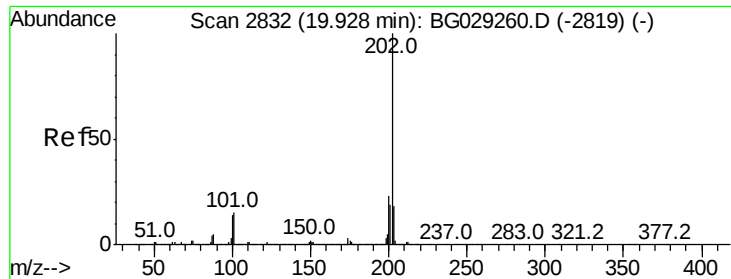
Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Tgt Ion:	202	Resp:	355979
Ion Ratio	Lower	Upper	
202	100		
101	11.4	7.4	11.2#
100	10.5	5.6	8.4#





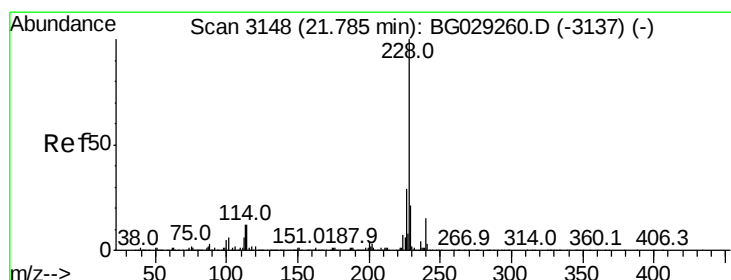
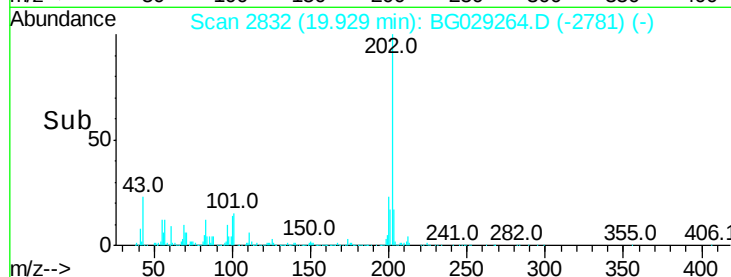
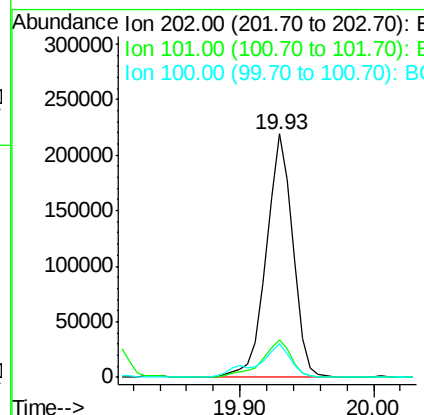
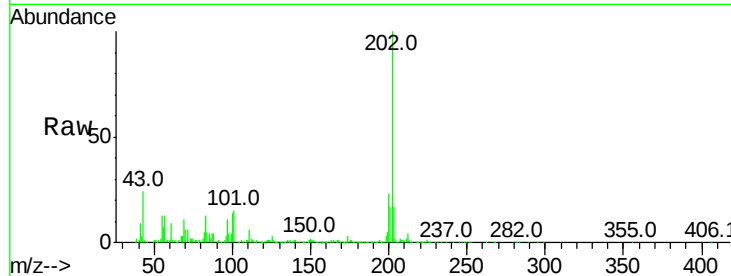
#77
Pvrene
Concen: 5.229 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG029264.D
Acq: 15 Oct 2017 18:14

Instrument :
BNA_G
ClientSampleId :
C0AC8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	8.4	12.6#
100	13.7	7.0	10.6#

