

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030817\
 Data File : BG026140.D
 Acq On : 9 Mar 2017 8:46
 Operator : SJ/MA
 Sample : I2062-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AK7

Manual Integrations
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Quant Time: Mar 15 16:54:27 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	111466	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	497009	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	288723	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	698297	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	794039	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	782027	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	176581	23.99	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	799279	32.47	ng/ul	0.00
10) Fluorene-d10	15.65	176	592896	33.02	ng/ul	0.00
15) Anthracene-d10	17.50	188	916390	29.53	ng/ul	0.00
19) Pyrene-d10	19.77	212	1068093	26.36	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	1062104	31.49	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	67671	1.83	ng/ul	95
17) Fluoranthene	19.44	202	180215	4.69	ng/ul	98
20) Pyrene	19.80	202	173493	3.43	ng/ul	98
21) Benzo(a)anthracene	21.62	228	139997	3.17	ng/ul	96
22) Chrysene	21.69	228	165616	4.02	ng/ul	97
24) Benzo(b)fluoranthene	23.83	252	283049	6.38	ng/ul	99
25) Benzo(k)fluoranthene	23.88	252	84878	2.00	ng/ul	97
27) Benzo(a)pyrene	24.68	252	163658	3.97	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.46	276	116123	2.55	ng/ul	96
30) Benzo(g,h,i)perylene	29.60	276	100118m	2.57	ng/ul	

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

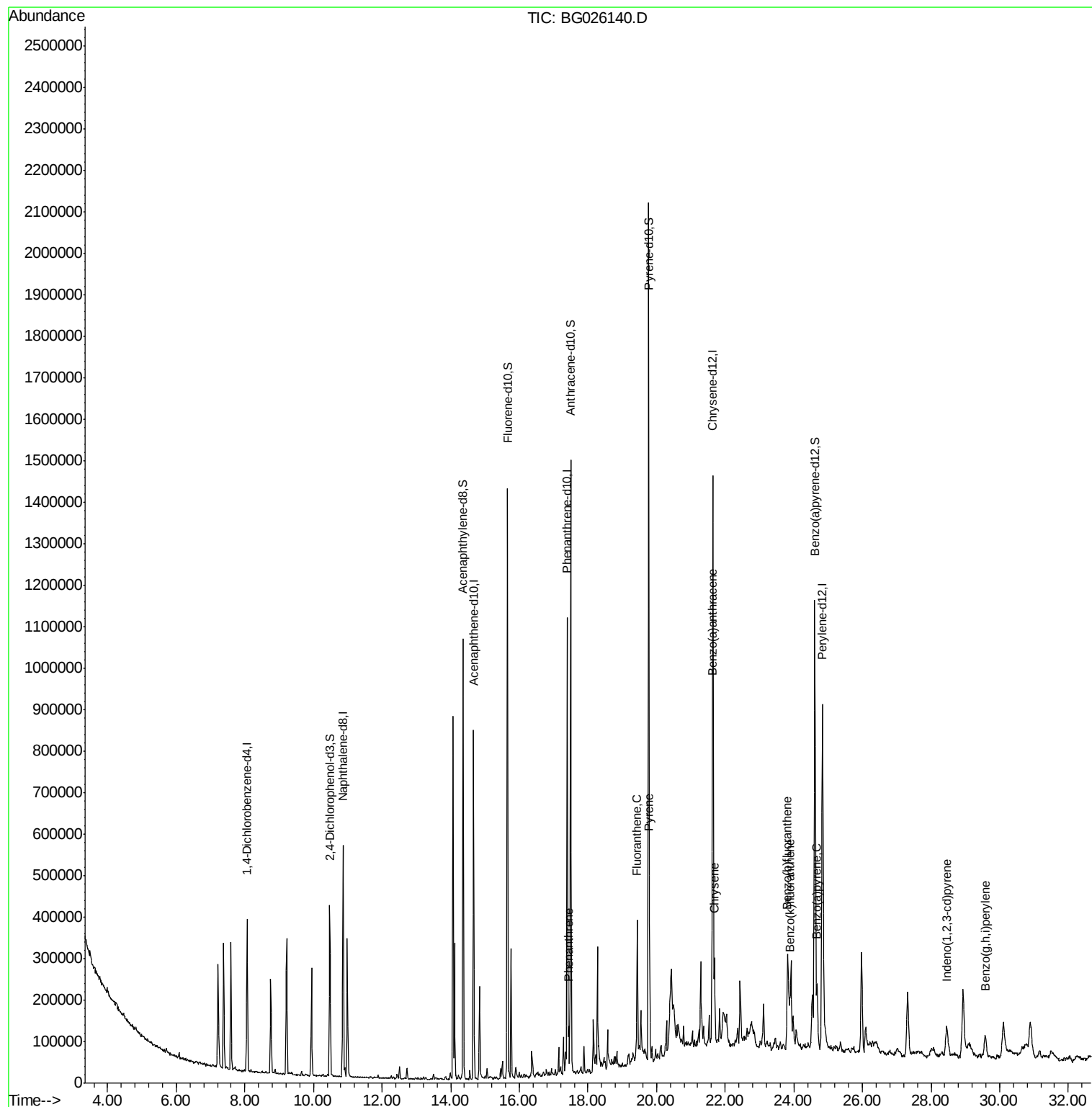
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030817\
Data File : BG026140.D
Acq On : 9 Mar 2017 8:46
Operator : SJ/MA
Sample : I2062-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

