

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026287.D
 Acq On : 17 Mar 2017 17:59
 Operator : SJ/MA
 Sample : I2218-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y6

Manual Integrations
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mohammad
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Quant Time: Mar 17 18:49:47 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	139891	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	651331	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	352099	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	687402	20.00	ng/ul	0.00
18) Chrysene-d12	21.63	240	671856	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	618810	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	52704	5.46	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	655727	21.84	ng/ul	0.00
10) Fluorene-d10	15.65	176	458624	20.94	ng/ul	0.00
15) Anthracene-d10	17.49	188	607315	19.88	ng/ul	0.00
19) Pyrene-d10	19.77	212	658023	19.19	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	578227	21.67	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.90	128	33994	1.07	ng/ul	95
9) Acenaphthene	14.72	153	25719	1.19	ng/ul	95
11) Fluorene	15.70	166	34987	1.43	ng/ul	94
14) Phenanthrene	17.43	178	562802	15.45	ng/ul	99
16) Anthracene	17.52	178	85043	2.31	ng/ul	95
17) Fluoranthene	19.44	202	795456	21.03	ng/ul	99
20) Pyrene	19.79	202	674836	15.78	ng/ul	99
21) Benzo(a)anthracene	21.62	228	354610	9.48	ng/ul	98
22) Chrysene	21.68	228	349894	10.03	ng/ul	98
24) Benzo(b)fluoranthene	23.81	252	478884	13.63	ng/ul	99
25) Benzo(k)fluoranthene	23.87	252	160579m	4.79	ng/ul	
27) Benzo(a)pyrene	24.67	252	274781	8.42	ng/ul#	97
28) Indeno(1,2,3-cd)pyrene	28.45	276	168180	4.67	ng/ul#	95
29) Dibenzo(a,h)anthracene	28.50	278	42096m	1.47	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	120945	3.92	ng/ul	99

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

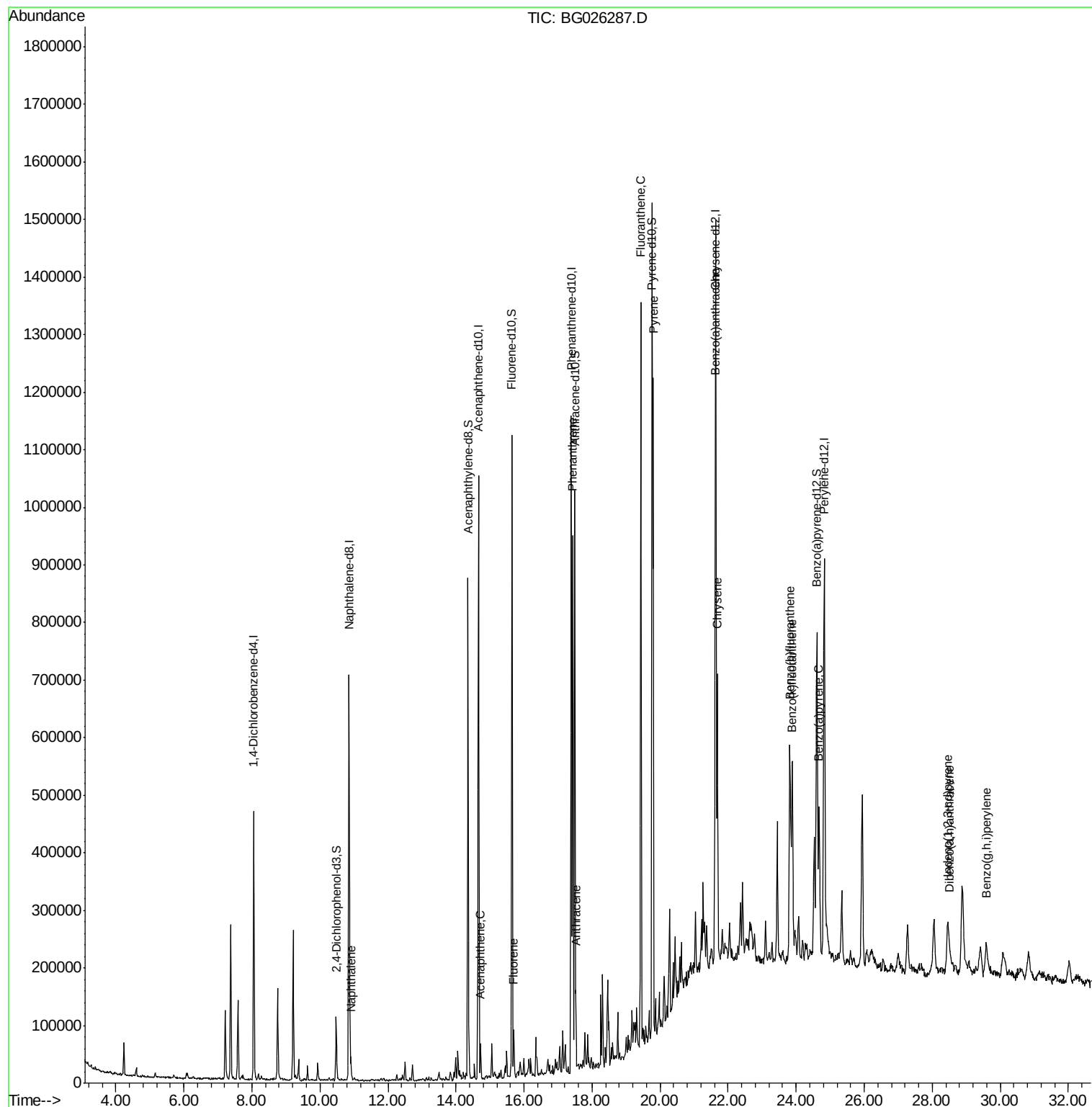
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
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ALS Vial : 12 Sample Multiplier: 1