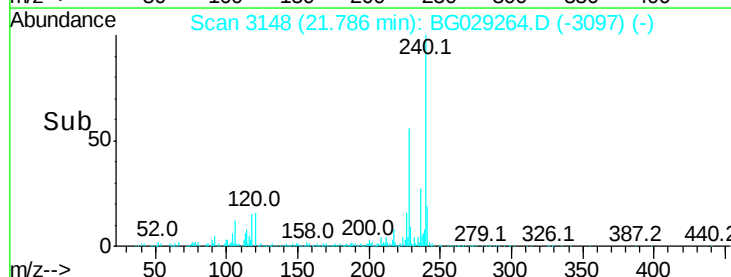
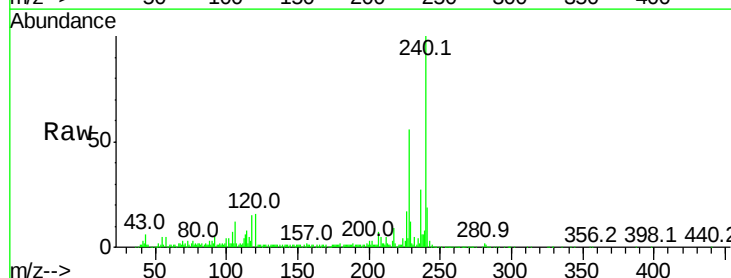
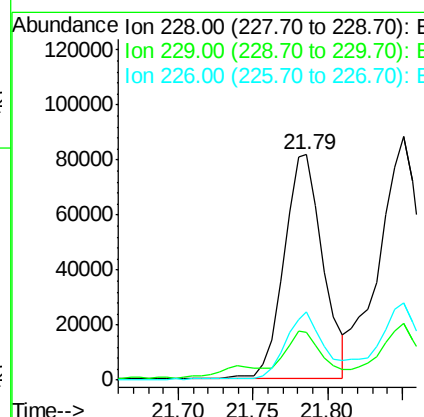
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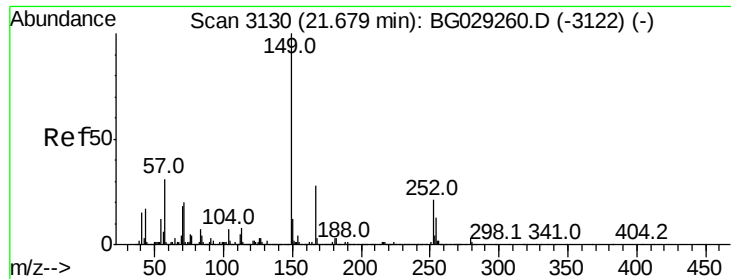
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#80
Benzo(a)anthracene
Concen: 2.775 ng/ul
RT: 21.79 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG029264.D
Acq: 15 Oct 2017 18:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	16.2	24.4
226	30.1	22.2	33.2





#81

Bis(2-ethylhexyl)phthalate

Concen: 9.345 ng/ul

RT: 21.68 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

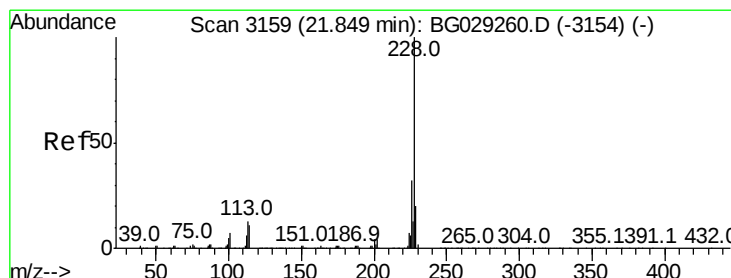
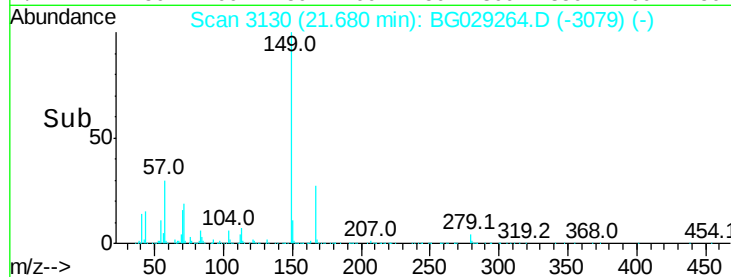
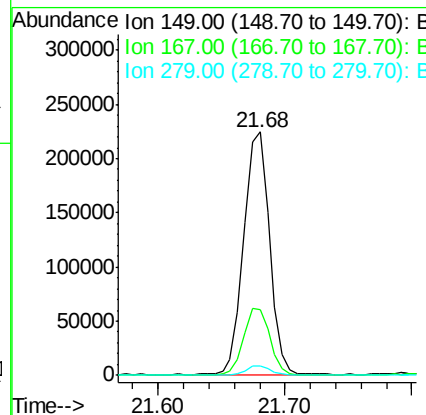
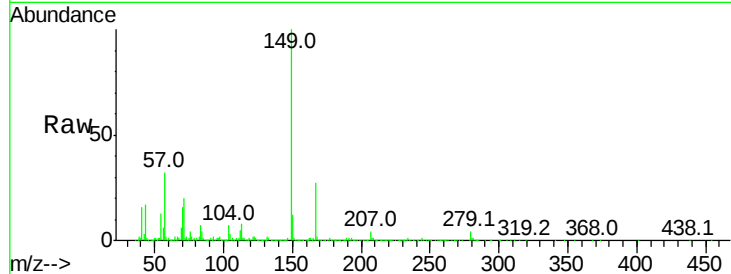
ClientSampleId :

