

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
 Data File : BG022055.D
 Acq On : 23 May 2016 20:39
 Operator : UM/SJ
 Sample : H3124-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGJ2

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Quant Time: May 24 08:30:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 07:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	38870	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	184577	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	92975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	169349	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	159219	20.00	ng/ul	0.00
83) Perylene-d12	25.16	264	147878	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	2785	3.73	ng/uL	0.00
5) Phenol-d5	7.31	99	69322	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	36467	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	61234	20.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	54770	18.39	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	29516	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	31332	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	55801	21.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	58175	20.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	153583	21.99	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	217588	22.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	16851	14.01	ng/ul	0.00
57) Fluorene-d10	15.78	176	140120	21.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.64	188	187041	23.01	ng/ul	0.00
76) Pyrene-d10	19.91	212	197053	21.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.94	264	169566	24.71	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
34) 2-Methylnaphthalene	12.63	142	7774	1.16	ng/ul	94
44) Dimethylphthalate	14.23	163	62832	8.95	ng/ul#	89
69) Phenanthrene	17.58	178	61233	6.50	ng/ul#	89
74) Fluoranthene	19.58	202	73189	7.60	ng/ul	100
77) Pyrene	19.94	202	105057	9.38	ng/ul	98
80) Benzo(a)anthracene	21.80	228	38891	4.16	ng/ul#	89
82) Chrysene	21.86	228	41852	4.67	ng/ul#	91
85) Benzo(b)fluoranthene	24.10	252	49307	5.70	ng/ul#	76
86) Benzo(k)fluoranthene	24.15	252	22801m	2.71	ng/ul	
88) Benzo(a)pyrene	25.00	252	40618	4.86	ng/ul#	80
89) Indeno(1,2,3-cd)pyrene	29.00	276	25354m	2.65	ng/ul	
91) Benzo(g,h,i)perylene	30.19	276	26615m	3.47	ng/ul	

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

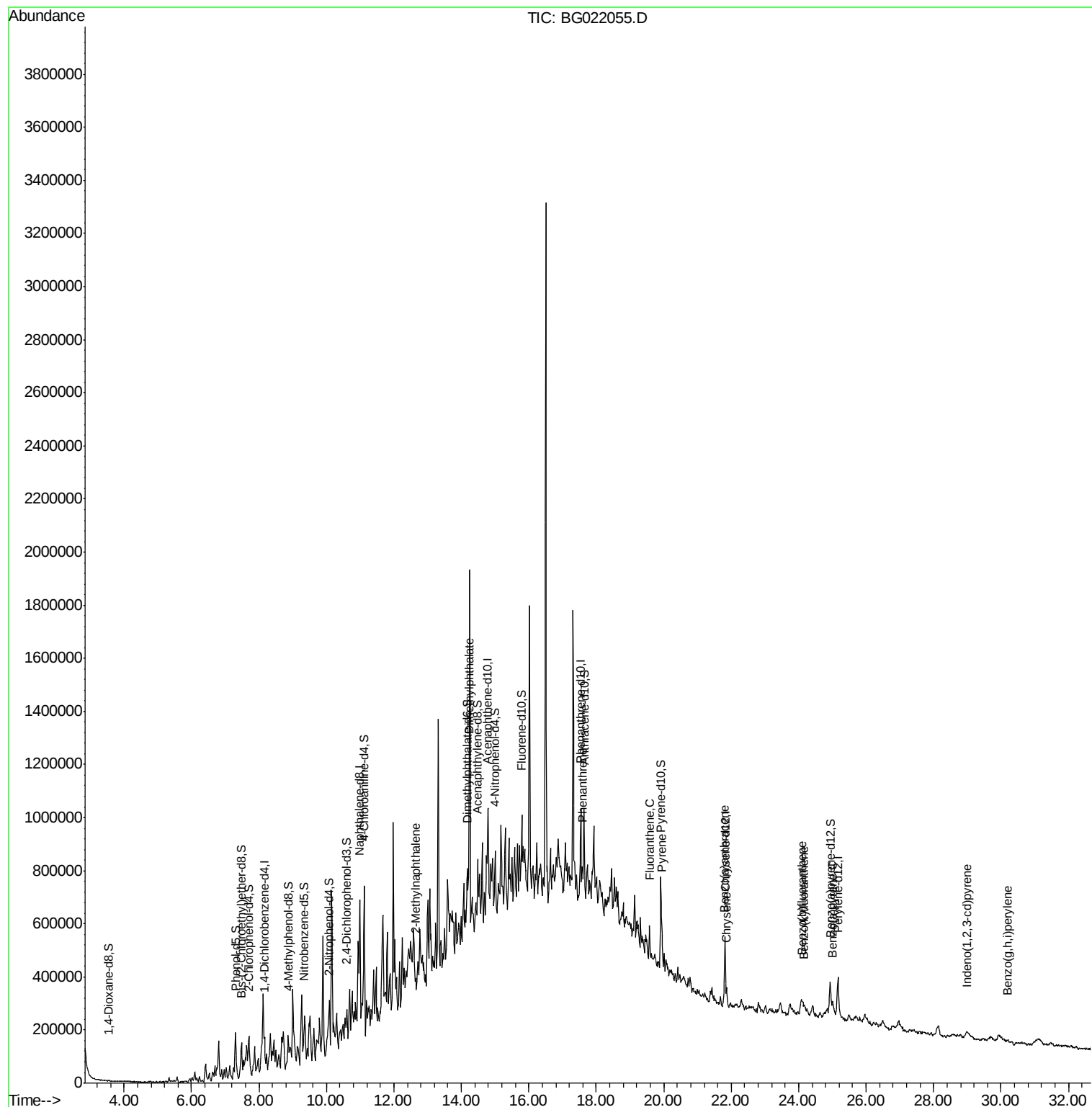
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022055.D
Acq On : 23 May 2016 20:39
Operator : UM/SJ
Sample : H3124-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

