

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 Data File : BG025884.D
 Acq On : 20 Feb 2017 22:04
 Operator : SJ/MA
 Sample : I1898-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABB0

Manual Integrations
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Quant Time: Feb 21 02:38:22 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 02:22:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	98902	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	480745	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	306465	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	722426	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	705703	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	679899	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	504901	19.89	ng/ul	0.00
10) Fluorene-d10	15.67	176	394707	20.25	ng/ul	0.00
14) Anthracene-d10	17.51	188	603271	18.47	ng/ul	0.00
18) Pyrene-d10	19.79	212	629718	18.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	561862	18.67	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.46	178	82880	2.15	ng/ul	Qvalue 98
16) Fluoranthene	19.45	202	197083	4.65	ng/ul	99
19) Pyrene	19.81	202	157693	3.69	ng/ul#	95
20) Benzo(a)anthracene	21.65	228	105489	2.66	ng/ul	94
21) Chrysene	21.71	228	100258m	2.64	ng/ul	
23) Benzo(b)fluoranthene	23.85	252	151703	3.86	ng/ul#	97
24) Benzo(k)fluoranthene	23.91	252	61521m	1.62	ng/ul	
26) Benzo(a)pyrene	24.72	252	93326	2.45	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	28.50	276	82243m	1.85	ng/ul	
29) Benzo(g,h,i)perylene	29.64	276	70449	1.92	ng/ul#	89

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

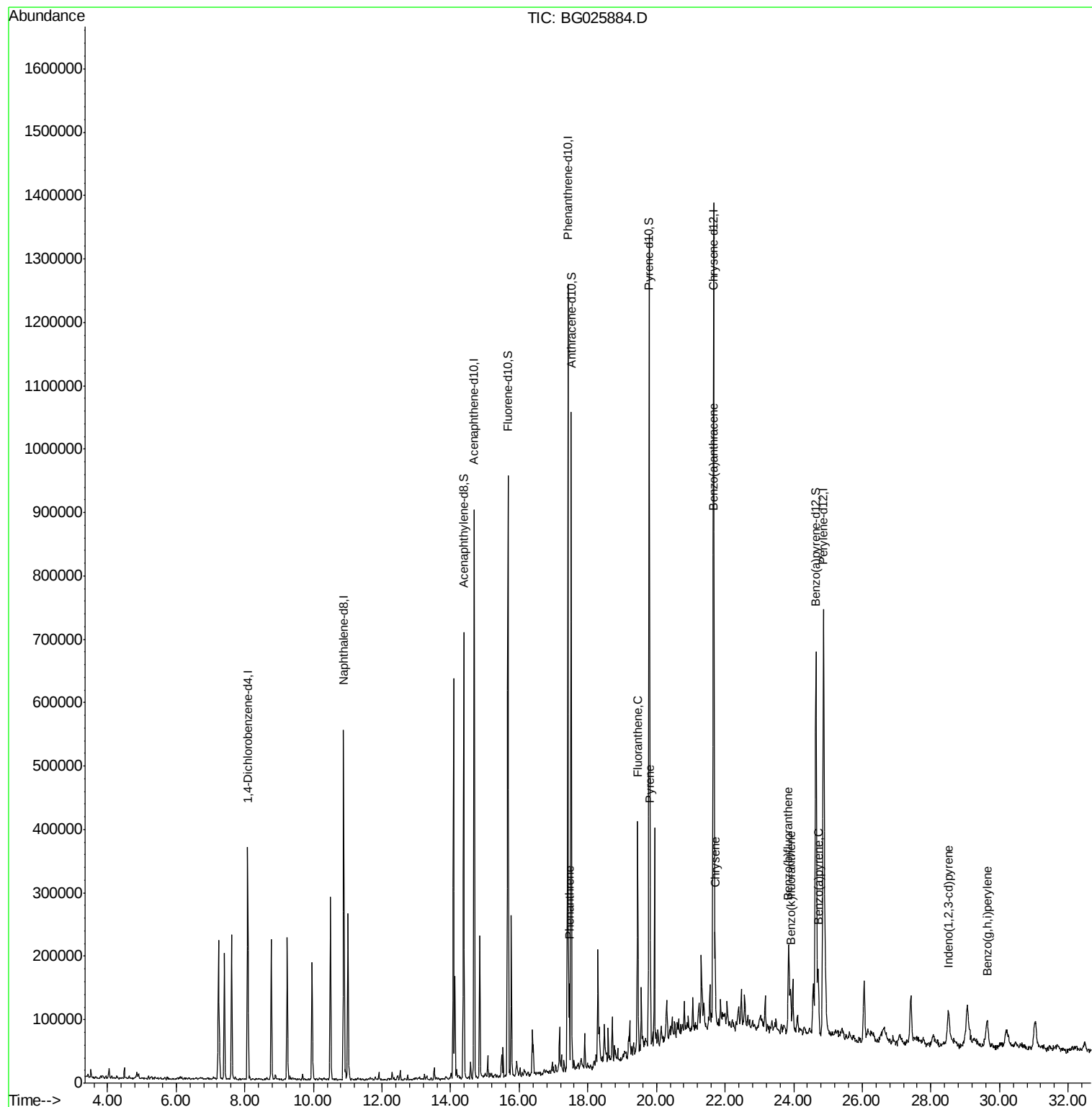
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
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ALS Vial : 18 Sample Multiplier: 1

