

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021833.D
 Acq On : 11 May 2016 2:02
 Operator : UM/SJ
 Sample : H2937-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X84

Manual Integrations
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Quant Time: May 16 06:12:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	86329	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	443971	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	256464	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	517250	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	517937	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	516306	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	6771	3.79	ng/uL	0.00
5) Phenol-d5	7.33	99	145017	22.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	66974	21.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	128700	25.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	131019m	24.35	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	63997	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	65581	35.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	131339m	25.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	137388m	24.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	399013	22.15	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	556555	21.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	62328m	20.19	ng/ul	0.00
58) Fluorene-d10	15.79	176	369245	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	38538	26.90	ng/ul	0.00
71) Anthracene-d10	17.64	188	505332	20.07	ng/ul	0.00
77) Pyrene-d10	19.92	212	530648	21.89	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	494618	20.16	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	14.25	163	69864	3.81	ng/ul	96
70) Phenanthrene	17.59	178	41102	1.45	ng/ul	98
75) Fluoranthene	19.59	202	81526	2.54	ng/ul#	94
78) Pyrene	19.95	202	83232m	2.78	ng/ul	
81) Benzo(a)anthracene	21.81	228	52782m	1.83	ng/ul	
82) Bis(2-ethylhexyl)phthalate	21.70	149	31028	2.87	ng/ul#	98
83) Chrysene	21.87	228	53257	1.87	ng/ul#	95
85) Di-n-octyl phthalate	22.95	149	31200	1.47	ng/ul	100
86) Benzo(b)fluoranthene	24.11	252	91119	3.08	ng/ul#	92
89) Benzo(a)pyrene	25.00	252	50762	1.73	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	28.99	276	38131m	1.09	ng/ul	
92) Benzo(g,h,i)perylene	30.19	276	36127m	1.26	ng/ul	

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

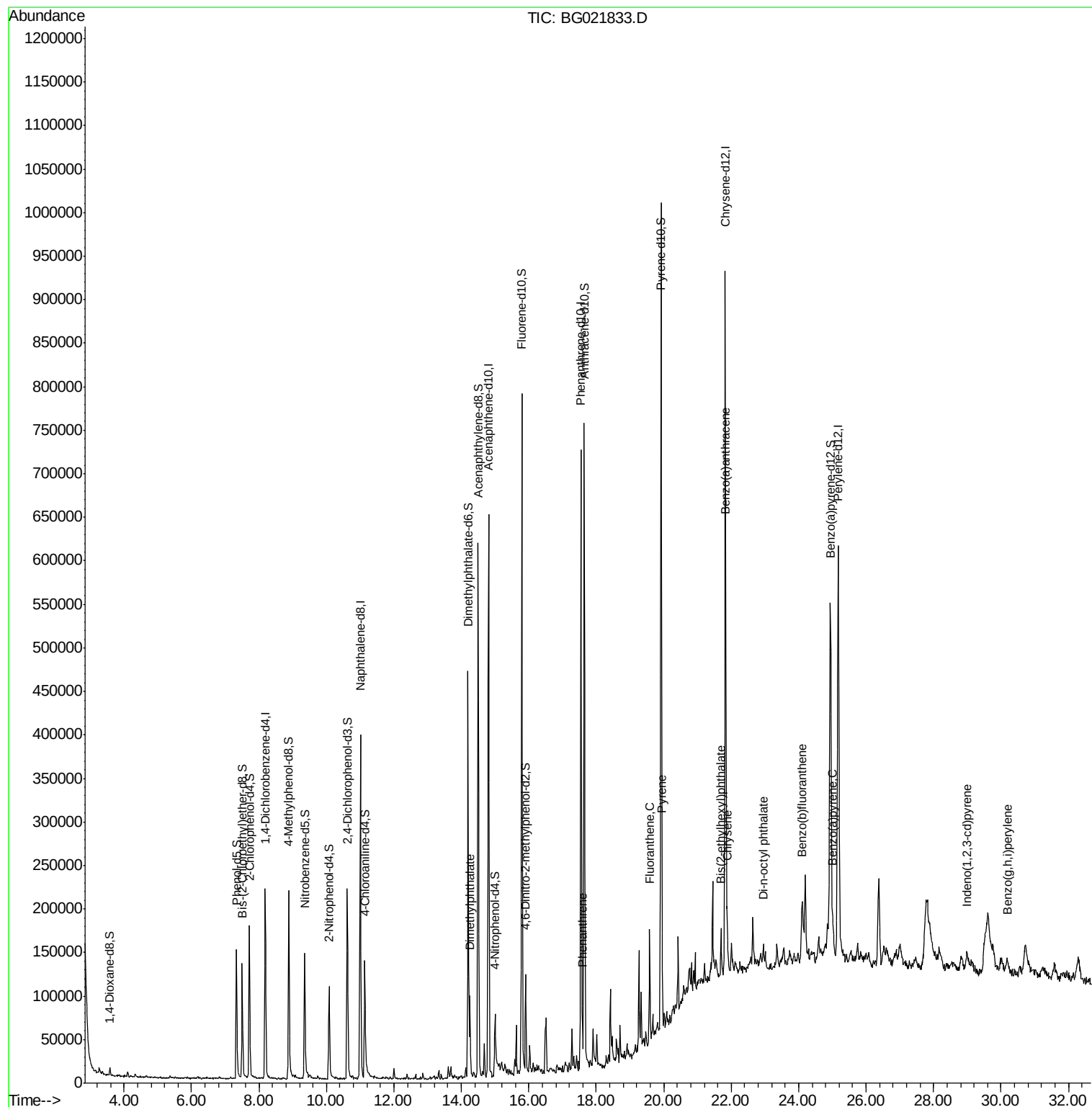
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021833.D
Acq On : 11 May 2016 2:02
Operator : UM/SJ
Sample : H2937-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