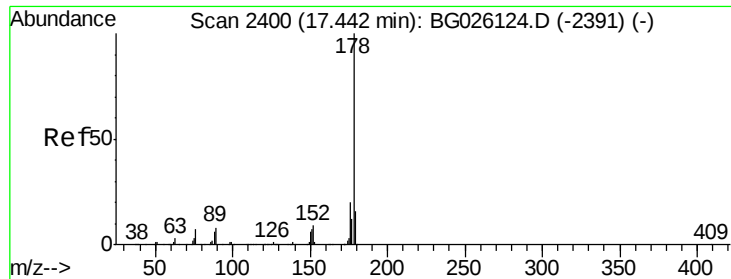
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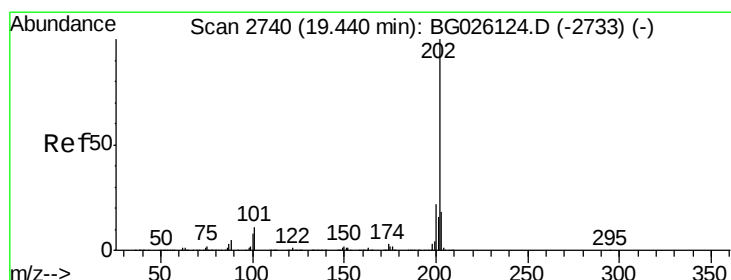
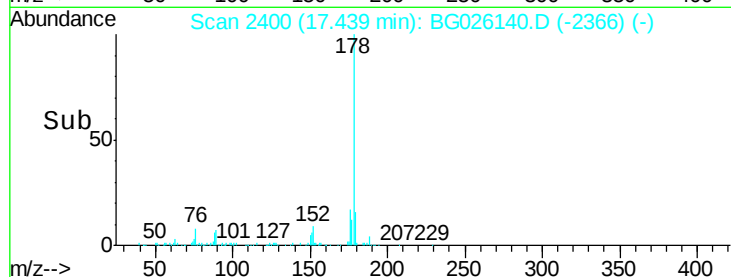
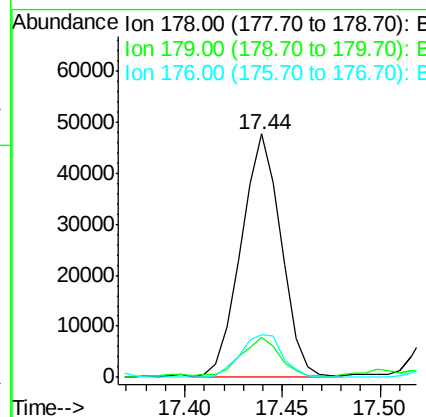
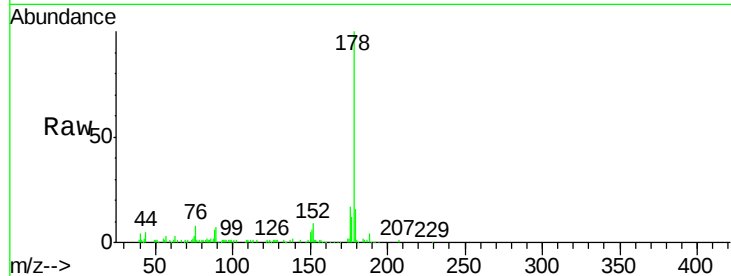
#14
Phenanthrene
Concen: 1.83 ng/ul
RT: 17.44 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BG026140.D
Acq: 9 Mar 2017 8:46

