

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021844.D
 Acq On : 11 May 2016 14:59
 Operator : UM/SJ
 Sample : H2937-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X90

Manual Integrations
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Quant Time: May 12 06:48:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	80118	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	443365	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	270650	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	575365	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	566071	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	557134	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4179	2.52	ng/uL	0.00
5) Phenol-d5	7.33	99	95445	16.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	46898m	15.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	88619	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	83616	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	45814	15.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	47559	25.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	92102	17.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	106095m	18.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	313689	16.50	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	431828	16.00	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	47435m	14.56	ng/ul	0.00
58) Fluorene-d10	15.79	176	293736	14.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34023	21.35	ng/ul	0.00
71) Anthracene-d10	17.65	188	417628	14.91	ng/ul	0.00
77) Pyrene-d10	19.92	212	433180	16.35	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	398807	15.07	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.24	163	37829	1.95	ng/ul	99
75) Fluoranthene	19.58	202	76816	2.15	ng/ul#	93
78) Pyrene	19.95	202	75914m	2.32	ng/ul	
81) Benzo(a)anthracene	21.81	228	50310	1.60	ng/ul	93
82) Bis(2-ethylhexyl)phthalate	21.70	149	18519	1.57	ng/ul	96
83) Chrysene	21.88	228	62160	1.99	ng/ul	99
86) Benzo(b)fluoranthene	24.11	252	104971	3.29	ng/ul#	93
89) Benzo(a)pyrene	25.01	252	59741m	1.88	ng/ul	
90) Indeno(1,2,3-cd)pyrene	29.00	276	49491	1.32	ng/ul#	93
92) Benzo(g,h,i)perylene	30.18	276	49130m	1.58	ng/ul	

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

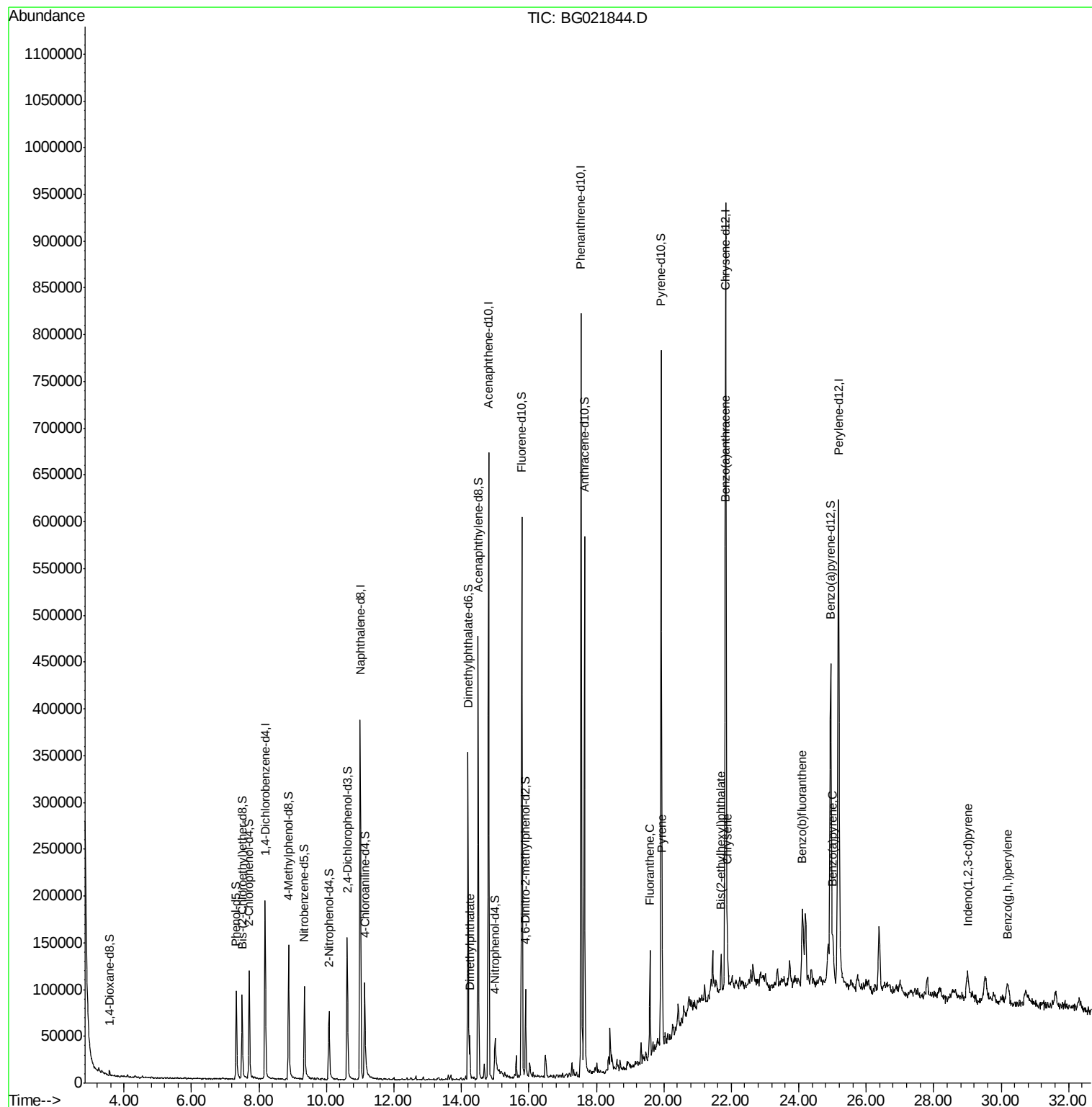
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
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ALS Vial : 9 Sample Multiplier: 1

