

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021828.D
 Acq On : 10 May 2016 22:42
 Operator : UM/SJ
 Sample : H2937-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WL1

Manual Integrations
 APPROVED

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 5/11/2016 8:27:15 PM

Quant Time: May 11 06:02:18 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	93372	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	483916	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	282219	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	572454	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	566894	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	554445	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4970	2.57	ng/uL	0.00
5) Phenol-d5	7.33	99	97296	14.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	46766	13.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	90766	16.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	64292m	11.05	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	47580	14.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	46233m	23.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	89325	15.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	62619m	10.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	303135	15.29	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	414429	14.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42370m	12.47	ng/ul	0.00
58) Fluorene-d10	15.79	176	283368	13.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	28071	17.70	ng/ul	0.00
71) Anthracene-d10	17.64	188	411868m	14.78	ng/ul	0.00
77) Pyrene-d10	19.92	212	426691	16.08	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	382153	14.51	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	48293	2.39	ng/ul#	97
70) Phenanthrene	17.59	178	52837	1.69	ng/ul	98
75) Fluoranthene	19.58	202	107515	3.02	ng/ul#	93
78) Pyrene	19.95	202	92012m	2.81	ng/ul	
79) Butylbenzylphthalate	20.82	149	45027	6.21	ng/ul#	78
81) Benzo(a)anthracene	21.81	228	51236	1.62	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	26507	2.24	ng/ul#	95
83) Chrysene	21.88	228	55710m	1.79	ng/ul	
86) Benzo(b)fluoranthene	24.10	252	89399	2.82	ng/ul#	92
89) Benzo(a)pyrene	25.00	252	52003	1.65	ng/ul#	91
90) Indeno(1,2,3-cd)pyrene	28.97	276	43420	1.16	ng/ul#	90
92) Benzo(g,h,i)perylene	30.17	276	41884m	1.36	ng/ul	

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

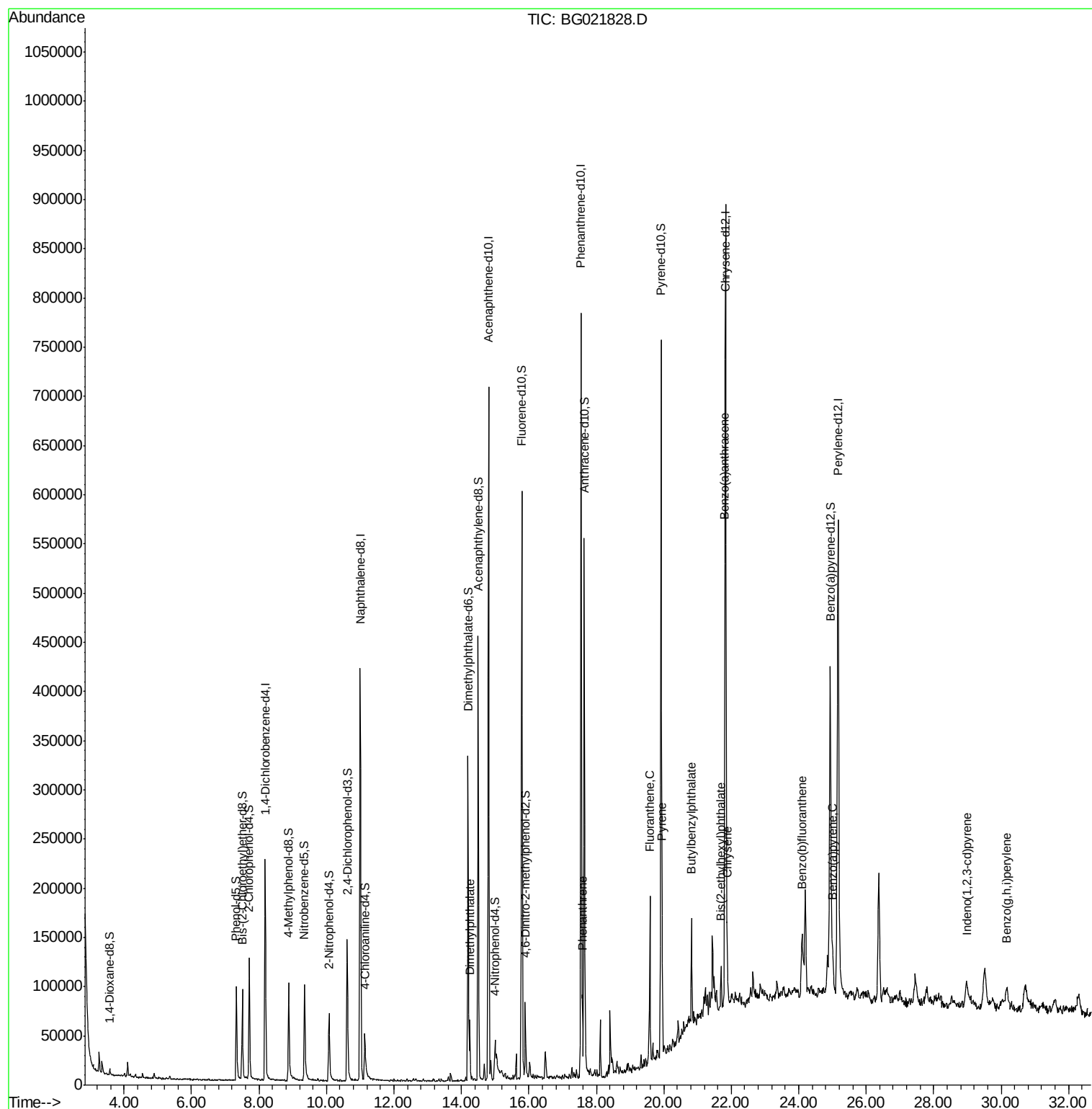
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021828.D
Acq On : 10 May 2016 22:42
Operator : UM/SJ
Sample : H2937-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