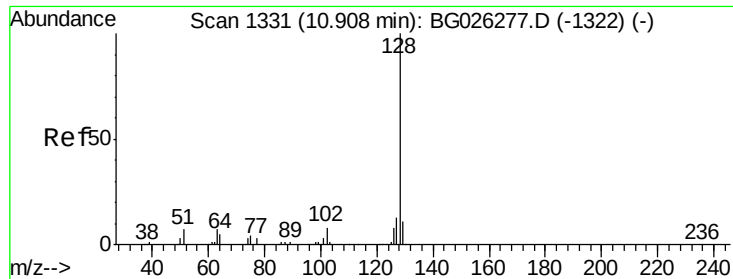
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#4

Naphthalene

Concen: 1.07 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG026287.D

Acq: 17 Mar 2017 17:59

Instrument :

BNA_G

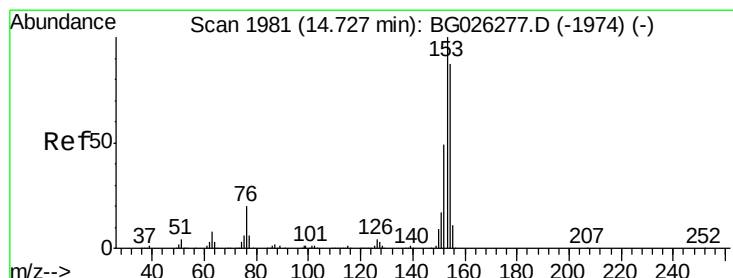
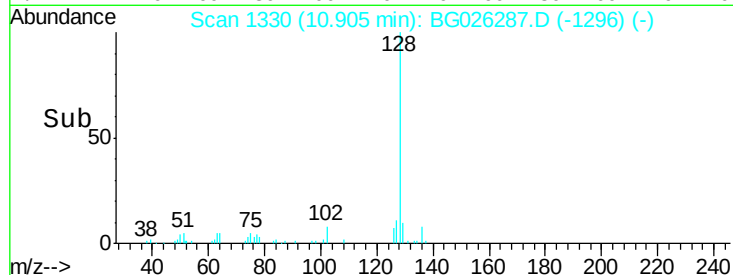
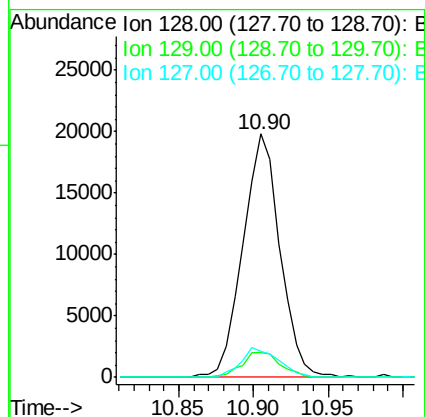
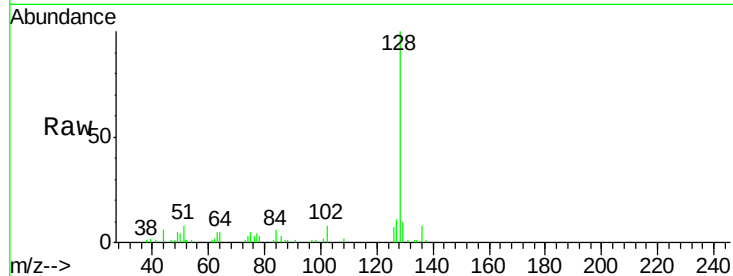
ClientSampled :

CB2Y6

Tgt Ion:	128	Resp:	33994
Ion Ratio	Lower	Upper	
128	100		
129	10.2	9.1	13.7
127	10.7	10.6	15.8

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#9

Acenaphthene

Concen: 1.19 ng/ul

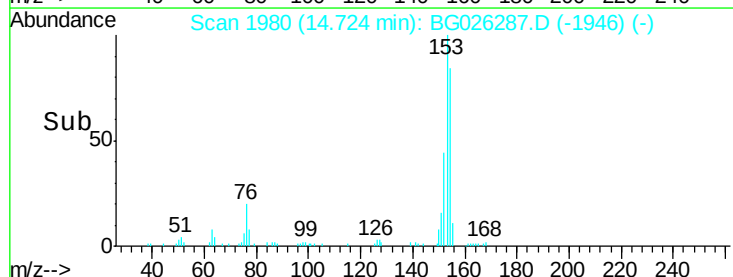
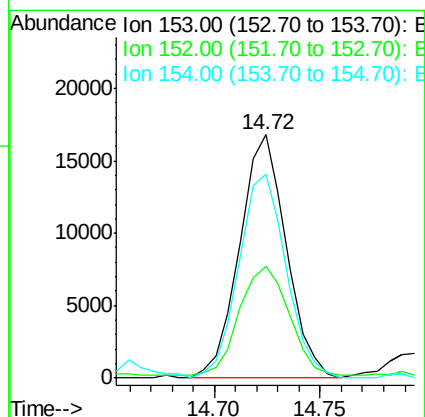
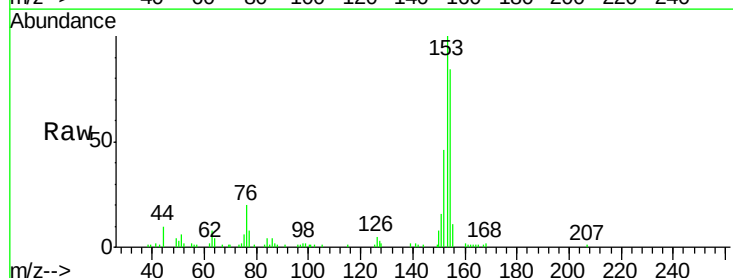
RT: 14.72 min Scan# 1980

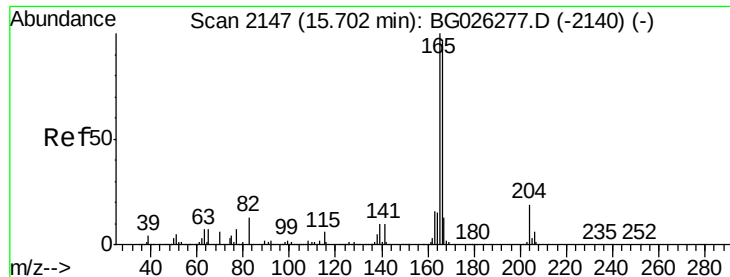
Delta R.T. -0.00 min

Lab File: BG026287.D

Acq: 17 Mar 2017 17:59

Tgt Ion:	153	Resp:	25719
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.9	56.9
154	83.6	71.6	107.4