Instrument :
BNA_G
ClientSampleId :
C0AK7

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	17.5	16.4	24.6

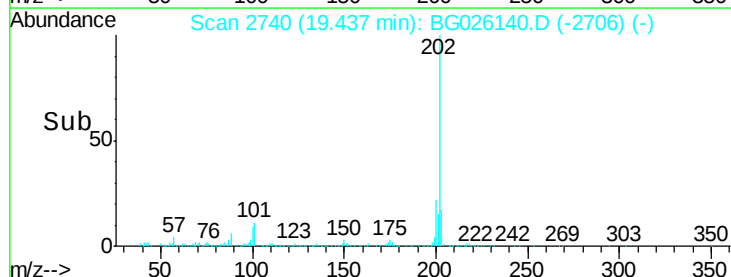
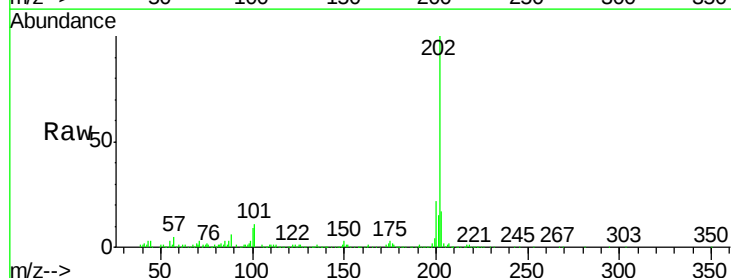
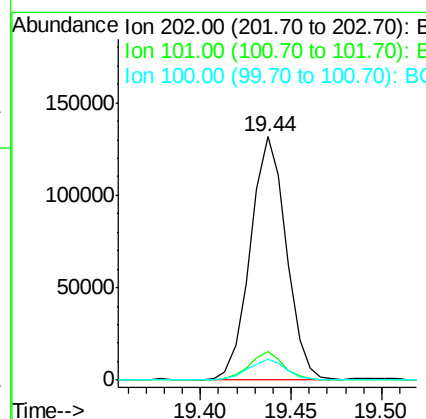
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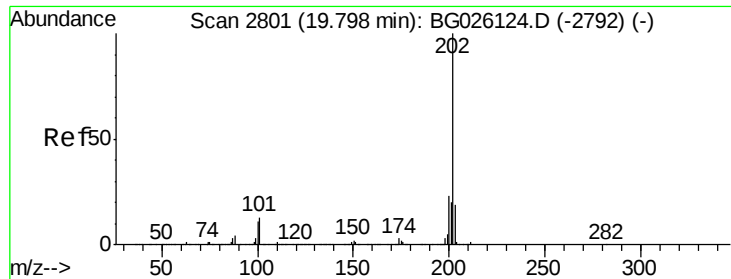
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#17
Fluoranthene
Concen: 4.69 ng/ul
RT: 19.44 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BG026140.D
Acq: 9 Mar 2017 8:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	8.8	7.5	11.3





