

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026253.D
 Acq On : 16 Mar 2017 3:33
 Operator : SJ/MA
 Sample : I2236-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABG5MS

Manual Integrations
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mohammad
 3/17/2017 1:08:39 PM

Quant Time: Mar 16 04:36:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 04:25:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	81769	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	436708	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	253922	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	543138	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	564277	20.00	ng/ul	0.00
22) Perylene-d12	24.83	264	540779	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	636838	30.29	ng/ul	0.00
10) Fluorene-d10	15.64	176	446009	27.62	ng/ul	0.00
14) Anthracene-d10	17.49	188	612059	24.93	ng/ul	0.00
18) Pyrene-d10	19.76	212	655424	24.10	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	598434	25.01	ng/ul	0.00
Target Compounds						
						Ovalue
3) Naphthalene	10.91	128	51195	2.38	ng/ul	98
4) 2-Methylnaphthalene	12.50	142	21463	1.26	ng/ul	94
9) Acenaphthene	14.72	153	445132	28.92	ng/ul	96
11) Fluorene	15.70	166	24396	1.35	ng/ul	96
13) Phenanthrene	17.43	178	485673	16.77	ng/ul	98
15) Anthracene	17.52	178	70224	2.39	ng/ul	99
16) Fluoranthene	19.43	202	816308	25.64	ng/ul	97
19) Pyrene	19.79	202	1412297	41.36	ng/ul#	91
20) Benzo(a)anthracene	21.62	228	369666	11.65	ng/ul	95
21) Chrysene	21.68	228	377751	12.45	ng/ul	97
23) Benzo(b)fluoranthene	23.81	252	511085	16.36	ng/ul#	95
24) Benzo(k)fluoranthene	23.87	252	201884m	6.69	ng/ul	
26) Benzo(a)pyrene	24.67	252	330952	10.94	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	28.44	276	247443	6.99	ng/ul#	88
28) Dibenzo(a,h)anthracene	28.49	278	66533m	2.27	ng/ul	
29) Benzo(a,h,i)perylene	29.57	276	206760	7.08	ng/ul#	89

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

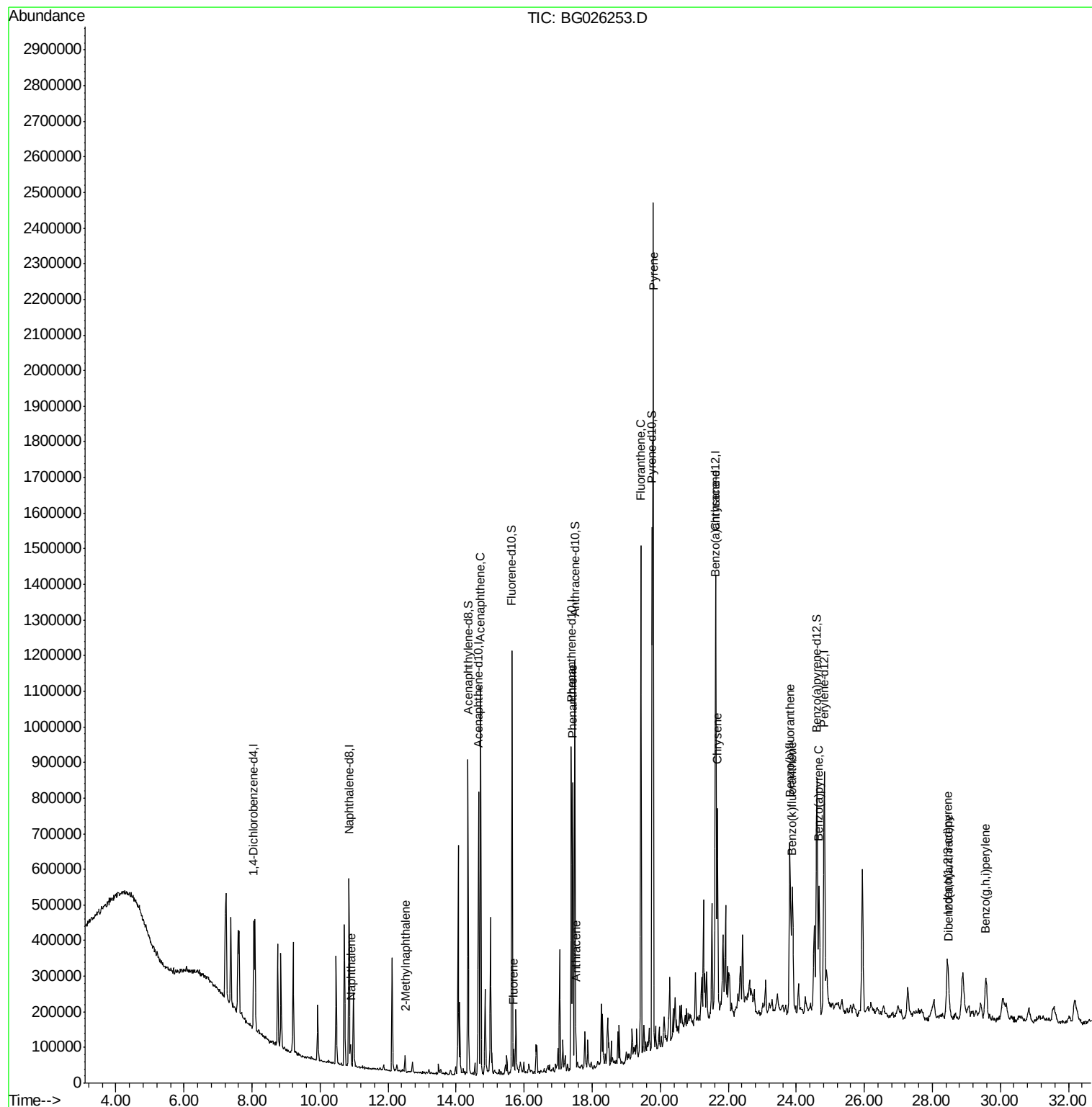
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
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ALS Vial : 20 Sample Multiplier: 1