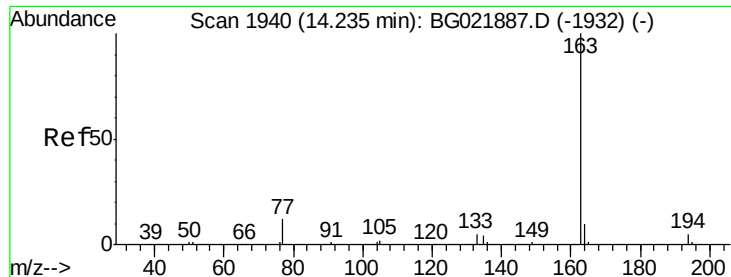
Instrument :
BNA_G
ClientSampleId :
D9X84

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Quant Time: May 16 06:12:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 3.81 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG021833.D

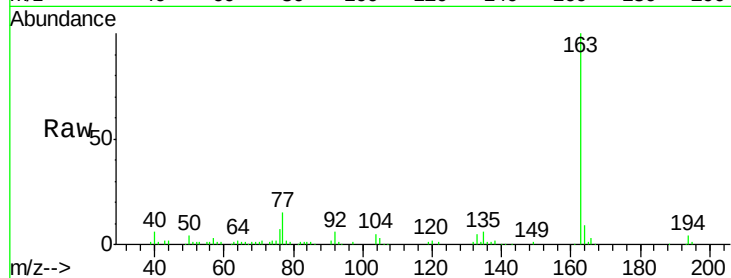
Acq: 11 May 2016 2:02

Instrument :

BNA_G

ClientSampleId :

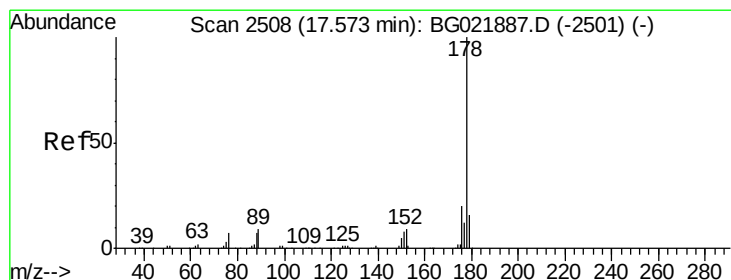
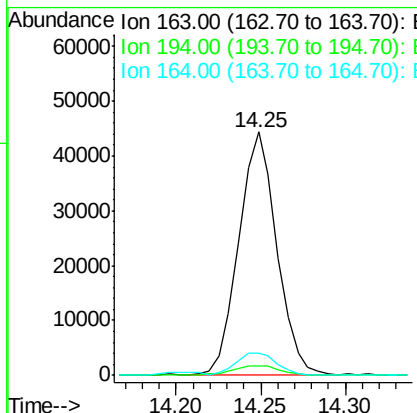
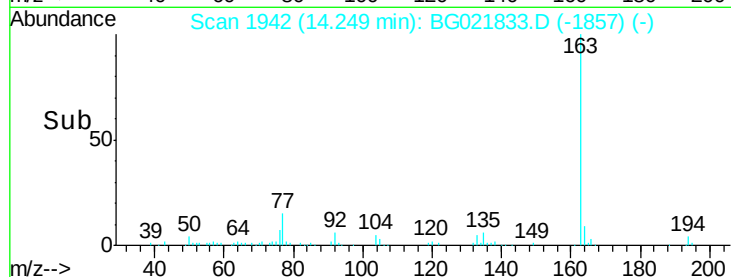
D9X84



Tgt Ion:	163	Resp:	69864
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.9	5.9
164	9.3	8.7	13.1

