

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026272.D
 Acq On : 16 Mar 2017 16:35
 Operator : SJ/MA
 Sample : I2237-06MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABH3MSD

Manual Integrations
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mohammad
 3/17/2017 1:10:02 PM

Quant Time: Mar 16 17:54:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 14:39:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	92923	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	454658	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	236978	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	515687	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	561042	20.00	ng/ul	0.00
22) Perylene-d12	24.85	264	492657	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	14.36	160	733052	37.35	ng/ul	0.00
10) Fluorene-d10	15.65	176	515482	34.21	ng/ul	0.00
14) Anthracene-d10	17.50	188	741407	31.80	ng/ul	0.00
18) Pyrene-d10	19.77	212	820280	30.34	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.63	264	759611	34.84	ng/ul	0.02
Target Compounds						
9) Acenaphthene	14.73	153	545112	37.95	ng/ul	Ovalue 95
13) Phenanthrene	17.44	178	140396	5.10	ng/ul	98
15) Anthracene	17.53	178	29772m	1.07	ng/ul	
16) Fluoranthene	19.44	202	280700	9.28	ng/ul	98
19) Pyrene	19.80	202	1314920	38.73	ng/ul#	91
20) Benzo(a)anthracene	21.63	228	172656	5.47	ng/ul	96
21) Chrysene	21.69	228	179991	5.97	ng/ul	95
23) Benzo(b)fluoranthene	23.83	252	301310	10.59	ng/ul#	88
24) Benzo(k)fluoranthene	23.88	252	109467m	3.98	ng/ul	
26) Benzo(a)pyrene	24.69	252	157148	5.70	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.49	276	83019m	2.57	ng/ul	
29) Benzo(g,h,i)perylene	29.62	276	64960m	2.44	ng/ul	

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

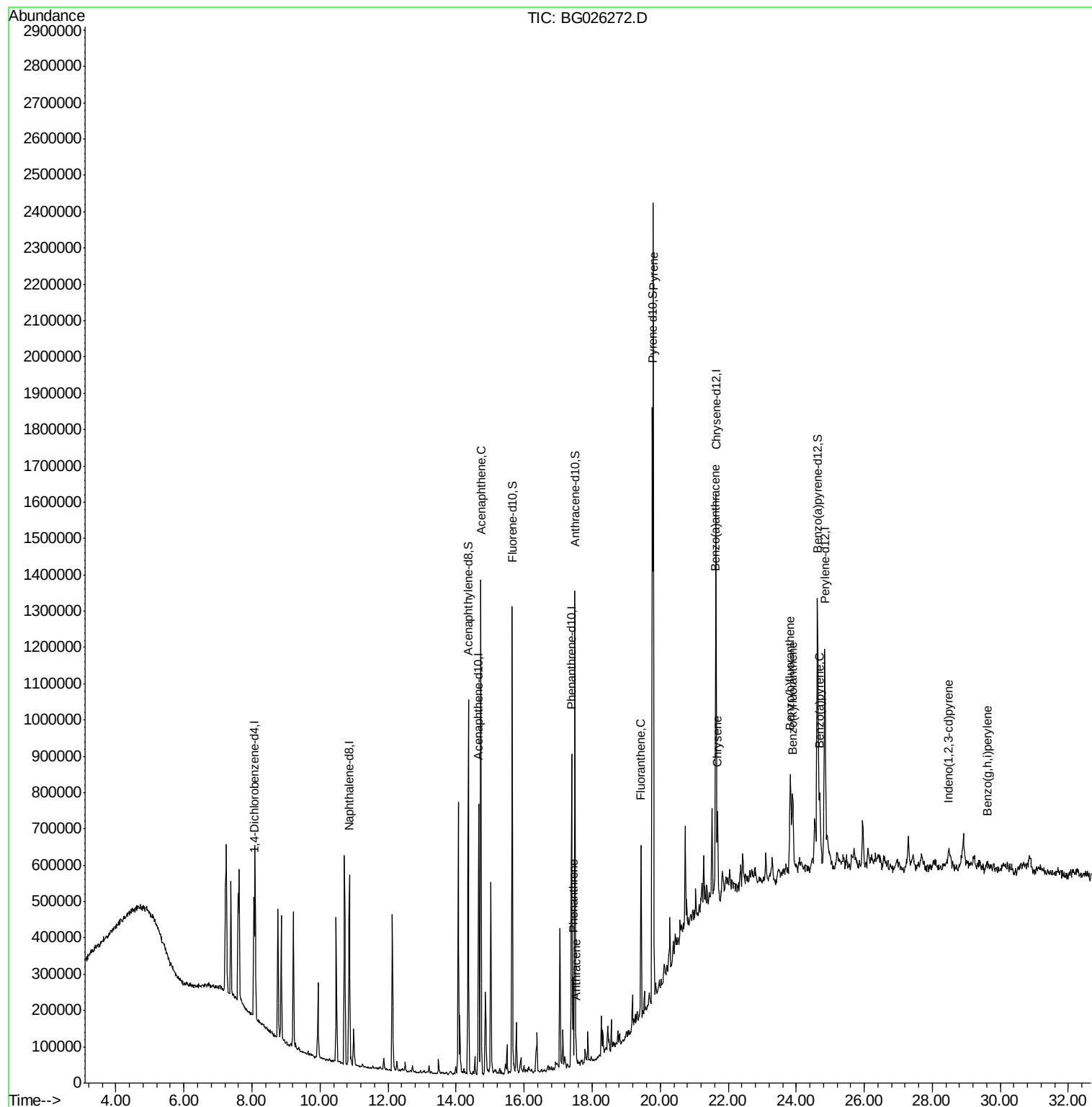
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
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ALS Vial : 38 Sample Multiplier: 1

