

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
 Data File : BG025925.D
 Acq On : 22 Feb 2017 4:31
 Operator : SJ/MA
 Sample : I1900-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABD0

Manual Integrations
 APPROVED

mohammad
 2/22/2017 11:14:14 AM

Quant Time: Feb 22 05:44:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 04:47:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	137489	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	669397	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	382346	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	781026	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	774565	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	744313	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.38	160	705450	22.28	ng/ul	0.00
10) Fluorene-d10	15.68	176	510518	21.00	ng/ul	0.00
14) Anthracene-d10	17.52	188	698807	19.79	ng/ul	0.00
18) Pyrene-d10	19.79	212	716670	19.20	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	650452	19.75	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.46	178	127416	3.06	ng/ul	97
16) Fluoranthene	19.46	202	265880	5.81	ng/ul	98
19) Pyrene	19.82	202	221116	4.72	ng/ul	98
20) Benzo(a)anthracene	21.66	228	131358	3.01	ng/ul	98
21) Chrysene	21.72	228	141634	3.40	ng/ul	97
23) Benzo(b)fluoranthene	23.87	252	214892	5.00	ng/ul#	93
24) Benzo(k)fluoranthene	23.92	252	70695m	1.70	ng/ul	
26) Benzo(a)pyrene	24.74	252	129038	3.10	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.54	276	98259	2.02	ng/ul	93
29) Benzo(g,h,i)perylene	29.69	276	92684m	2.30	ng/ul	

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

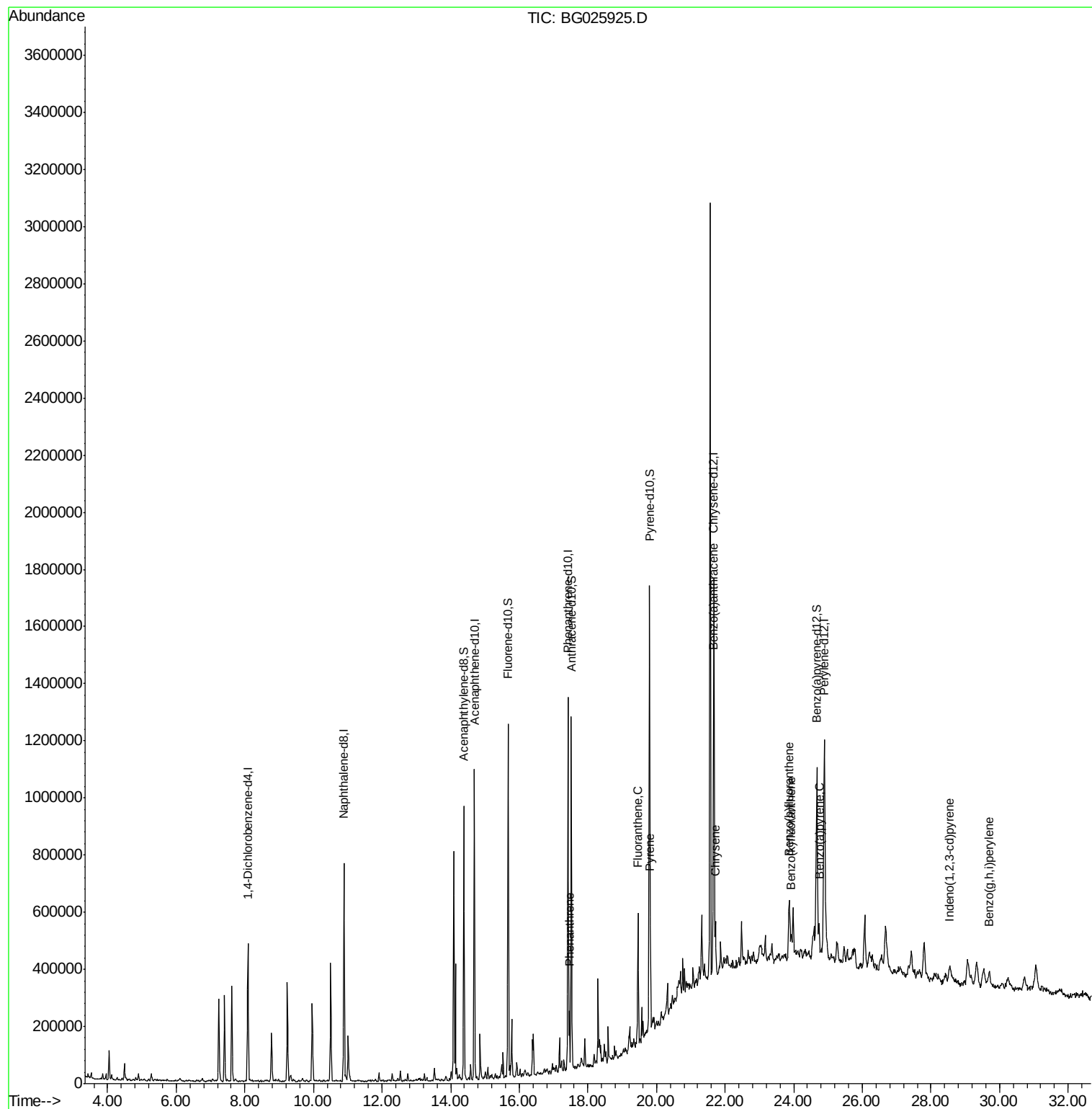
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
Data File : BG025925.D
Acq On : 22 Feb 2017 4:31
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ALS Vial : 28 Sample Multiplier: 1

