

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG022001.D
 Acq On : 22 May 2016 6:00
 Operator : UM/SJ
 Sample : H3124-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGJ7

Manual Integrations
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Quant Time: May 23 18:25:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 17:16:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	216607	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	120964	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	250799	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	232443	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	211846	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	3147	3.88	ng/uL	-0.01
5) Phenol-d5	7.31	99	74848	19.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	40135	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	65757	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	60549	18.71	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	34055	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	34855	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	60185	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	80908	24.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	206171	22.69	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	283997	22.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	22427	14.33	ng/ul	0.00
57) Fluorene-d10	15.77	176	187760	22.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	22135	16.88	ng/ul	0.00
70) Anthracene-d10	17.63	188	278357	23.12	ng/ul	0.00
76) Pyrene-d10	19.90	212	300533	22.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	245762	25.00	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	69490	7.61	ng/ul	99
69) Phenanthrene	17.57	178	41750	2.99	ng/ul	98
74) Fluoranthene	19.57	202	65907	4.62	ng/ul	100
77) Pyrene	19.93	202	84061	5.14	ng/ul	97
80) Benzo(a)anthracene	21.79	228	26557	1.95	ng/ul	98
82) Chrysene	21.86	228	27406m	2.10	ng/ul	
85) Benzo(b)fluoranthene	24.08	252	24870	2.01	ng/ul#	94
88) Benzo(a)pyrene	24.98	252	25837	2.16	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	28.94	276	15129m	1.10	ng/ul	
91) Benzo(g,h,i)perylene	30.14	276	16297m	1.48	ng/ul	

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

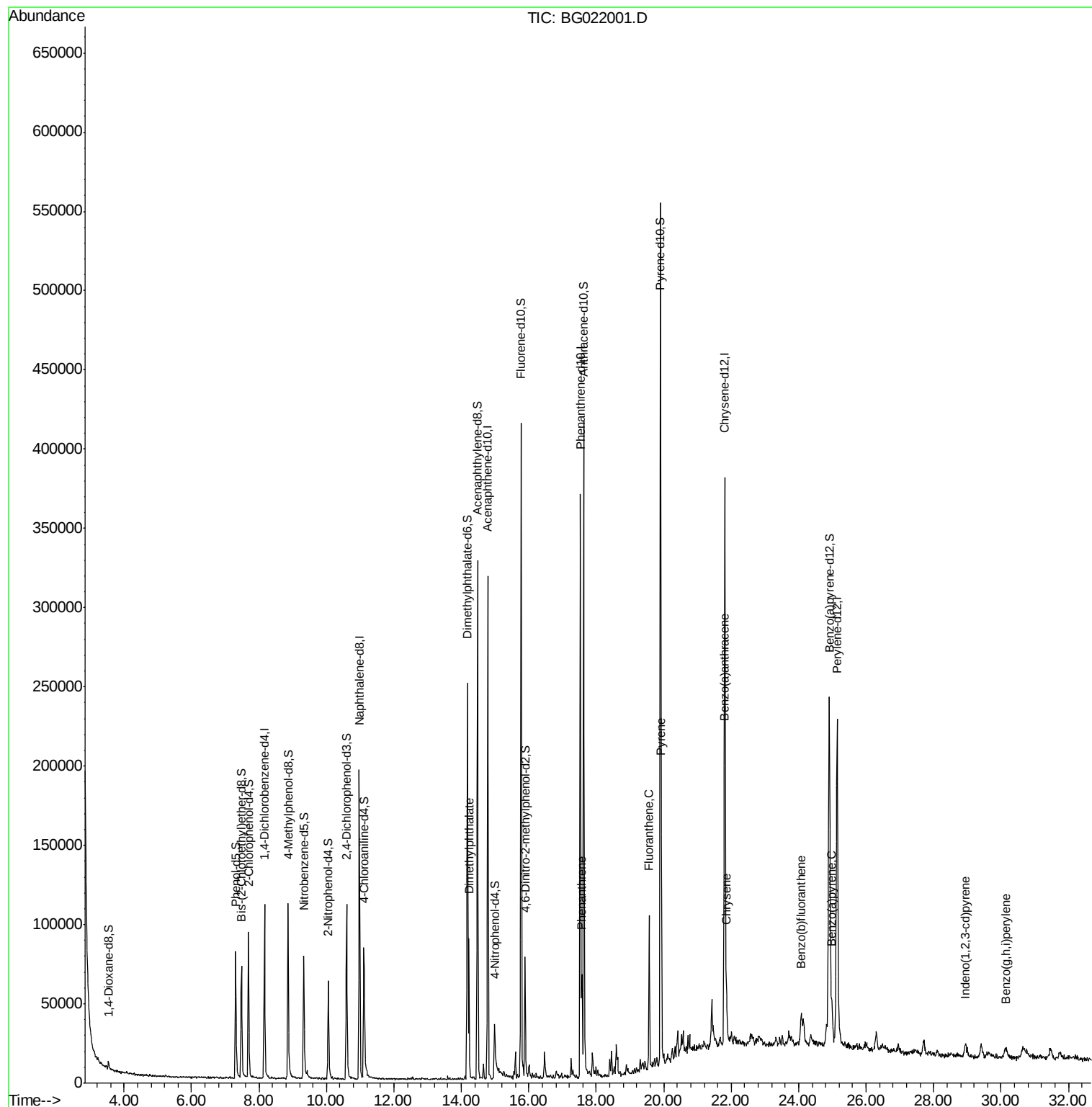
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
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Acq On : 22 May 2016 6:00
Operator : UM/SJ
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ALS Vial : 22 Sample Multiplier: 1

