

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
 Data File : BG027546.D
 Acq On : 20 Jun 2017 2:16
 Operator : SJ/MA
 Sample : I3627-15 25X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A88

Manual Integrations
 APPROVED

mohammad
 6/20/2017 11:51:39 AM

Quant Time: Jun 20 03:43:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 01:50:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	32443	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	167666	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	111673	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	257649	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	286408	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	271368	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	2676	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.84	67	1723	0.72	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	2098	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	2450	0.89	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	985	0.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	941	0.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	2213	0.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	1653	0.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	8823	0.94	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	9616	0.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	586	0.32	ng/ul	0.01
57) Fluorene-d10	16.09	176	8737	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.95	188	13221	1.10	ng/ul	0.00
76) Pyrene-d10	20.22	212	15256	1.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.62	264	12986	1.06	ng/ul	0.00

Target Compounds

						Ovalue
69) Phenanthrene	17.90	178	48450	3.50	ng/ul	96
71) Anthracene	17.99	178	98118	6.97	ng/ul	97
72) Carbazole	18.25	167	12173	1.01	ng/ul	99
74) Fluoranthene	19.89	202	669237	42.96	ng/ul#	88
77) Pyrene	20.25	202	640211	37.82	ng/ul#	87
80) Benzo(a)anthracene	22.21	228	267857	16.79	ng/ul	98
82) Chrysene	22.28	228	286274	19.87	ng/ul	99
85) Benzo(b)fluoranthene	24.72	252	304688	18.85	ng/ul#	93
86) Benzo(k)fluoranthene	24.78	252	86922m	5.60	ng/ul	
88) Benzo(a)pyrene	25.71	252	131054	8.45	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.08	276	71595	4.04	ng/ul#	89
90) Dibenzo(a,h)anthracene	30.13	278	22470	1.48	ng/ul#	92
91) Benzo(g,h,i)perylene	31.40	276	47172	3.25	ng/ul#	95

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

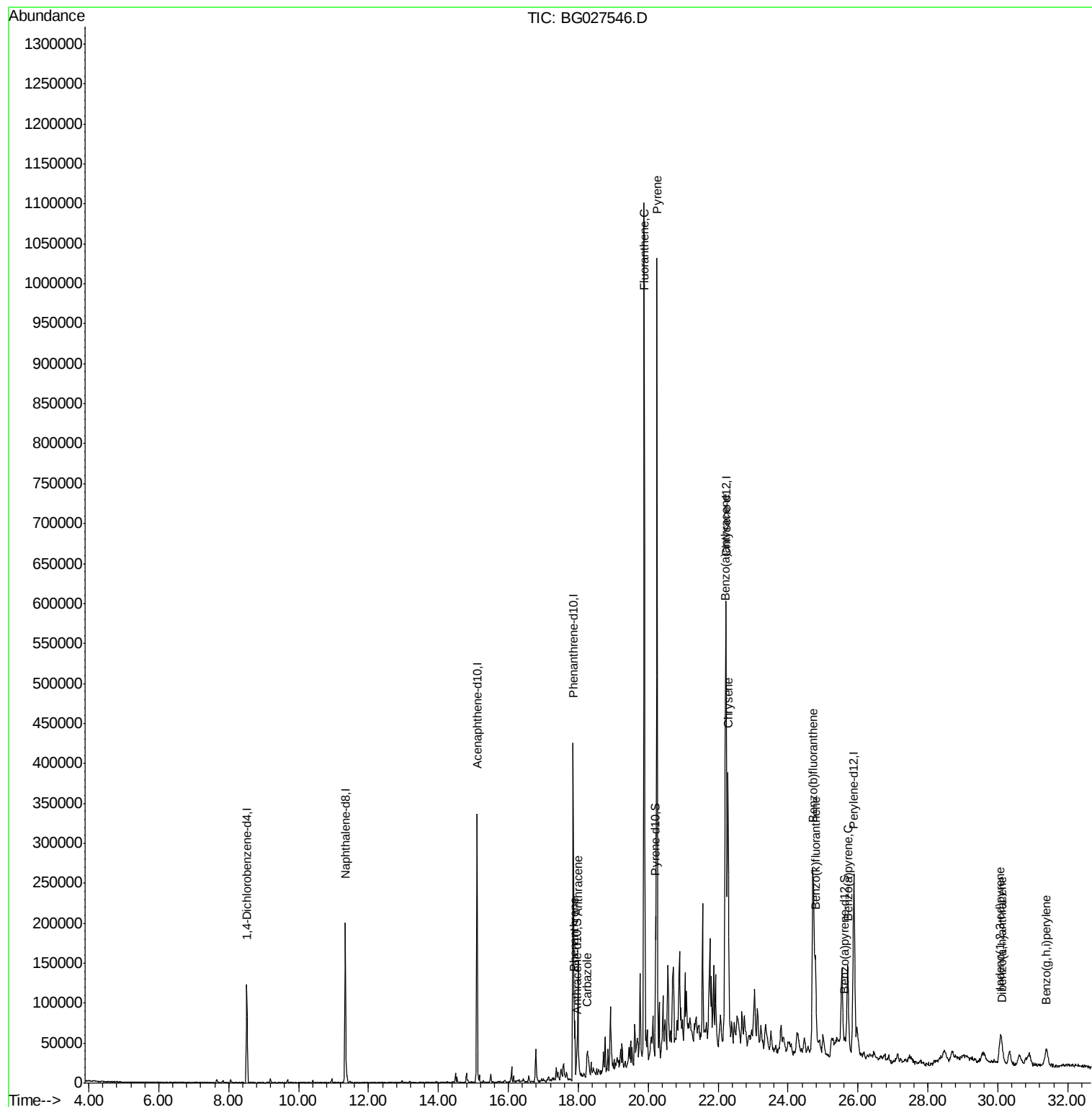
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027546.D
Acq On : 20 Jun 2017 2:16
Operator : SJ/MA
Sample : I3627-15 25X
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ALS Vial : 25 Sample Multiplier: 1