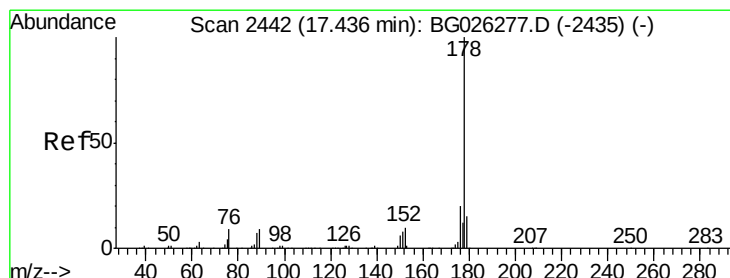
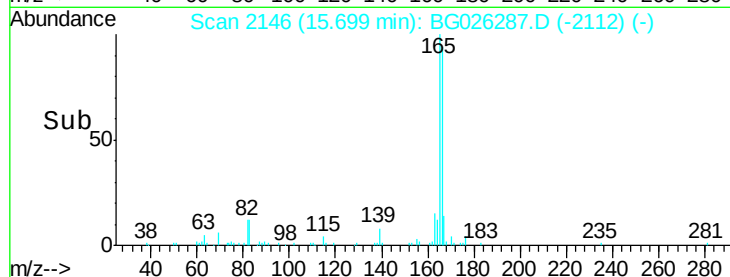
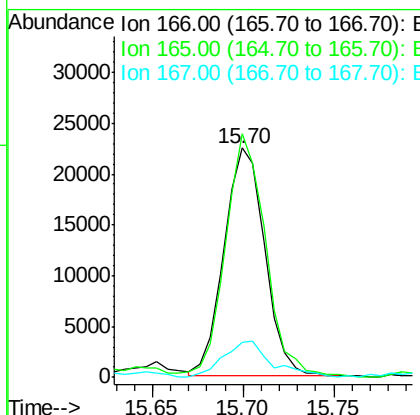
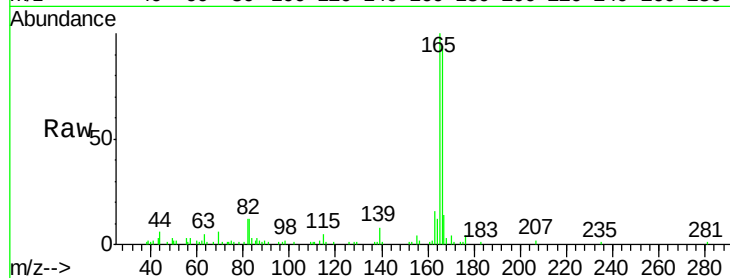
#11
Fluorene
Concen: 1.43 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG026287.D
Acq: 17 Mar 2017 17:59

Instrument :
BNA_G
ClientSampleId :
CB2Y6

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	34987		
165	106.2	80.0	120.0	
167	15.2	11.6	17.4	

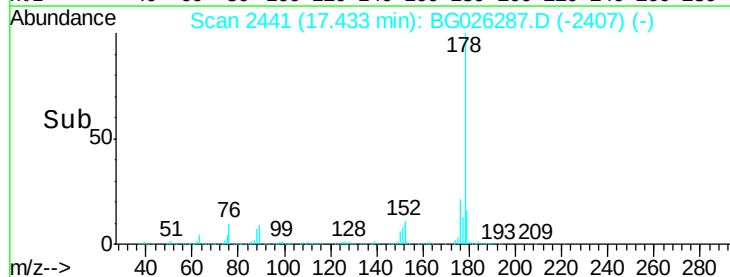
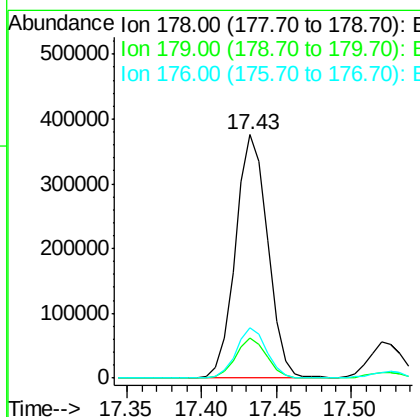
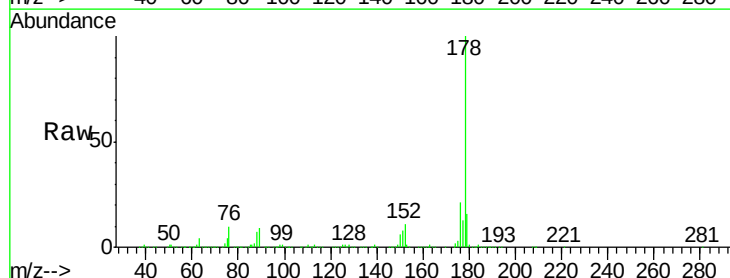
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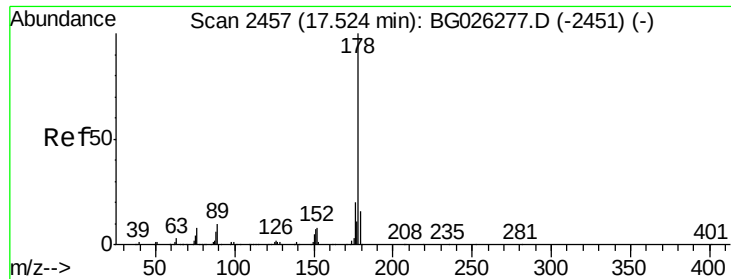
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#14
Phenanthrene
Concen: 15.45 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026287.D
Acq: 17 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	562802		
179	16.5	12.2	18.4	
176	20.5	16.4	24.6	