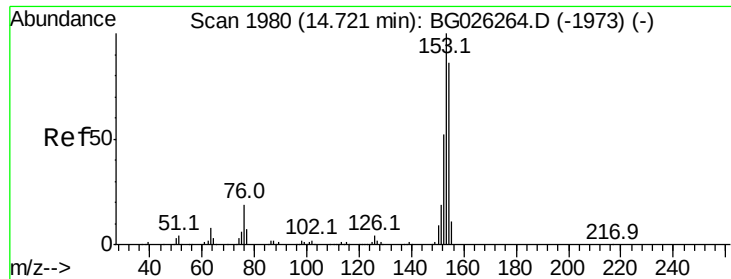
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
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#9

Acenaphthene

Concen: 37.95 ng/ul

RT: 14.73 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BG026272.D

Acq: 16 Mar 2017 16:35

Instrument :

BNA_G

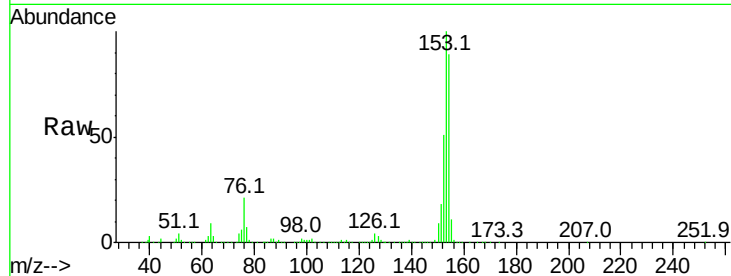
ClientSampleId :

DABH3MSD

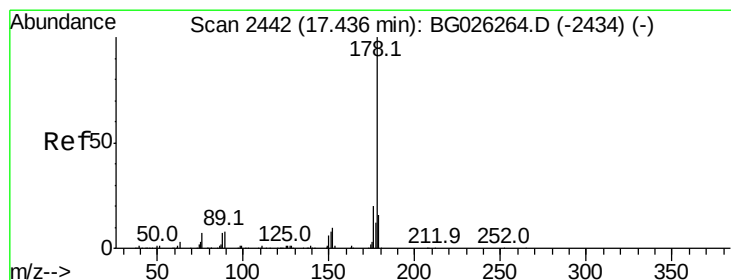
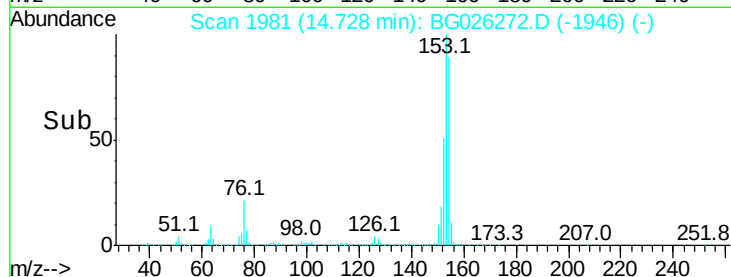
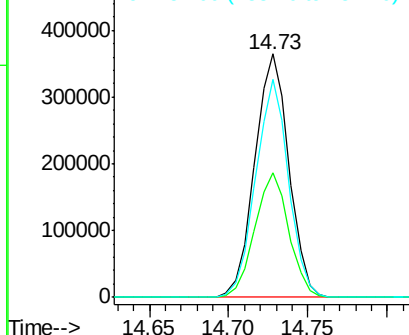
Tot Ion:	153	Resp:	545112
Ion Ratio	Lower	Upper	
153	100		
152	51.1	39.0	58.6
154	89.5	66.8	100.2

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 5.10 ng/ul

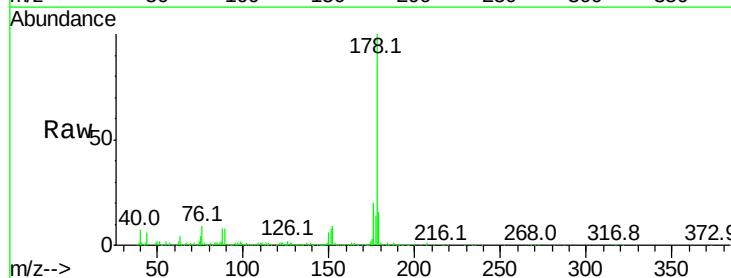
RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