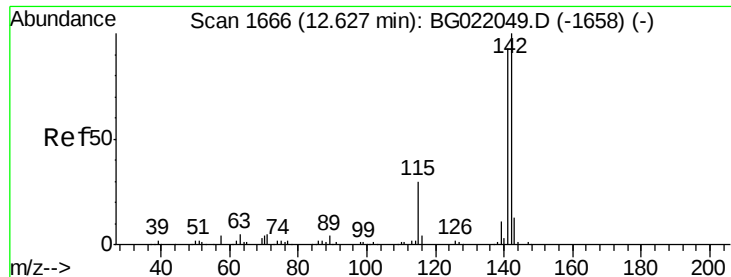
Instrument :
BNA_G
ClientSampleId :
JHGJ2

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Quant Title : SVOA CALIBRATION
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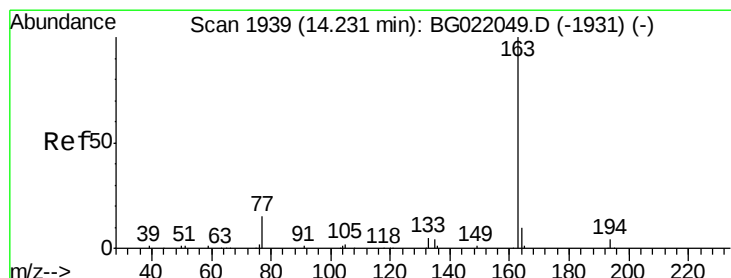
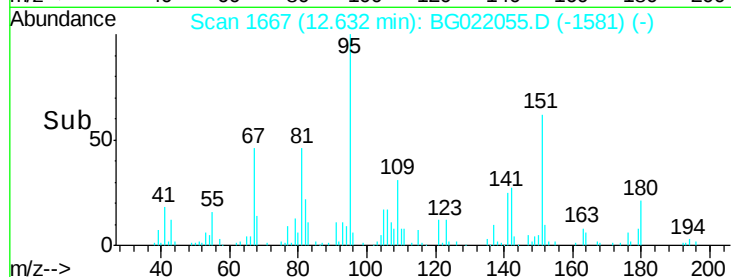
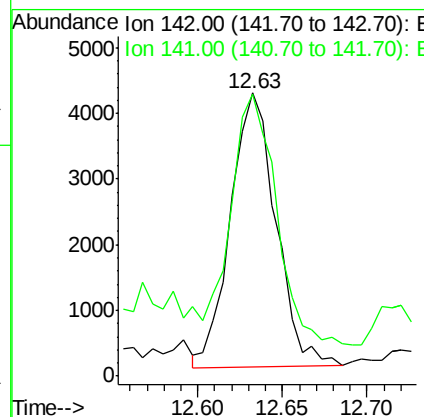
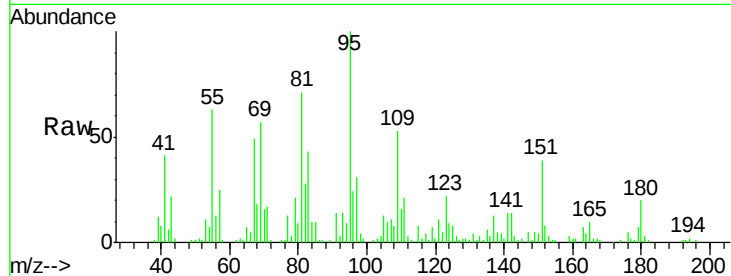
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 2-Methylnaphthalene
 Concen: 1.16 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BG022055.D
 Acq: 23 May 2016 20:39

