

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 Data File : BG025893.D
 Acq On : 21 Feb 2017 3:58
 Operator : SJ/MA
 Sample : I1898-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC2

Manual Integrations
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Quant Time: Feb 21 04:53:18 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	168623	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	797281	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	440898	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	894708	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	893428	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	855432	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.38	160	1192757	32.67	ng/ul	0.00
10) Fluorene-d10	15.67	176	837093	29.86	ng/ul	0.00
14) Anthracene-d10	17.51	188	1136382	28.09	ng/ul	0.00
18) Pyrene-d10	19.79	212	1164541	27.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	1076926	28.45	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.46	178	155033	3.25	ng/ul	98
16) Fluoranthene	19.45	202	430518	8.21	ng/ul	97
19) Pyrene	19.82	202	370979	6.86	ng/ul	98
20) Benzo(a)anthracene	21.65	228	216025	4.30	ng/ul	97
21) Chrysene	21.71	228	240727	5.01	ng/ul	96
23) Benzo(b)fluoranthene	23.86	252	427016	8.64	ng/ul#	94
24) Benzo(k)fluoranthene	23.92	252	135882	2.85	ng/ul#	87
26) Benzo(a)pyrene	24.73	252	261356	5.46	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	28.55	276	231225	4.13	ng/ul#	84
28) Dibenzo(a,h)anthracene	28.60	278	60826m	1.31	ng/ul	
29) Benzo(g,h,i)perylene	29.69	276	280279m	6.06	ng/ul	

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

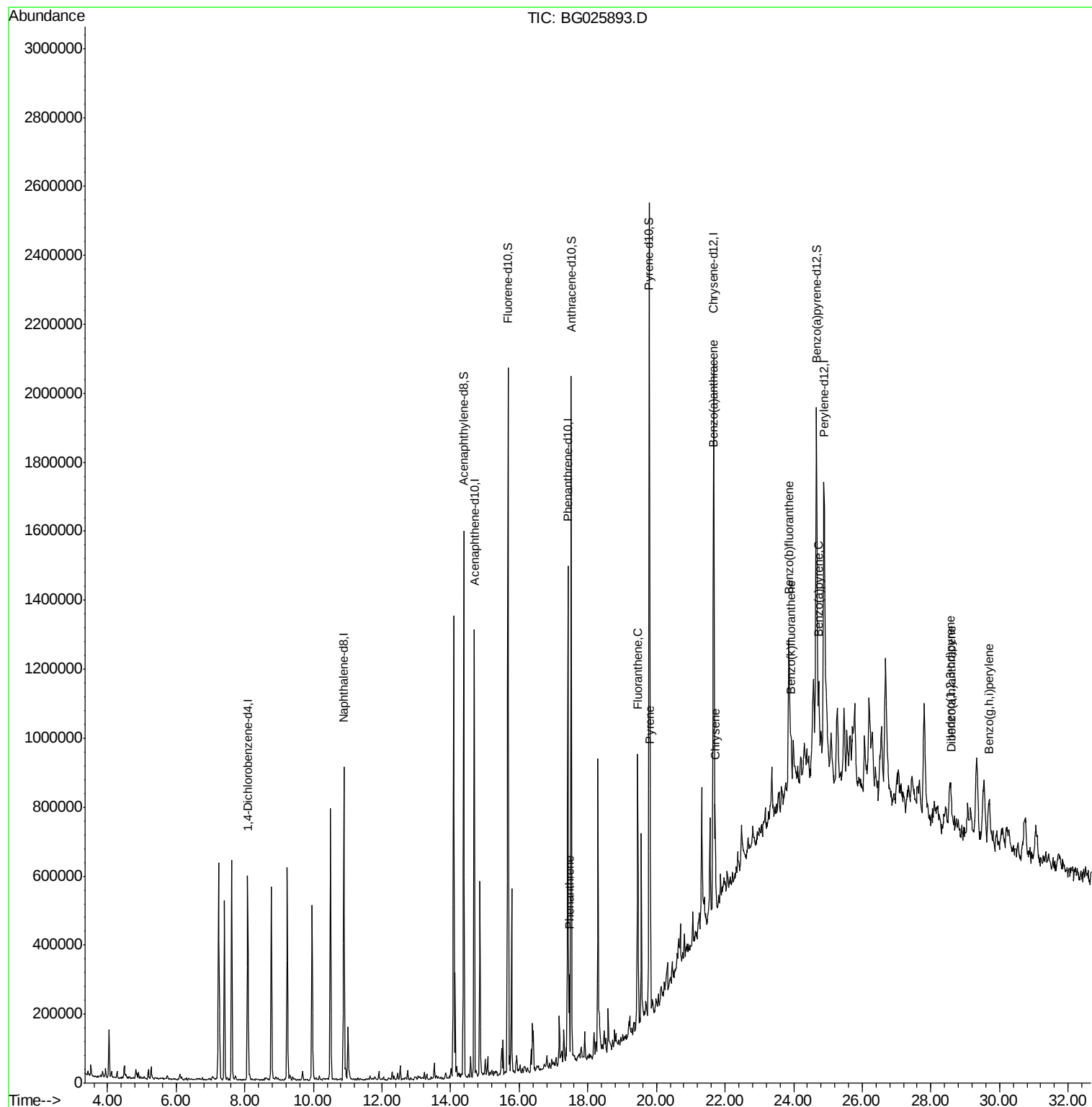
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
Data File : BG025893.D
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ALS Vial : 27 Sample Multiplier: 1

