

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026307.D
 Acq On : 18 Mar 2017 7:44
 Operator : SJ/MA
 Sample : I2283-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB307

Manual Integrations
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Quant Time: Mar 20 03:33:47 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	161061	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	761230	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	408777	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	811517	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	812906	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	769990	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	33480	2.97	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	758881	21.77	ng/ul	0.00
10) Fluorene-d10	15.64	176	539735	21.23	ng/ul	0.00
15) Anthracene-d10	17.49	188	731683	20.29	ng/ul	0.00
19) Pyrene-d10	19.76	212	751774	18.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	674814	20.32	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.90	128	45517	1.22	ng/ul	97
9) Acenaphthene	14.72	153	33276	1.32	ng/ul	97
11) Fluorene	15.70	166	32566	1.15	ng/ul	93
14) Phenanthrene	17.43	178	523899	12.18	ng/ul	99
16) Anthracene	17.52	178	103979	2.39	ng/ul	99
17) Fluoranthene	19.43	202	887921	19.89	ng/ul	99
20) Pyrene	19.79	202	783768	15.14	ng/ul	99
21) Benzo(a)anthracene	21.62	228	479895	10.61	ng/ul	98
22) Chrysene	21.68	228	488256	11.57	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	668194	15.28	ng/ul	98
25) Benzo(k)fluoranthene	23.88	252	245924m	5.89	ng/ul	
27) Benzo(a)pyrene	24.68	252	424863	10.46	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.46	276	254804	5.68	ng/ul	97
29) Dibenzo(a,h)anthracene	28.49	278	63070m	1.77	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	215852m	5.62	ng/ul	

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

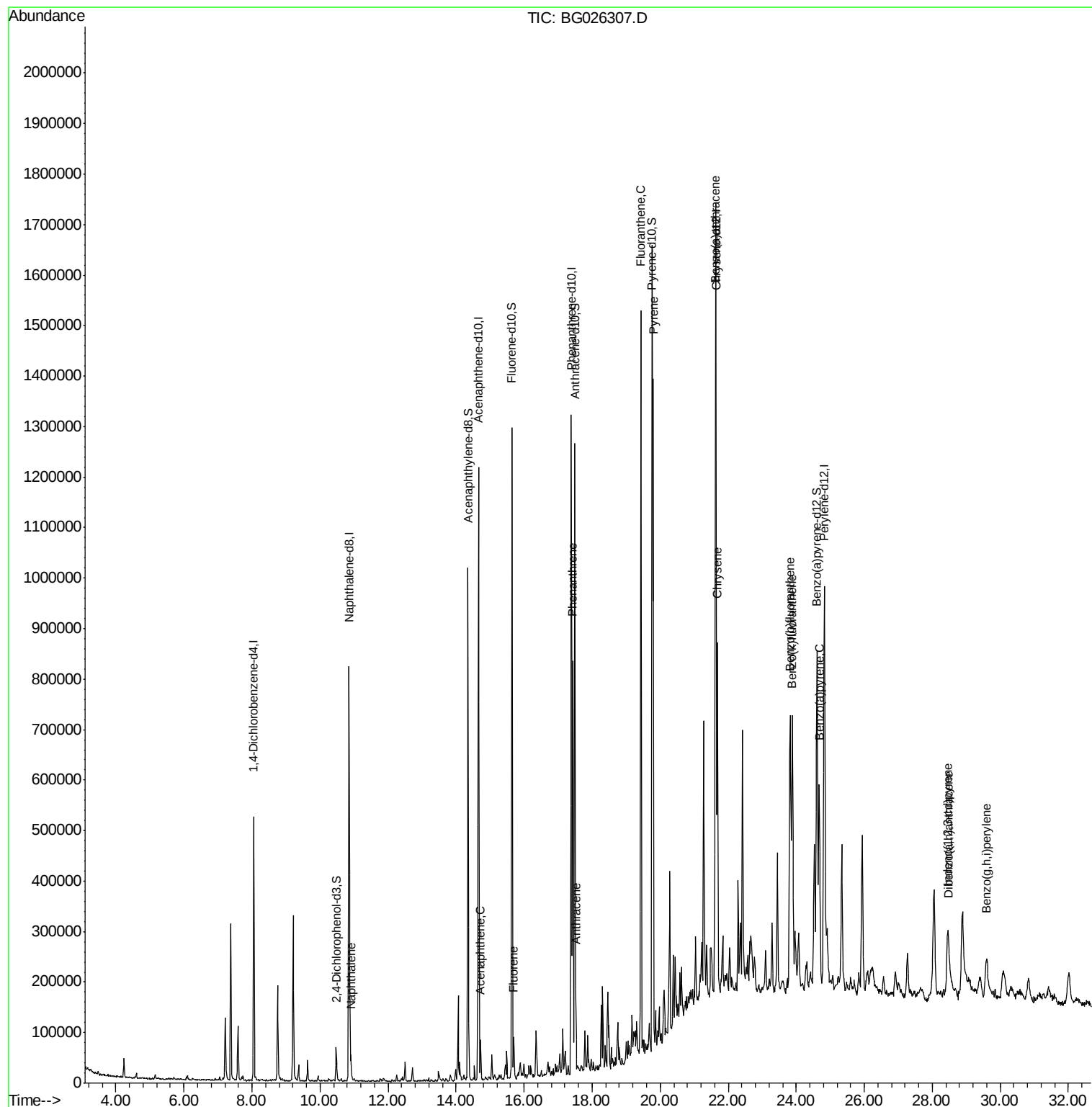
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
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ALS Vial : 30 Sample Multiplier: 1

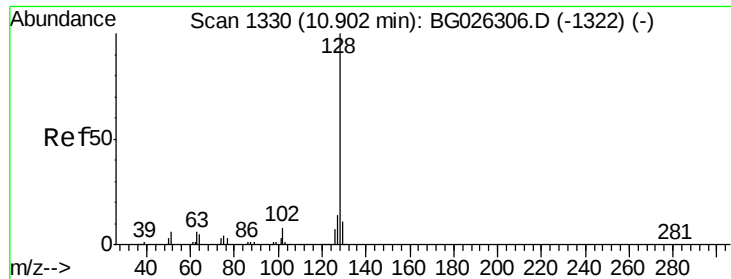
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Response via : Initial Calibration





