

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023510.D
 Acq On : 6 Aug 2016 5:48
 Operator : UM/SJ
 Sample : H4249-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJP6

Manual Integrations
 APPROVED

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Quant Time: Aug 06 06:44:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 08:31:21 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	128730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	613344	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	451248	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1091597	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1058156	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1077597	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	6402	2.11	ng/uL	0.00
5) Phenol-d5	7.27	99	309920	23.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	228123	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	226080	25.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	202025	19.96	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	125572	25.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	145818	26.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	246849	23.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	323260	26.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	939190	25.42	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1086608	26.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	147218	23.34	ng/ul	0.00
57) Fluorene-d10	15.78	176	889583	26.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	163840	23.39	ng/ul	0.00
70) Anthracene-d10	17.64	188	1347674	27.40	ng/ul	0.00
76) Pyrene-d10	19.93	212	1499138	27.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1387340	28.44	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	449322	12.28	ng/ul	99
74) Fluoranthene	19.60	202	133774	2.31	ng/ul#	87
77) Pyrene	19.96	202	121925	1.86	ng/ul#	91
78) Butylbenzylphthalate	20.83	149	45397	1.81	ng/ul	87
80) Benzo(a)anthracene	21.83	228	62910m	1.06	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.71	149	97997	2.94	ng/ul	97
82) Chrysene	21.90	228	61675	1.14	ng/ul	95
85) Benzo(b)fluoranthene	24.16	252	88620	1.45	ng/ul#	90