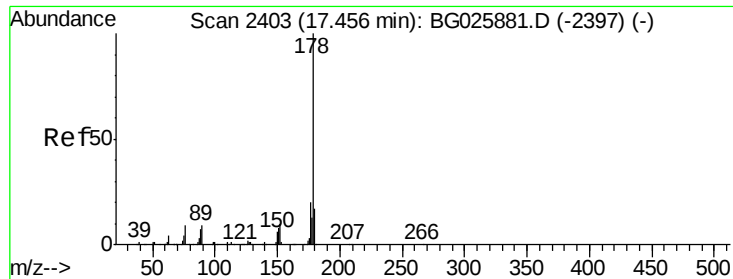
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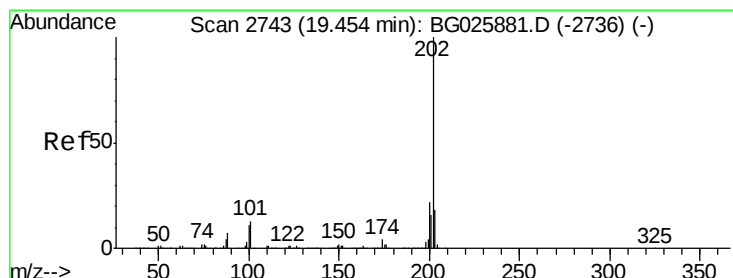
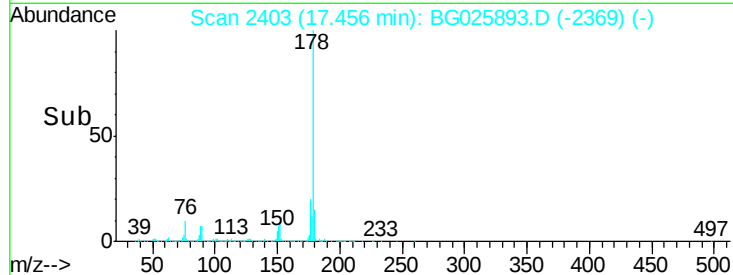
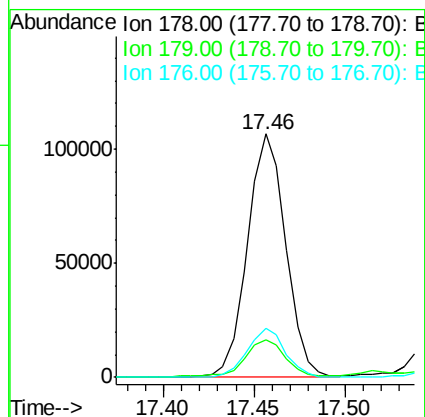
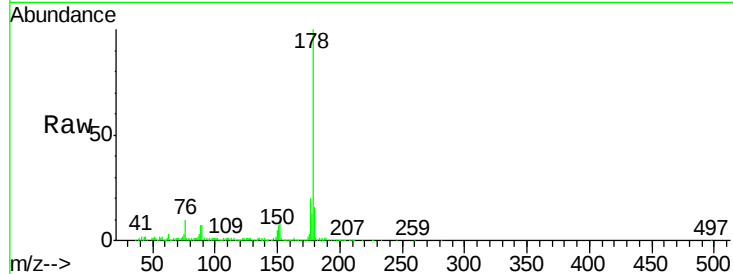
#13
Phenanthrene
Concen: 3.25 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG025893.D
Acq: 21 Feb 2017 3:58

