

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026286.D
 Acq On : 17 Mar 2017 17:20
 Operator : SJ/MA
 Sample : I2218-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y5

Manual Integrations
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Quant Time: Mar 17 18:36:55 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	128088	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	598678	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	318178	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	632082	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	621459	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	562792	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	36986	4.17	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	595216	21.94	ng/ul	0.00
10) Fluorene-d10	15.65	176	415225	20.98	ng/ul	0.00
15) Anthracene-d10	17.49	188	550806	19.61	ng/ul	0.00
19) Pyrene-d10	19.76	212	595681	18.78	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	522983	21.55	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.72	153	20578	1.05	ng/ul	Qvalue 94
11) Fluorene	15.70	166	25332	1.15	ng/ul	95
14) Phenanthrene	17.43	178	525587	15.69	ng/ul	98
16) Anthracene	17.53	178	81008	2.39	ng/ul	95
17) Fluoranthene	19.44	202	816747	23.49	ng/ul	99
20) Pyrene	19.79	202	736466	18.61	ng/ul	96
21) Benzo(a)anthracene	21.62	228	381453	11.03	ng/ul	99
22) Chrysene	21.68	228	391645	12.14	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	467765	14.64	ng/ul	98
25) Benzo(k)fluoranthene	23.87	252	162331m	5.32	ng/ul	
27) Benzo(a)pyrene	24.68	252	271255	9.14	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.46	276	151284	4.61	ng/ul	98
29) Dibenzo(a,h)anthracene	28.50	278	45380m	1.74	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	106780	3.81	ng/ul	93

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

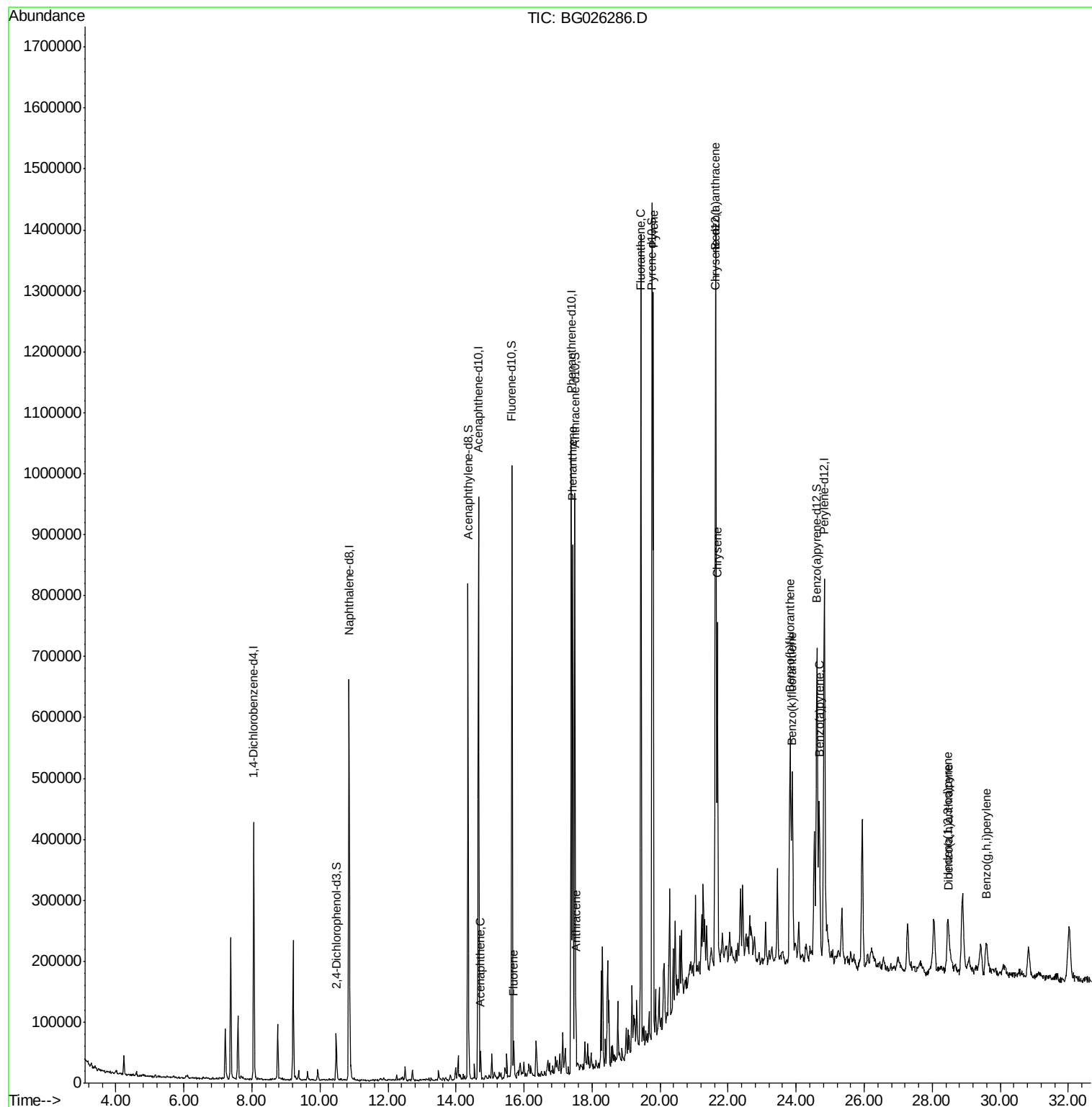
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
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ALS Vial : 11 Sample Multiplier: 1