#4

Naphthalene

Concen: 1.22 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG026307.D

Acq: 18 Mar 2017 7:44

Instrument :

BNA_G

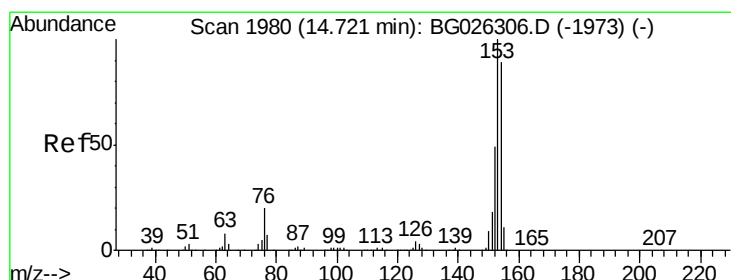
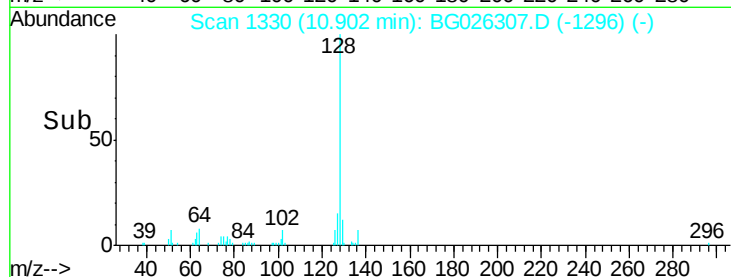
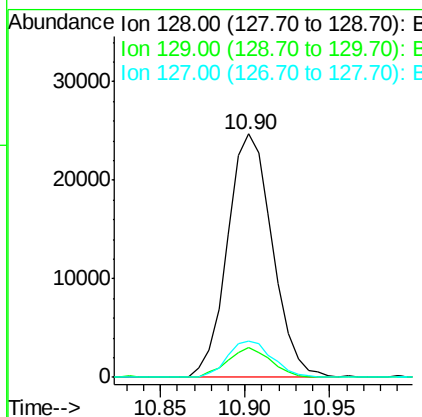
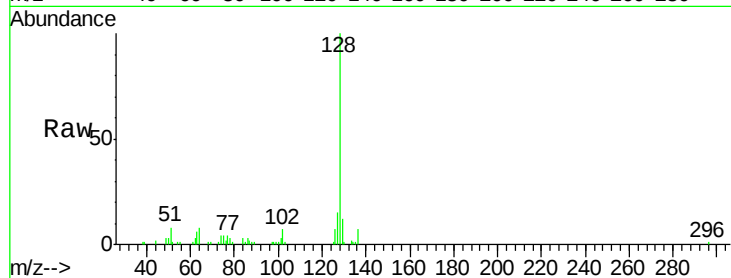
ClientSampleId :

CB307

Tgt Ion:	128	Resp:	45517
Ion Ratio		Lower	Upper
128	100		
129	12.1	9.1	13.7
127	14.9	10.6	15.8

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#9

Acenaphthene

Concen: 1.32 ng/ul

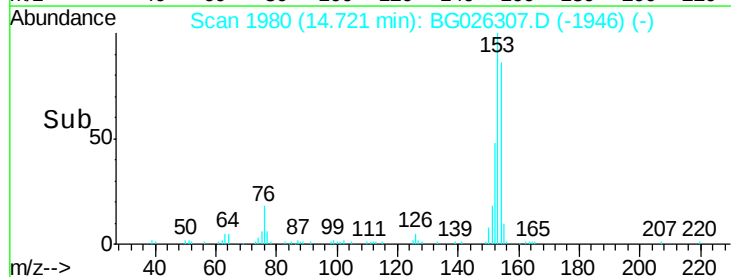
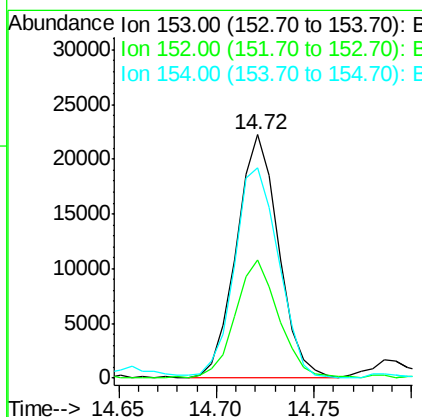
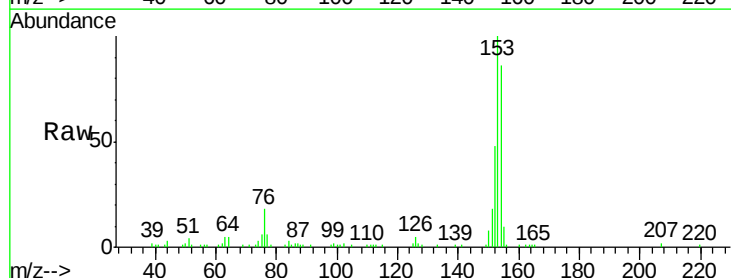
RT: 14.72 min Scan# 1980

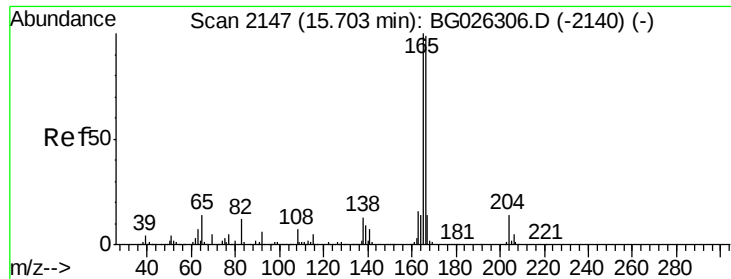
Delta R.T. -0.00 min

Lab File: BG026307.D

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Tgt Ion:	153	Resp:	33276
Ion Ratio		Lower	Upper
153	100		
152	48.4	37.9	56.9
154	86.2	71.6	107.4