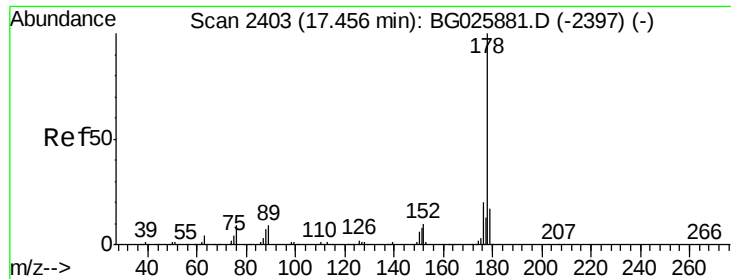
Instrument :
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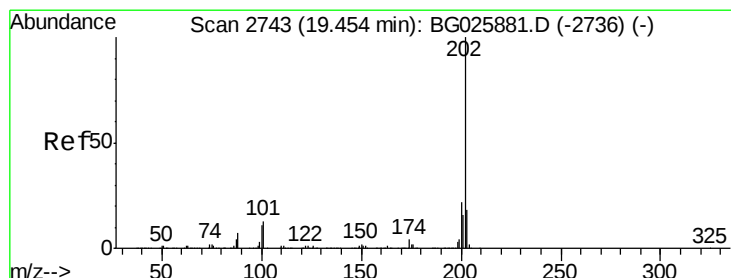
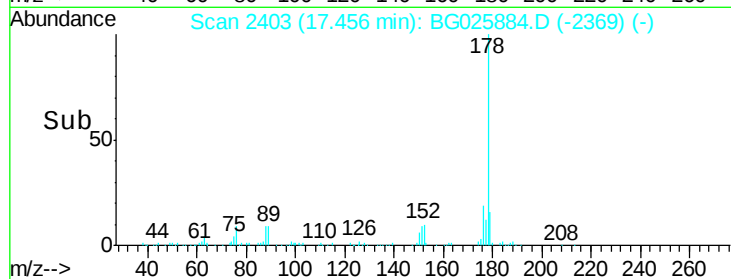
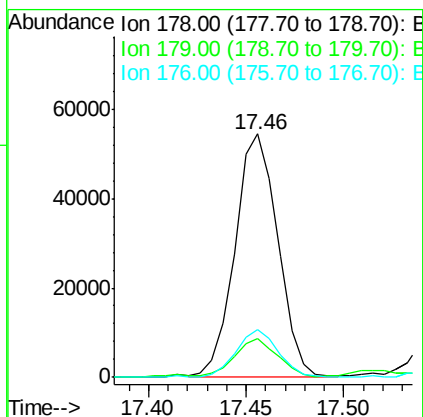
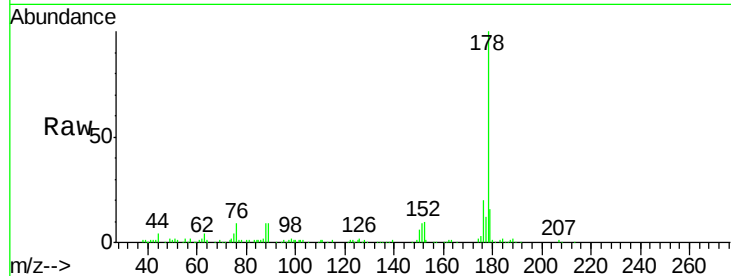
#13
Phenanthrene
Concen: 2.15 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.8	15.1	22.7