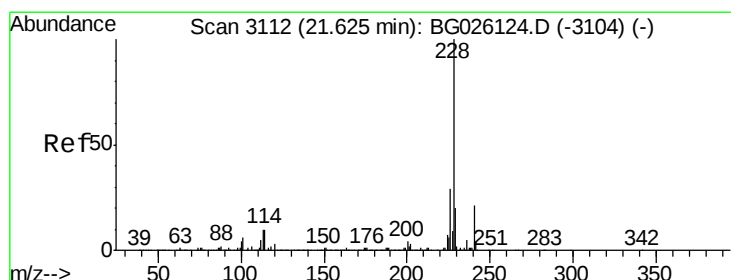
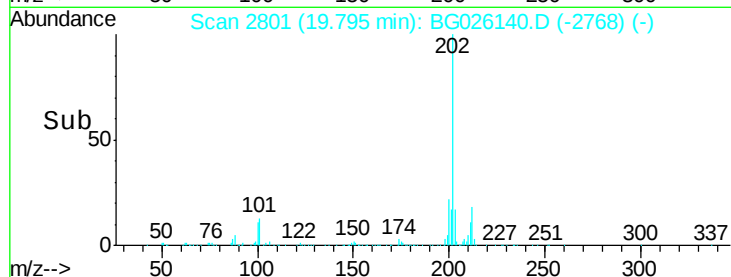
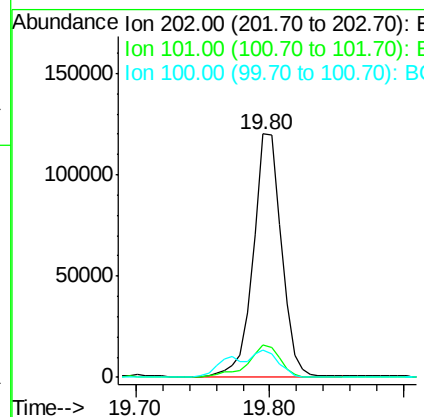
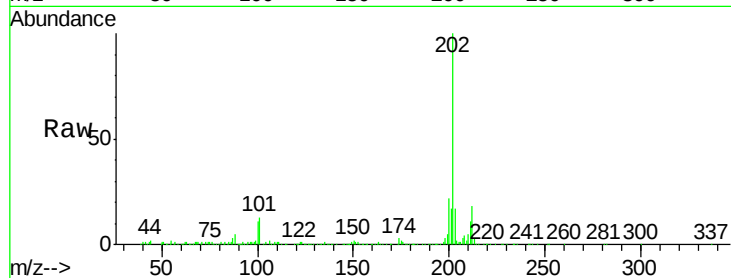
#20
Pyrene
Concen: 3.43 ng/ul
RT: 19.80 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BG026140.D
Acq: 9 Mar 2017 8:46

Instrument :
BNA_G
ClientSampleId :
C0AK7

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.4	11.2	16.8
100	11.3	9.8	14.6