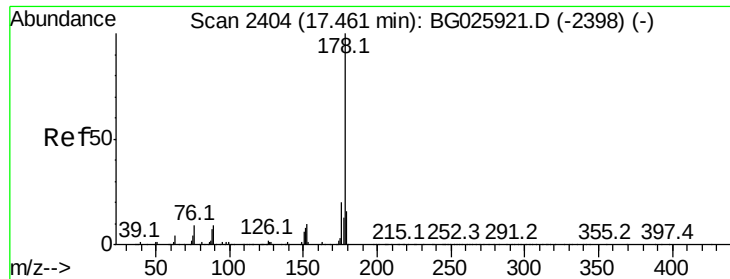
Instrument :
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Quant Time: Feb 22 05:44:03 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
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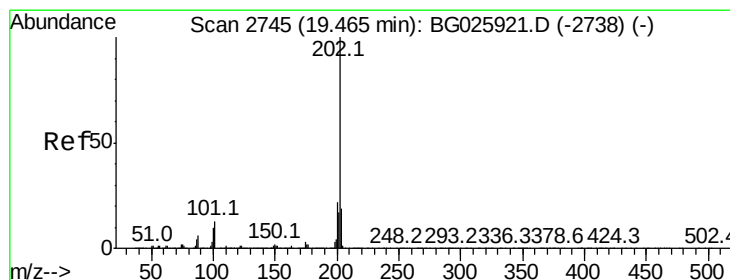
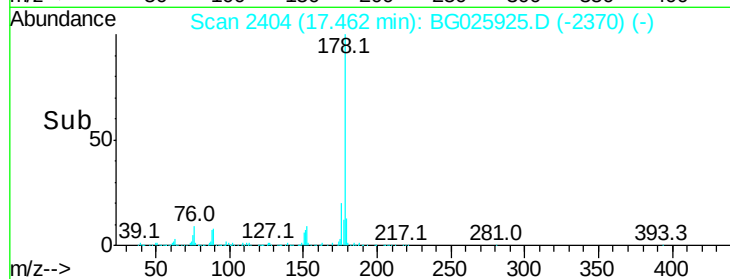
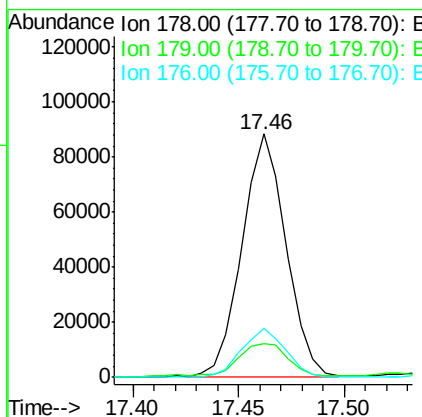
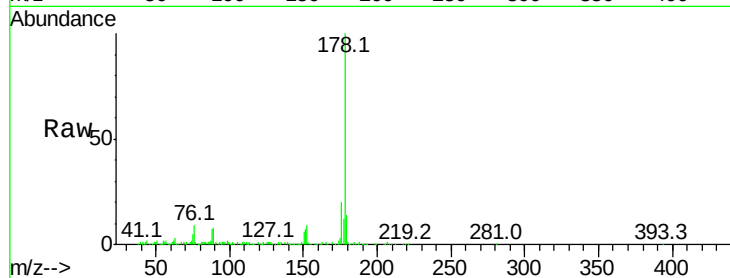
#13
Phenanthrene
Concen: 3.06 ng/ul
RT: 17.46 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG025925.D
Acq: 22 Feb 2017 4:31