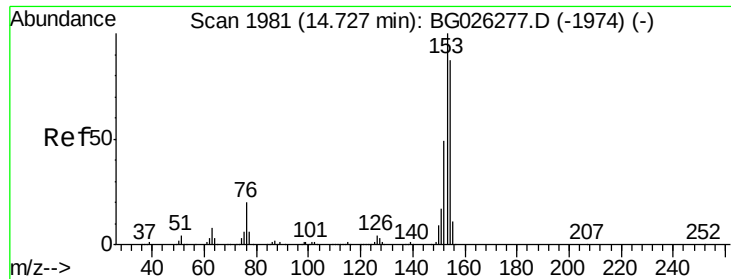
Instrument :
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Quant Time: Mar 17 18:36:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
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#9

Acenaphthene

Concen: 1.05 ng/ul

RT: 14.72 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG026286.D

Acq: 17 Mar 2017 17:20

Instrument :

BNA_G

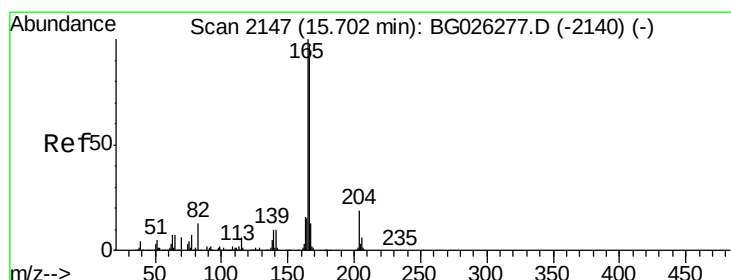
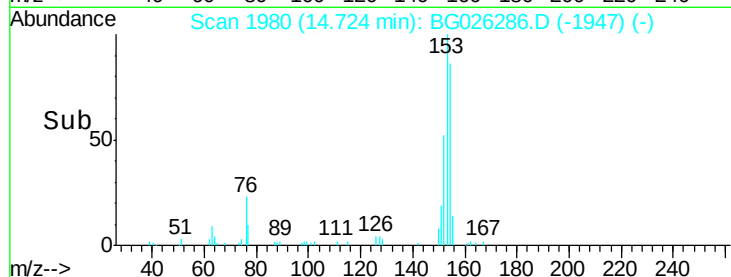
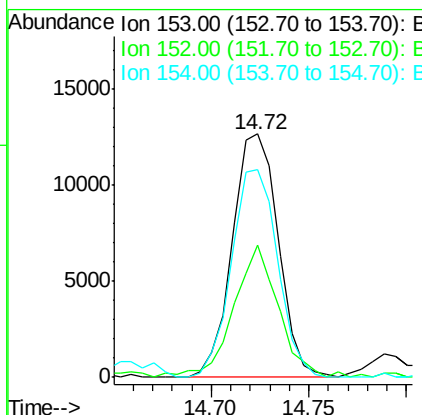
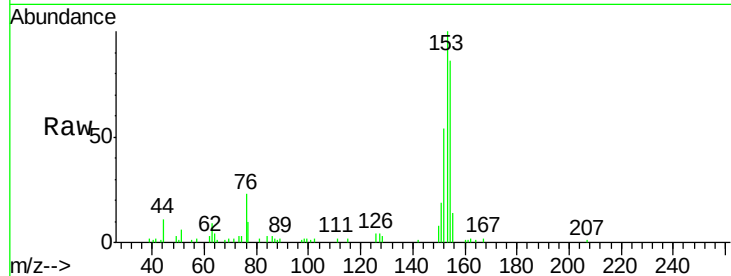
ClientSampleId :

CB2Y5

Tgt Ion:	153	Resp:	20578
Ion Ratio	Lower	Upper	
153	100		
152	54.3	37.9	56.9
154	85.6	71.6	107.4

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#11

Fluorene

Concen: 1.15 ng/ul

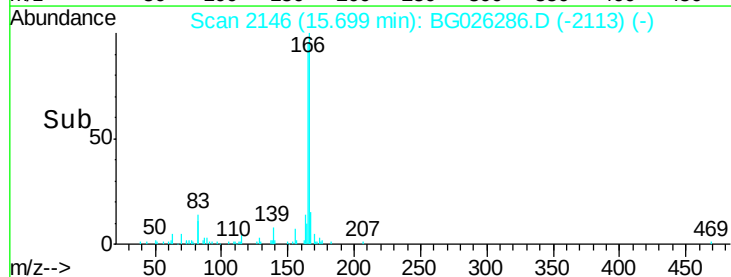
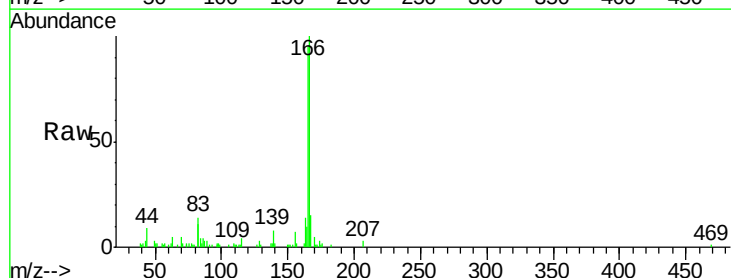
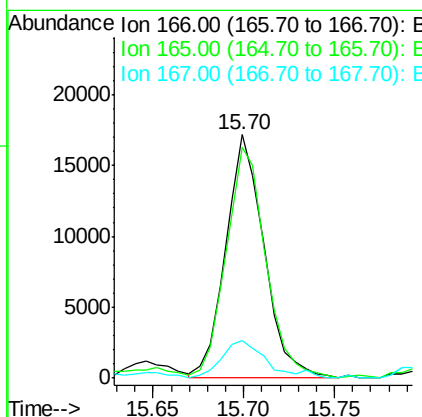
RT: 15.70 min Scan# 2146