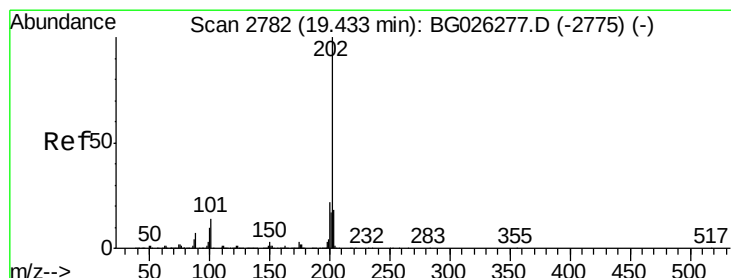
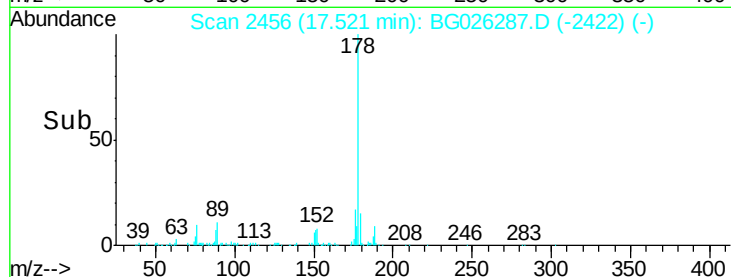
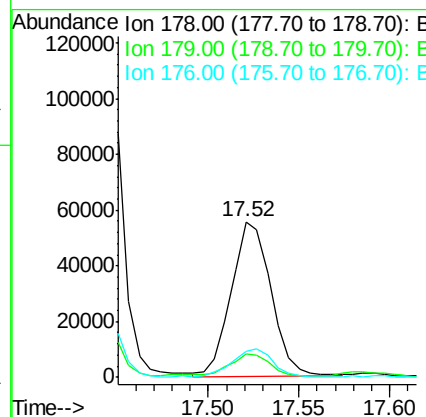
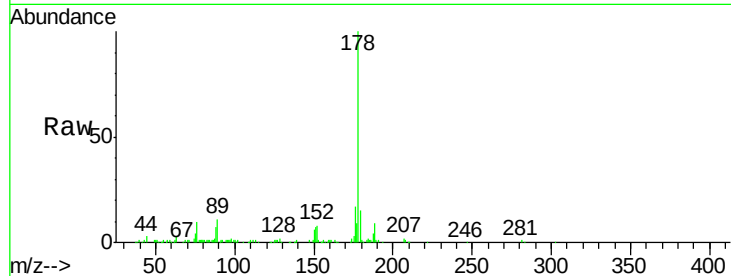
#16
 Anthracene
 Concen: 2.31 ng/ul
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG026287.D
 Acq: 17 Mar 2017 17:59

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.7	19.1
176	16.6	15.8	23.8

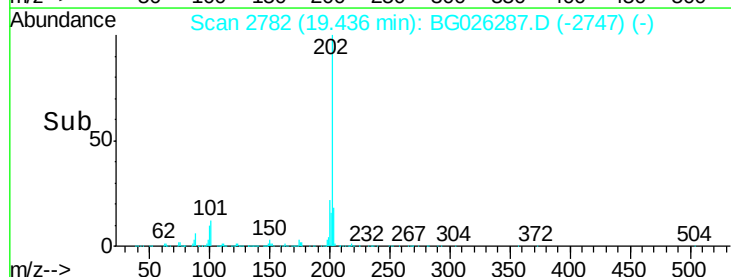
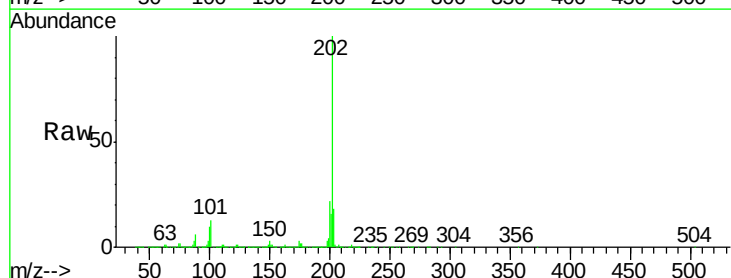
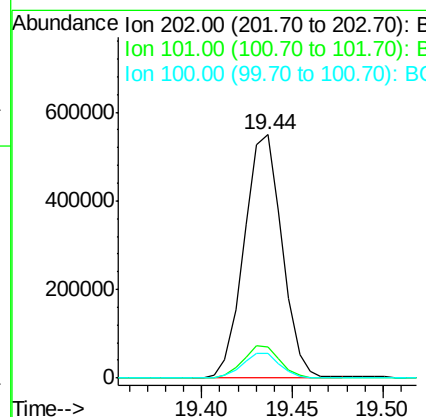
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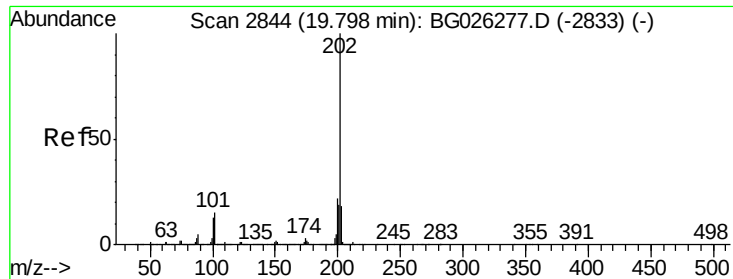
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#17
 Fluoranthene
 Concen: 21.03 ng/ul
 RT: 19.44 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BG026287.D
 Acq: 17 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
100	10.1	7.5	11.3