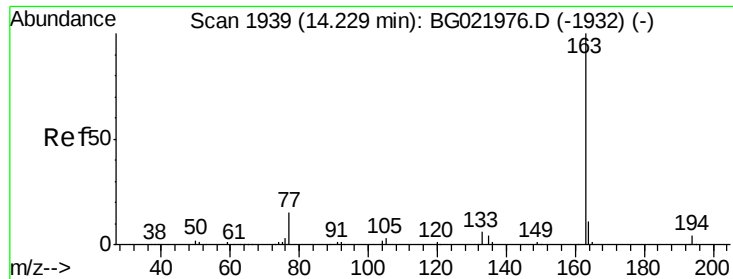
Instrument :
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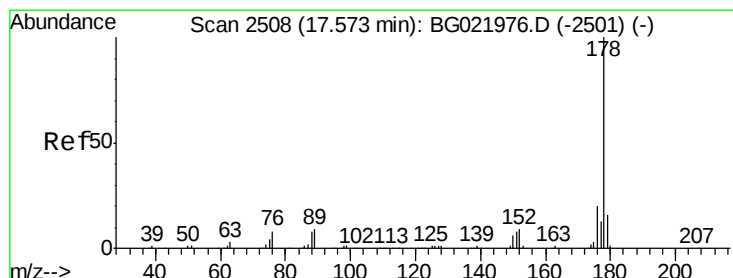
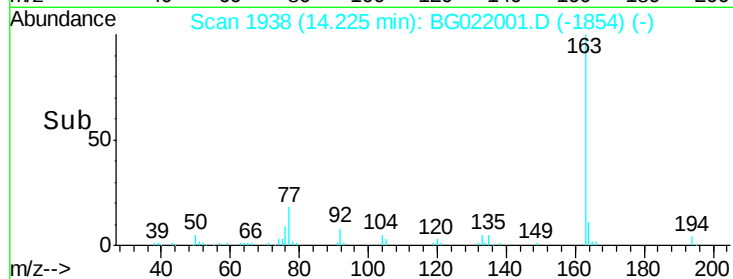
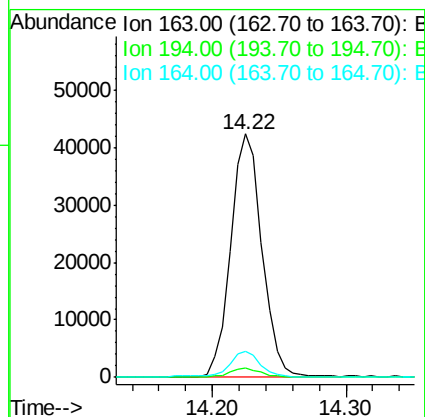
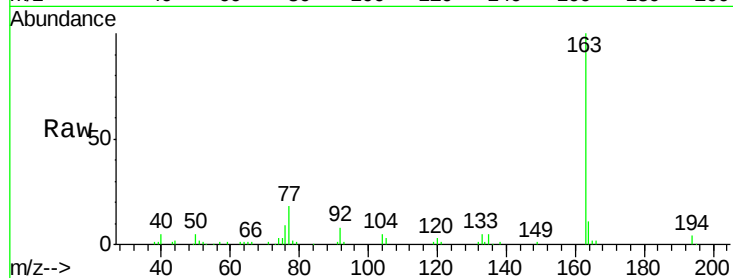
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Dimethylphthalate
Concen: 7.61 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG022001.D
Acq: 22 May 2016 6:00