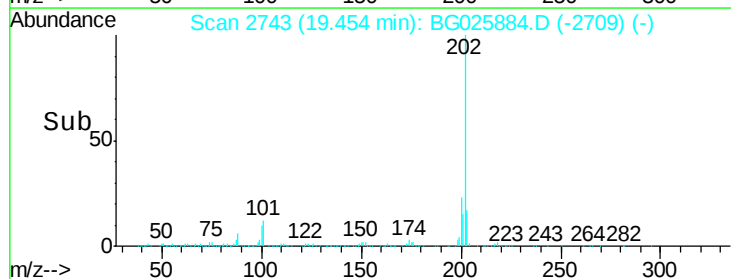
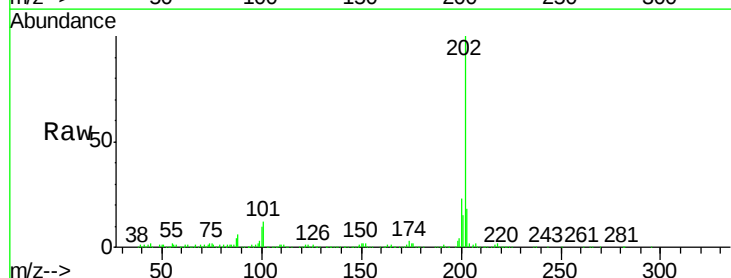
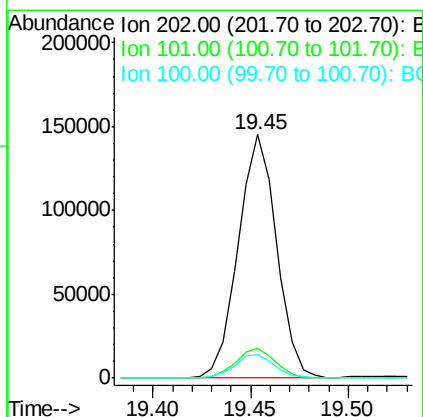
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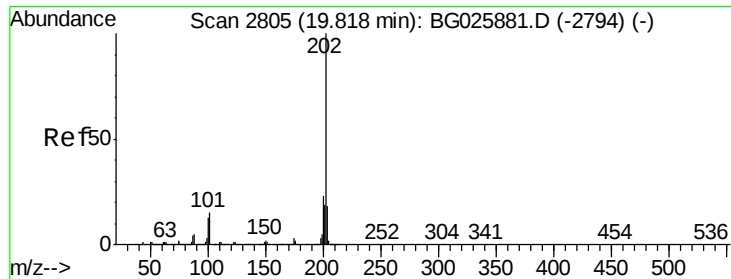
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#16
Fluoranthene
Concen: 4.65 ng/ul
RT: 19.45 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.9	14.9
100	9.9	7.4	11.0