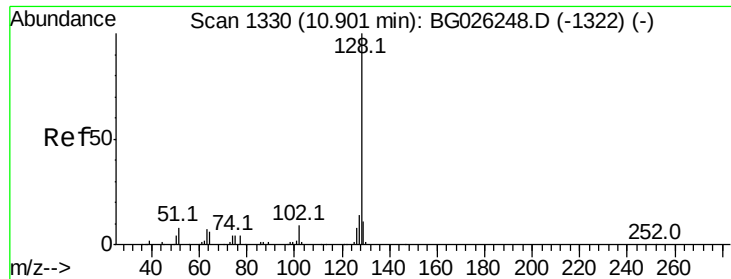
Instrument :
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Quant Time: Mar 16 04:36:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 04:25:12 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.38 ng/ul

RT: 10.91 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BG026253.D

Acq: 16 Mar 2017 3:33

Instrument :

BNA_G

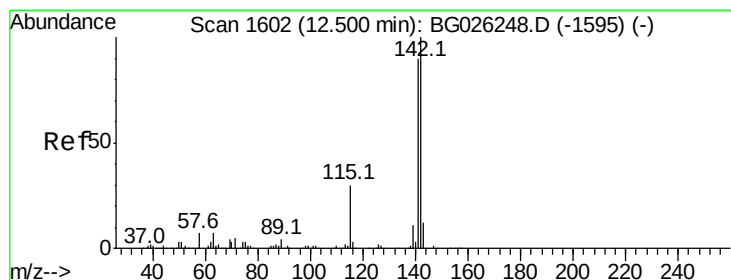
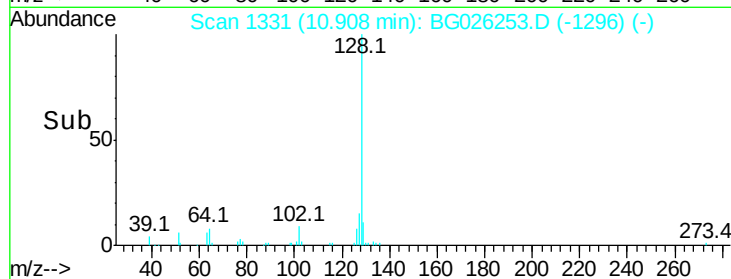
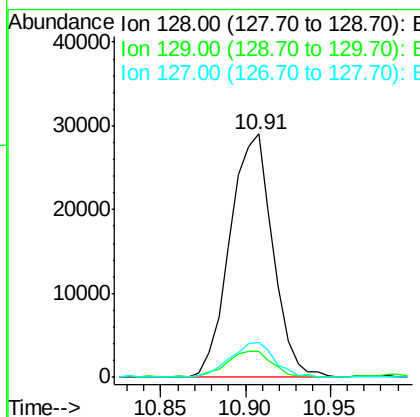
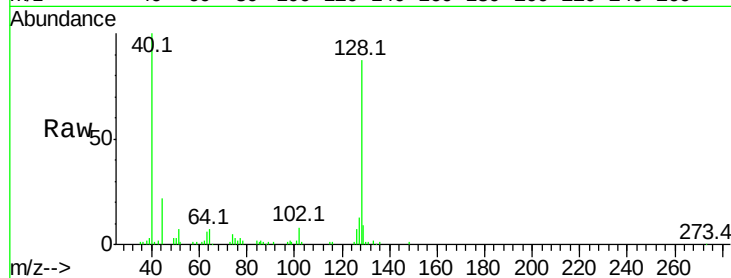
ClientSampleId :

DABG5MS

Tot Ion:	128	Resp:	51195
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.7	13.1
127	14.5	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 1.26 ng/ul

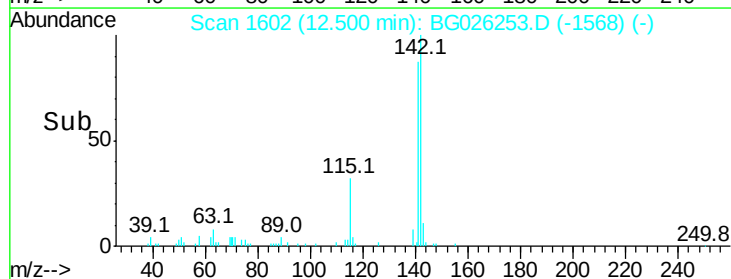
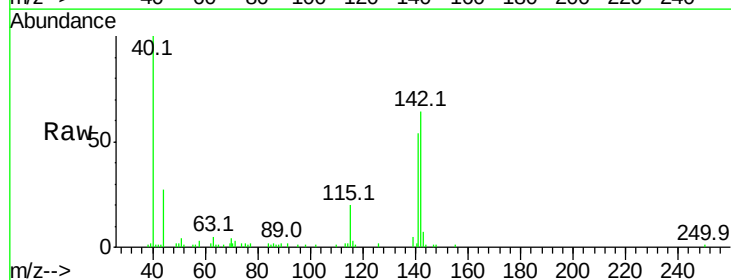
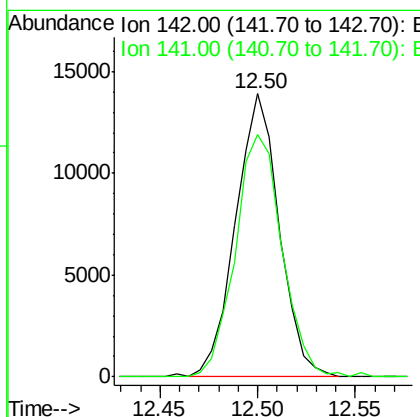
RT: 12.50 min Scan# 1602

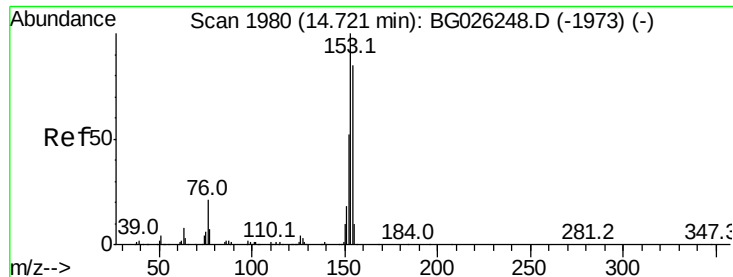
Delta R.T. 0.00 min

Lab File: BG026253.D

Acq: 16 Mar 2017 3:33

Tgt Ion:	142	Resp:	21463
Ion Ratio	Lower	Upper	
142	100		
141	85.6	72.7	109.1





#9

Acenaphthene

Concen: 28.92 ng/ul

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG026253.D

Acq: 16 Mar 2017 3:33

Instrument :