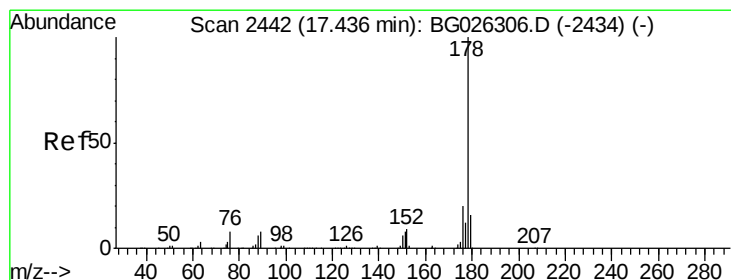
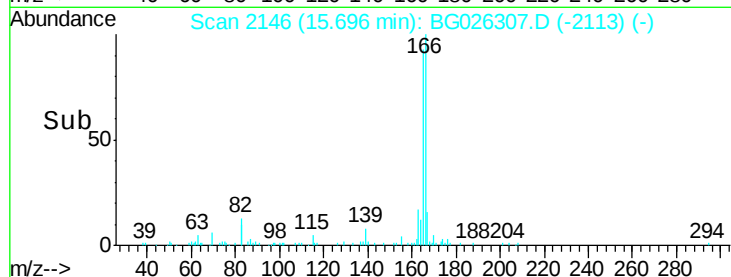
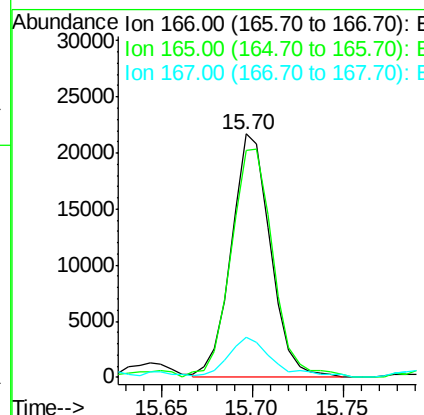
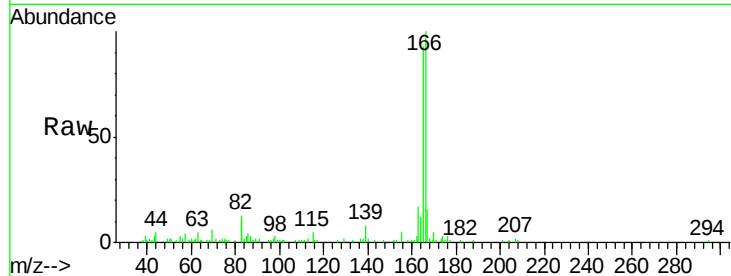
#11
Fluorene
Concen: 1.15 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG026307.D
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BNA_G
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	32566		
165	93.1	80.0	120.0	
167	16.4	11.6	17.4	

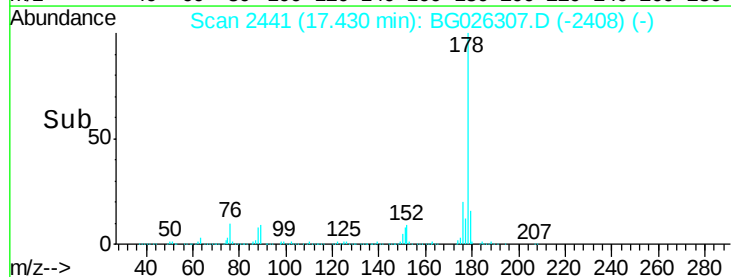
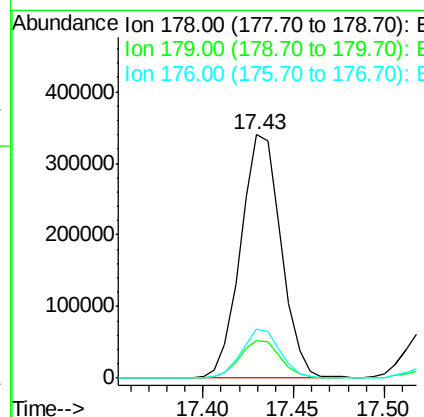
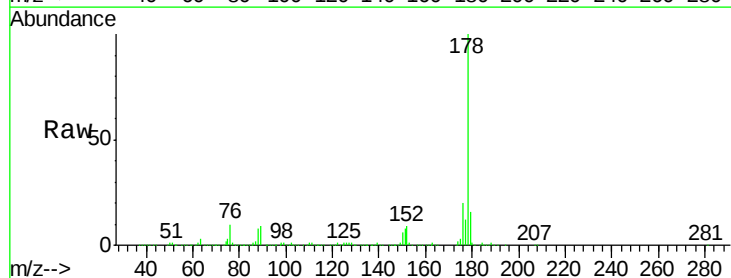
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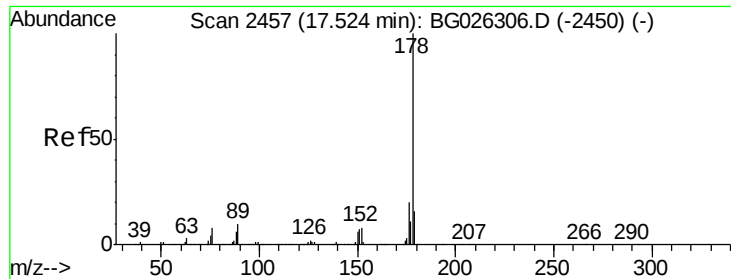
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#14
Phenanthrene
Concen: 12.18 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG026307.D
Acq: 18 Mar 2017 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	523899		
179	15.6	12.2	18.4	
176	19.9	16.4	24.6	





