

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
 Data File : BG017387.D
 Acq On : 2 Jun 2015 2:32
 Operator : TP/IZ
 Sample : G2430-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE1

Manual Integrations
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 6/2/2015 1:23:38 PM

Quant Time: Jun 02 04:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 03:15:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	131398	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	85240	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	181498	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	171627	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	174988	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2436	3.98	ng/uL	0.00
5) Phenol-d5	6.84	99	56457	23.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	33228	22.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	48372	24.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	46879	22.33	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	23410	23.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	28134	23.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	47369	22.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	30305	12.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	136088	22.39	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	181424	23.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	22487	19.40	ng/ul	0.00
57) Fluorene-d10	15.30	176	131307	22.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	22367	17.61	ng/ul	0.00
70) Anthracene-d10	17.15	188	185008	21.76	ng/ul	0.00
76) Pyrene-d10	19.45	212	196830	23.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	165523	21.19	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.77	163	82517	12.23	ng/ul	97
69) Phenanthrene	17.10	178	20390	2.11	ng/ul	98
74) Fluoranthene	19.12	202	61401	5.27	ng/ul#	96
77) Pyrene	19.48	202	60372	5.62	ng/ul	98
80) Benzo(a)anthracene	21.23	228	30961	3.03	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.16	149	23688	3.41	ng/ul	98
82) Chrysene	21.28	228	29334	3.10	ng/ul	92
85) Benzo(b)fluoranthene	22.81	252	40027	3.80	ng/ul#	96
86) Benzo(k)fluoranthene	22.85	252	15343m	1.55	ng/ul	
88) Benzo(a)pyrene	23.39	252	28586	2.87	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.77	276	19789	1.76	ng/ul	99
91) Benzo(g,h,i)perylene	26.46	276	20374m	2.17	ng/ul	

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

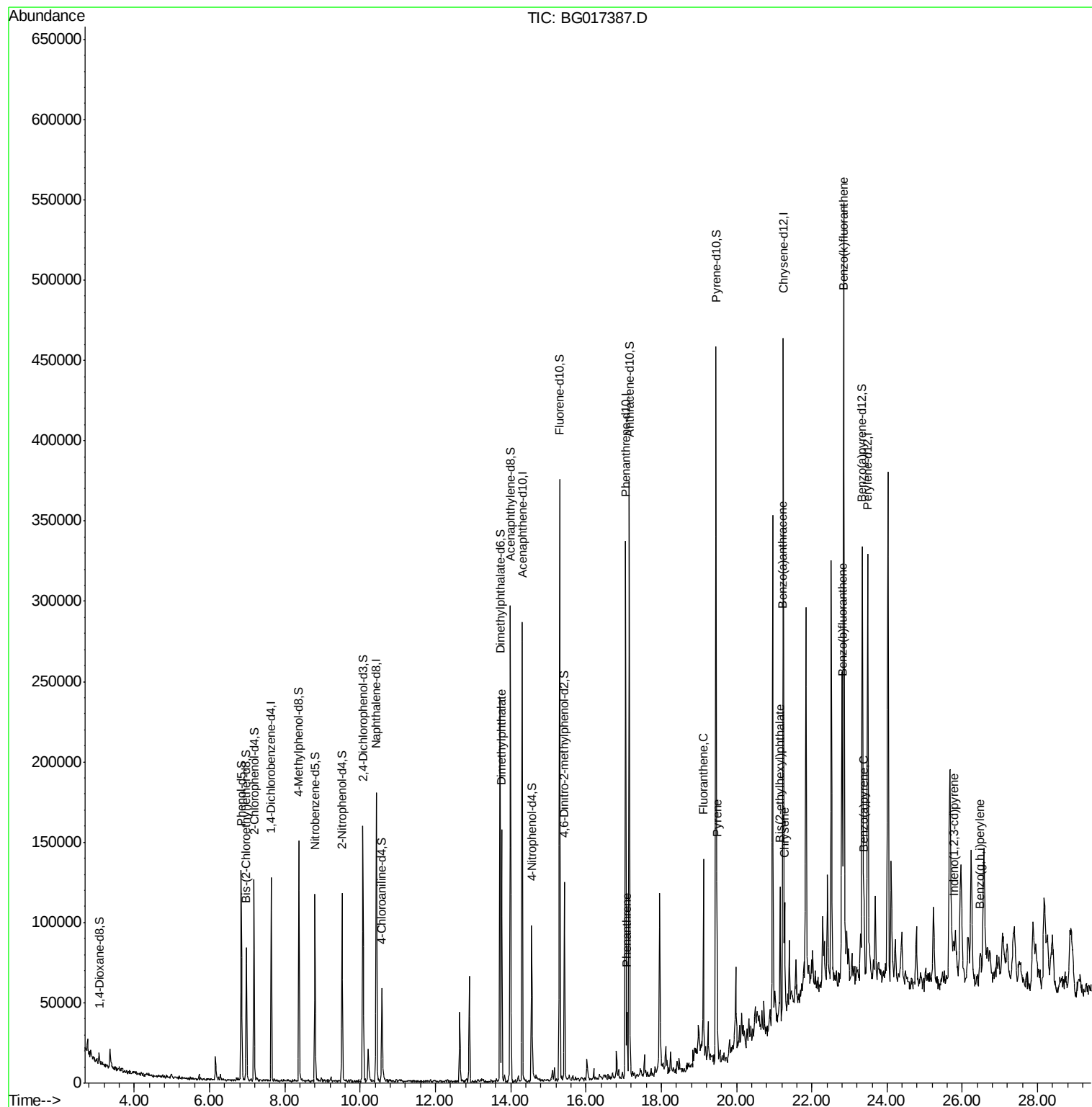
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017387.D
Acq On : 2 Jun 2015 2:32
Operator : TP/IZ
Sample : G2430-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