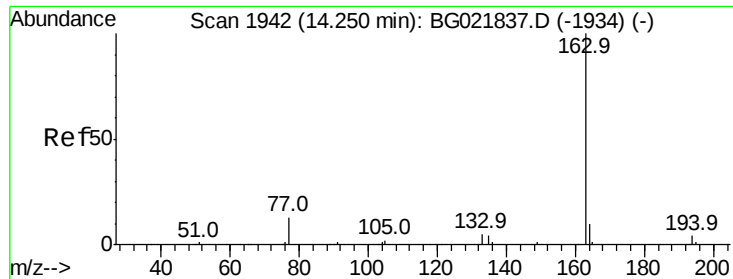
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1.95 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

Instrument :

BNA_G

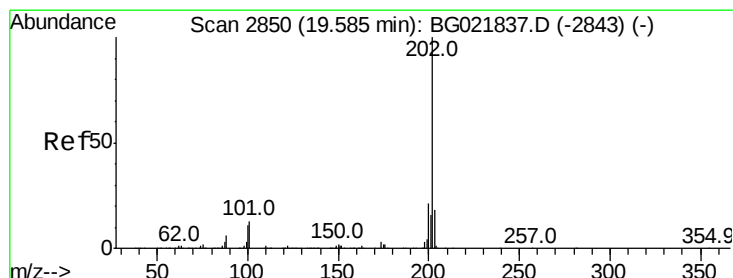
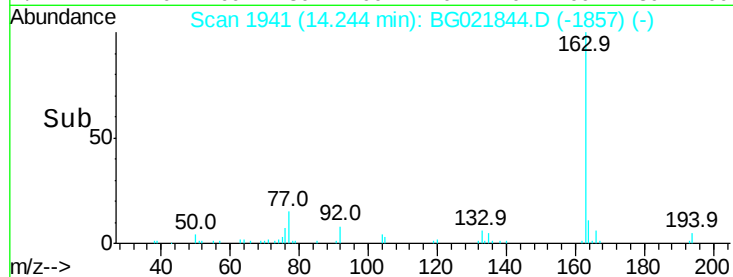
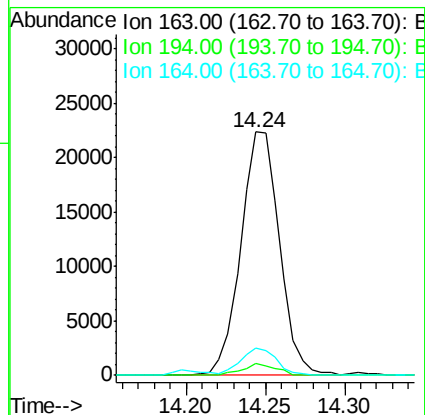
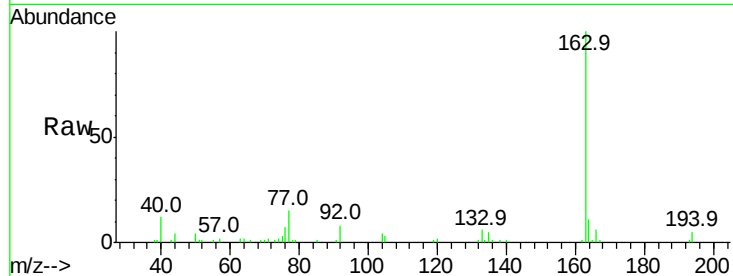
ClientSampleId :

