

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017401.D
 Acq On : 2 Jun 2015 18:46
 Operator : TP/IZ
 Sample : G2430-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE7

Manual Integrations
 APPROVED

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 6/3/2015 3:34:06 PM

Quant Time: Jun 03 04:42:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 03 03:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	24010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	103134	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	64802	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	130693	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	138995	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	138146	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	2107	4.17	ng/uL	0.01
5) Phenol-d5	6.84	99	46794	23.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	27713	22.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	42547	25.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	37508	21.63	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	20136	25.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	25899	27.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	41085	24.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	28669	14.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	117000	25.32	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	157104	26.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	17457	19.81	ng/ul	0.00
57) Fluorene-d10	15.30	176	115254	25.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	17165	18.77	ng/ul	0.00
70) Anthracene-d10	17.15	188	162810	26.59	ng/ul	0.00
76) Pyrene-d10	19.45	212	181372	26.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	163672	26.54	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.76	163	55443	10.81	ng/ul	97
69) Phenanthrene	17.09	178	7013	1.01	ng/ul#	90
74) Fluoranthene	19.12	202	21306	2.54	ng/ul	98
77) Pyrene	19.48	202	20982	2.41	ng/ul	99
80) Benzo(a)anthracene	21.22	228	11190	1.35	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.16	149	12153	2.16	ng/ul	94
82) Chrysene	21.28	228	14028	1.83	ng/ul	95
85) Benzo(b)fluoranthene	22.81	252	17148	2.06	ng/ul#	95
86) Benzo(k)fluoranthene	22.83	252	8153m	1.04	ng/ul	
88) Benzo(a)pyrene	23.38	252	13457	1.71	ng/ul#	81
89) Indeno(1,2,3-cd)pyrene	25.75	276	10130	1.14	ng/ul#	95
91) Benzo(g,h,i)perylene	26.47	276	9428	1.27	ng/ul#	95

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

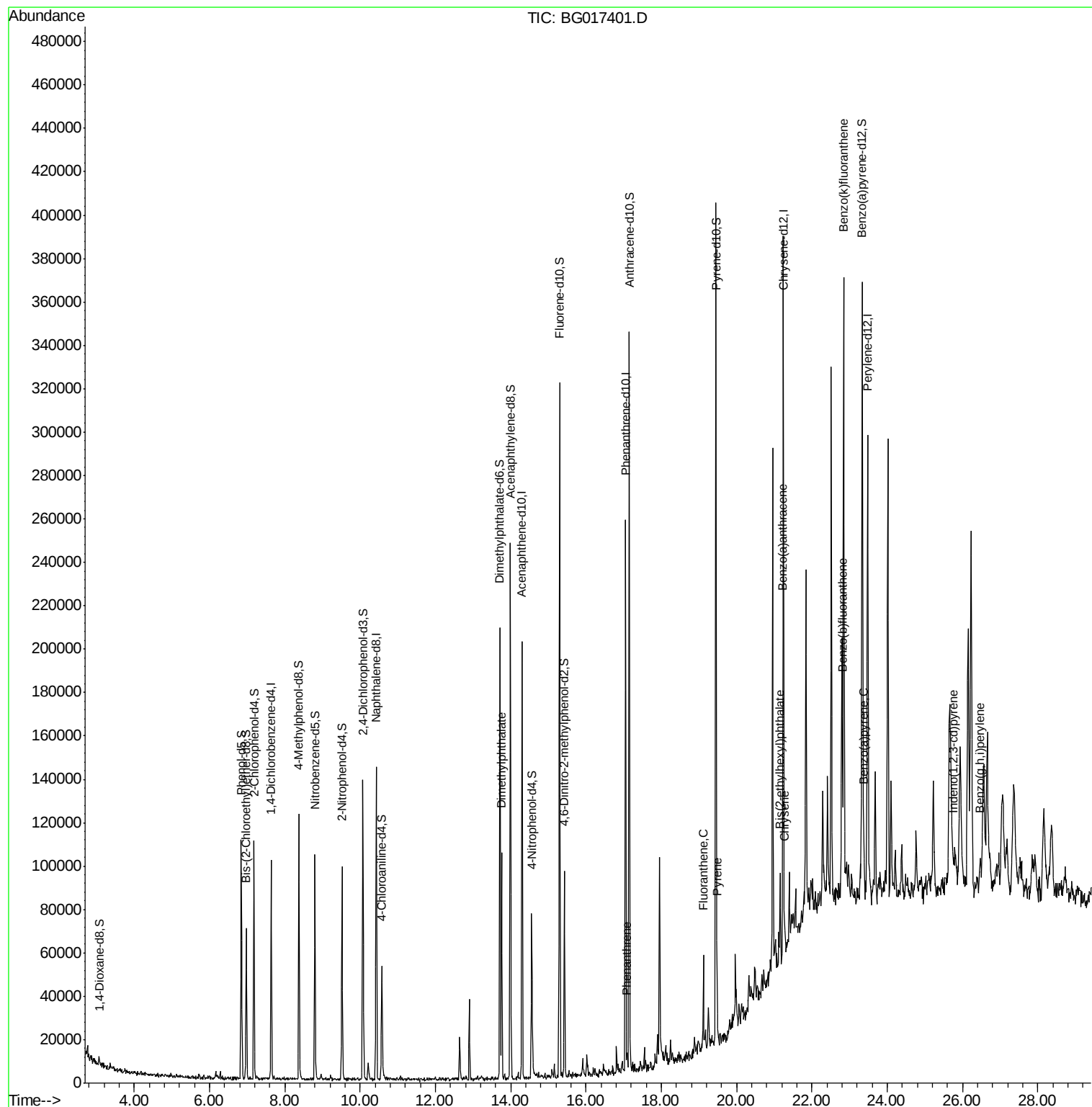
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
Data File : BG017401.D
Acq On : 2 Jun 2015 18:46
Operator : TP/IZ
Sample : G2430-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

