

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
 Data File : BG021958.D
 Acq On : 19 May 2016 11:14
 Operator : UM/SJ
 Sample : H3092-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XD6

Manual Integrations
 APPROVED

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Quant Time: May 20 05:53:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 05:44:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	26306	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	136328	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	80212	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	163221	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	144285	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	131923	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	2362	4.12	ng/uL	0.00
3) Phenol-d5	7.31	99	53256	22.93	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	29932	24.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	47905	25.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	46338	22.39	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	25482	26.64	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	26169	25.64	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	43804	24.29	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	48357	34.04	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	187315	30.29	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	232157	29.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	28883	26.55	ng/ul	0.00
21) Fluorene-d10	15.77	176	168917	30.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	20327	25.09	ng/ul	0.00
26) Anthracene-d10	17.63	188	263006	34.97	ng/ul	0.00
30) Pyrene-d10	19.90	212	285083	37.45	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	232909	39.75	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	11.03	128	42533	6.41	ng/ul	98
14) 1-Methylnaphthalene	12.84	142	59885	12.18	ng/ul#	97
25) Phenanthrene	17.57	178	236411	27.10	ng/ul	97
27) Anthracene	17.66	178	92775	10.58	ng/ul	98
28) Fluoranthene	19.57	202	206474	22.77	ng/ul#	94
31) Pyrene	19.93	202	216105m	21.75	ng/ul	
33) Chrysene	21.86	228	150053	19.27	ng/ul	99
38) Benzo(a)pyrene	24.97	252	119358	16.46	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.95	276	168324m	20.42	ng/ul	
40) Dibenzo(a,h)anthracene	29.01	278	84693	12.40	ng/ul	95