D9X90

Tot Ion:	163	Resp:	37829
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.9	5.9
164	11.3	8.7	13.1

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#75

Fluoranthene

Concen: 2.15 ng/ul

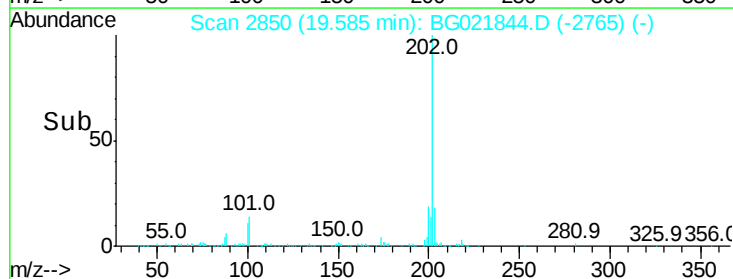
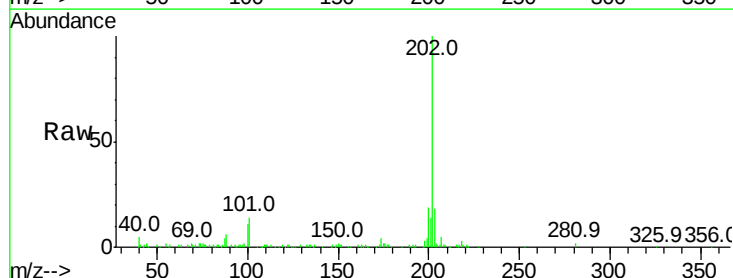
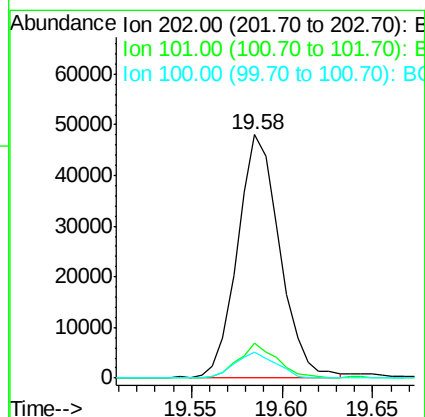
RT: 19.58 min Scan# 2850

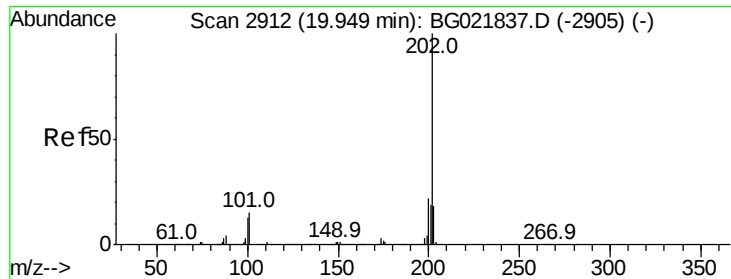
Delta R.T. 0.00 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

Tgt Ion:	202	Resp:	76816
Ion Ratio	Lower	Upper	
202	100		
101	14.3	8.9	13.3#
100	10.8	7.0	10.4#





#78

Pvrene

Concen: 2.32 ng/ul m

RT: 19.95 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

Instrument :