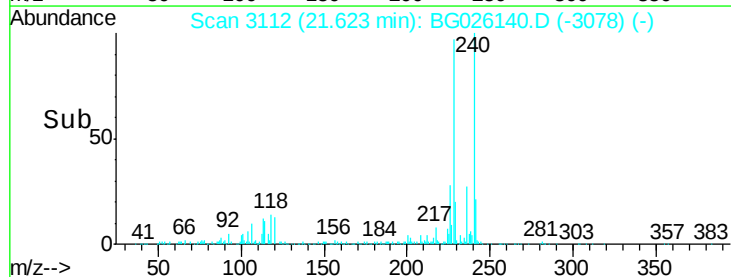
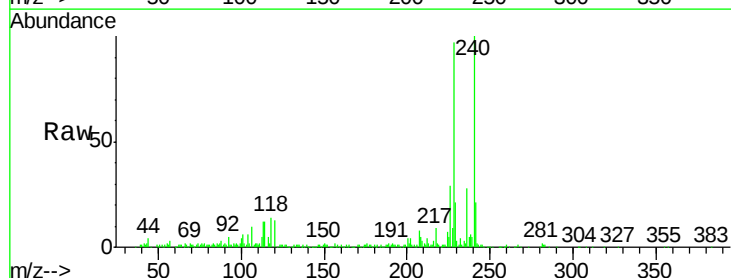
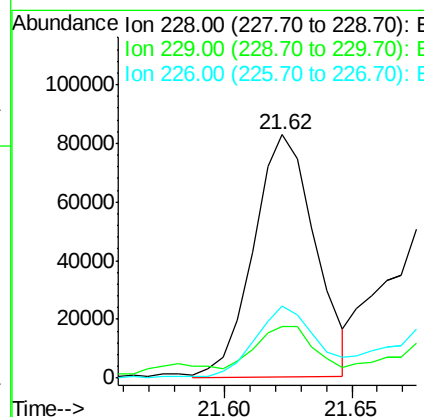
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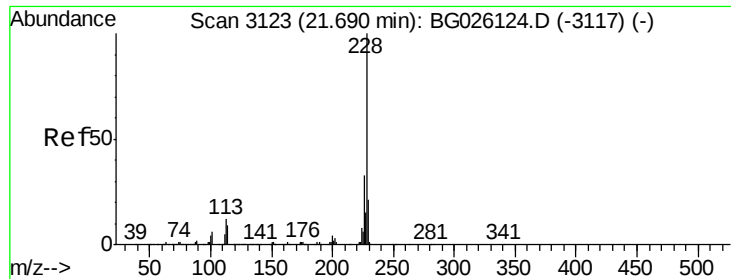
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#21
Benzo(a)anthracene
Concen: 3.17 ng/ul
RT: 21.62 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BG026140.D
Acq: 9 Mar 2017 8:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.4	15.9	23.9
226	29.7	22.1	33.1





#22

Chrysene

Concen: 4.02 ng/ul

RT: 21.69 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG026140.D

Acq: 9 Mar 2017 8:46

Instrument :

BNA_G

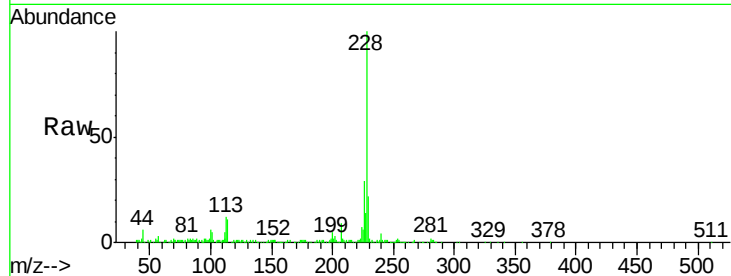
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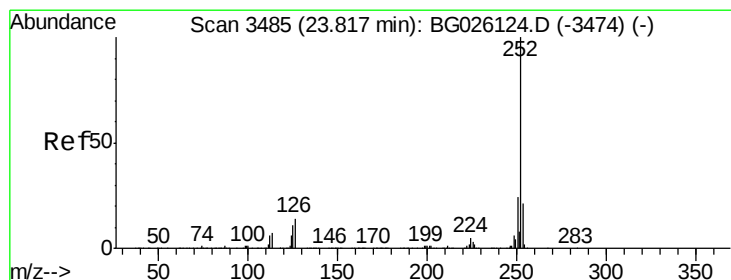
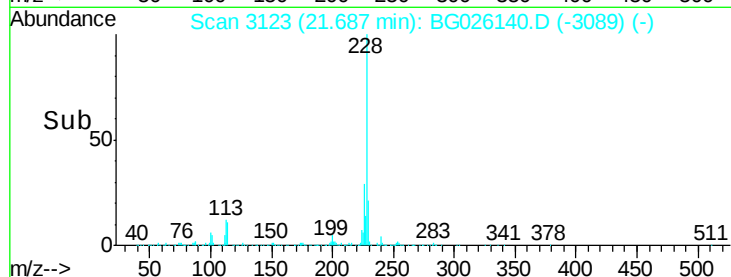
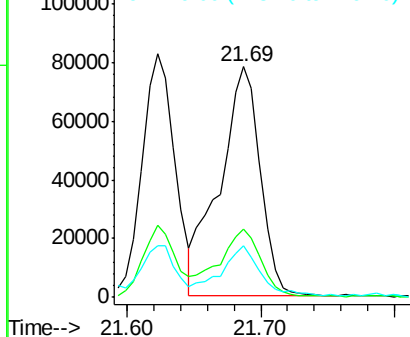
Tgt Ion:	228	Resp:	165616
Ion Ratio		Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.2	16.6	25.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#24