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

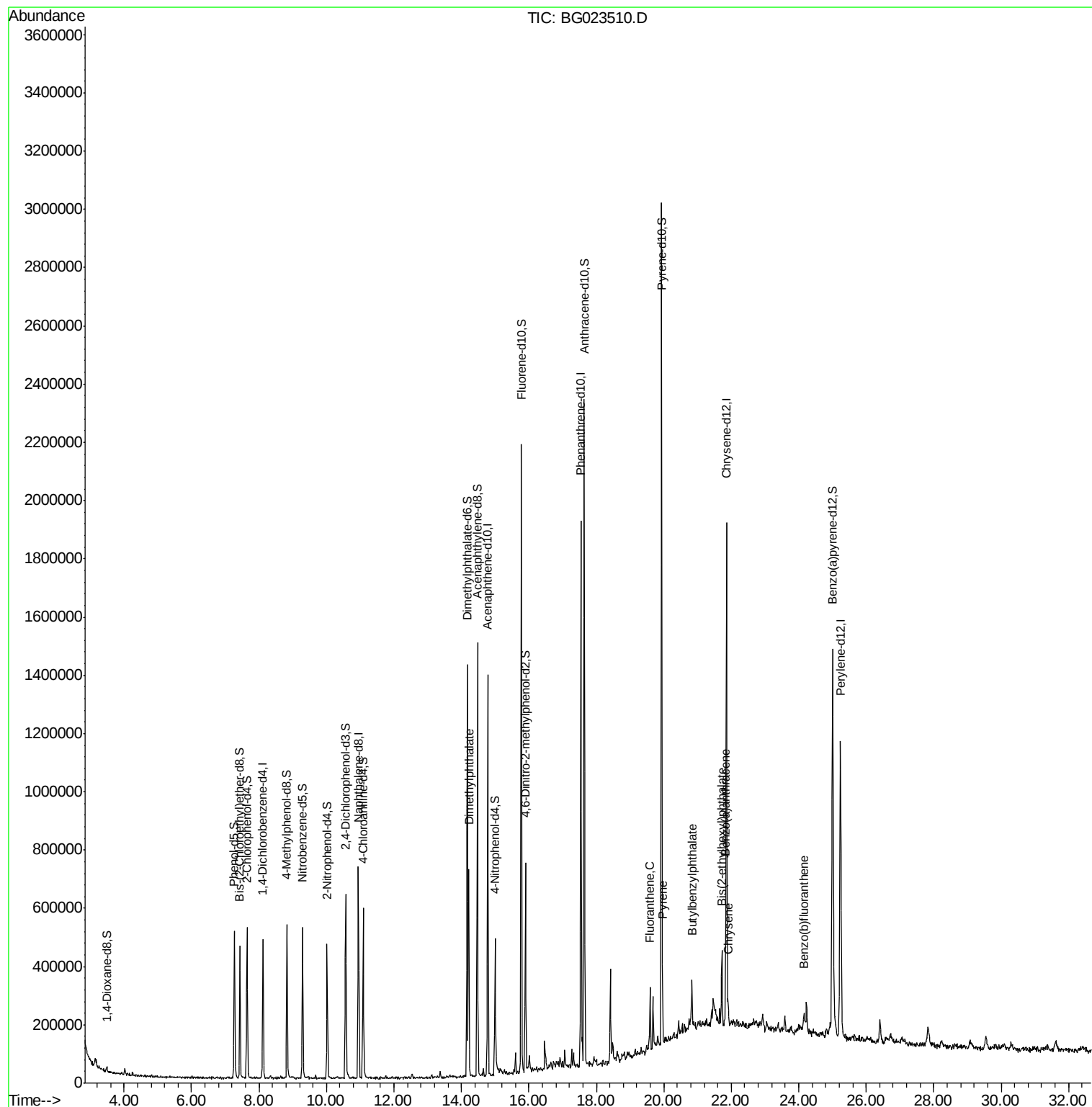
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
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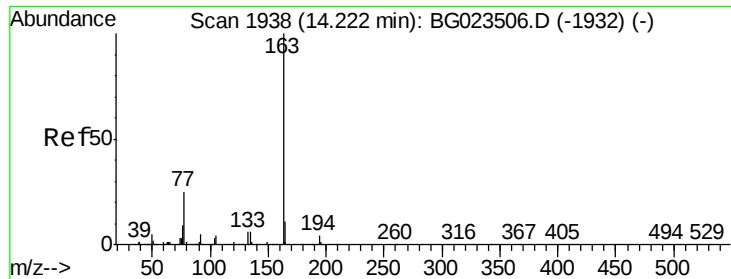
Instrument :
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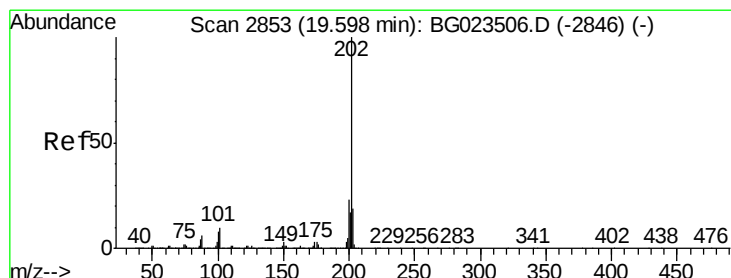
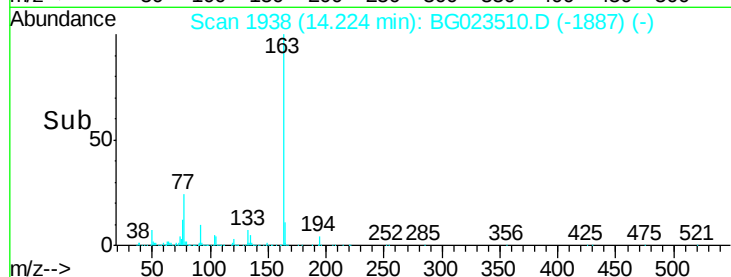
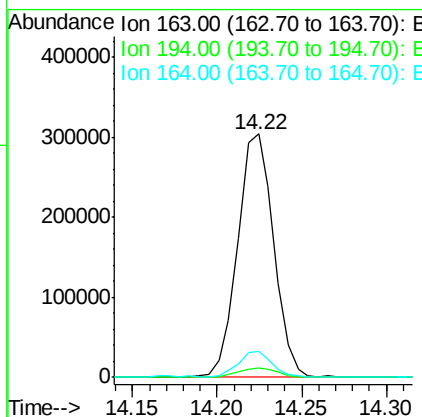
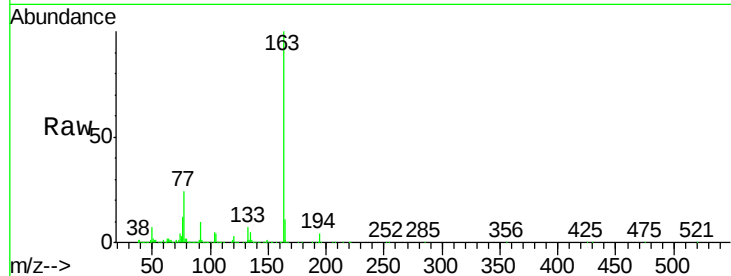
#44
Dimethylphthalate
Concen: 12.28 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023510.D
Acq: 6 Aug 2016 5:48