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#70

Phenanthrene

Concen: 1.45 ng/ul

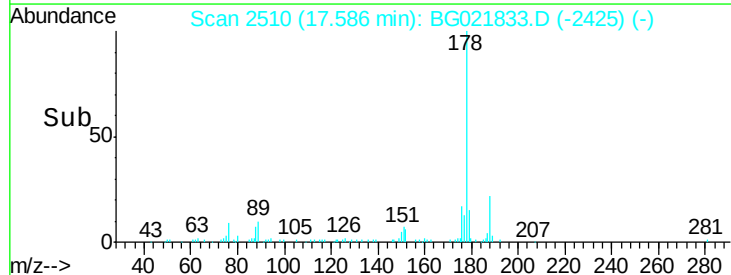
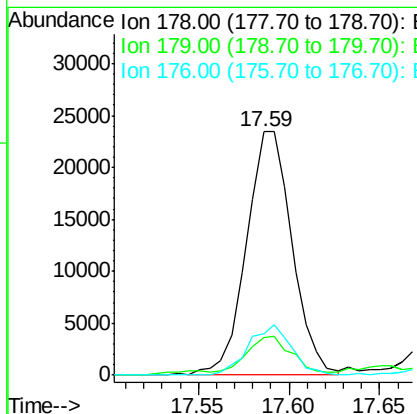
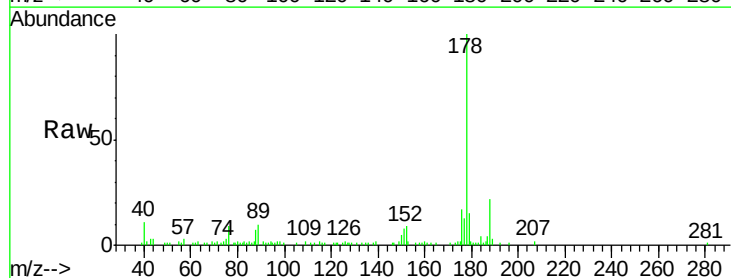
RT: 17.59 min Scan# 2510

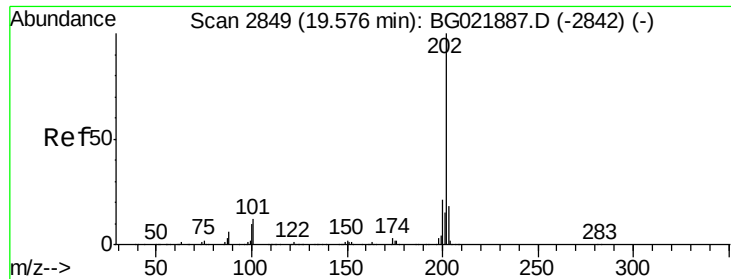
Delta R.T. 0.00 min

Lab File: BG021833.D

Acq: 11 May 2016 2:02

Tgt Ion:	178	Resp:	41102
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.8	17.8
176	16.9	14.8	22.2





#75

Fluoranthene

Concen: 2.54 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BG021833.D

Acq: 11 May 2016 2:02

Instrument :

BNA_G

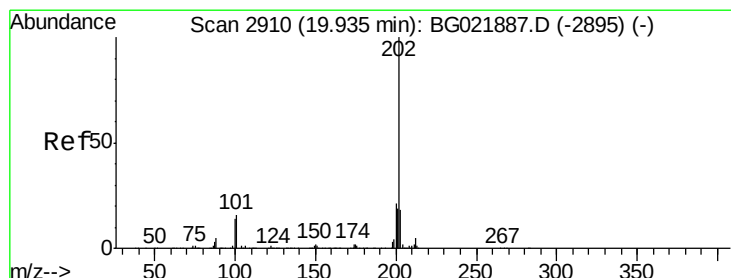
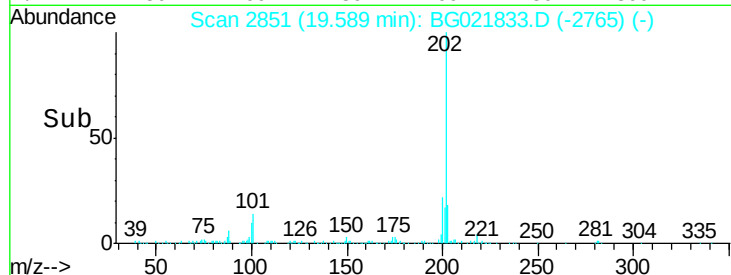
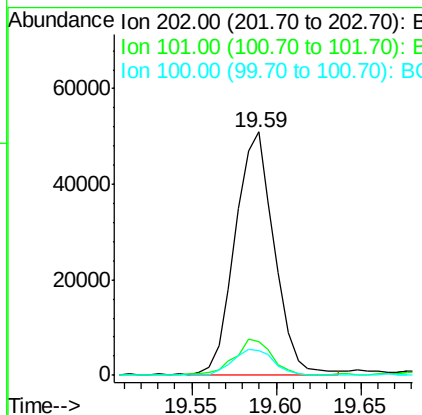
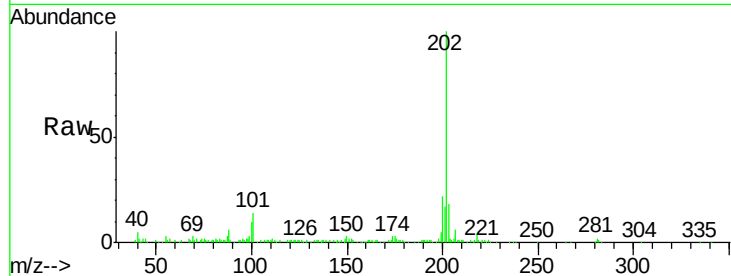
ClientSampleId :