BNA_G

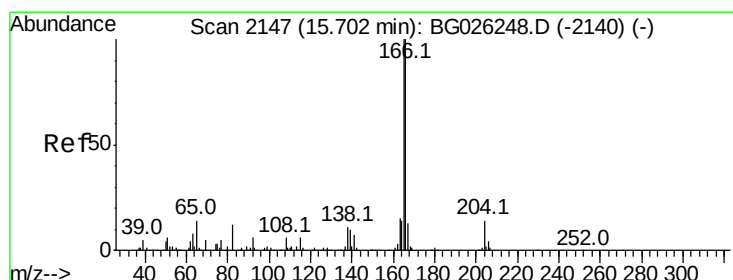
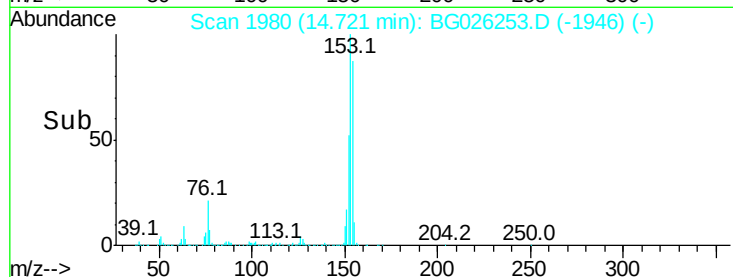
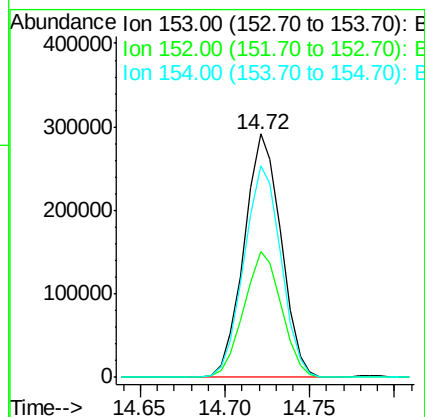
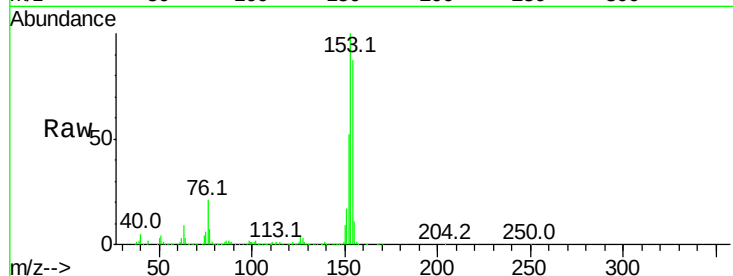
ClientSampleId :

DABG5MS

Tot Ion:	153	Resp:	445132
Ion Ratio	Lower	Upper	
153	100		
152	51.9	39.0	58.6
154	87.1	66.8	100.2

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#11

Fluorene

Concen: 1.35 ng/ul

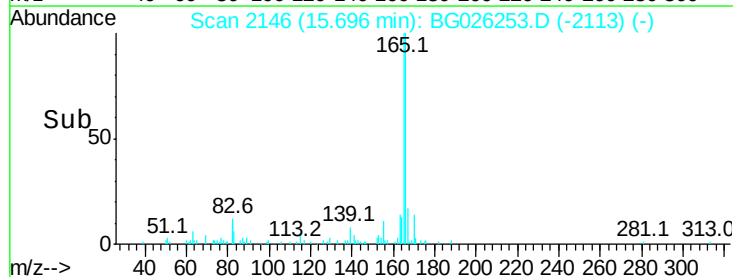
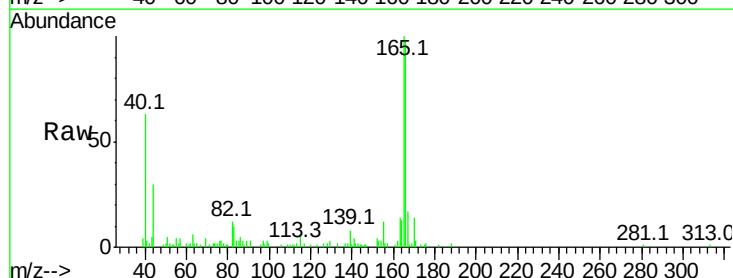
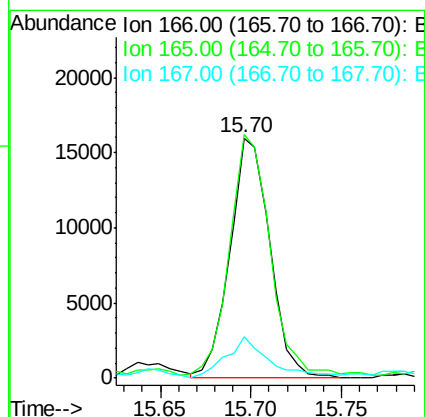
RT: 15.70 min Scan# 2146

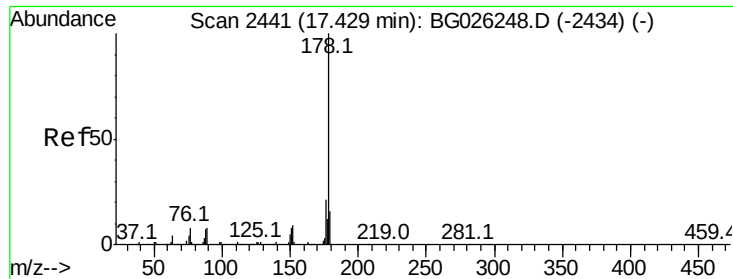
Delta R.T. -0.01 min

Lab File: BG026253.D

Acq: 16 Mar 2017 3:33

Tgt Ion:	166	Resp:	24396
Ion Ratio	Lower	Upper	
166	100		
165	101.5	83.8	125.8
167	17.2	11.5	17.3