Instrument :
BNA_G
ClientSampleId :
DABD0

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.6	12.3	18.5
176	20.1	15.1	22.7

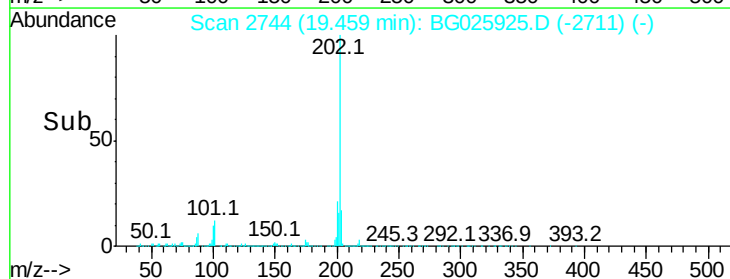
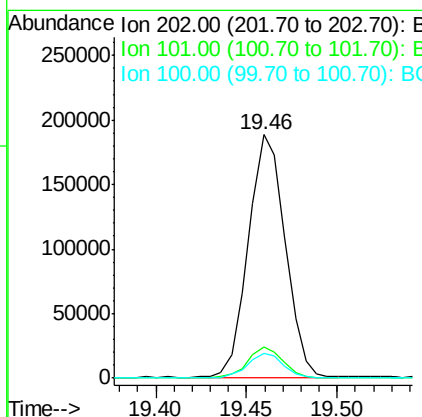
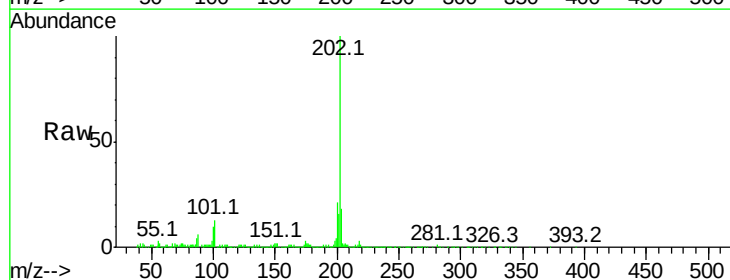
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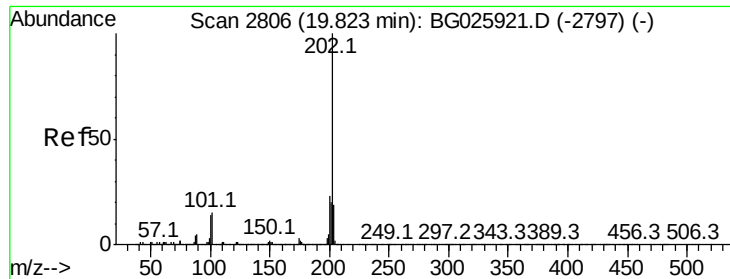
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#16
Fluoranthene
Concen: 5.81 ng/ul
RT: 19.46 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BG025925.D
Acq: 22 Feb 2017 4:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.9	14.9
100	10.2	7.4	11.0