D9X84

Tgt Ion:	202	Resp:	81526
Ion Ratio	Lower	Upper	
202	100		
101	13.8	8.9	13.3#
100	10.3	7.0	10.4

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#78

Pyrene

Concen: 2.78 ng/ul m

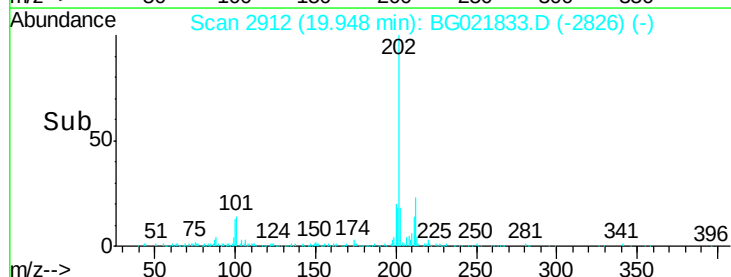
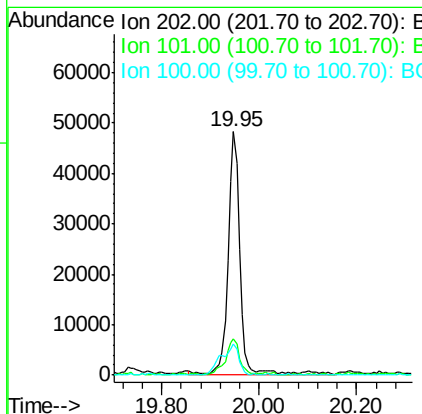
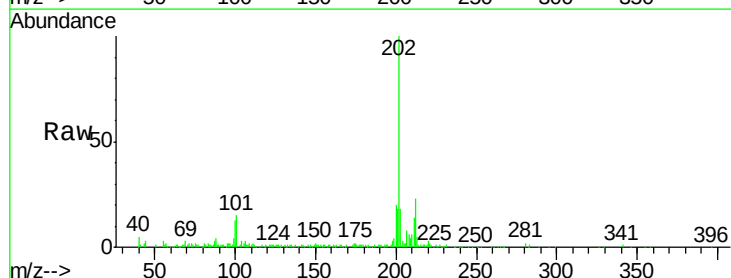
RT: 19.95 min Scan# 2912

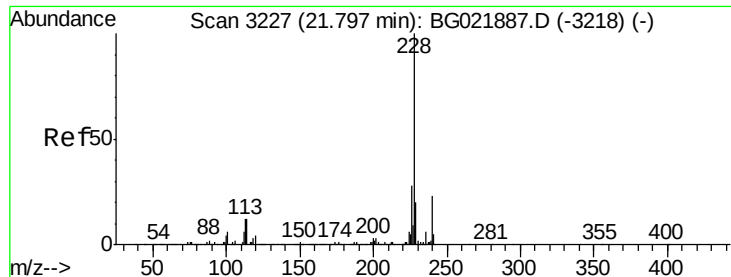
Delta R.T. 0.01 min

Lab File: BG021833.D

Acq: 11 May 2016 2:02

Tgt Ion:	202	Resp:	83232
Ion Ratio	Lower	Upper	
202	100		
101	14.8	9.8	14.8#
100	12.9	9.3	13.9