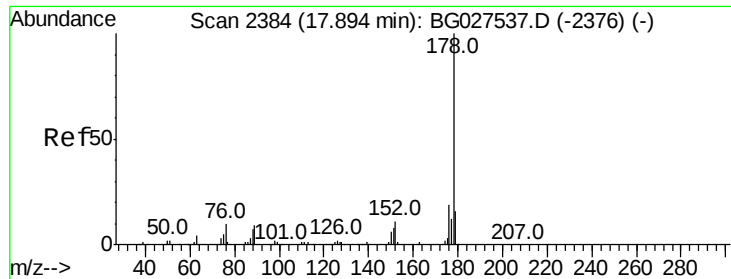
Instrument :
BNA_G
ClientSampleId :
F5A88

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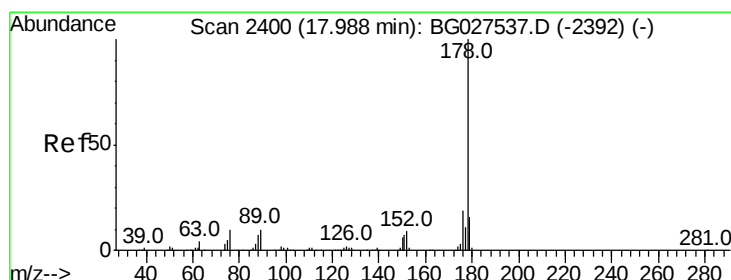
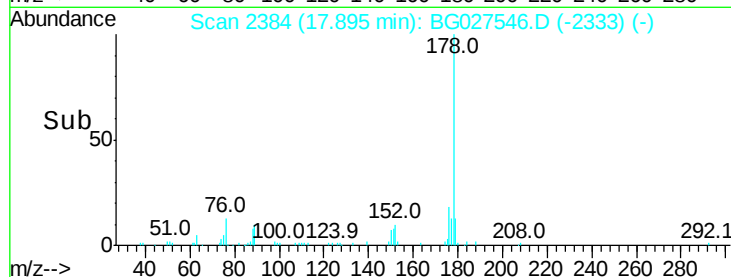
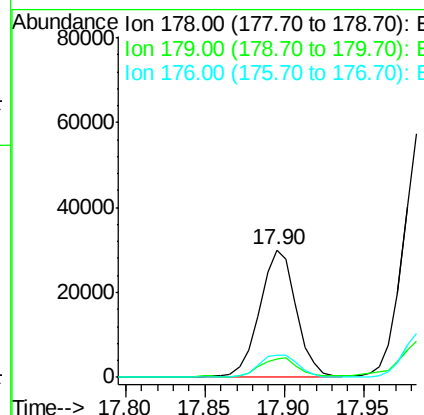
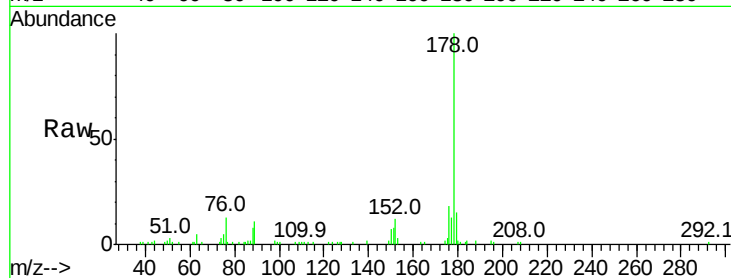
#69
Phenanthrene
Concen: 3.50 ng/ul
RT: 17.90 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Instrument :
BNA_G
ClientSampleId :
F5A88