Benzo(b)fluoranthene

Concen: 6.38 ng/ul

RT: 23.83 min Scan# 3487

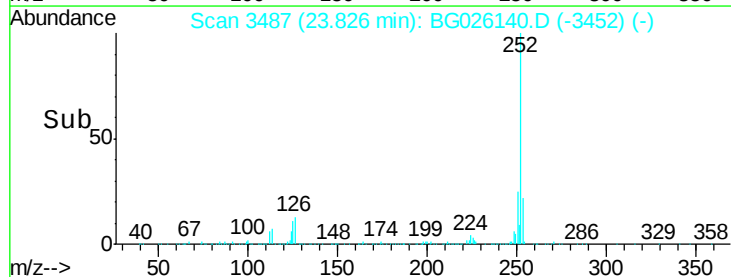
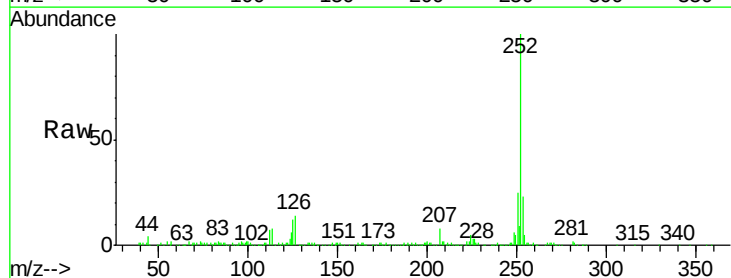
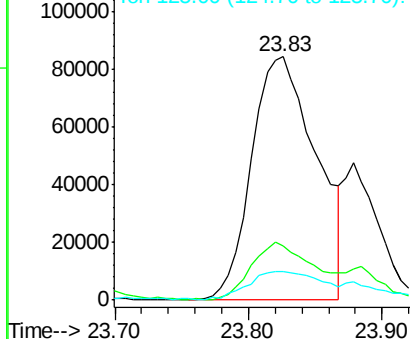
Delta R.T. 0.01 min

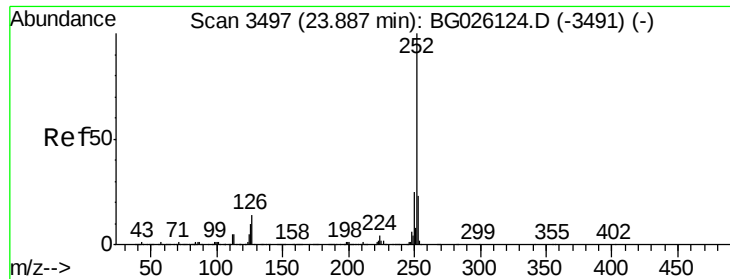
Lab File: BG026140.D

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Tgt Ion:	252	Resp:	283049
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.8	9.4	14.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