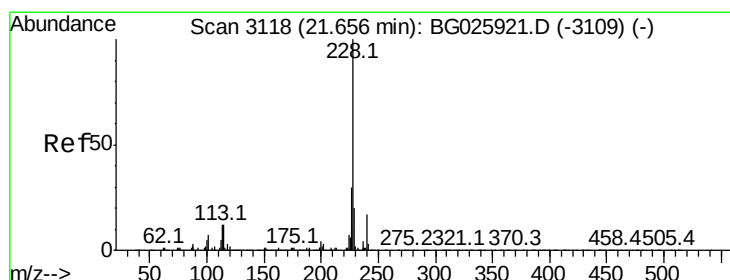
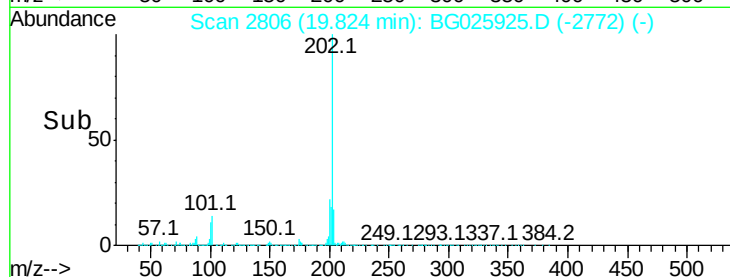
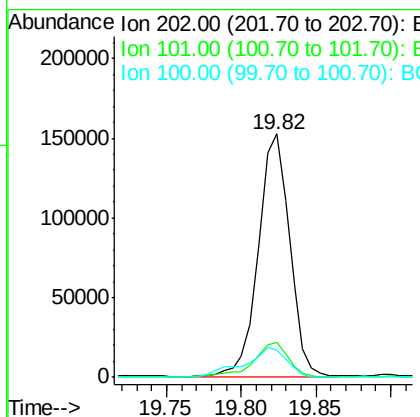
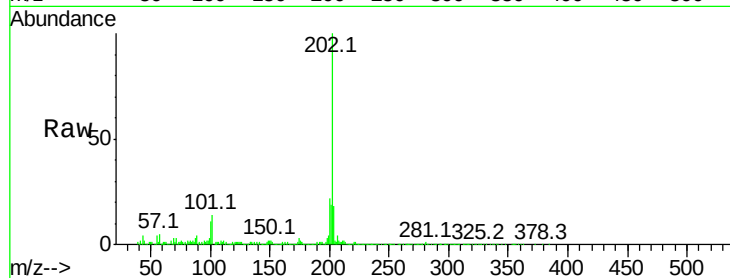
#19
Pvrene
Concen: 4.72 ng/ul
RT: 19.82 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BG025925.D
Acq: 22 Feb 2017 4:31

Instrument :
BNA_G
ClientSampleId :
DABD0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	11.0	16.4
100	11.4	8.1	12.1

