

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
 Data File : BG022091.D
 Acq On : 26 May 2016 21:48
 Operator : UM/SJ
 Sample : H3201-25
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ4

Manual Integrations
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Quant Time: May 27 07:03:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	35230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	194718	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	119252	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	235064	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	195580	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	188541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	759	1.12	ng/uL	0.00
5) Phenol-d5	7.31	99	35488	11.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	19048	11.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	33636	12.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	26454	9.80	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	17241	12.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	18989	12.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	33855	12.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	34811	11.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	128854	14.39	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	168313	13.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	11642m	7.55	ng/ul	0.02
57) Fluorene-d10	15.76	176	113177	13.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11725	9.54	ng/ul	0.00
70) Anthracene-d10	17.62	188	148345	13.15	ng/ul	0.00
76) Pyrene-d10	19.89	212	159609	14.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	126654	14.48	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.22	163	48782	5.42	ng/ul	99
69) Phenanthrene	17.56	178	79942	6.11	ng/ul	98
71) Anthracene	17.65	178	20628	1.56	ng/ul	98
74) Fluoranthene	19.56	202	116238	8.70	ng/ul	97
77) Pyrene	19.92	202	90885	6.60	ng/ul	97
80) Benzo(a)anthracene	21.78	228	39776	3.47	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.66	149	48038	5.18	ng/ul#	96
82) Chrysene	21.85	228	36209	3.29	ng/ul#	92
85) Benzo(b)fluoranthene	24.06	252	46402	4.21	ng/ul#	96
86) Benzo(k)fluoranthene	24.12	252	19137m	1.78	ng/ul	
88) Benzo(a)pyrene	24.96	252	33203	3.12	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.92	276	26748m	2.19	ng/ul	
91) Benzo(g,h,i)perylene	30.10	276	23542m	2.41	ng/ul	

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

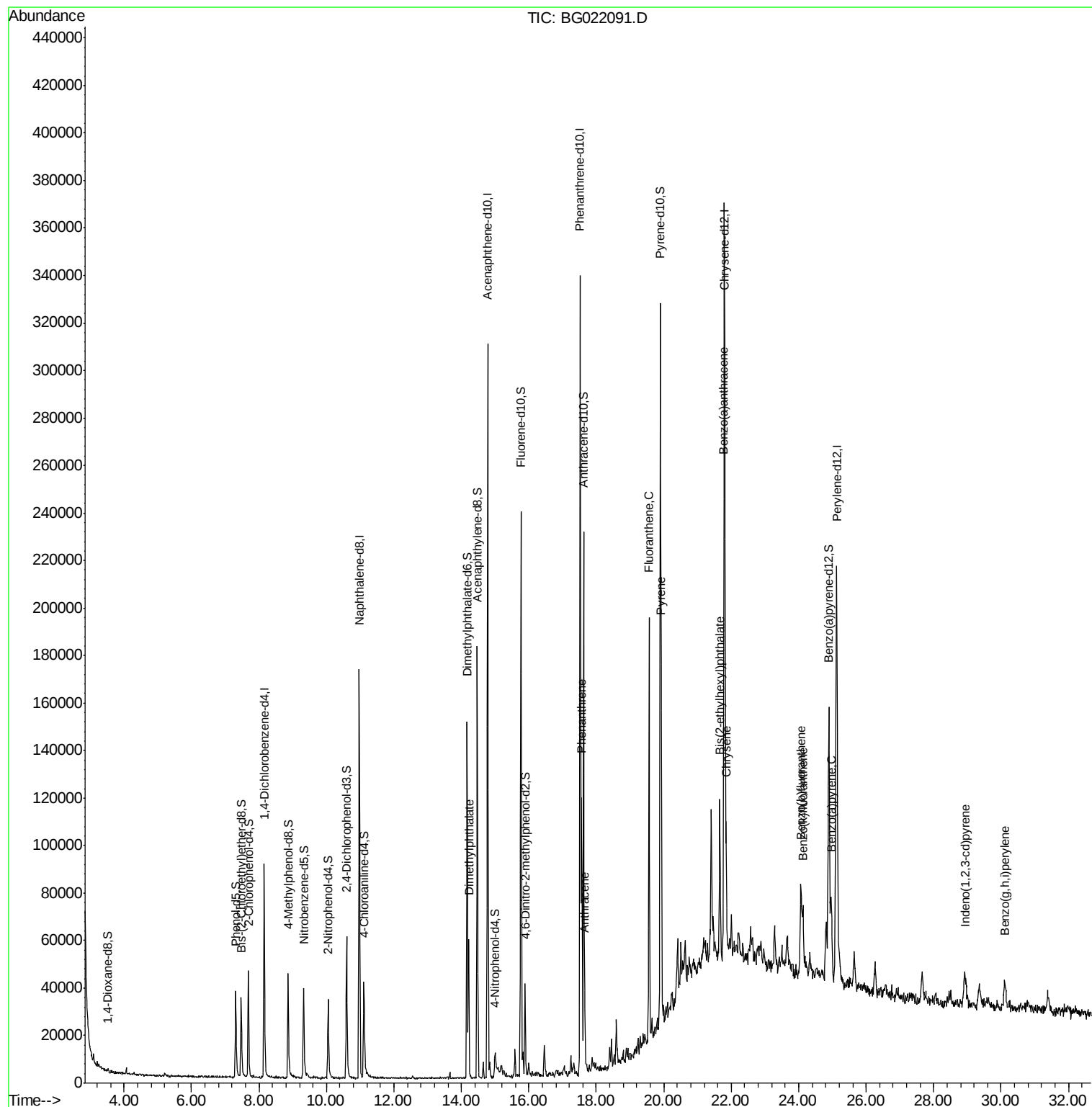
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022091.D
Acq On : 26 May 2016 21:48
Operator : UM/SJ
Sample : H3201-25
Misc :
ALS Vial : 20 Sample Multiplier: 1