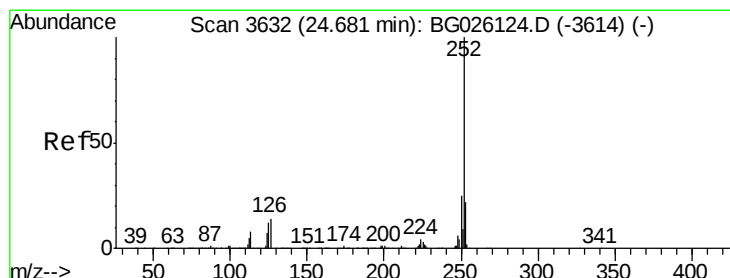
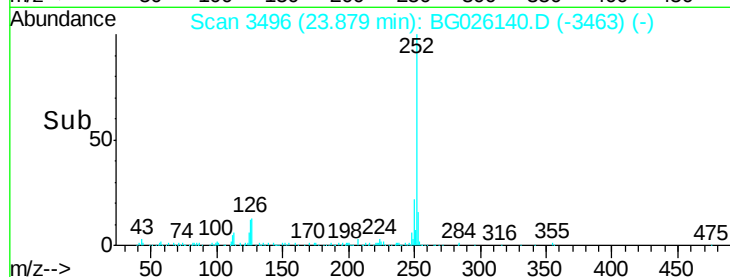
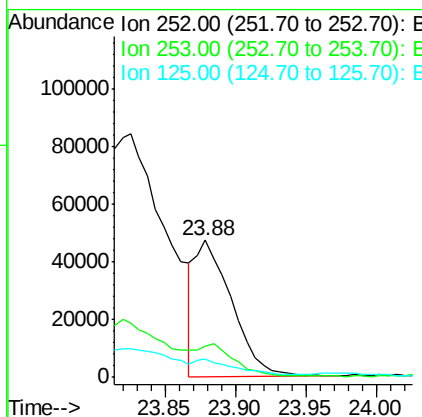
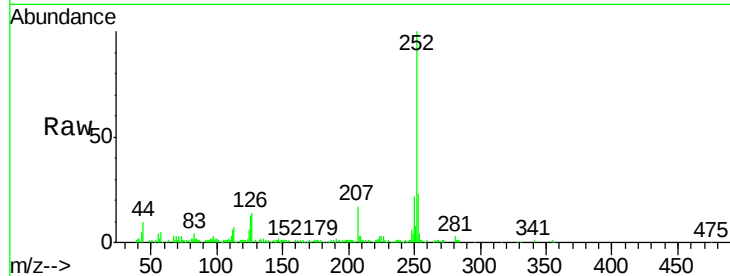
#25
Benzo(k)fluoranthene
Concen: 2.00 ng/ul
RT: 23.88 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BG026140.D
Acq: 9 Mar 2017 8:46

Instrument :
BNA_G
ClientSampled :
C0AK7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	13.0	8.8	13.2

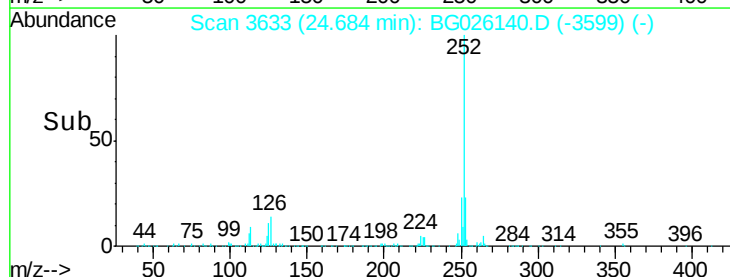
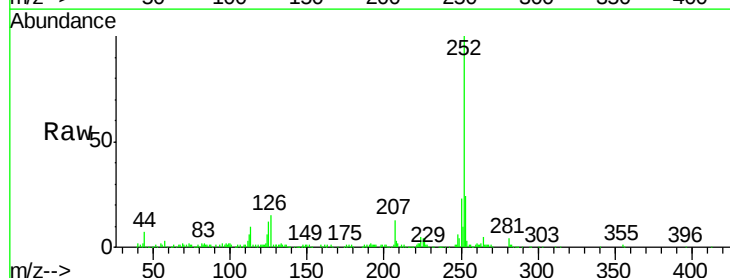
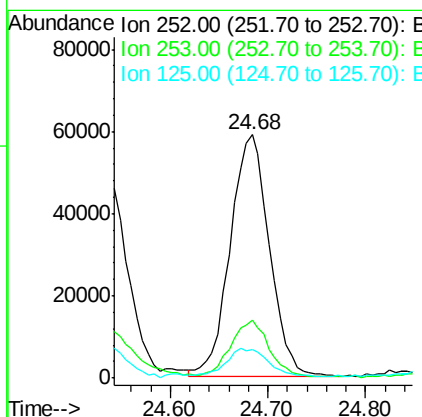
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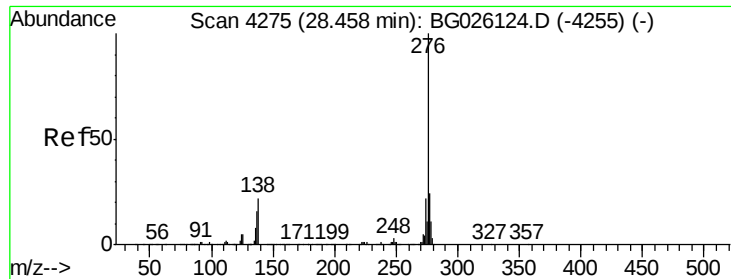
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#27
Benzo(a)pyrene
Concen: 3.97 ng/ul
RT: 24.68 min Scan# 3633
Delta R.T. 0.00 min
Lab File: BG026140.D
Acq: 9 Mar 2017 8:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.8	9.4	14.2