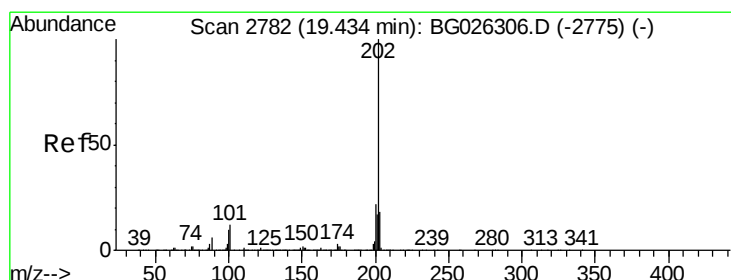
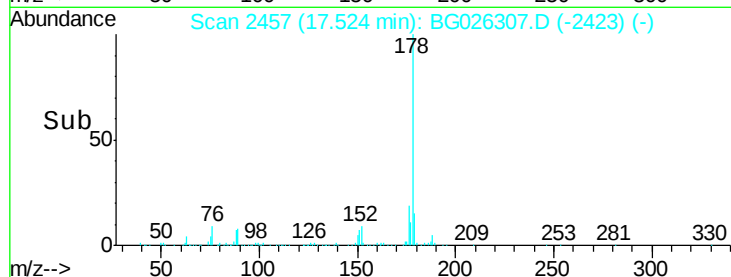
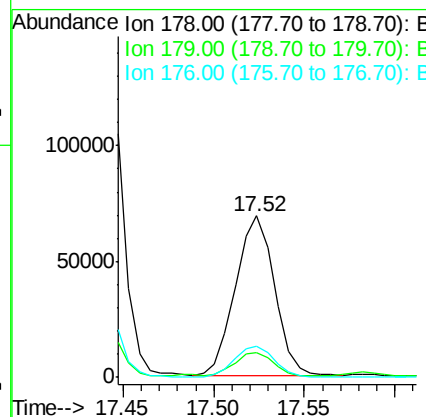
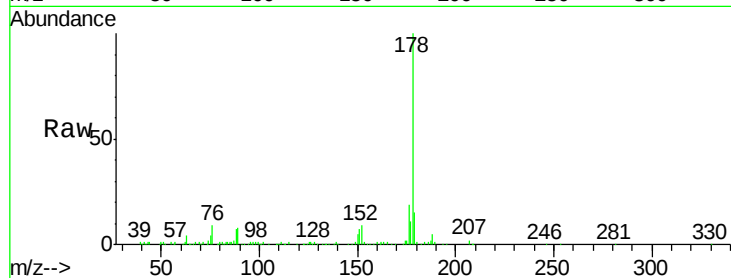
#16
 Anthracene
 Concen: 2.39 ng/ul
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG026307.D
 Acq: 18 Mar 2017 7:44

Instrument :
 BNA_G
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.7	19.1
176	19.4	15.8	23.8

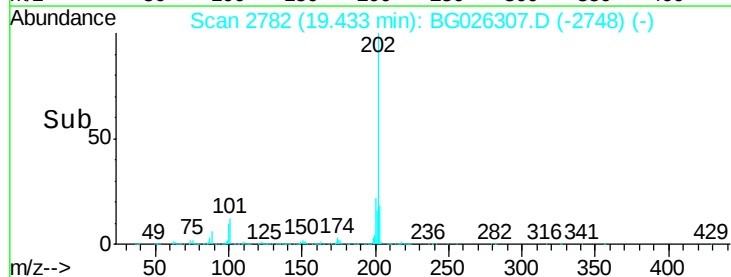
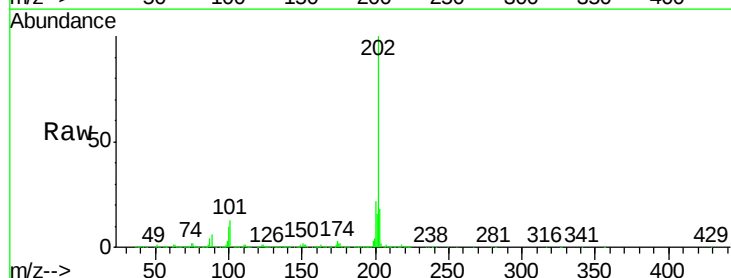
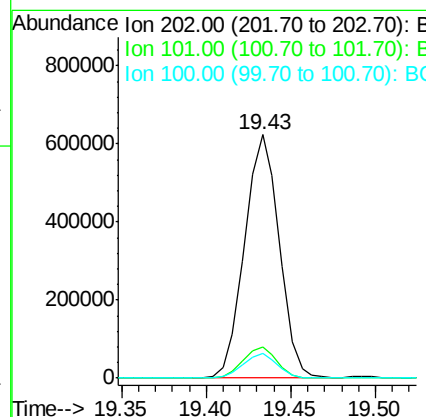
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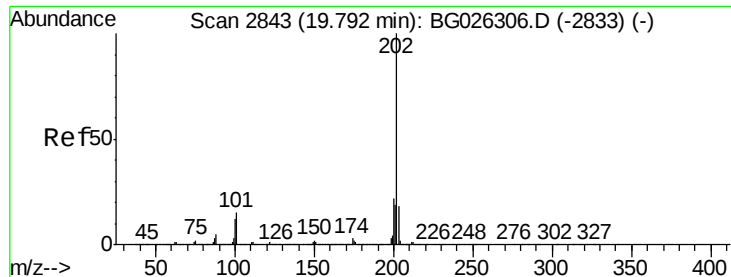
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#17
 Fluoranthene
 Concen: 19.89 ng/ul
 RT: 19.43 min Scan# 2782
 Delta R.T. -0.00 min
 Lab File: BG026307.D
 Acq: 18 Mar 2017 7:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
100	10.2	7.5	11.3