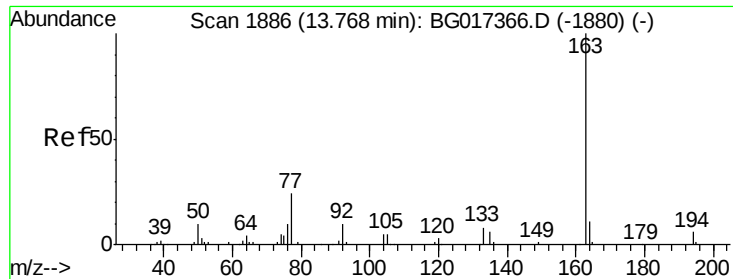
Instrument :
BNA_G
ClientSampleId :
BCRE1

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Quant Time: Jun 02 04:37:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 03:15:26 2015
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 12.23 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG017387.D

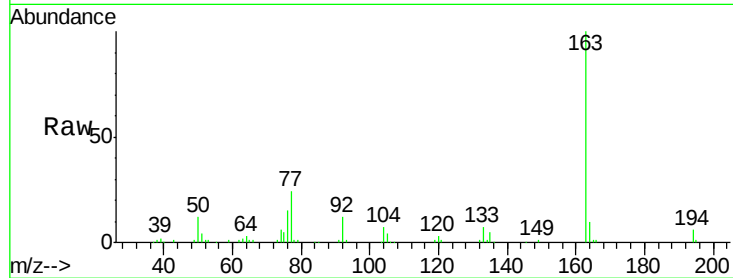
Acq: 2 Jun 2015 2:32

Instrument :

BNA_G

ClientSampleId :

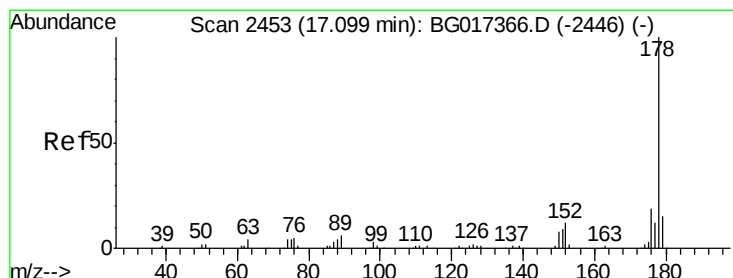
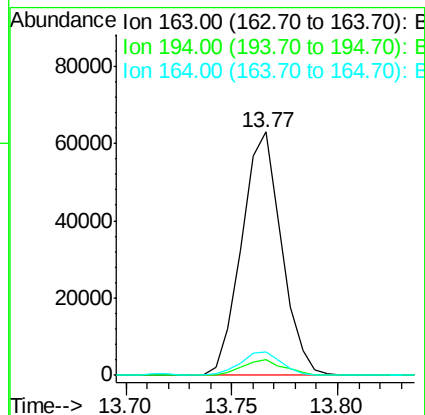
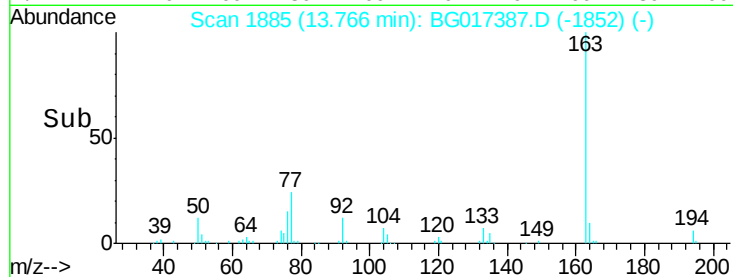
BCRE1



Tgt Ion:	163	Resp:	82517
Ion Ratio	Lower	Upper	
163	100		
194	6.4	5.2	7.8
164	9.6	9.2	13.8