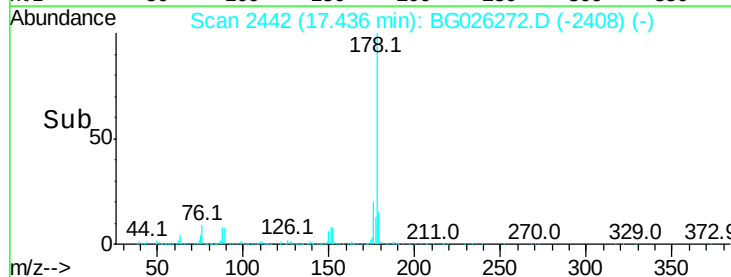
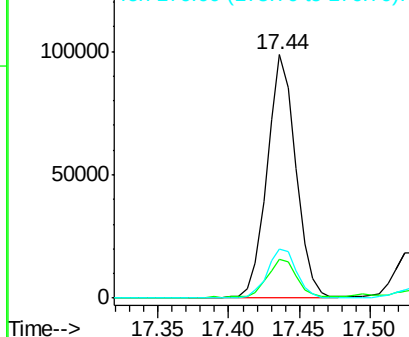
Lab File: BG026272.D

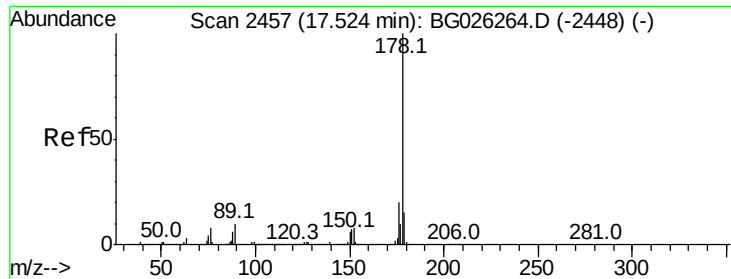
Acq: 16 Mar 2017 16:35

Tgt Ion:	178	Resp:	140396
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	20.2	15.1	22.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





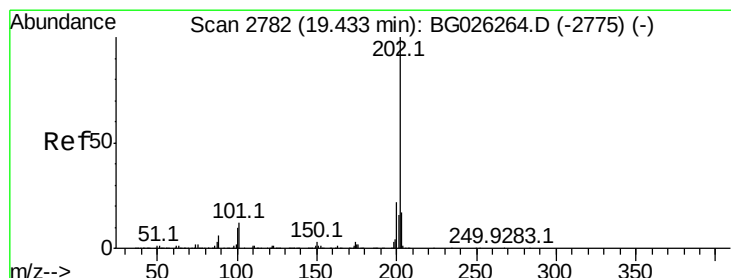
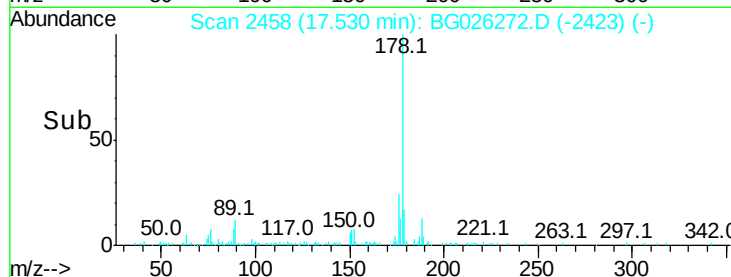
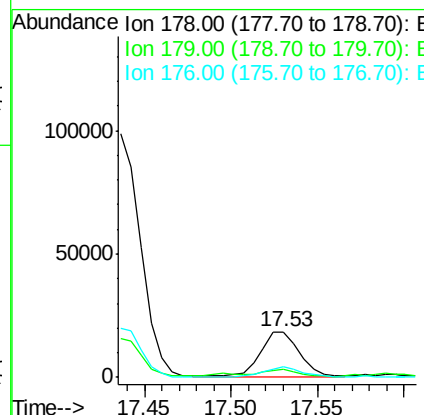
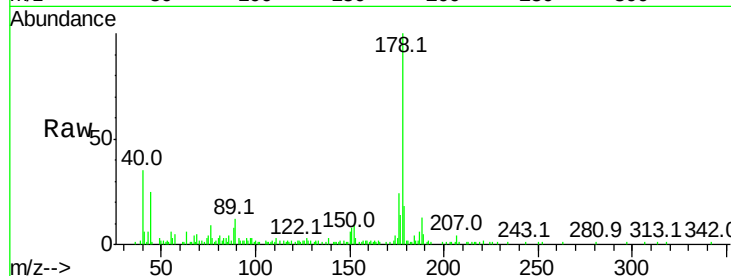
#15
 Anthracene
 Concen: 1.07 ng/ul m
 RT: 17.53 min Scan# 2458
 Delta R.T. 0.01 min
 Lab File: BG026272.D
 Acq: 16 Mar 2017 16:35