C0AC8

Tot Ion:	149	Resp:	315060
Ion Ratio	Lower	Upper	
149	100		
167	27.0	23.2	34.8
279	3.7	3.1	4.7

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#82

Chrysene

Concen: 3.477 ng/ul m

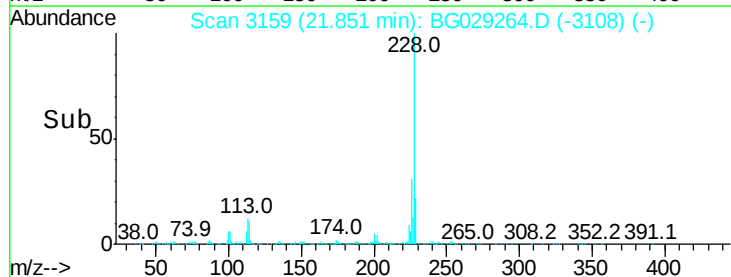
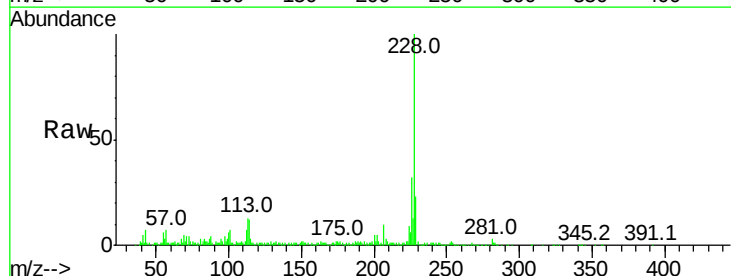
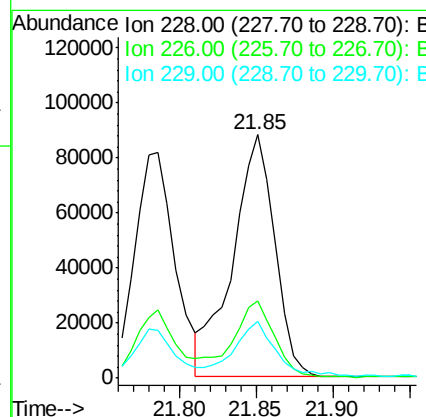
RT: 21.85 min Scan# 3159

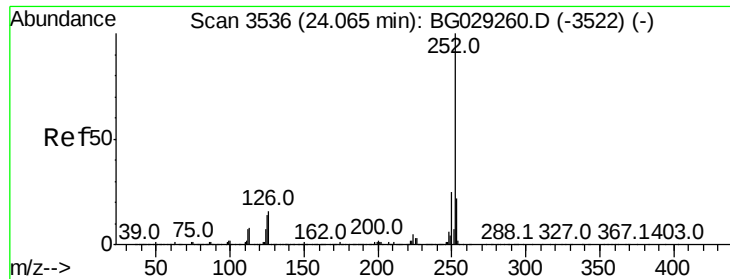
Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Tgt Ion:	228	Resp:	169511
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.2	36.2
229	23.2	15.2	22.8#