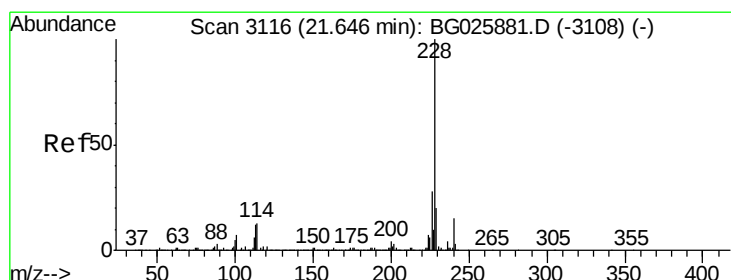
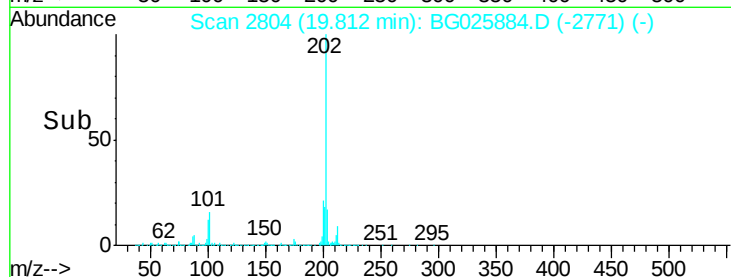
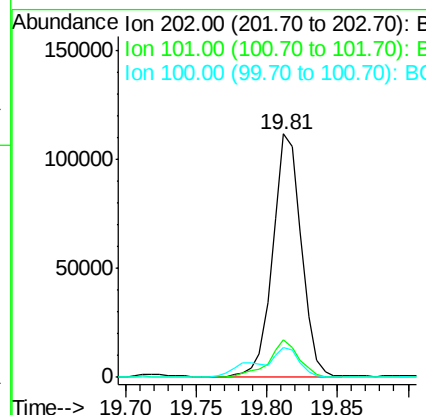
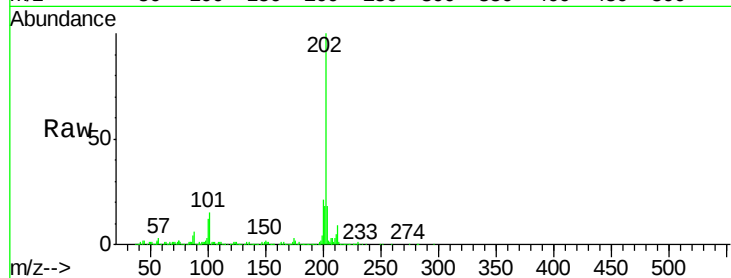
#19
Pyrene
Concen: 3.69 ng/ul
RT: 19.81 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.4	11.0	16.4
100	12.3	8.1	12.1

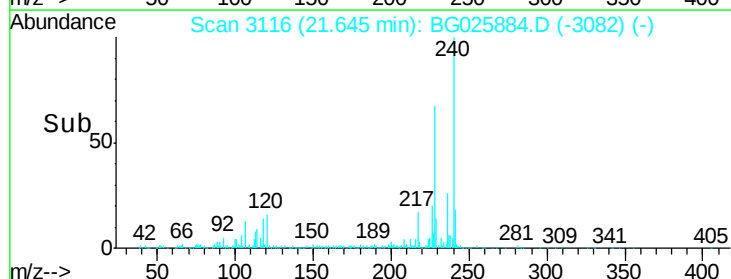
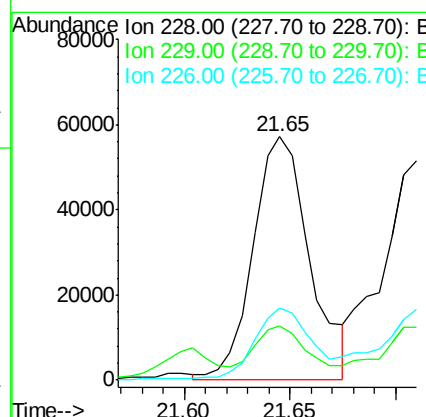
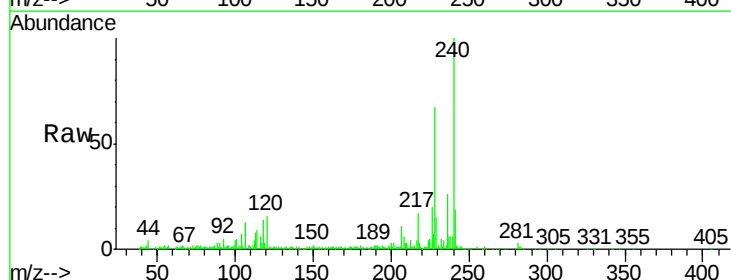
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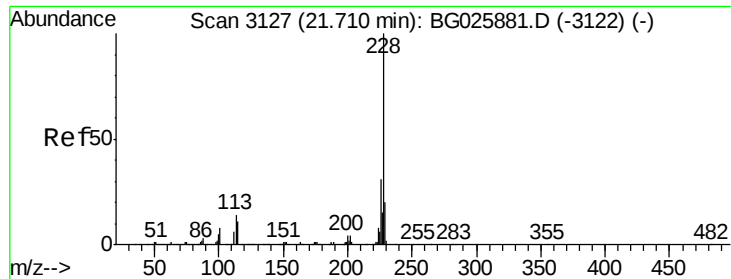
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#20
Benzo(a)anthracene
Concen: 2.66 ng/ul
RT: 21.65 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.5	15.7	23.5
226	29.7	21.1	31.7