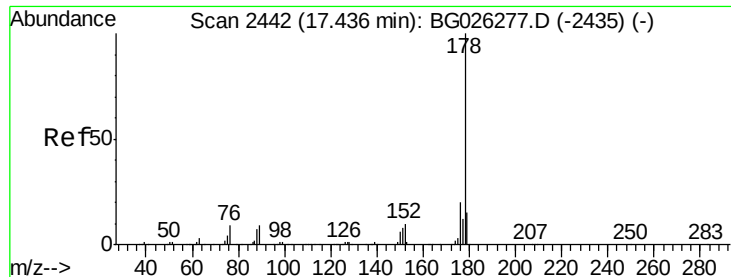
Delta R.T. -0.00 min

Lab File: BG026286.D

Acq: 17 Mar 2017 17:20

Tgt Ion:	166	Resp:	25332
Ion Ratio	Lower	Upper	
166	100		
165	94.9	80.0	120.0
167	15.4	11.6	17.4





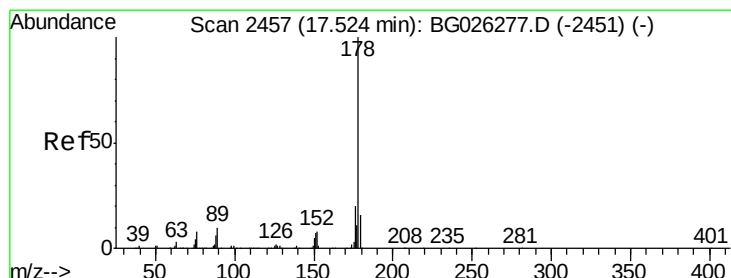
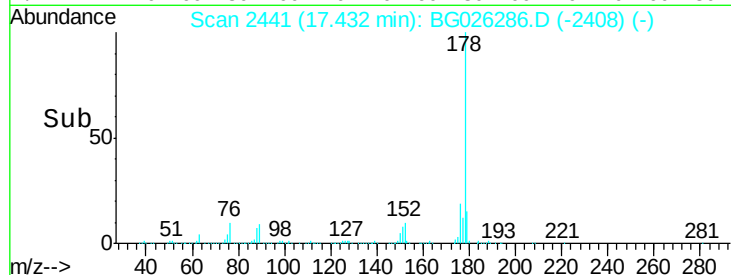
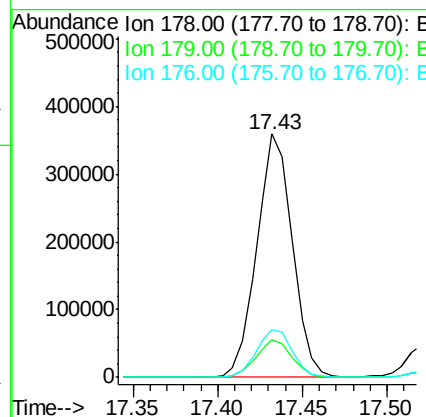
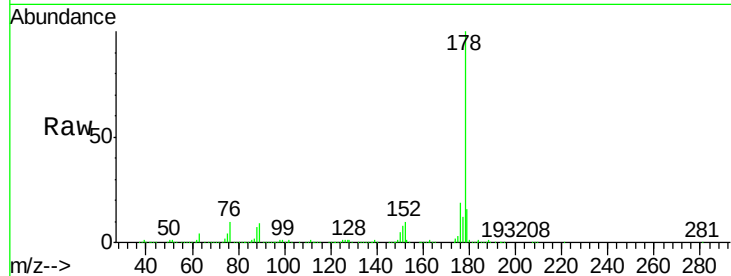
#14
Phenanthrene
Concen: 15.69 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026286.D
Acq: 17 Mar 2017 17:20

Instrument :
BNA_G
ClientSampleId :
CB2Y5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.4	16.4	24.6

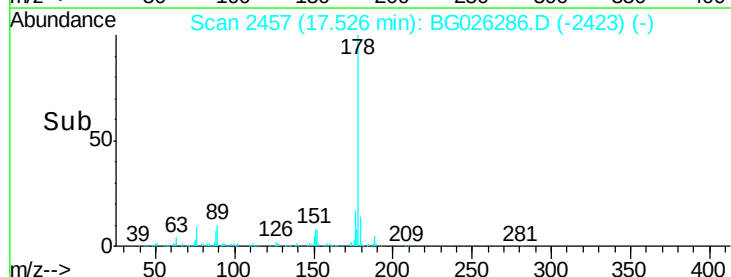
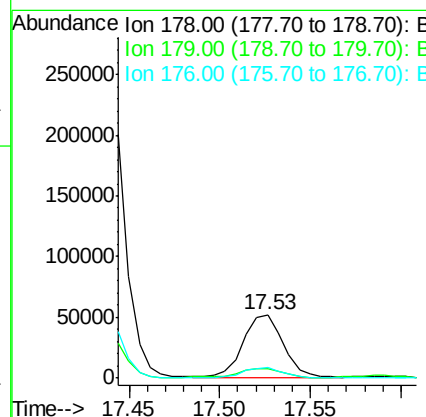
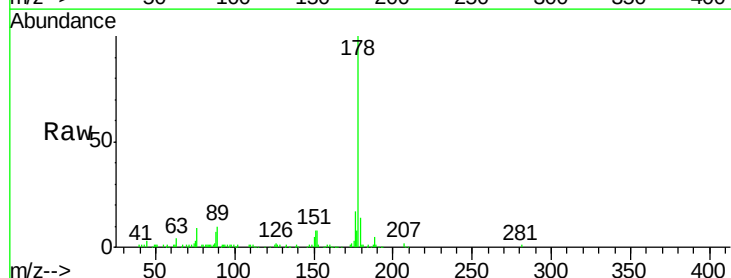
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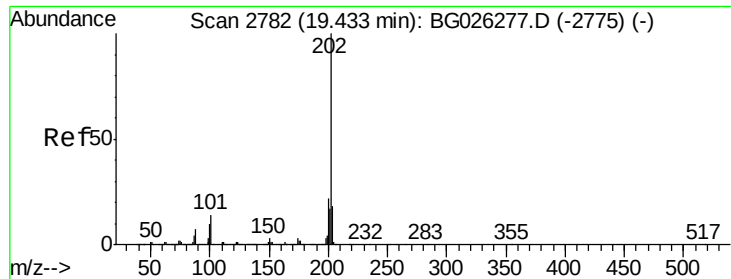
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#16
Anthracene
Concen: 2.39 ng/ul
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG026286.D
Acq: 17 Mar 2017 17:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.7	19.1
176	17.2	15.8	23.8