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.9	15.1	22.7

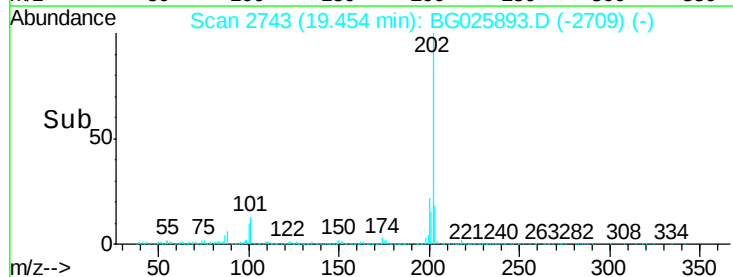
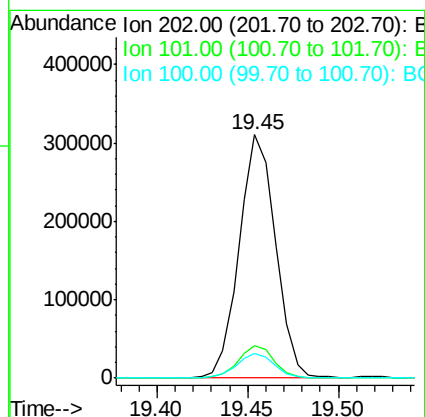
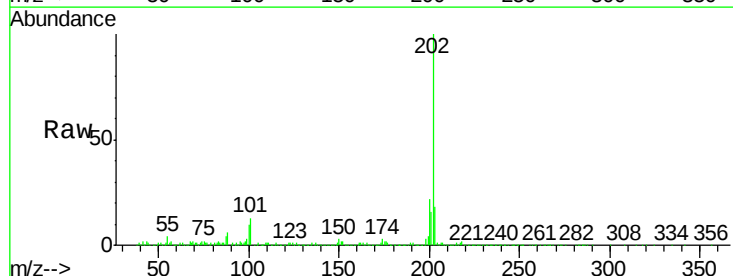
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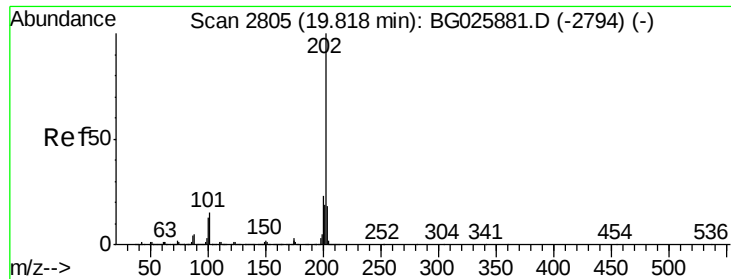
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#16
Fluoranthene
Concen: 8.21 ng/ul
RT: 19.45 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BG025893.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.9	14.9
100	10.3	7.4	11.0