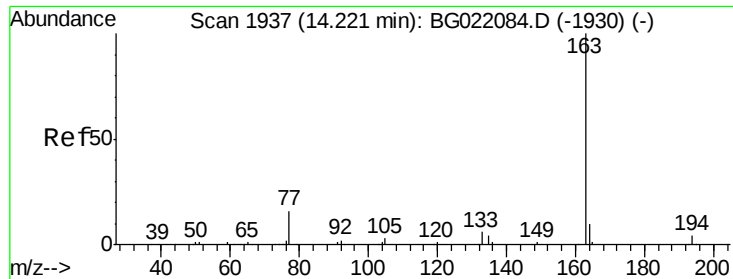
Instrument :
BNA_G
ClientSampleId :
BCZJ4

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Quant Time: May 27 07:03:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 05:50:42 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.42 ng/ul

RT: 14.22 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG022091.D

Acq: 26 May 2016 21:48

Instrument :

BNA_G

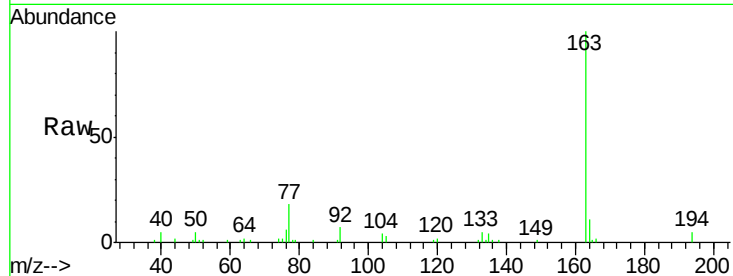
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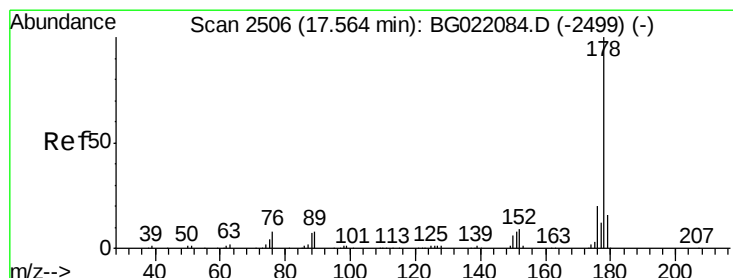
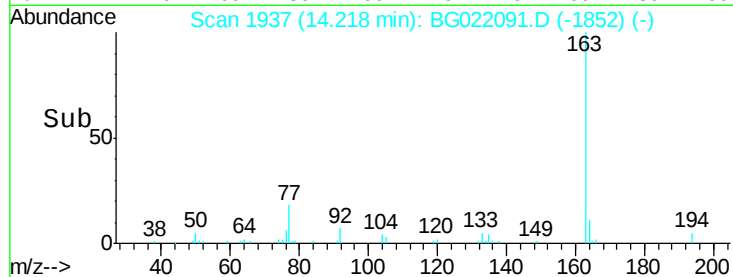
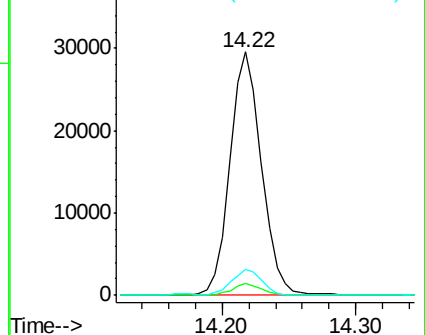
Tot Ion:	163	Resp:	48782
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.4	5.2
164	10.5	8.8	13.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 6.11 ng/ul