Instrument :
BNA_G
ClientSampleId :
BDJP6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	449322		
194	3.7		3.4	5.2
164	10.8		8.8	13.2

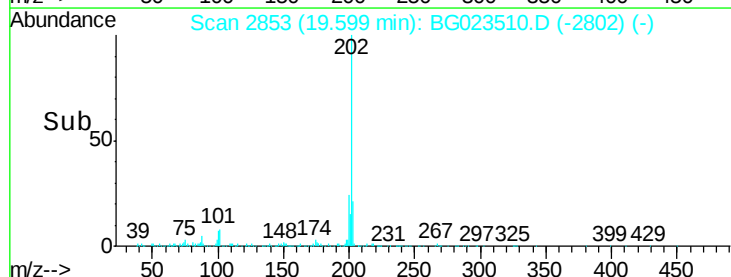
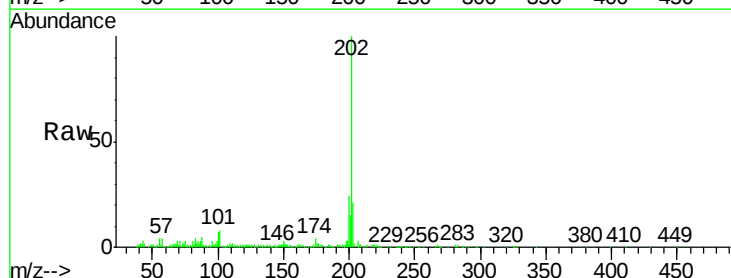
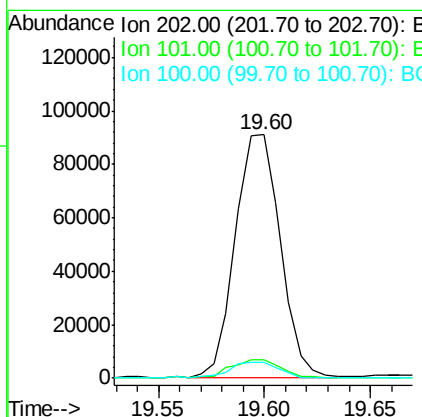
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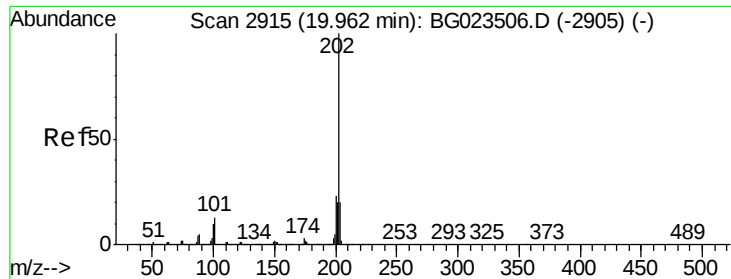
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#74
Fluoranthene
Concen: 2.31 ng/ul
RT: 19.60 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG023510.D
Acq: 6 Aug 2016 5:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	133774		
101	7.6		10.6	16.0#
100	6.6		8.7	13.1#