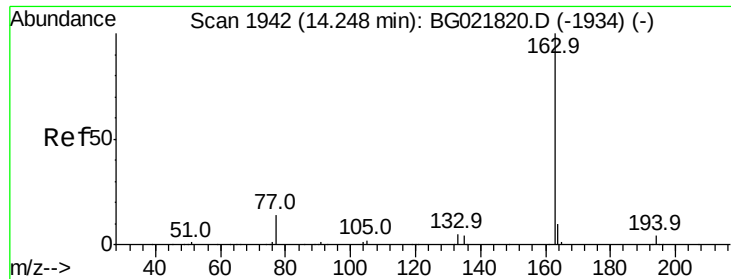
Instrument :
BNA_G
ClientSampleId :
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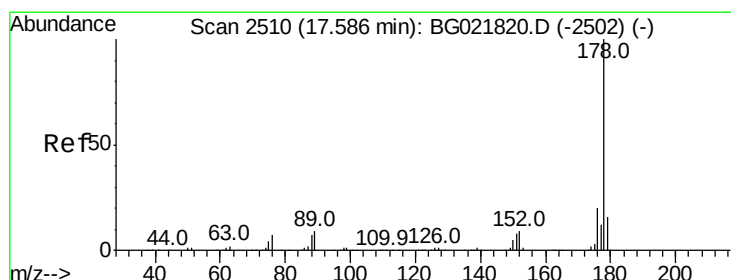
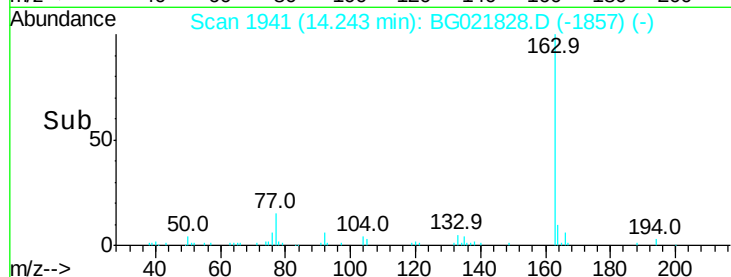
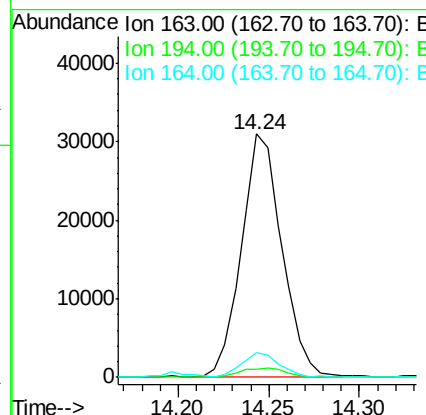
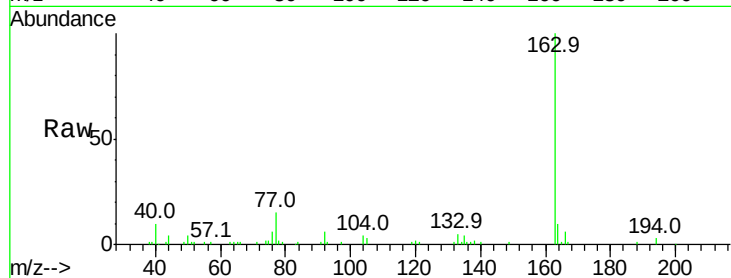
#45
Dimethylphthalate
Concen: 2.39 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG021828.D
Acq: 10 May 2016 22:42

Instrument :
BNA_G
ClientSampleId :
D9WL1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	48293		
194	3.4		3.9	5.9#
164	9.9		8.7	13.1

