

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030817\
 Data File : BG026139.D
 Acq On : 9 Mar 2017 8:06
 Operator : SJ/MA
 Sample : I2062-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AK6

Manual Integrations
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Quant Time: Mar 15 16:50:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 16:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	116053	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	519120	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	309159	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	733538	20.00	ng/ul	0.00
18) Chrysene-d12	21.65	240	788744	20.00	ng/ul	0.00
23) Perylene-d12	24.84	264	755262	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	212268	27.61	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	910815	34.55	ng/ul	0.00
10) Fluorene-d10	15.65	176	680625	35.40	ng/ul	0.00
15) Anthracene-d10	17.50	188	1035444	31.76	ng/ul	0.00
19) Pyrene-d10	19.77	212	1215596	30.20	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.62	264	1153165	35.40	ng/ul	0.00
Target Compounds						
4) Naphthalene	10.92	128	70397	2.77	ng/ul	Qvalue 98
5) 2-Methylnaphthalene	12.51	142	64230	3.41	ng/ul	97
14) Phenanthrene	17.44	178	71454	1.84	ng/ul	98
17) Fluoranthene	19.44	202	119450	2.96	ng/ul	99
20) Pyrene	19.80	202	122483	2.44	ng/ul#	94
21) Benzo(a)anthracene	21.62	228	71124	1.62	ng/ul	96
22) Chrysene	21.69	228	81650	1.99	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	113218	2.64	ng/ul	96
25) Benzo(k)fluoranthene	23.88	252	53042m	1.30	ng/ul	
27) Benzo(a)pyrene	24.68	252	70132	1.76	ng/ul#	90
28) Indeno(1,2,3-cd)pyrene	28.45	276	51851m	1.18	ng/ul	
30) Benzo(g,h,i)perylene	29.60	276	45393	1.21	ng/ul#	86

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

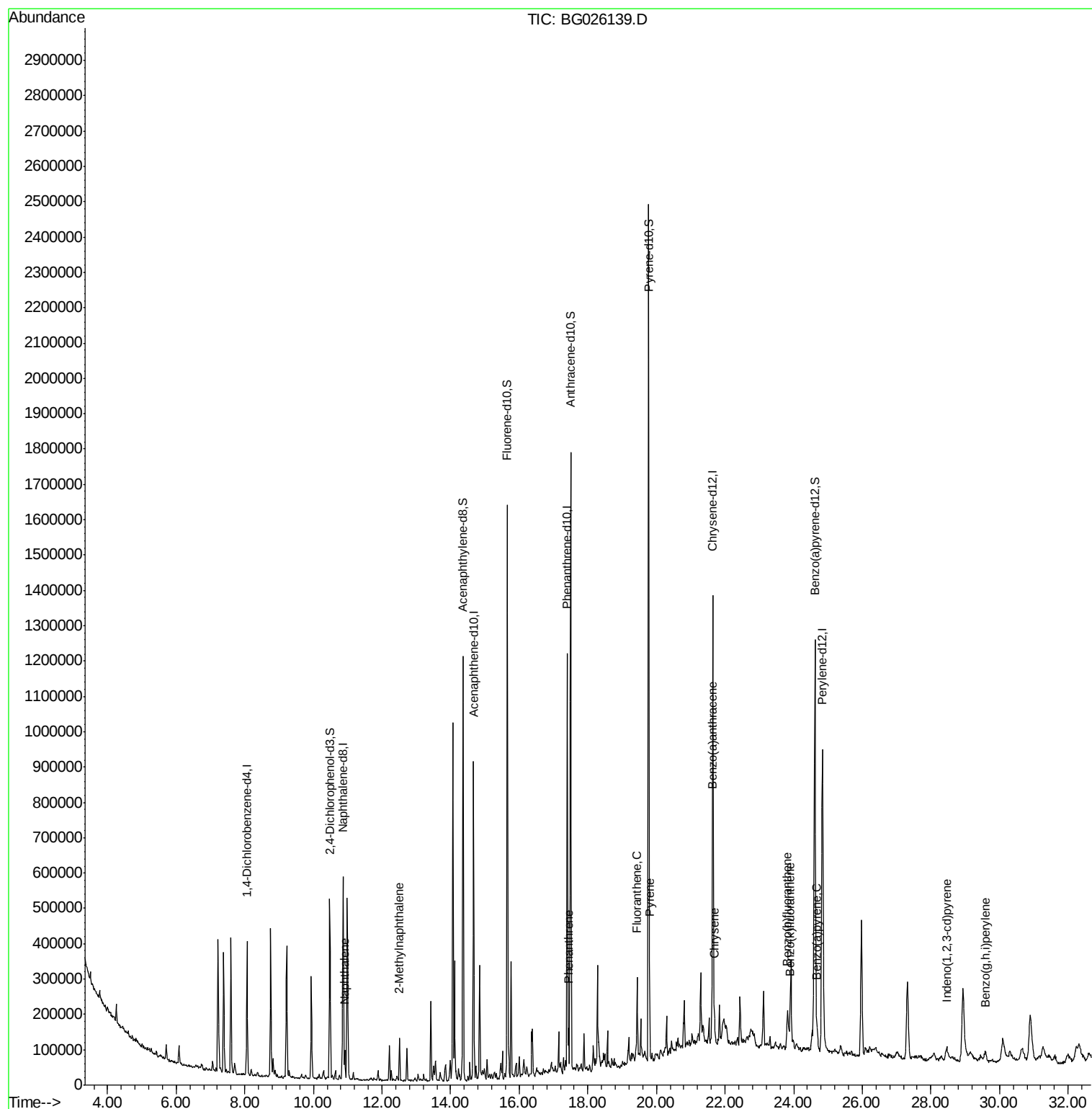
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030817\
Data File : BG026139.D
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Sample : I2062-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