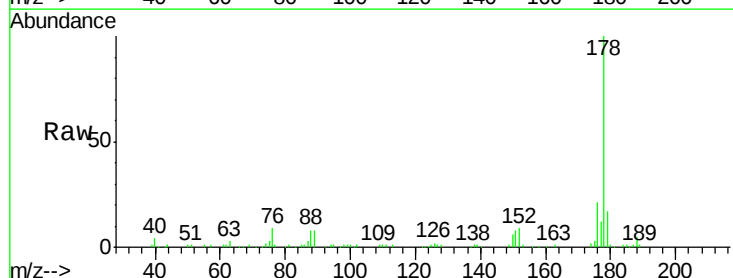
RT: 17.56 min Scan# 2506

Delta R.T. -0.00 min

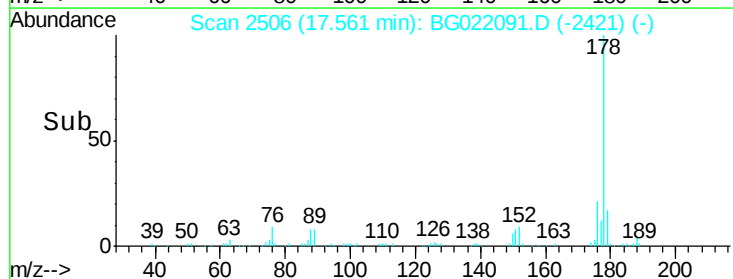
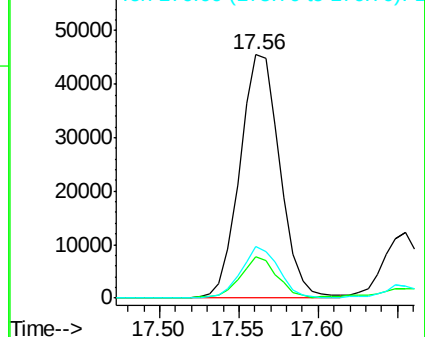
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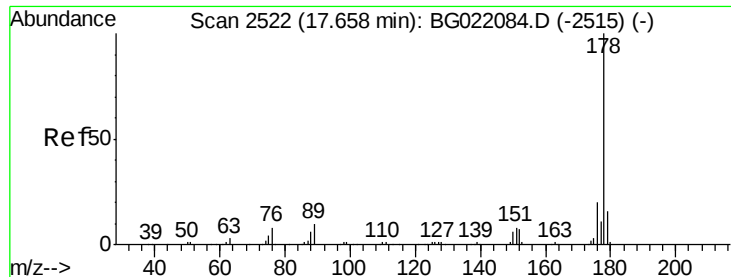
Acq: 26 May 2016 21:48

Tgt Ion:	178	Resp:	79942
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.9	19.3
176	21.0	15.8	23.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





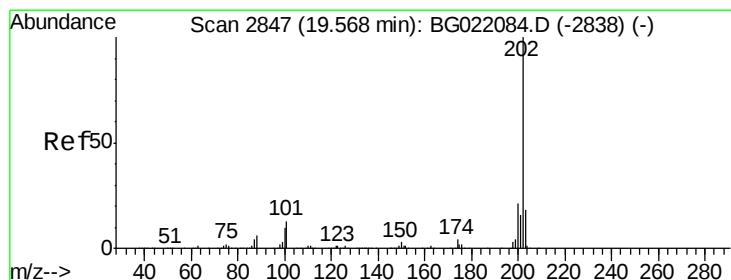
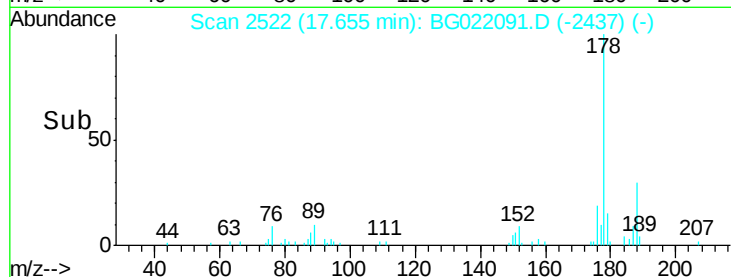
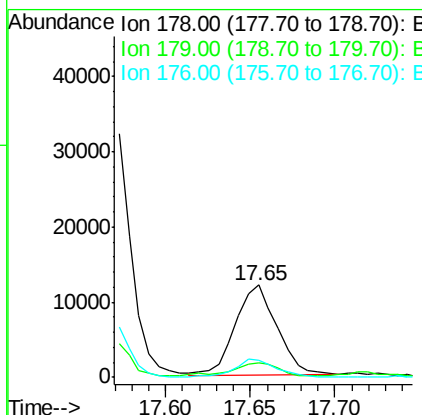
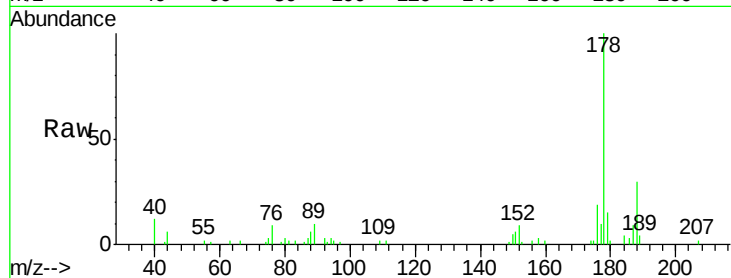
#71
 Anthracene
 Concen: 1.56 ng/ul
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG022091.D
 Acq: 26 May 2016 21:48