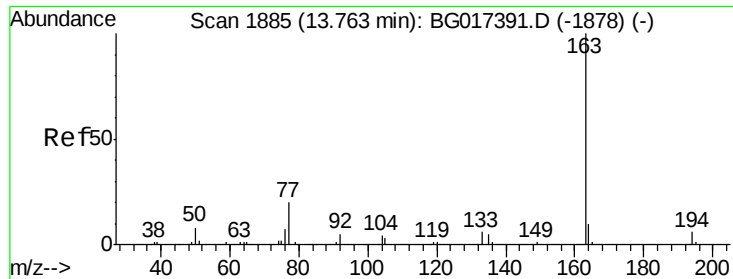
Instrument :
BNA_G
ClientSampleId :
BCRE7

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Quant Title : SVOA CALIBRATION
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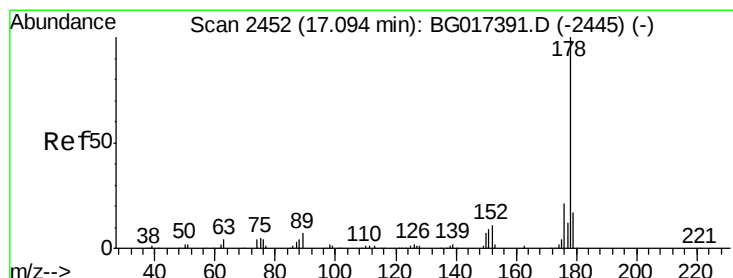
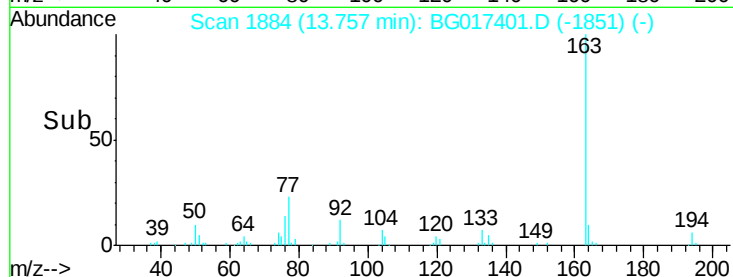
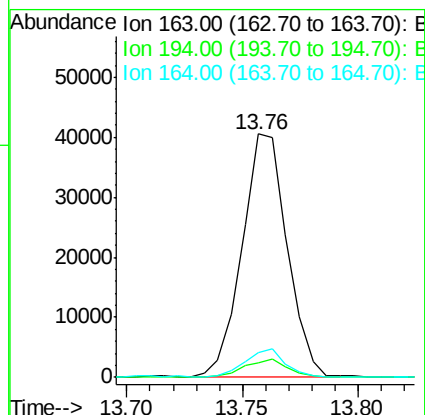
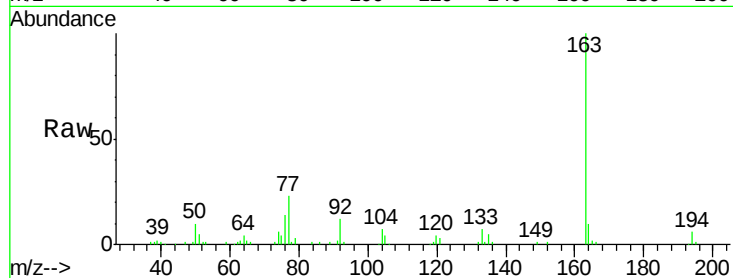
#44
Dimethylphthalate
Concen: 10.81 ng/ul
RT: 13.76 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG017401.D
Acq: 2 Jun 2015 18:46

Instrument :
BNA_G
ClientSampleId :
BCRE7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	5.2	7.8
164	9.9	9.2	13.8