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#69

Phenanthrene

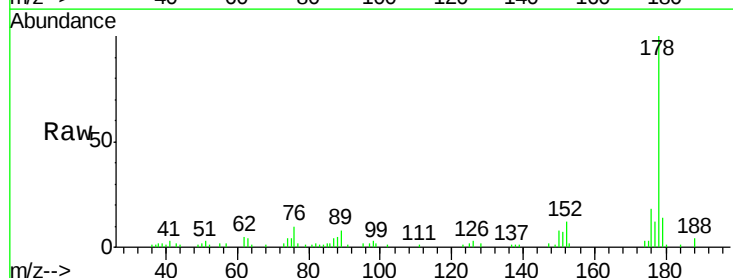
Concen: 2.11 ng/ul

RT: 17.10 min Scan# 2452

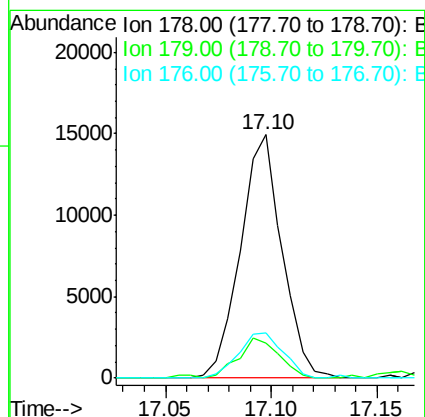
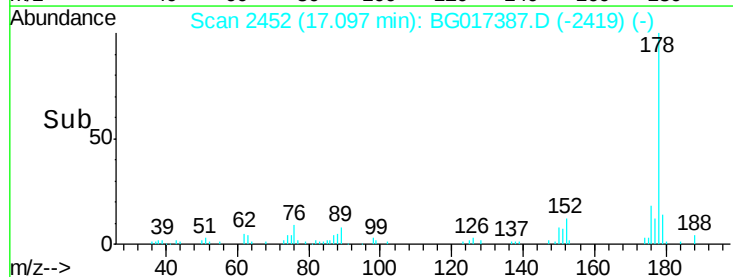
Delta R.T. -0.00 min

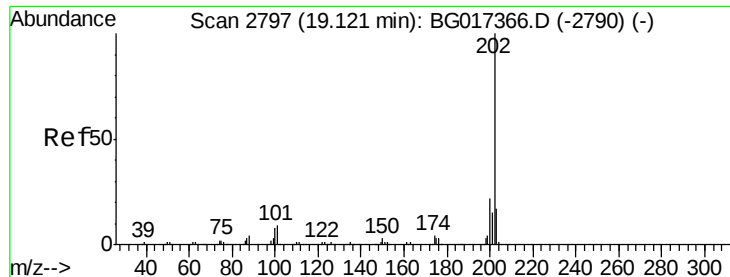
Lab File: BG017387.D

Acq: 2 Jun 2015 2:32



Tgt Ion:	178	Resp:	20390
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.4	18.6
176	18.4	15.5	23.3





#74

Fluoranthene

Concen: 5.27 ng/ul

RT: 19.12 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG017387.D

Acq: 2 Jun 2015 2:32

Instrument :

BNA_G

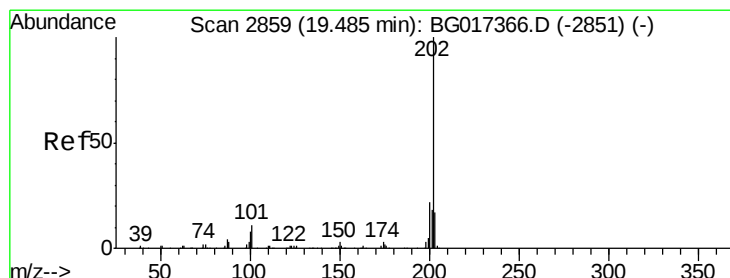
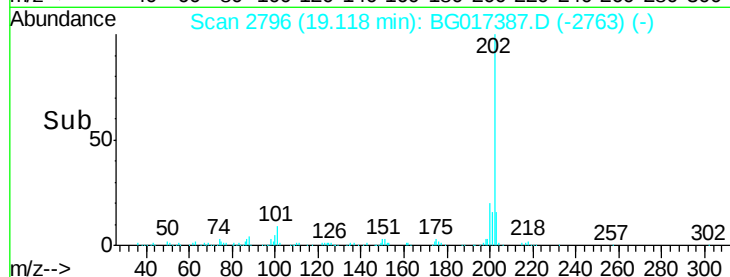
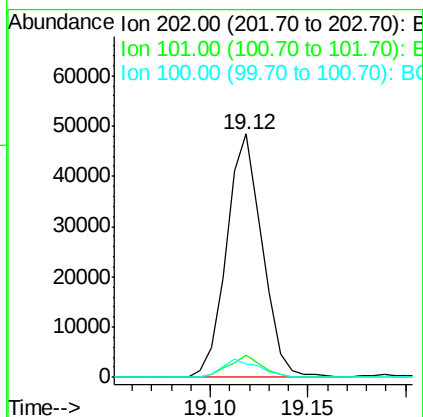
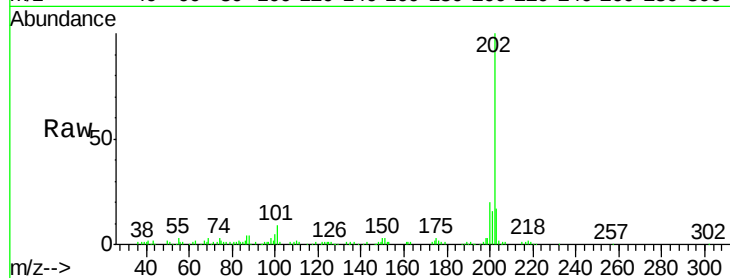
ClientSampleId :