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

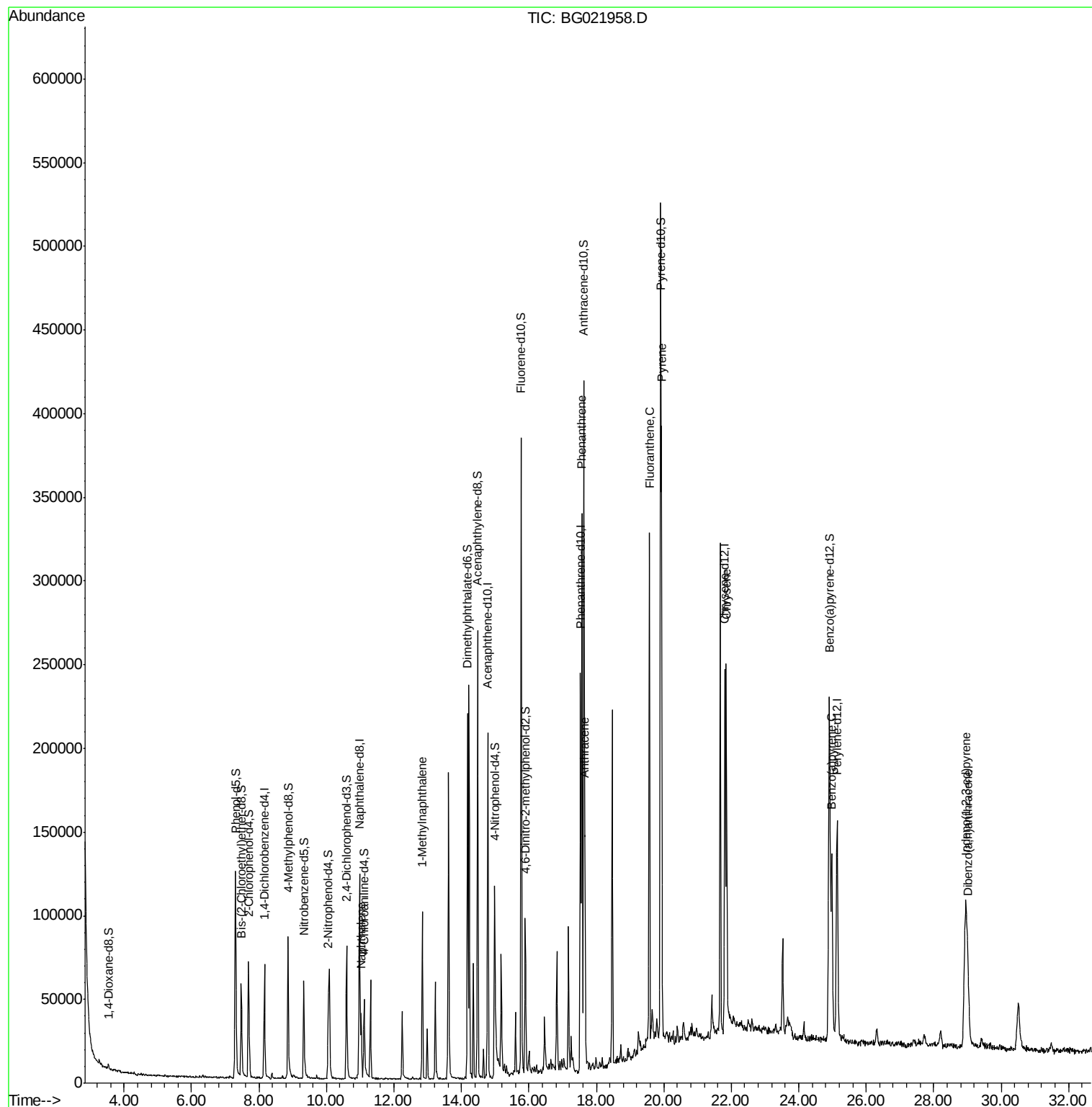
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021958.D
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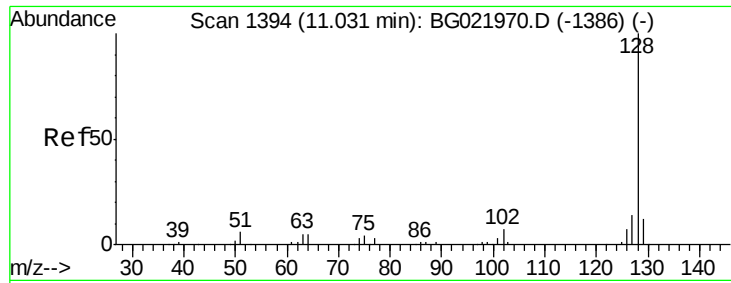
Instrument :
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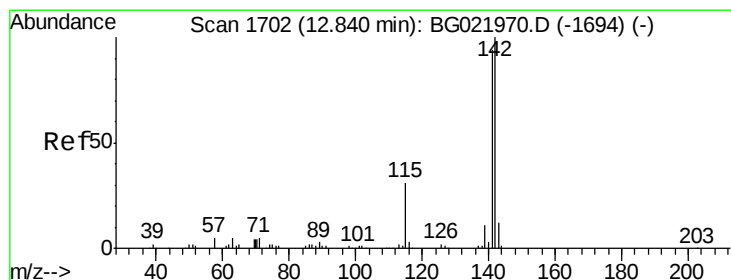
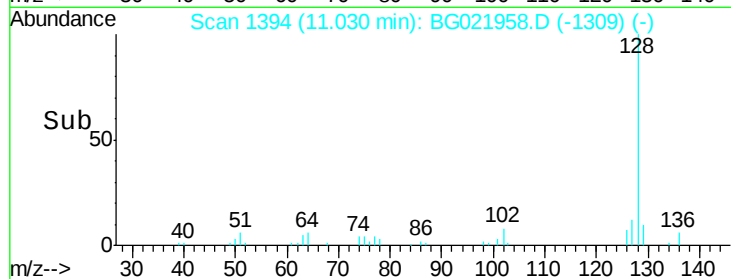
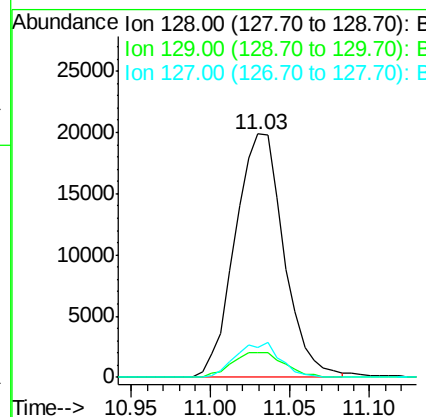
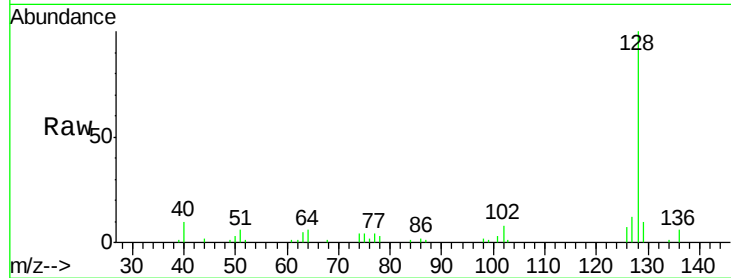
#11
Naphthalene
Concen: 6.41 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
BNA_G
ClientSampleId :
D9XD6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.3	12.5
127	12.3	10.8	16.2