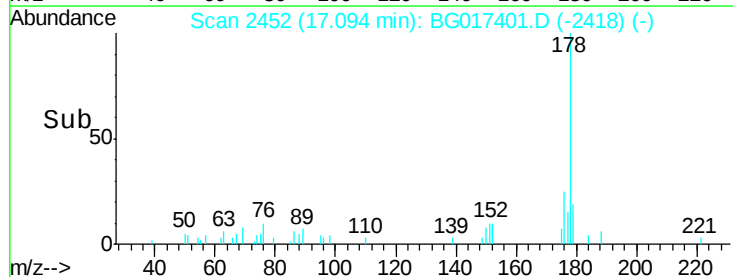
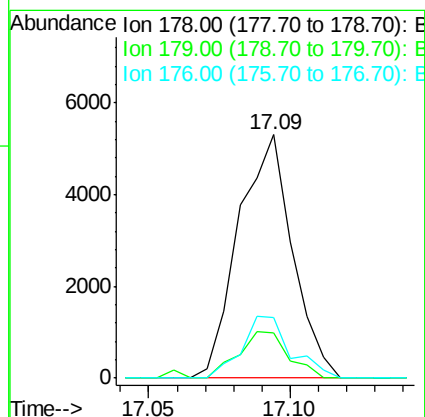
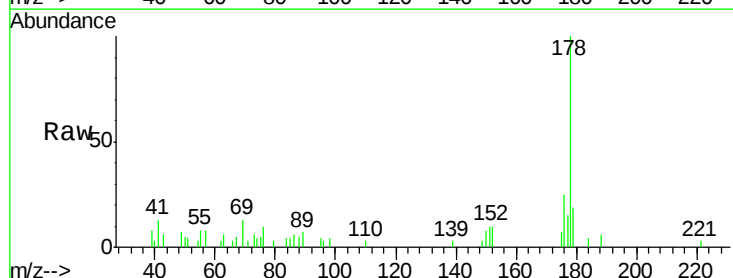
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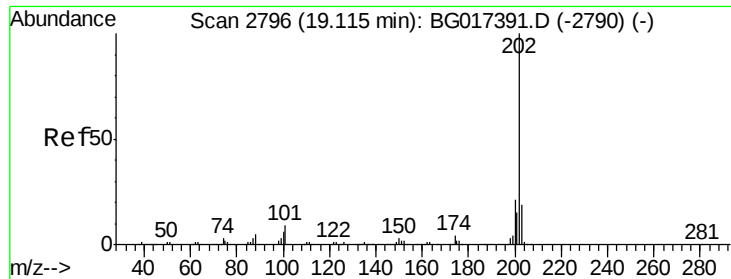
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#69
Phenanthrene
Concen: 1.01 ng/ul
RT: 17.09 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG017401.D
Acq: 2 Jun 2015 18:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.4	18.6
176	24.8	15.5	23.3





#74

Fluoranthene

Concen: 2.54 ng/ul

RT: 19.12 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BG017401.D

Acq: 2 Jun 2015 18:46

Instrument :

BNA_G

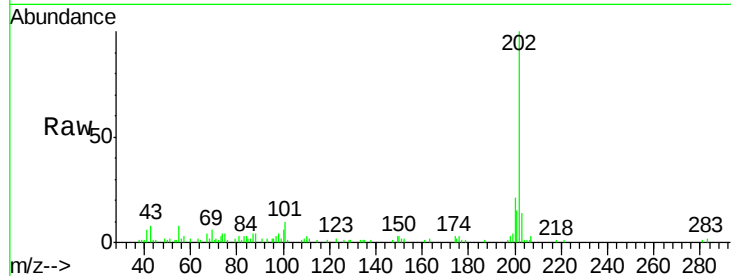
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BCRE7

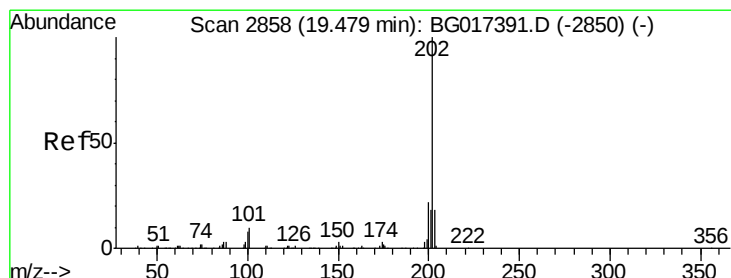
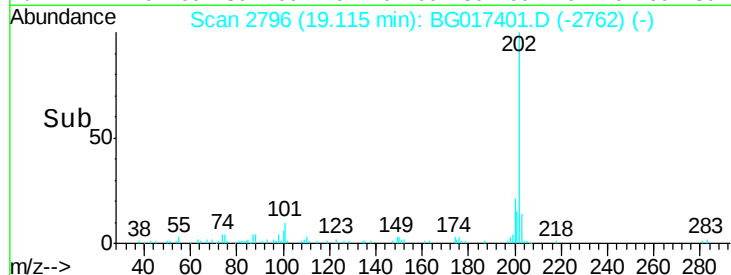
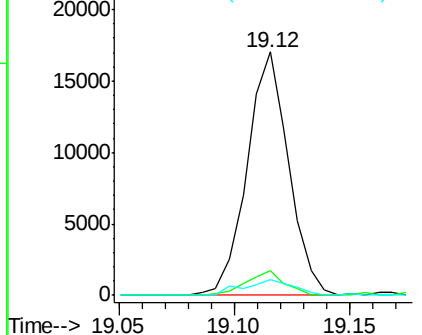
Tgt	Ion	202	Resp:	21306
Ion	Ratio	Lower	Upper	
202	100			
101	10.4	7.8	11.8	
100	6.4	5.8	8.8	

