

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021923.D
 Acq On : 17 May 2016 2:05
 Operator : UM/SJ
 Sample : H3095-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF2

Manual Integrations
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Quant Time: May 17 04:35:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70275	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	333686	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.79	164	192577	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	394470	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	377920	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	355940	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	3047	2.09	ng/uL	0.00
5) Phenol-d5	7.33	99	70530	13.53	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	32627	12.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	67732	16.73	ng/ul	0.01
13) 4-Methylphenol-d8	8.87	113	46467	10.61	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	33528	15.28	ng/ul	0.01
22) 2-Nitrophenol-d4	10.06	143	36780	26.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	69005	17.61	ng/ul	0.01
29) 4-Chloroaniline-d4	11.12	131	35583m	8.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	223179	16.50	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	301435	15.70	ng/ul	0.01
52) 4-Nitrophenol-d4	15.00	143	27774	11.98	ng/ul	0.02
58) Fluorene-d10	15.79	176	207452	14.57	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.91	200	15827	14.48	ng/ul	0.01
71) Anthracene-d10	17.64	188	285506	14.87	ng/ul	0.00
77) Pyrene-d10	19.92	212	299514	16.93	ng/ul	0.01
88) Benzo(a)pyrene-d12	24.94	264	270322	15.98	ng/ul	0.02

Target Compounds

					Ovalue
34) 2-Methylnaphthalene	12.63	142	19611	1.59	ng/ul 100
45) Dimethylphthalate	14.24	163	62752	4.55	ng/ul 98
70) Phenanthrene	17.59	178	127780	5.93	ng/ul 99
75) Fluoranthene	19.58	202	232329	9.48	ng/ul 97
78) Pyrene	19.95	202	203000m	9.28	ng/ul
79) Butylbenzylphthalate	20.81	149	9190m	1.90	ng/ul
81) Benzo(a)anthracene	21.81	228	98299	4.67	ng/ul 97
82) Bis(2-ethylhexyl)phthalate	21.69	149	35022	4.44	ng/ul# 92
83) Chrysene	21.87	228	98582	4.74	ng/ul 94
86) Benzo(b)fluoranthene	24.11	252	135827	6.67	ng/ul# 93
87) Benzo(k)fluoranthene	24.17	252	63702m	2.92	ng/ul
89) Benzo(a)pyrene	25.02	252	79869	3.94	ng/ul# 88
90) Indeno(1,2,3-cd)pyrene	29.01	276	46253m	1.92	ng/ul
92) Benzo(g,h,i)perylene	30.21	276	49254m	2.48	ng/ul

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

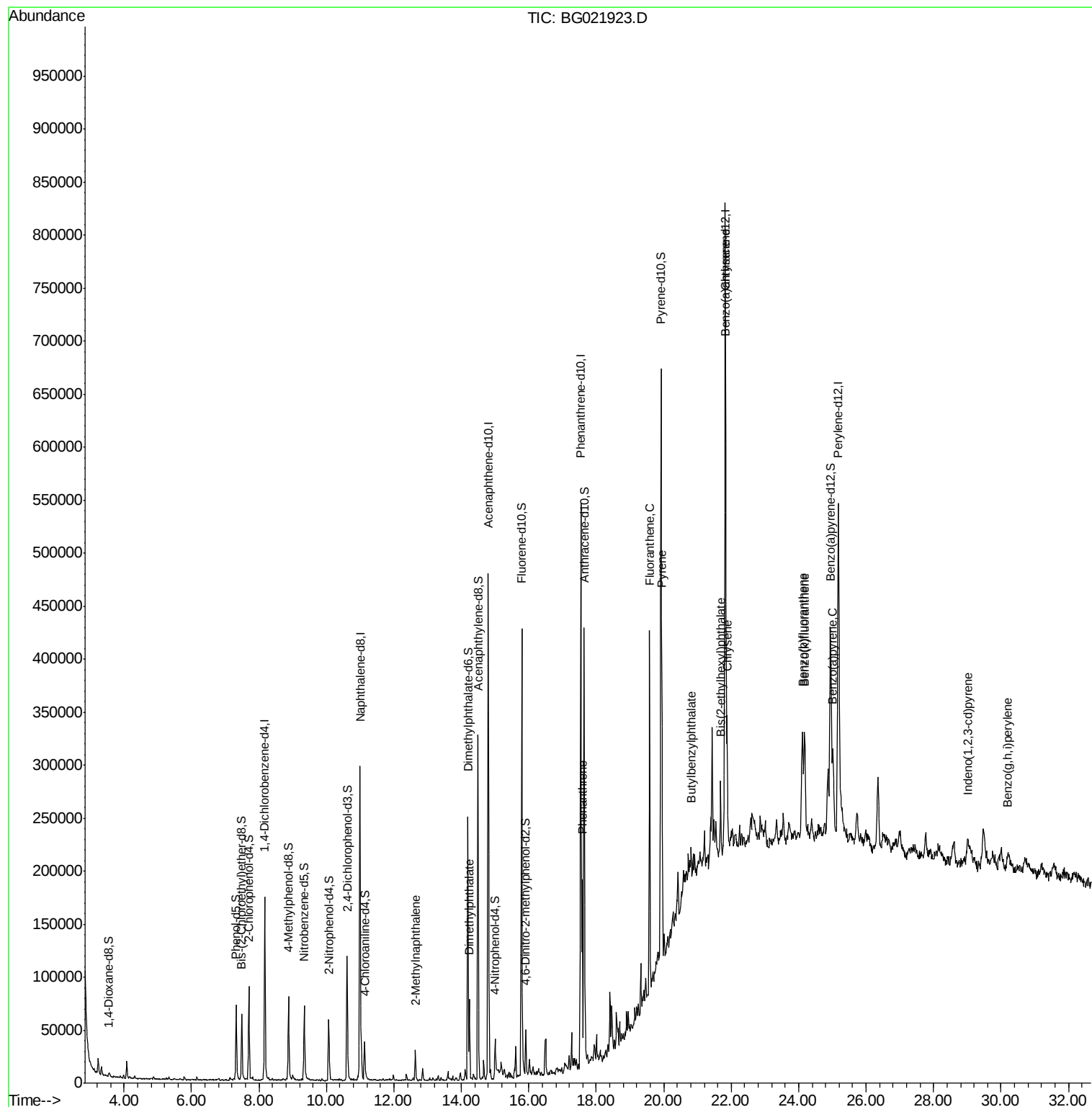
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021923.D
Acq On : 17 May 2016 2:05
Operator : UM/SJ
Sample : H3095-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