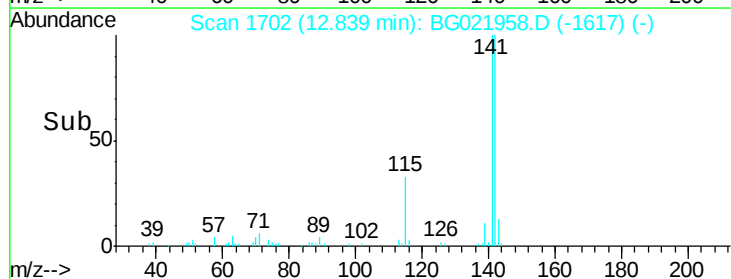
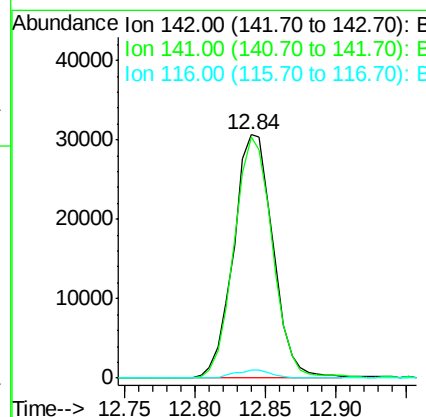
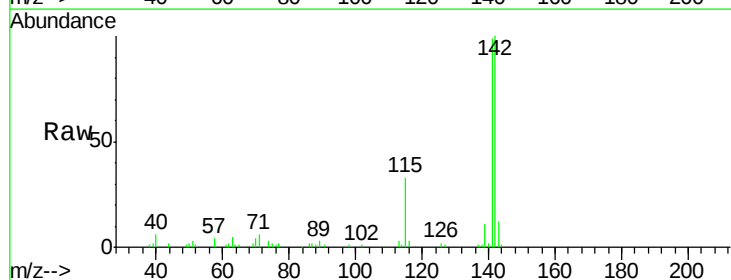
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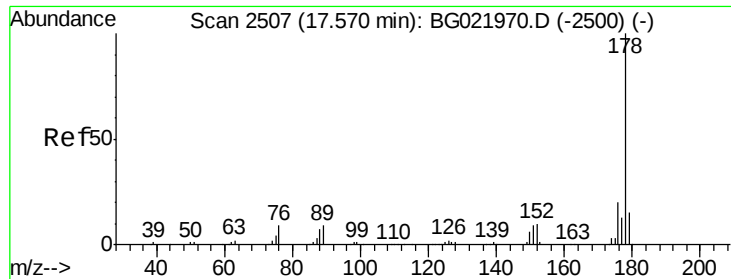
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#14
1-Methylnaphthalene
Concen: 12.18 ng/ul
RT: 12.84 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.3	77.0	115.4
116	3.3	4.2	6.4#