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.4	18.6
176	17.8	16.5	24.7

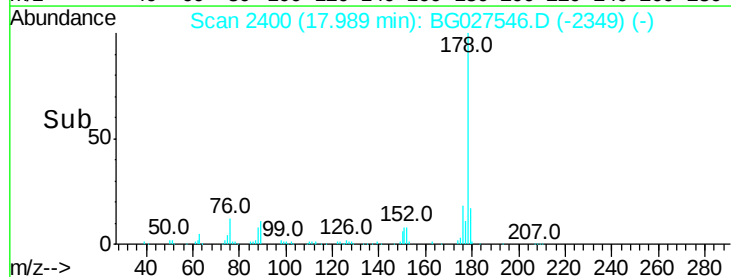
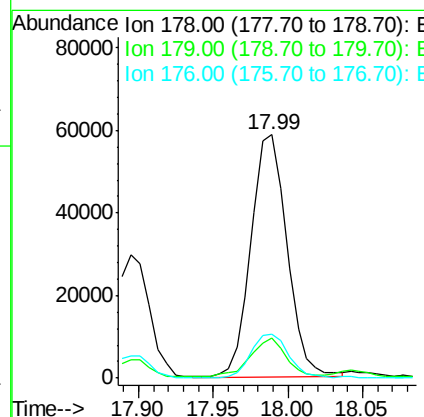
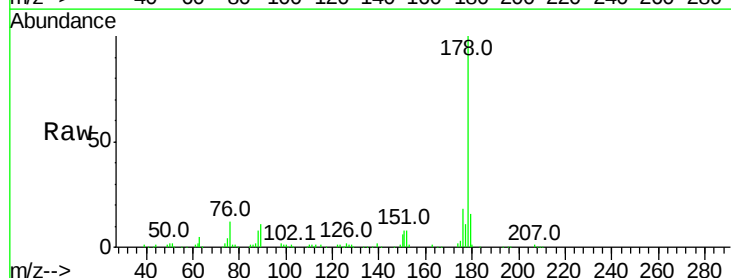
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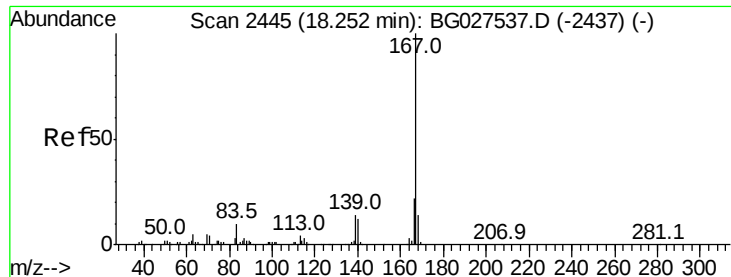
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#71
Anthracene
Concen: 6.97 ng/ul
RT: 17.99 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	19.0
176	18.2	15.9	23.9





#72

Carbazole

Concen: 1.01 ng/ul

RT: 18.25 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG027546.D

Acq: 20 Jun 2017 2:16

Instrument :

BNA_G

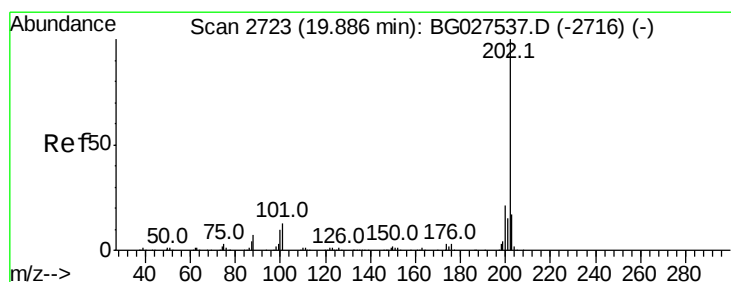
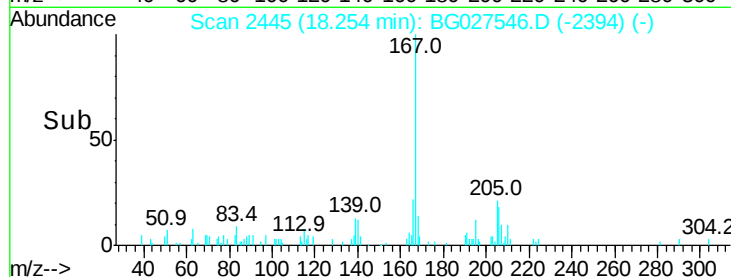
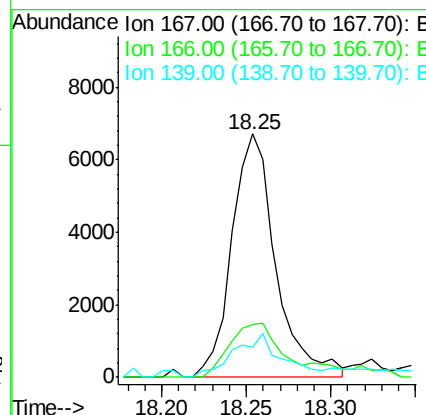
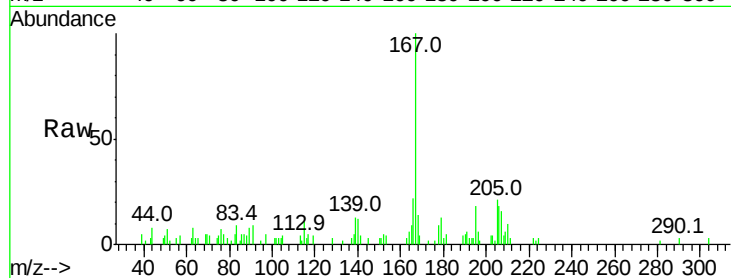
ClientSampleId :

F5A88

Tot Ion:	167	Resp:	12173
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.9	26.9
139	12.5	10.5	15.7