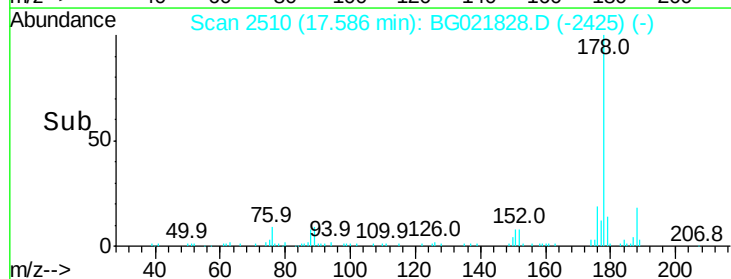
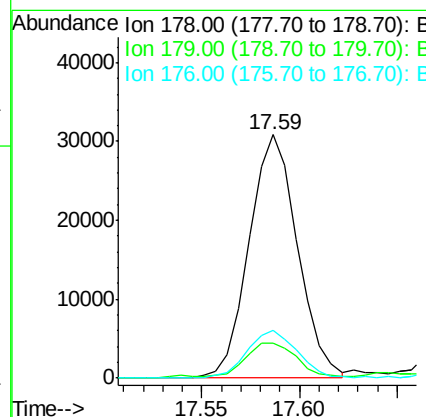
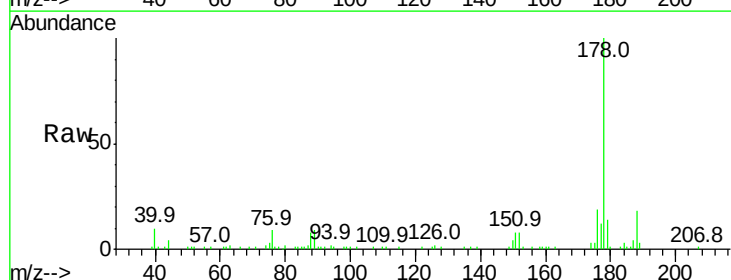
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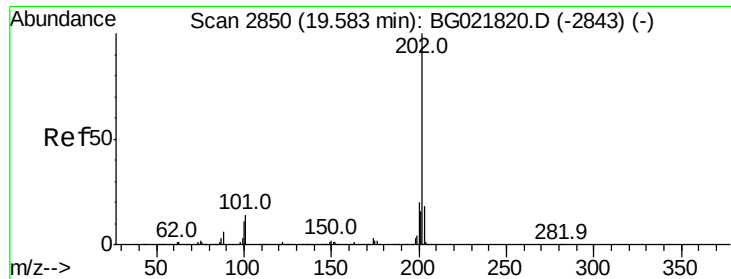
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#70
Phenanthrene
Concen: 1.69 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG021828.D
Acq: 10 May 2016 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	52837		
179	14.2		11.8	17.8
176	19.4		14.8	22.2





#75

Fluoranthene

Concen: 3.02 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG021828.D

Acq: 10 May 2016 22:42

Instrument :

BNA_G

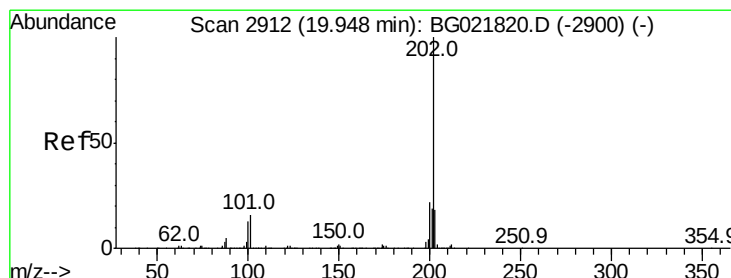
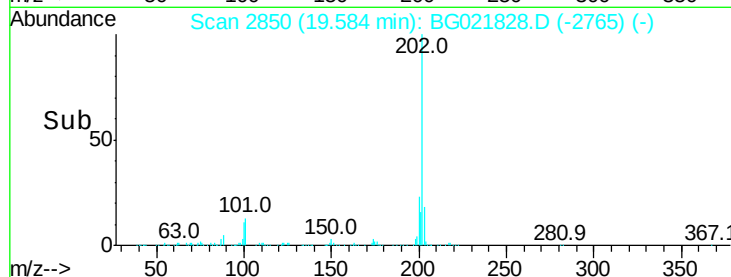
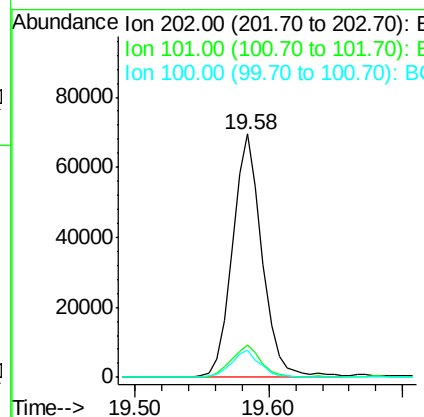
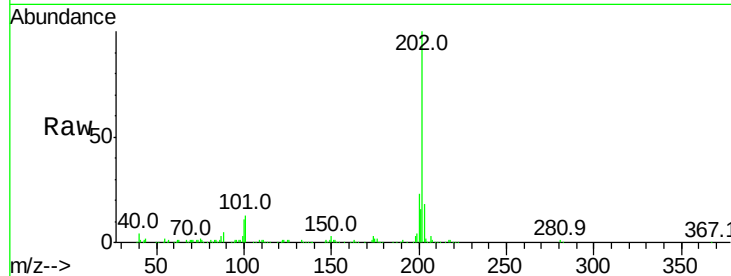
ClientSampleId :