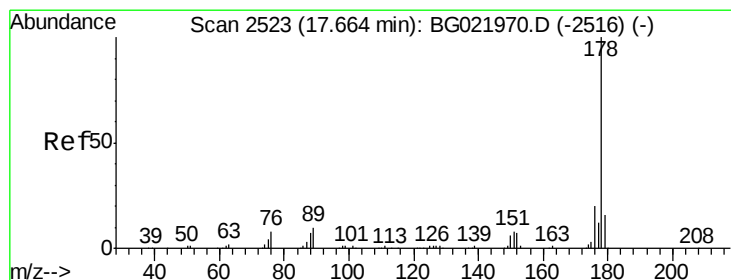
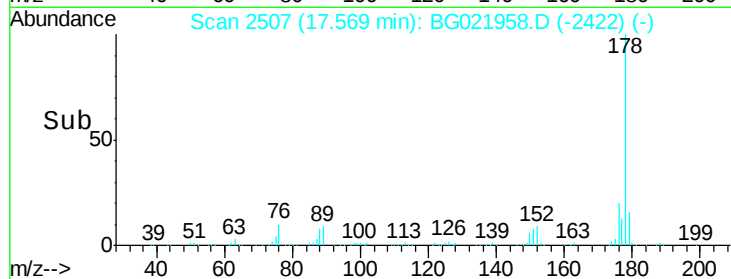
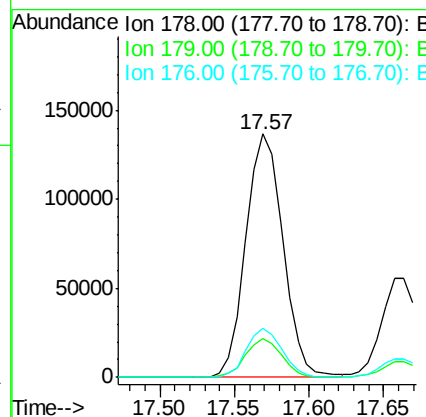
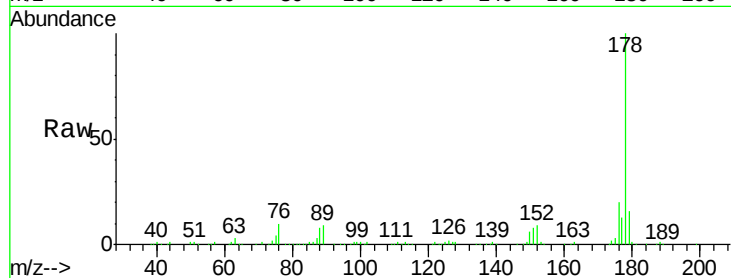
#25
Phenanthrene
Concen: 27.10 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
BNA_G
ClientSampleId :
D9XD6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	20.3	14.8	22.2