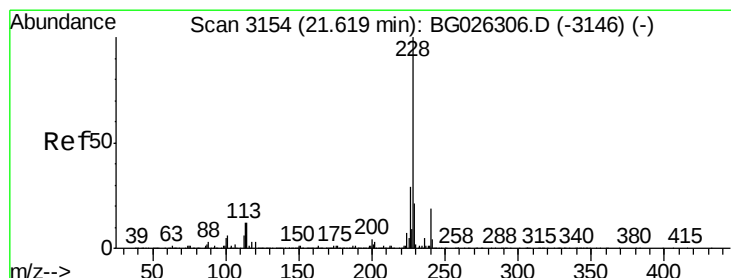
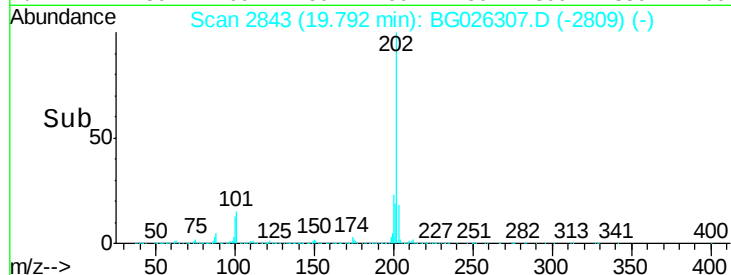
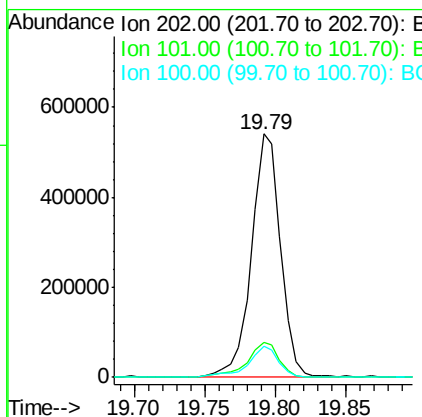
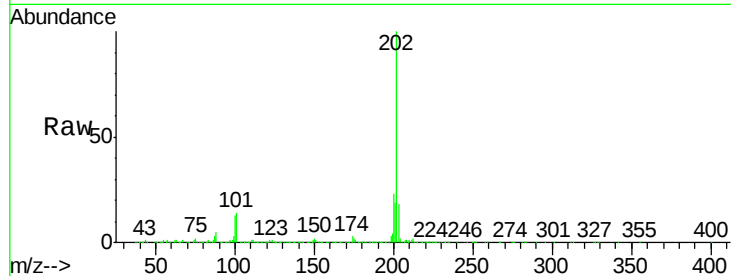
#20
 Pyrene
 Concen: 15.14 ng/ul
 RT: 19.79 min Scan# 2843
 Delta R.T. -0.00 min
 Lab File: BG026307.D
 Acq: 18 Mar 2017 7:44

Instrument :
 BNA_G
 ClientSampleId :
 CB307

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.5	11.2	16.8
100	12.8	9.8	14.6

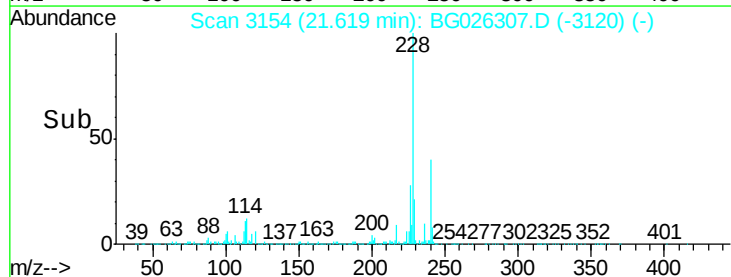
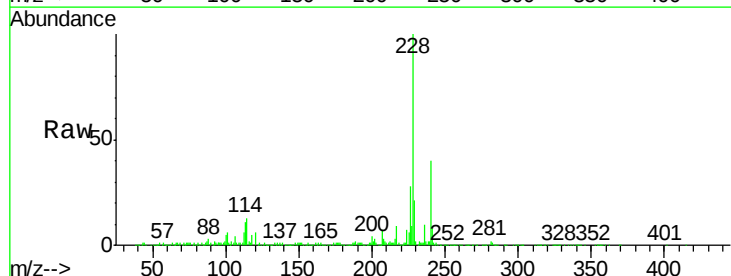
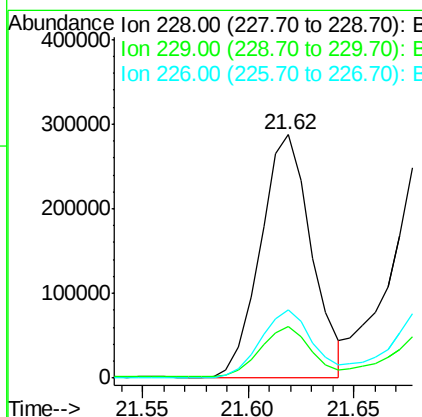
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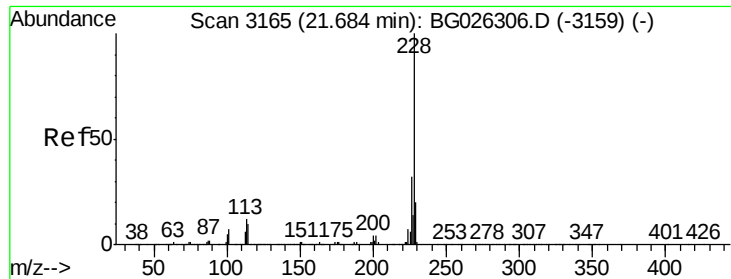
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#21
 Benzo(a)anthracene
 Concen: 10.61 ng/ul
 RT: 21.62 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG026307.D
 Acq: 18 Mar 2017 7:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.4	15.9	23.9
226	28.2	22.1	33.1





#22

Chrysene

Concen: 11.57 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG026307.D

Acq: 18 Mar 2017 7:44

Instrument :