Instrument :
BNA_G
ClientSampleId :
JHGJ7

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	69490		
194	4.0		3.4	5.2
164	10.5		8.8	13.2

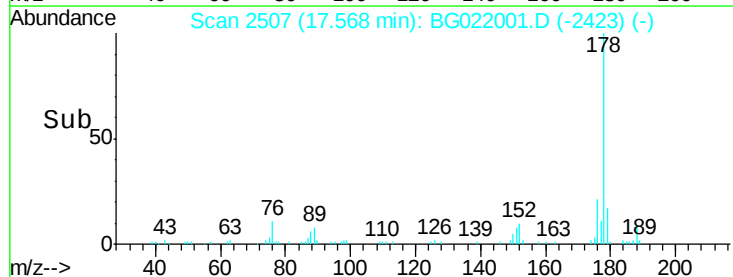
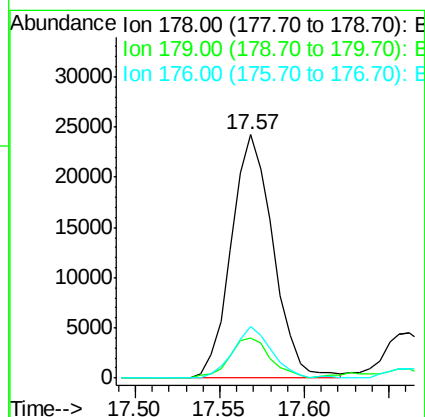
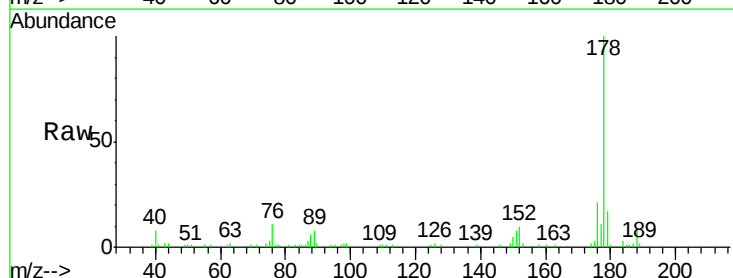
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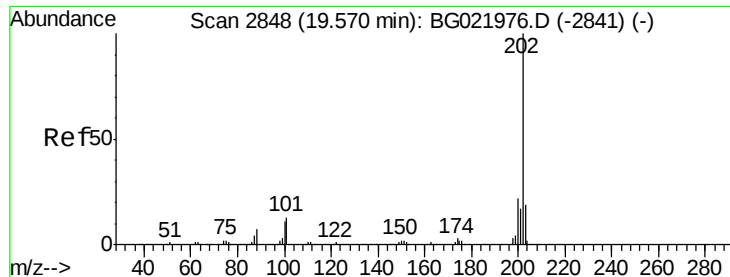
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#69
Phenanthrene
Concen: 2.99 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG022001.D
Acq: 22 May 2016 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	41750		
179	16.5		12.9	19.3
176	21.0		15.8	23.8