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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): B



#77

Pyrene

Concen: 2.41 ng/ul

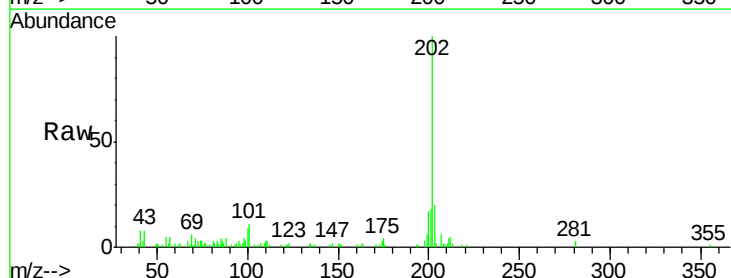
RT: 19.48 min Scan# 2858

Delta R.T. 0.00 min

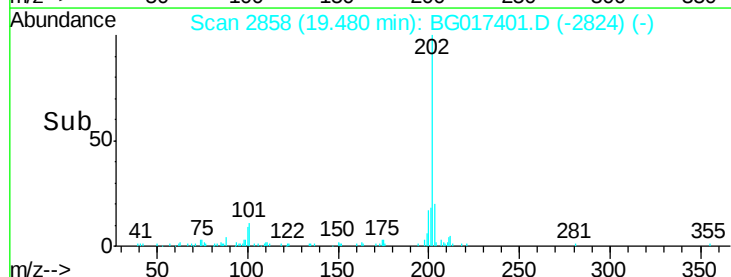
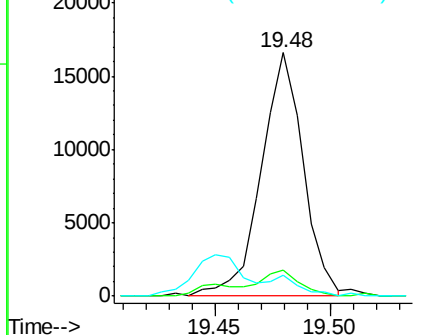
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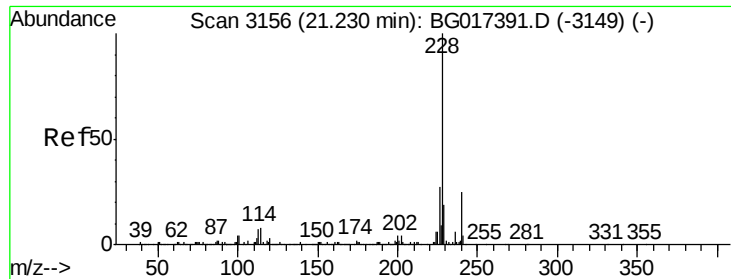
Acq: 2 Jun 2015 18:46

Tgt	Ion	202	Resp:	20982
Ion	Ratio	Lower	Upper	
202	100			
101	10.7	8.6	12.8	
100	8.8	7.4	11.2	



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): B





#80

Benzo(a)anthracene

Concen: 1.35 ng/ul

RT: 21.22 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG017401.D

Acq: 2 Jun 2015 18:46

Instrument :

BNA_G

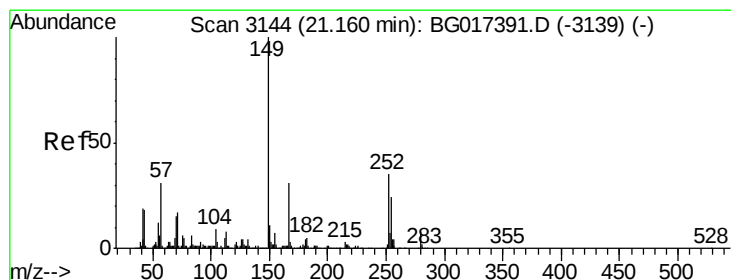
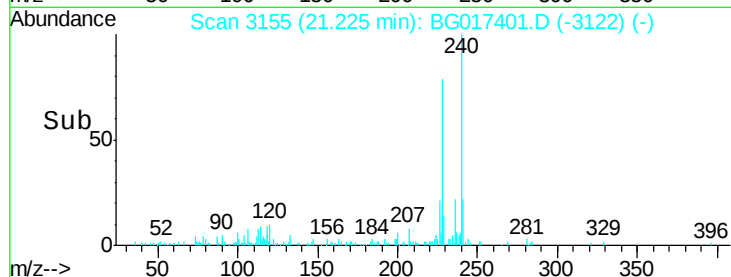
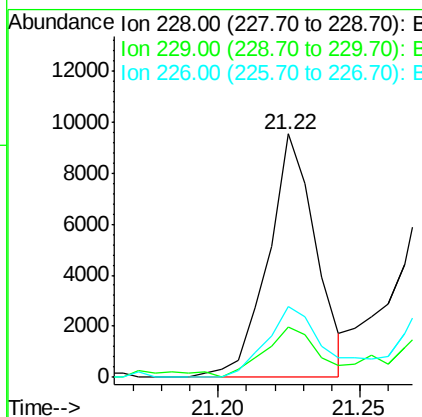
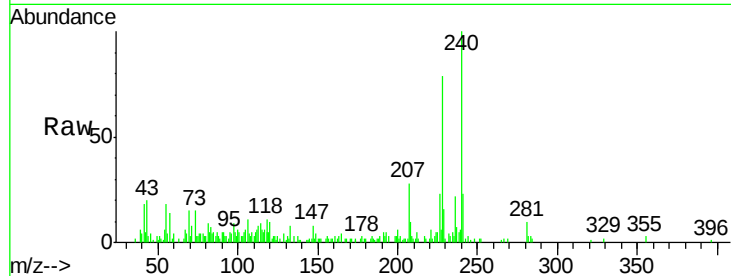
ClientSampleId :