D9WL1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	8.9	13.3
100	11.4	7.0	10.4

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#78

Pyrene

Concen: 2.81 ng/ul m

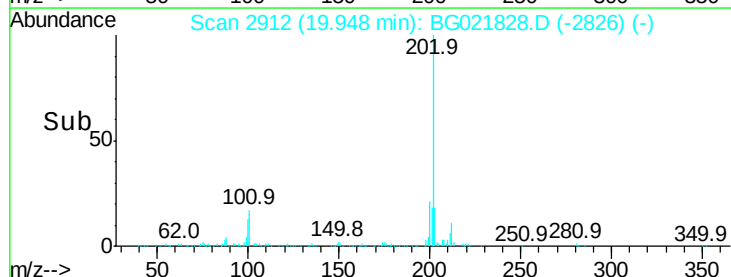
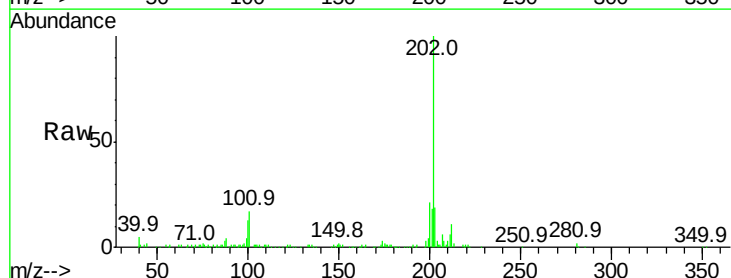
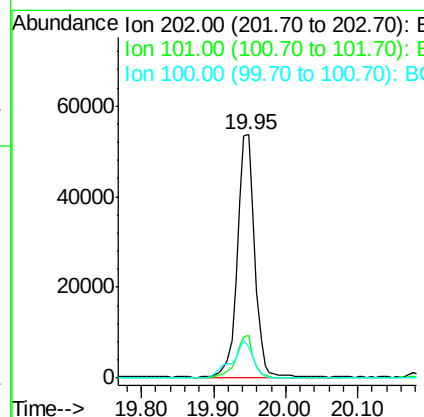
RT: 19.95 min Scan# 2912

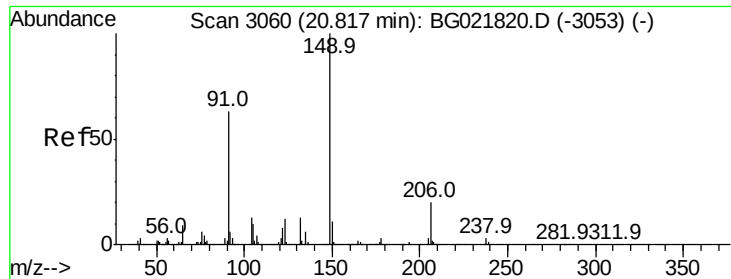
Delta R.T. 0.01 min

Lab File: BG021828.D

Acq: 10 May 2016 22:42

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.3	9.8	14.8
100	12.8	9.3	13.9





#79

Butylbenzylphthalate

Concen: 6.21 ng/ul

RT: 20.82 min Scan# 3060

Delta R.T. 0.00 min

Lab File: BG021828.D

Acq: 10 May 2016 22:42

Instrument :

BNA_G

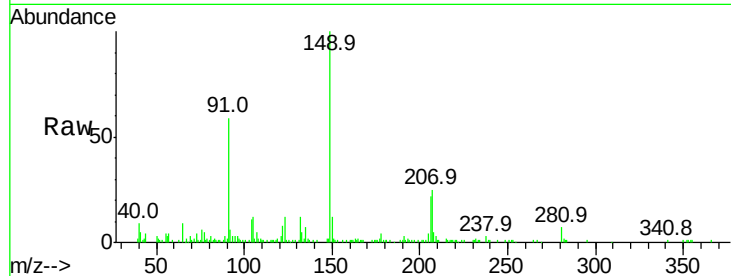
ClientSampleId :

D9WL1

Tot Ion:	149	Resp:	45027
Ion Ratio	Lower	Upper	
149	100		
91	58.9	65.8	98.8#
206	21.7	15.5	23.3