#77

Pyrene

Concen: 1.86 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

Instrument :

BNA_G

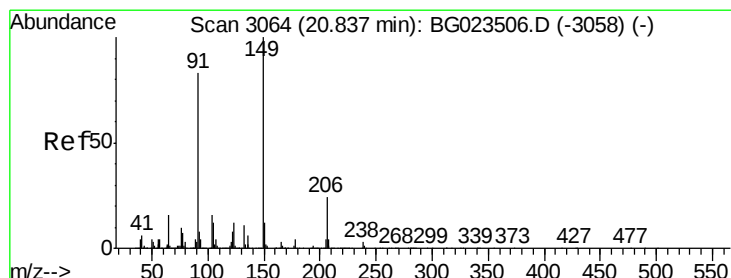
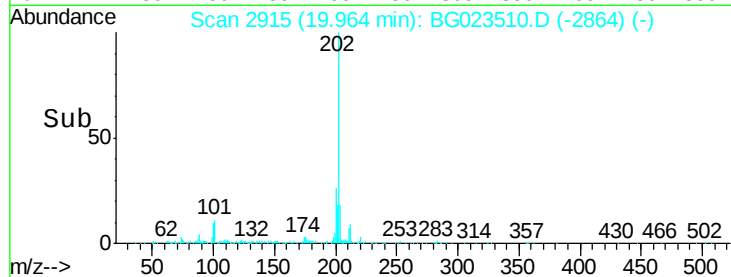
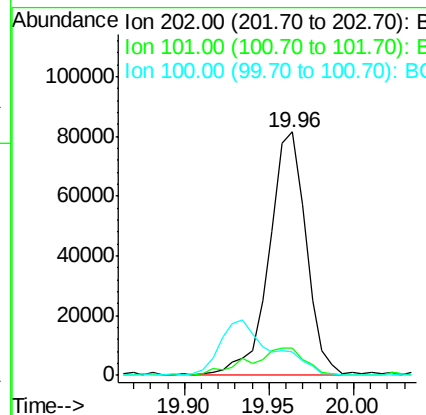
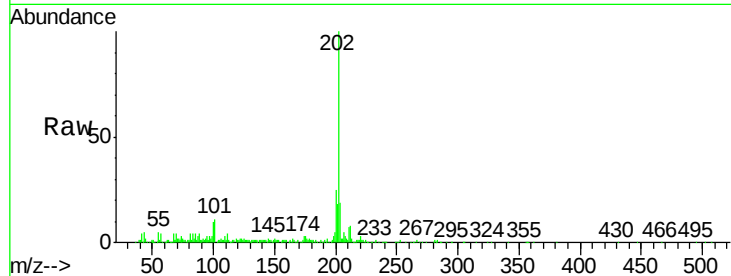
ClientSampled :

BDJP6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	12.5	18.7#
100	9.8	10.2	15.4#