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.9	16.3	24.5

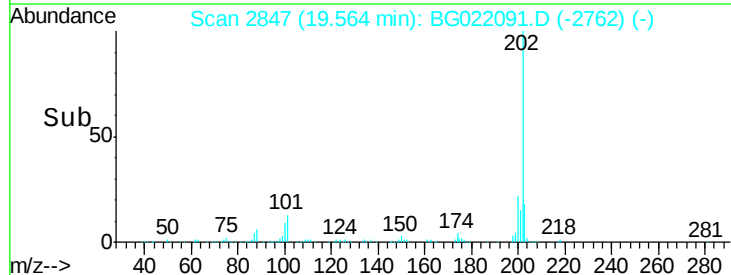
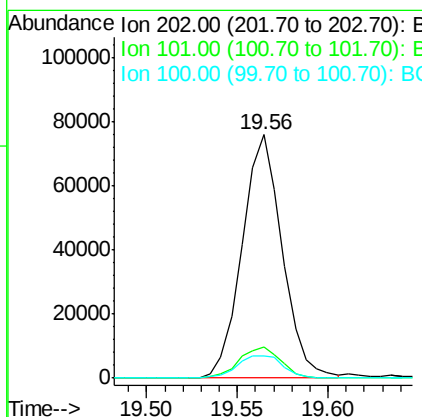
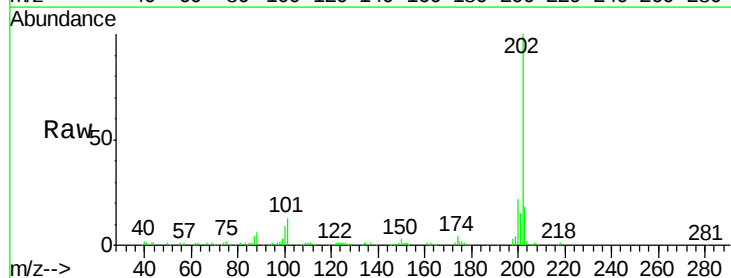
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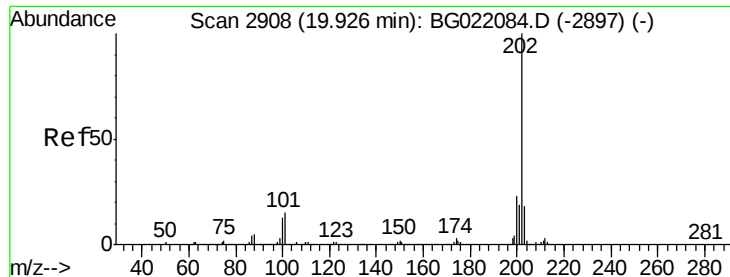
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#74
 Fluoranthene
 Concen: 8.70 ng/ul
 RT: 19.56 min Scan# 2847
 Delta R.T. -0.00 min
 Lab File: BG022091.D
 Acq: 26 May 2016 21:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	16.0
100	9.2	8.7	13.1





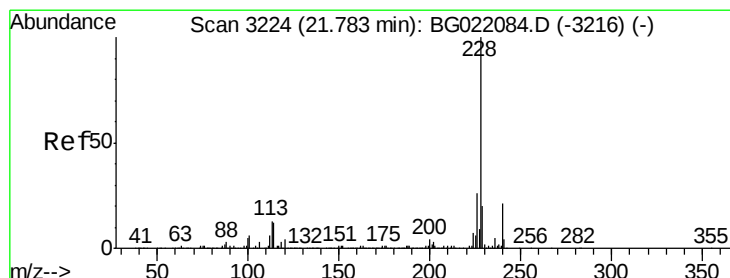
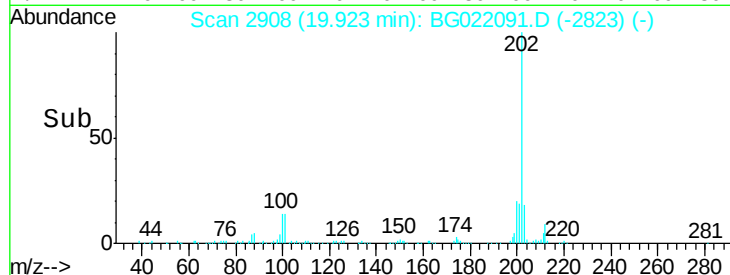
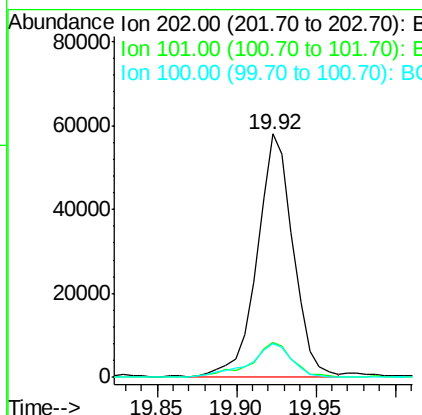
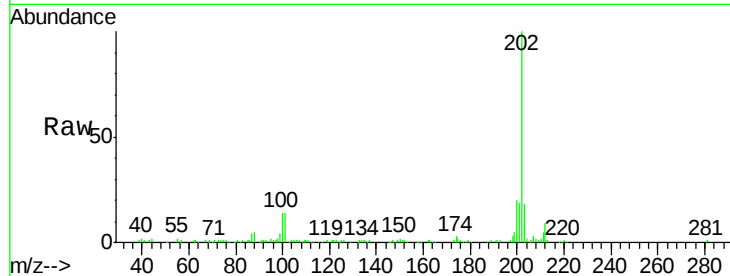
#77
Pvrene
Concen: 6.60 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampleId :
BCZJ4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.4	12.5	18.7		
100	14.1	10.2	15.4		