BNA_G

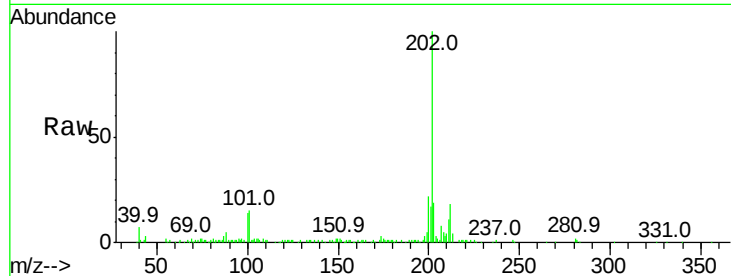
ClientSampleId :

D9X90

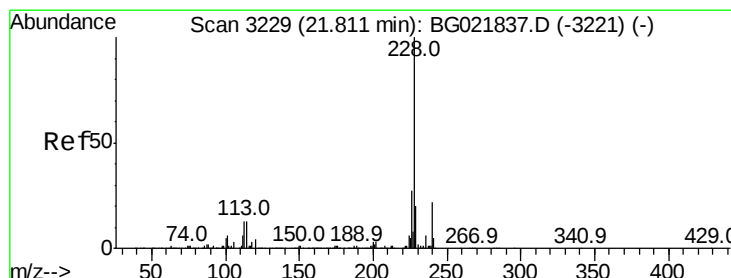
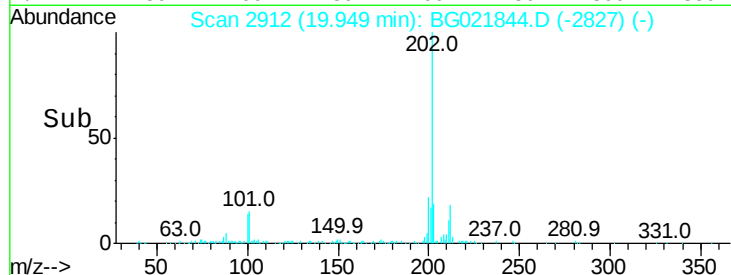
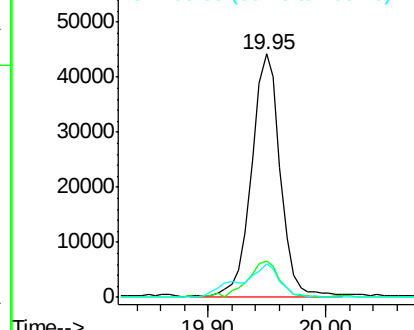
Tot Ion:	202	Resp:	75914
Ion Ratio	Lower	Upper	
202	100		
101	15.0	9.8	14.8#
100	13.8	9.3	13.9

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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



#81

Benzo(a)anthracene

Concen: 1.60 ng/ul

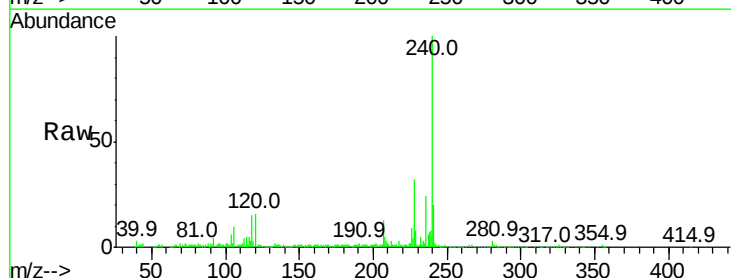
RT: 21.81 min Scan# 3229

Delta R.T. 0.00 min

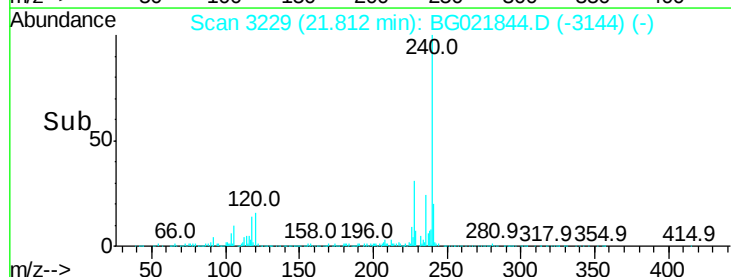
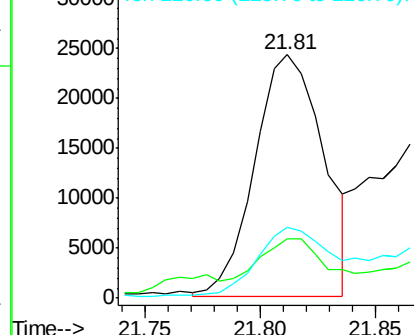
Lab File: BG021844.D