BCRE1

Tgt	Ion	202	Resp:	61401
Ion	Ratio	Lower	Upper	
202	100			
101	9.2	7.8	11.8	
100	5.2	5.8	8.8	

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#77

Pyrene

Concen: 5.62 ng/ul

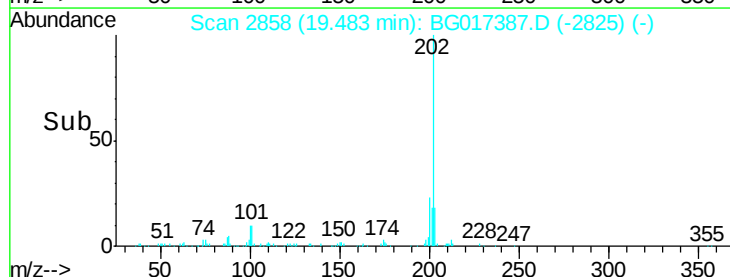
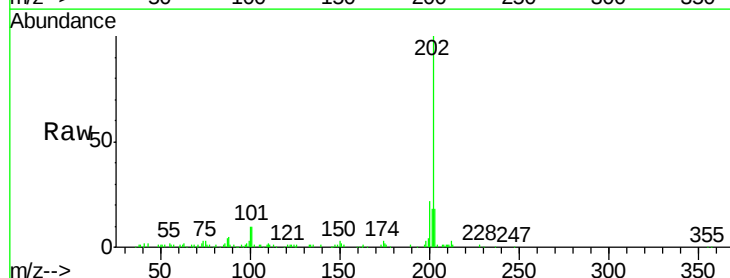
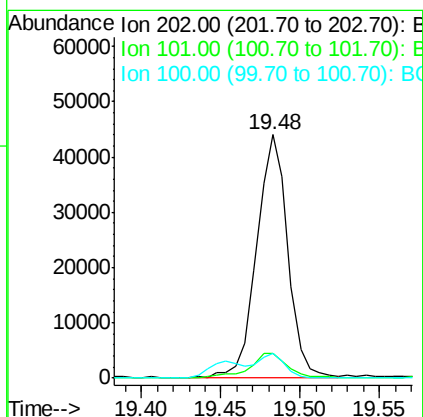
RT: 19.48 min Scan# 2858

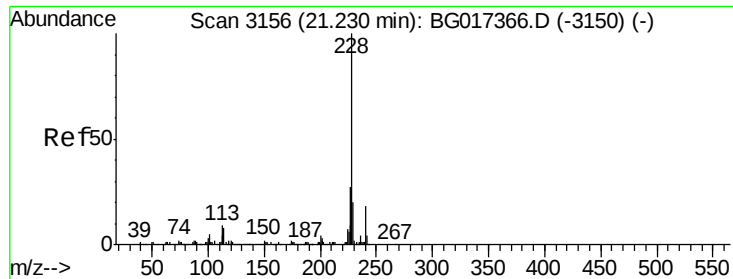
Delta R.T. -0.00 min

Lab File: BG017387.D

Acq: 2 Jun 2015 2:32

Tgt	Ion	202	Resp:	60372
Ion	Ratio	Lower	Upper	
202	100			
101	10.0	8.6	12.8	
100	10.1	7.4	11.2	





#80

Benzo(a)anthracene

Concen: 3.03 ng/ul

RT: 21.23 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG017387.D

Acq: 2 Jun 2015 2:32

Instrument :

BNA_G

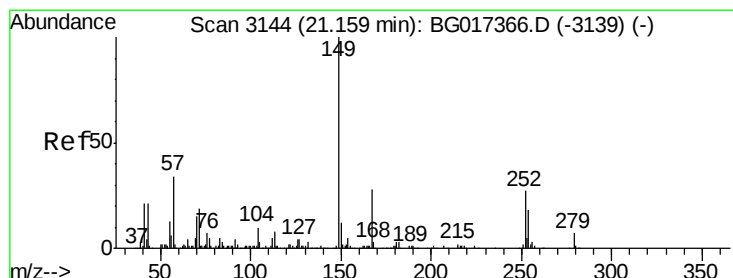
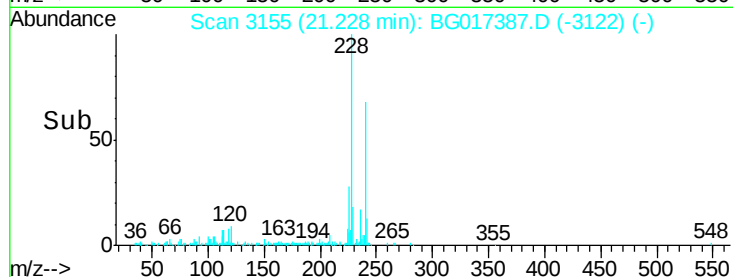
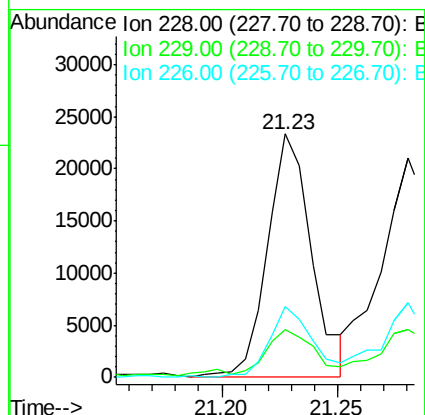
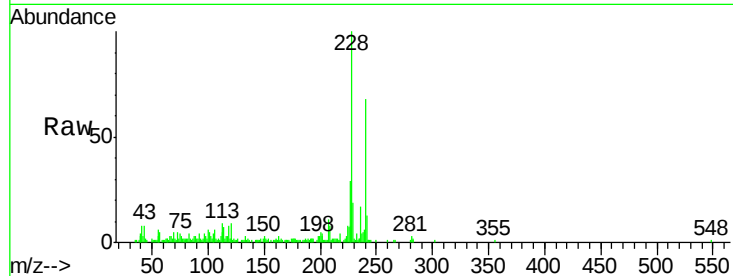
ClientSampleId :