Instrument :
 BNA_G
 ClientSampled :
 JHGJ2

Tgt Ion:142 Resp: 7774
 Ion Ratio Lower Upper
 142 100
 141 99.8 75.2 112.8

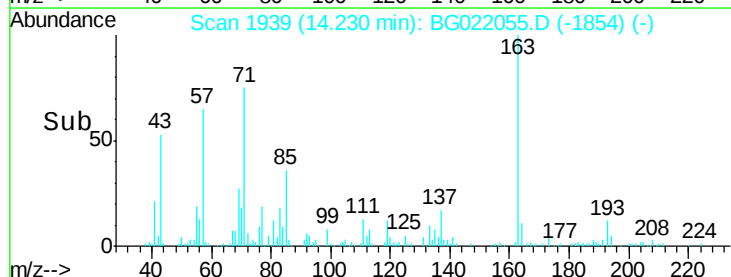
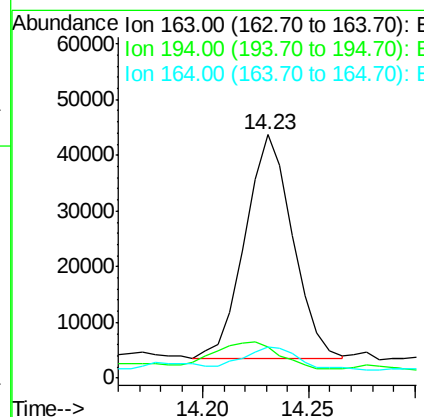
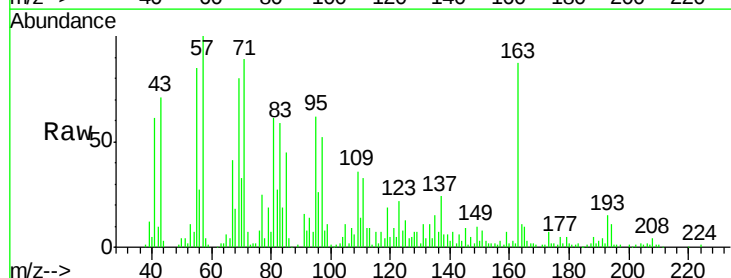
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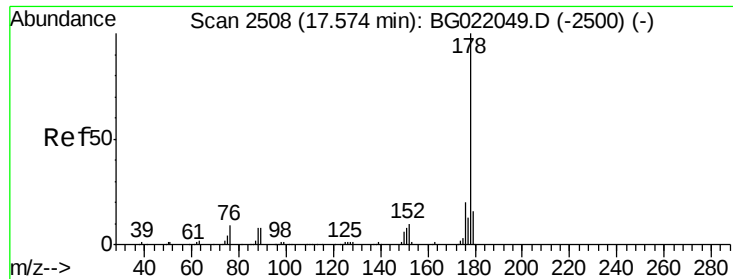
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#44
 Dimethylphthalate
 Concen: 8.95 ng/ul
 RT: 14.23 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG022055.D
 Acq: 23 May 2016 20:39

Tgt Ion:163 Resp: 62832
 Ion Ratio Lower Upper
 163 100
 194 12.9 3.4 5.2#
 164 12.7 8.8 13.2





#69

Phenanthrene

Concen: 6.50 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. 0.01 min

Lab File: BG022055.D

Acq: 23 May 2016 20:39

Instrument :

BNA_G

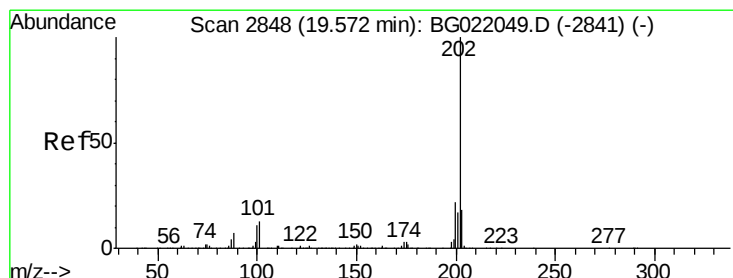
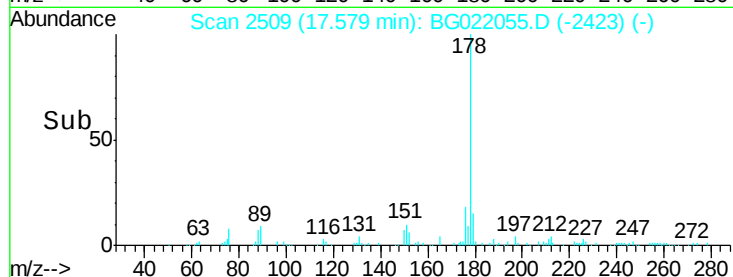
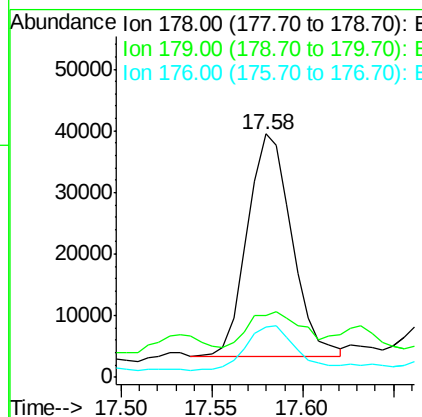
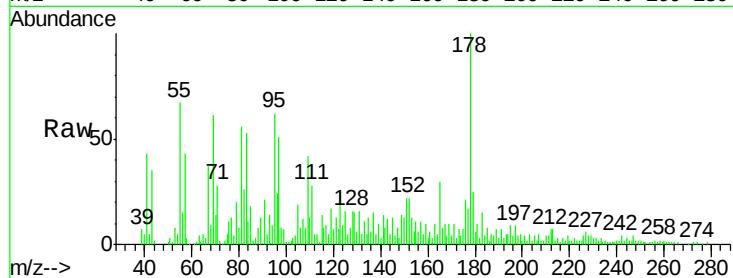
ClientSampleId :