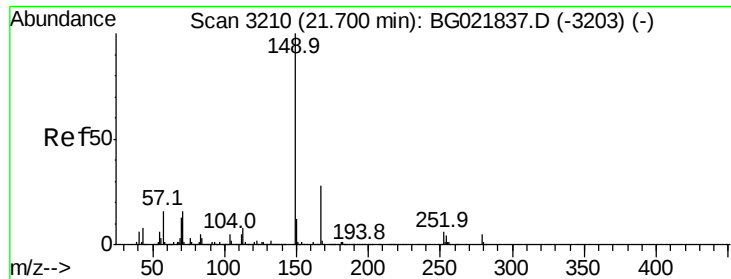
Acq: 11 May 2016 14:59

Tgt Ion:	228	Resp:	50310
Ion Ratio	Lower	Upper	
228	100		
229	24.4	16.6	25.0
226	29.2	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





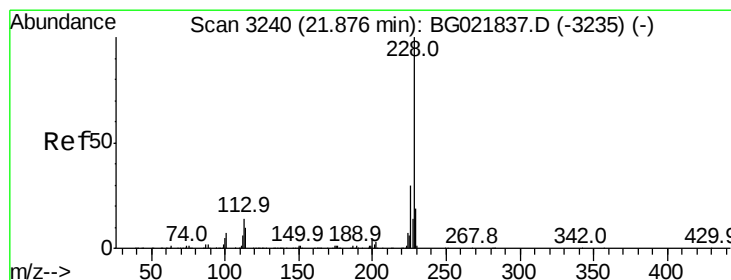
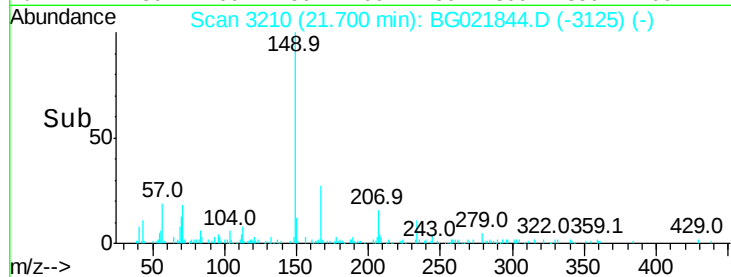
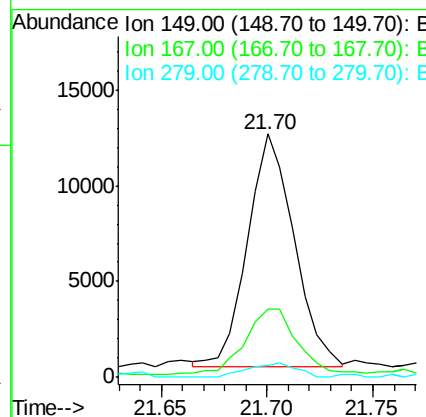
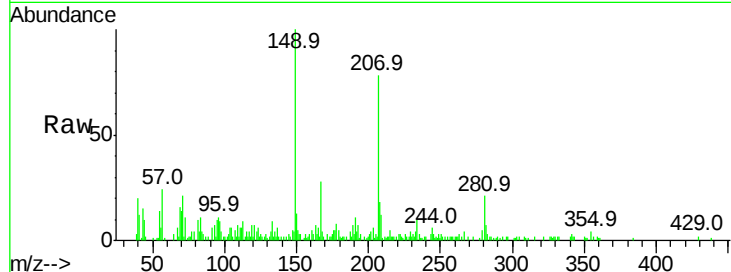
#82
 Bis(2-ethylhexyl)phthalate
 Concen: 1.57 ng/ul
 RT: 21.70 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BG021844.D
 Acq: 11 May 2016 14:59