BCRE7

Tgt Ion:	228	Resp:	11190
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.2	24.4
226	28.9	22.2	33.2

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#81

Bis(2-ethylhexyl)phthalate

Concen: 2.16 ng/ul

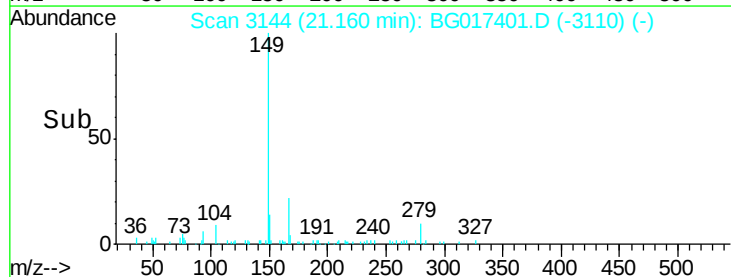
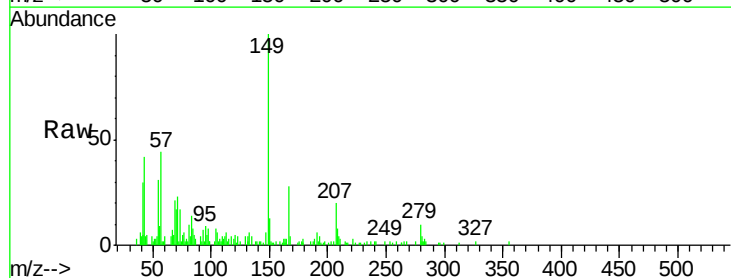
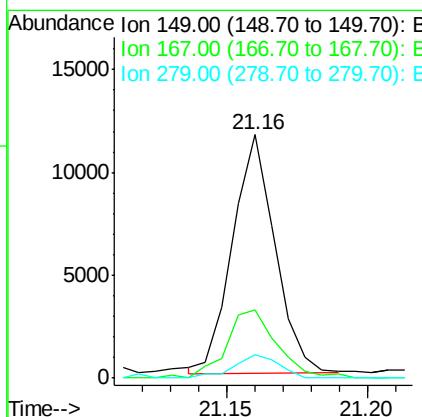
RT: 21.16 min Scan# 3144

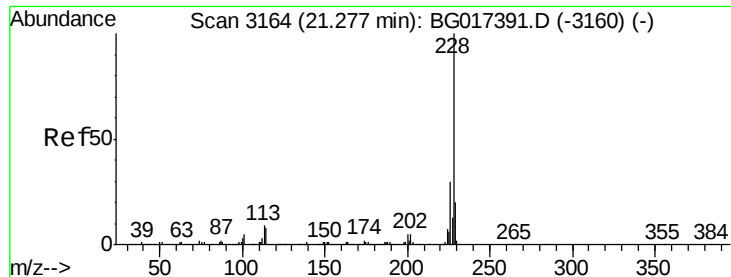
Delta R.T. 0.00 min

Lab File: BG017401.D

Acq: 2 Jun 2015 18:46

Tgt Ion:	149	Resp:	12153
Ion Ratio	Lower	Upper	
149	100		
167	27.8	25.1	37.7
279	9.8	7.0	10.4