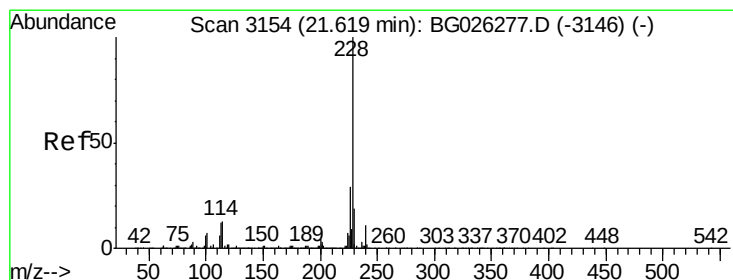
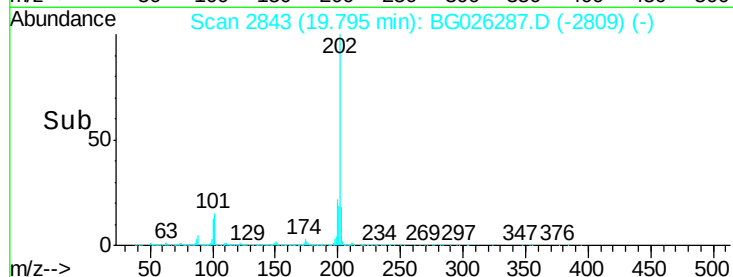
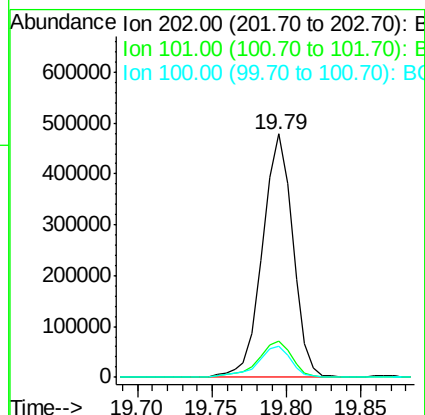
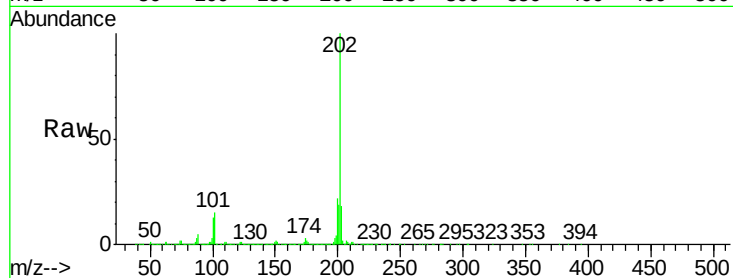
#20
Pyrene
Concen: 15.78 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026287.D
Acq: 17 Mar 2017 17:59

Instrument :
BNA_G
ClientSampleId :
CB2Y6

Tgt Ion:	202	Resp:	674836
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.2	16.8
100	12.6	9.8	14.6

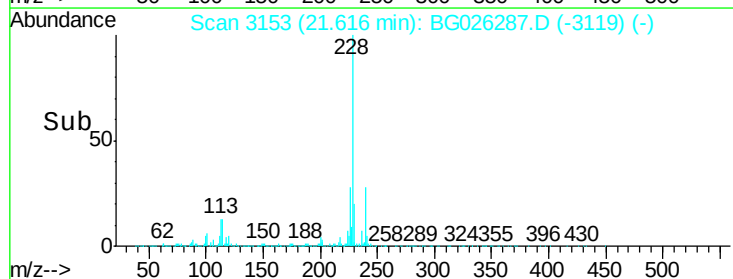
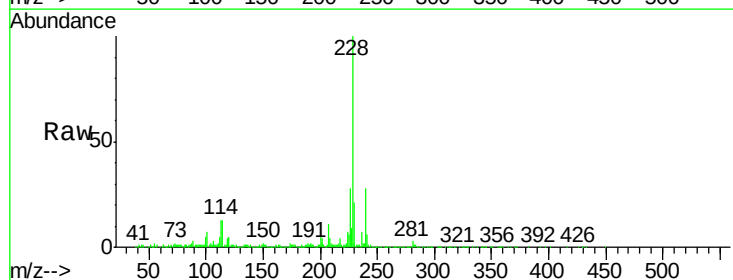
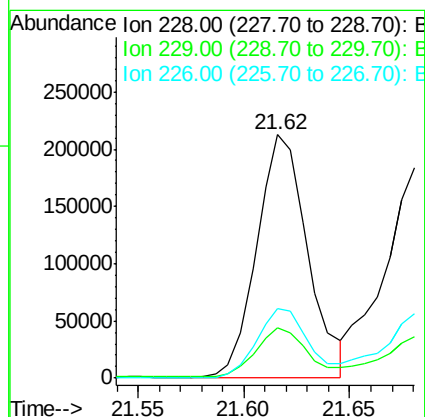
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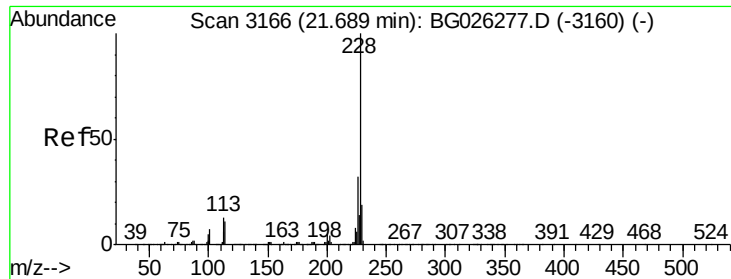
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#21
Benzo(a)anthracene
Concen: 9.48 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026287.D
Acq: 17 Mar 2017 17:59

Tgt Ion:	228	Resp:	354610
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	28.5	22.1	33.1





#22

Chrysene

Concen: 10.03 ng/ul

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG026287.D

Acq: 17 Mar 2017 17:59

Instrument :