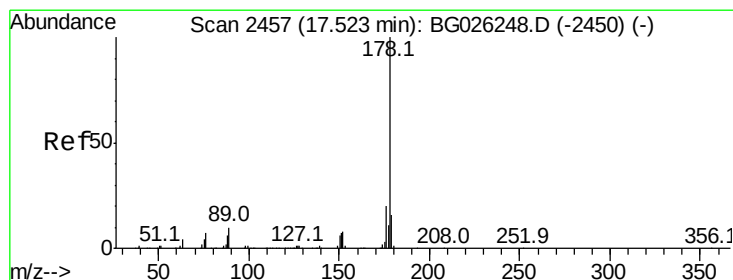
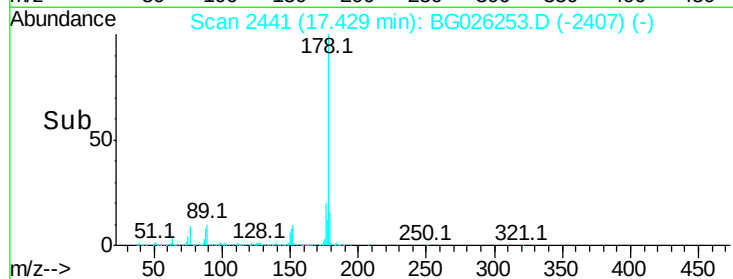
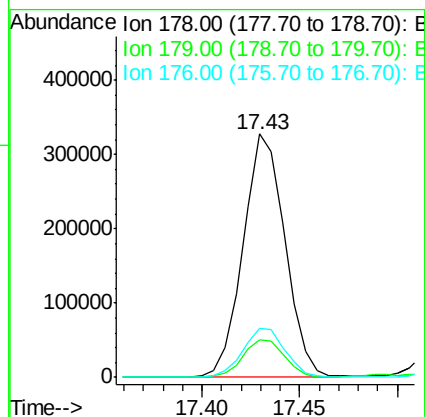
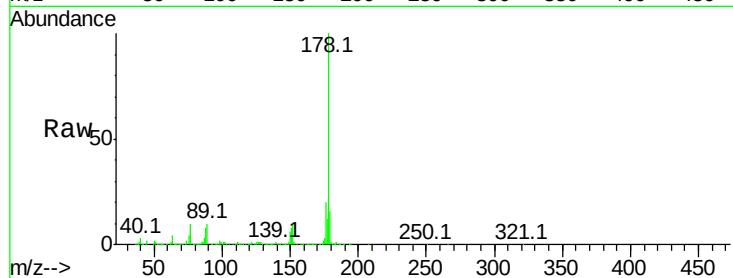
#13
Phenanthrene
Concen: 16.77 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Instrument :
BNA_G
ClientSampleId :
DABG5MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	20.2	15.1	22.7

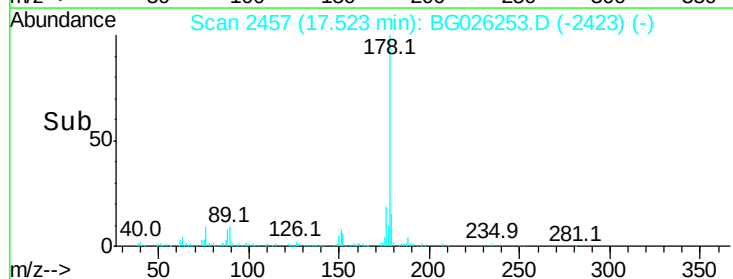
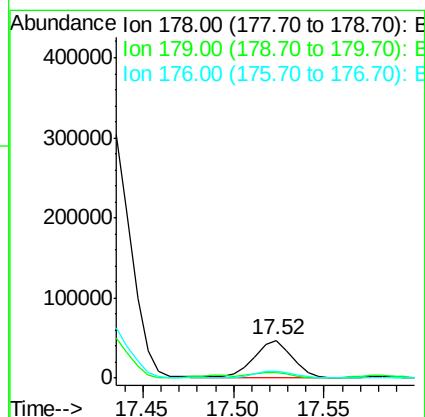
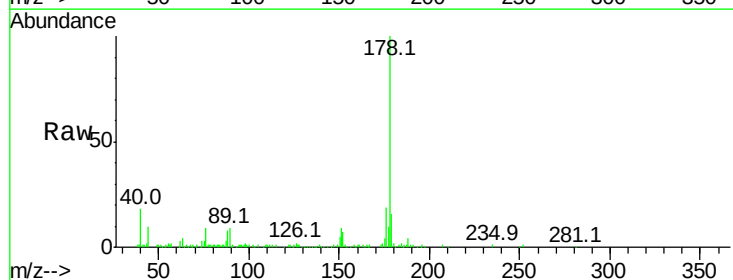
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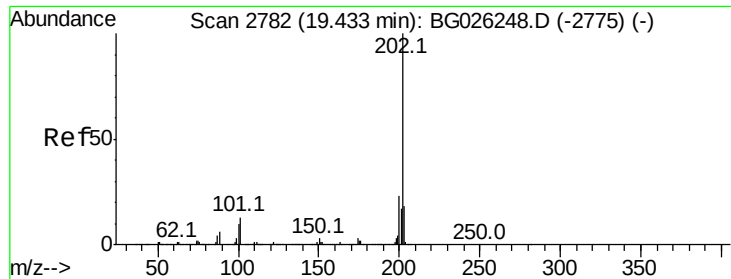
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#15
Anthracene
Concen: 2.39 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.2	15.2	22.8