#21

Chrysene

Concen: 2.64 ng/ul m

RT: 21.71 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG025884.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA_G

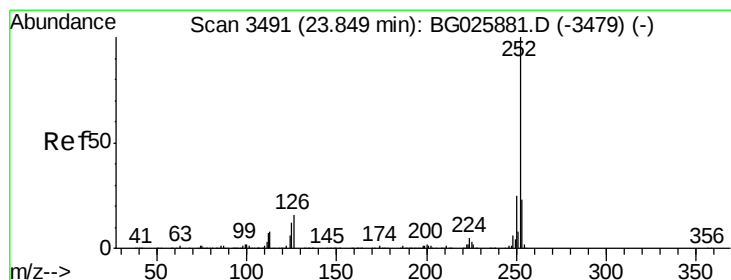
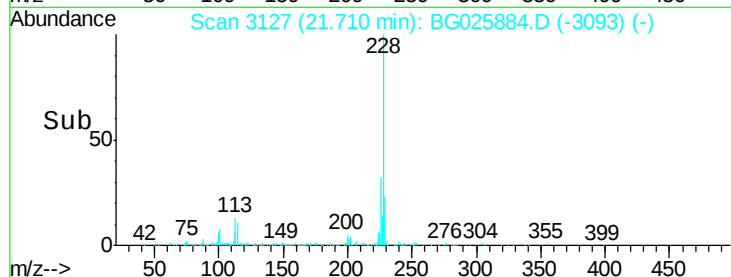
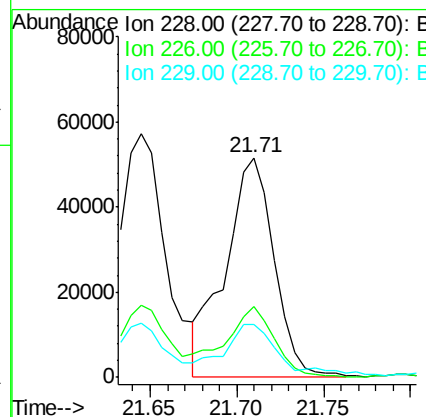
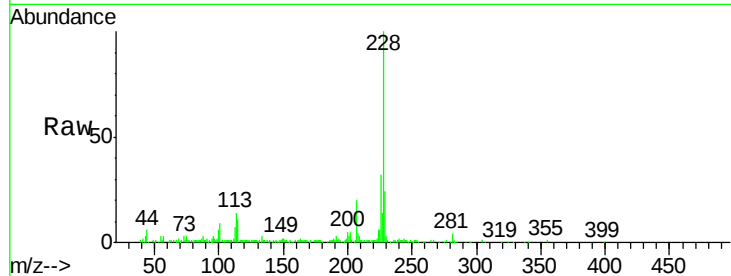
ClientSampleId :