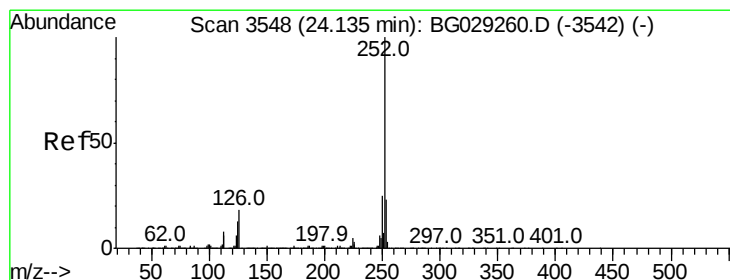
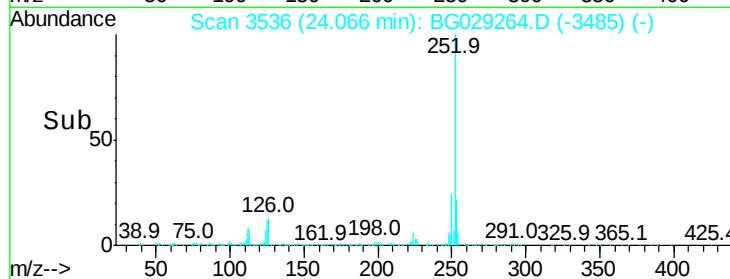
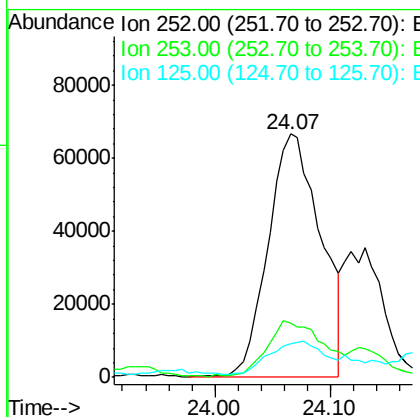
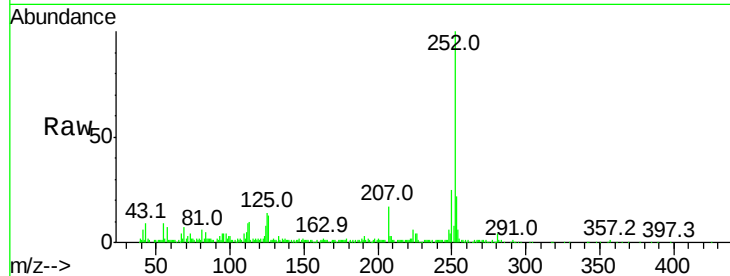
#85
Benzo(b)fluoranthene
Concen: 4.057 ng/u1
RT: 24.07 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG029264.D
Acq: 15 Oct 2017 18:14

Instrument :
BNA_G
ClientSampled :
C0AC8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	14.0	7.5	11.3