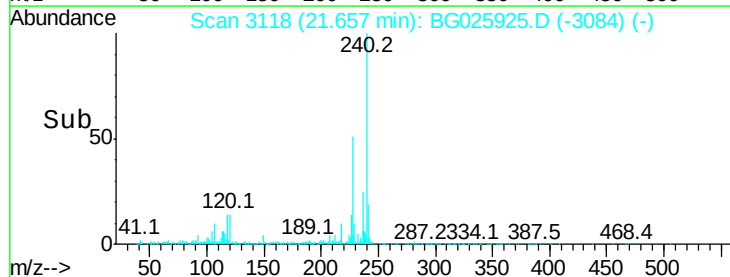
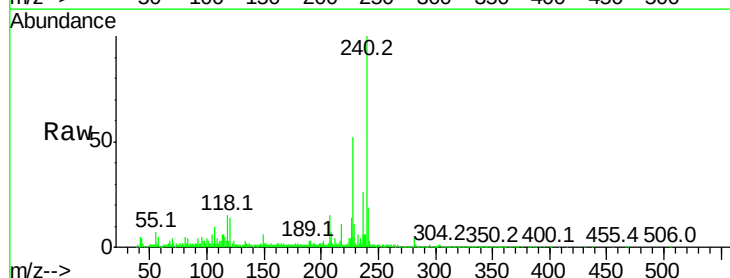
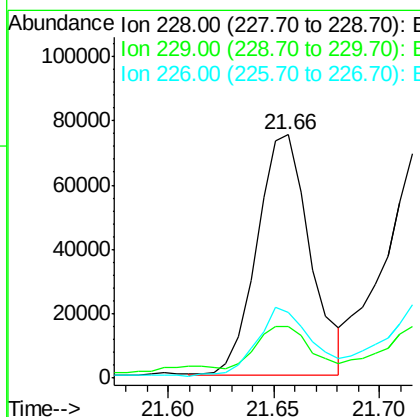
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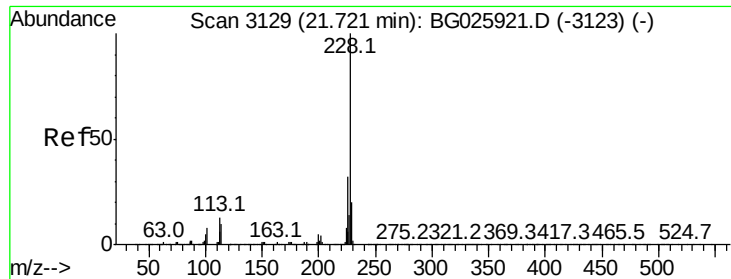
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#20
Benzo(a)anthracene
Concen: 3.01 ng/ul
RT: 21.66 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG025925.D
Acq: 22 Feb 2017 4:31

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	15.7	23.5
226	26.9	21.1	31.7





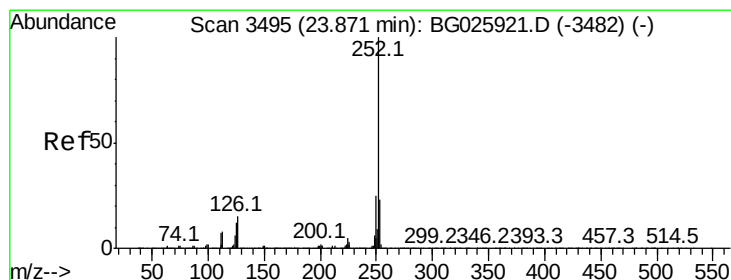
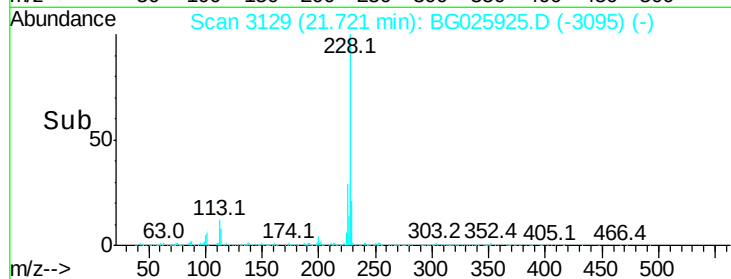
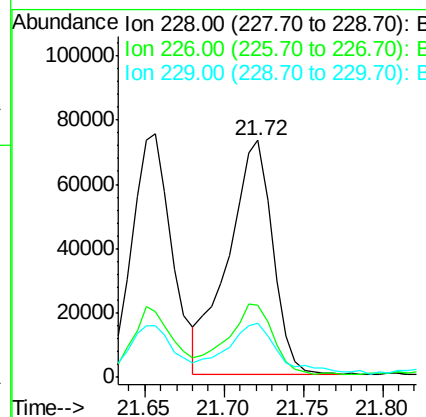
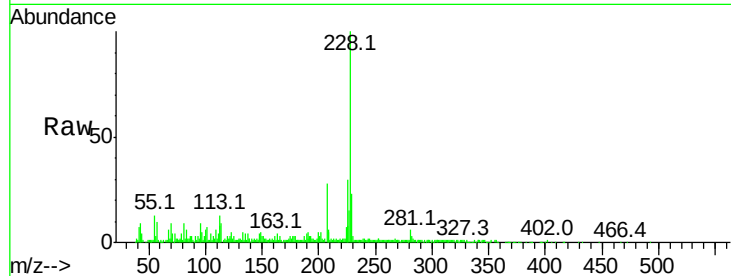
#21
Chrysene
Concen: 3.40 ng/ul
RT: 21.72 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG025925.D
Acq: 22 Feb 2017 4:31