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#74

Fluoranthene

Concen: 42.96 ng/ul

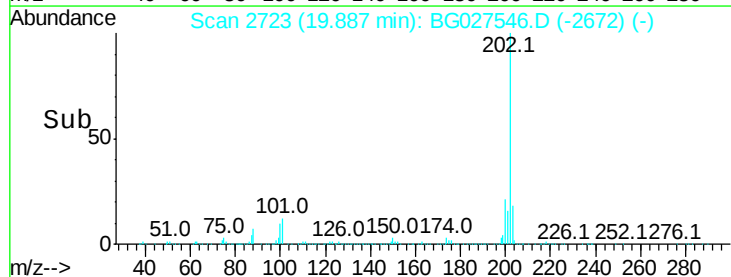
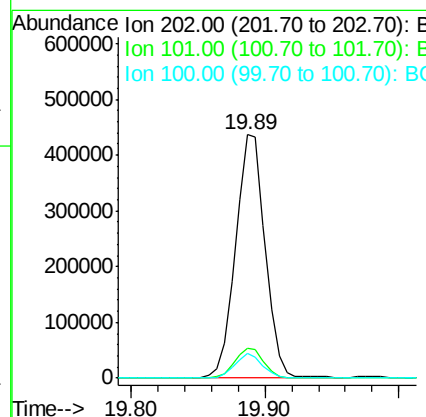
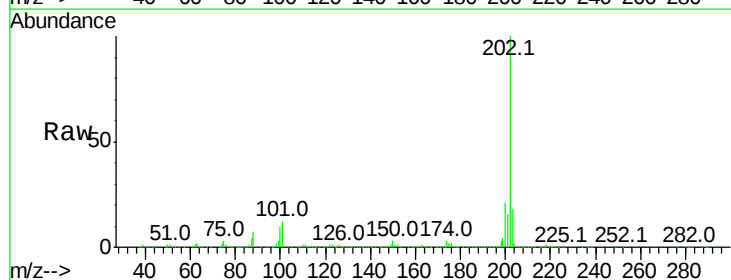
RT: 19.89 min Scan# 2723

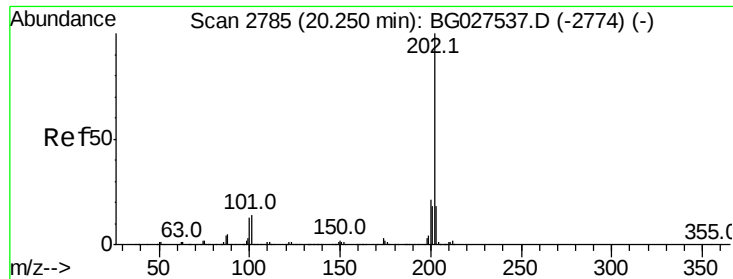
Delta R.T. 0.00 min

Lab File: BG027546.D

Acq: 20 Jun 2017 2:16

Tgt Ion:	202	Resp:	669237
Ion Ratio	Lower	Upper	
202	100		
101	12.5	6.2	9.2#
100	9.9	5.2	7.8#





#77

Pvrene

Concen: 37.82 ng/ul

RT: 20.25 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG027546.D

Acq: 20 Jun 2017 2:16

Instrument :

BNA_G

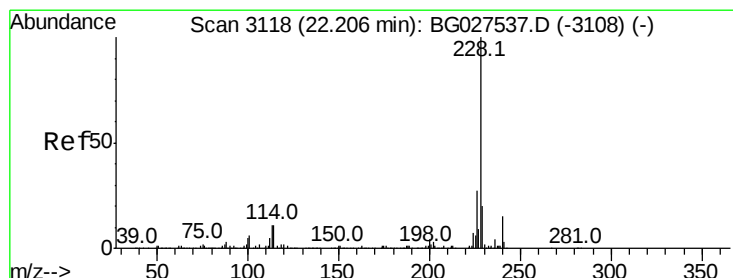
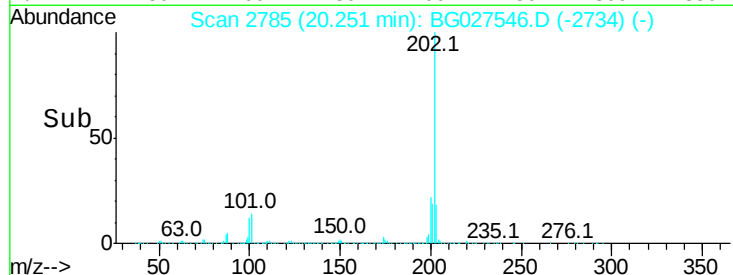
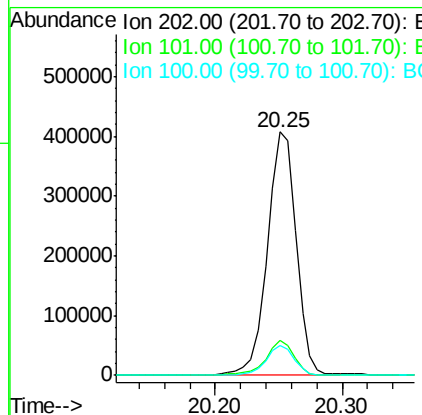
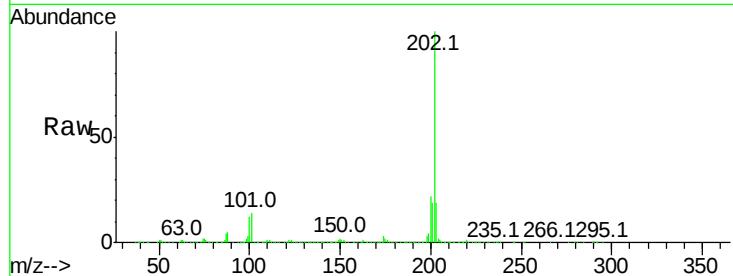
ClientSampled :

F5A88

Tot Ion:	202	Resp:	640211
Ion Ratio	Lower	Upper	
202	100		
101	14.4	6.9	10.3#
100	12.1	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 16.79 ng/ul