#74

Fluoranthene

Concen: 4.62 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG022001.D

Acq: 22 May 2016 6:00

Instrument :

BNA_G

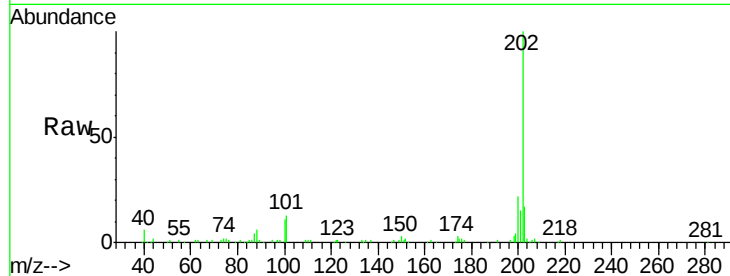
ClientSampled :

JHGJ7

Tgt Ion:	202	Resp:	65907
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.6	16.0
100	10.9	8.7	13.1

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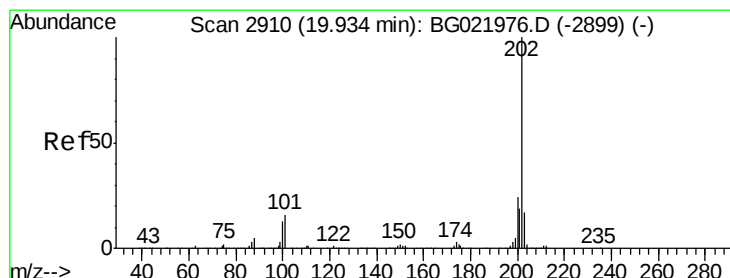
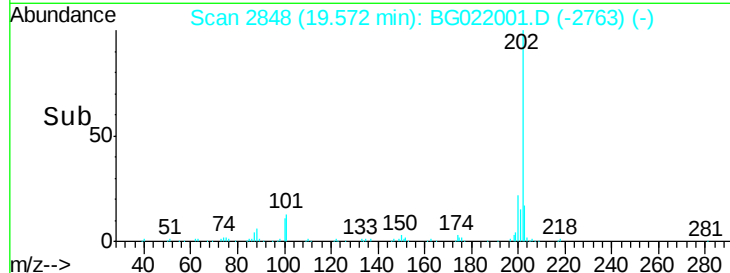
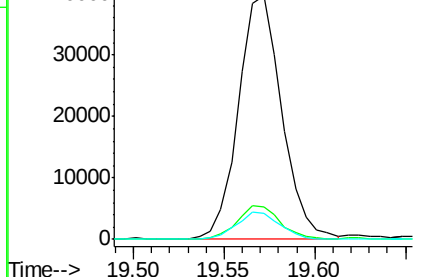
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 5.14 ng/ul

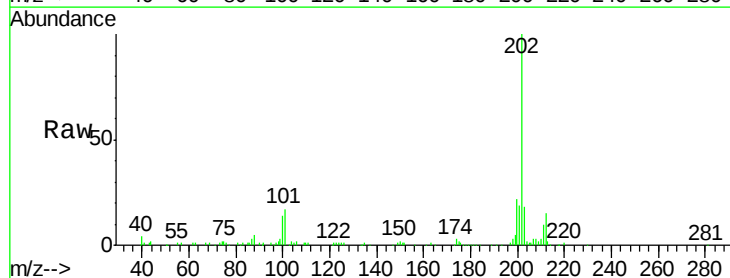
RT: 19.93 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG022001.D