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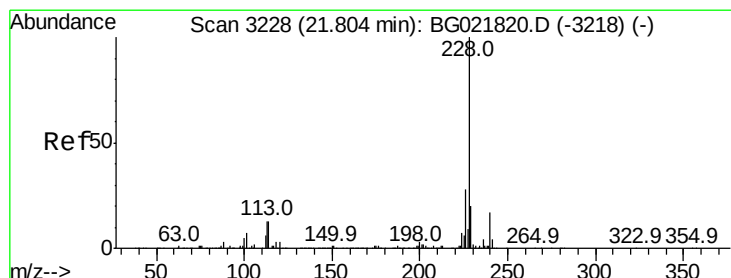
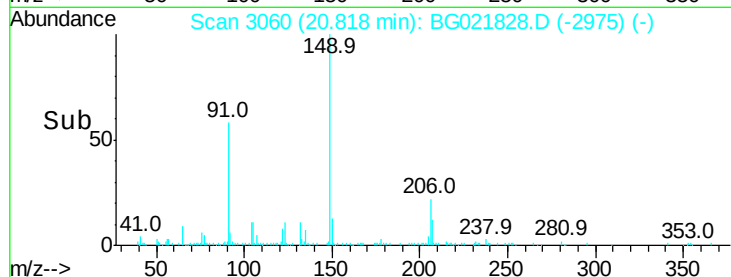
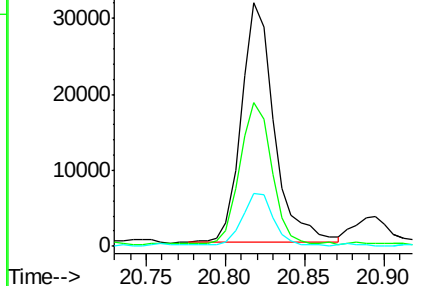
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 1.62 ng/ul

RT: 21.81 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BG021828.D

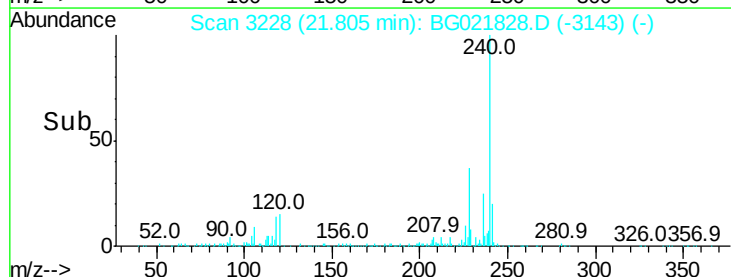
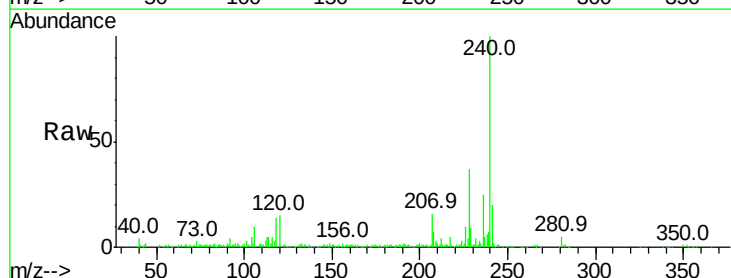
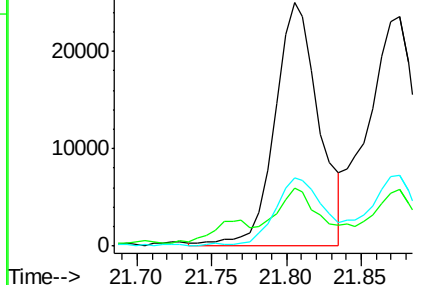
Acq: 10 May 2016 22:42

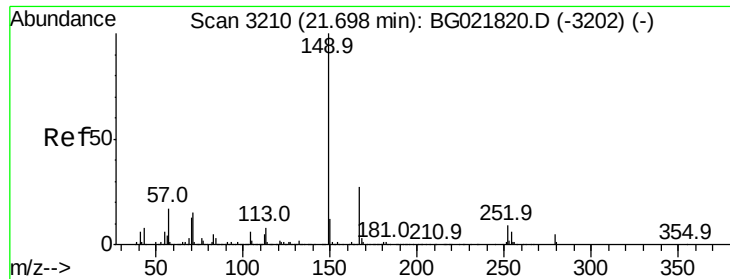
Tgt Ion:	228	Resp:	51236
Ion Ratio	Lower	Upper	
228	100		
229	23.6	16.6	25.0
226	27.8	21.0	31.4

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

Bis(2-ethylhexyl)phthalate

Concen: 2.24 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG021828.D

Acq: 10 May 2016 22:42

Instrument :