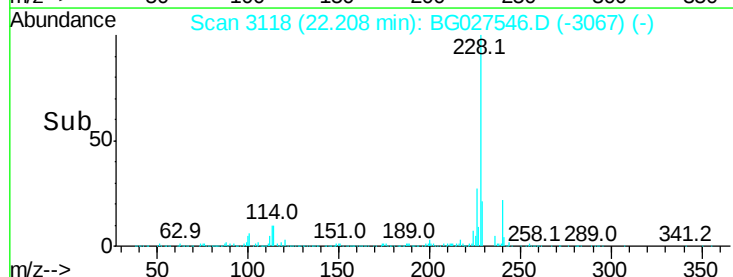
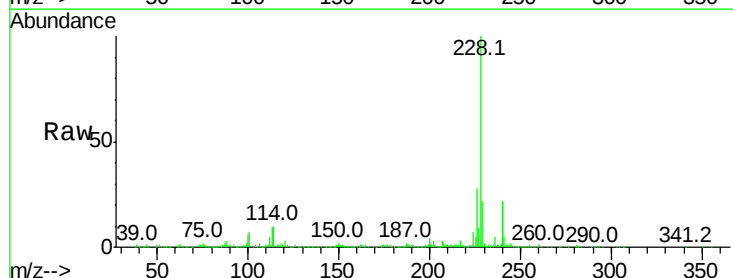
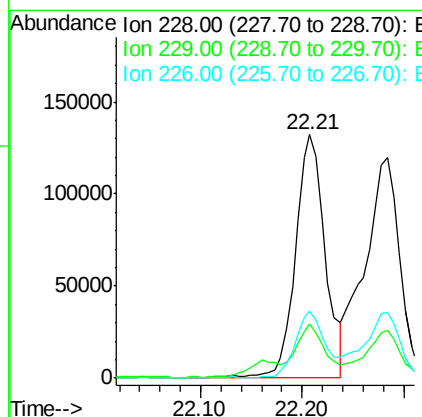
RT: 22.21 min Scan# 3118

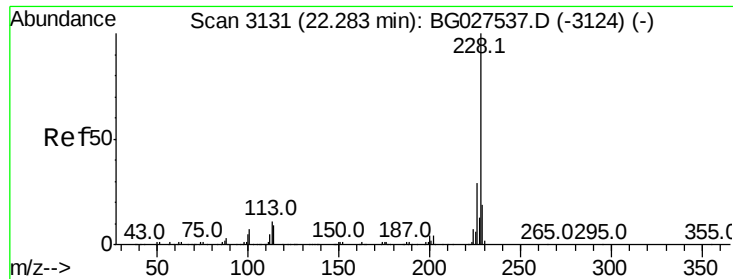
Delta R.T. 0.00 min

Lab File: BG027546.D

Acq: 20 Jun 2017 2:16

Tgt Ion:	228	Resp:	267857
Ion Ratio	Lower	Upper	
228	100		
229	22.1	16.3	24.5
226	27.6	21.9	32.9





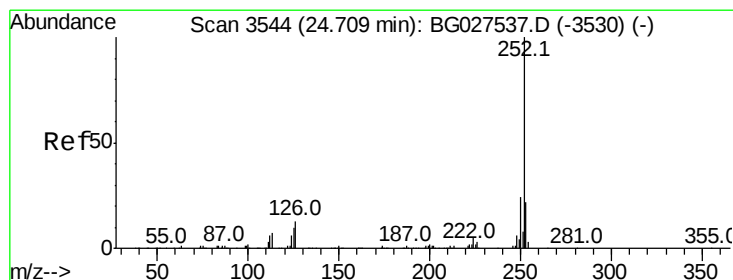
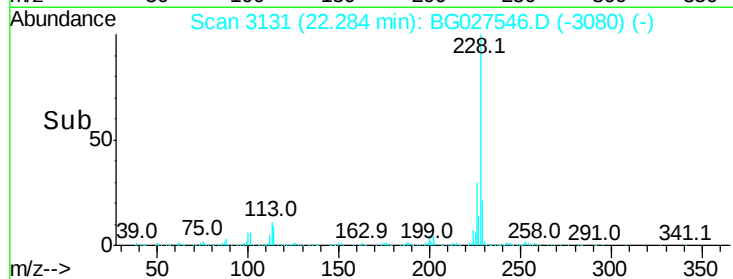
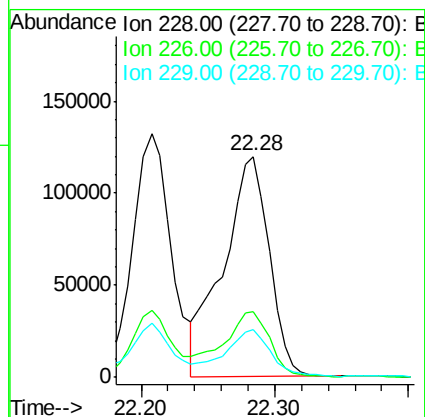
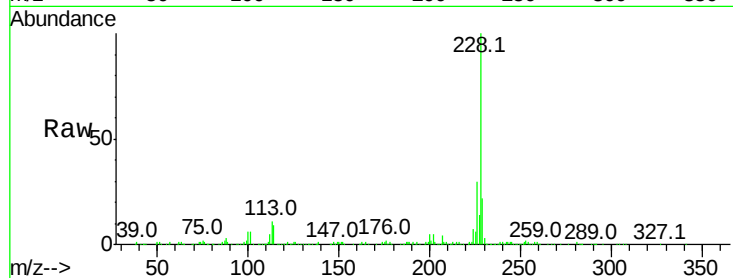
#82
Chrysene
Concen: 19.87 ng/ul
RT: 22.28 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Instrument :
BNA_G
ClientSampleId :
F5A88