Instrument :
 BNA_G
 ClientSampleId :
 D9X90

Tot Ion	Ratio	Resp	Lower	Upper
149	100	18519		
167	28.0	20.5	30.7	
279	4.7	3.7	5.5	

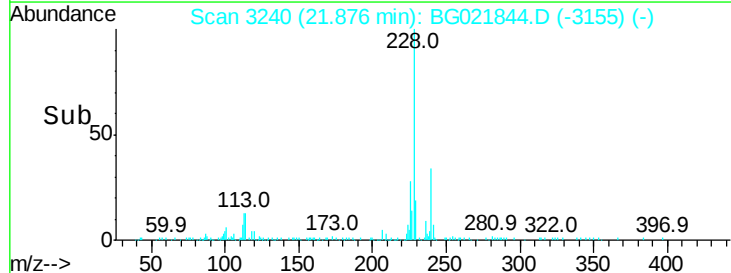
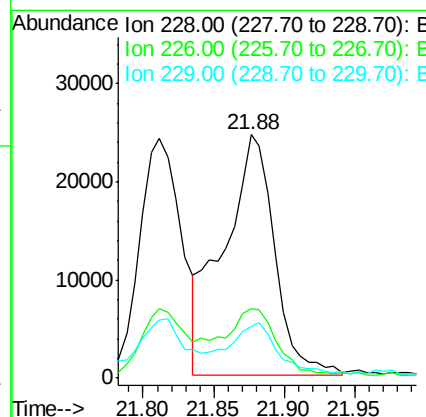
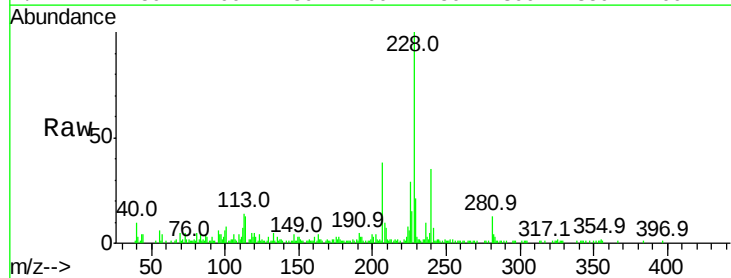
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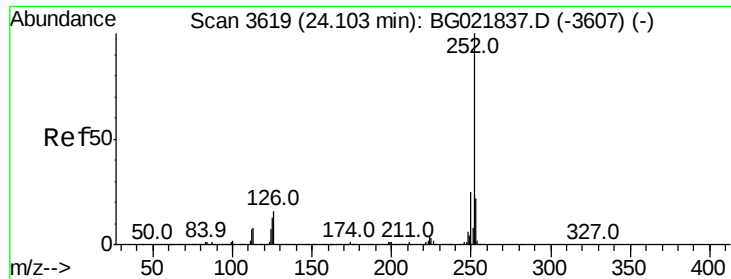
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#83
 Chrysene
 Concen: 1.99 ng/ul
 RT: 21.88 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: BG021844.D
 Acq: 11 May 2016 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	62160		
226	28.8	23.4	35.2	
229	21.2	16.2	24.2	





#86

Benzo(b)fluoranthene

Concen: 3.29 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.01 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

Instrument :