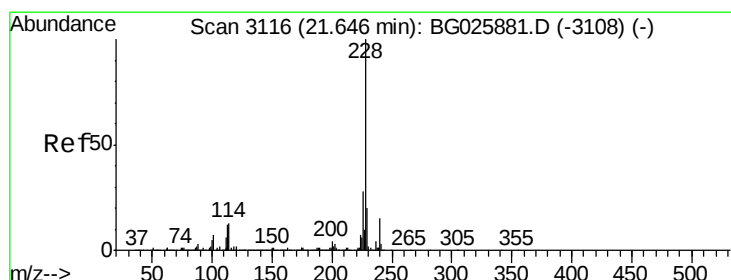
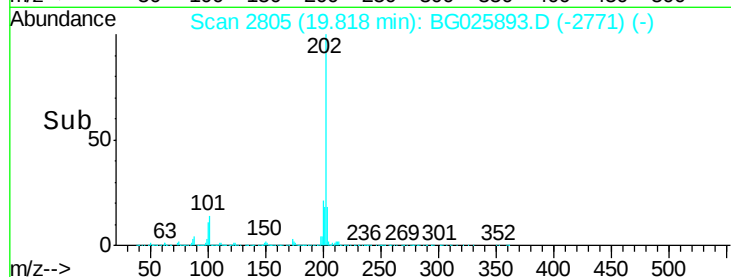
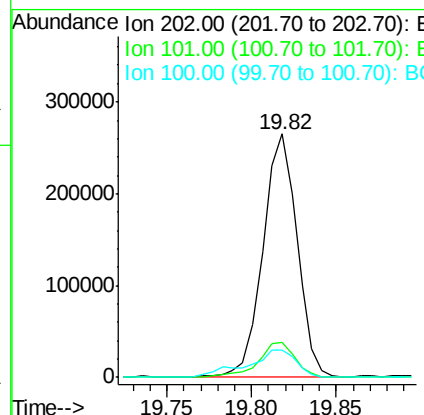
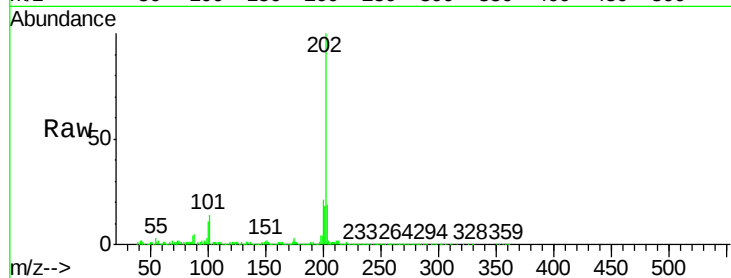
#19
Pyrene
Concen: 6.86 ng/ul
RT: 19.82 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BG025893.D
Acq: 21 Feb 2017 3:58

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	11.0	16.4
100	11.2	8.1	12.1

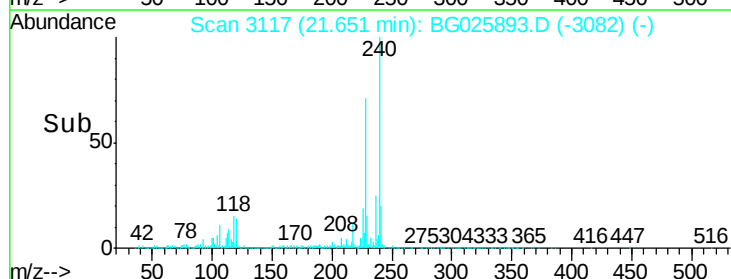
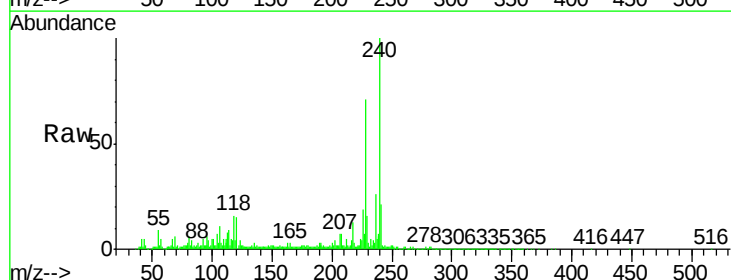
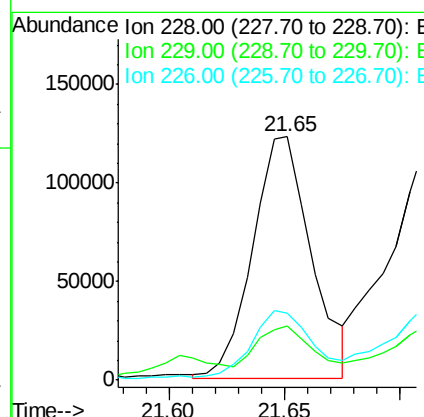
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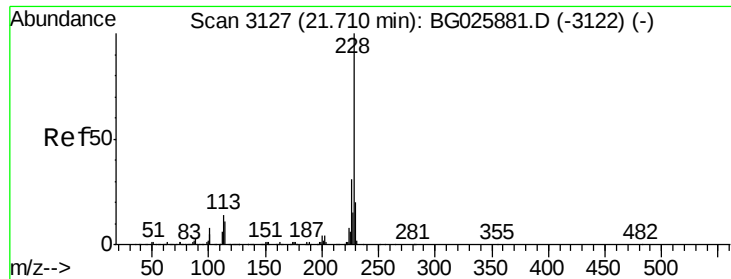
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#20
Benzo(a)anthracene
Concen: 4.30 ng/ul
RT: 21.65 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BG025893.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.3	15.7	23.5
226	27.2	21.1	31.7