JHGJ2

Tgt Ion:	178	Resp:	61233
Ion Ratio	Lower	Upper	
178	100		
179	25.3	12.9	19.3#
176	20.7	15.8	23.8

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#74

Fluoranthene

Concen: 7.60 ng/ul

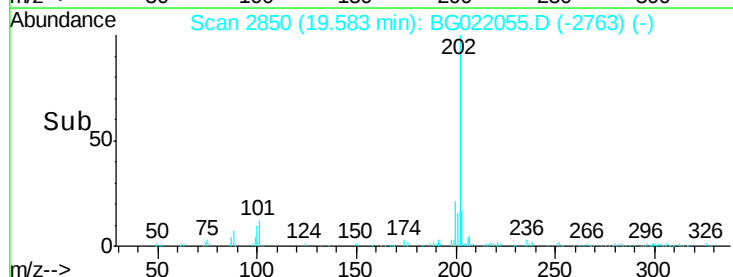
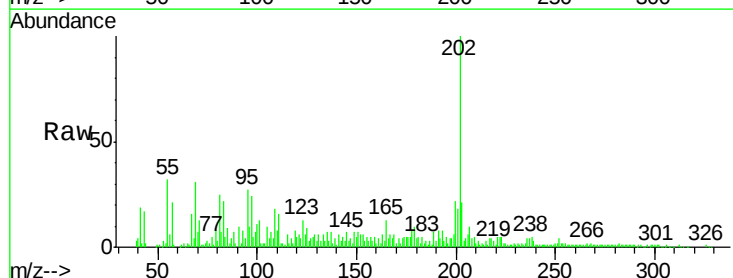
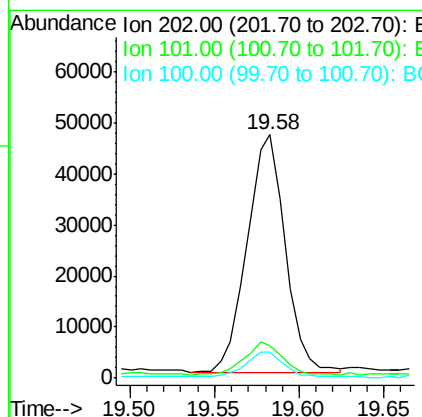
RT: 19.58 min Scan# 2850

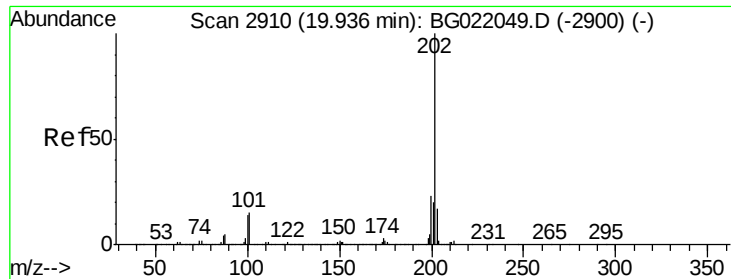
Delta R.T. 0.01 min

Lab File: BG022055.D

Acq: 23 May 2016 20:39

Tgt Ion:	202	Resp:	73189
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.6	16.0
100	10.7	8.7	13.1





#77

Pyrene

Concen: 9.38 ng/ul

RT: 19.94 min Scan# 2911

Delta R.T. 0.01 min

Lab File: BG022055.D

Acq: 23 May 2016 20:39

Instrument :

BNA_G

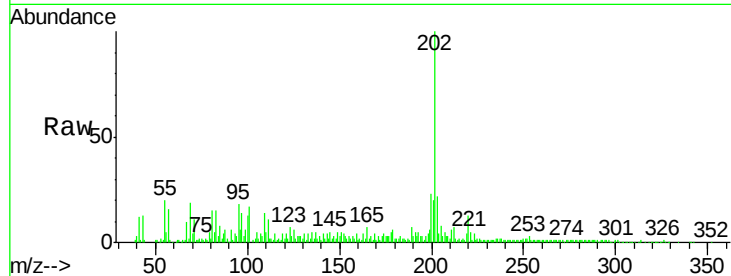
ClientSampleId :