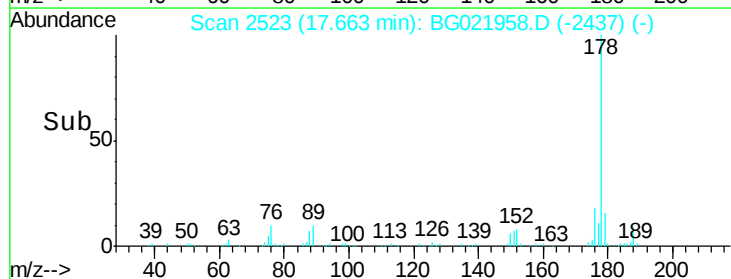
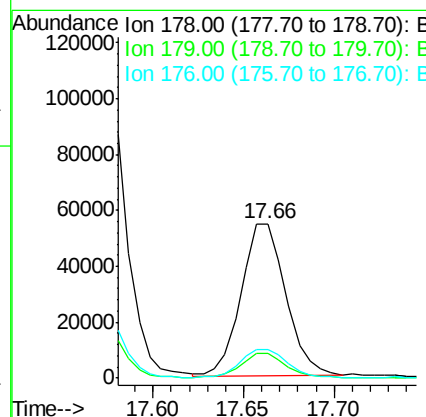
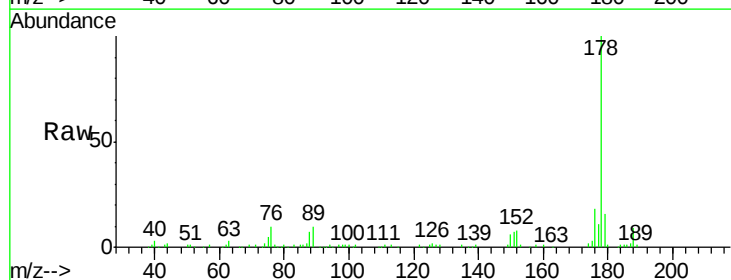
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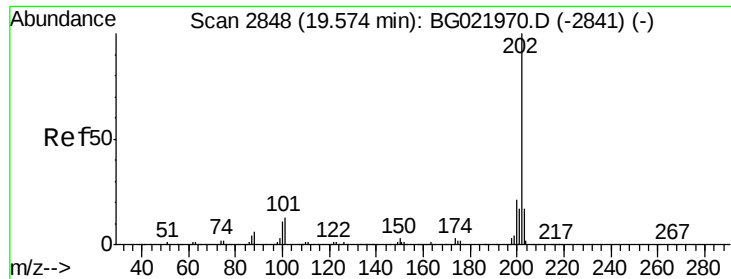
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#27
Anthracene
Concen: 10.58 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	18.1	15.6	23.4





#28

Fluoranthene

Concen: 22.77 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG021958.D

Acq: 19 May 2016 11:14

Instrument :

BNA_G

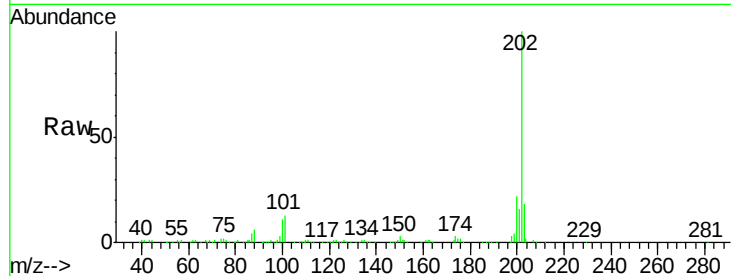
ClientSampleId :

D9XD6

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		206474		
101	12.9	8.9	13.3		
100	11.3	7.0	10.4		

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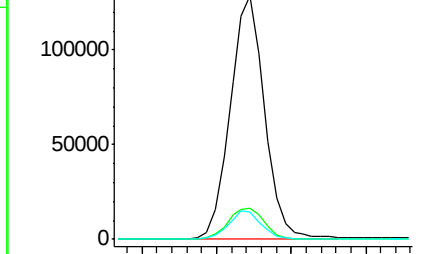
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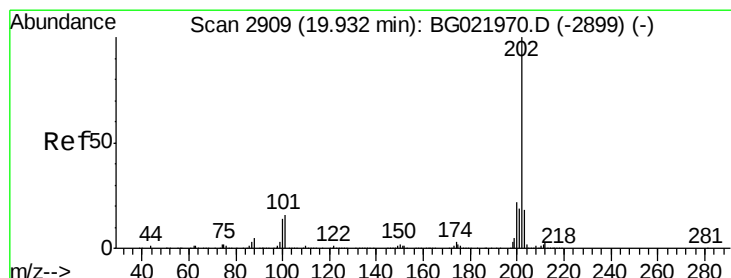
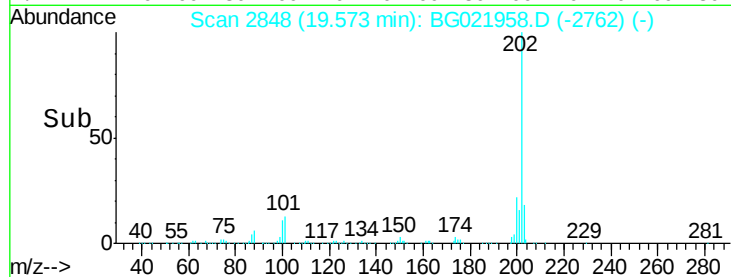
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#31