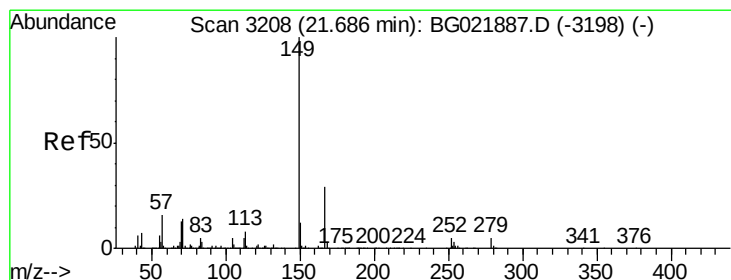
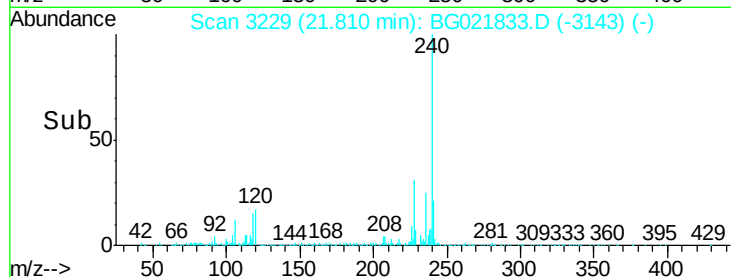
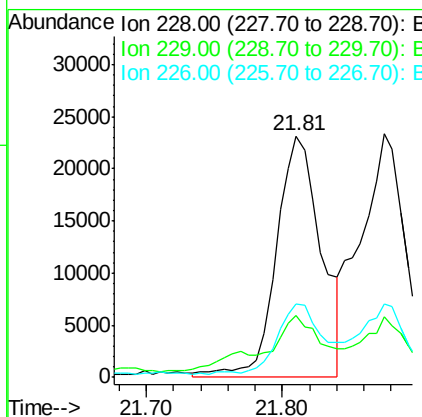
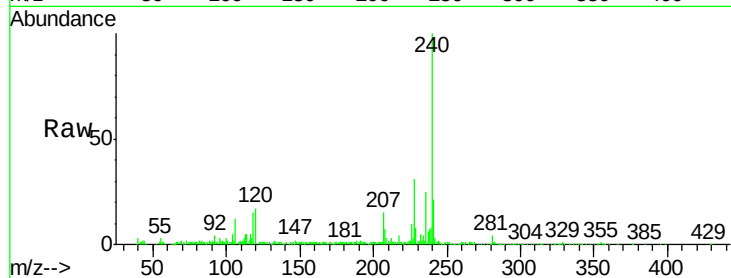
#81
Benzo(a)anthracene
Concen: 1.83 ng/ul m
RT: 21.81 min Scan# 3229
Delta R.T. 0.01 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.7	16.6	25.0#
226	30.6	21.0	31.4

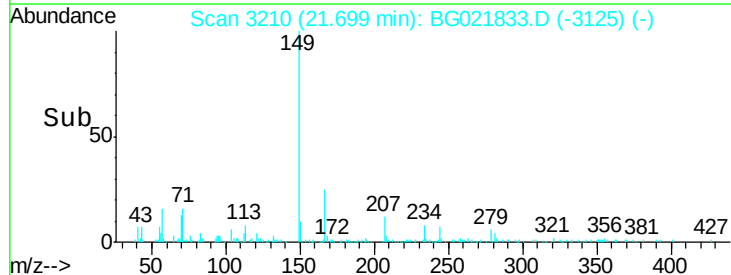
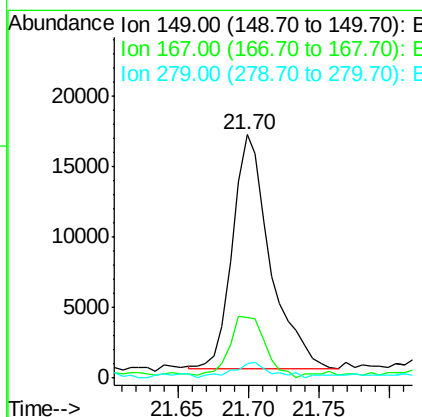
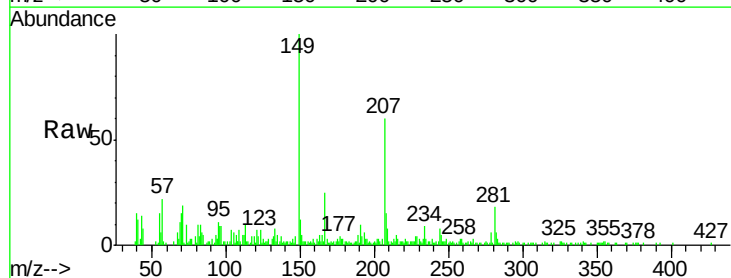
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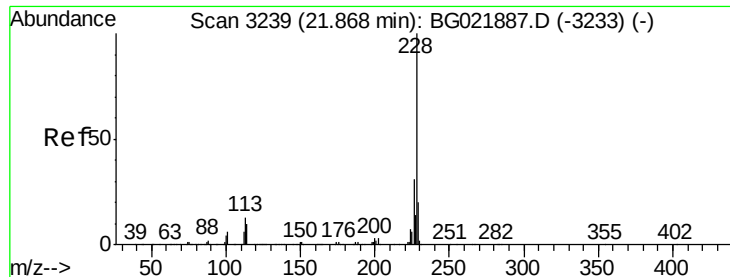
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#82
Bis(2-ethylhexyl)phthalate
Concen: 2.87 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.5	30.7
279	5.8	3.7	5.5#