#21

Chrysene

Concen: 5.01 ng/uI

RT: 21.71 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

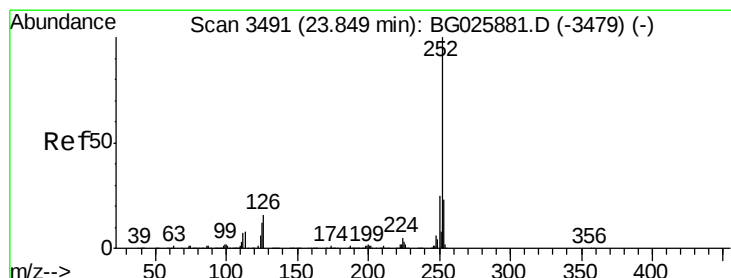
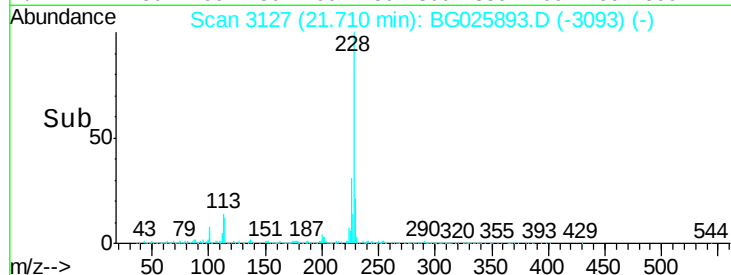
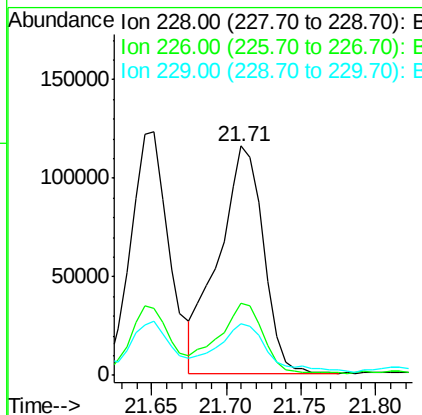
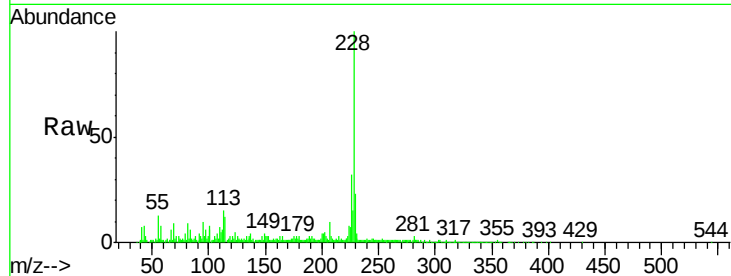
ClientSampleId :

DABC2

Tgt Ion:	228	Resp:	240727
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.5	36.7
229	22.8	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 8.64 ng/uI

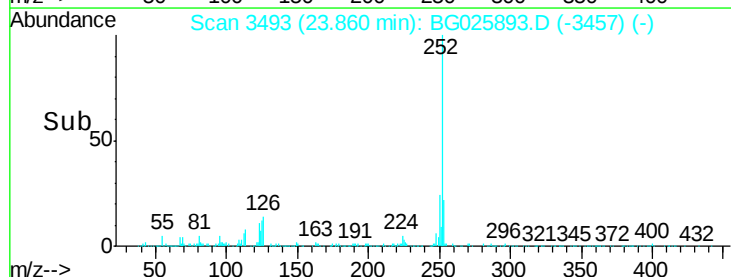
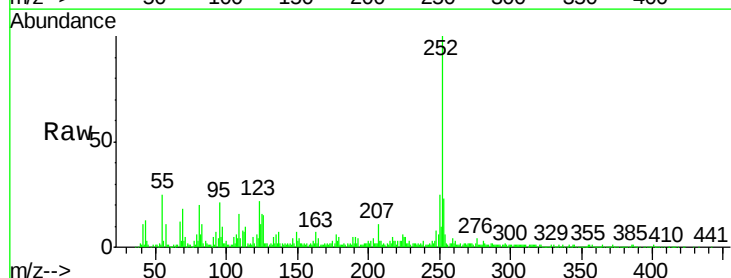
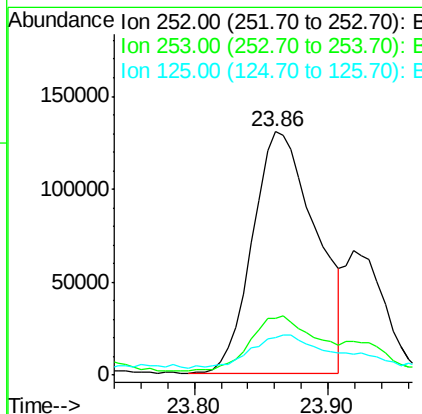
RT: 23.86 min Scan# 3493