Acq: 22 May 2016 6:00

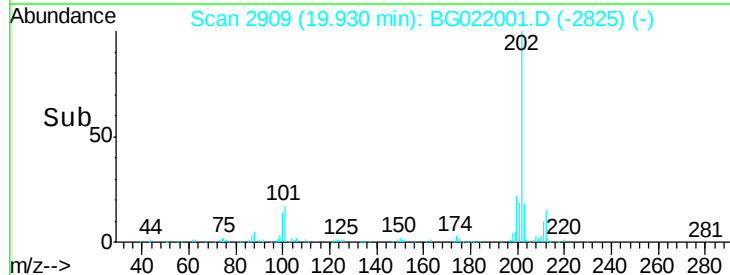
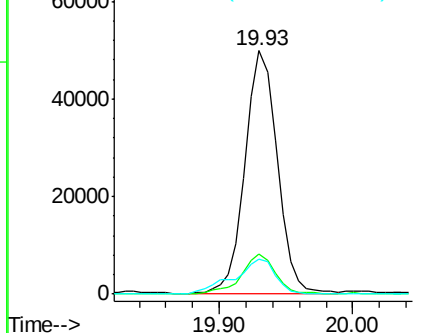
Tgt Ion:	202	Resp:	84061
Ion Ratio	Lower	Upper	
202	100		
101	16.6	12.5	18.7
100	14.4	10.2	15.4

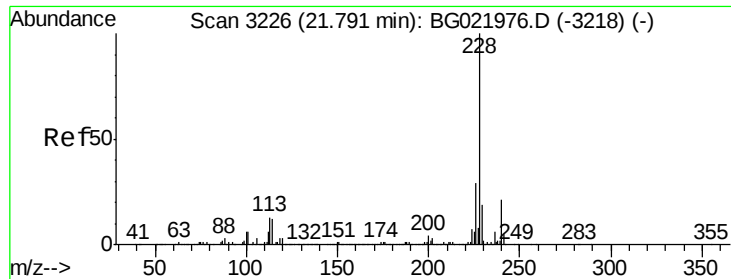


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





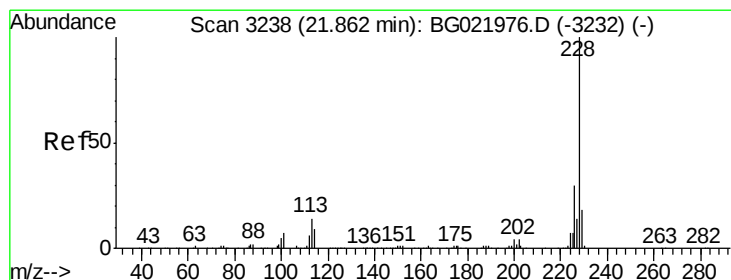
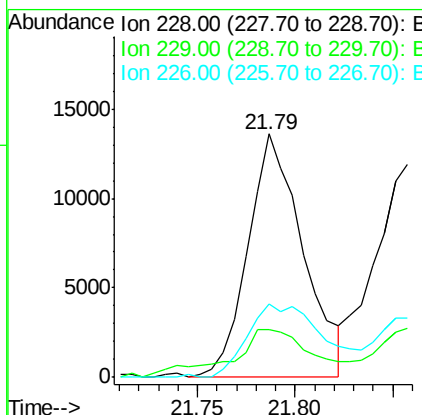
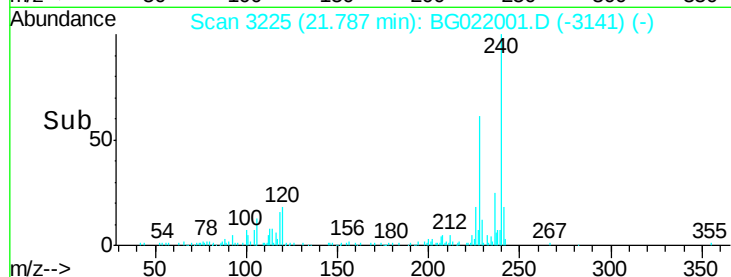
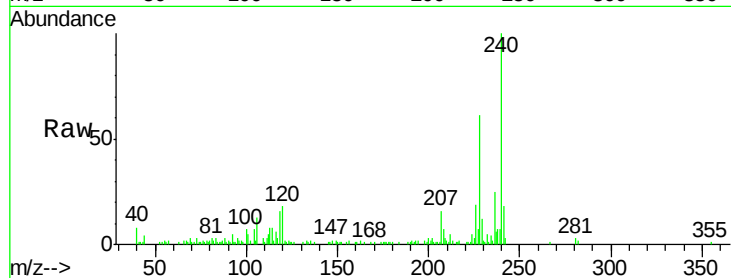
#80
Benzo(a)anthracene
Concen: 1.95 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG022001.D
Acq: 22 May 2016 6:00