Tot Ion	Ratio	Resp	Lower	Upper
228	100	286274		
226	29.9		24.0	36.0
229	21.5		16.9	25.3

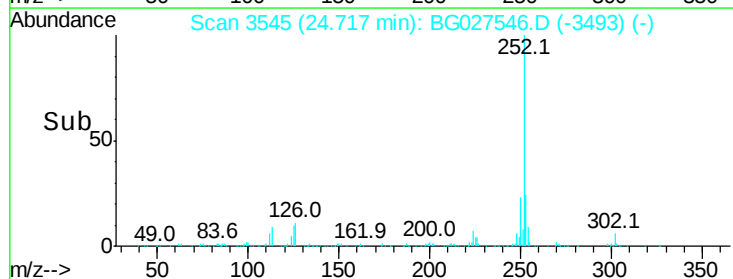
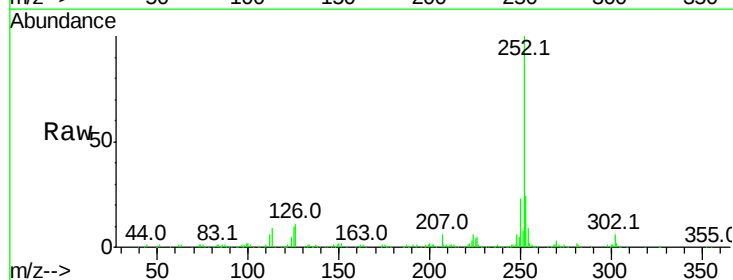
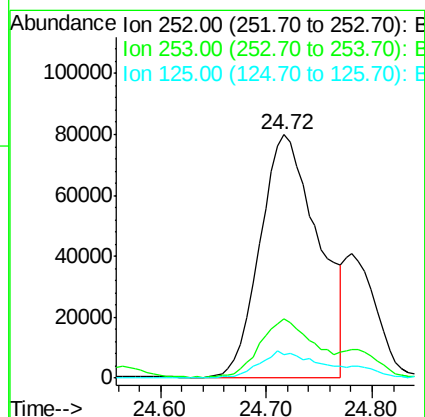
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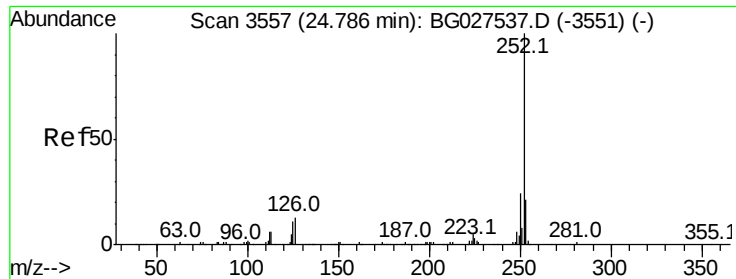
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#85
Benzo(b)fluoranthene
Concen: 18.85 ng/ul
RT: 24.72 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	304688		
253	24.4		17.7	26.5
125	9.7		4.0	6.0#





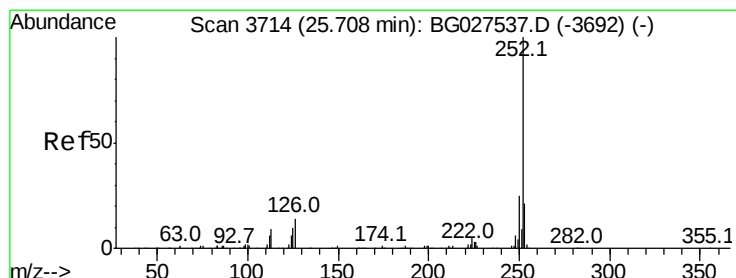
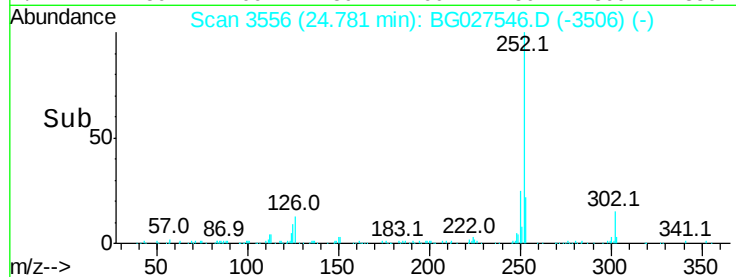
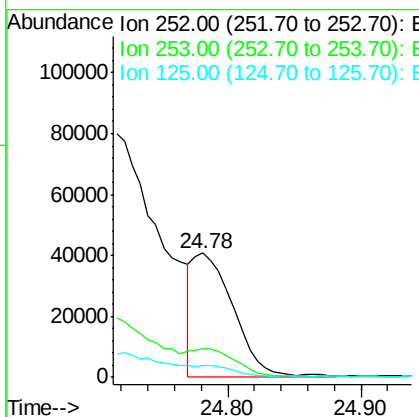
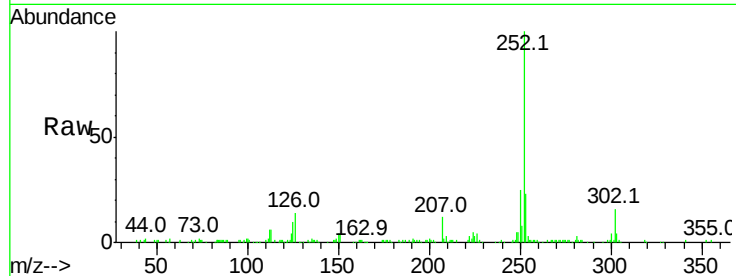
#86
Benzo(k)fluoranthene
Concen: 5.60 ng/ul m
RT: 24.78 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Instrument :
BNA_G
ClientSampleId :
F5A88