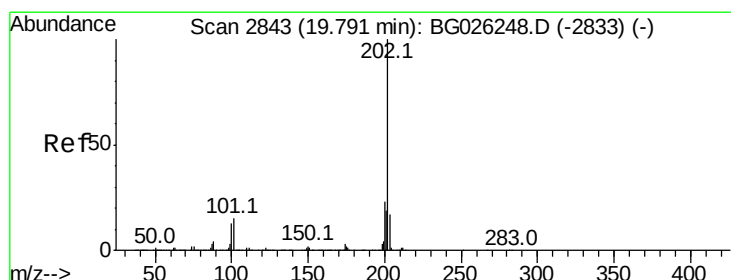
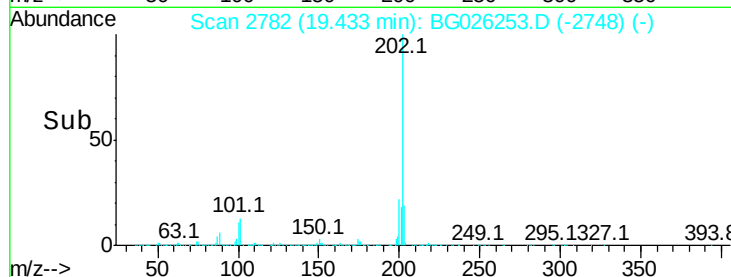
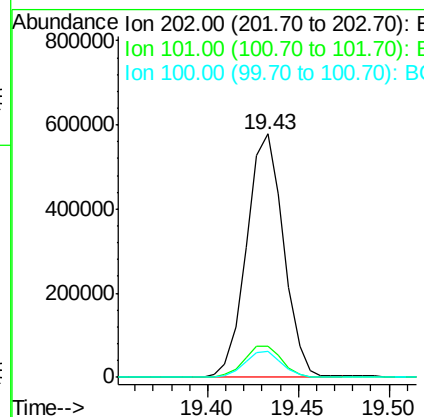
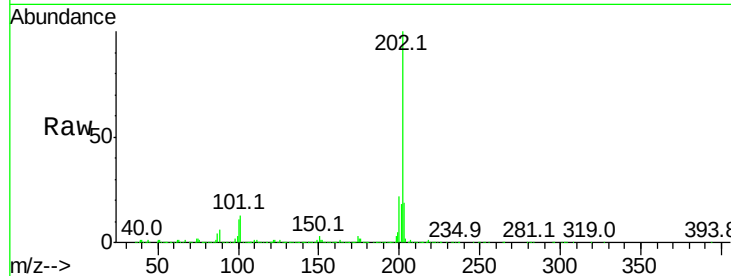
#16
Fluoranthene
Concen: 25.64 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Instrument :
BNA_G
ClientSampleId :
DABG5MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	9.9	14.9
100	10.7	7.4	11.0

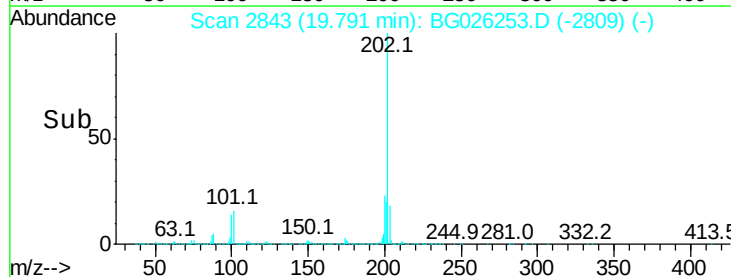
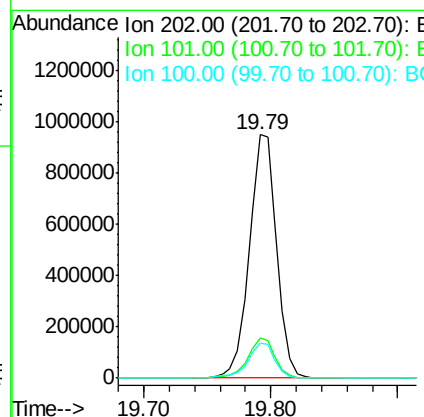
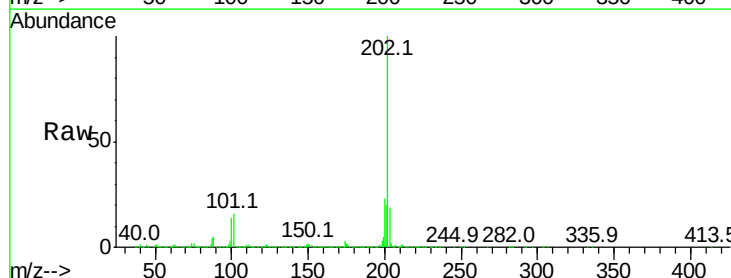
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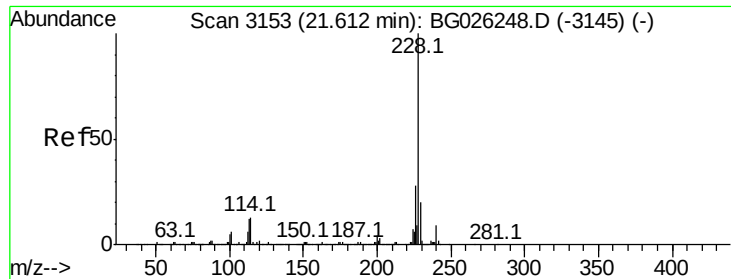
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#19
Pyrene
Concen: 41.36 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	16.3	11.0	16.4
100	14.4	8.1	12.1#





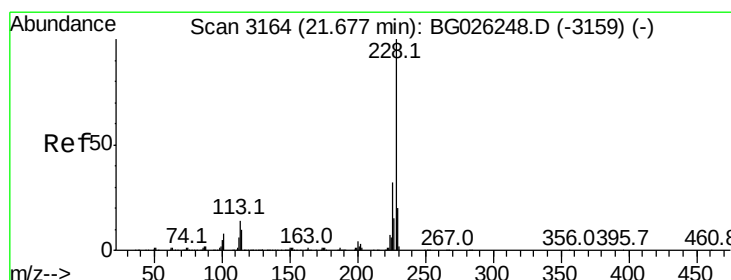
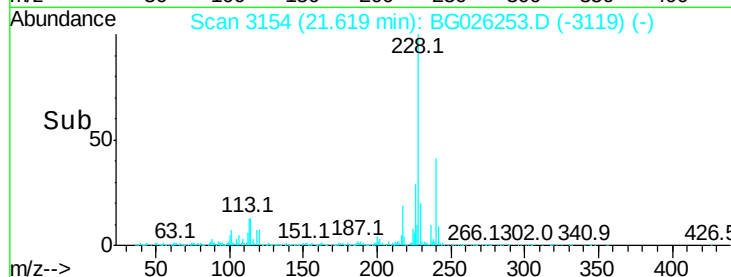
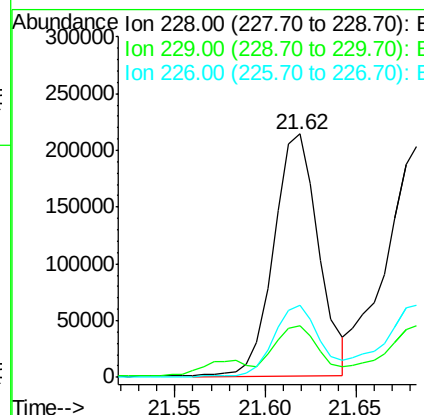
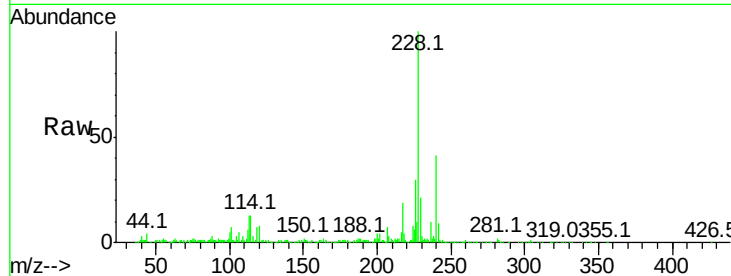
#20
Benzo(a)anthracene
Concen: 11.65 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Instrument :
BNA_G
ClientSampleId :
DABG5MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	29.6	21.1	31.7