BNA_G

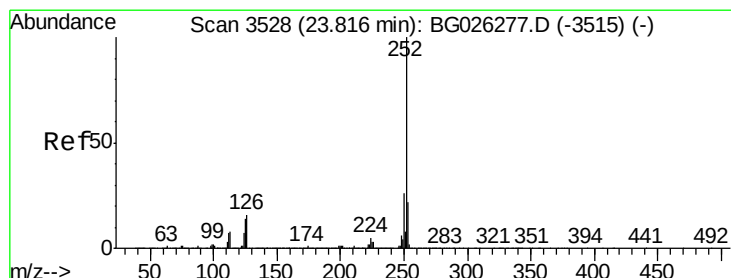
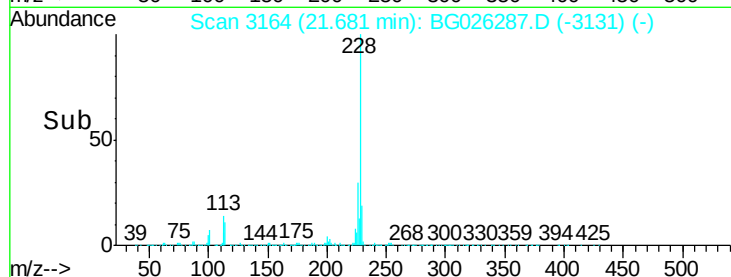
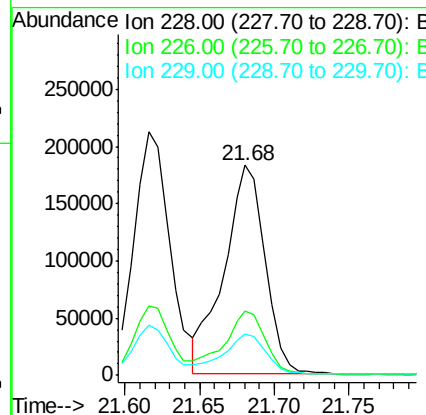
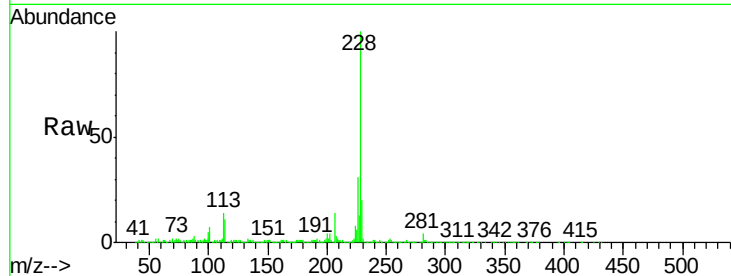
ClientSampleId :

CB2Y6

Tgt Ion:	228	Resp:	349894
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	19.6	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 13.63 ng/ul

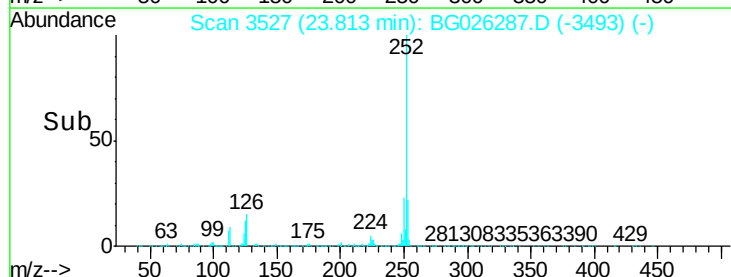
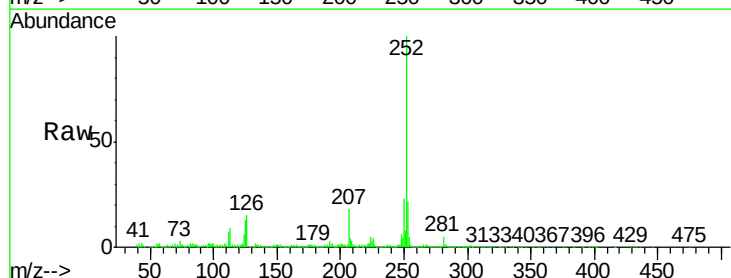
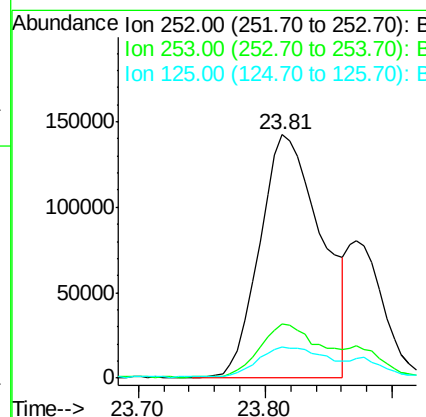
RT: 23.81 min Scan# 3527

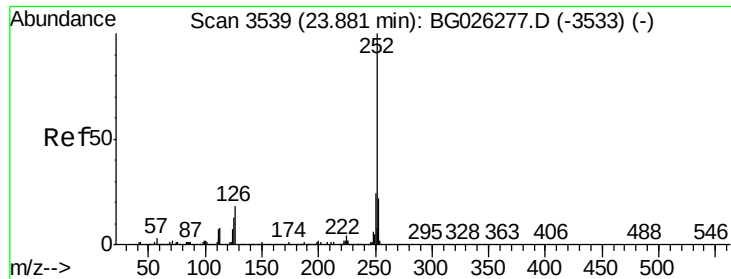
Delta R.T. -0.00 min

Lab File: BG026287.D

Acq: 17 Mar 2017 17:59

Tgt Ion:	252	Resp:	478884
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	12.9	9.4	14.0