Instrument :
BNA_G
ClientSampleId :
JHGJ7

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.4	15.4	23.2
226	30.4	22.8	34.2

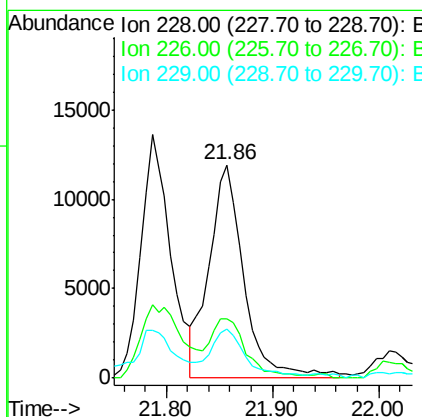
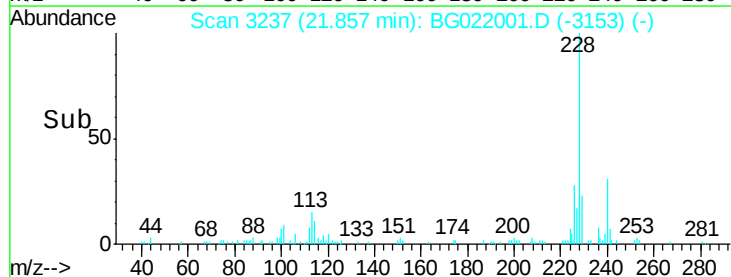
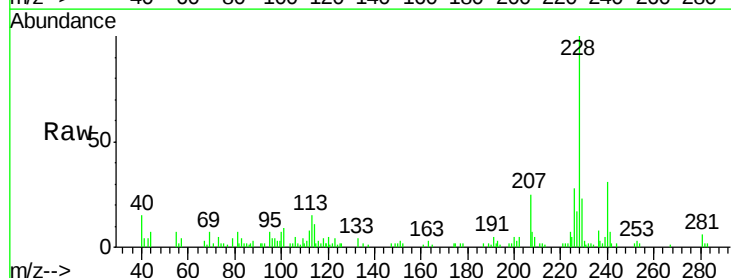
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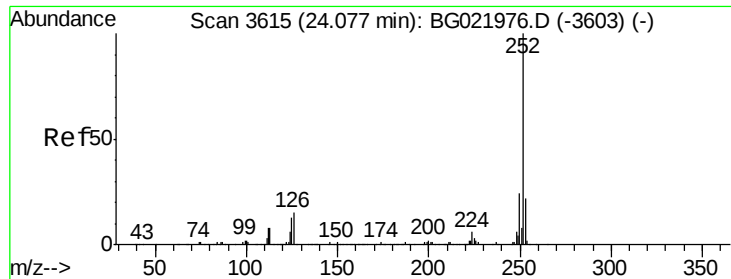
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#82
Chrysene
Concen: 2.10 ng/ul m
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG022001.D
Acq: 22 May 2016 6:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	24.2	36.4
229	23.1	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 2.01 ng/ul

RT: 24.08 min Scan# 3615

Delta R.T. 0.00 min

Lab File: BG022001.D

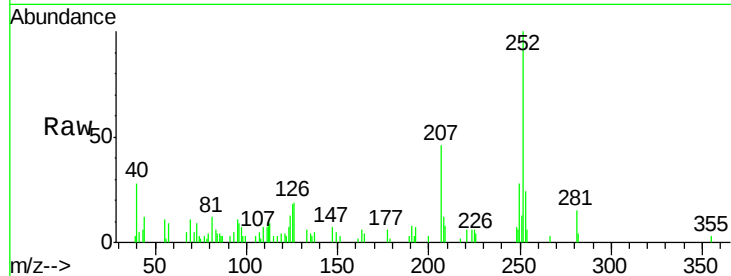
Acq: 22 May 2016 6:00

Instrument :