#17

Fluoranthene

Concen: 23.49 ng/ul

RT: 19.44 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG026286.D

Acq: 17 Mar 2017 17:20

Instrument :

BNA_G

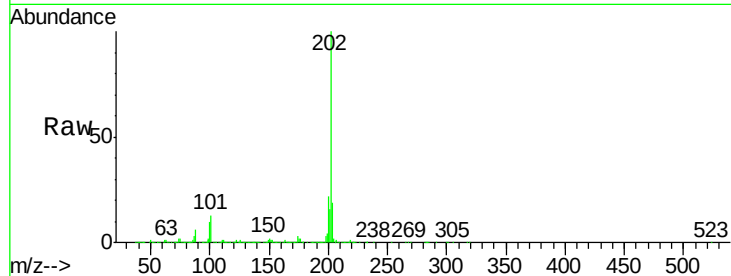
ClientSampleId :

CB2Y5

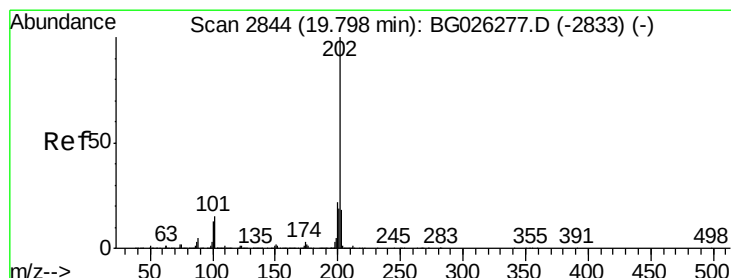
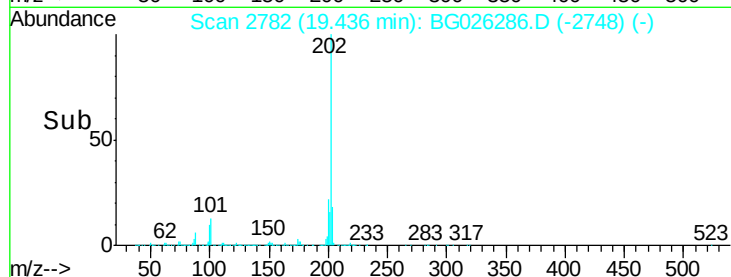
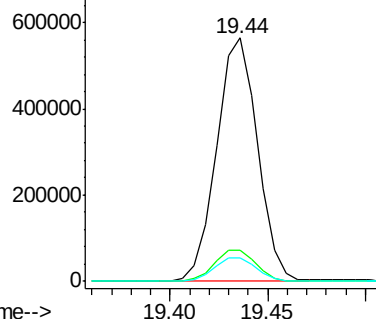
Tgt Ion:	202	Resp:	816747
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.8	14.8
100	9.9	7.5	11.3

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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



#20

Pyrene

Concen: 18.61 ng/ul

RT: 19.79 min Scan# 2843

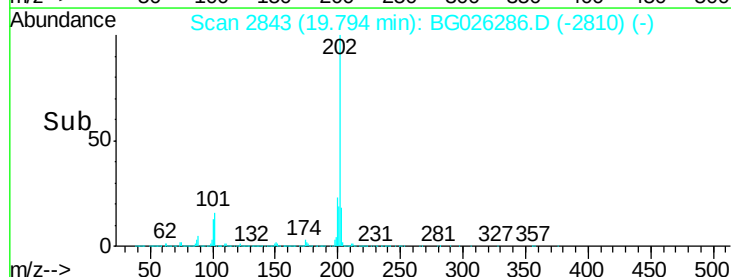
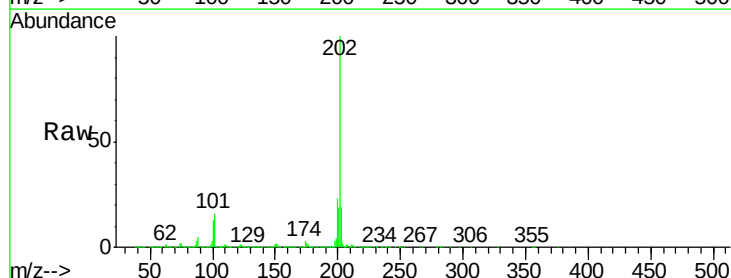
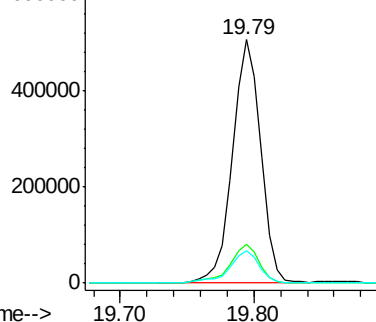
Delta R.T. -0.00 min