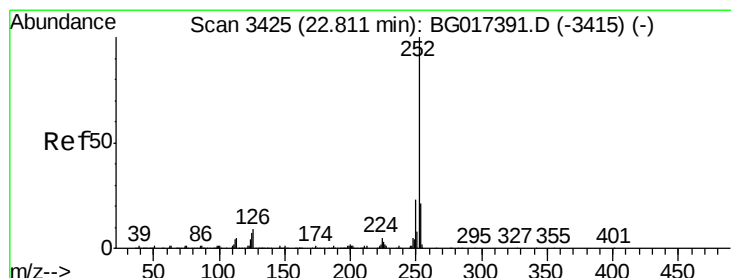
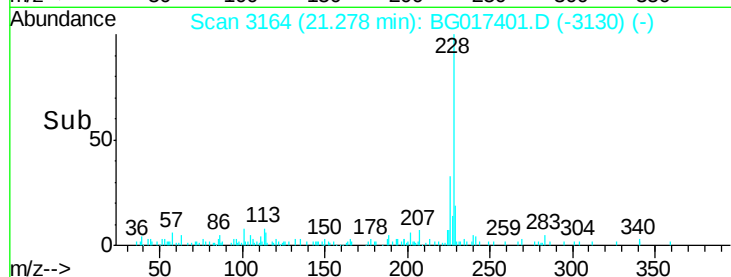
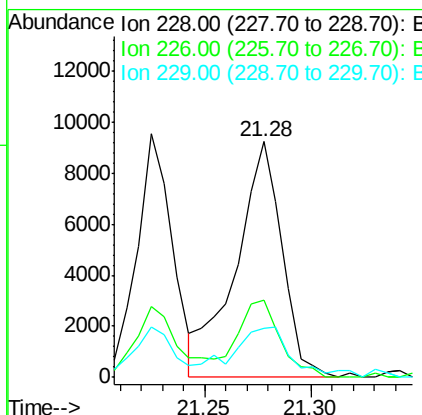
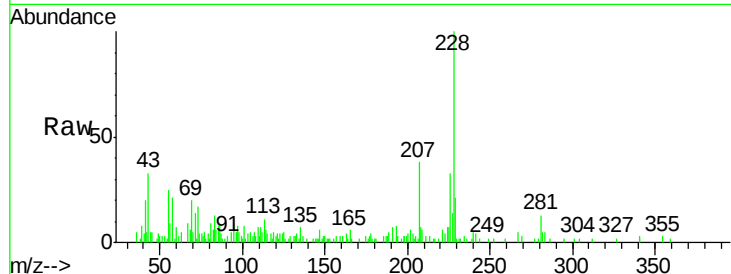
#82
Chrysene
Concen: 1.83 ng/ul
RT: 21.28 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG017401.D
Acq: 2 Jun 2015 18:46

Instrument :
BNA_G
ClientSampleId :
BCRE7

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.0	34.4
229	20.7	15.7	23.5

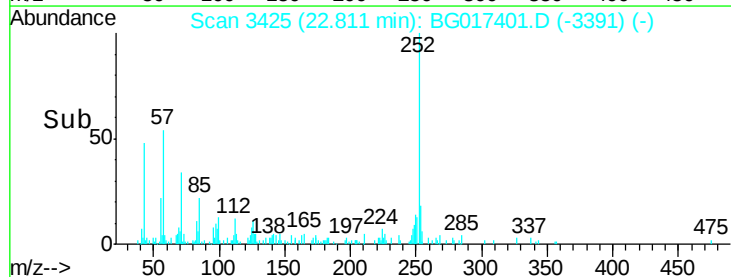
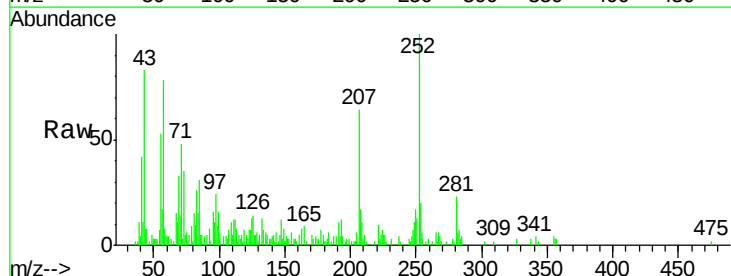
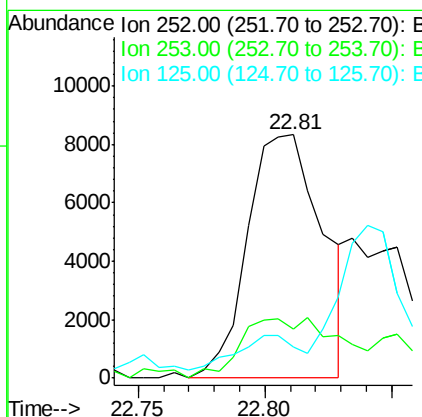
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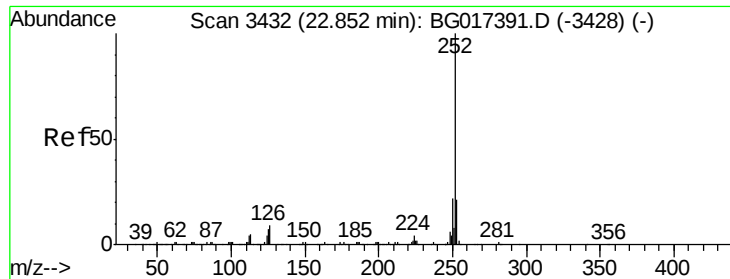
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#85
Benzo(b)fluoranthene
Concen: 2.06 ng/ul
RT: 22.81 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BG017401.D
Acq: 2 Jun 2015 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.0	16.6	25.0
125	12.5	5.4	8.0