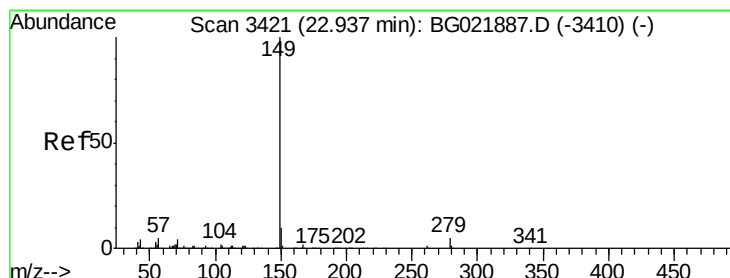
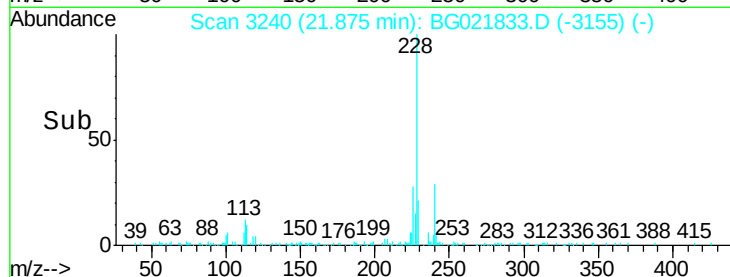
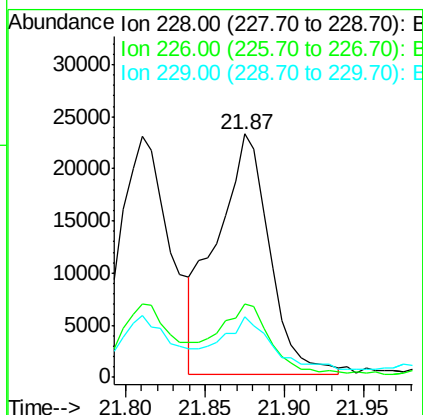
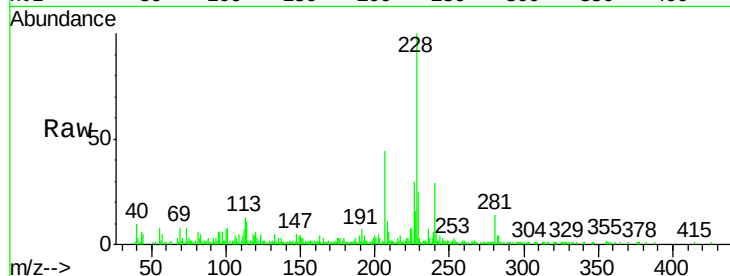
#83
Chrysene
Concen: 1.87 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	24.6	16.2	24.2

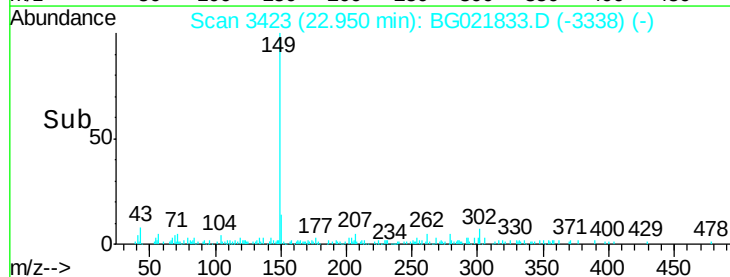
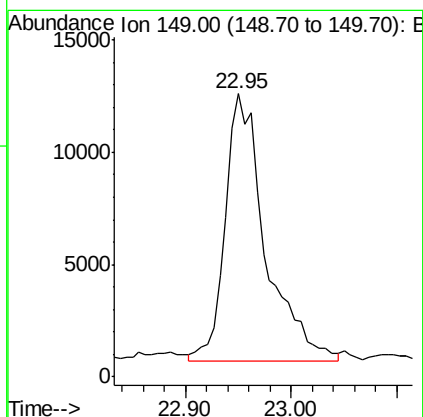
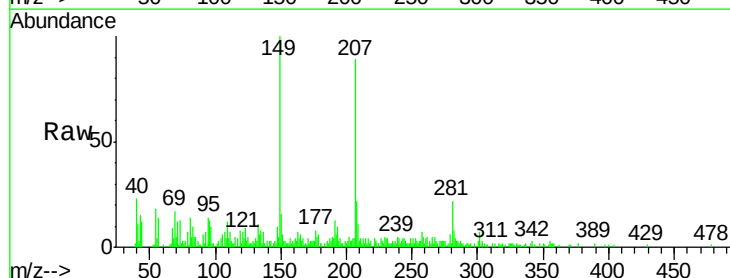
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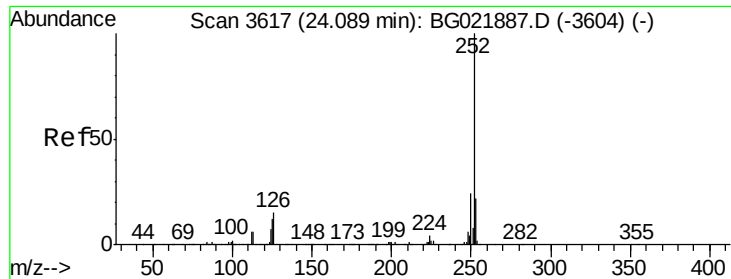
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#85
Di-n-octyl phthalate
Concen: 1.47 ng/ul
RT: 22.95 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion:149 Resp: 31200