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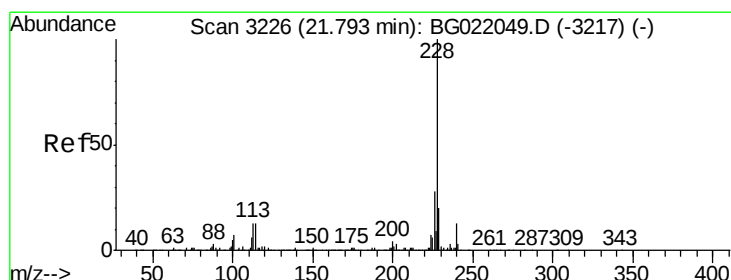
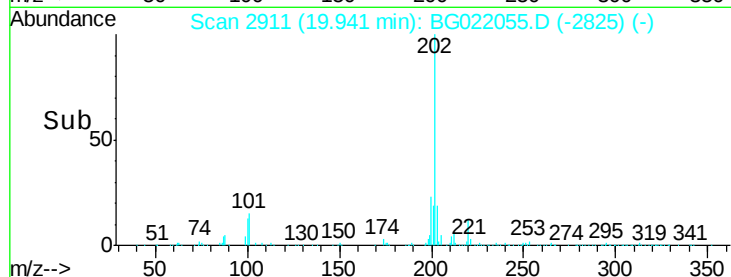
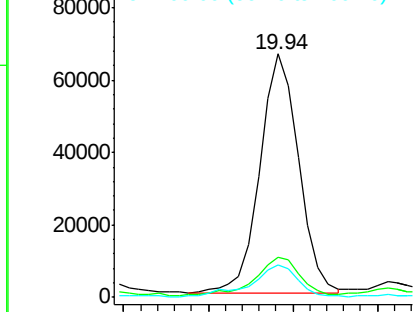
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.6	12.5	18.7
100	13.2	10.2	15.4

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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): E



#80

Benzo(a)anthracene

Concen: 4.16 ng/ul

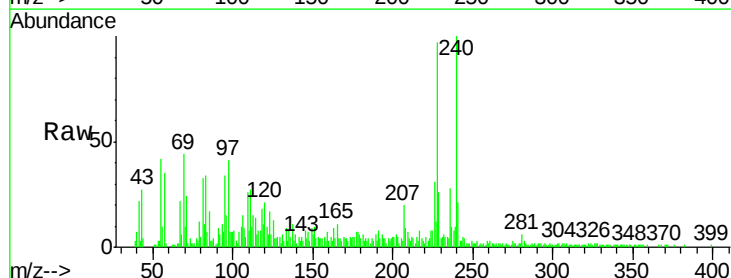
RT: 21.80 min Scan# 3227

Delta R.T. 0.01 min

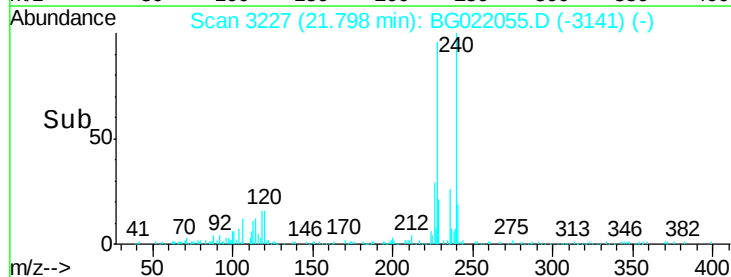
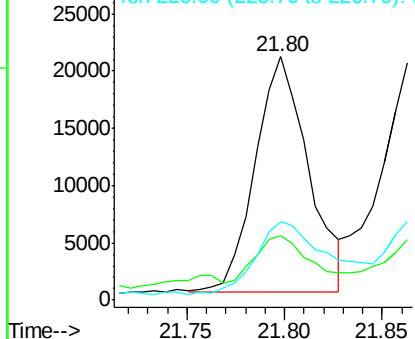
Lab File: BG022055.D

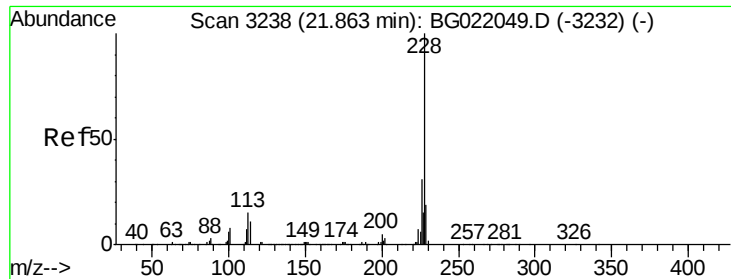
Acq: 23 May 2016 20:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	26.7	15.4	23.2#
226	32.1	22.8	34.2



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





#82

Chrysene

Concen: 4.67 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG022055.D

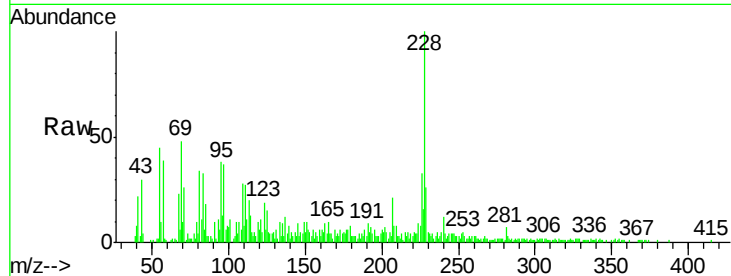
Acq: 23 May 2016 20:39

Instrument :