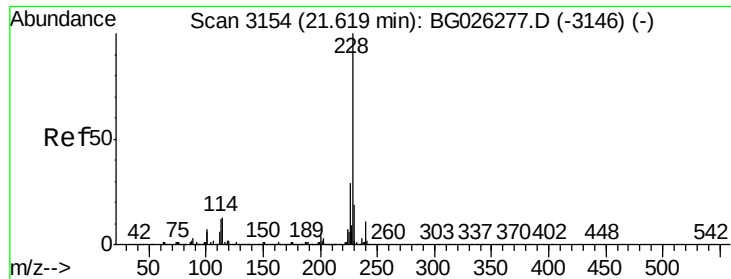
Lab File: BG026286.D

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Tgt Ion:	202	Resp:	736466
Ion Ratio	Lower	Upper	
202	100		
101	15.9	11.2	16.8
100	13.2	9.8	14.6

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





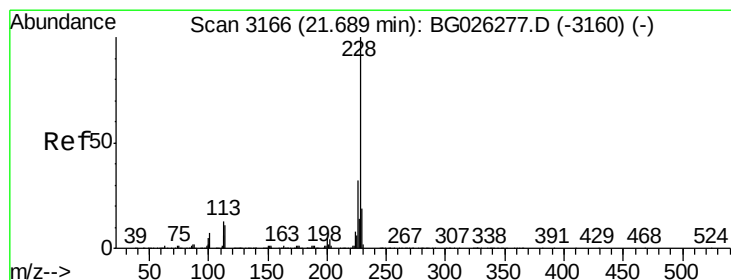
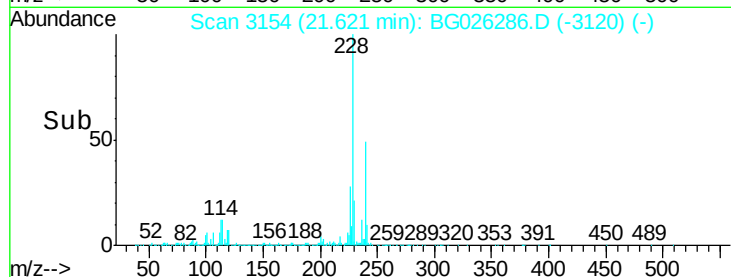
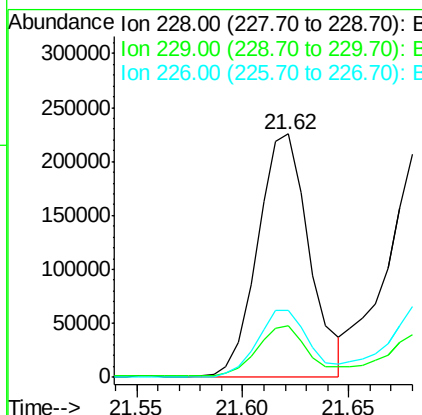
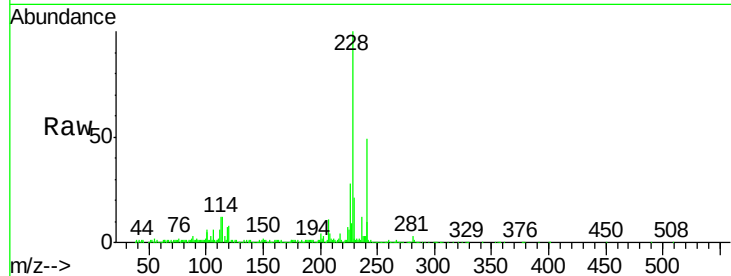
#21
Benzo(a)anthracene
Concen: 11.03 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026286.D
Acq: 17 Mar 2017 17:20

Instrument :
BNA_G
ClientSampleId :
CB2Y5

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.3	15.9	23.9
226	27.8	22.1	33.1