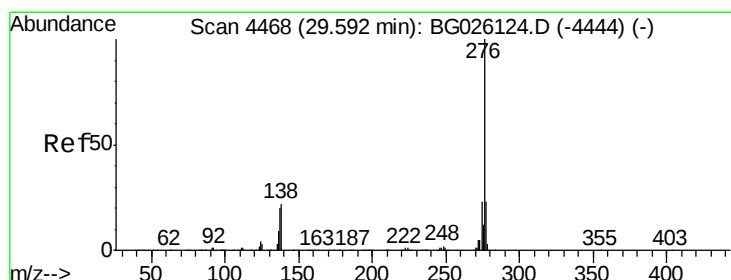
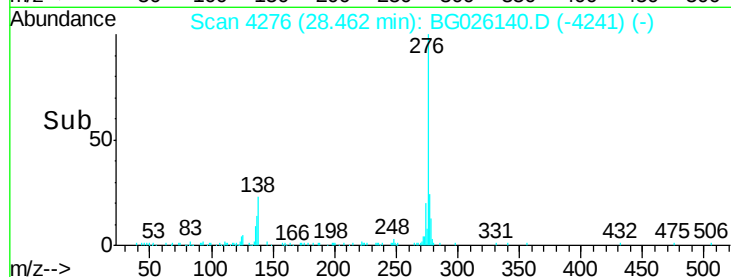
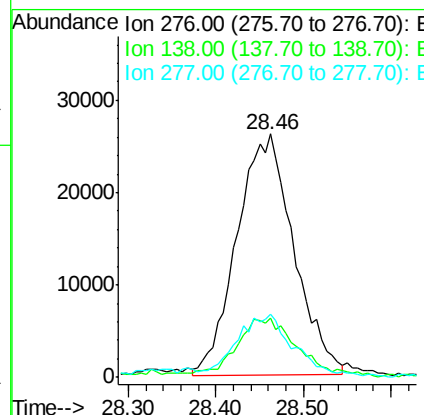
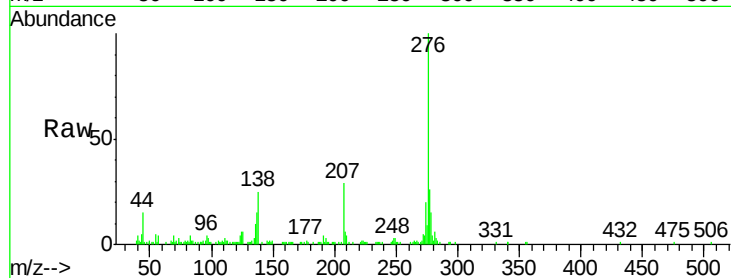
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 2.55 ng/ul
 RT: 28.46 min Scan# 4276
 Delta R.T. 0.01 min
 Lab File: BG026140.D
 Acq: 9 Mar 2017 8:46

Instrument :
 BNA_G
 ClientSampleId :
 C0AK7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	17.8	26.6
277	25.7	19.4	29.0

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#30
 Benzo(g,h,i)perylene
 Concen: 2.57 ng/ul m
 RT: 29.60 min Scan# 4469
 Delta R.T. 0.00 min
 Lab File: BG026140.D
 Acq: 9 Mar 2017 8:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.0	28.4
277	24.7	19.7	29.5