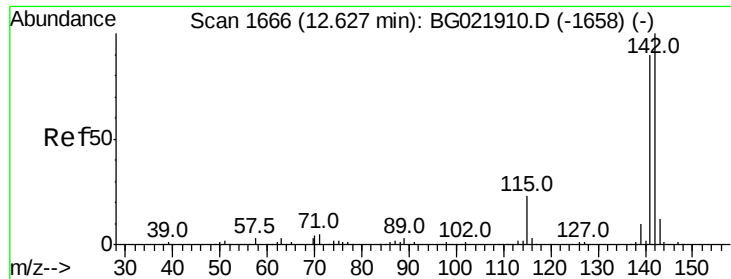
Instrument :
BNA_G
ClientSampled :
D9XF2

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Quant Time: May 17 04:35:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration





#34

2-Methylnaphthalene

Concen: 1.59 ng/ul

RT: 12.63 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG021923.D

Acq: 17 May 2016 2:05

Instrument :

BNA_G

ClientSampleId :

D9XF2

Tot Ion:142 Resp: 19611

Ion Ratio Lower Upper

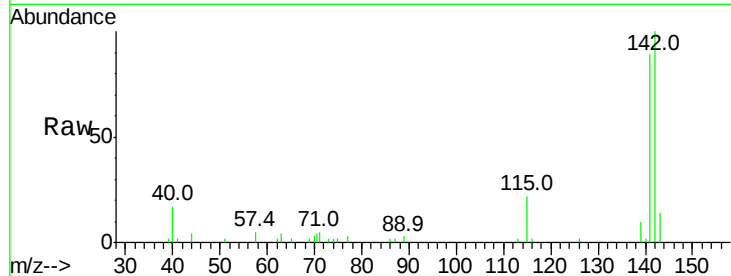
142 100

141 89.0 71.3 106.9

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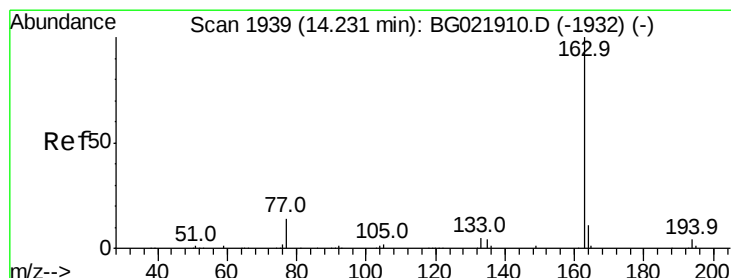
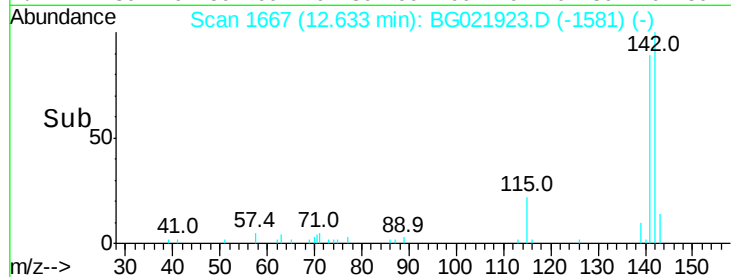
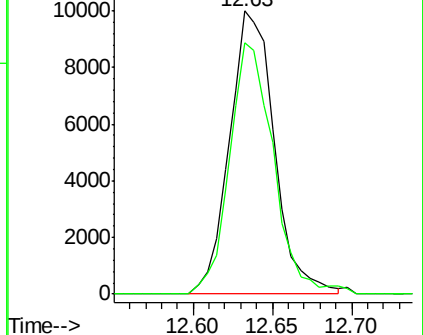
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#45