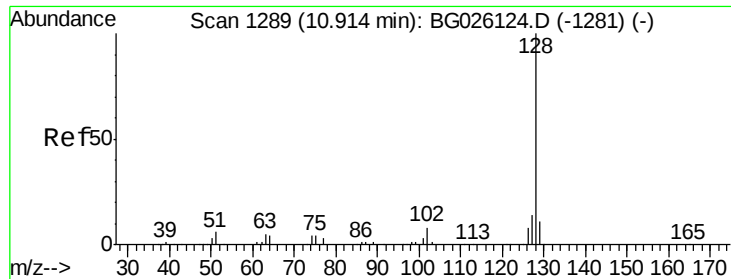
Instrument :
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Quant Time: Mar 15 16:50:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 16:21:45 2017
Response via : Initial Calibration





#4

Naphthalene

Concen: 2.77 ng/ul

RT: 10.92 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BG026139.D

Acq: 9 Mar 2017 8:06

Instrument :

BNA_G

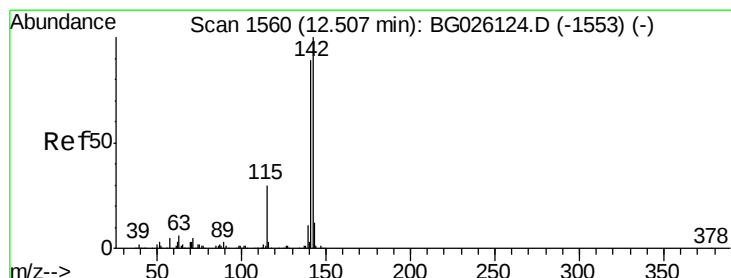
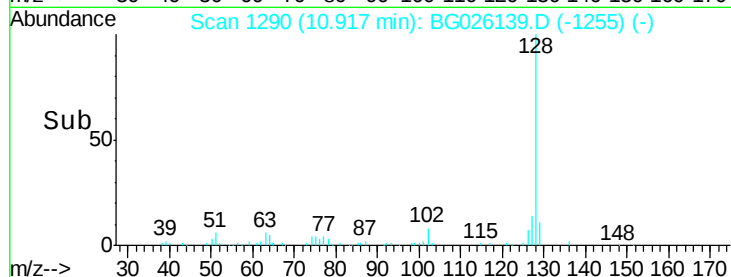
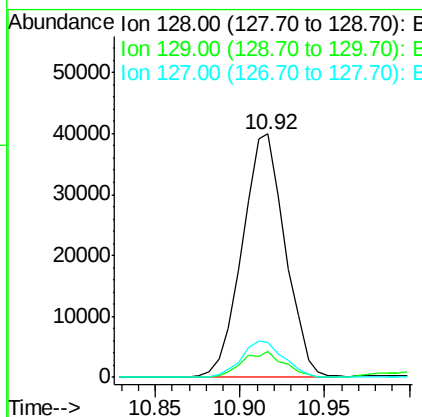
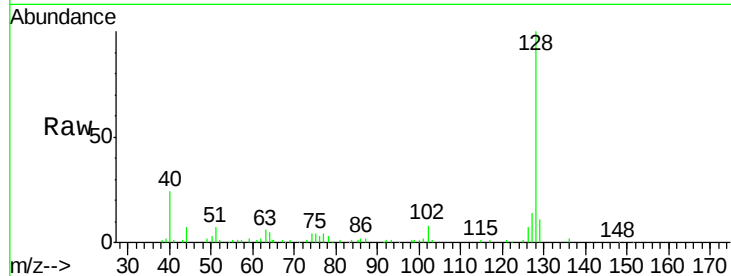
ClientSampleId :

C0AK6

Tgt Ion:	128	Resp:	70397
Ion Ratio		Lower	Upper
128	100		
129	10.5	9.1	13.7
127	14.2	10.6	15.8