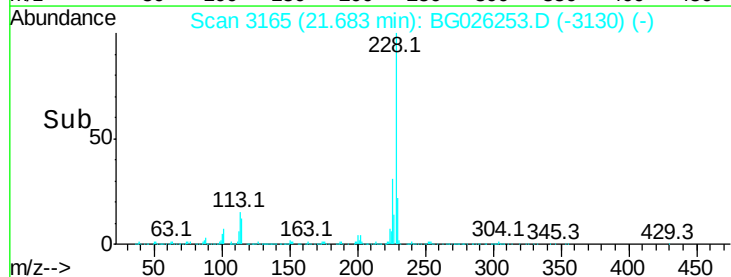
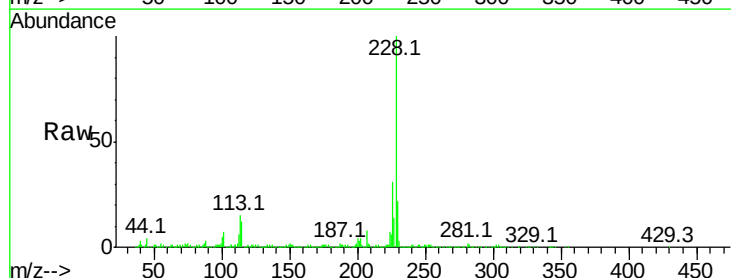
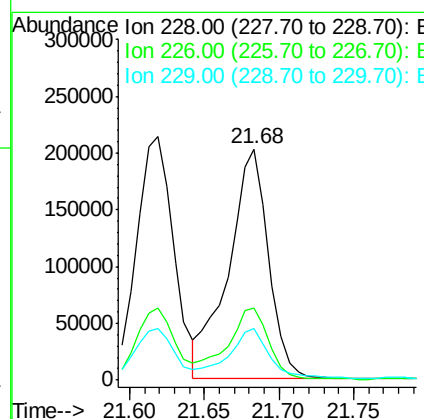
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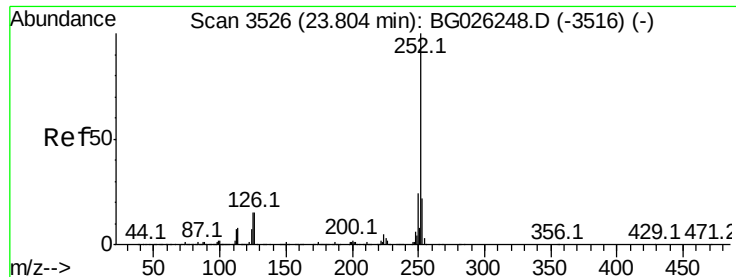
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#21
Chrysene
Concen: 12.45 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	22.0	15.8	23.8





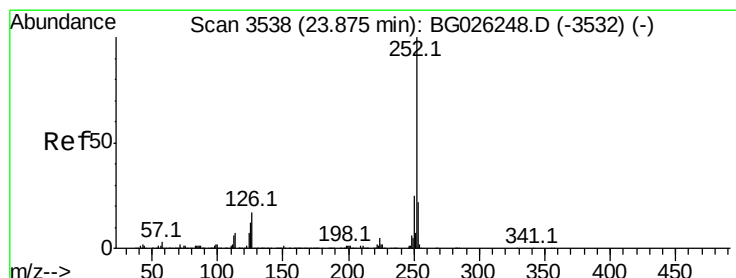
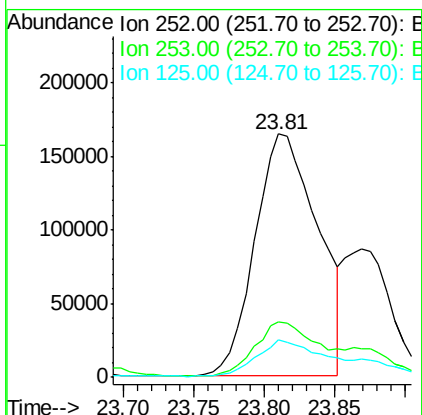
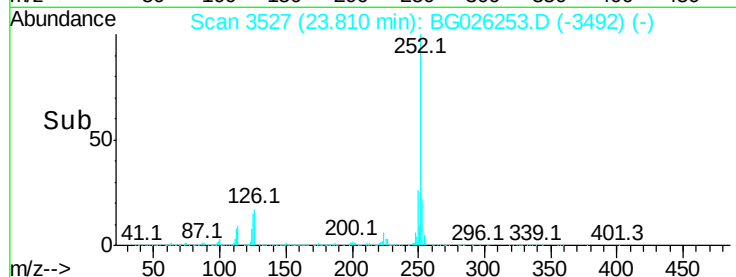
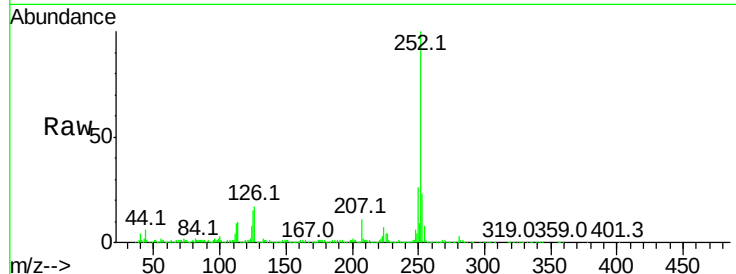
#23
Benzo(b)fluoranthene
Concen: 16.36 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Instrument :
BNA_G
ClientSampleId :
DABG5MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.2	8.0	12.0