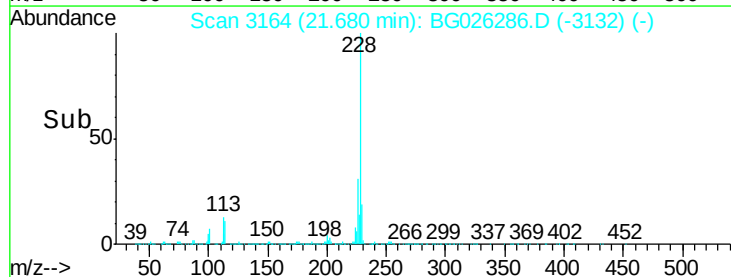
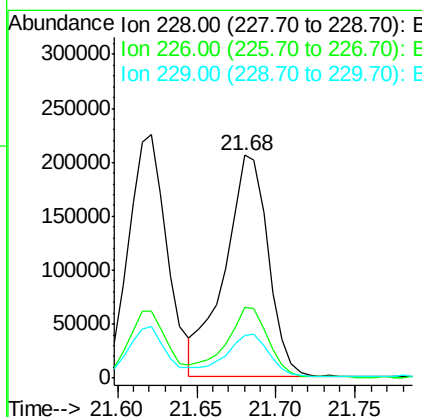
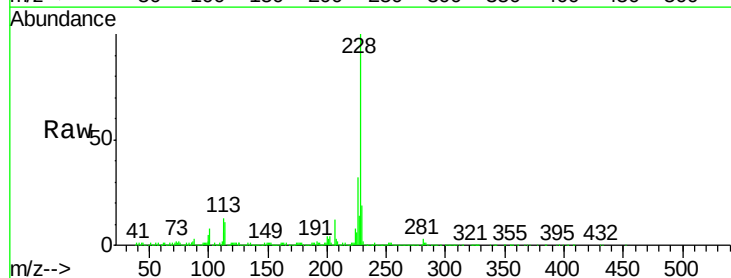
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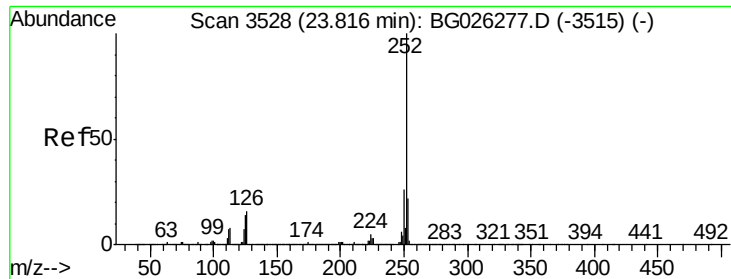
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#22
Chrysene
Concen: 12.14 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG026286.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.0	37.6
229	19.4	16.6	25.0





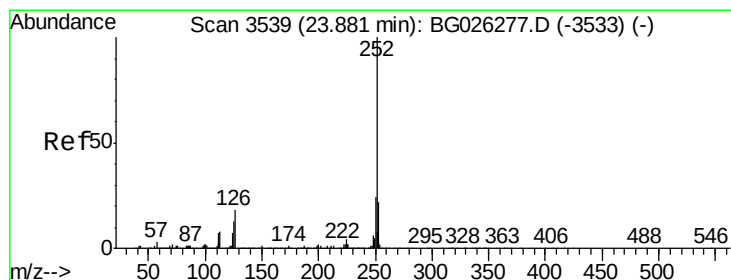
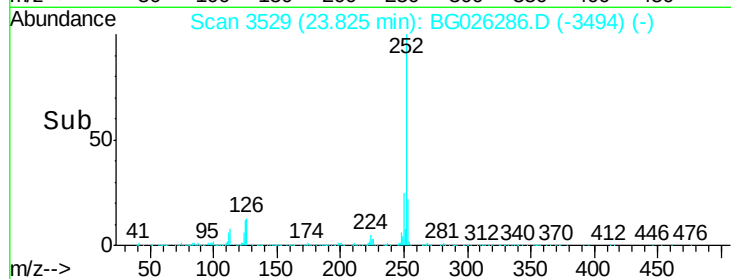
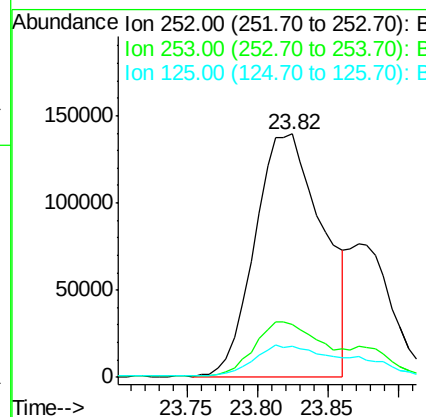
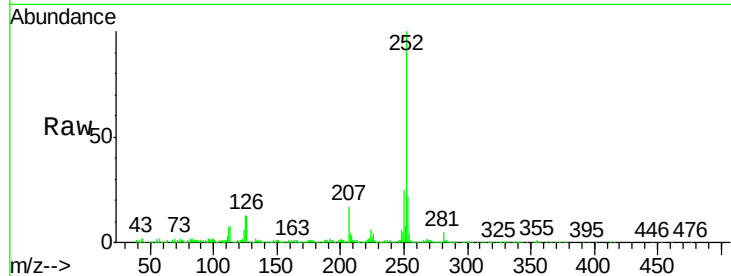
#24
Benzo(b)fluoranthene
Concen: 14.64 ng/ul
RT: 23.82 min Scan# 3529
Delta R.T. 0.01 min
Lab File: BG026286.D
Acq: 17 Mar 2017 17:20

Instrument :
BNA_G
ClientSampleId :
CB2Y5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	13.0	9.4	14.0