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#5

2-Methylnaphthalene

Concen: 3.41 ng/ul

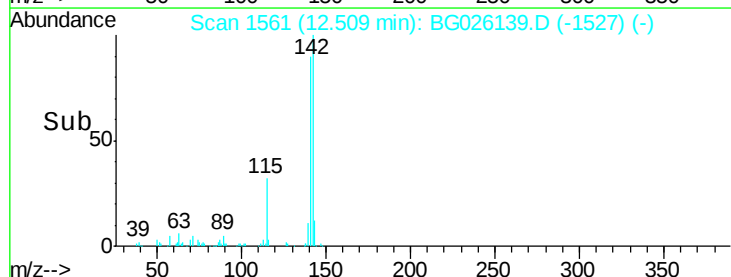
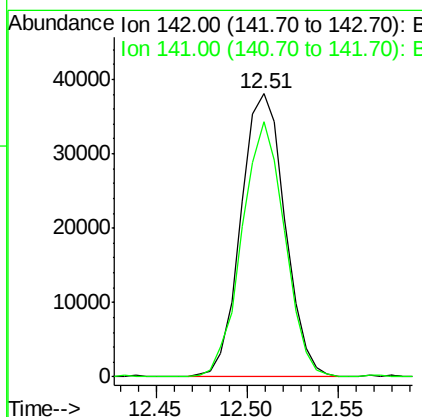
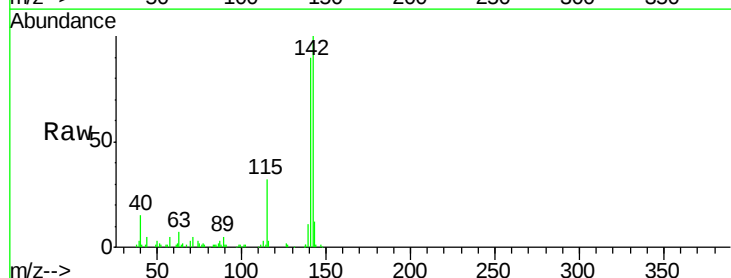
RT: 12.51 min Scan# 1561

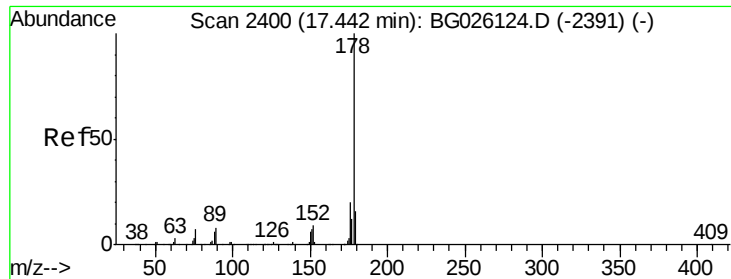
Delta R.T. -0.00 min

Lab File: BG026139.D

Acq: 9 Mar 2017 8:06

Tgt Ion:	142	Resp:	64230
Ion Ratio		Lower	Upper
142	100		
141	90.0	69.8	104.8





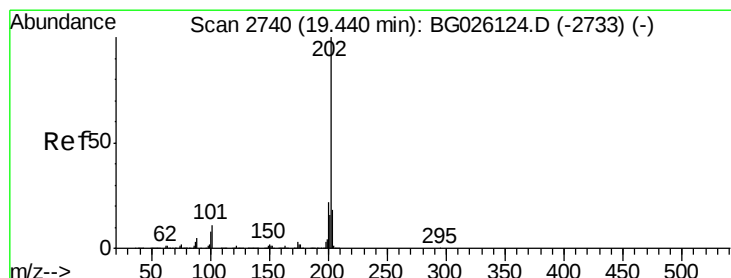
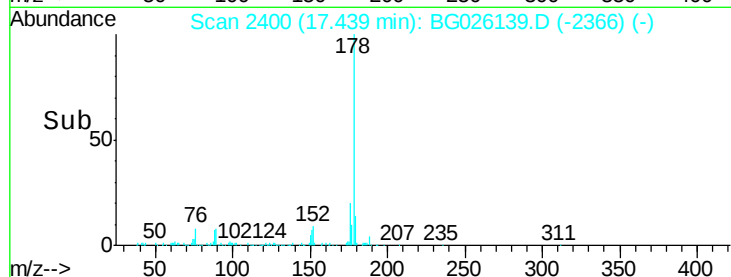
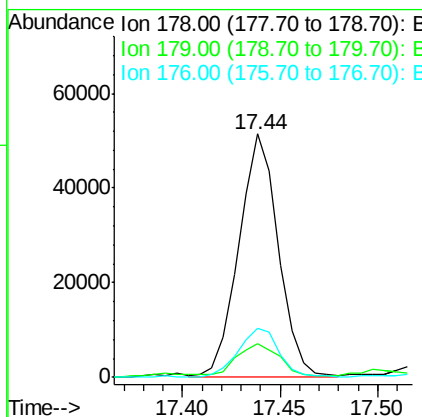
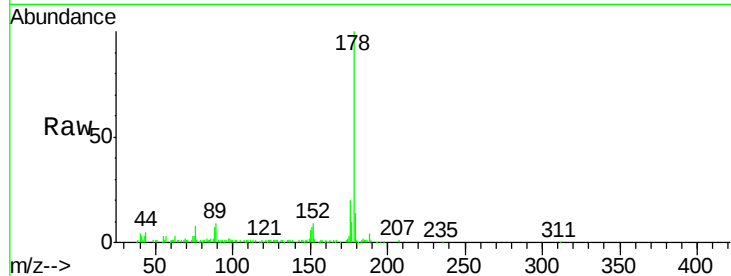
#14
Phenanthrene
Concen: 1.84 ng/ul
RT: 17.44 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG026139.D
Acq: 9 Mar 2017 8:06