BNA_G

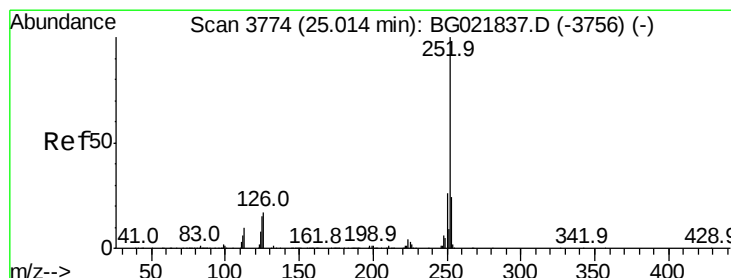
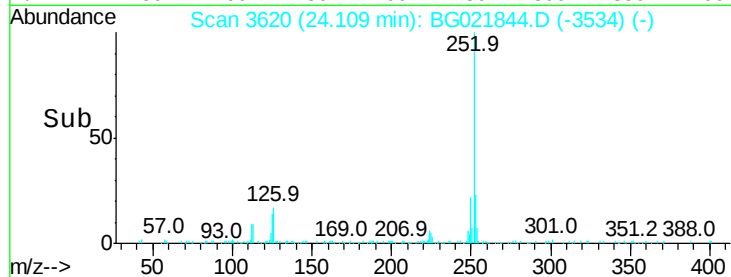
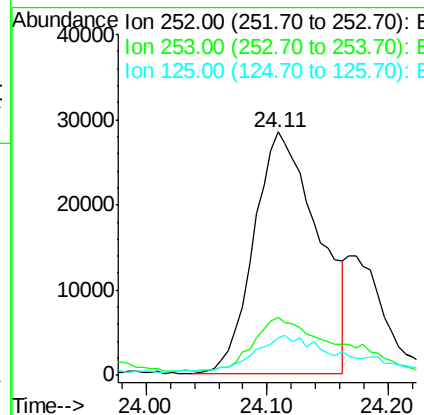
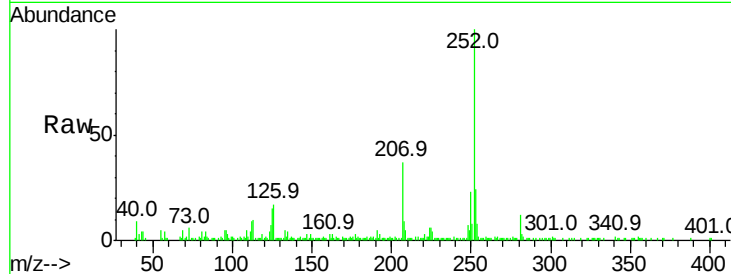
ClientSampleId :

D9X90

Tot Ion:	252	Resp:	104971
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.1	27.1
125	15.2	7.6	11.4#

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#89

Benzo(a)pyrene

Concen: 1.88 ng/ul m

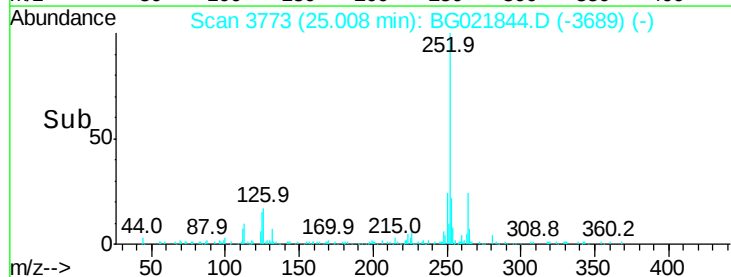
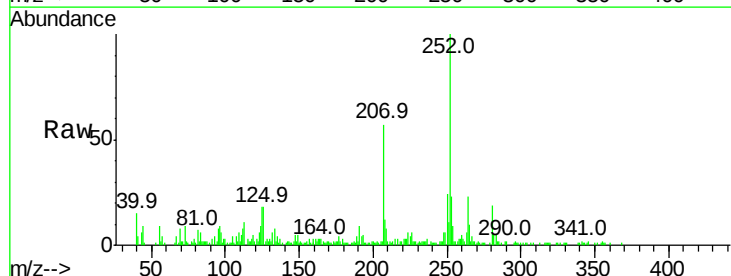
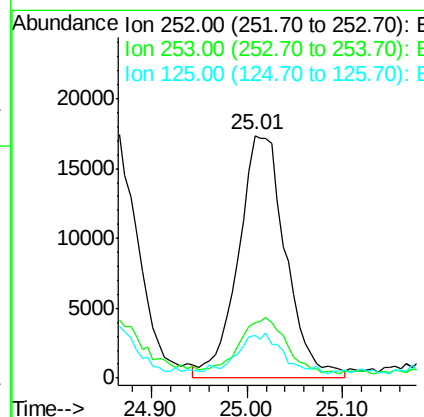
RT: 25.01 min Scan# 3773