Dimethylphthalate

Concen: 4.55 ng/ul

RT: 14.24 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BG021923.D

Acq: 17 May 2016 2:05

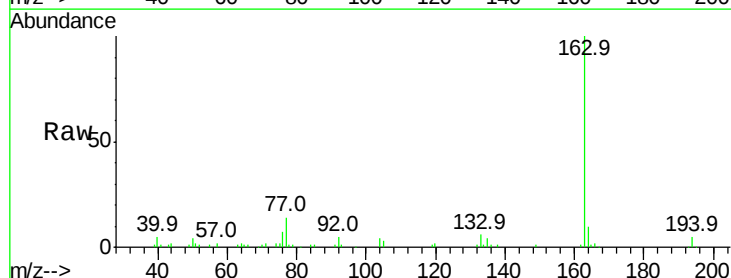
Tgt Ion:163 Resp: 62752

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

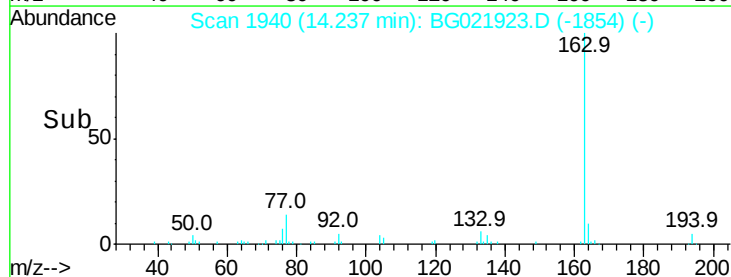
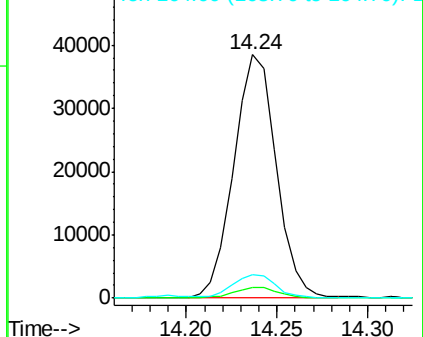
164 9.9 8.7 13.1

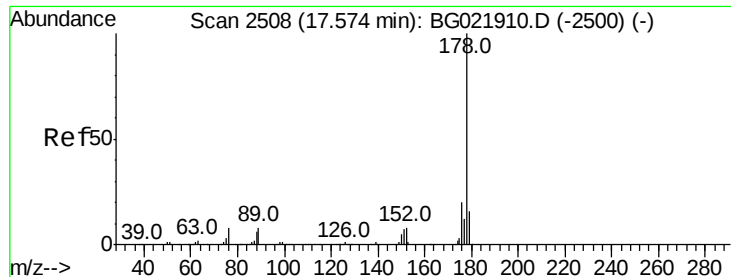


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





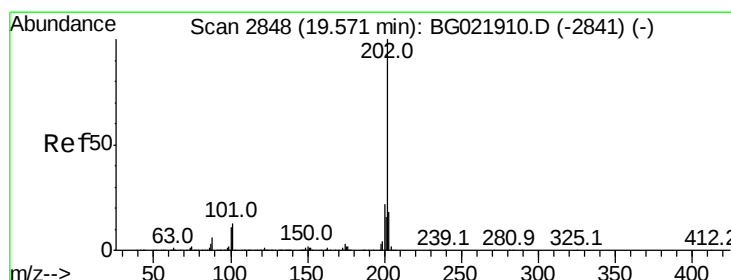
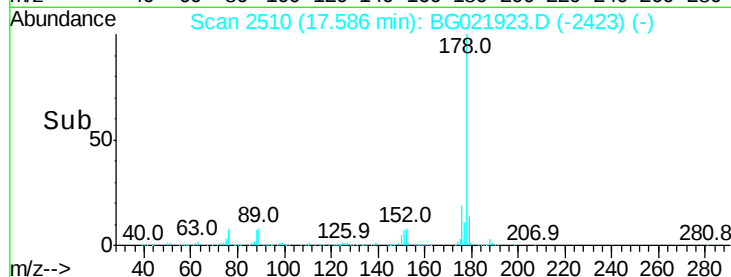
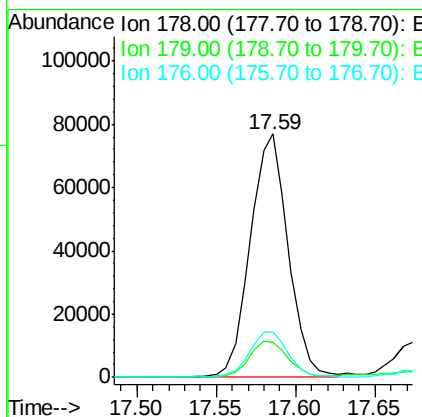
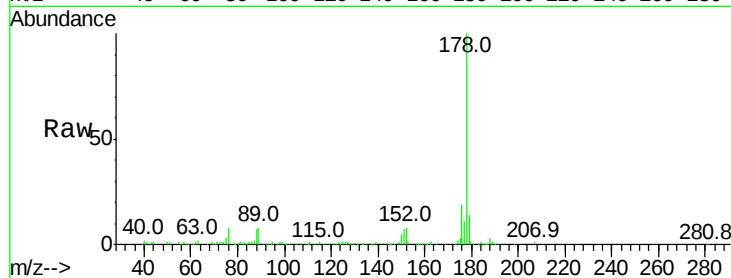
#70
Phenanthrene
Concen: 5.93 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.01 min
Lab File: BG021923.D
Acq: 17 May 2016 2:05