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#78

Butylbenzylphthalate

Concen: 1.81 ng/ul

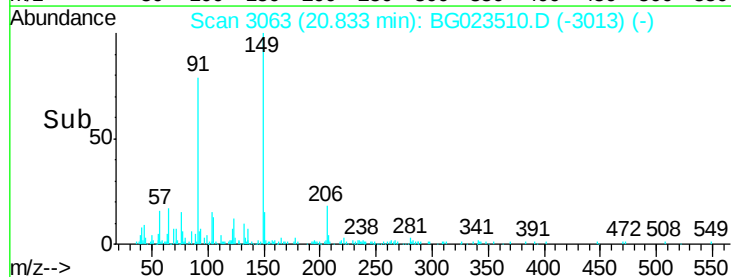
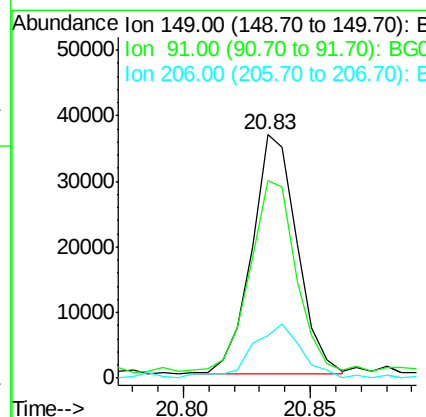
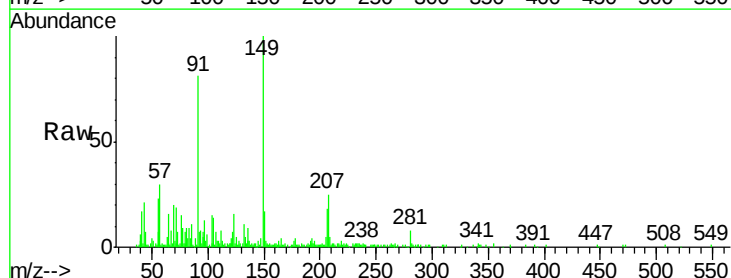
RT: 20.83 min Scan# 3063

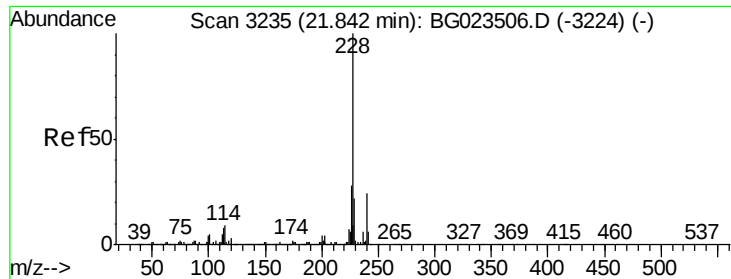
Delta R.T. -0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	81.0	54.2	81.4
206	17.7	14.1	21.1





#80

Benzo(a)anthracene

Concen: 1.06 ng/ul m

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

Instrument :

BNA_G

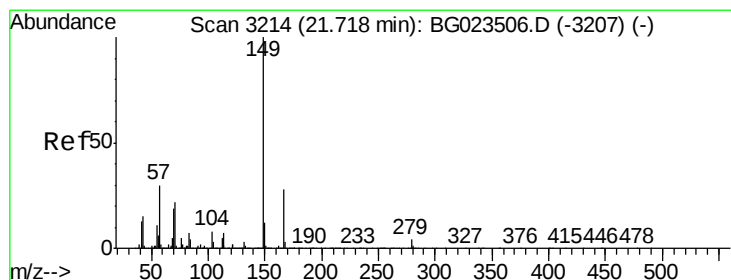
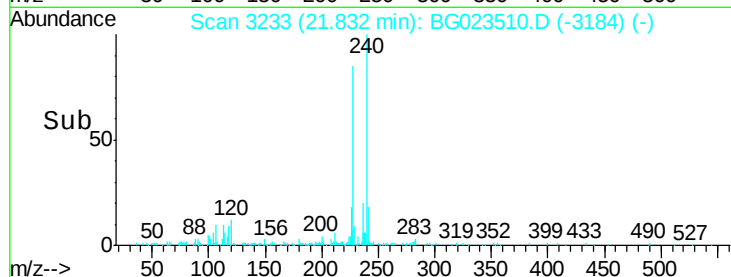
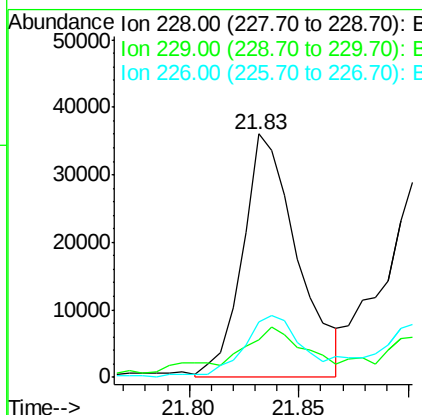
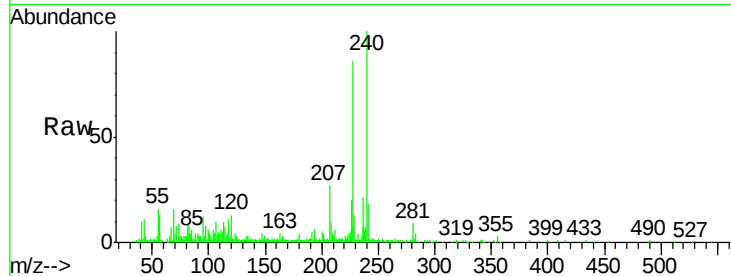
ClientSampleId :