Instrument :
 BNA_G
 ClientSampleId :
 DABH3MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.7	11.8	17.8
176	24.2	15.2	22.8

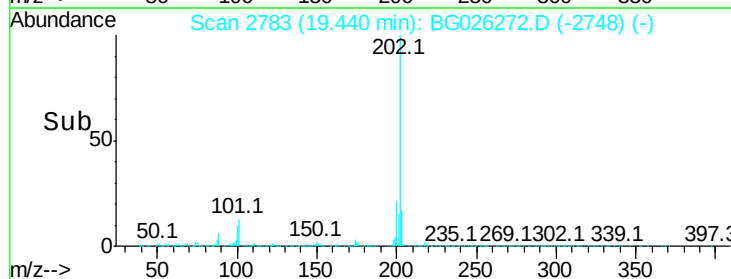
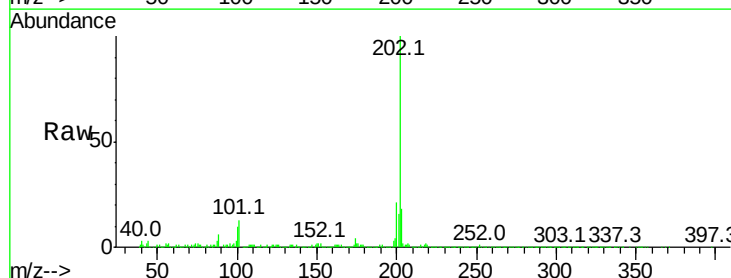
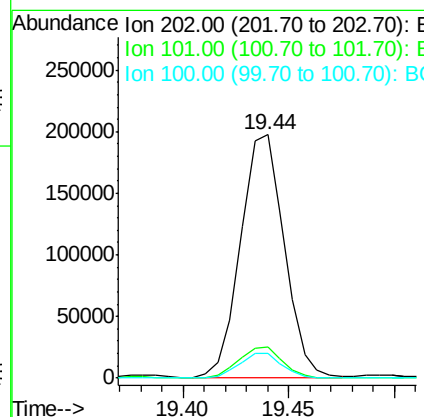
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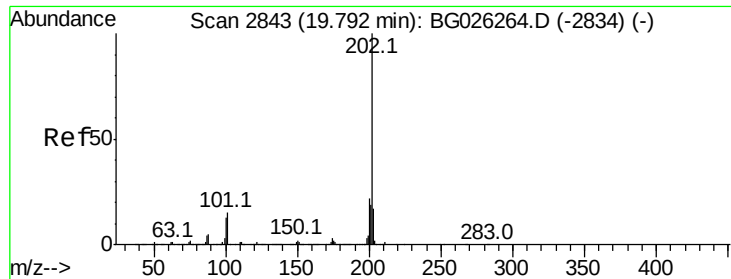
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#16
 Fluoranthene
 Concen: 9.28 ng/ul
 RT: 19.44 min Scan# 2783
 Delta R.T. 0.01 min
 Lab File: BG026272.D
 Acq: 16 Mar 2017 16:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.9	14.9
100	10.3	7.4	11.0





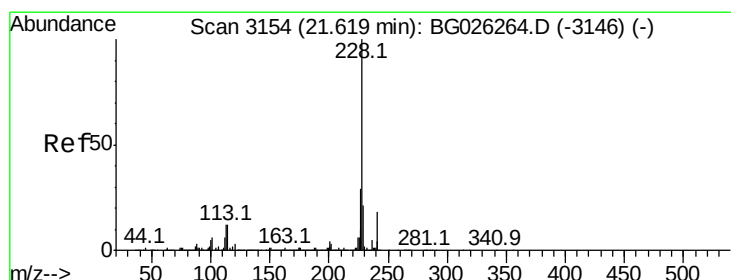
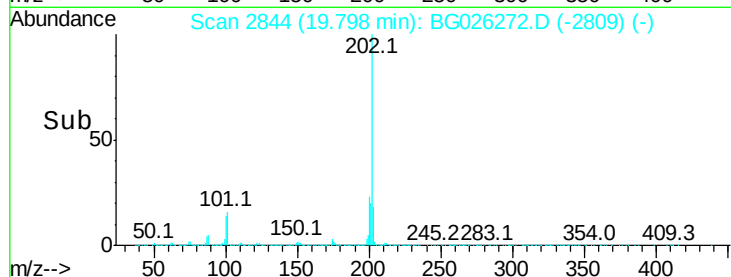
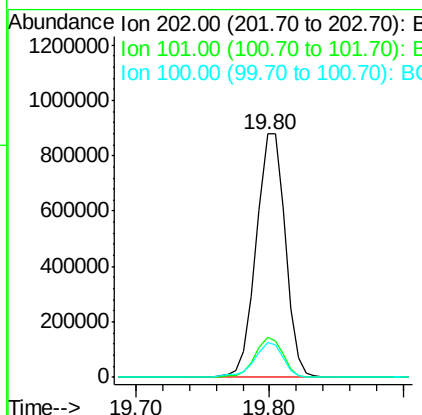
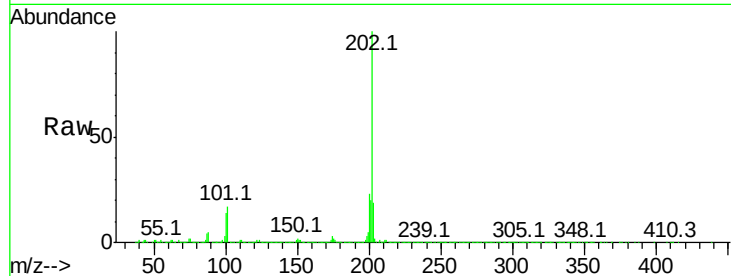
#19
Pvrene
Concen: 38.73 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BG026272.D
Acq: 16 Mar 2017 16:35