BNA_G

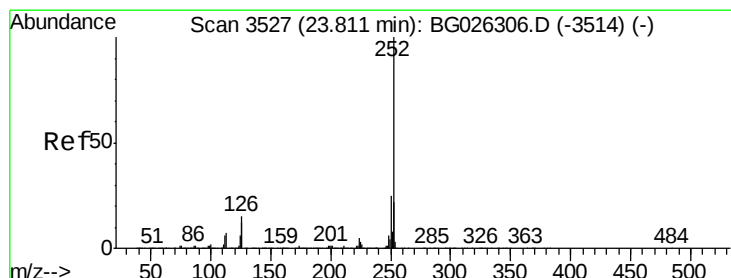
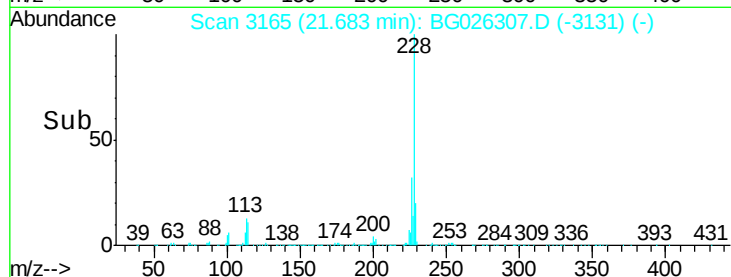
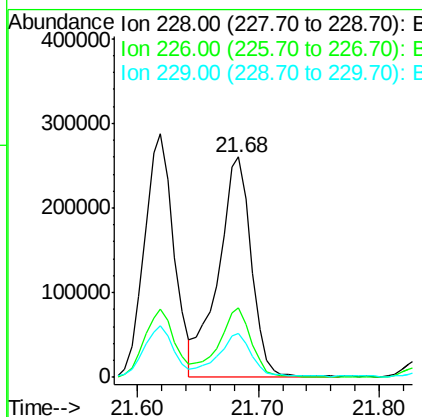
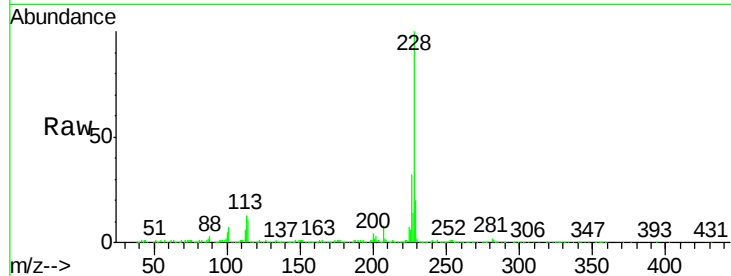
ClientSampleId :

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Tgt Ion:	228	Resp:	488256
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	20.0	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 15.28 ng/ul

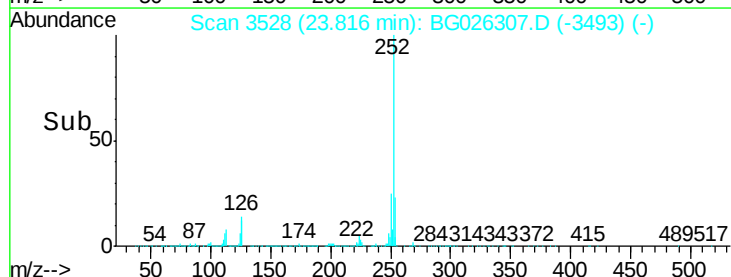
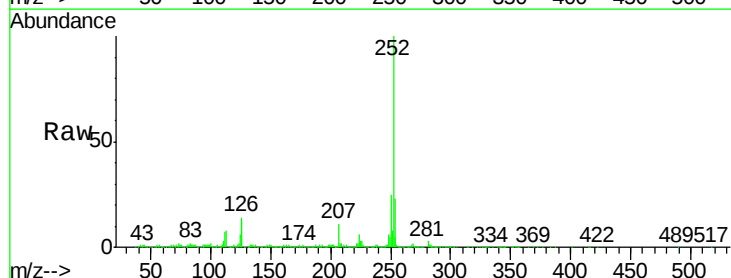
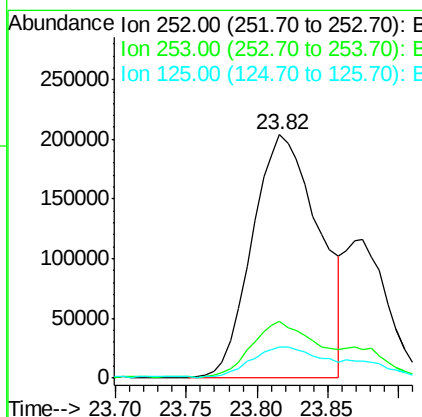
RT: 23.82 min Scan# 3528

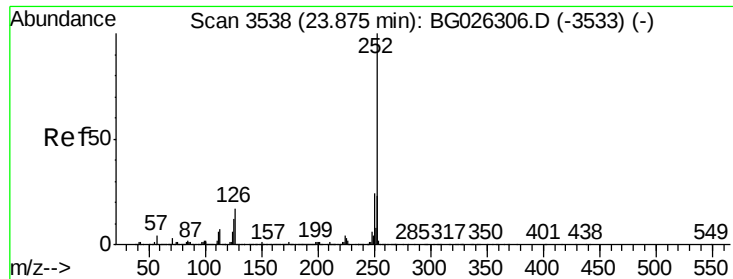
Delta R.T. 0.01 min

Lab File: BG026307.D

Acq: 18 Mar 2017 7:44

Tgt Ion:	252	Resp:	668194
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	12.7	9.4	14.0