Instrument :
BNA_G
ClientSampled :
DABD0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	22.8	15.8	23.8

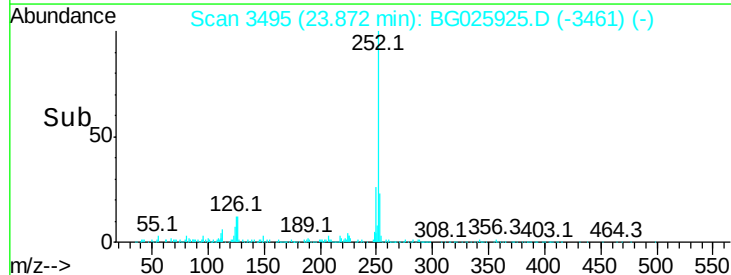
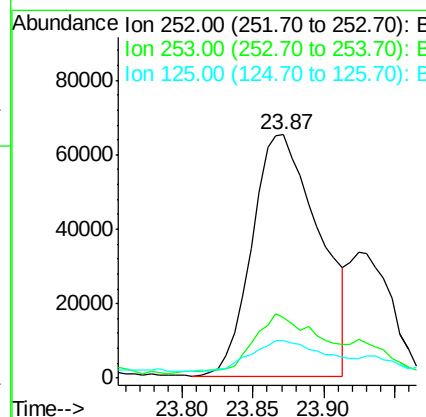
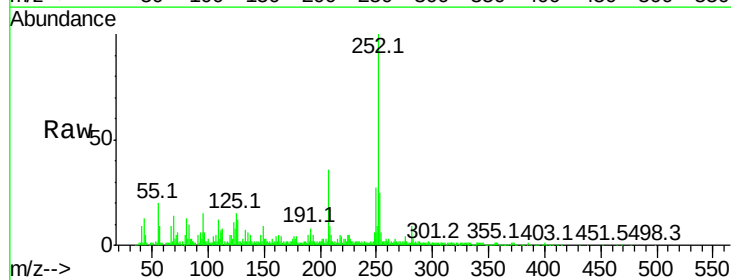
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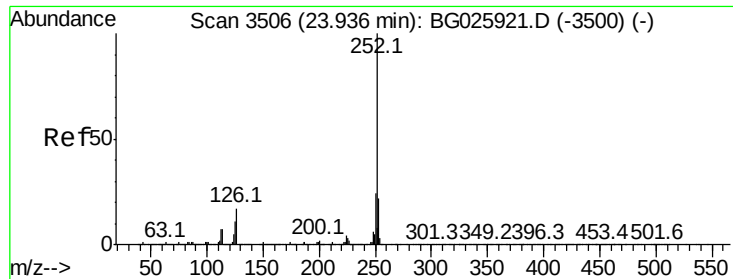
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#23
Benzo(b)fluoranthene
Concen: 5.00 ng/ul
RT: 23.87 min Scan# 3495
Delta R.T. 0.00 min
Lab File: BG025925.D
Acq: 22 Feb 2017 4:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	15.2	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 1.70 ng/ul m

RT: 23.92 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG025925.D

Acq: 22 Feb 2017 4:31

Instrument :