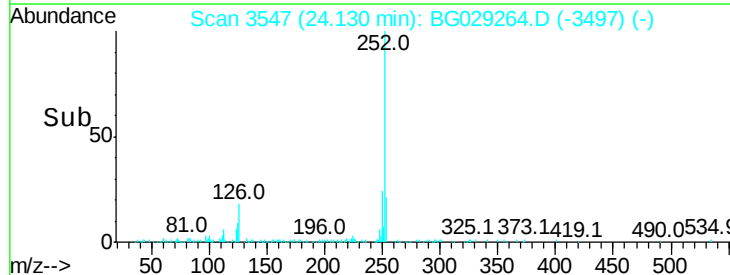
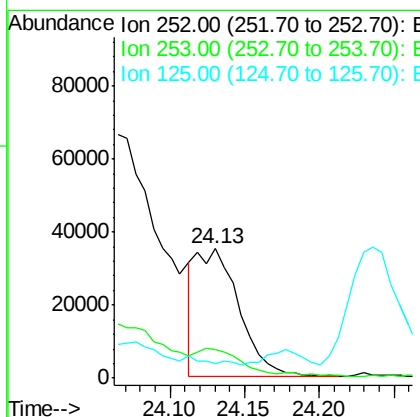
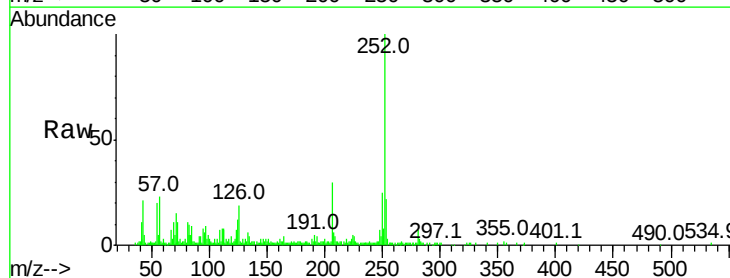
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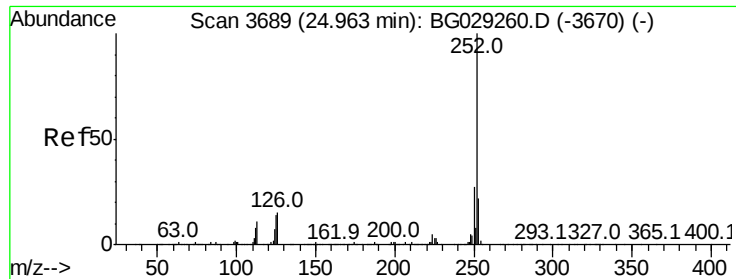
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#86
Benzo(k)fluoranthene
Concen: 1.400 ng/u1
RT: 24.13 min Scan# 3547
Delta R.T. -0.00 min
Lab File: BG029264.D
Acq: 15 Oct 2017 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.7	7.8	11.8





#88

Benzo(a)pyrene

Concen: 2.663 ng/ul

RT: 24.96 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

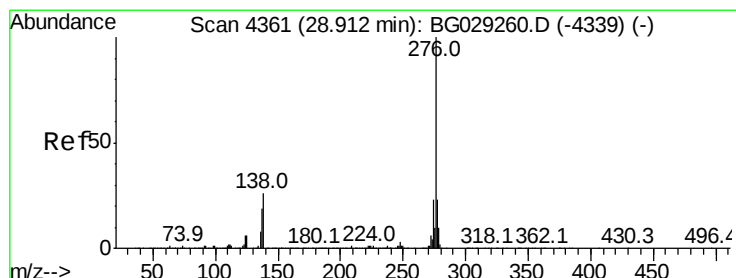
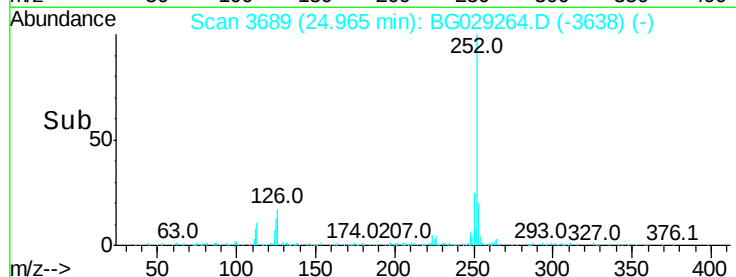
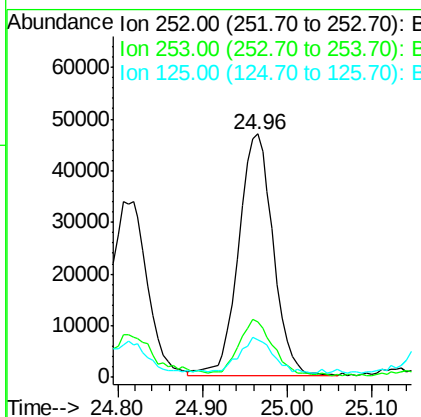
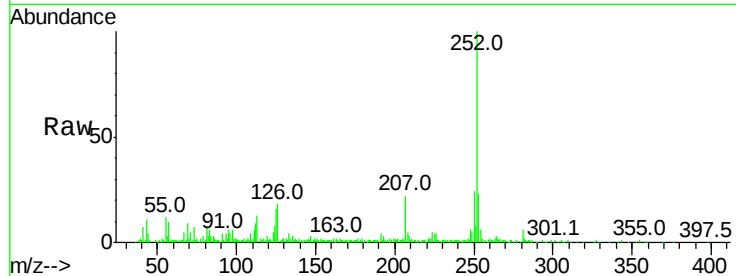
ClientSampleId :