Instrument :
BNA_G
ClientSampleId :
DABH3MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.5	11.0	16.4#
100	14.3	8.1	12.1#

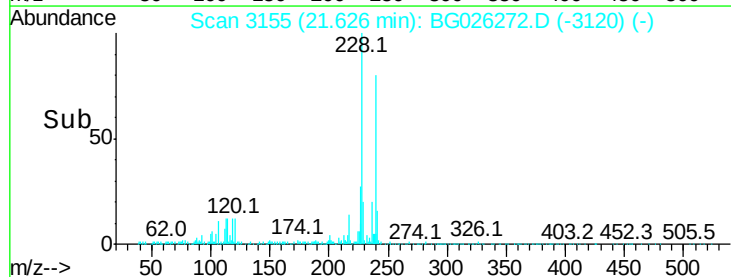
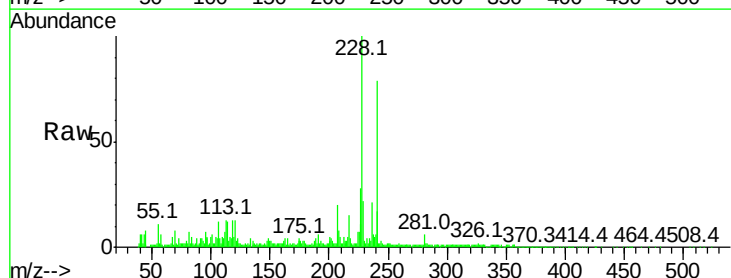
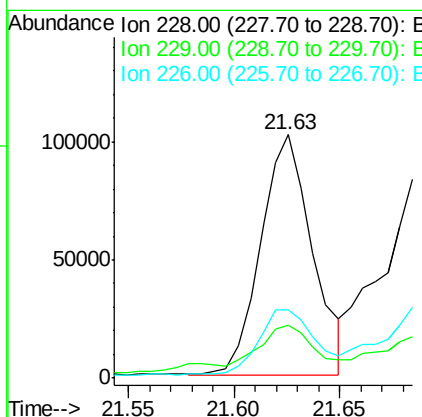
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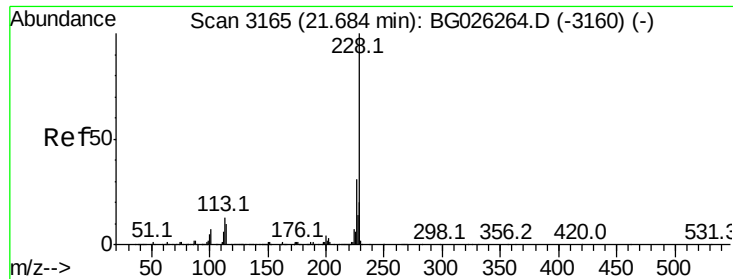
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#20
Benzo(a)anthracene
Concen: 5.47 ng/ul
RT: 21.63 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BG026272.D
Acq: 16 Mar 2017 16:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	28.1	21.1	31.7





#21

Chrysene

Concen: 5.97 ng/ul

RT: 21.69 min Scan# 3166

Delta R.T. 0.01 min

Lab File: BG026272.D

Acq: 16 Mar 2017 16:35

Instrument :