Pyrene

Concen: 21.75 ng/ul m

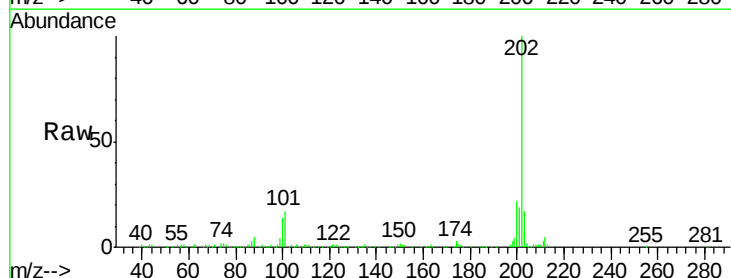
RT: 19.93 min Scan# 2909

Delta R.T. 0.00 min

Lab File: BG021958.D

Acq: 19 May 2016 11:14

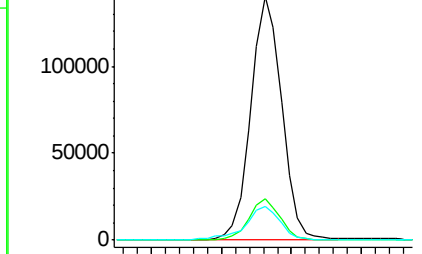
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		216105		
101	16.9	9.8	14.8		
100	14.0	9.3	13.9		



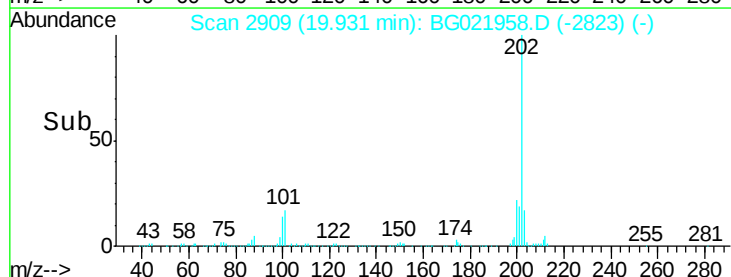
Abundance Ion 202.00 (201.70 to 202.70): E

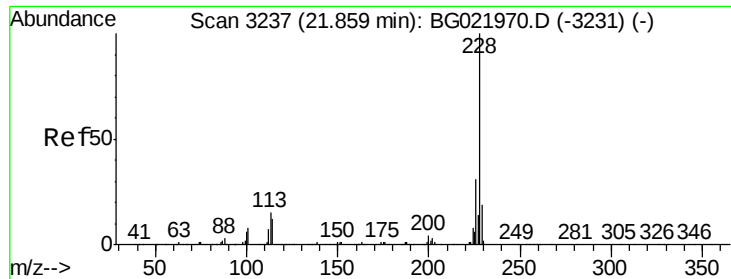
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