Instrument :
BNA_G
ClientSampleId :
C0AK6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.2	18.4
176	20.1	16.4	24.6

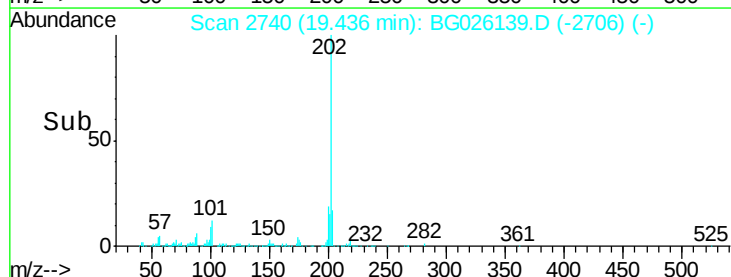
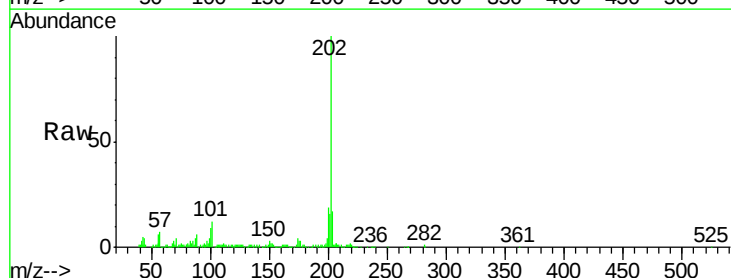
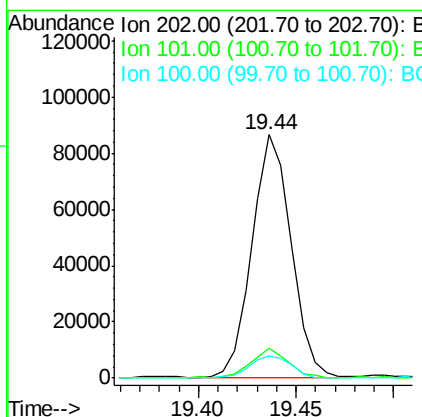
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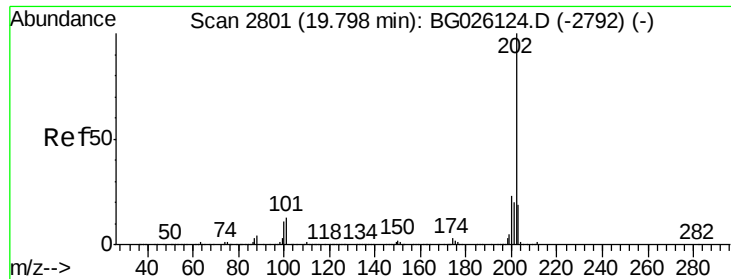
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#17
Fluoranthene
Concen: 2.96 ng/ul
RT: 19.44 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BG026139.D
Acq: 9 Mar 2017 8:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	8.9	7.5	11.3