BCRE1

Tgt Ion:	228	Resp:	30961
Ion Ratio	Lower	Upper	
228	100		
229	19.4	16.2	24.4
226	29.1	22.2	33.2

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#81

Bis(2-ethylhexyl)phthalate

Concen: 3.41 ng/ul

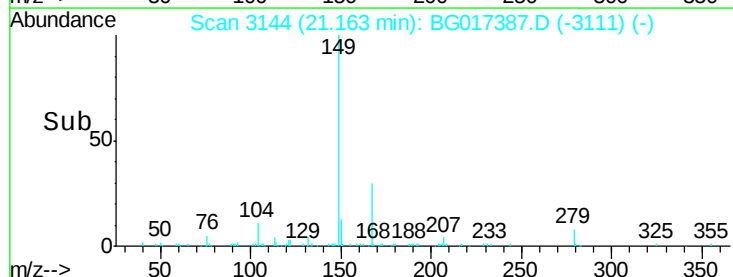
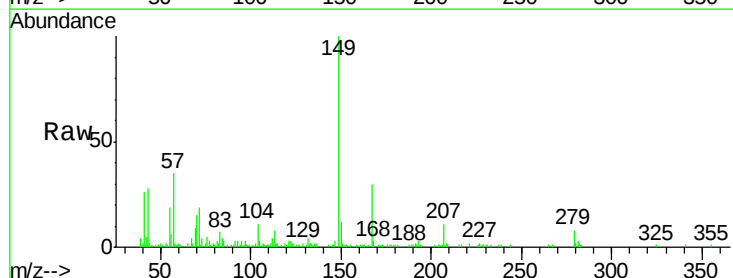
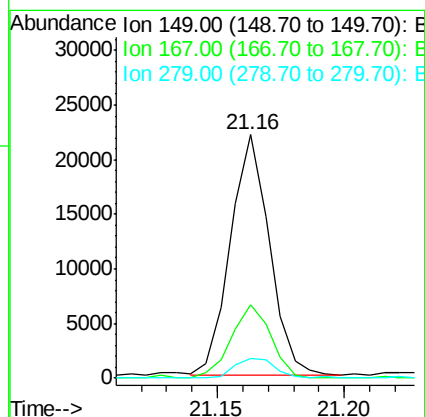
RT: 21.16 min Scan# 3144

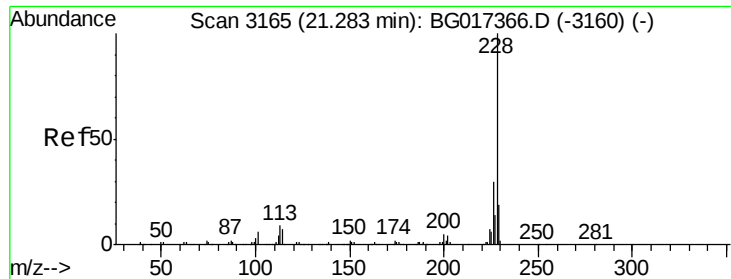
Delta R.T. -0.00 min

Lab File: BG017387.D

Acq: 2 Jun 2015 2:32

Tgt Ion:	149	Resp:	23688
Ion Ratio	Lower	Upper	
149	100		
167	30.0	25.1	37.7
279	8.2	7.0	10.4





#82

Chrysene

Concen: 3.10 ng/ul

RT: 21.28 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG017387.D

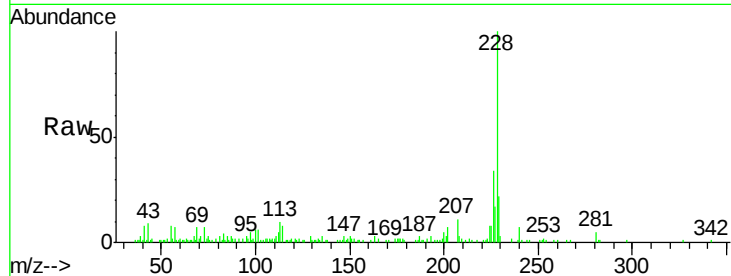
Acq: 2 Jun 2015 2:32

Instrument :