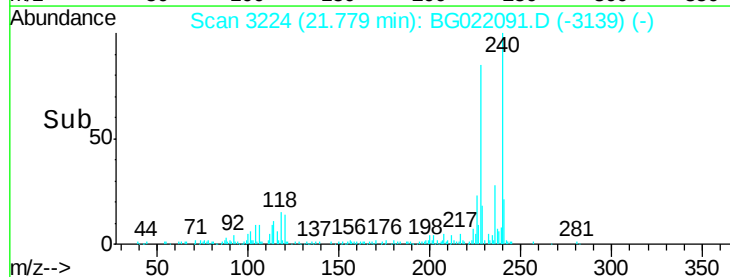
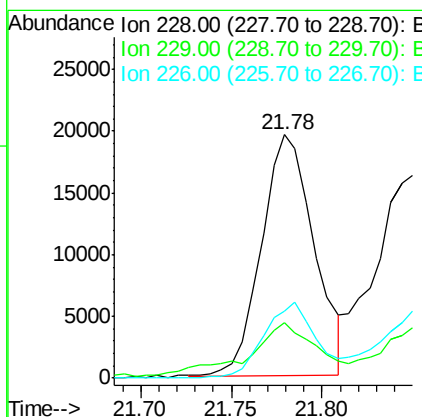
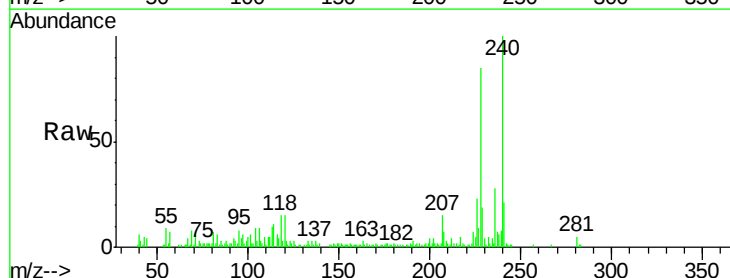
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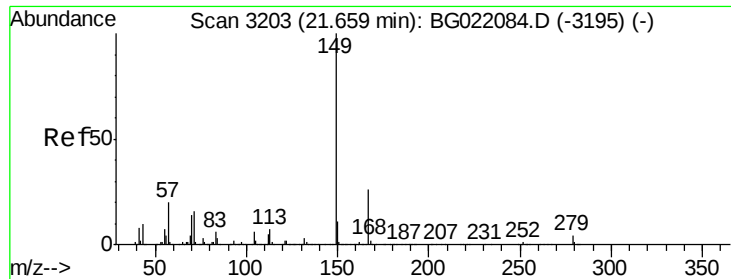
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#80
Benzo(a)anthracene
Concen: 3.47 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	22.6	15.4	23.2		
226	27.3	22.8	34.2		





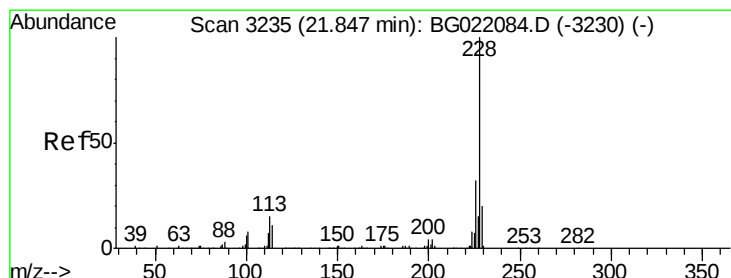
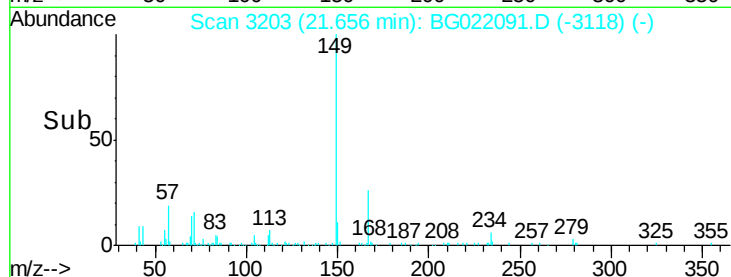
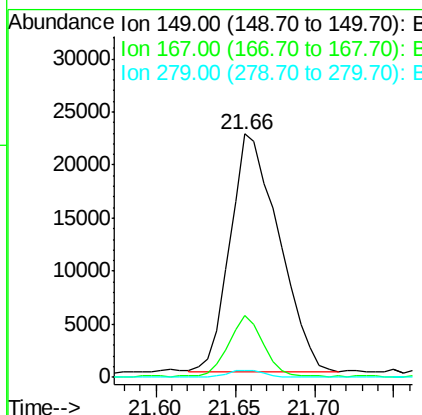
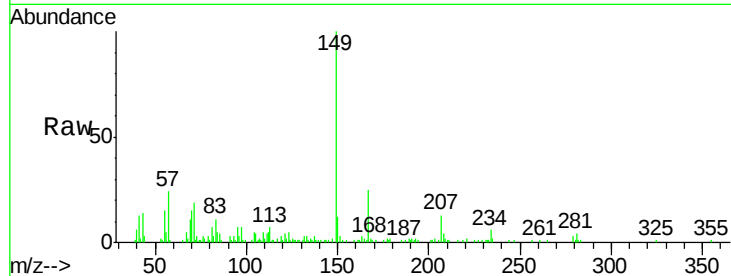
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 5.18 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG022091.D
 Acq: 26 May 2016 21:48