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	9.6	4.1	6.1

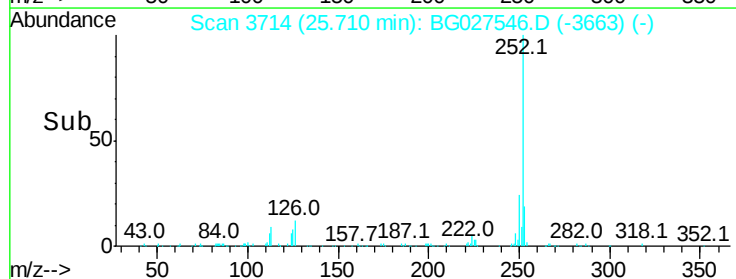
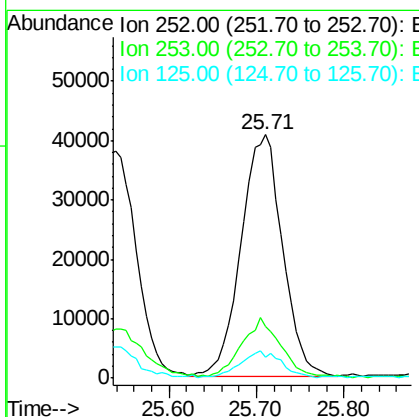
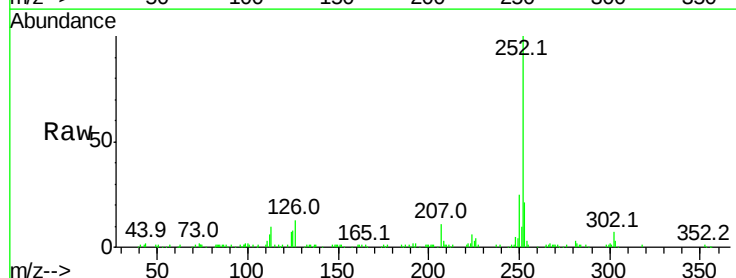
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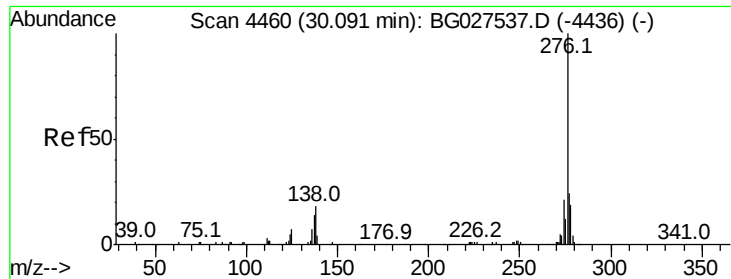
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#88
Benzo(a)pyrene
Concen: 8.45 ng/ul
RT: 25.71 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	8.4	5.4	8.0





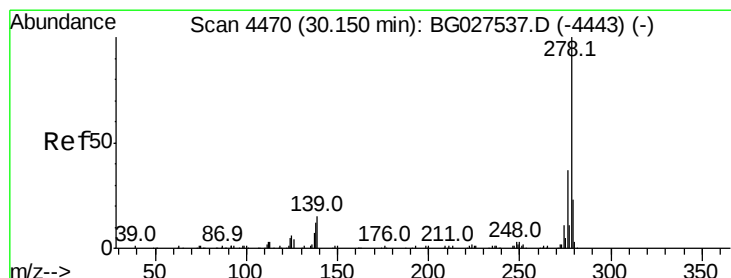
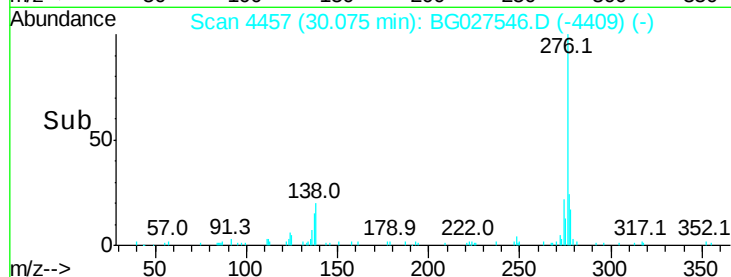
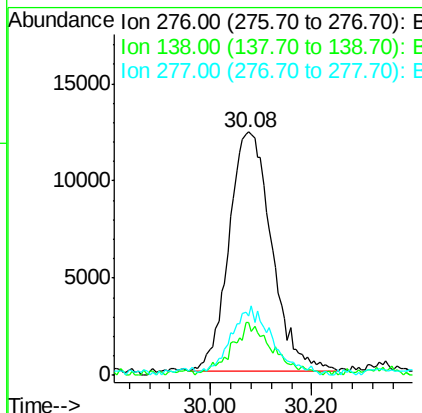
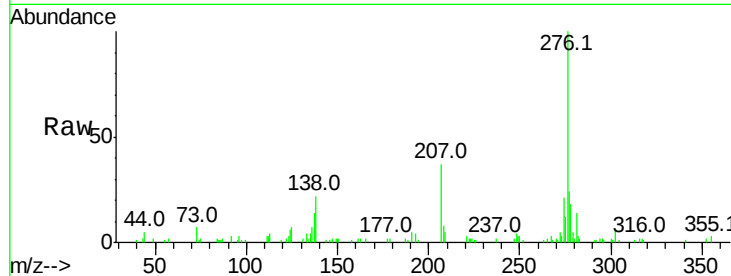
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.04 ng/ul
 RT: 30.08 min Scan# 4457
 Delta R.T. -0.02 min
 Lab File: BG027546.D
 Acq: 20 Jun 2017 2:16