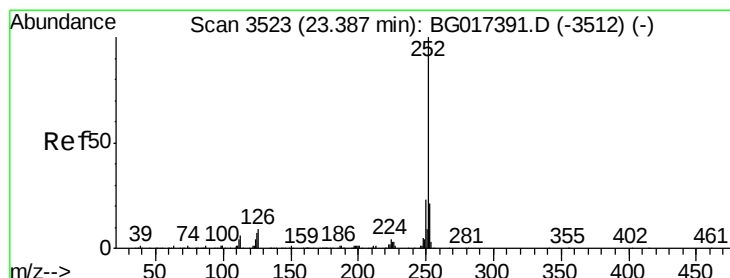
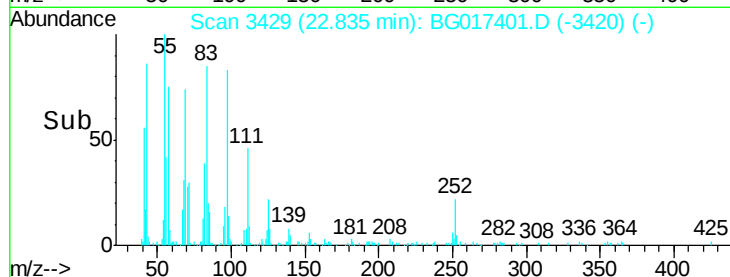
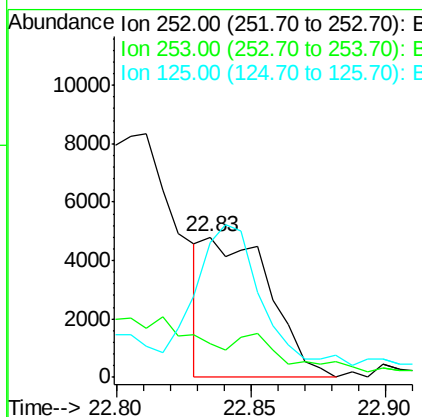
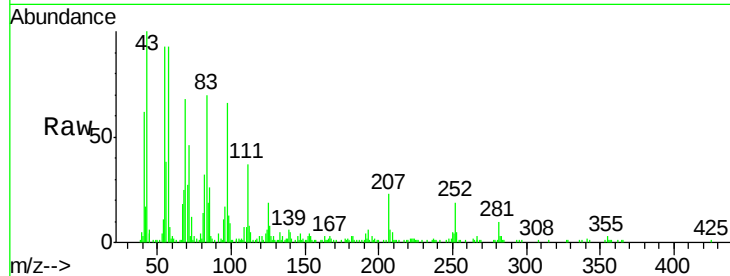
#86
Benzo(k)fluoranthene
Concen: 1.04 ng/ul m
RT: 22.83 min Scan# 3429
Delta R.T. -0.02 min
Lab File: BG017401.D
Acq: 2 Jun 2015 18:46

Instrument :
BNA_G
ClientSampleId :
BCRE7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	96.0	5.8	8.6

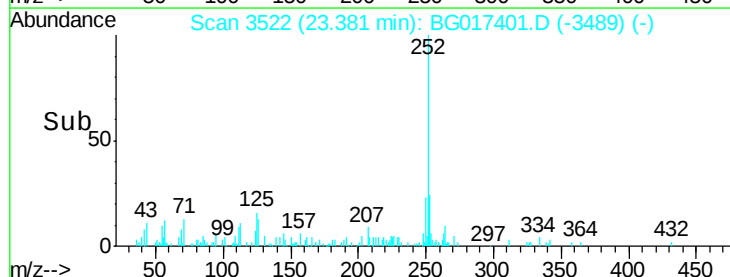
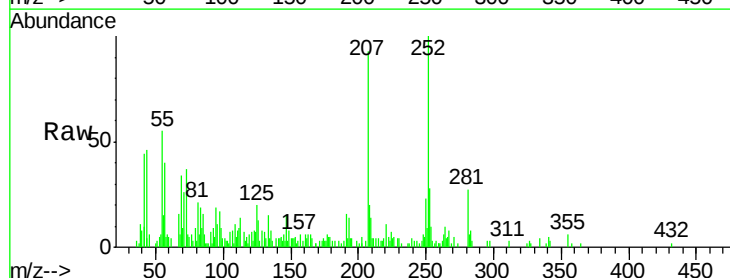
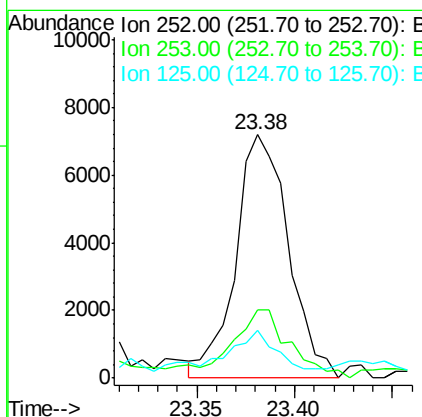
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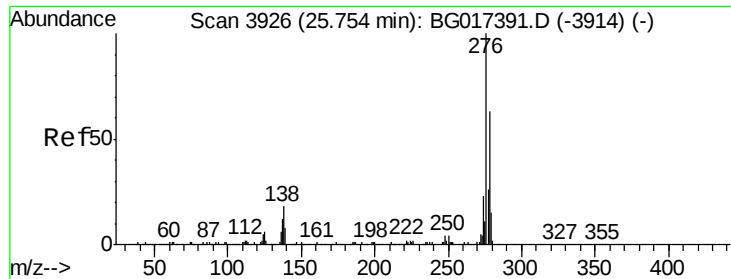
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6/3/2015 3:34:06 PM