BNA_G

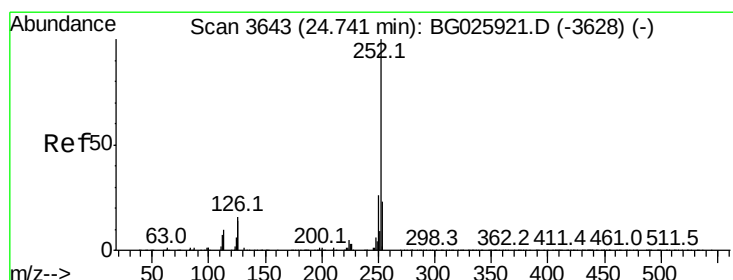
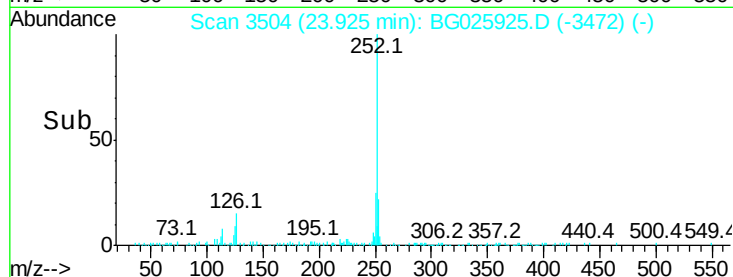
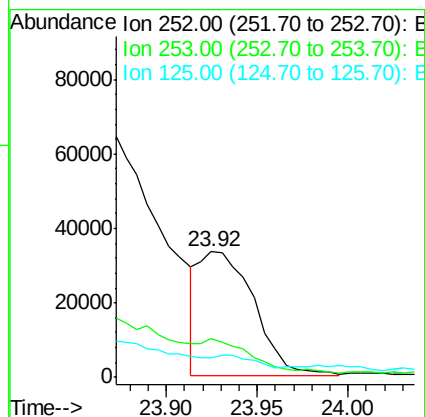
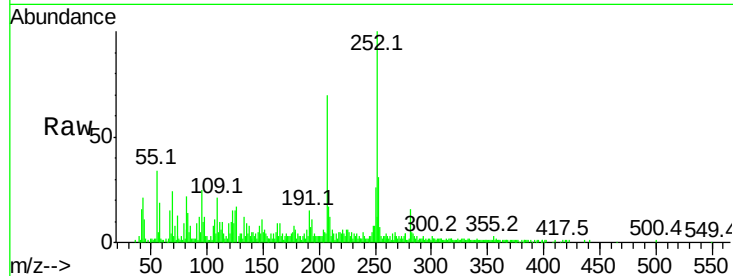
ClientSampled :

DABD0

Tot Ion:	252	Resp:	70695
Ion Ratio	Lower	Upper	
252	100		
253	30.7	18.0	27.0#
125	15.2	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 3.10 ng/ul

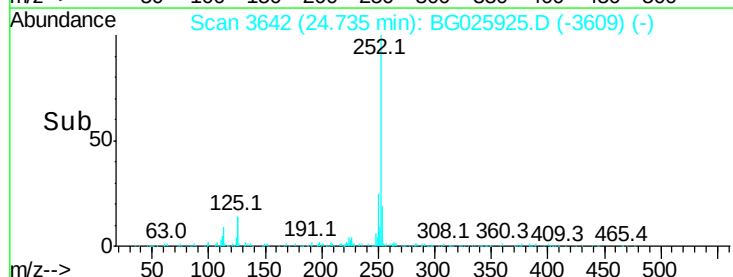
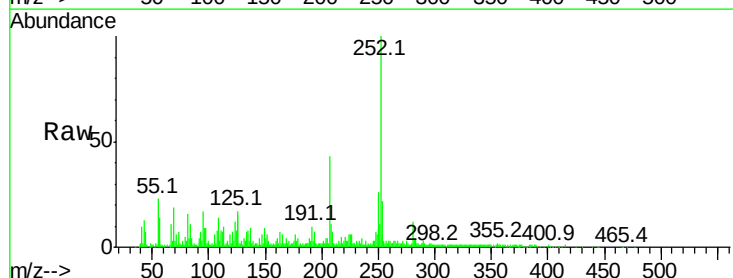
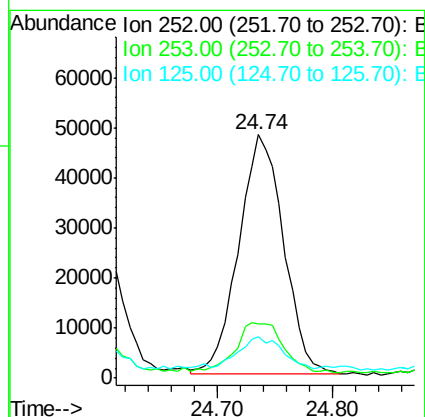
RT: 24.74 min Scan# 3642