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ4

Tot Ion	Ratio	Resp	Lower	Upper
149	100	48038		
167	25.4		21.9	32.9
279	2.6		2.9	4.3#

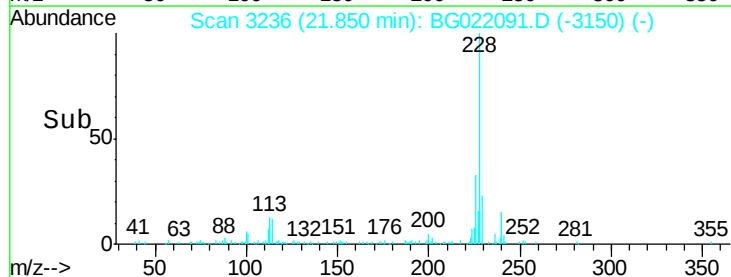
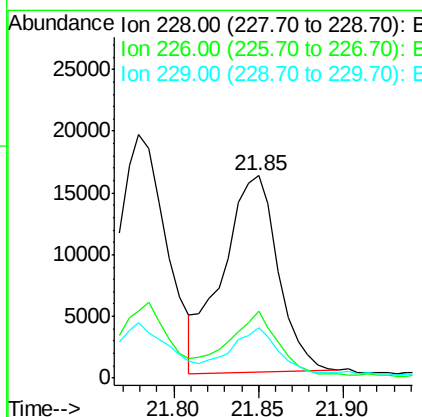
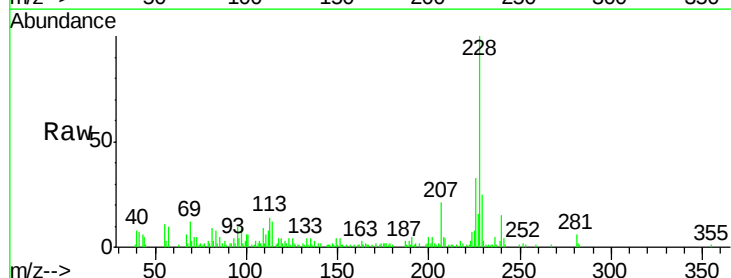
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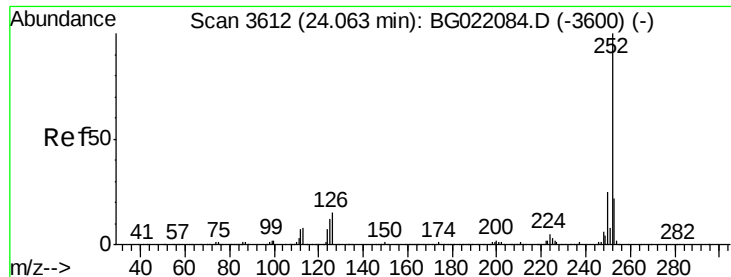
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#82
 Chrysene
 Concen: 3.29 ng/ul
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: BG022091.D
 Acq: 26 May 2016 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	36209		
226	32.9		24.2	36.4
229	24.8		15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 4.21 ng/ul

RT: 24.06 min Scan# 3613

Delta R.T. 0.00 min

Lab File: BG022091.D

Acq: 26 May 2016 21:48

Instrument :

BNA_G

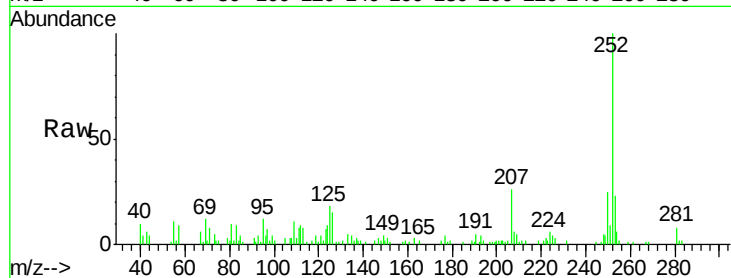
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BCZJ4