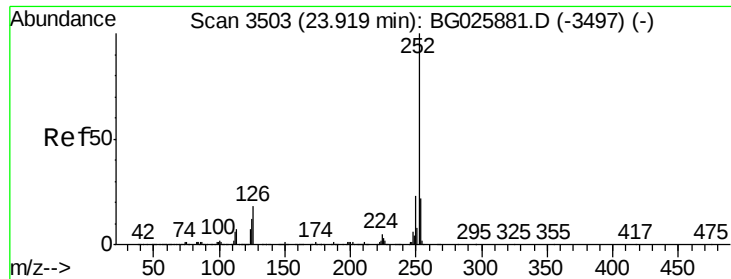
Delta R.T. 0.01 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Tgt Ion:	252	Resp:	427016
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	15.6	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 2.85 ng/ul

RT: 23.92 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

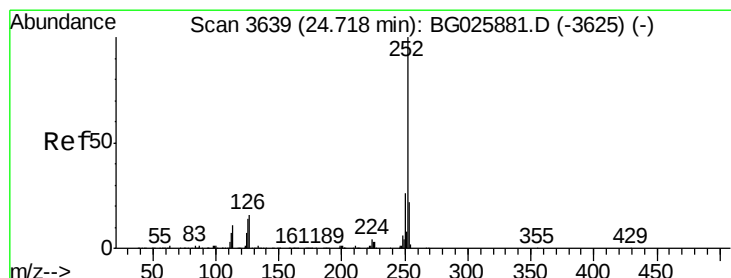
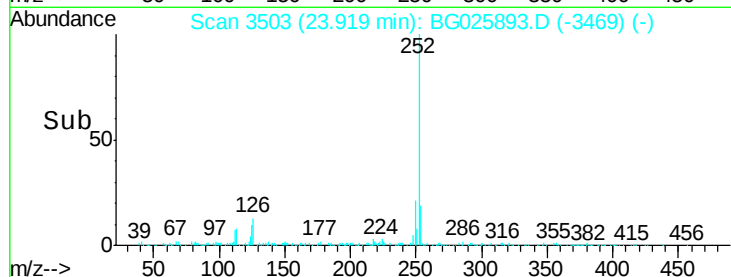
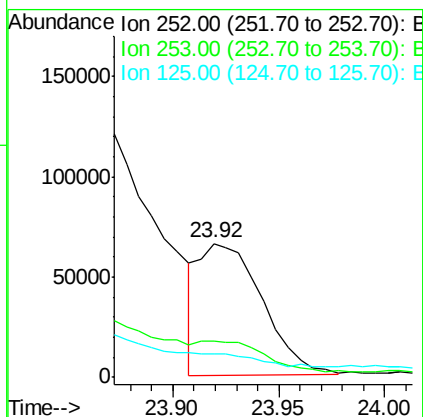
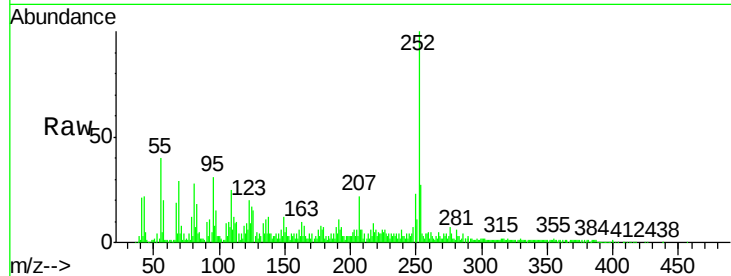
ClientSampleId :

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Tgt Ion:	252	Resp:	135882
Ion Ratio	Lower	Upper	
252	100		
253	27.3	18.0	27.0#
125	17.3	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 5.46 ng/ul