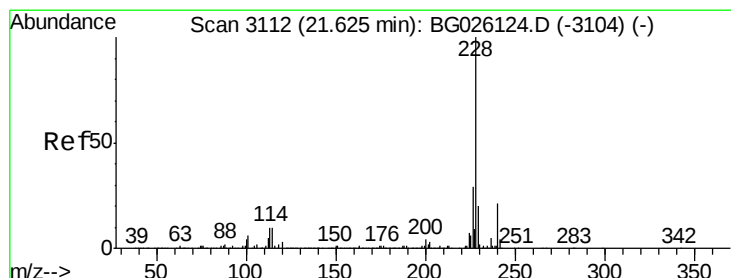
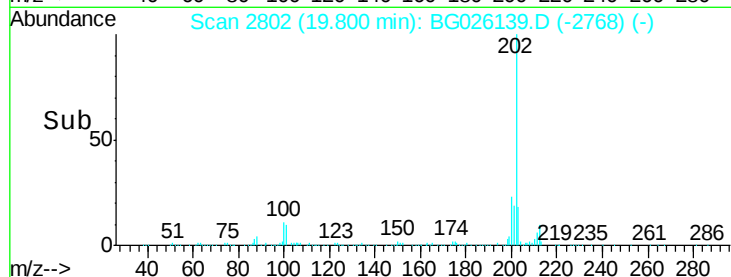
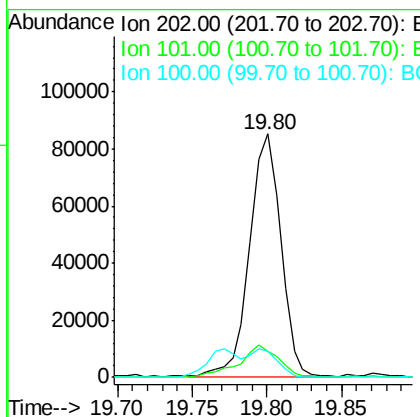
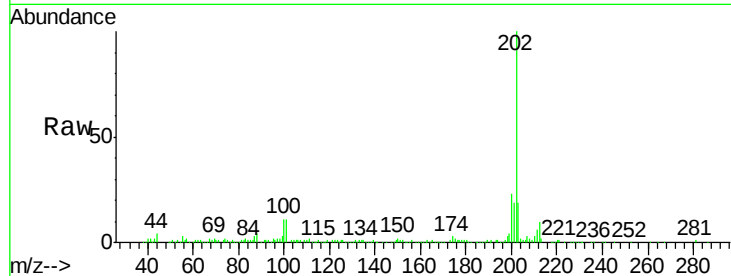
#20
Pyrene
Concen: 2.44 ng/ul
RT: 19.80 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BG026139.D
Acq: 9 Mar 2017 8:06

Instrument :
BNA_G
ClientSampleId :
C0AK6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	11.2	16.8#
100	10.5	9.8	14.6

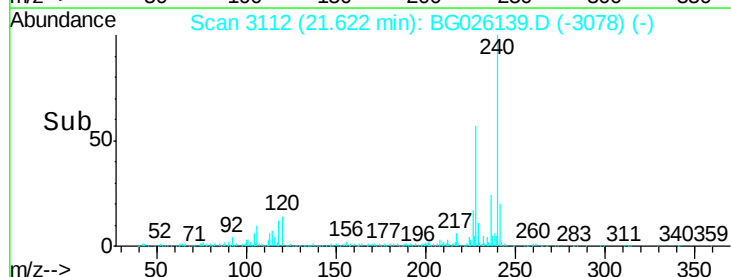
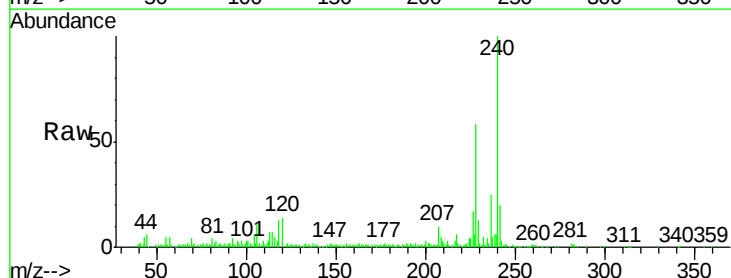
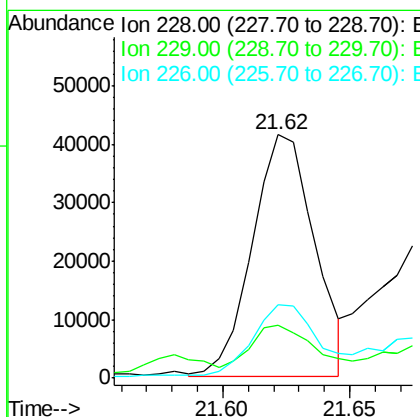
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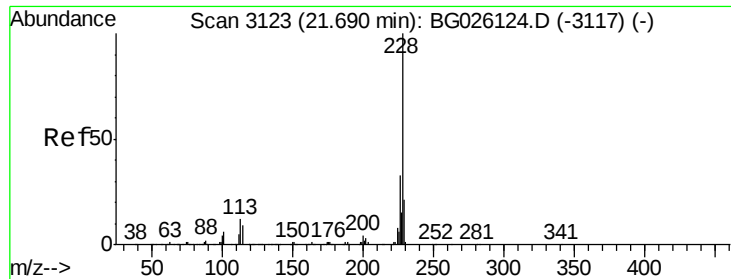
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#21
Benzo(a)anthracene
Concen: 1.62 ng/ul
RT: 21.62 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG026139.D
Acq: 9 Mar 2017 8:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.6	15.9	23.9
226	30.0	22.1	33.1