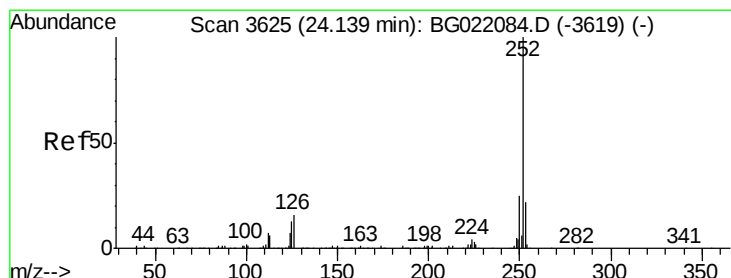
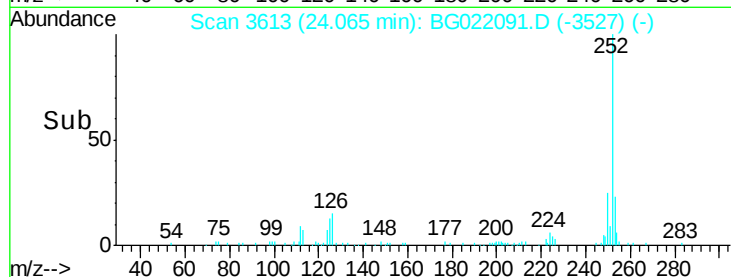
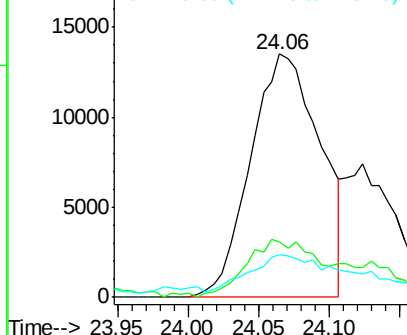
Tot Ion:	252	Resp:	46402
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	17.6	10.8	16.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 1.78 ng/ul m

RT: 24.12 min Scan# 3623

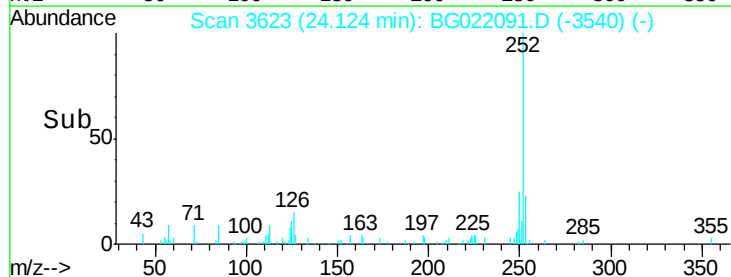
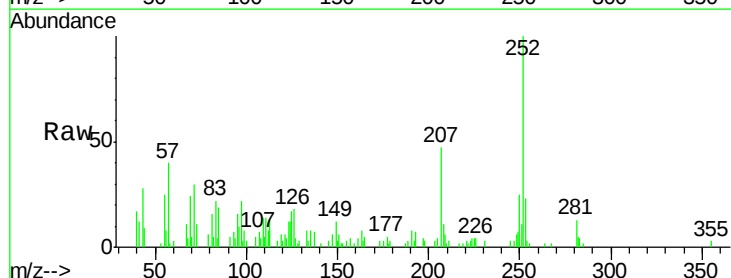
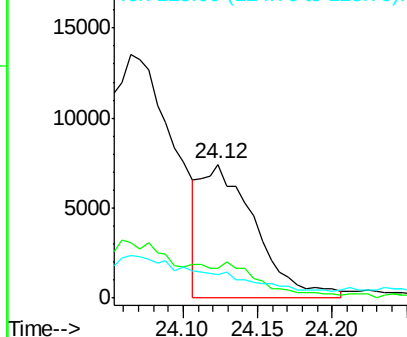
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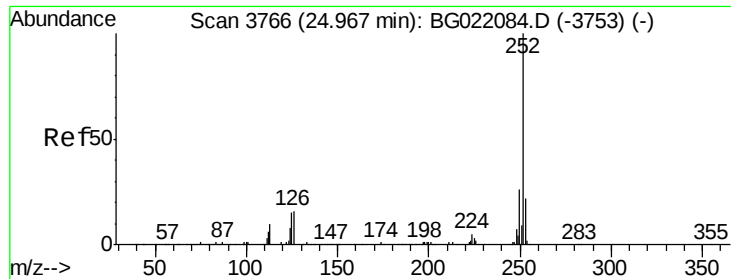
Lab File: BG022091.D

Acq: 26 May 2016 21:48

Tgt Ion:	252	Resp:	19137
Ion Ratio	Lower	Upper	
252	100		
253	22.5	15.8	23.6
125	17.2	10.6	16.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