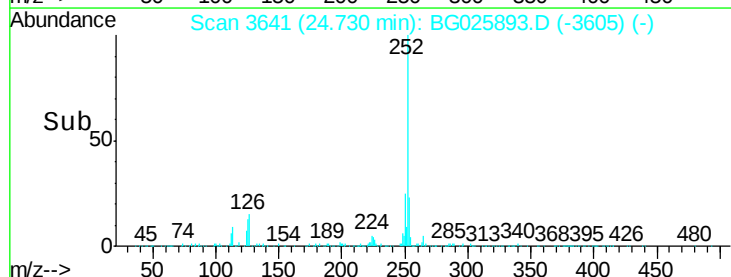
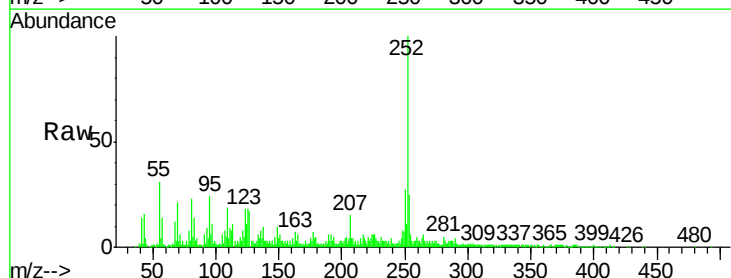
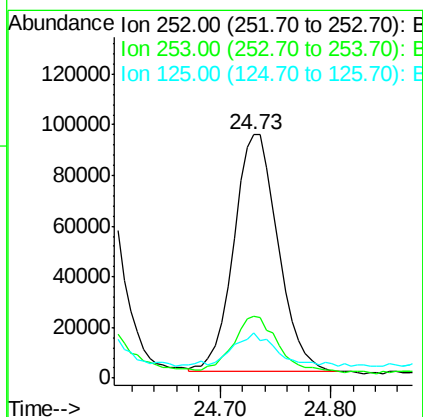
RT: 24.73 min Scan# 3641

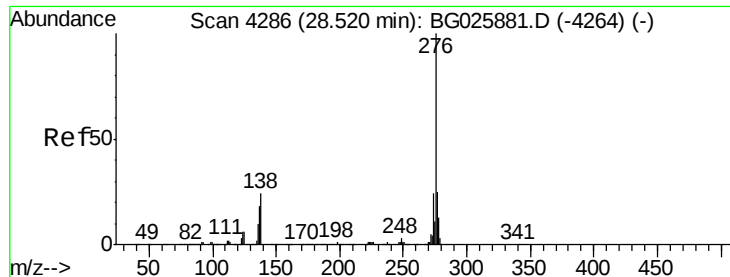
Delta R.T. 0.01 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Tgt Ion:	252	Resp:	261356
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.2	25.8
125	18.4	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.13 ng/ul

RT: 28.55 min Scan# 4292

Delta R.T. 0.04 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

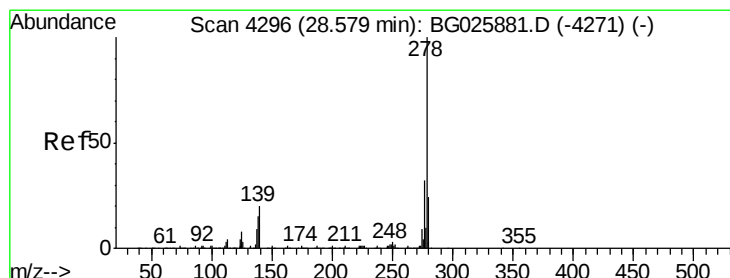
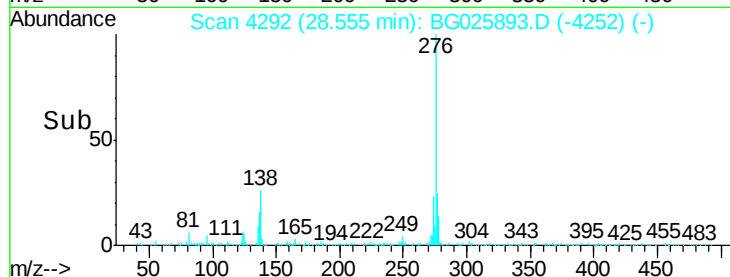
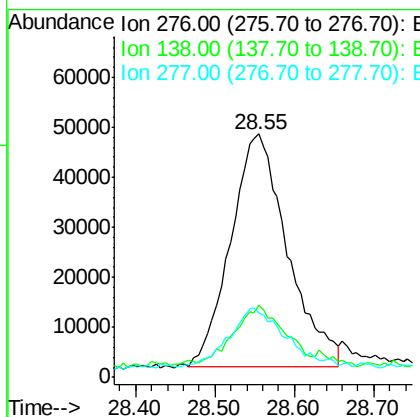
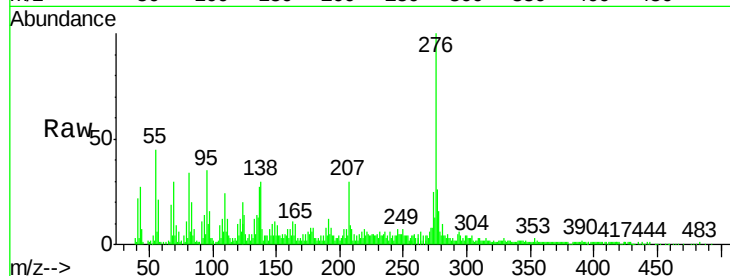
ClientSampleId :