#22

Chrysene

Concen: 1.99 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG026139.D

Acq: 9 Mar 2017 8:06

Instrument :

BNA_G

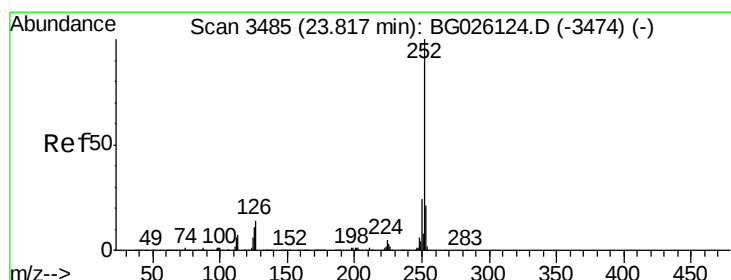
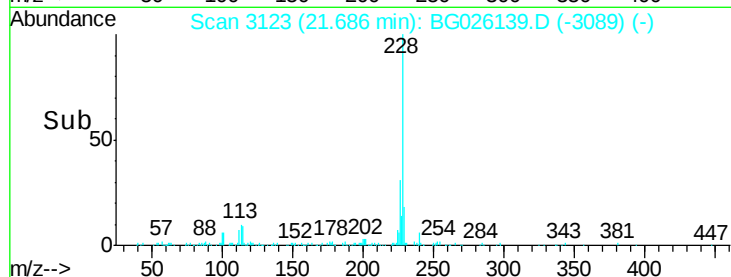
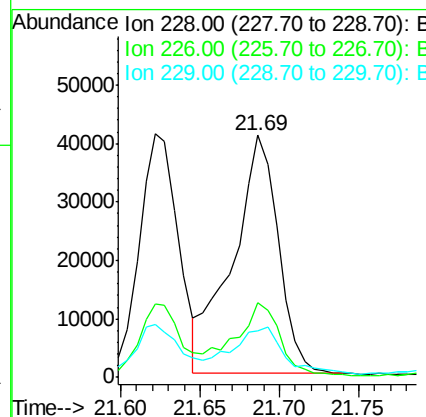
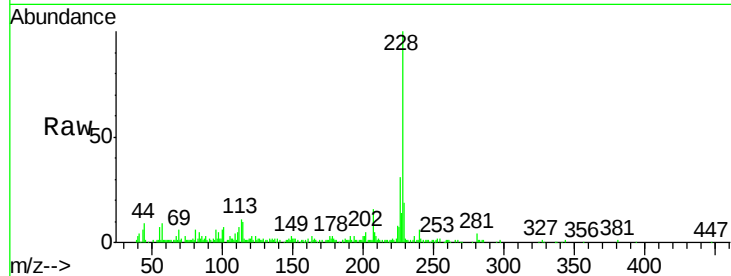
ClientSampleId :

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Tgt Ion:	228	Resp:	81650
Ion Ratio		Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.2	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 2.64 ng/ul

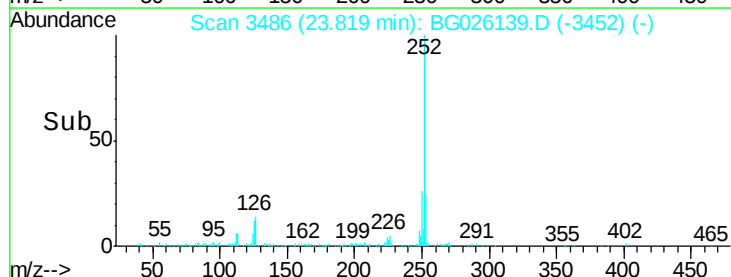
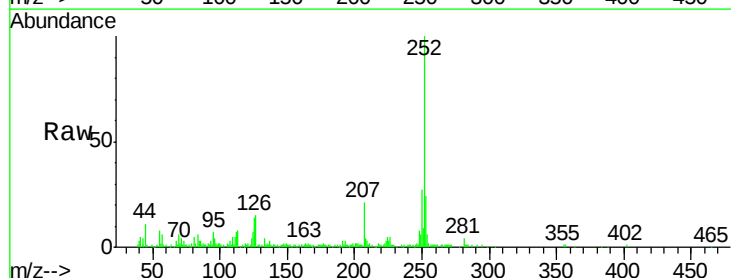
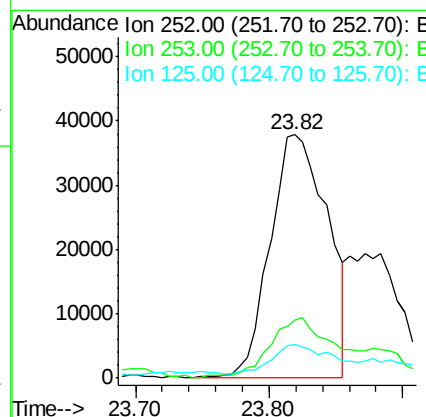
RT: 23.82 min Scan# 3486