BDJP6

Tgt Ion:	228	Resp:	62910
Ion Ratio	Lower	Upper	
228	100		
229	15.4	15.4	23.2#
226	22.8	22.8	34.2#

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#81

Bis(2-ethylhexyl)phthalate

Concen: 2.94 ng/ul

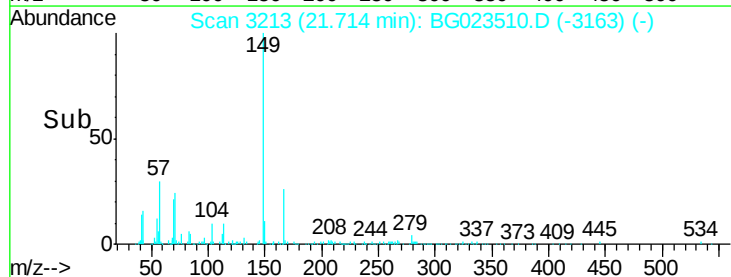
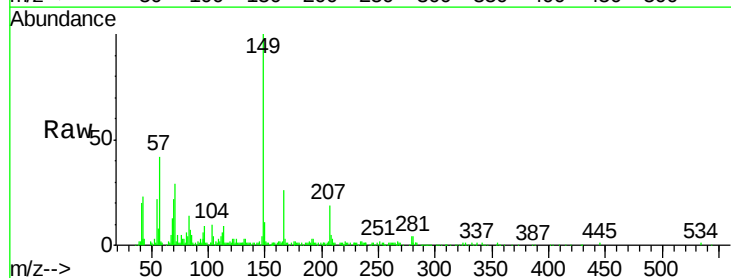
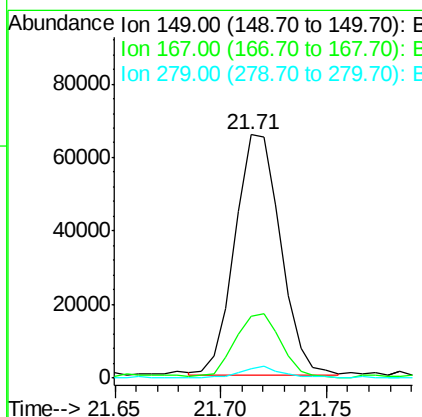
RT: 21.71 min Scan# 3213

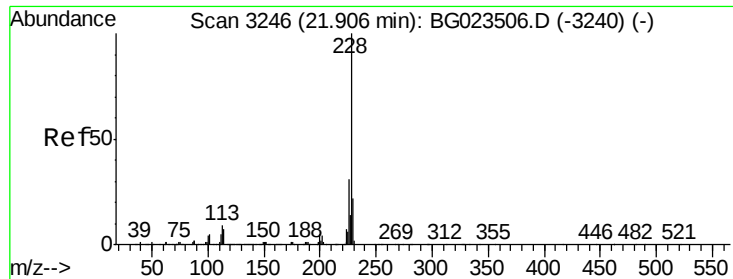
Delta R.T. -0.00 min

Lab File: BG023510.D

Acq: 6 Aug 2016 5:48

Tgt Ion:	149	Resp:	97997
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.9	32.9
279	4.0	2.9	4.3