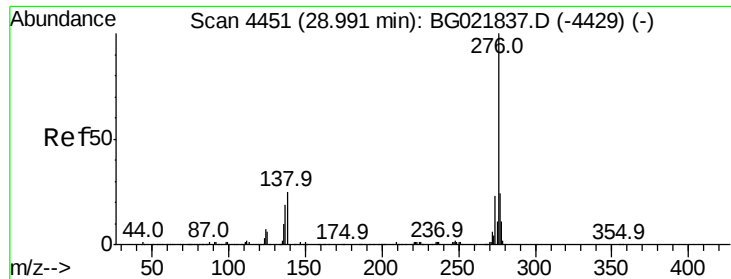
Delta R.T. -0.01 min

Lab File: BG021844.D

Acq: 11 May 2016 14:59

Tgt Ion:	252	Resp:	59741
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	17.5	8.2	12.2#





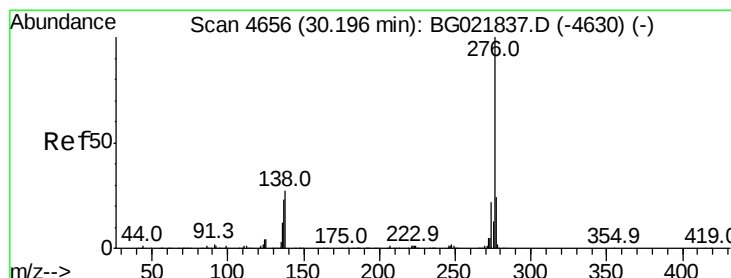
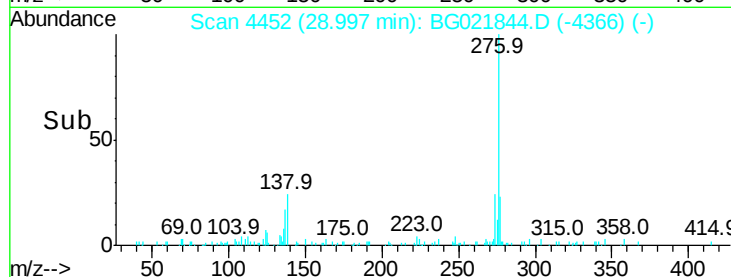
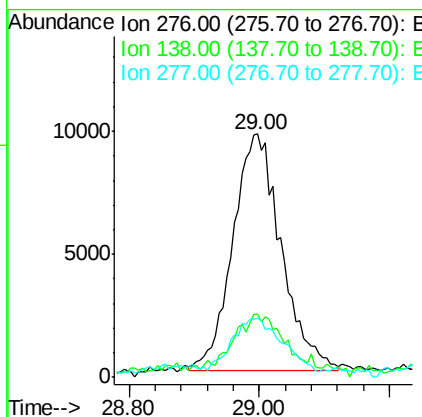
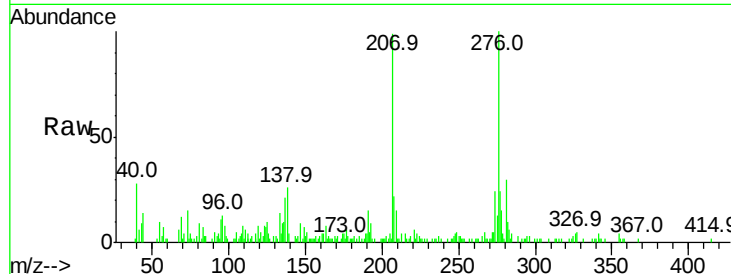
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 1.32 ng/ul
 RT: 29.00 min Scan# 4452
 Delta R.T. 0.01 min
 Lab File: BG021844.D
 Acq: 11 May 2016 14:59

Instrument :
 BNA_G
 ClientSampled :
 D9X90

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	15.8	23.6#
277	24.4	19.0	28.6

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#92
 Benzo(g,h,i)perylene
 Concen: 1.58 ng/ul m
 RT: 30.18 min Scan# 4654
 Delta R.T. -0.01 min
 Lab File: BG021844.D
 Acq: 11 May 2016 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	13.9	20.9#
277	24.3	19.8	29.6