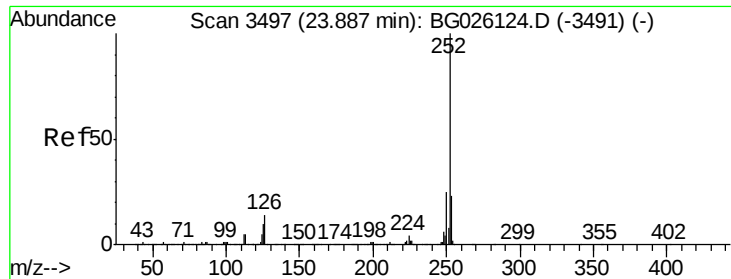
Delta R.T. -0.00 min

Lab File: BG026139.D

Acq: 9 Mar 2017 8:06

Tgt Ion:	252	Resp:	113218
Ion Ratio		Lower	Upper
252	100		
253	24.1	17.8	26.6
125	13.7	9.4	14.0





#25

Benzo(k)fluoranthene

Concen: 1.30 ng/ul m

RT: 23.88 min Scan# 3497

Delta R.T. -0.00 min

Lab File: BG026139.D

Acq: 9 Mar 2017 8:06

Instrument :

BNA_G

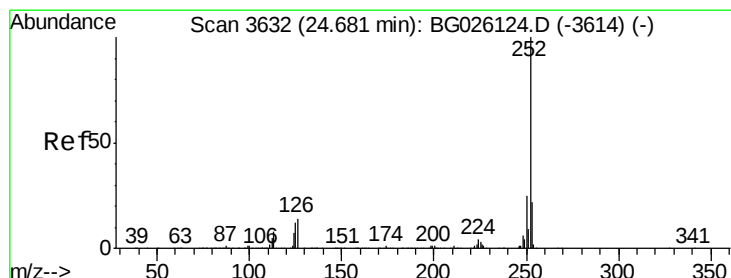
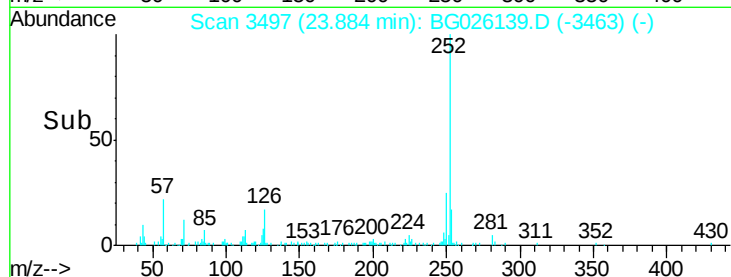
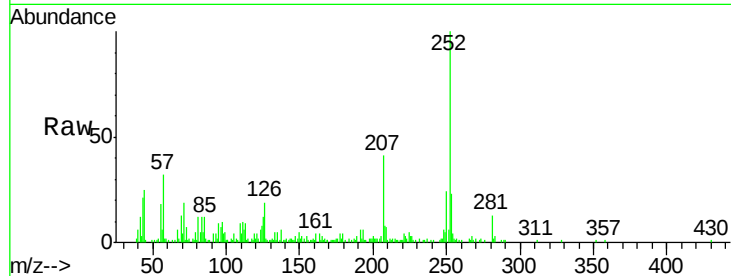
ClientSampled :

C0AK6

Tgt Ion:	252	Resp:	53042
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	12.4	8.8	13.2

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#27

Benzo(a)pyrene

Concen: 1.76 ng/ul

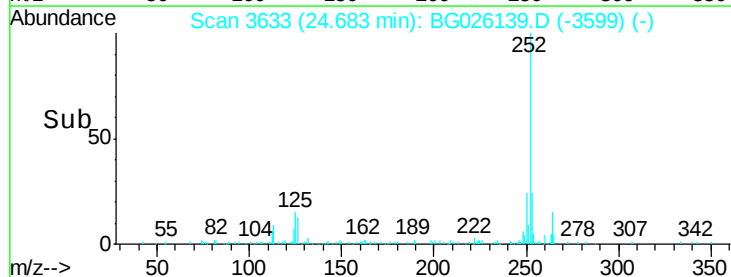
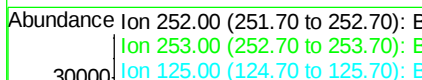
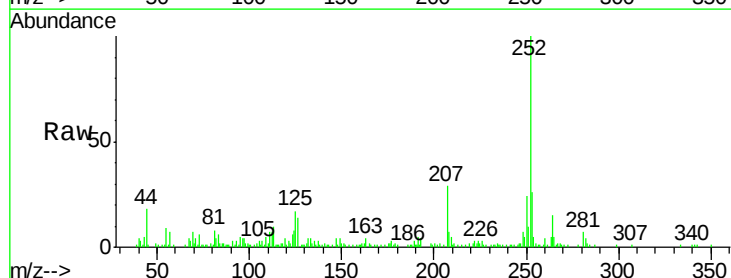
RT: 24.68 min Scan# 3633