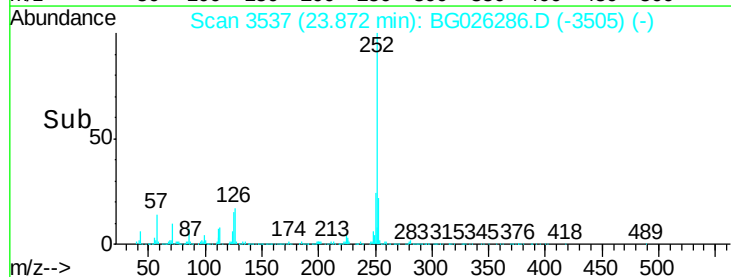
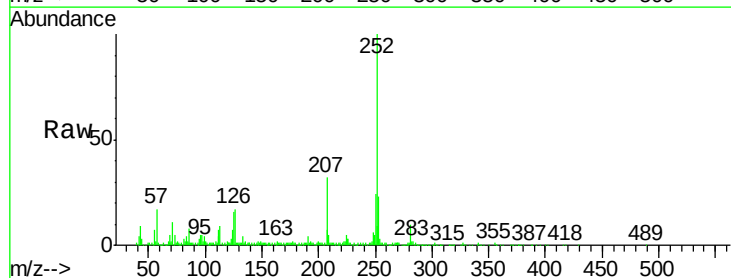
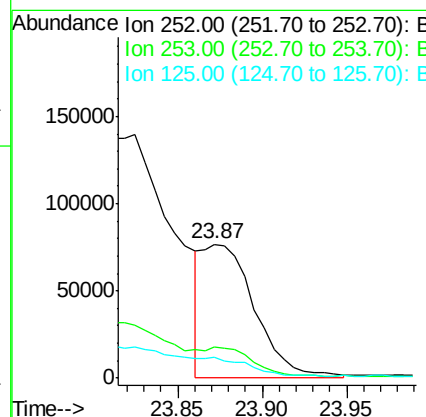
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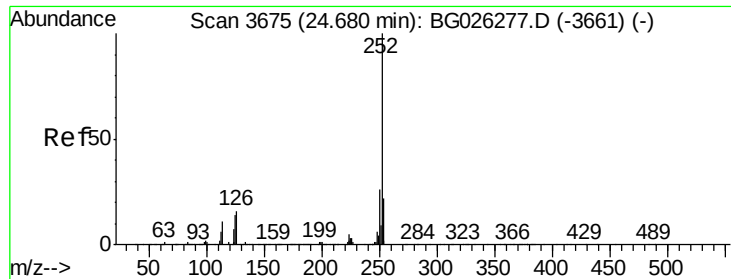
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#25
Benzo(k)fluoranthene
Concen: 5.32 ng/ul m
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026286.D
Acq: 17 Mar 2017 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	15.7	8.8	13.2#





#27

Benzo(a)pyrene

Concen: 9.14 ng/ul

RT: 24.68 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG026286.D

Acq: 17 Mar 2017 17:20

Instrument :

BNA_G

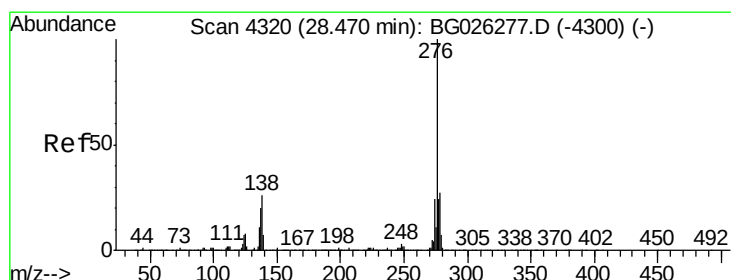
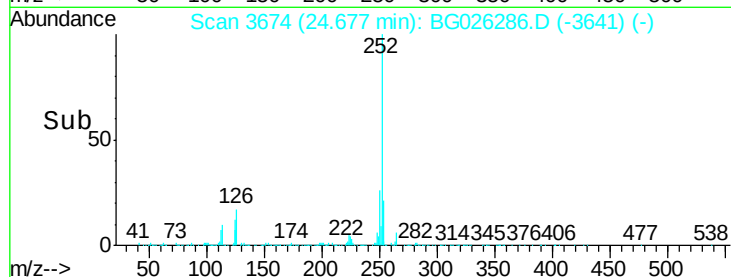
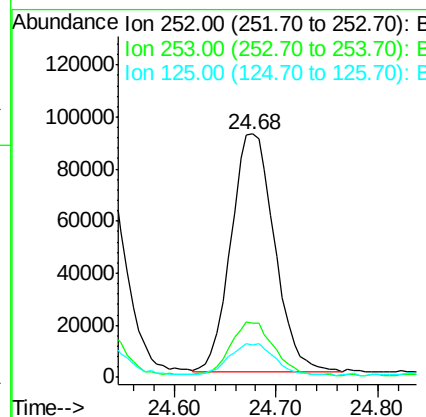
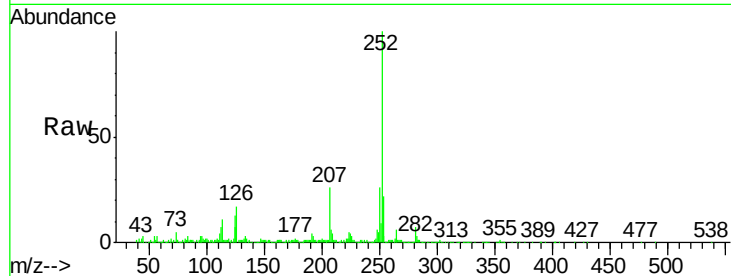
ClientSampleId :

CB2Y5

Tgt Ion:	252	Resp:	271255
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	13.2	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 4.61 ng/ul