Instrument :
BNA_G
ClientSampleId :
D9XF2

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.8	17.8
176	18.8	14.8	22.2

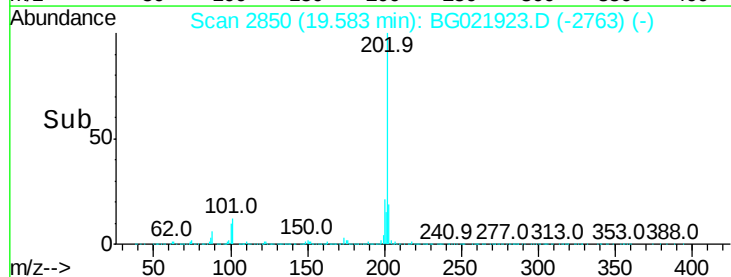
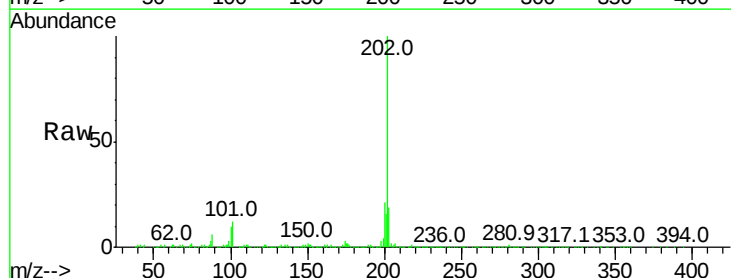
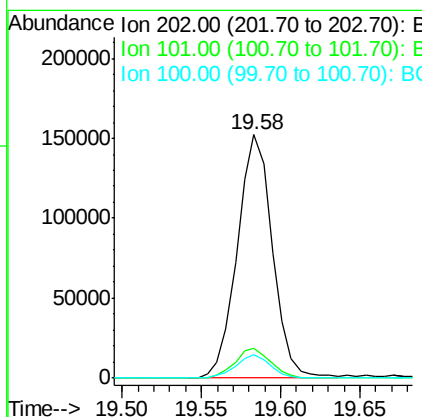
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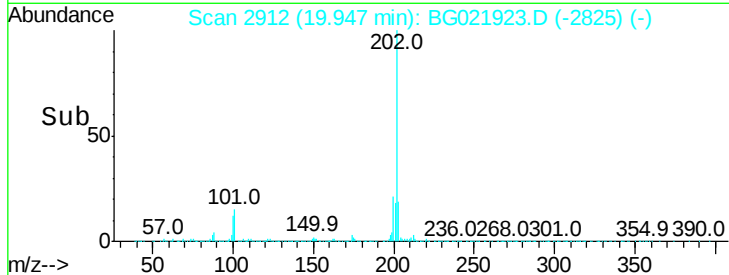
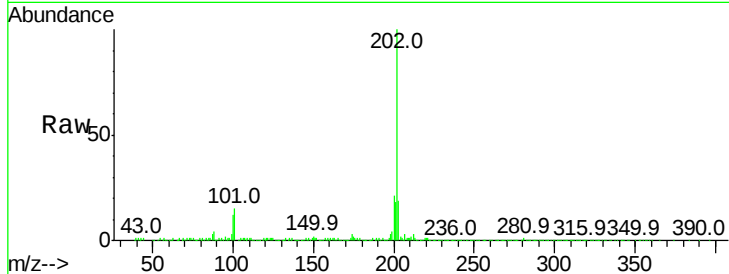
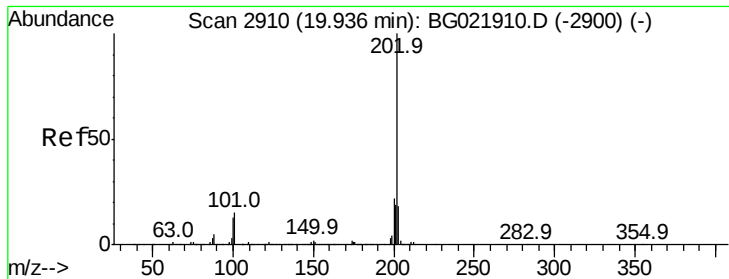
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#75
Fluoranthene
Concen: 9.48 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. 0.01 min
Lab File: BG021923.D
Acq: 17 May 2016 2:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	9.8	7.0	10.4





#78

Pvrene

Concen: 9.28 ng/ul m

RT: 19.95 min Scan# 2912

Delta R.T. 0.01 min

Lab File: BG021923.D

Acq: 17 May 2016 2:05

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	9.8	14.8#
100	11.9	9.3	13.9

Instrument :

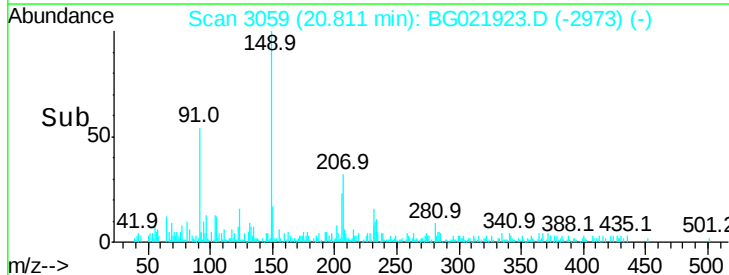
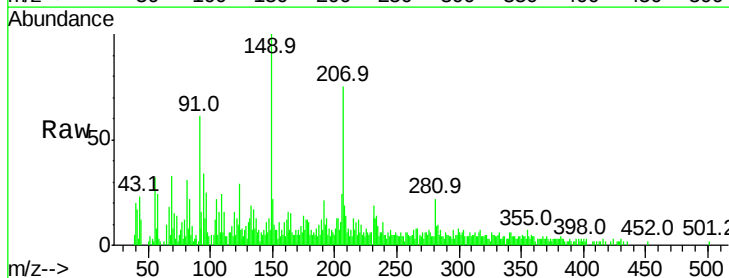
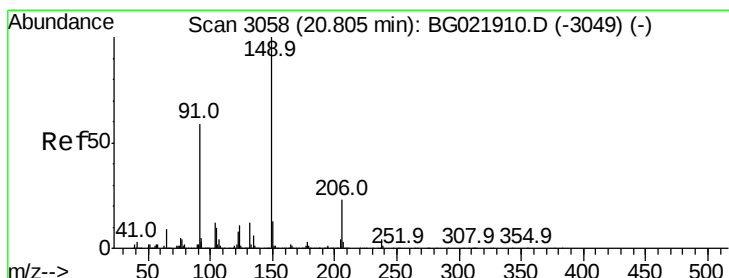
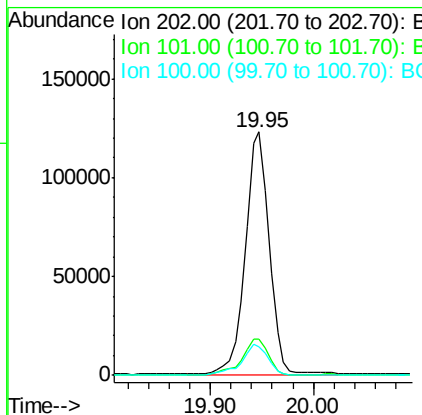
BNA_G