#88
Benzo(a)pyrene
Concen: 1.71 ng/ul
RT: 23.38 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG017401.D
Acq: 2 Jun 2015 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	16.9	25.3
125	19.9	7.0	10.4





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.14 ng/ul

RT: 25.75 min Scan# 3926

Delta R.T. 0.00 min

Lab File: BG017401.D

Acq: 2 Jun 2015 18:46

Instrument :

BNA_G

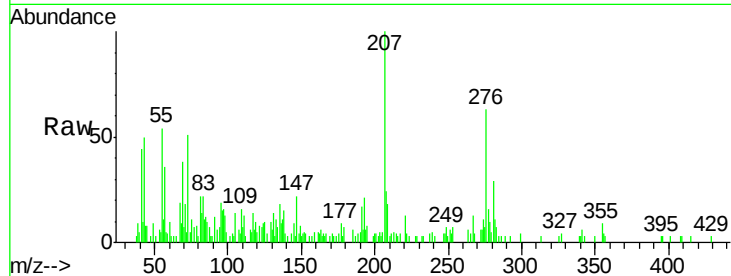
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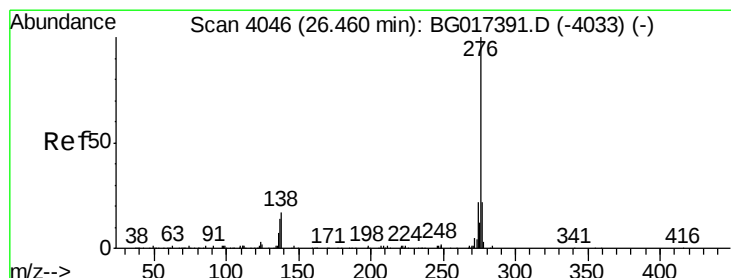
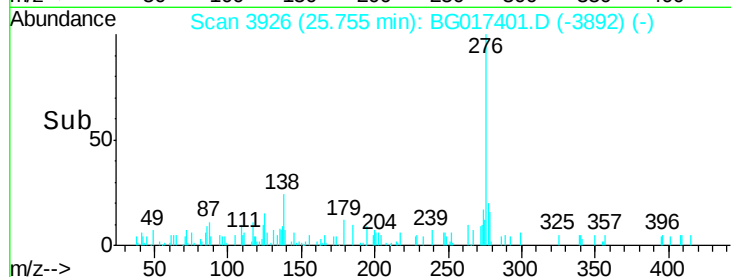
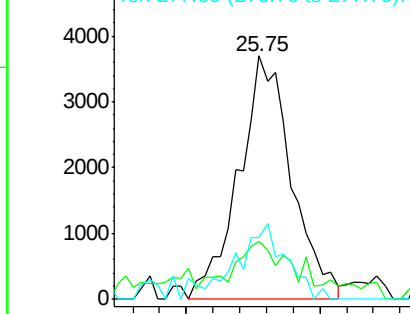
Tgt Ion:	276	Resp:	10130
Ion Ratio		Lower	Upper
276	100		
138	23.8	15.3	22.9#
277	25.6	20.8	31.2

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.27 ng/ul

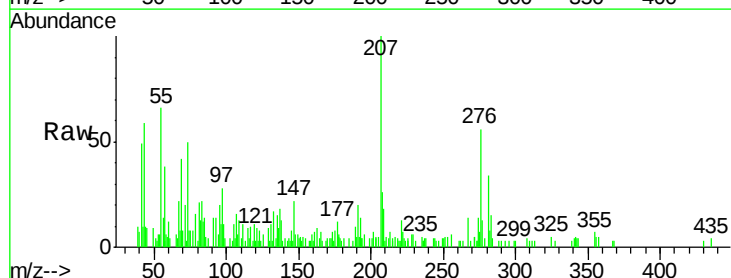
RT: 26.47 min Scan# 4047

Delta R.T. 0.01 min

Lab File: BG017401.D

Acq: 2 Jun 2015 18:46

Tgt Ion:	276	Resp:	9428
Ion Ratio		Lower	Upper
276	100		
138	23.7	15.1	22.7#
277	23.9	19.1	28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