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Tgt Ion:	228	Resp:	100258
Ion Ratio		Lower	Upper
228	100		
226	32.4	24.5	36.7
229	24.0	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 3.86 ng/ul

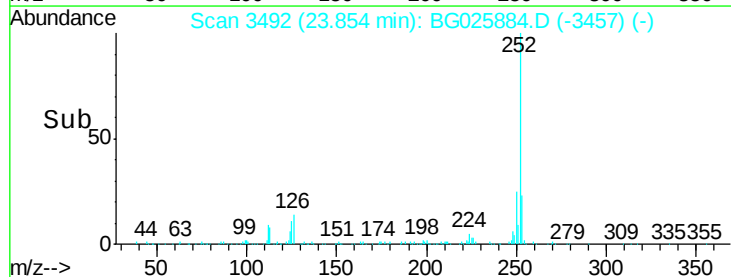
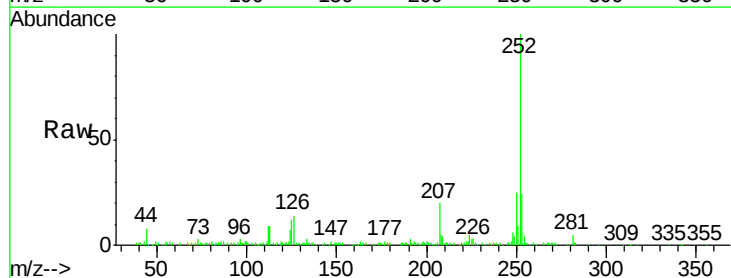
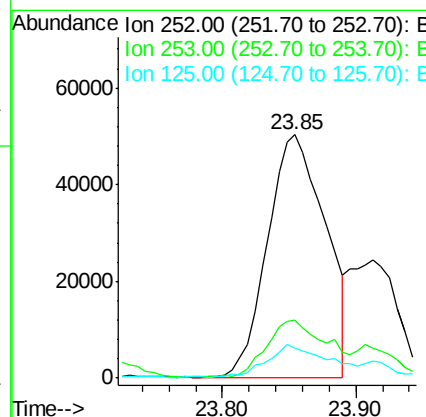
RT: 23.85 min Scan# 3492

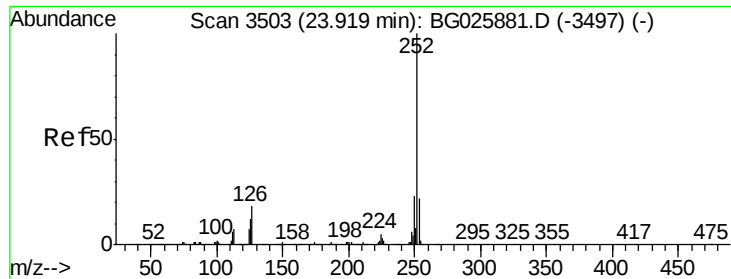
Delta R.T. 0.01 min

Lab File: BG025884.D

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Tgt Ion:	252	Resp:	151703
Ion Ratio		Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.1	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.62 ng/ul m

RT: 23.91 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BG025884.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA_G