BNA_G

ClientSampled :

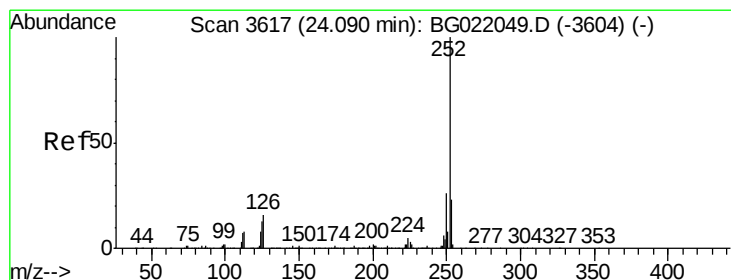
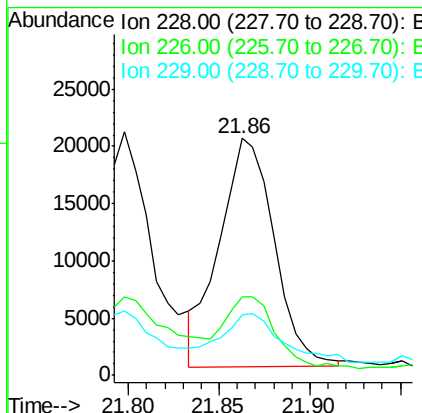
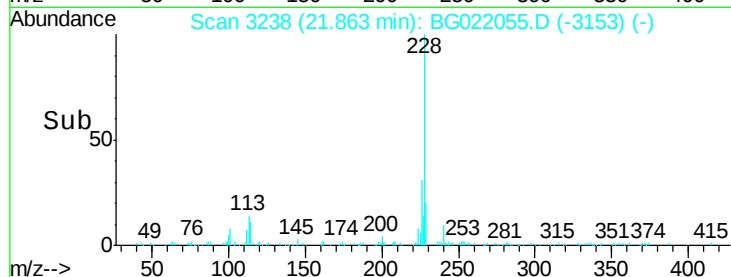
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Tgt Ion:	228	Resp:	41852
Ion Ratio	Lower	Upper	
228	100		
226	33.3	24.2	36.4
229	25.9	15.0	22.6

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#85

Benzo(b)fluoranthene

Concen: 5.70 ng/ul

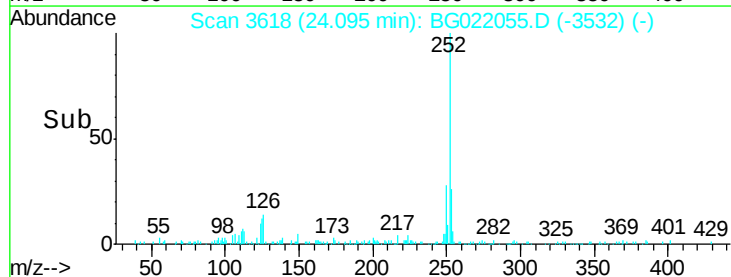
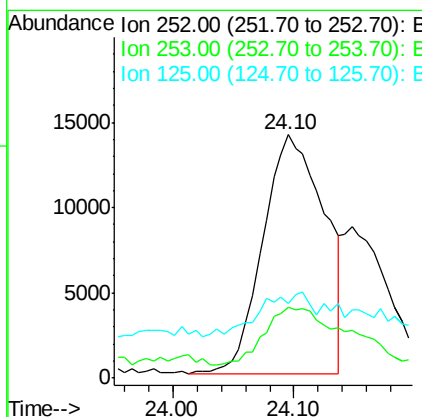
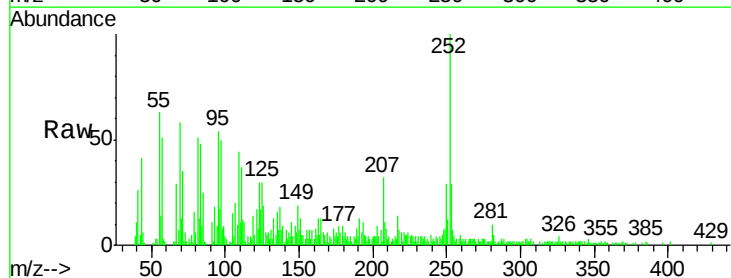
RT: 24.10 min Scan# 3618

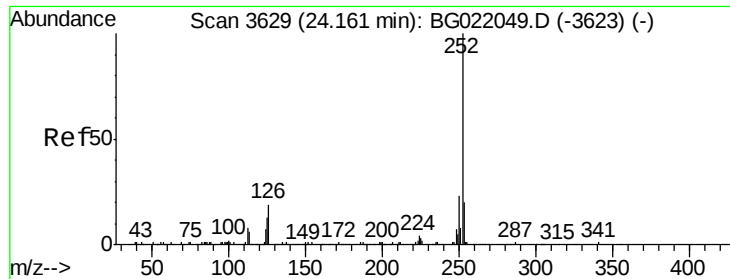
Delta R.T. 0.01 min

Lab File: BG022055.D

Acq: 23 May 2016 20:39

Tgt Ion:	252	Resp:	49307
Ion Ratio	Lower	Upper	
252	100		
253	28.8	18.2	27.2
125	30.4	10.8	16.2