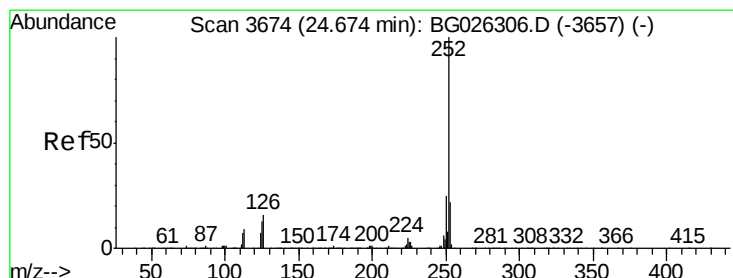
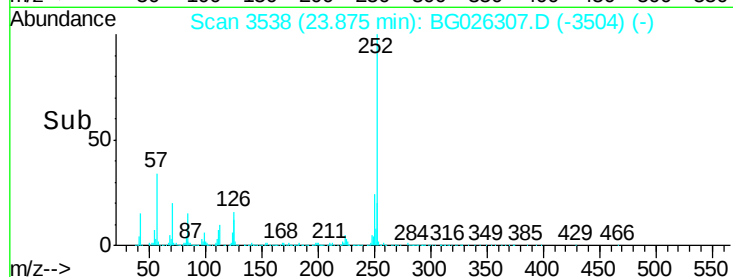
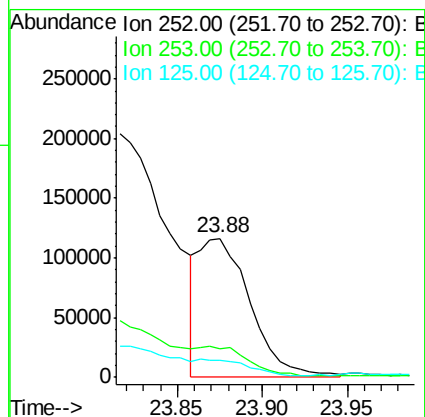
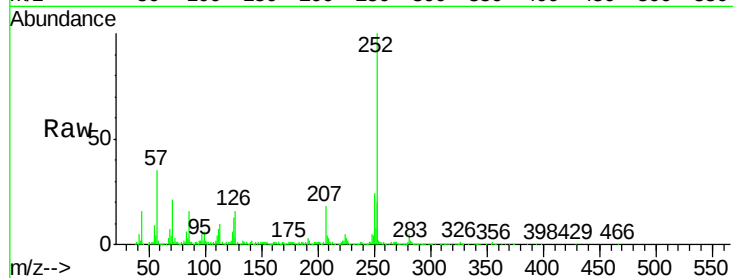
#25
Benzo(k)fluoranthene
Concen: 5.89 ng/ul m
RT: 23.88 min Scan# 3538
Delta R.T. -0.00 min
Lab File: BG026307.D
Acq: 18 Mar 2017 7:44

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Tgt Ion:	252	Resp:	245924
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.4	26.2
125	12.7	8.8	13.2

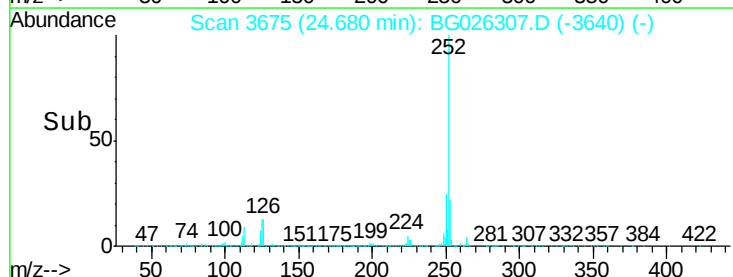
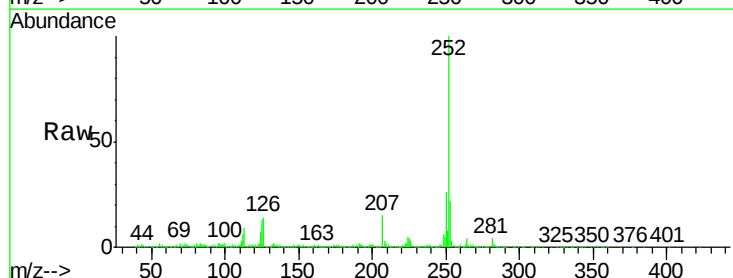
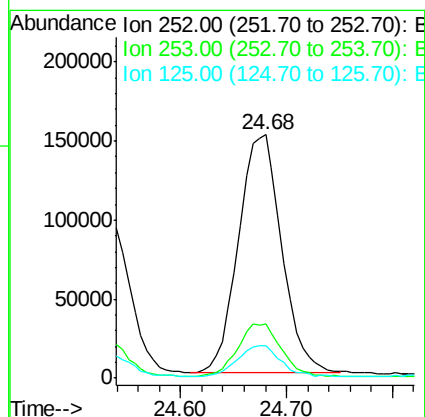
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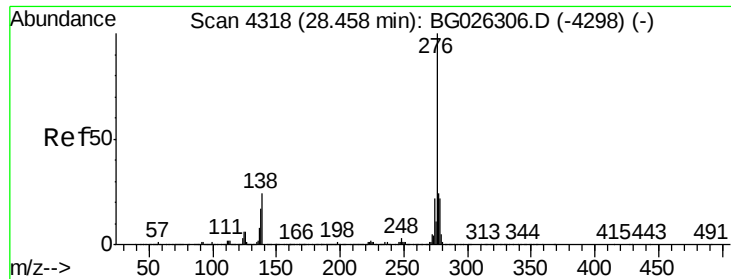
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#27
Benzo(a)pyrene
Concen: 10.46 ng/ul
RT: 24.68 min Scan# 3675
Delta R.T. 0.01 min
Lab File: BG026307.D
Acq: 18 Mar 2017 7:44

Tgt Ion:	252	Resp:	424863
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	13.5	9.4	14.2