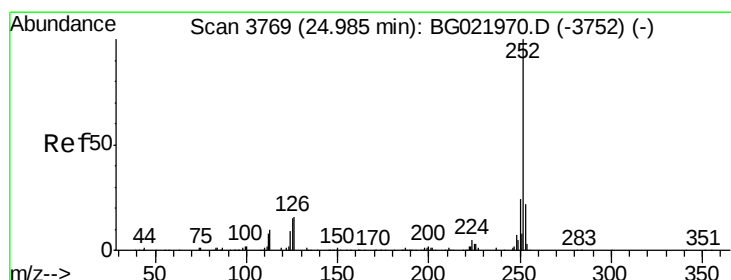
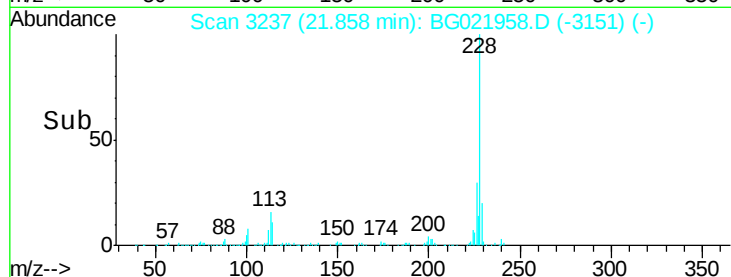
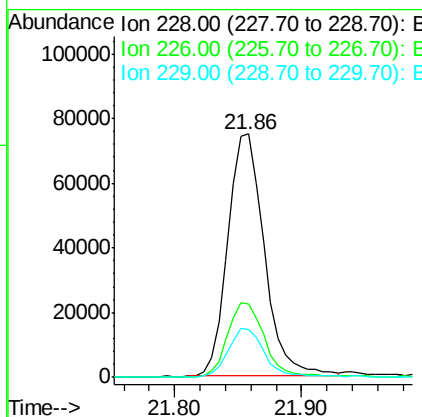
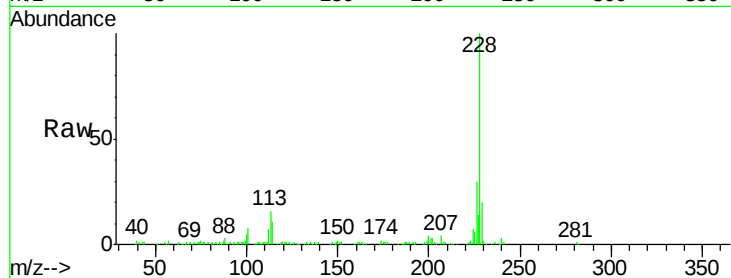
#33
Chrysene
Concen: 19.27 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	150053		
226	30.0		23.4	35.2
229	19.8		16.2	24.2

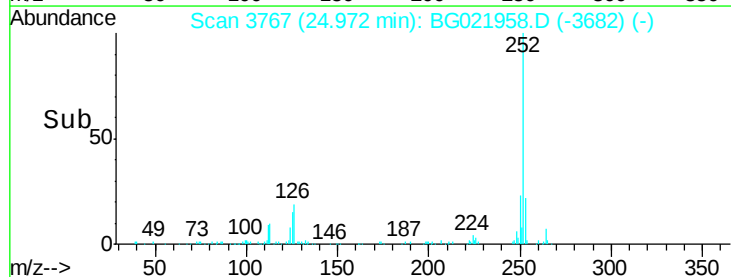
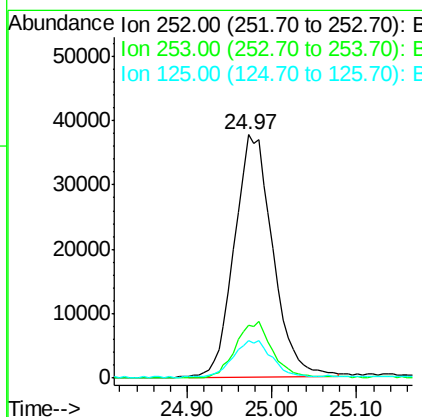
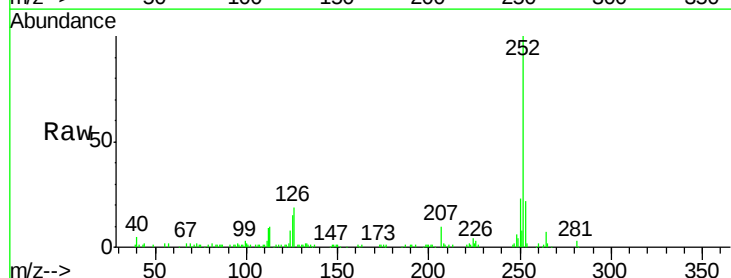
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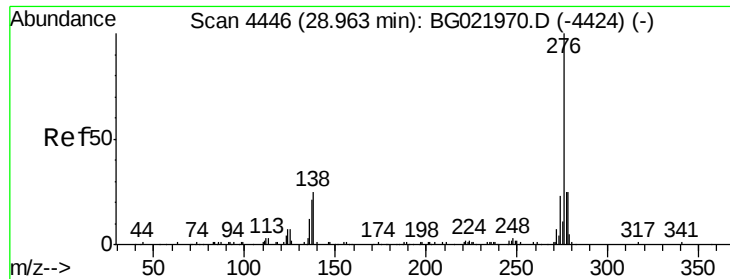
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#38
Benzo(a)pyrene
Concen: 16.46 ng/ul
RT: 24.97 min Scan# 3767
Delta R.T. -0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	119358		
253	21.8		17.4	26.0
125	15.4		8.2	12.2#