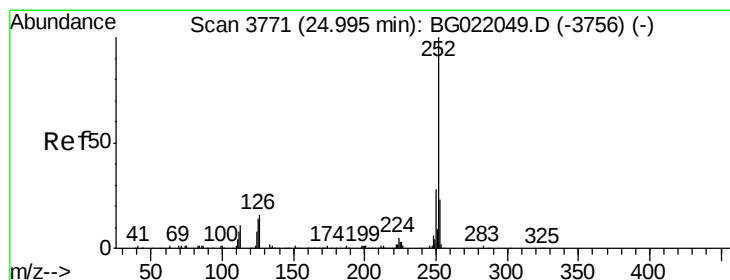
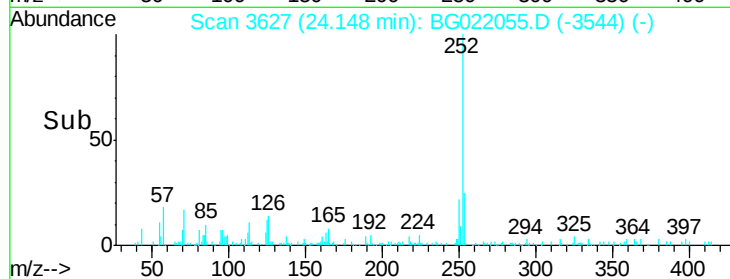
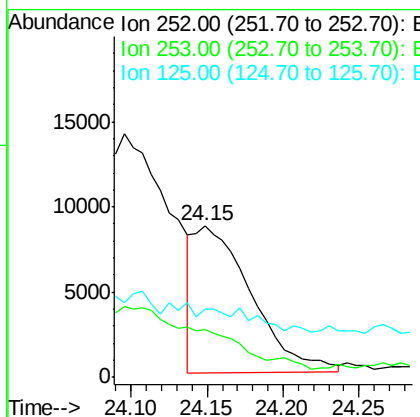
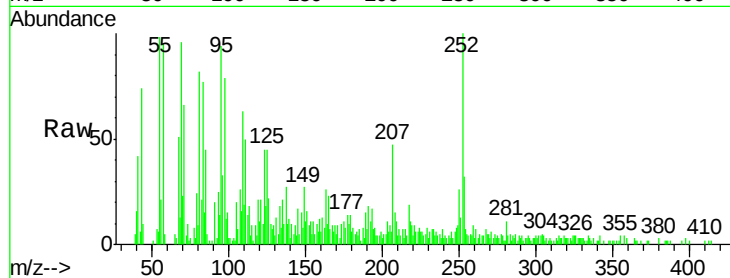
#86
Benzo(k)fluoranthene
Concen: 2.71 ng/ul m
RT: 24.15 min Scan# 3627
Delta R.T. -0.01 min
Lab File: BG022055.D
Acq: 23 May 2016 20:39

Instrument :
BNA_G
ClientSampleId :
JHGJ2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.6	15.8	23.6#
125	44.7	10.6	16.0#

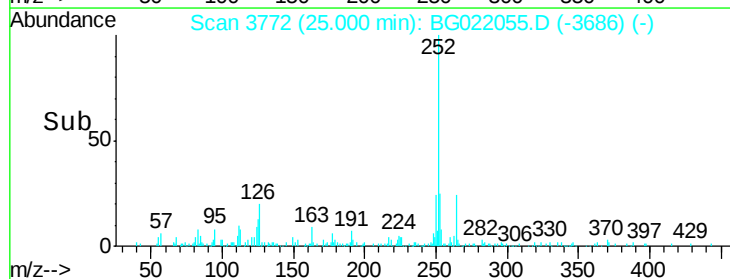
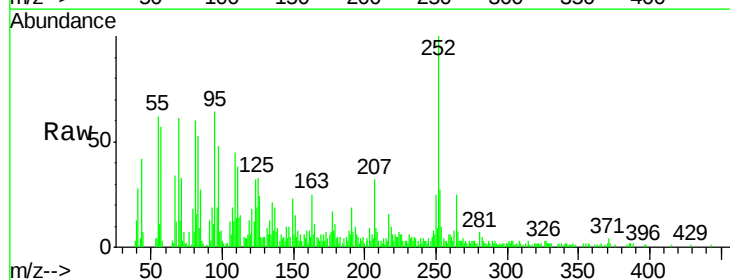
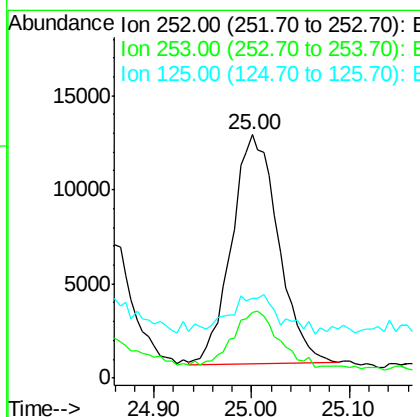
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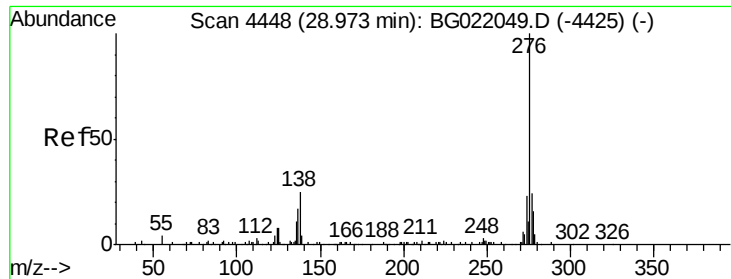
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#88
Benzo(a)pyrene
Concen: 4.86 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG022055.D
Acq: 23 May 2016 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	19.0	28.4
125	32.6	12.0	18.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.65 ng/ul m