C0AC8

Tot Ion:	252	Resp:	133976
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.1	25.7
125	15.5	7.8	11.8#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.569 ng/ul

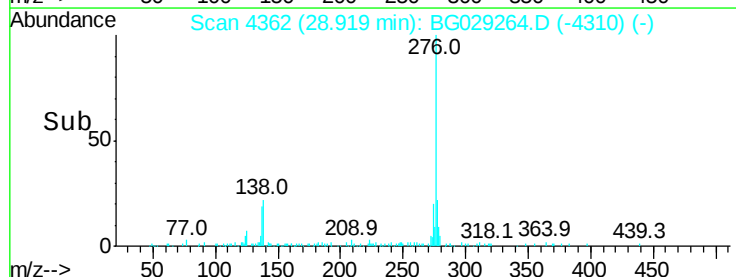
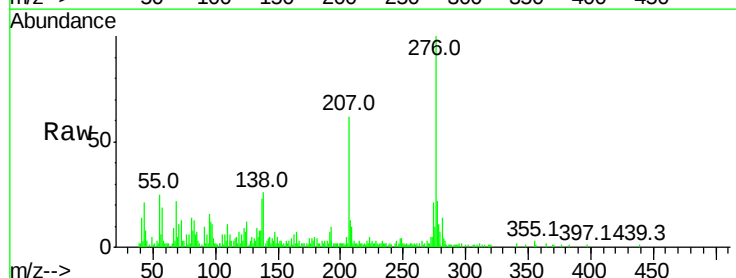
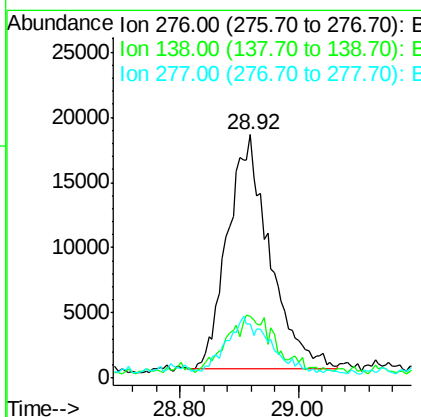
RT: 28.92 min Scan# 4362

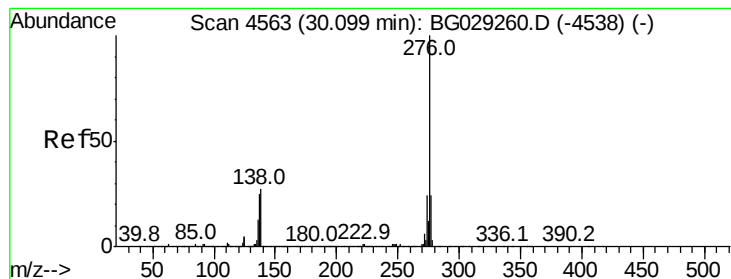
Delta R.T. 0.01 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Tgt Ion:	276	Resp:	89318
Ion Ratio		Lower	Upper
276	100		
138	25.6	13.4	20.0#
277	22.2	18.6	28.0





#91

Benzo(a,h,i)perylene

Concen: 1.435 ng/ul

RT: 30.09 min Scan# 4562

Delta R.T. -0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

ClientSampleId :

C0AC8

Tot Ion:	276	Resp:	67707
Ion Ratio	Lower	Upper	
276	100		
138	29.9	12.1	18.1#
277	23.5	17.7	26.5

Manual Integrations
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