ClientSampleId :

D9XF2

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#79

Butylbenzylphthalate

Concen: 1.90 ng/ul m

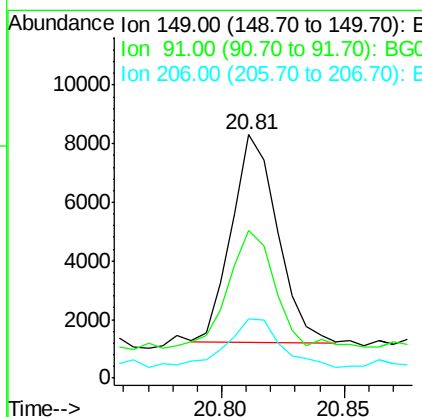
RT: 20.81 min Scan# 3059

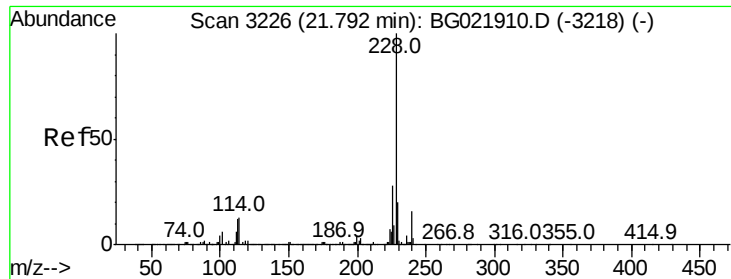
Delta R.T. 0.01 min

Lab File: BG021923.D

Acq: 17 May 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	60.8	65.8	98.8#
206	24.4	15.5	23.3#





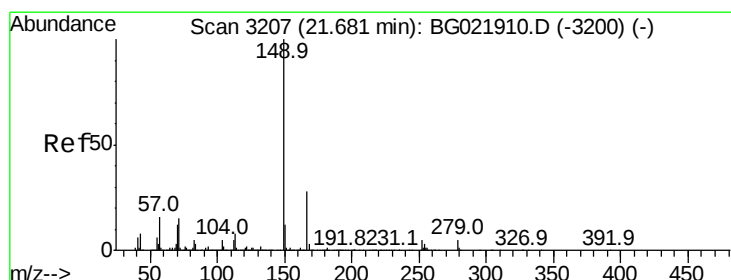
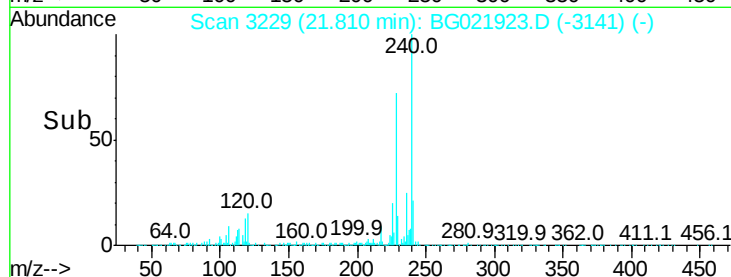
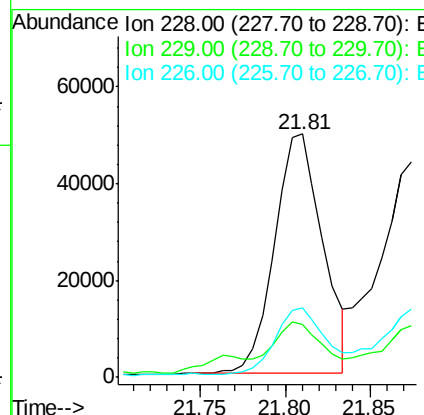
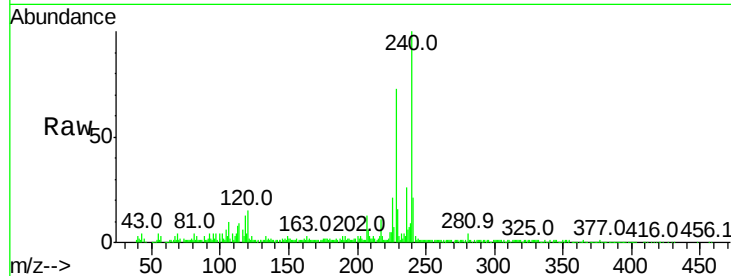
#81
Benzo(a)anthracene
Concen: 4.67 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. 0.02 min
Lab File: BG021923.D
Acq: 17 May 2016 2:05

Instrument :
BNA_G
ClientSampleId :
D9XF2

Tot Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	16.6	25.0
226	28.5	21.0	31.4