BNA_G

ClientSampleId :

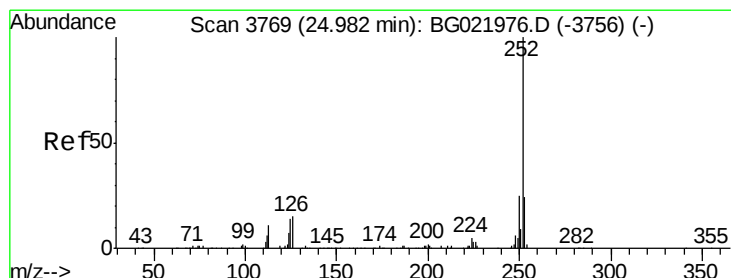
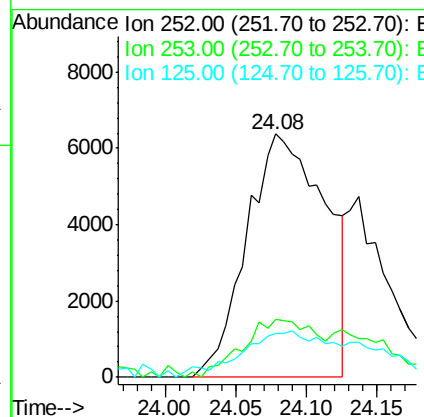
JHGJ7



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	24870		
253	23.9	18.2	27.2	
125	17.9	10.8	16.2	

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#88

Benzo(a)pyrene

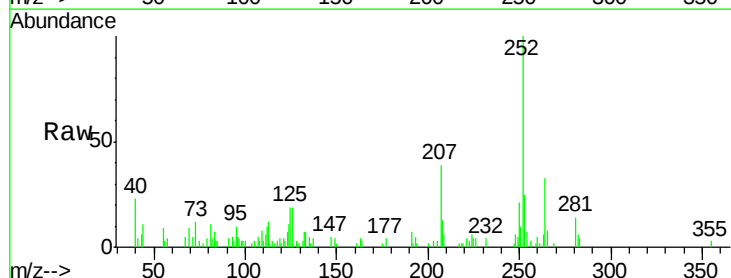
Concen: 2.16 ng/ul

RT: 24.98 min Scan# 3769

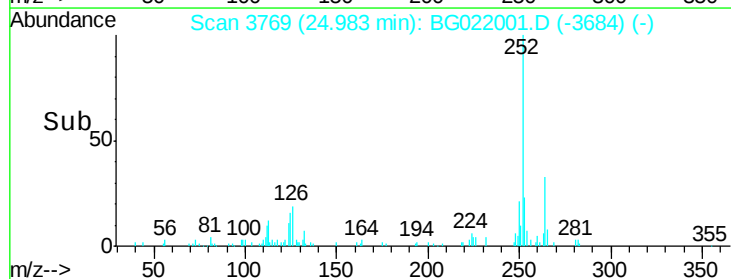
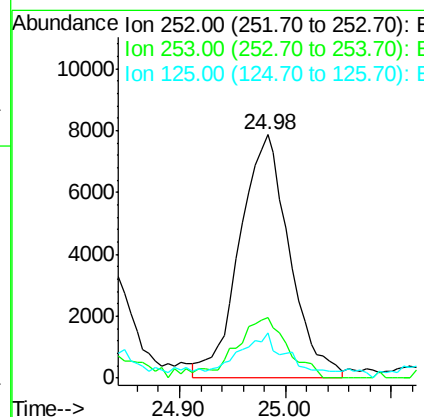
Delta R.T. 0.00 min