BNA_G

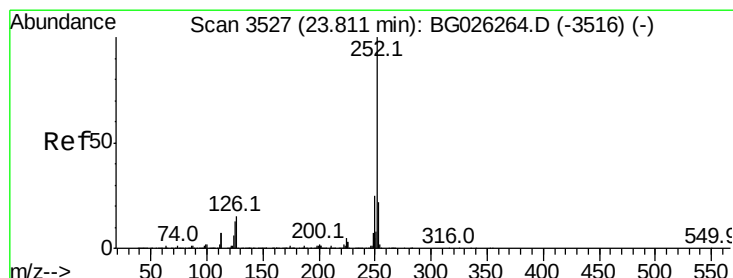
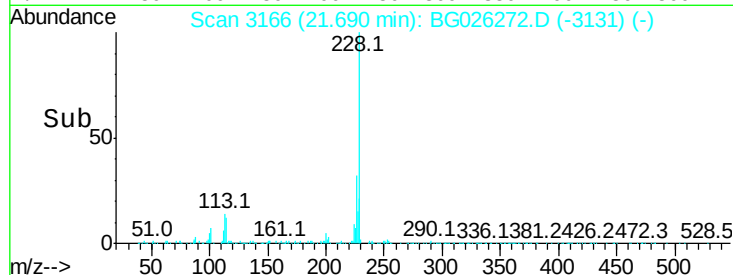
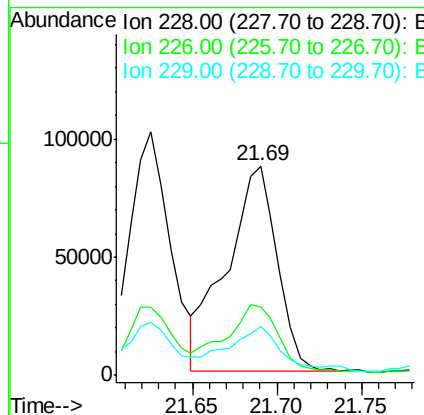
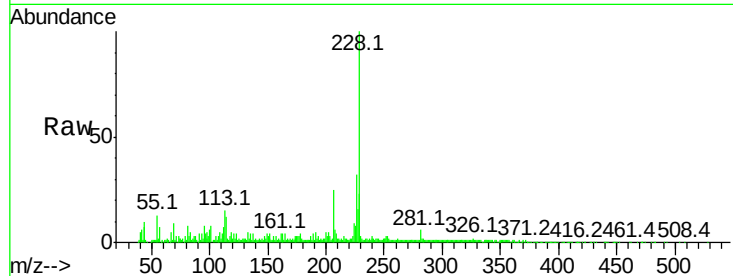
ClientSampleId :

DABH3MSD

Tot Ion:	228	Resp:	179991
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.5	36.7
229	23.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 10.59 ng/ul

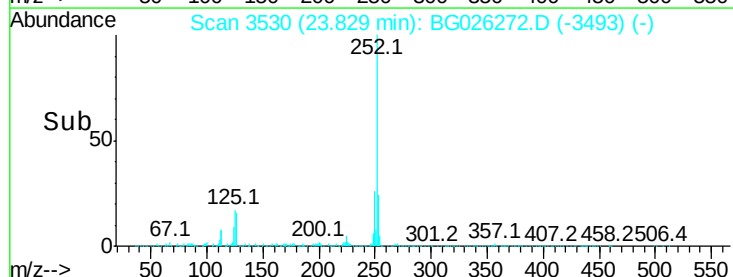
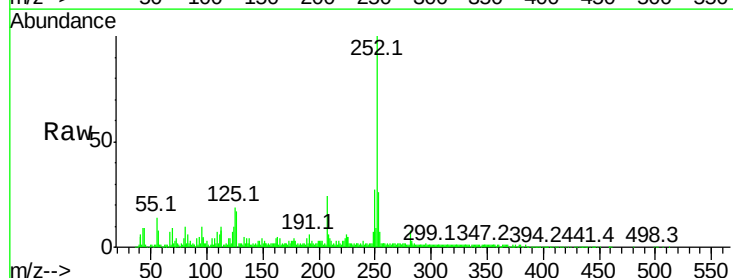
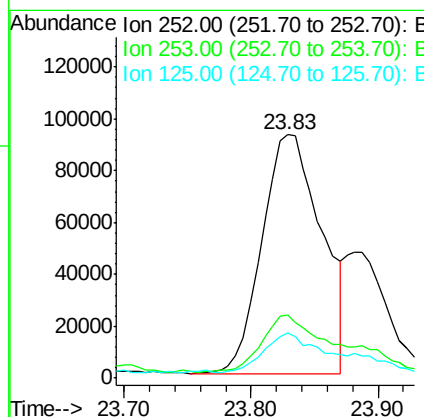
RT: 23.83 min Scan# 3530