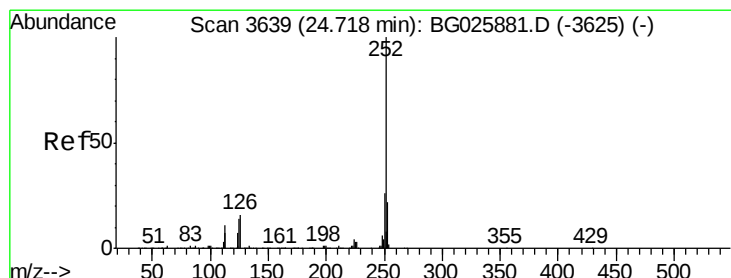
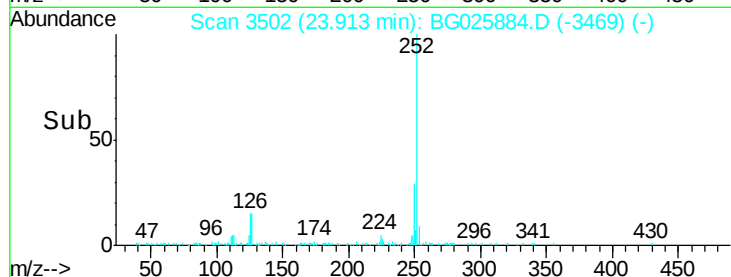
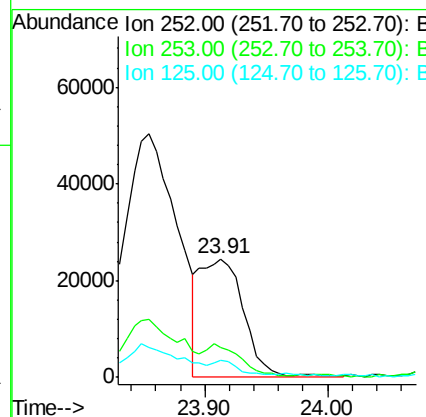
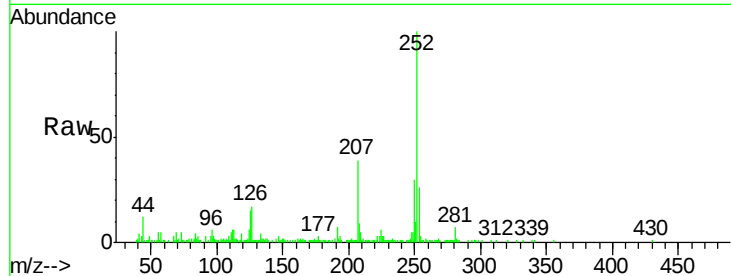
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	61521		
253	25.5	18.0	27.0	
125	14.8	8.1	12.1	

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#26

Benzo(a)pyrene

Concen: 2.45 ng/ul

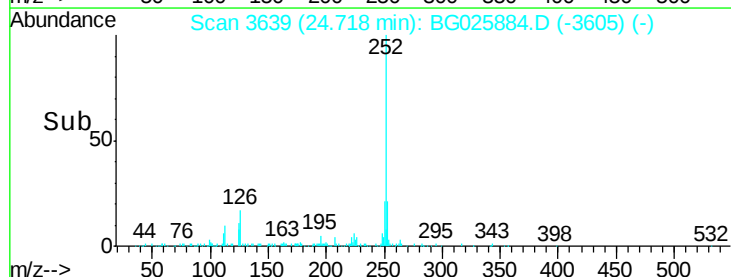
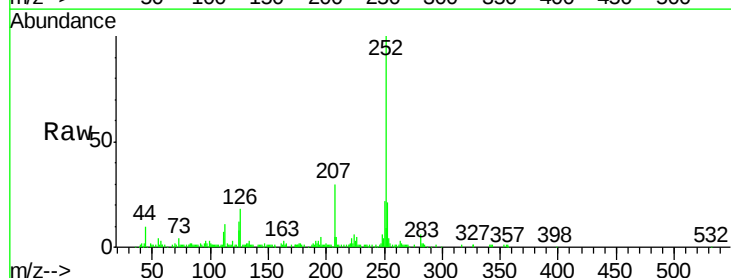
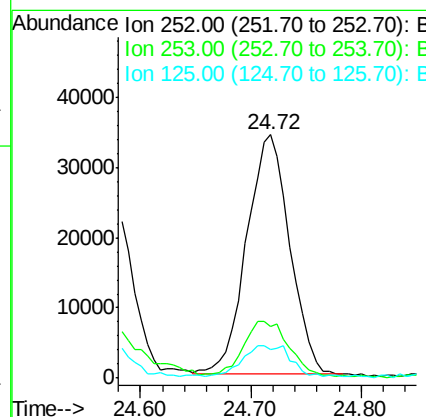
RT: 24.72 min Scan# 3639