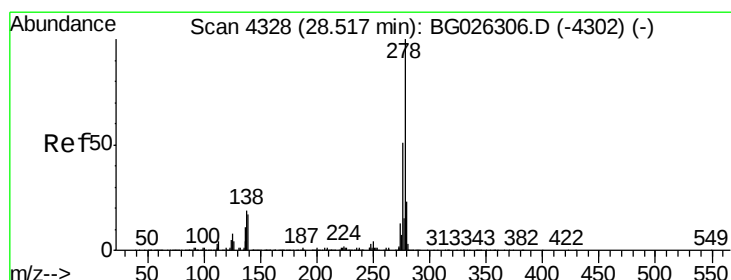
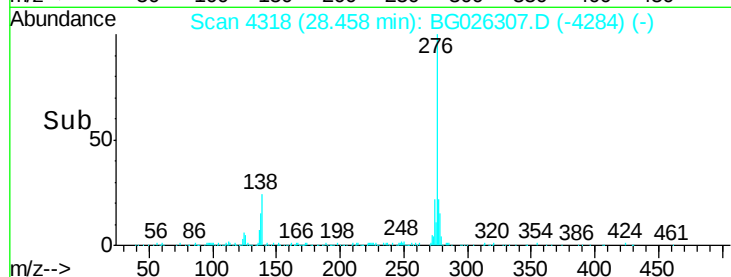
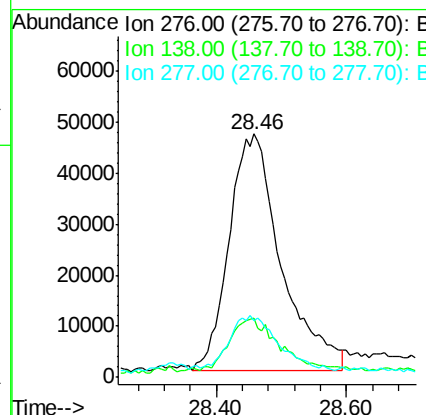
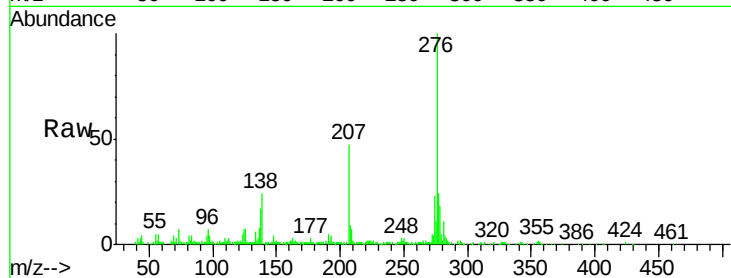
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 5.68 ng/ul
 RT: 28.46 min Scan# 4318
 Delta R.T. -0.00 min
 Lab File: BG026307.D
 Acq: 18 Mar 2017 7:44

Instrument :
 BNA_G
 ClientSampleId :
 CB307

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	17.8	26.6
277	23.5	19.4	29.0

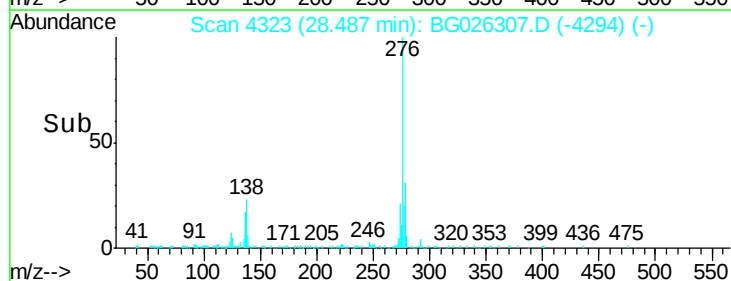
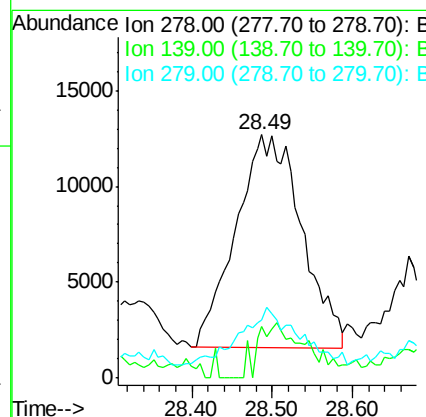
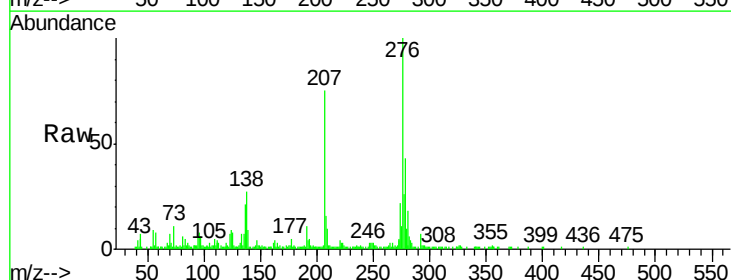
Manual Integrations
 APPROVED

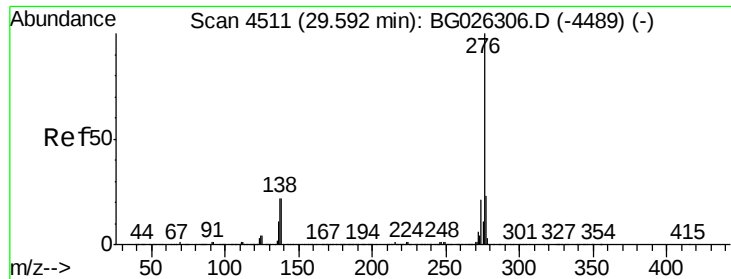
mohammad
 3/20/2017 12:55:35 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 1.77 ng/ul m
 RT: 28.49 min Scan# 4323
 Delta R.T. -0.03 min
 Lab File: BG026307.D
 Acq: 18 Mar 2017 7:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	14.0	21.0#
279	23.8	20.6	31.0





#30
 Benzo(g,h,i)perylene
 Concen: 5.62 ng/ul m
 RT: 29.59 min Scan# 4511
 Delta R.T. -0.00 min
 Lab File: BG026307.D
 Acq: 18 Mar 2017 7:44

Instrument :
 BNA_G
 ClientSampleId :
 CB307

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	215852		
138	24.9	19.0	28.4	
277	22.1	19.7	29.5	

Manual Integrations
 APPROVED

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