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Tgt Ion:	276	Resp:	231225
Ion Ratio		Lower	Upper
276	100		
138	29.8	14.4	21.6#
277	26.4	18.0	27.0

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#28

Dibenzo(a,h)anthracene

Concen: 1.31 ng/ul m

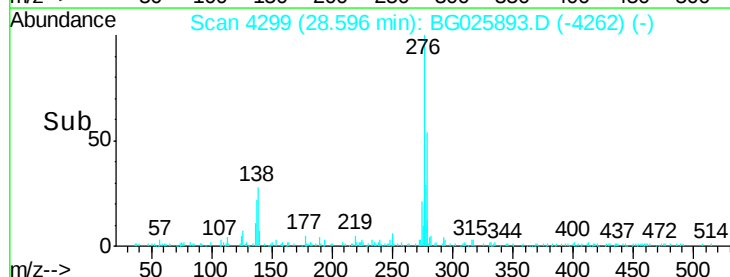
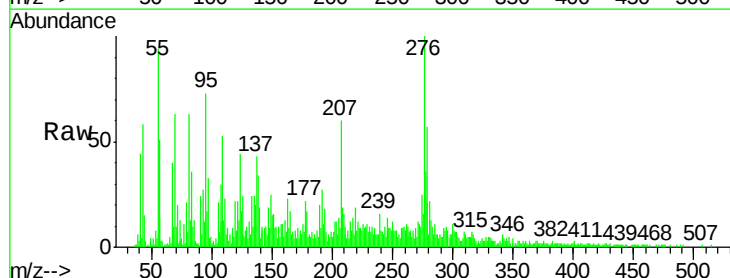
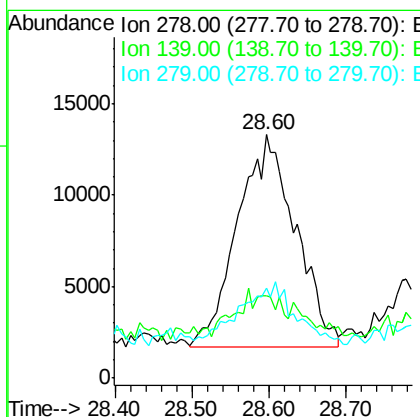
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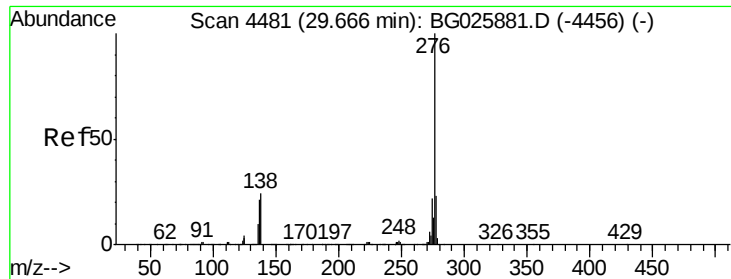
Delta R.T. 0.02 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Tgt Ion:	278	Resp:	60826
Ion Ratio		Lower	Upper
278	100		
139	33.8	12.2	18.4#
279	37.0	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 6.06 ng/ul m

RT: 29.69 min Scan# 4486

Delta R.T. 0.03 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DABC2

Tgt Ion: 276 Resp: 280279

Ion Ratio Lower Upper

276 100

138 28.1 15.3 22.9#

277 27.0 19.0 28.4

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