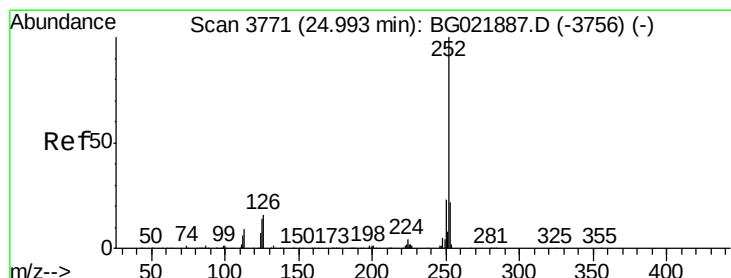
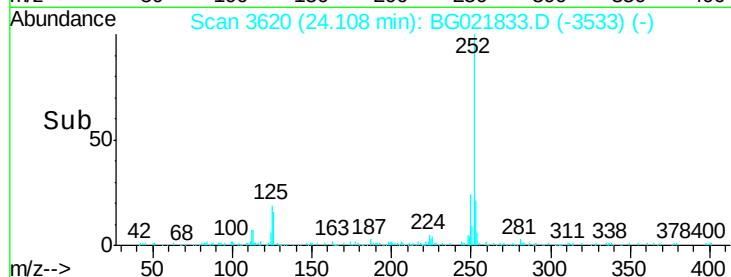
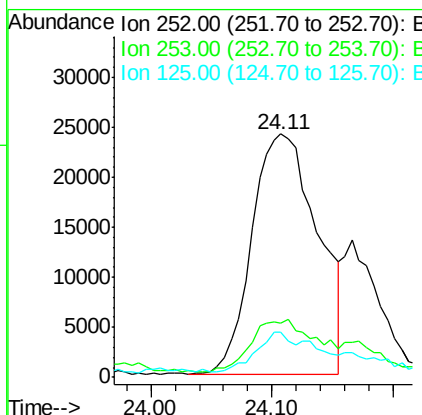
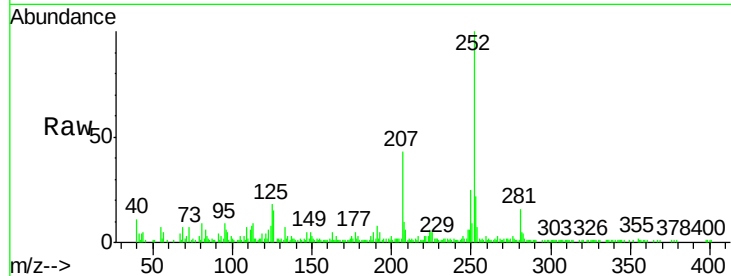
#86
Benzo(b)fluoranthene
Concen: 3.08 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.01 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Instrument :
BNA_G
ClientSampleId :
D9X84

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	18.1	27.1
125	18.4	7.6	11.4

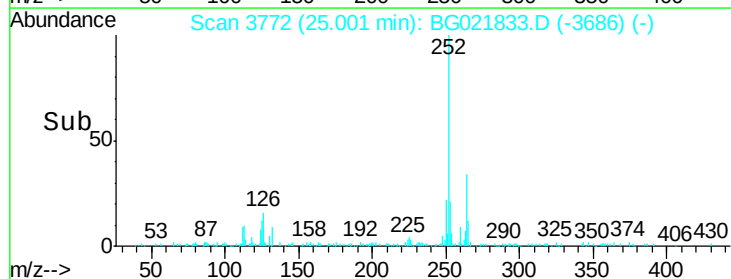
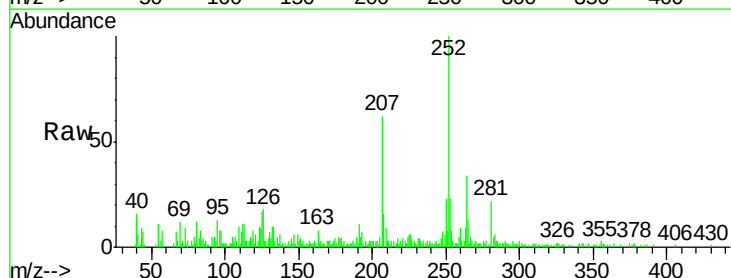
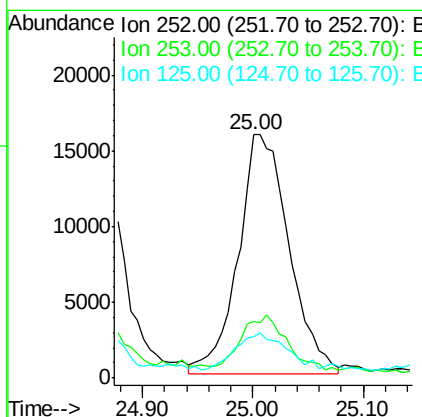
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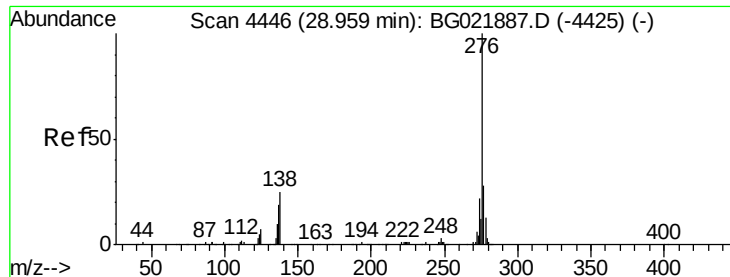
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#89
Benzo(a)pyrene
Concen: 1.73 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021833.D
Acq: 11 May 2016 2:02