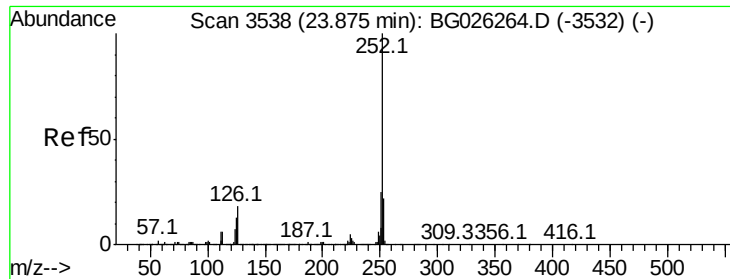
Delta R.T. 0.02 min

Lab File: BG026272.D

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Tgt Ion:	252	Resp:	301310
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.0	27.0
125	18.7	8.0	12.0#





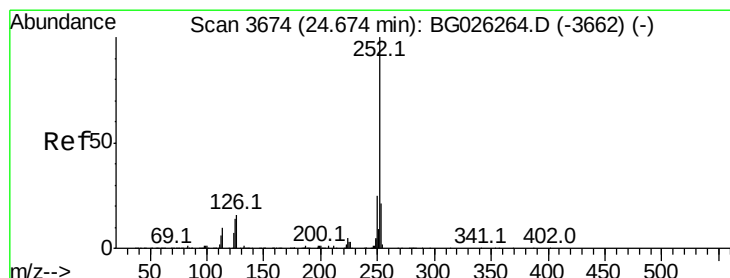
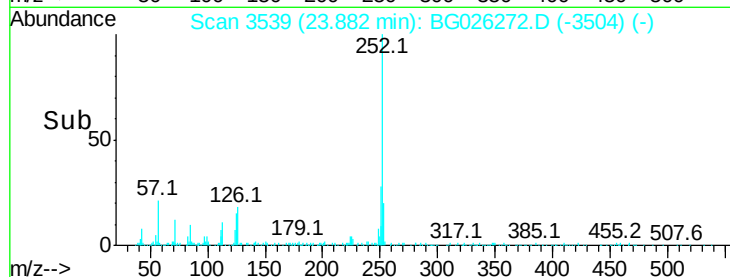
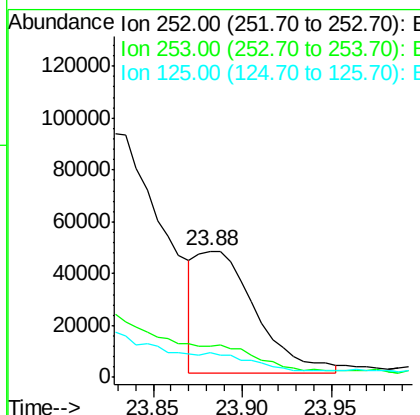
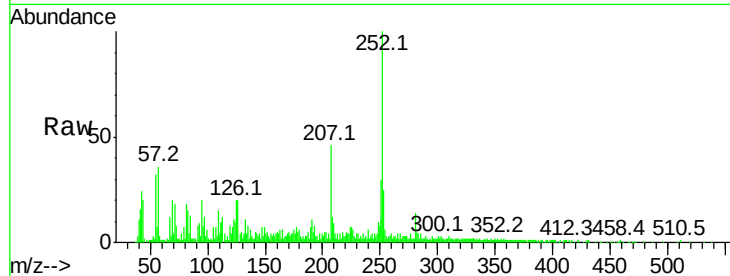
#24
Benzo(k)fluoranthene
Concen: 3.98 ng/ul m
RT: 23.88 min Scan# 3539
Delta R.T. 0.01 min
Lab File: BG026272.D
Acq: 16 Mar 2017 16:35

Instrument :
BNA_G
ClientSampleId :
DABH3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	20.0	8.1	12.1