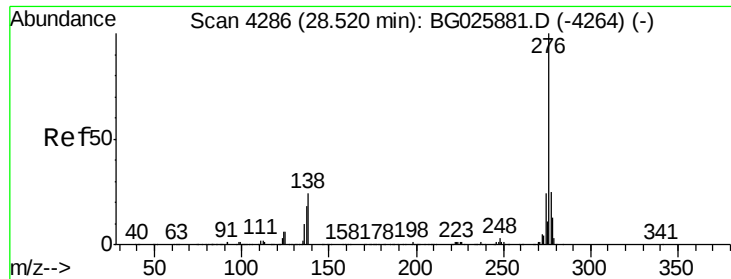
Delta R.T. -0.00 min

Lab File: BG025884.D

Acq: 20 Feb 2017 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	93326		
253	21.1	17.2	25.8	
125	11.5	8.2	12.4	





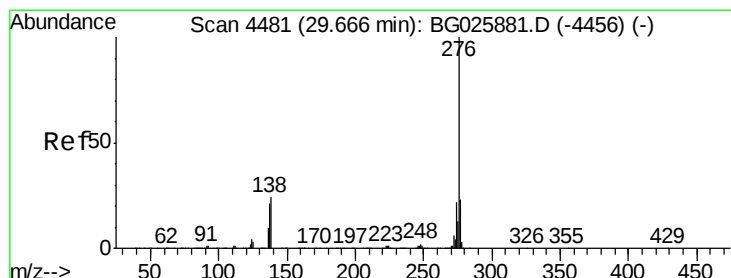
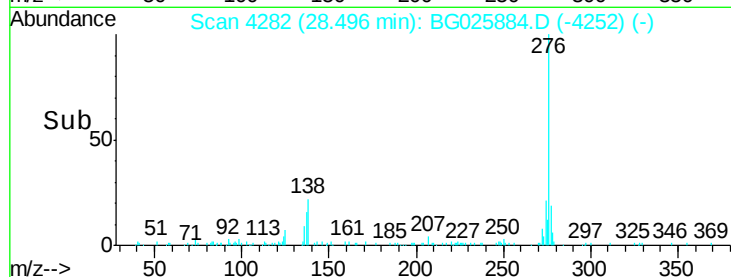
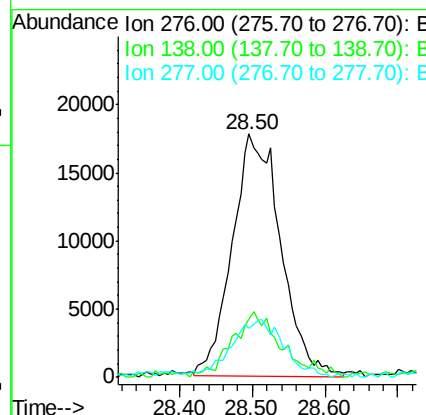
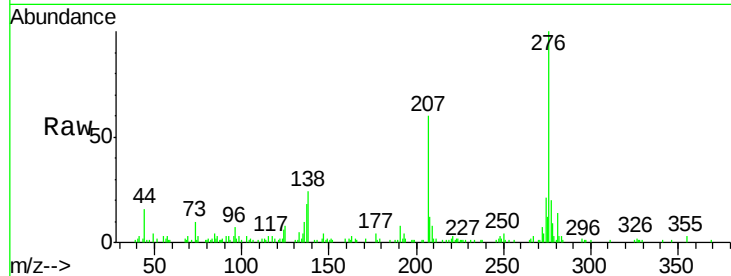
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.85 ng/ul m
 RT: 28.50 min Scan# 4282
 Delta R.T. -0.02 min
 Lab File: BG025884.D
 Acq: 20 Feb 2017 22:04

Instrument :
 BNA_G
 ClientSampleId :
 DABB0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	14.4	21.6#
277	20.1	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 1.92 ng/ul
 RT: 29.64 min Scan# 4477
 Delta R.T. -0.02 min
 Lab File: BG025884.D
 Acq: 20 Feb 2017 22:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	15.3	22.9#
277	24.1	19.0	28.4