RT: 29.00 min Scan# 4452

Delta R.T. 0.02 min

Lab File: BG022055.D

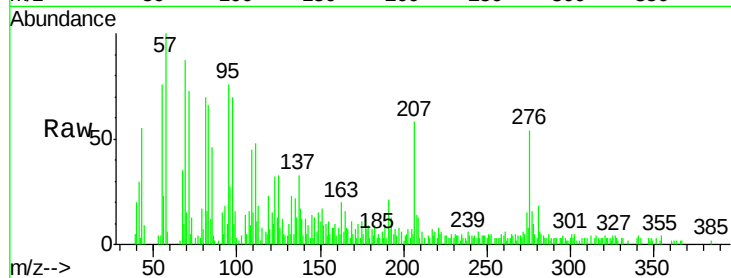
Acq: 23 May 2016 20:39

Instrument :

BNA_G

ClientSampled :

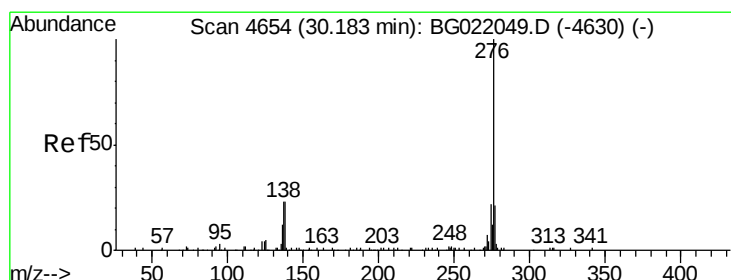
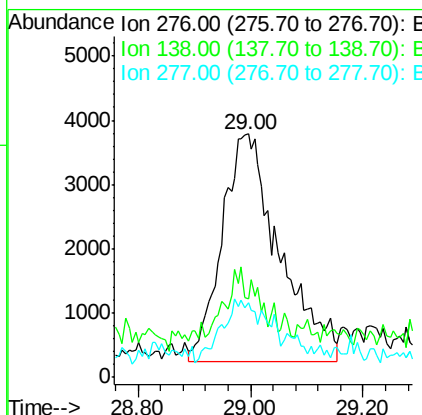
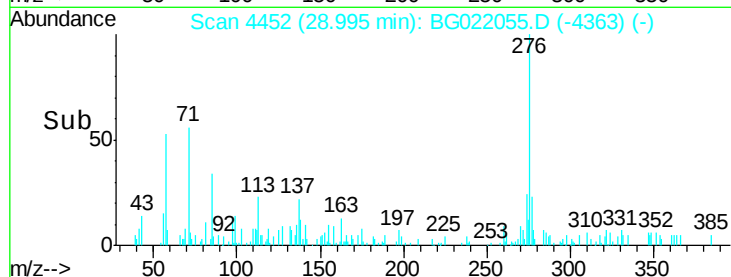
JHGJ2



Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.4	20.8	31.2#
277	30.6	17.6	26.4#

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#91

Benzo(g,h,i)perylene

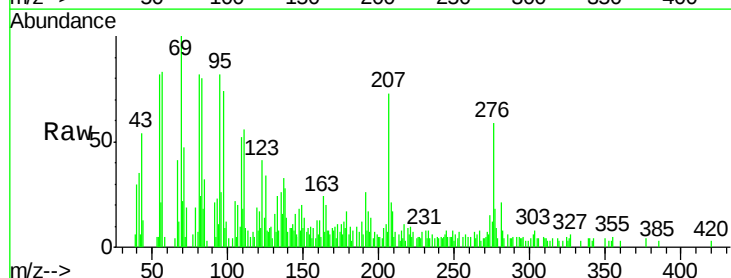
Concen: 3.47 ng/ul m

RT: 30.19 min Scan# 4655

Delta R.T. 0.01 min

Lab File: BG022055.D

Acq: 23 May 2016 20:39



Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.8	22.1	33.1#
277	30.7	17.0	25.4#