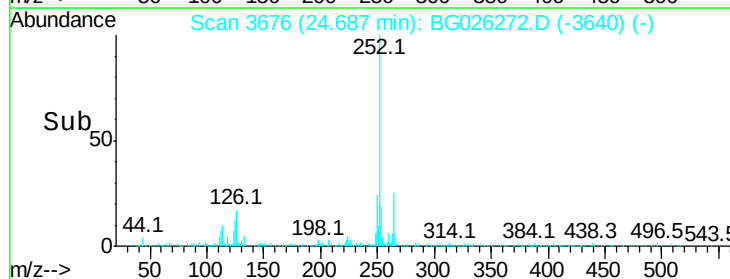
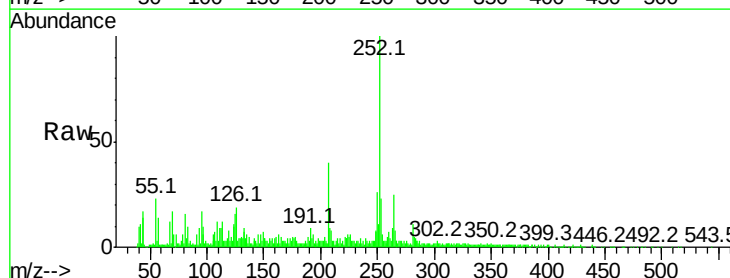
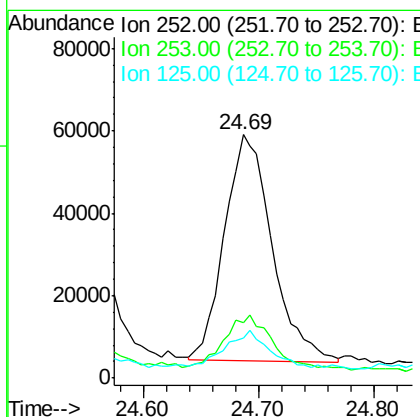
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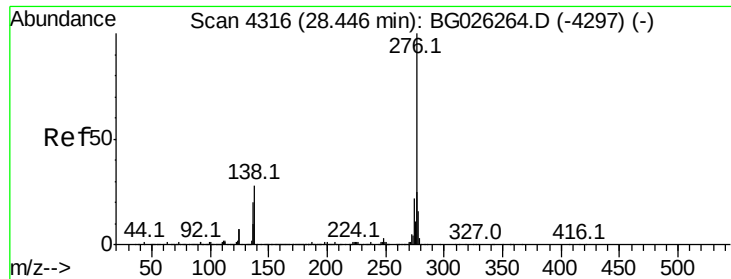
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#26
Benzo(a)pyrene
Concen: 5.70 ng/ul
RT: 24.69 min Scan# 3676
Delta R.T. 0.01 min
Lab File: BG026272.D
Acq: 16 Mar 2017 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	16.4	8.2	12.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.57 ng/ul m

RT: 28.49 min Scan# 4323

Delta R.T. 0.04 min

Lab File: BG026272.D

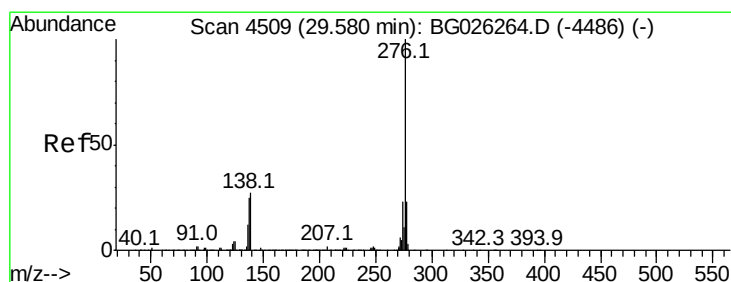
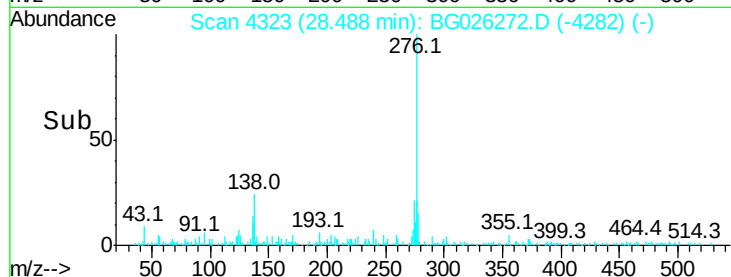
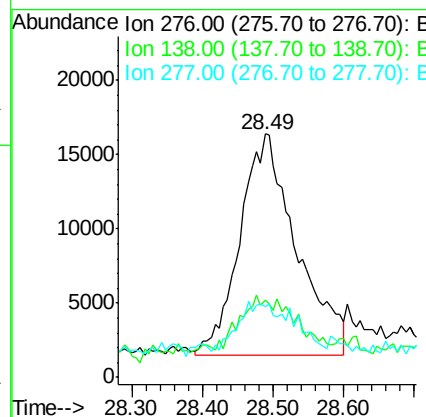
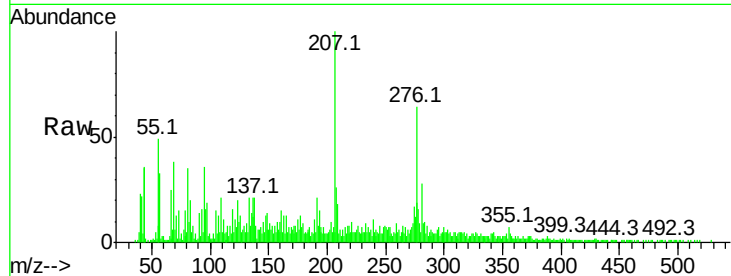
Acq: 16 Mar 2017 16:35

Instrument :
BNA_G
ClientSampleId :
DABH3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	14.4	21.6#
277	28.8	18.0	27.0#

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#29

Benzo(g,h,i)perylene

Concen: 2.44 ng/ul m

RT: 29.62 min Scan# 4515

Delta R.T. 0.04 min

Lab File: BG026272.D

Acq: 16 Mar 2017 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	15.3	22.9#
277	30.3	19.0	28.4#