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.4	26.0
125	16.9	8.2	12.2





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.09 ng/ul m

RT: 28.99 min Scan# 4451

Delta R.T. 0.03 min

Lab File: BG021833.D

Acq: 11 May 2016 2:02

Instrument :

BNA_G

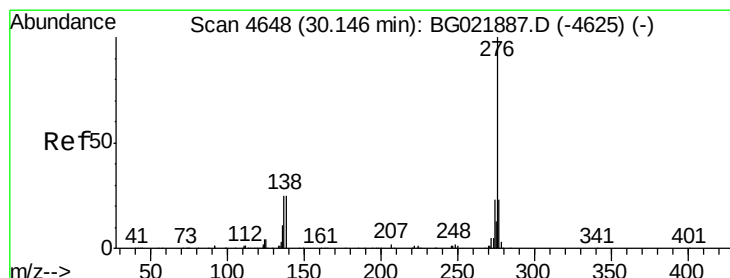
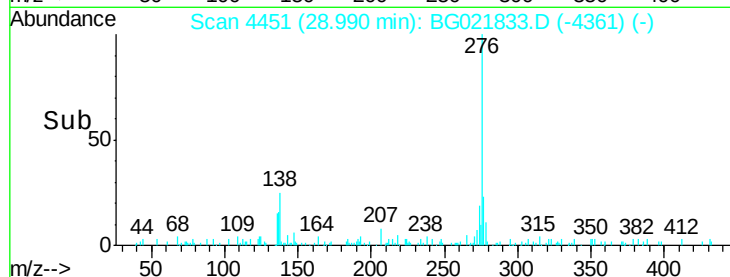
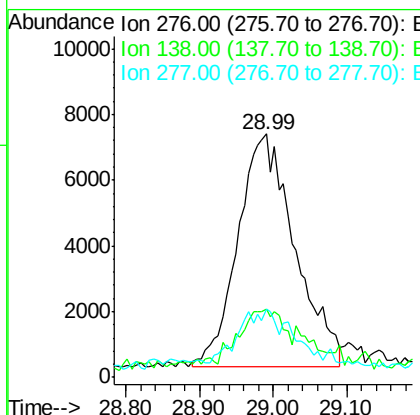
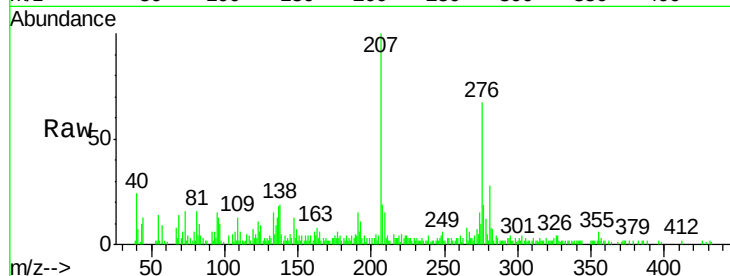
ClientSampleId :

D9X84

Tgt Ion:	276	Resp:	38131
Ion Ratio		Lower	Upper
276	100		
138	28.2	15.8	23.6#
277	28.2	19.0	28.6

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#92

Benzo(g,h,i)perylene

Concen: 1.26 ng/ul m

RT: 30.19 min Scan# 4655

Delta R.T. 0.04 min

Lab File: BG021833.D

Acq: 11 May 2016 2:02

Tgt Ion:	276	Resp:	36127
Ion Ratio		Lower	Upper
276	100		
138	29.7	13.9	20.9#
277	29.7	19.8	29.6#