BNA_G

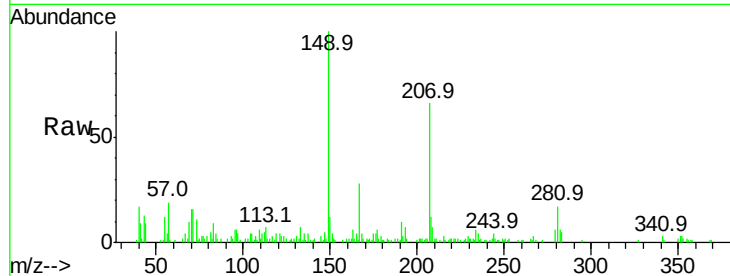
ClientSampleId :

D9WL1

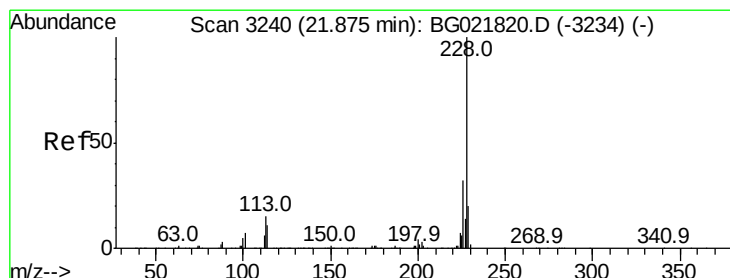
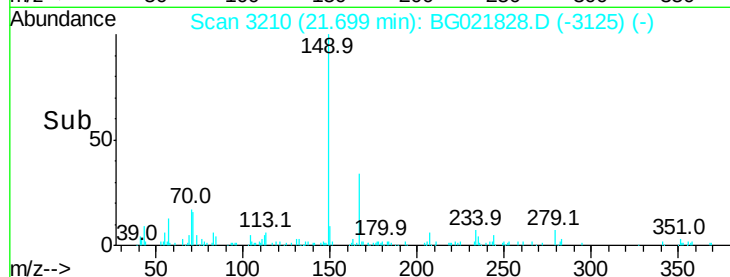
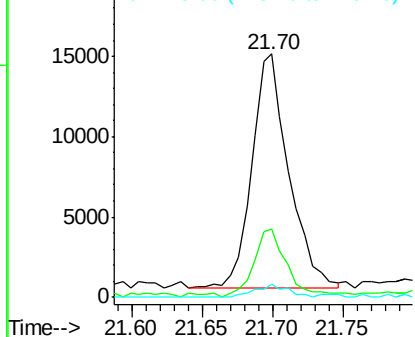
Tot Ion:	149	Resp:	26507
Ion Ratio	Lower	Upper	
149	100		
167	28.1	20.5	30.7
279	5.6	3.7	5.5#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#83

Chrysene

Concen: 1.79 ng/ul m

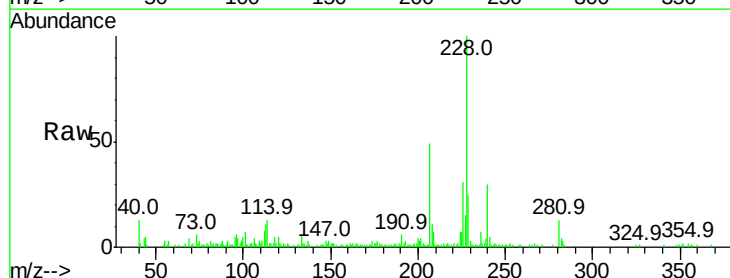
RT: 21.88 min Scan# 3240

Delta R.T. 0.00 min

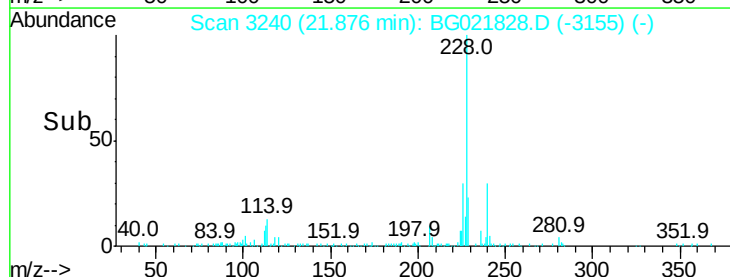
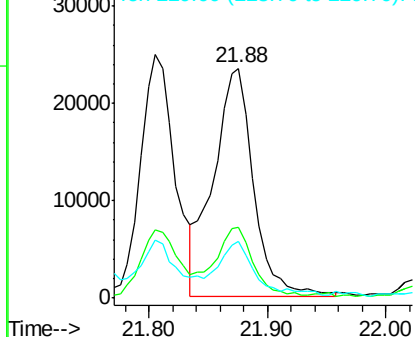
Lab File: BG021828.D