BNA_G

ClientSampleId :

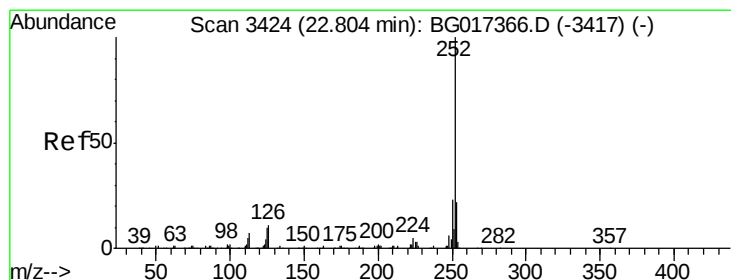
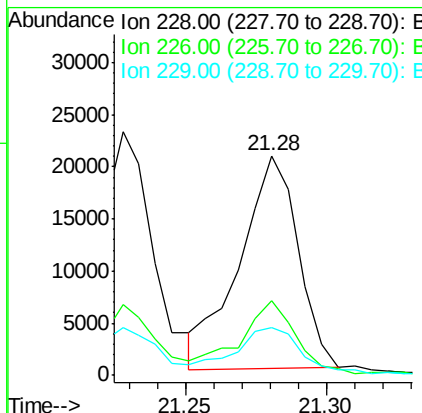
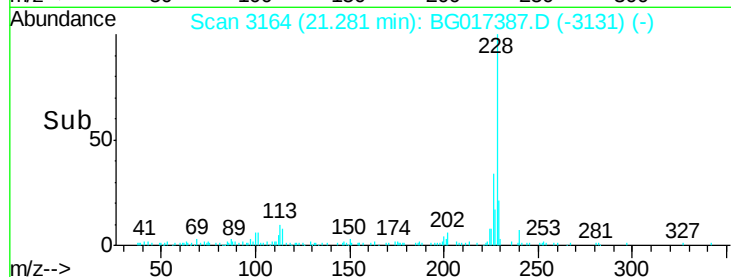
BCRE1



Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	23.0	34.4
229	21.6	15.7	23.5

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#85

Benzo(b)fluoranthene

Concen: 3.80 ng/ul

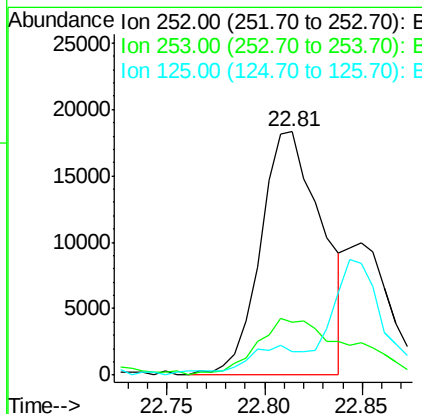
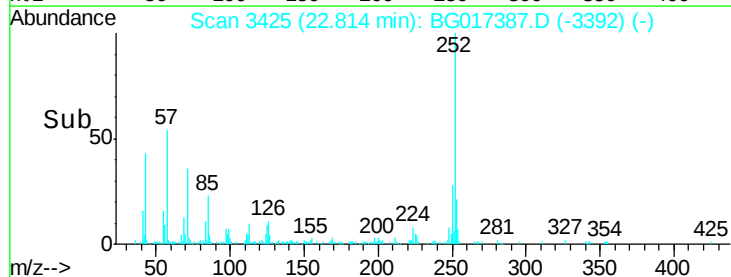
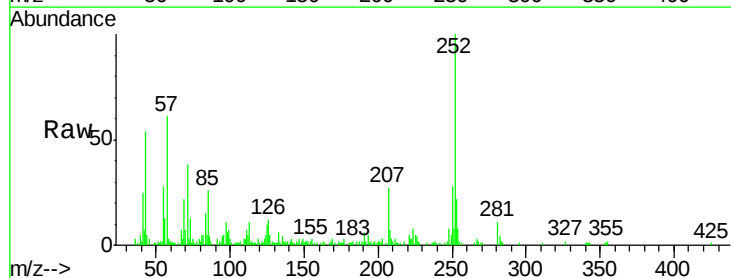
RT: 22.81 min Scan# 3425

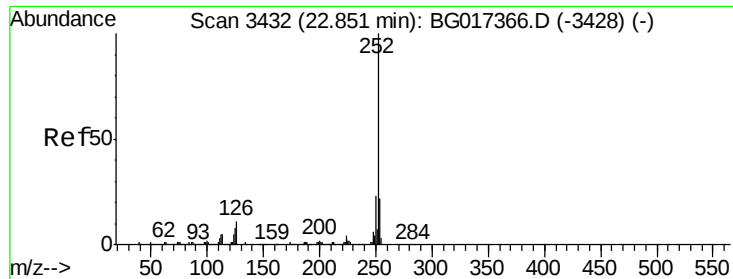
Delta R.T. -0.00 min

Lab File: BG017387.D

Acq: 2 Jun 2015 2:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	25.0
125	9.8	5.4	8.0#