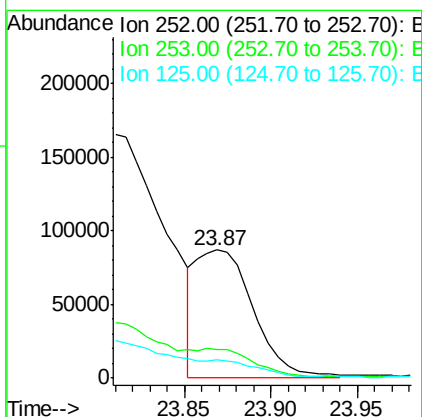
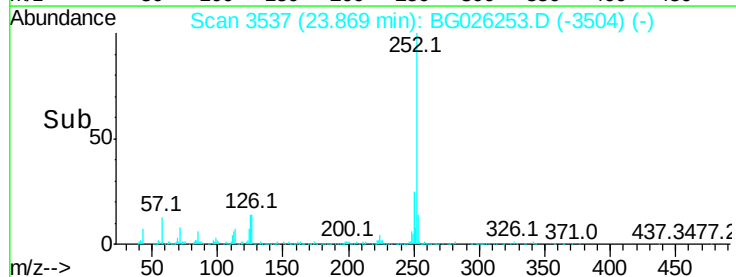
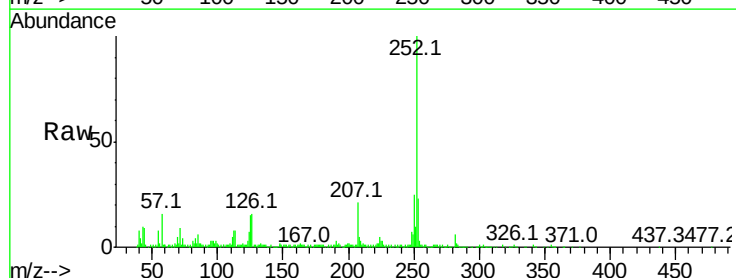
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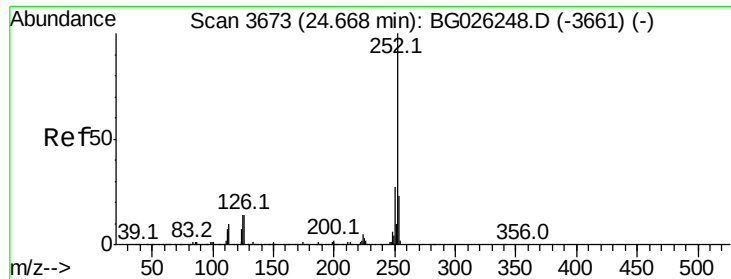
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#24
Benzo(k)fluoranthene
Concen: 6.69 ng/ul m
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	18.0	27.0
125	14.5	8.1	12.1





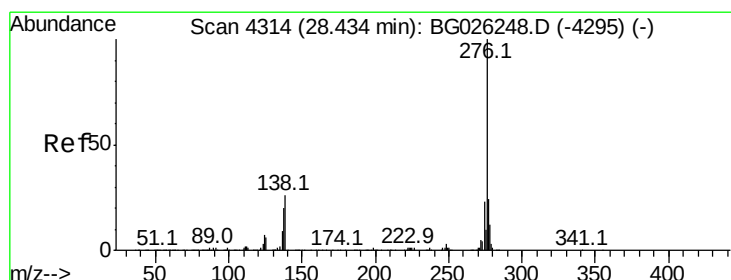
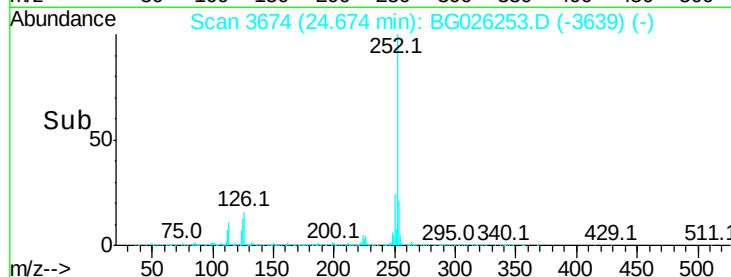
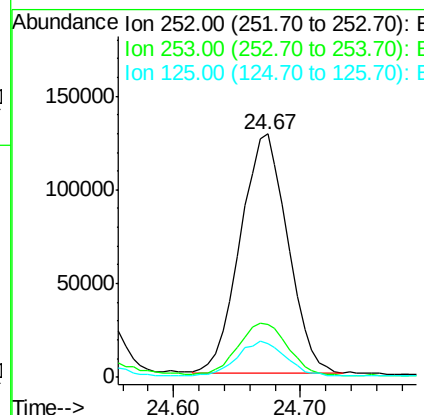
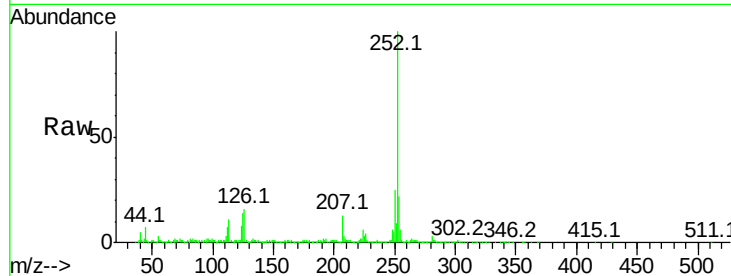
#26
Benzo(a)pyrene
Concen: 10.94 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. 0.01 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Instrument :
BNA_G
ClientSampleId :
DABG5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	13.8	8.2	12.4