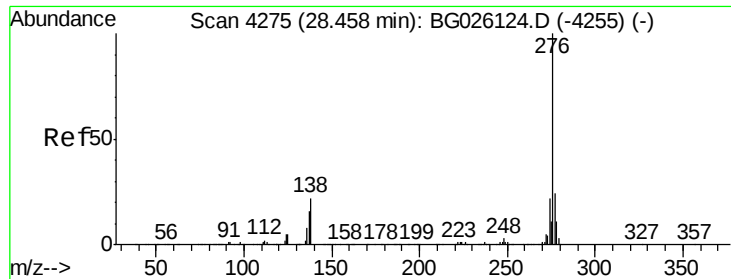
Delta R.T. -0.00 min

Lab File: BG026139.D

Acq: 9 Mar 2017 8:06

Tgt Ion:	252	Resp:	70132
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.1	25.7
125	16.8	9.4	14.2#





#28

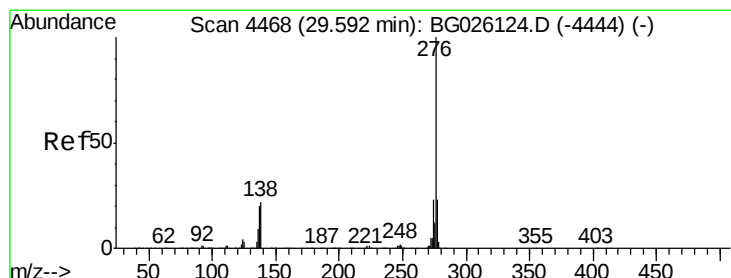
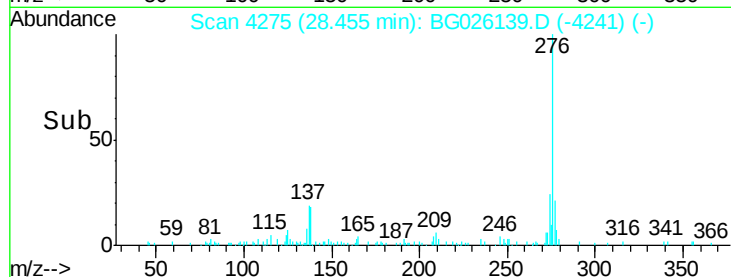
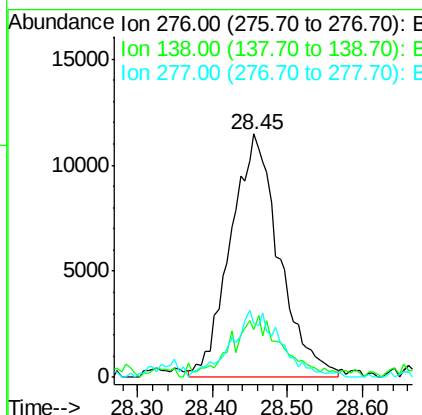
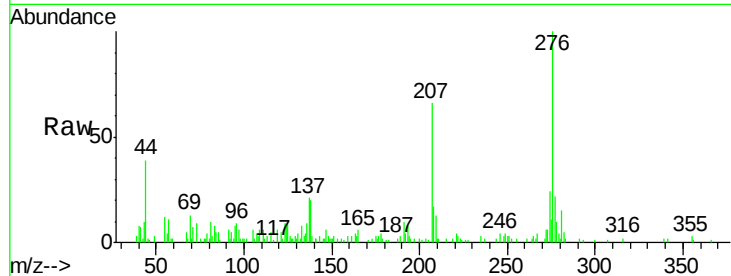
Indeno(1,2,3-cd)pyrene
Concen: 1.18 ng/ul m
RT: 28.45 min Scan# 4275
Delta R.T. -0.00 min
Lab File: BG026139.D
Acq: 9 Mar 2017 8:06

Instrument :
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C0AK6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	17.8	26.6
277	22.4	19.4	29.0

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#30

Benzo(g,h,i)perylene
Concen: 1.21 ng/ul
RT: 29.60 min Scan# 4470
Delta R.T. 0.01 min
Lab File: BG026139.D
Acq: 9 Mar 2017 8:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	19.0	28.4#
277	18.2	19.7	29.5#