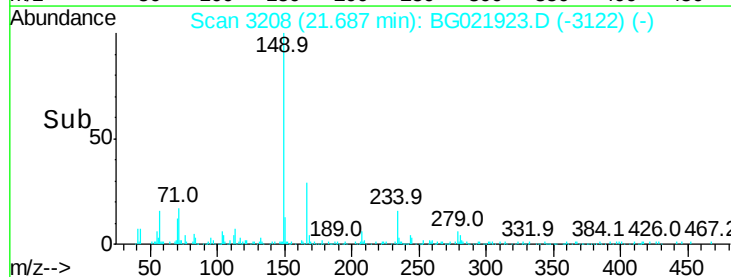
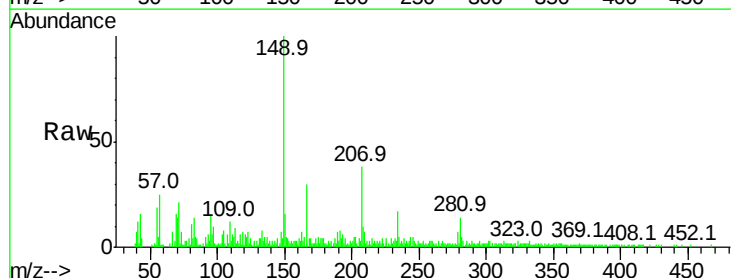
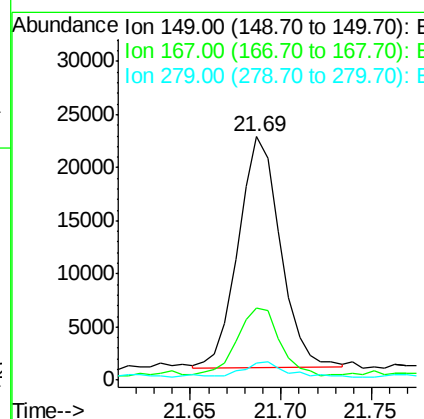
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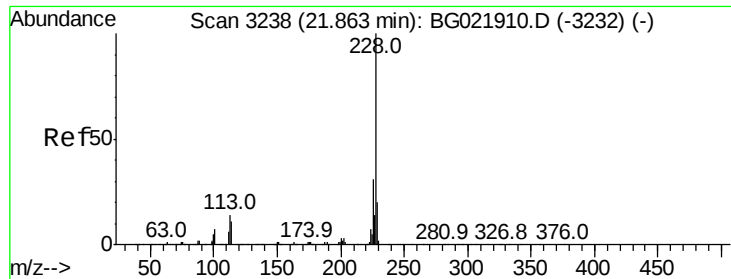
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#82
Bis(2-ethylhexyl)phthalate
Concen: 4.44 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BG021923.D
Acq: 17 May 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	29.6	20.5	30.7
279	6.8	3.7	5.5





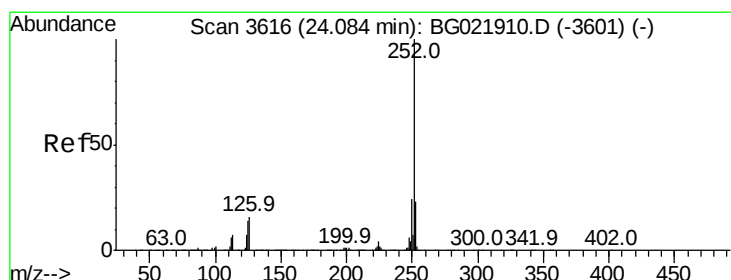
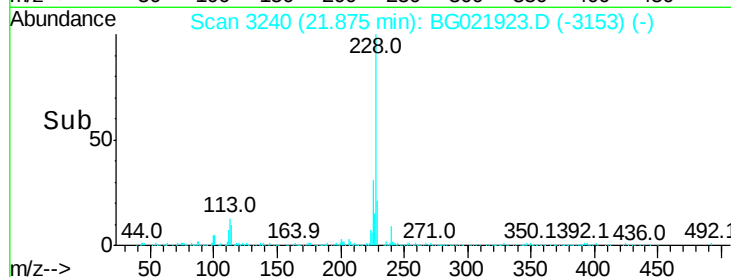
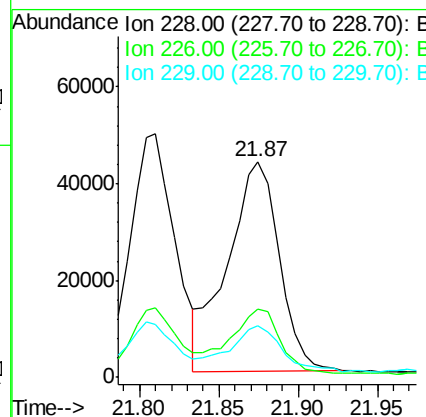
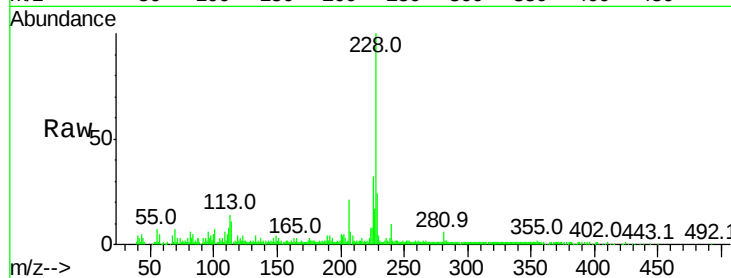
#83
Chrysene
Concen: 4.74 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG021923.D
Acq: 17 May 2016 2:05

Instrument :
BNA_G
ClientSampleId :
D9XF2

Tot Ion:	228	Resp:	98582
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.4	35.2
229	23.7	16.2	24.2