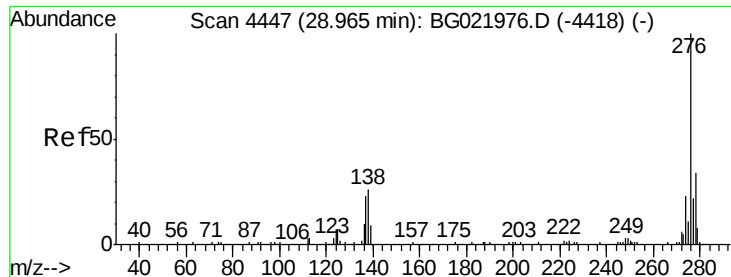
Lab File: BG022001.D

Acq: 22 May 2016 6:00



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	25837		
253	25.0	19.0	28.4	
125	18.8	12.0	18.0	





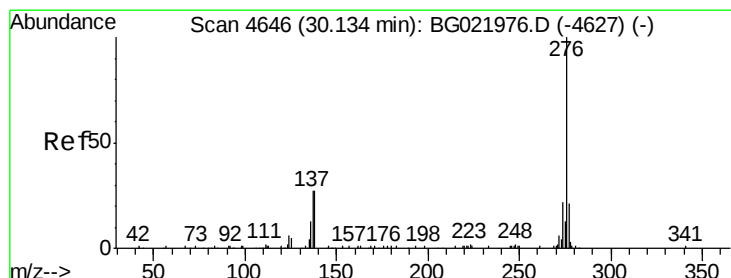
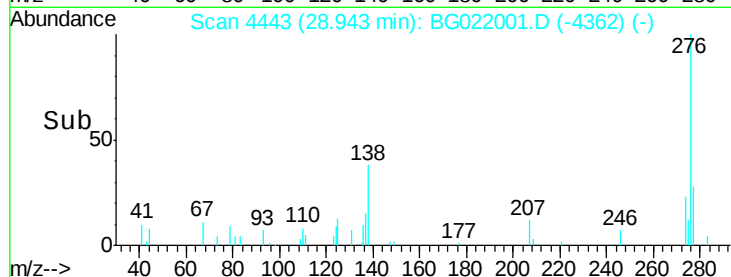
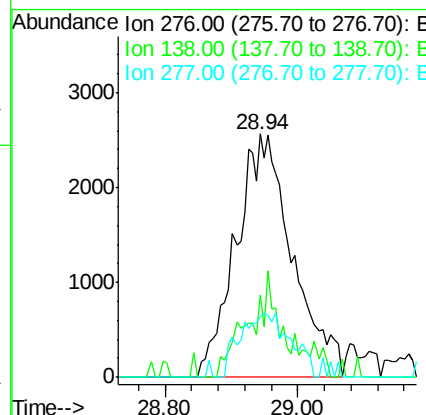
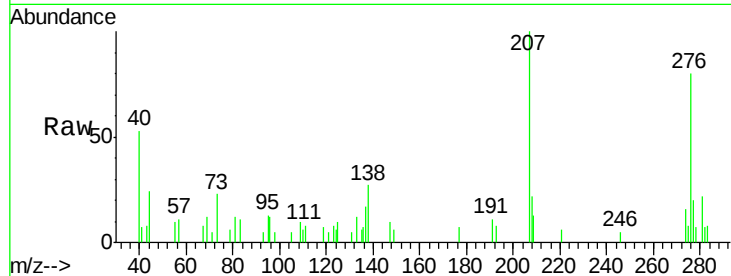
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.10 ng/ul m
 RT: 28.94 min Scan# 4443
 Delta R.T. -0.02 min
 Lab File: BG022001.D
 Acq: 22 May 2016 6:00

Instrument :
 BNA_G
 ClientSampleId :
 JHGJ7

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	15129		
138	33.8	20.8	31.2#	
277	25.1	17.6	26.4	

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#91
 Benzo(g,h,i)perylene
 Concen: 1.48 ng/ul m
 RT: 30.14 min Scan# 4647
 Delta R.T. 0.01 min
 Lab File: BG022001.D
 Acq: 22 May 2016 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	16297		
138	21.5	22.1	33.1#	
277	23.2	17.0	25.4	