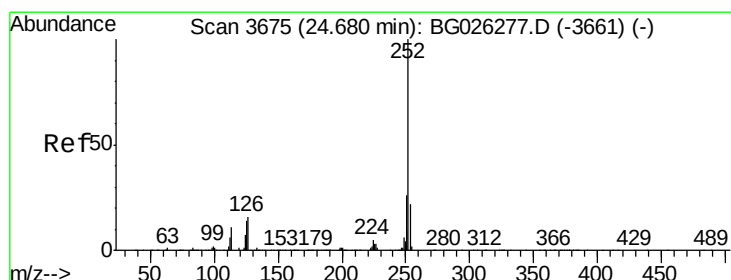
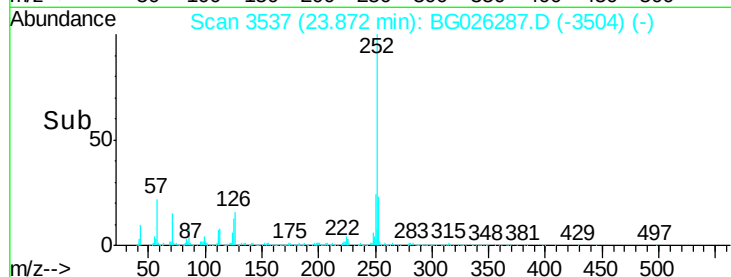
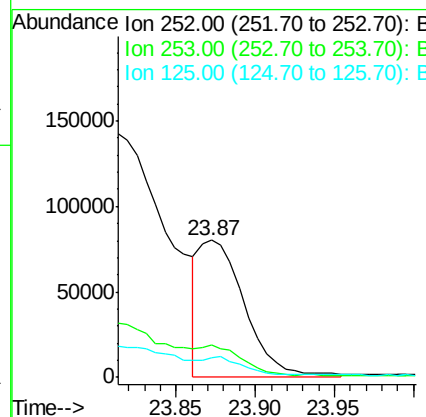
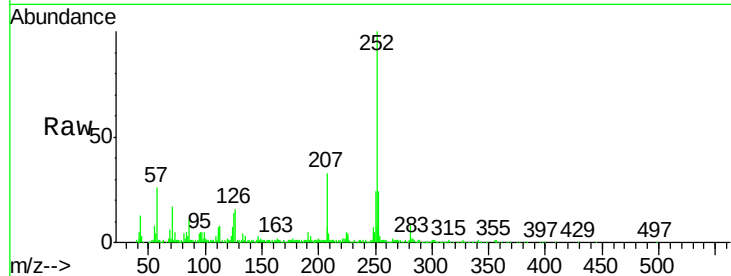
#25
Benzo(k)fluoranthene
Concen: 4.79 ng/ul m
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026287.D
Acq: 17 Mar 2017 17:59

Instrument :
BNA_G
ClientSampled :
CB2Y6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	14.0	8.8	13.2#

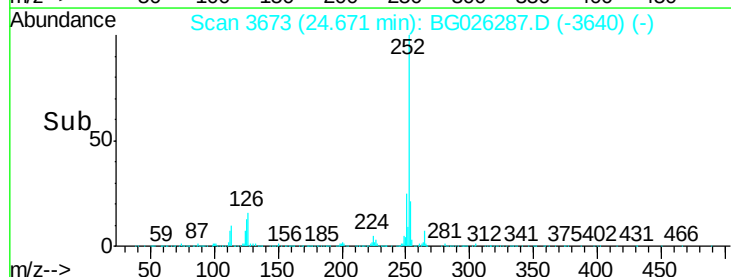
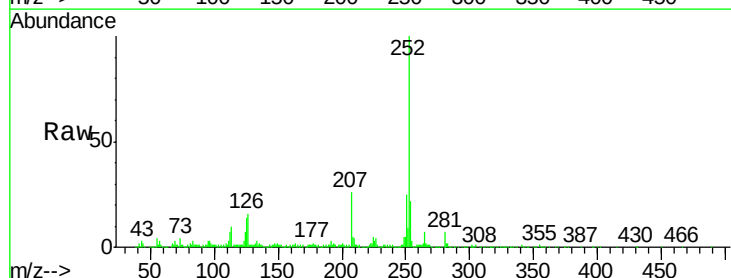
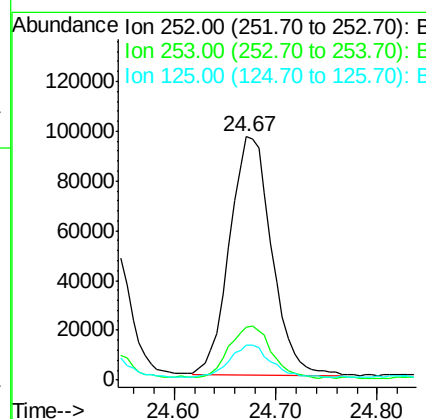
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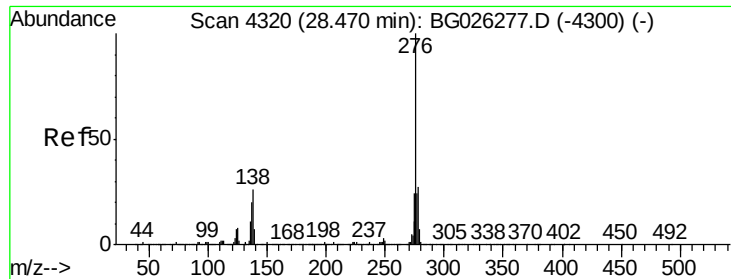
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#27
Benzo(a)pyrene
Concen: 8.42 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG026287.D
Acq: 17 Mar 2017 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	14.3	9.4	14.2#