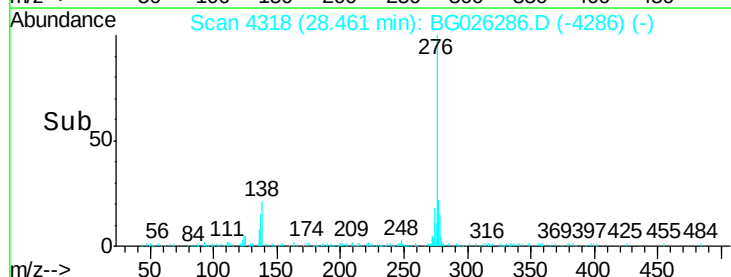
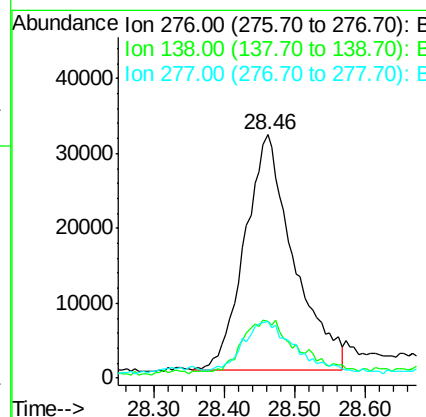
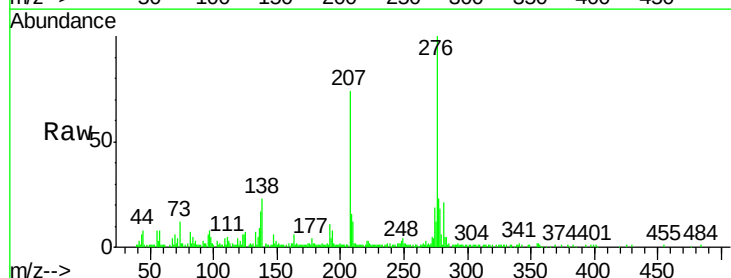
RT: 28.46 min Scan# 4318

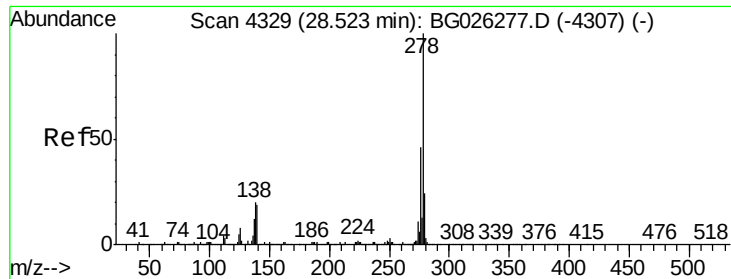
Delta R.T. -0.01 min

Lab File: BG026286.D

Acq: 17 Mar 2017 17:20

Tgt Ion:	276	Resp:	151284
Ion Ratio	Lower	Upper	
276	100		
138	23.1	17.8	26.6
277	23.4	19.4	29.0





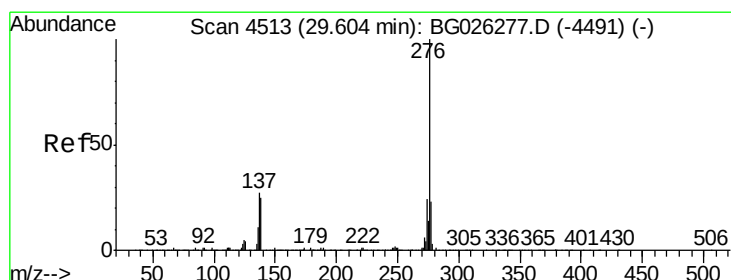
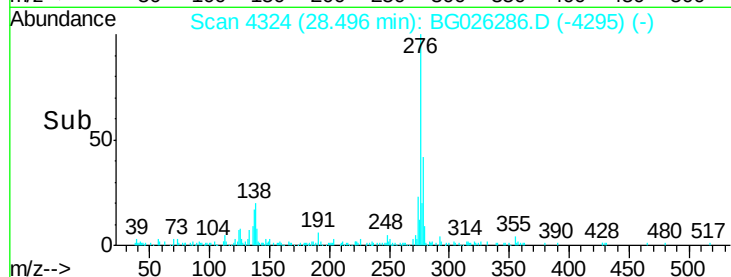
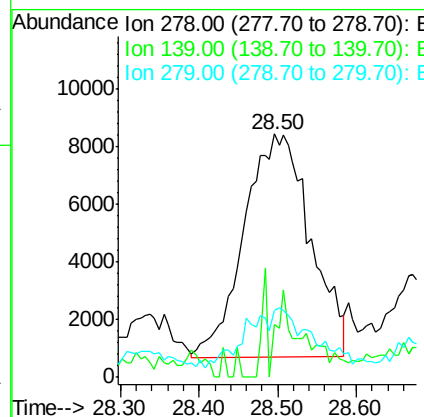
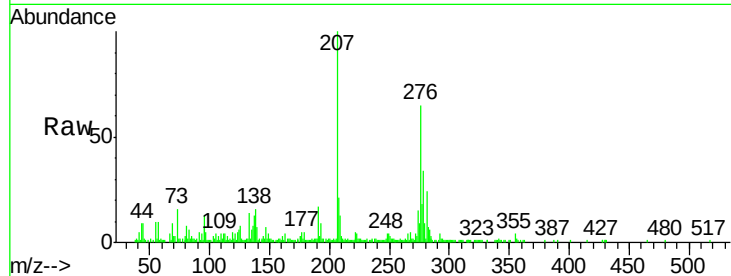
#29
Dibenzo(a,h)anthracene
Concen: 1.74 ng/ul m
RT: 28.50 min Scan# 4324
Delta R.T. -0.03 min
Lab File: BG026286.D
Acq: 17 Mar 2017 17:20

Instrument :
BNA_G
ClientSampled :
CB2Y5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.0	21.0#
279	27.3	20.6	31.0

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#30
Benzo(g,h,i)perylene
Concen: 3.81 ng/ul
RT: 29.59 min Scan# 4510
Delta R.T. -0.02 min
Lab File: BG026286.D
Acq: 17 Mar 2017 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	19.0	28.4
277	21.1	19.7	29.5