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	21.6	8.2	12.4#
277	24.5	18.6	28.0

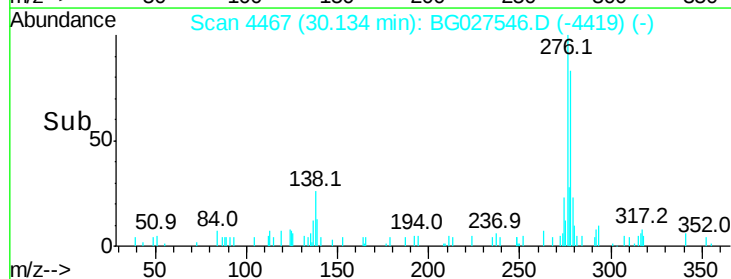
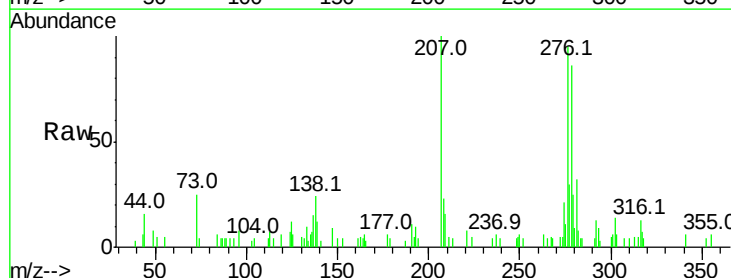
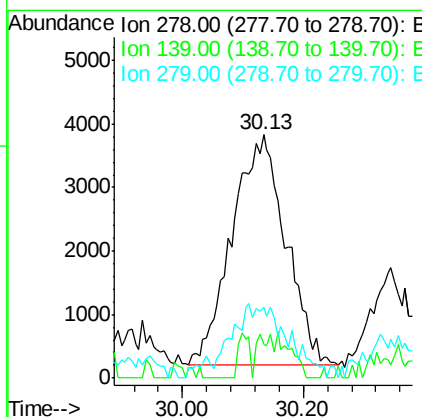
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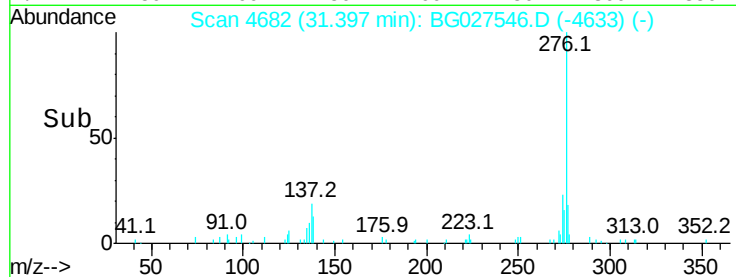
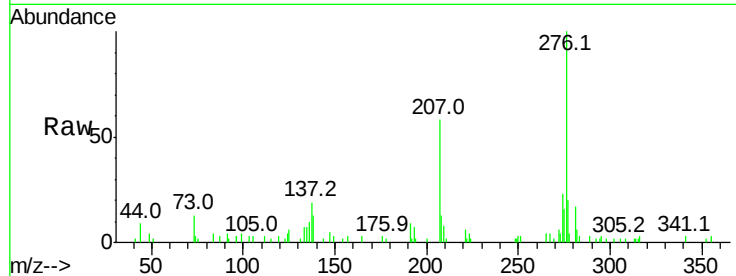
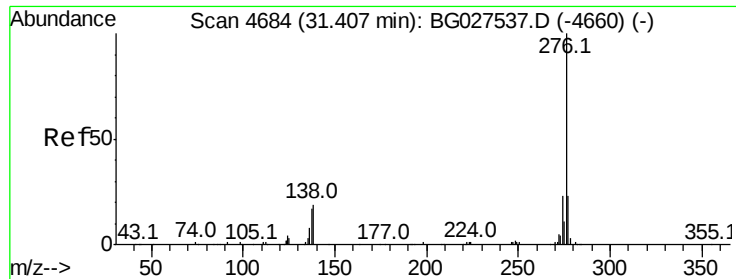
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#90
 Dibenzo(a,h)anthracene
 Concen: 1.48 ng/ul
 RT: 30.13 min Scan# 4467
 Delta R.T. -0.02 min
 Lab File: BG027546.D
 Acq: 20 Jun 2017 2:16

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.0	6.7	10.1#
279	29.0	20.9	31.3





#91

Benzo(a,h,i)perylene

Concen: 3.25 ng/ul

RT: 31.40 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BG027546.D

Acq: 20 Jun 2017 2:16

Tot Ion	Ratio	Resp	Lower	Upper
276	100	47172		
138	13.3		8.6	12.8#
277	19.9		17.6	26.4

Instrument :

BNA_G

ClientSampleId :

F5A88

Manual Integrations
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