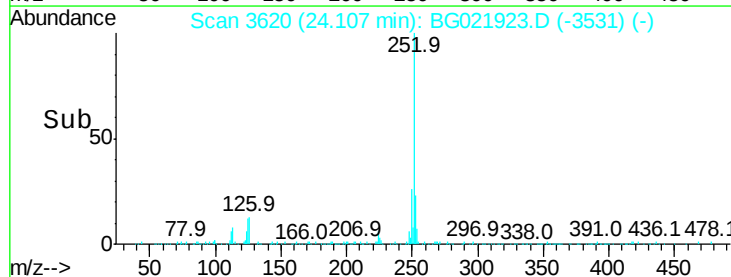
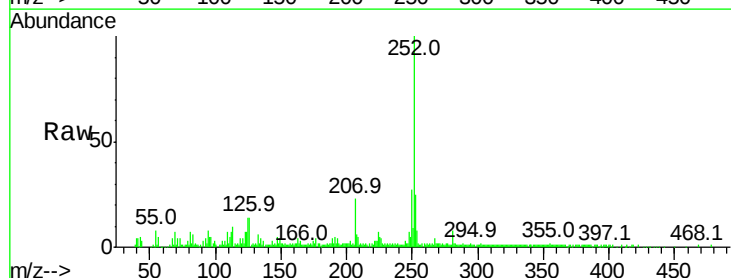
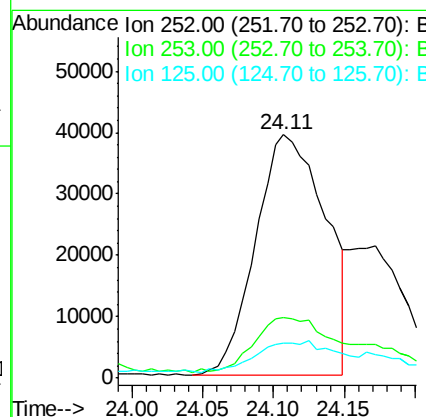
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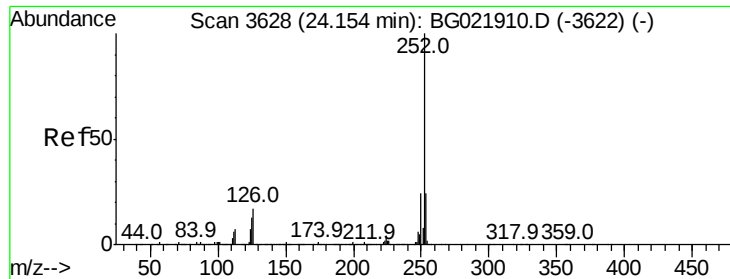
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#86
Benzo(b)fluoranthene
Concen: 6.67 ng/ul
RT: 24.11 min Scan# 3620
Delta R.T. 0.02 min
Lab File: BG021923.D
Acq: 17 May 2016 2:05

Tgt Ion:	252	Resp:	135827
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.1	27.1
125	14.4	7.6	11.4#





#87

Benzo(k)fluoranthene

Concen: 2.92 ng/ul m

RT: 24.17 min Scan# 3631

Delta R.T. 0.02 min

Lab File: BG021923.D

Acq: 17 May 2016 2:05

Instrument :

BNA_G

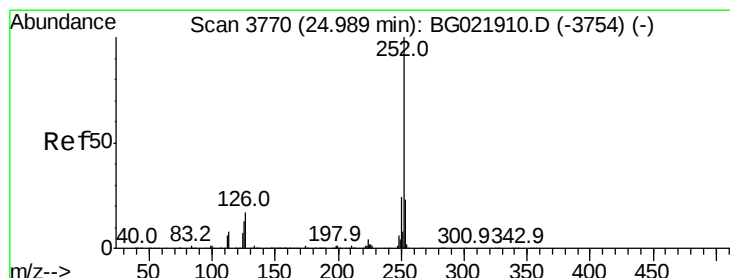
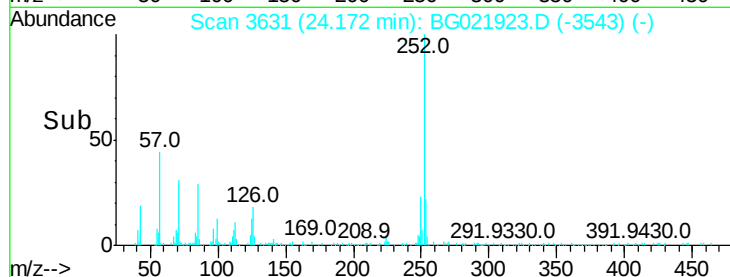
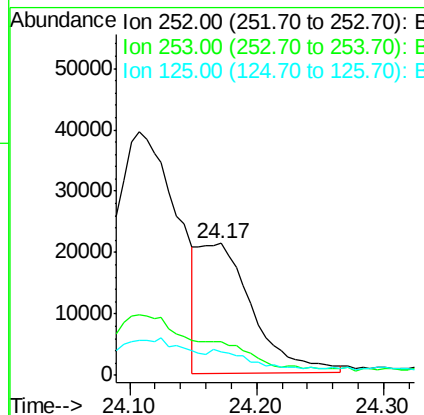
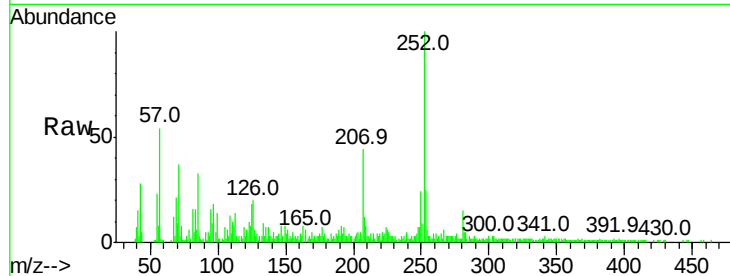
ClientSampleId :

D9XF2

Tot Ion:	252	Resp:	63702
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.8	26.8
125	18.2	7.7	11.5#