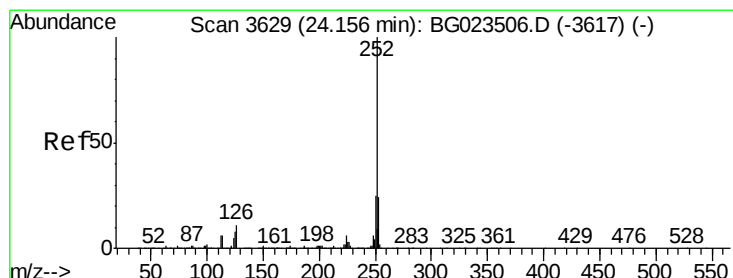
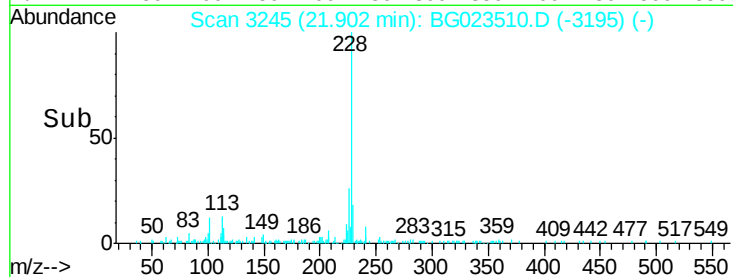
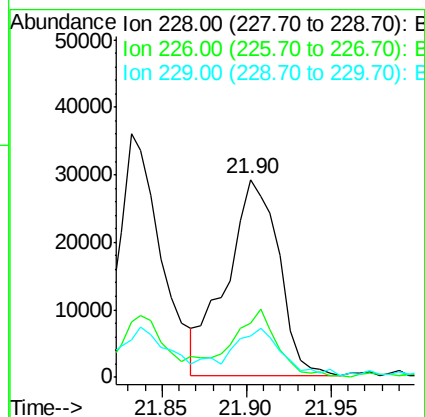
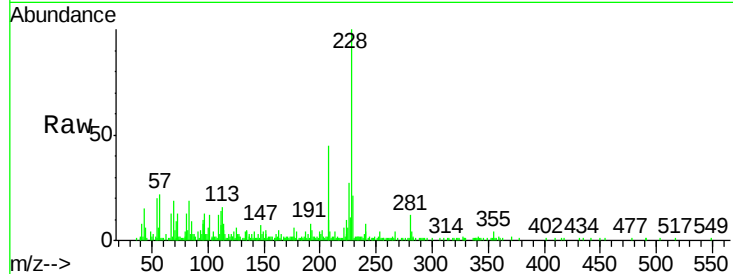
#82
 Chrysene
 Concen: 1.14 ng/ul
 RT: 21.90 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: BG023510.D
 Acq: 6 Aug 2016 5:48

Instrument :
 BNA_G
 ClientSampled :
 BDJP6

Tgt Ion:	228	Resp:	61675
Ion Ratio	Lower	Upper	
228	100		
226	27.2	24.2	36.4
229	20.6	15.0	22.6

Manual Integrations
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#85
 Benzo(b)fluoranthene
 Concen: 1.45 ng/ul
 RT: 24.16 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: BG023510.D
 Acq: 6 Aug 2016 5:48

Tgt Ion:	252	Resp:	88620
Ion Ratio	Lower	Upper	
252	100		
253	17.5	18.2	27.2#
125	10.5	10.8	16.2#