#86

Benzo(k)fluoranthene

Concen: 1.55 ng/ul m

RT: 22.85 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BG017387.D

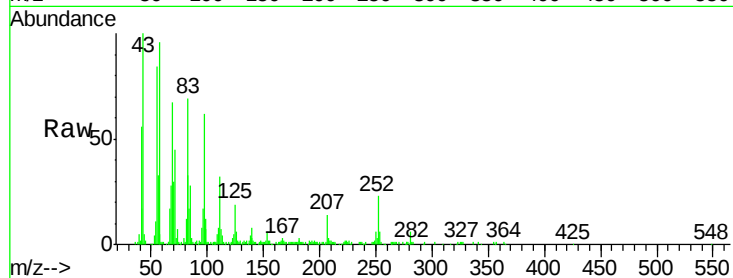
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Instrument :

BNA_G

ClientSampled :

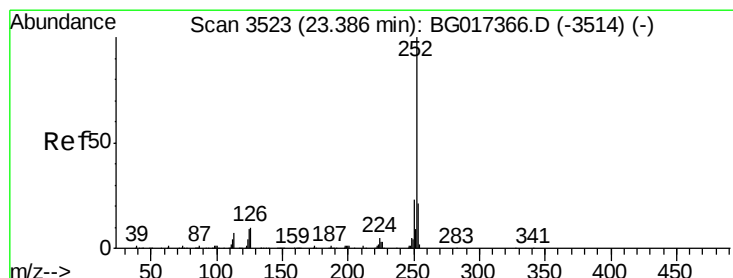
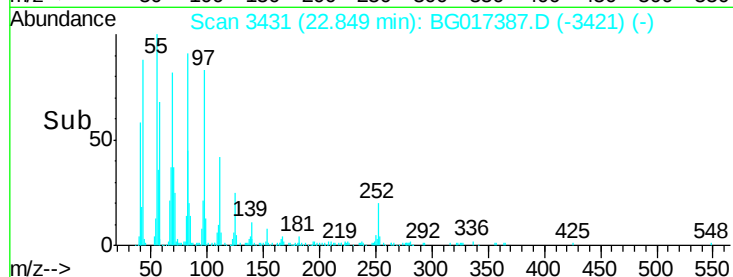
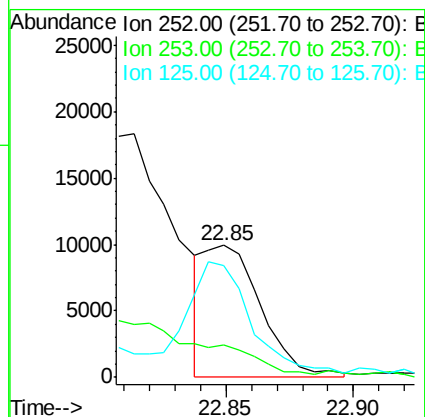
BCRE1



Tgt Ion:	252	Resp:	15343
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.1	25.7
125	84.7	5.8	8.6#

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#88

Benzo(a)pyrene

Concen: 2.87 ng/ul

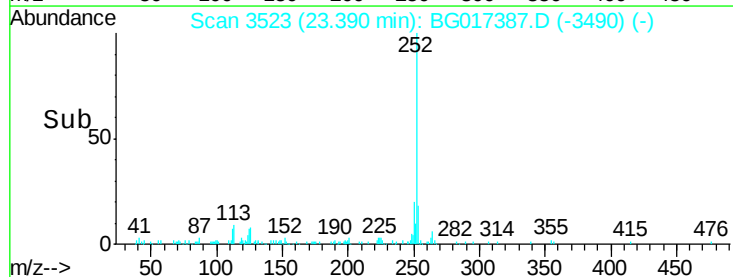
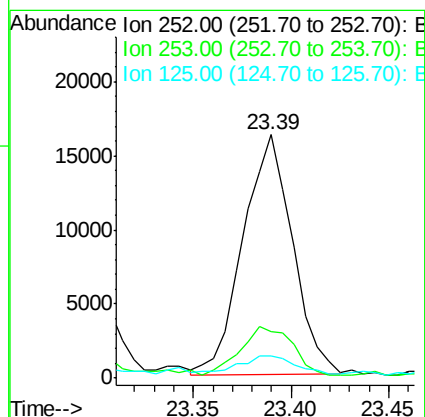
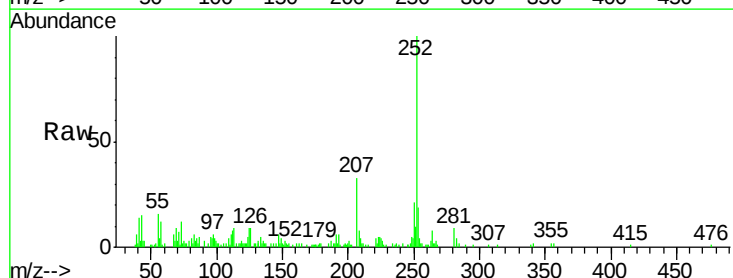
RT: 23.39 min Scan# 3523