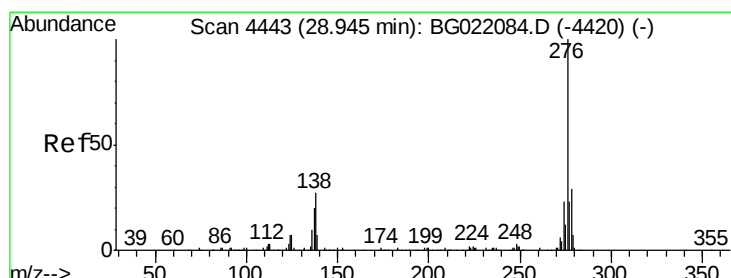
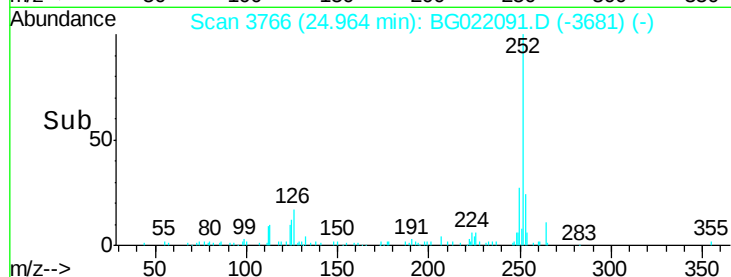
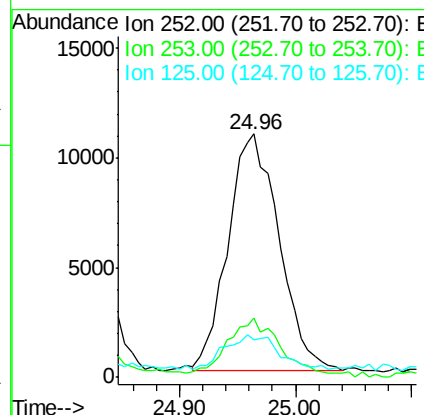
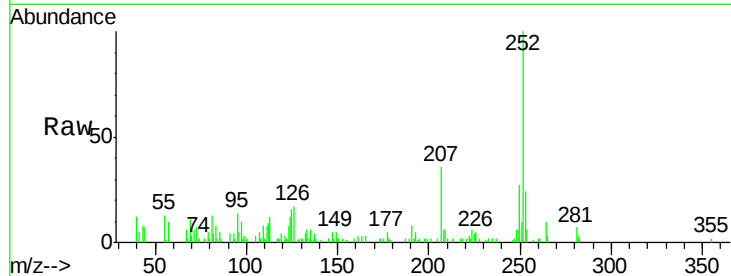
#88
Benzo(a)pyrene
Concen: 3.12 ng/ul
RT: 24.96 min Scan# 3766
Delta R.T. -0.00 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Instrument :
BNA_G
ClientSampled :
BCZJ4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	15.6	12.0	18.0

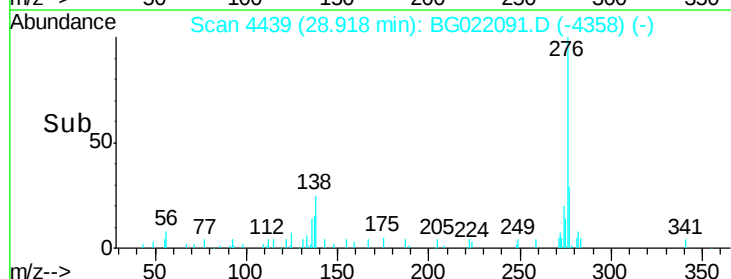
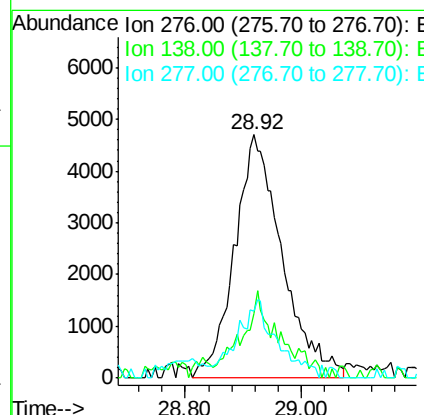
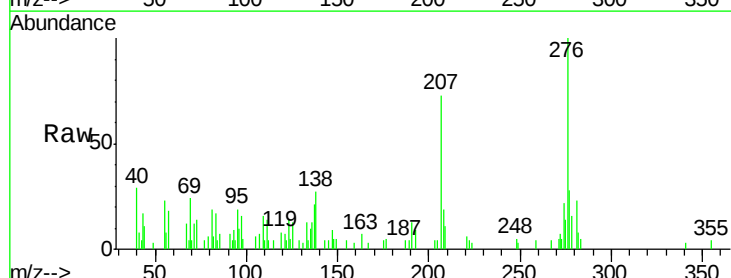
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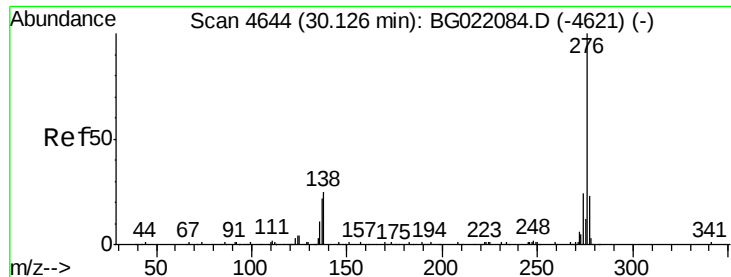
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.19 ng/ul m
RT: 28.92 min Scan# 4439
Delta R.T. -0.03 min
Lab File: BG022091.D
Acq: 26 May 2016 21:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.8	31.2
277	27.6	17.6	26.4#





#91
 Benzo(a,h,i)perylene
 Concen: 2.41 ng/ul m
 RT: 30.10 min Scan# 4640
 Delta R.T. -0.03 min
 Lab File: BG022091.D
 Acq: 26 May 2016 21:48

Instrument :
 BNA_G
 ClientSampleId :
 BCZJ4

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	22.1	33.1
277	19.1	17.0	25.4

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