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#89

Benzo(a)pyrene

Concen: 3.94 ng/ul

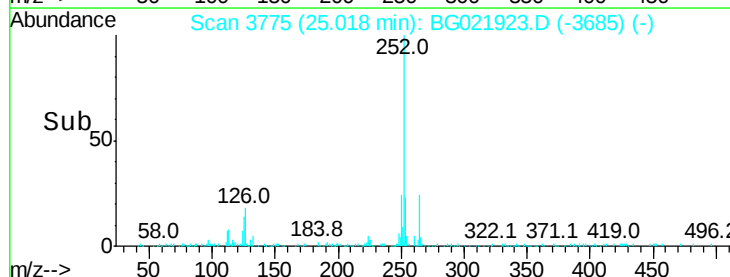
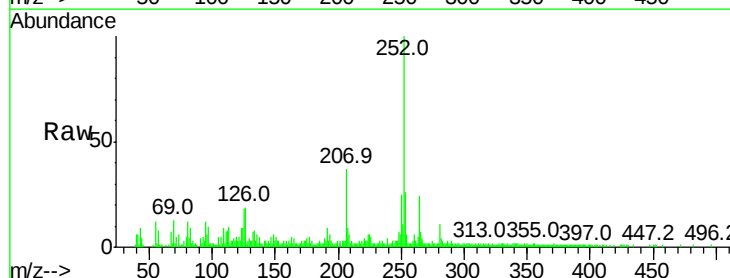
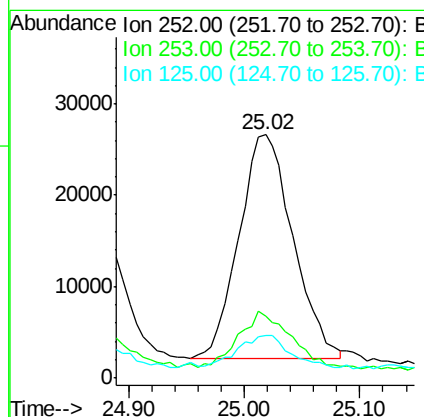
RT: 25.02 min Scan# 3775

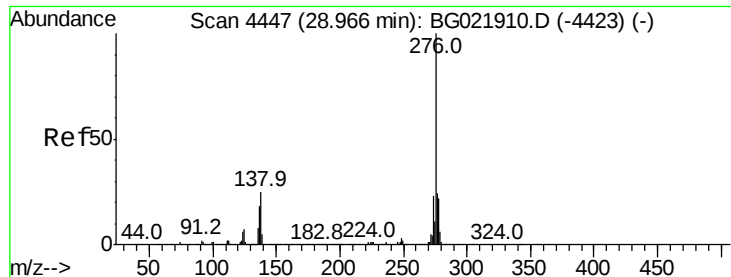
Delta R.T. 0.03 min

Lab File: BG021923.D

Acq: 17 May 2016 2:05

Tgt Ion:	252	Resp:	79869
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.4	26.0
125	17.6	8.2	12.2#





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.92 ng/ul m

RT: 29.01 min Scan# 4455

Delta R.T. 0.05 min

Lab File: BG021923.D

Acq: 17 May 2016 2:05

Instrument :

BNA_G

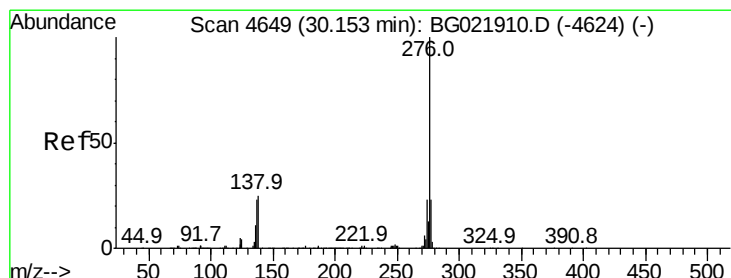
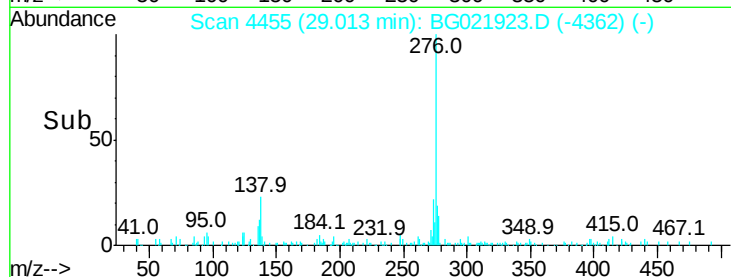
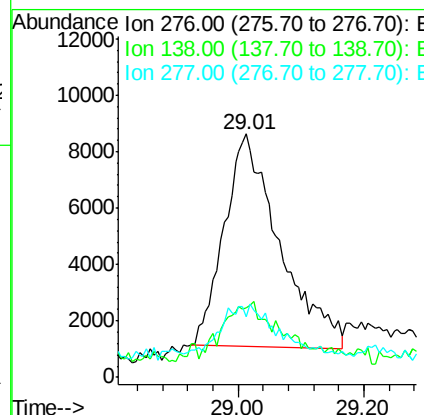
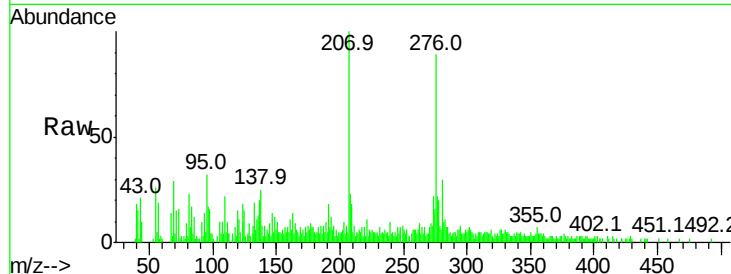
ClientSampleId :

D9XF2

Tot Ion:	276	Resp:	46253
Ion Ratio	Lower	Upper	
276	100		
138	28.4	15.8	23.6#
277	25.1	19.0	28.6

Manual Integrations
APPROVED

umangi
5/17/2016 7:21:12 PM



#92

Benzo(g,h,i)perylene

Concen: 2.48 ng/ul m

RT: 30.21 min Scan# 4658

Delta R.T. 0.05 min

Lab File: BG021923.D

Acq: 17 May 2016 2:05

Tgt Ion:	276	Resp:	49254
Ion Ratio	Lower	Upper	
276	100		
138	27.3	13.9	20.9#
277	25.7	19.8	29.6