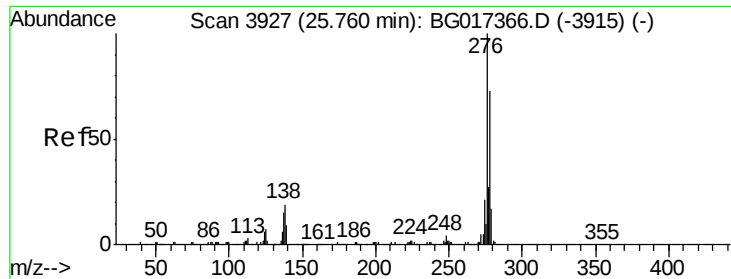
Delta R.T. -0.00 min

Lab File: BG017387.D

Acq: 2 Jun 2015 2:32

Tgt Ion:	252	Resp:	28586
Ion Ratio	Lower	Upper	
252	100		
253	19.0	16.9	25.3
125	9.2	7.0	10.4





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.76 ng/ul

RT: 25.77 min Scan# 3928

Delta R.T. -0.00 min

Lab File: BG017387.D

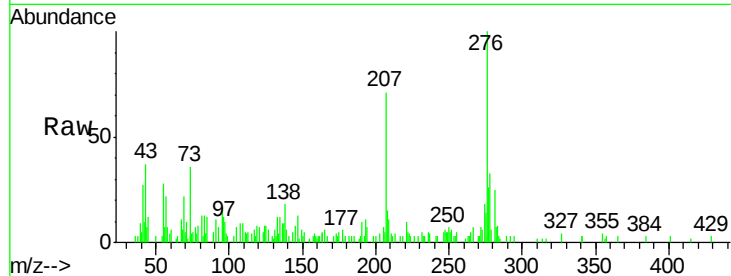
Acq: 2 Jun 2015 2:32

Instrument :

BNA_G

ClientSampleId :

BCRE1



Tgt Ion: 276 Resp: 19789

Ion Ratio Lower Upper

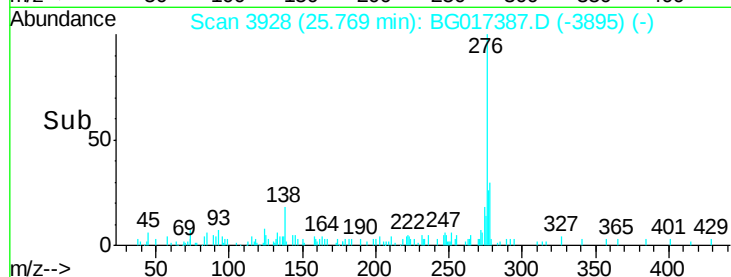
276 100

138 17.6 15.3 22.9

277 26.0 20.8 31.2

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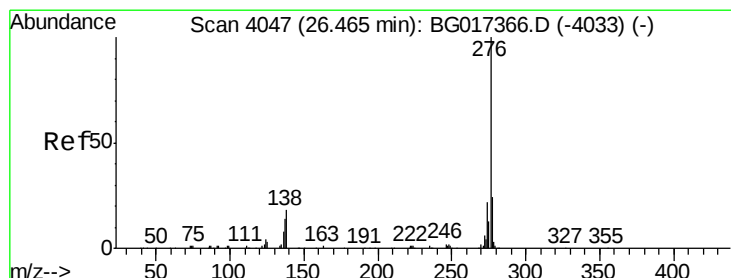
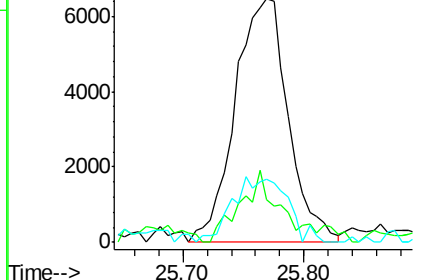
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.17 ng/ul m

RT: 26.46 min Scan# 4046

Delta R.T. -0.02 min

Lab File: BG017387.D

Acq: 2 Jun 2015 2:32

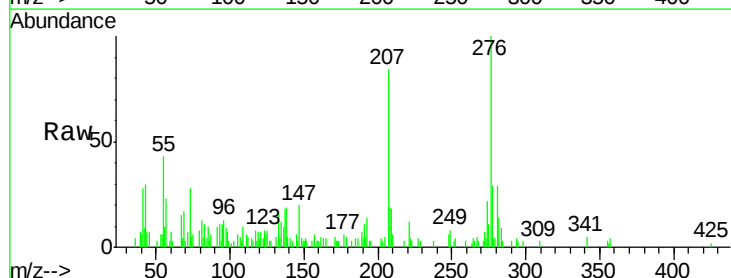
Tgt Ion: 276 Resp: 20374

Ion Ratio Lower Upper

276 100

138 19.4 15.1 22.7

277 28.7 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