#39

Indeno(1,2,3-cd)pyrene

Concen: 20.42 ng/ul m

RT: 28.95 min Scan# 4444

Delta R.T. 0.01 min

Lab File: BG021958.D

Acq: 19 May 2016 11:14

Instrument :

BNA_G

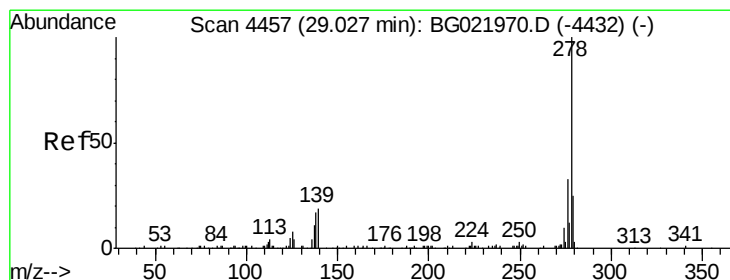
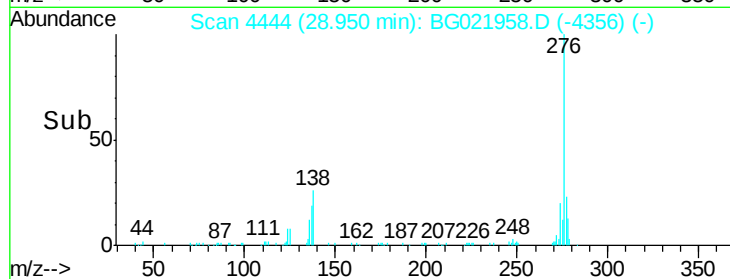
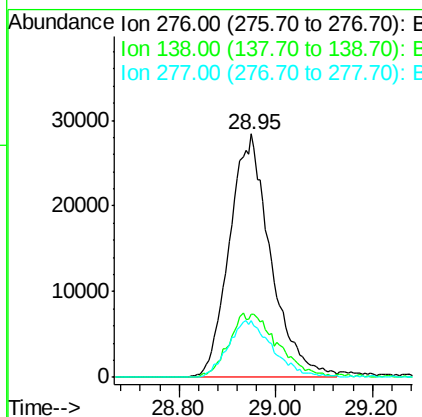
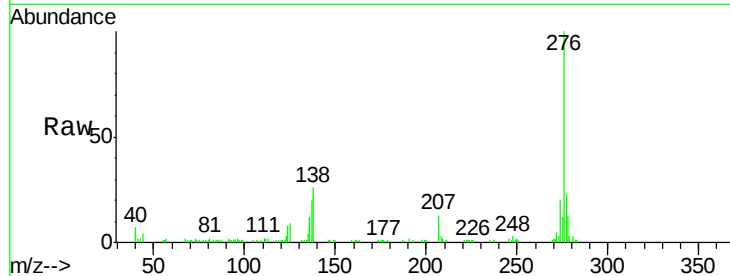
ClientSampleId :

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Tgt Ion:	276	Resp:	168324
Ion Ratio		Lower	Upper
276	100		
138	26.2	15.8	23.6#
277	23.5	19.0	28.6

Manual Integrations
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#40

Dibenzo(a,h)anthracene

Concen: 12.40 ng/ul

RT: 29.01 min Scan# 4454

Delta R.T. 0.01 min

Lab File: BG021958.D

Acq: 19 May 2016 11:14

Tgt Ion:	278	Resp:	84693
Ion Ratio		Lower	Upper
278	100		
139	18.1	12.1	18.1
279	22.6	19.8	29.8