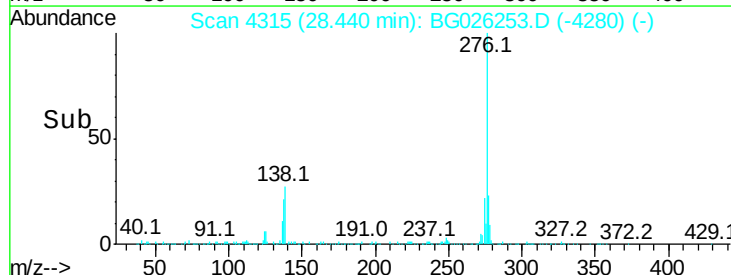
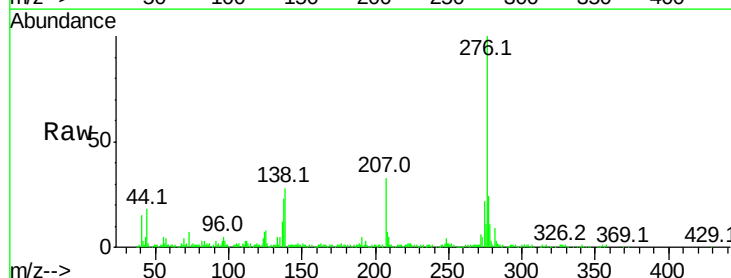
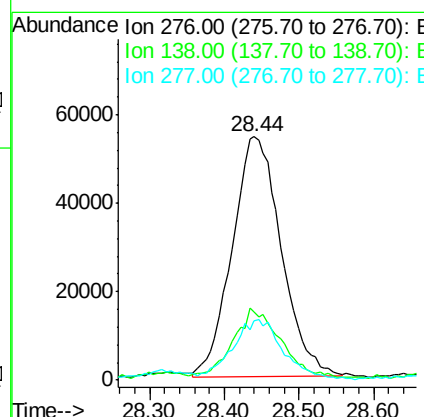
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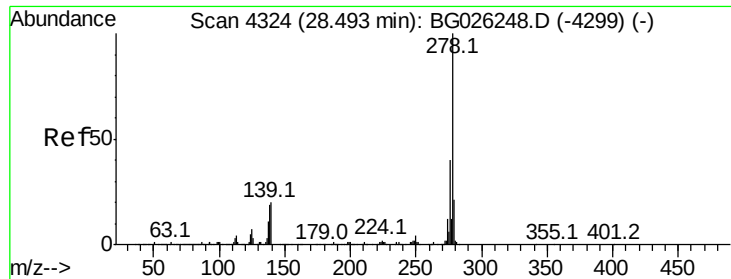
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#27
Indeno(1,2,3-cd)pyrene
Concen: 6.99 ng/ul
RT: 28.44 min Scan# 4315
Delta R.T. 0.01 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	14.4	21.6
277	24.4	18.0	27.0





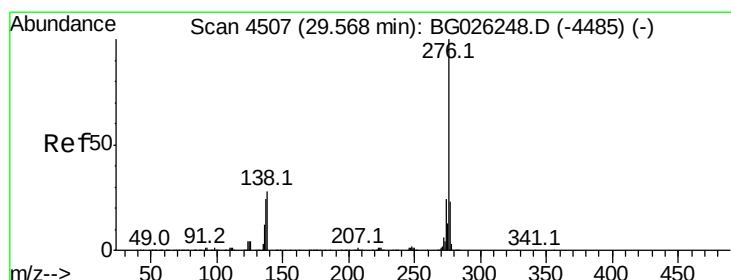
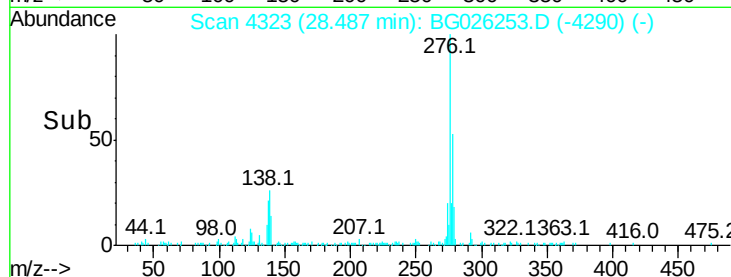
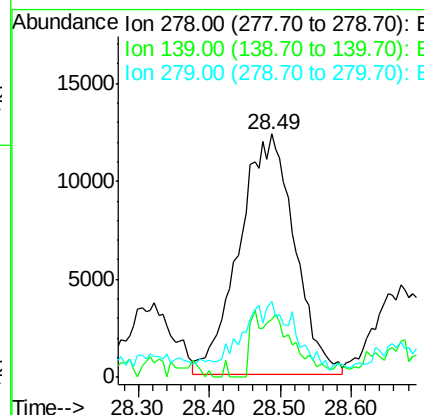
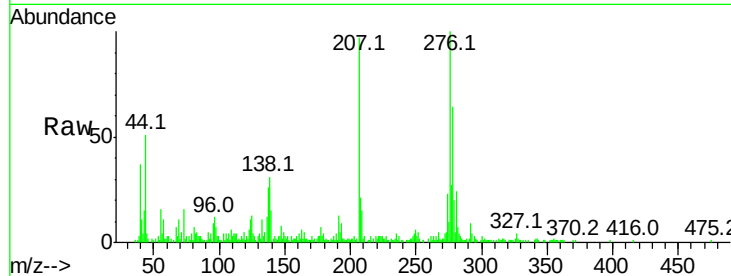
#28
Dibenzo(a,h)anthracene
Concen: 2.27 ng/ul m
RT: 28.49 min Scan# 4323
Delta R.T. -0.01 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Instrument :
BNA_G
ClientSampleId :
DABG5MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.1	12.2	18.4#
279	31.2	19.2	28.8#

Manual Integrations
APPROVED

mohammad
3/17/2017 1:08:39 PM



#29
Benzo(g,h,i)perylene
Concen: 7.08 ng/ul
RT: 29.57 min Scan# 4508
Delta R.T. 0.01 min
Lab File: BG026253.D
Acq: 16 Mar 2017 3:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.3	22.9#
277	27.7	19.0	28.4