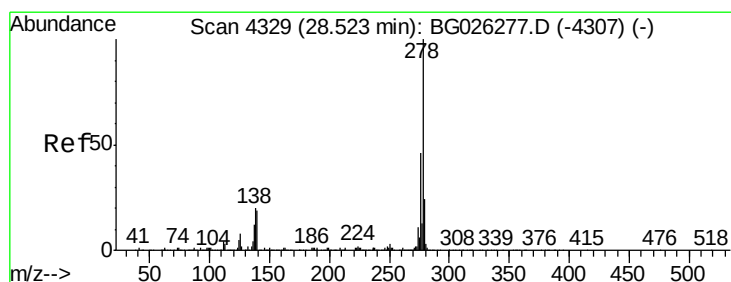
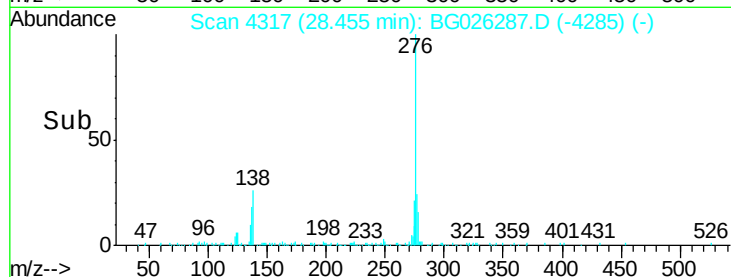
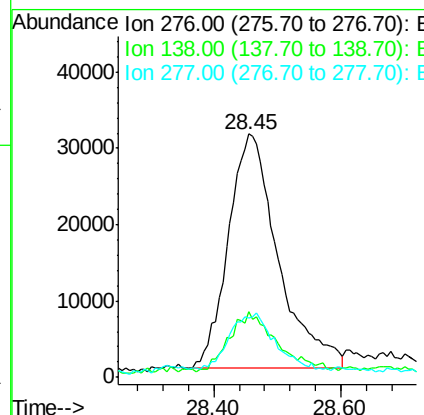
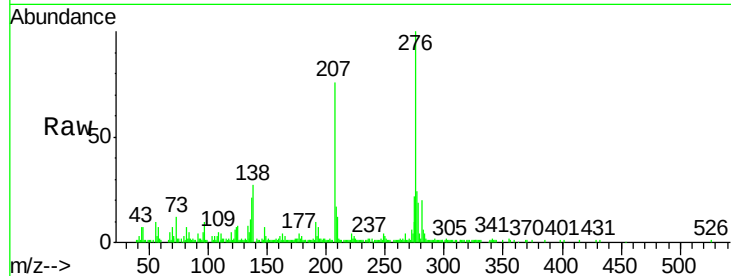
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 4.67 ng/ul
 RT: 28.45 min Scan# 4317
 Delta R.T. -0.01 min
 Lab File: BG026287.D
 Acq: 17 Mar 2017 17:59

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	168180		
138	26.7	17.8	26.6#	
277	24.2	19.4	29.0	

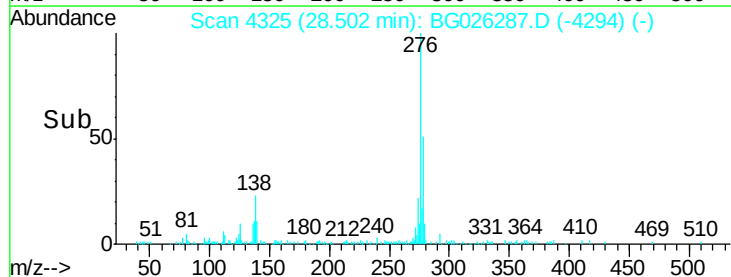
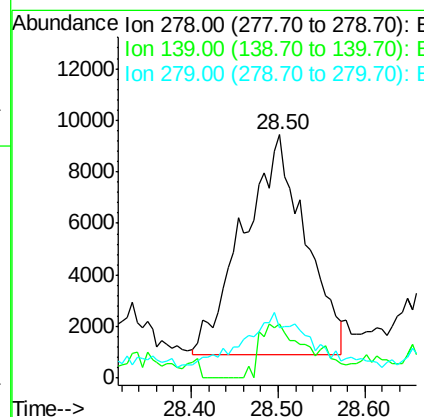
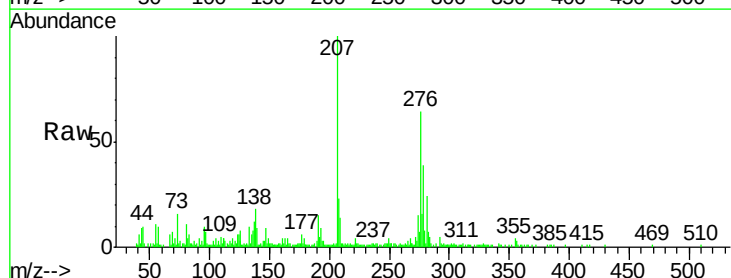
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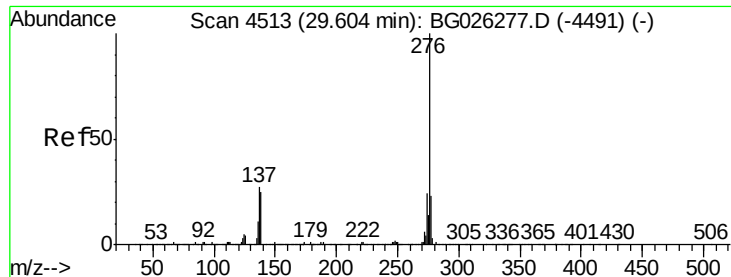
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#29
 Dibenzo(a,h)anthracene
 Concen: 1.47 ng/ul m
 RT: 28.50 min Scan# 4325
 Delta R.T. -0.02 min
 Lab File: BG026287.D
 Acq: 17 Mar 2017 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	42096		
139	22.3	14.0	21.0#	
279	20.9	20.6	31.0	





#30

Benzo(g,h,i)perylene

Concen: 3.92 ng/ul

RT: 29.59 min Scan# 4510

Delta R.T. -0.01 min

Lab File: BG026287.D

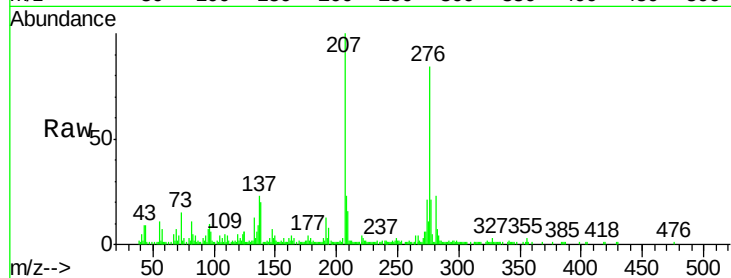
Acq: 17 Mar 2017 17:59

Instrument :

BNA_G

ClientSampleId :

CB2Y6



Tgt	Ion	276	Resp	120945
	Ratio	100	Lower	Upper
	276	100		
	138	24.3	19.0	28.4
	277	24.4	19.7	29.5

Manual Integrations
APPROVED

mohammad
3/20/2017 12:54:43 PM