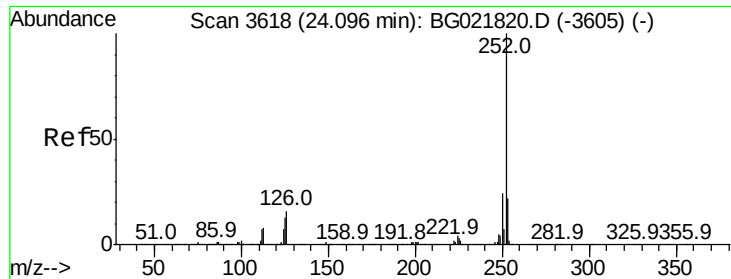
Acq: 10 May 2016 22:42

Tgt Ion:	228	Resp:	55710
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.2
229	24.6	16.2	24.2#



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





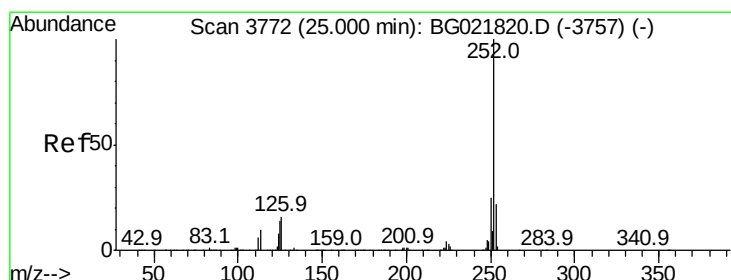
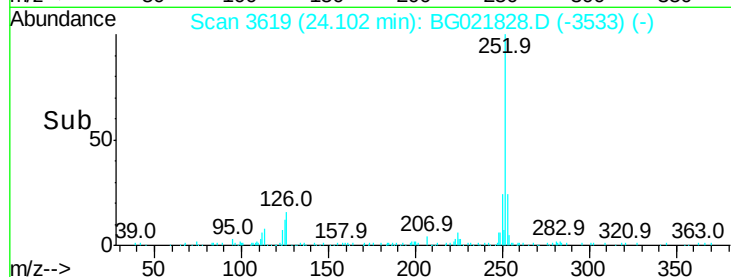
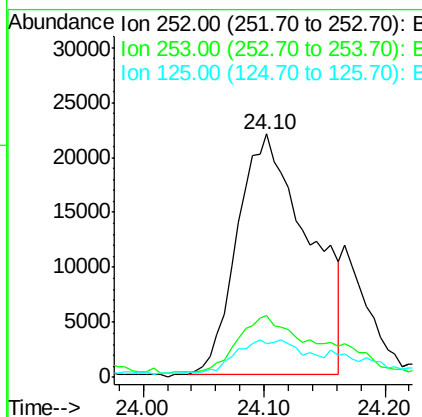
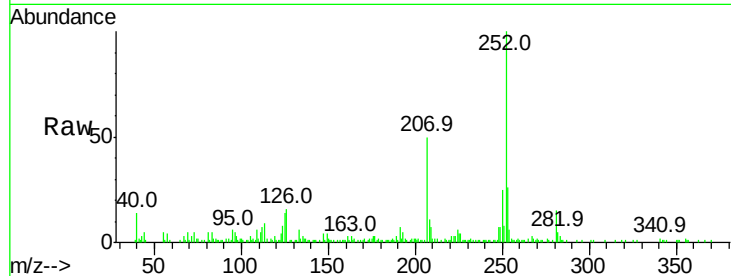
#86
Benzo(b)fluoranthene
Concen: 2.82 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BG021828.D
Acq: 10 May 2016 22:42