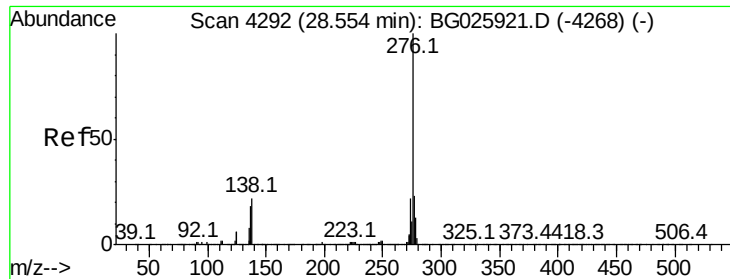
Delta R.T. -0.01 min

Lab File: BG025925.D

Acq: 22 Feb 2017 4:31

Tgt Ion:	252	Resp:	129038
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	17.1	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.02 ng/ul

RT: 28.54 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG025925.D

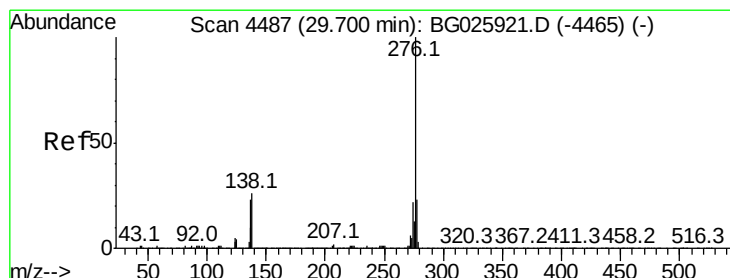
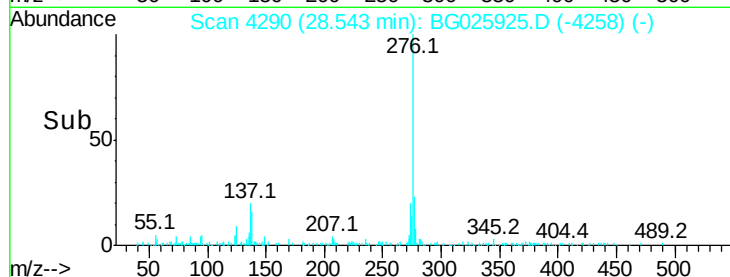
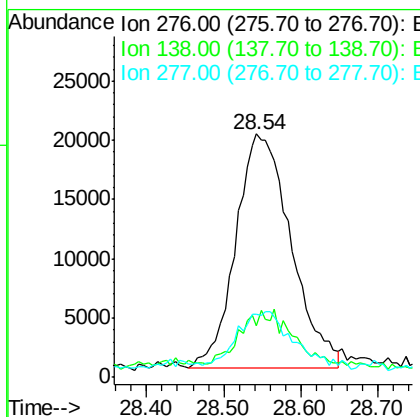
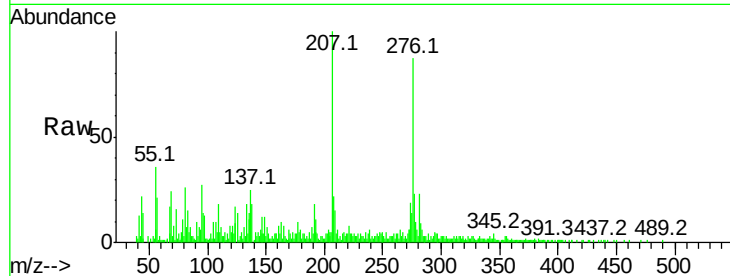
Acq: 22 Feb 2017 4:31

Instrument :
BNA_G
ClientSampled :
DABD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	14.4	21.6
277	26.2	18.0	27.0

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#29

Benzo(g,h,i)perylene

Concen: 2.30 ng/ul m

RT: 29.69 min Scan# 4486

Delta R.T. -0.01 min

Lab File: BG025925.D

Acq: 22 Feb 2017 4:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	15.3	22.9#
277	22.0	19.0	28.4