Instrument :
BNA_G
ClientSampled :
D9WL1

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.1	27.1
125	13.8	7.6	11.4

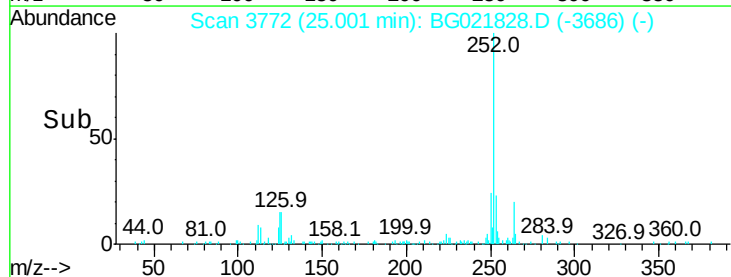
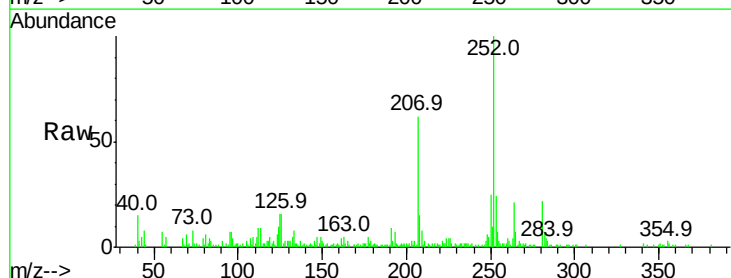
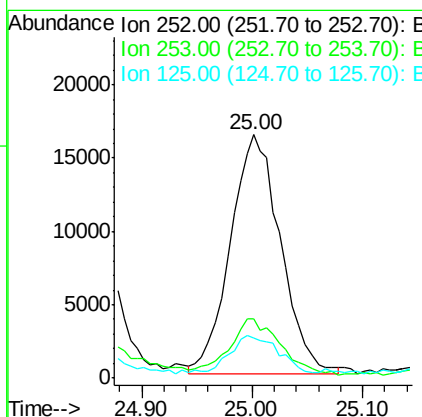
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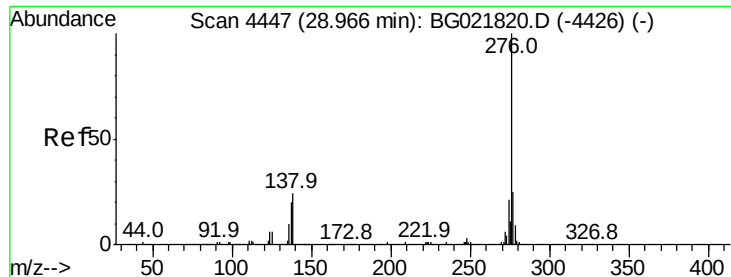
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#89
Benzo(a)pyrene
Concen: 1.65 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021828.D
Acq: 10 May 2016 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	16.4	8.2	12.2





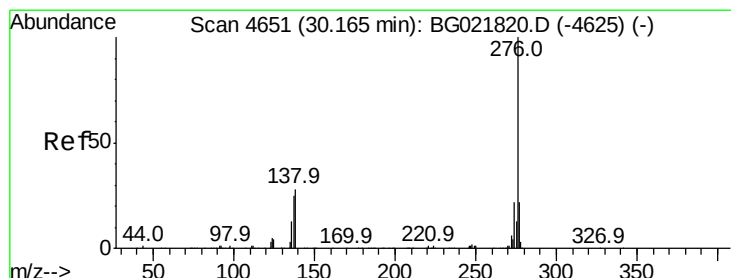
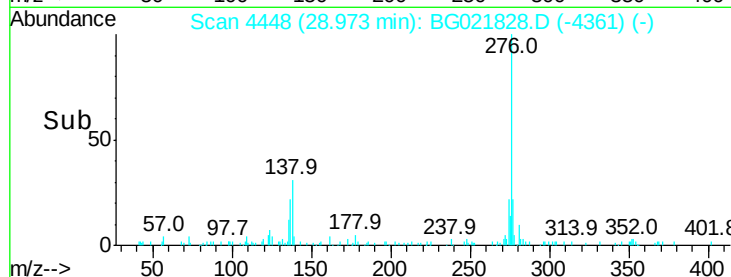
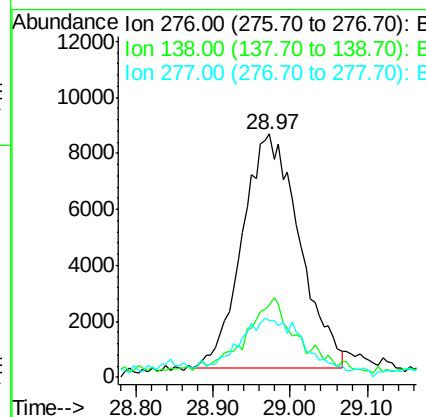
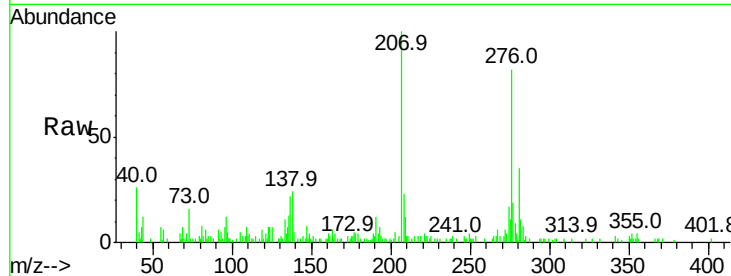
#90
Indeno(1,2,3-cd)pyrene
Concen: 1.16 ng/ul
RT: 28.97 min Scan# 4448
Delta R.T. 0.01 min
Lab File: BG021828.D
Acq: 10 May 2016 22:42

Instrument :
BNA_G
ClientSampled :
D9WL1

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	15.8	23.6#
277	23.4	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 1.36 ng/ul m
RT: 30.17 min Scan# 4651
Delta R.T. 0.02 min
Lab File: BG021828.D
Acq: 10 May 2016 22:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	13.9	20.9#
277	26.0	19.8	29.6

