

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022795.D
 Acq On : 2 Jul 2016 15:48
 Operator : UM/SJ
 Sample : H3752-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHN3

Manual Integrations

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Quant Time: Jul 05 11:33:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 08:19:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	181489	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	779017	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	588084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1367560	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1558305	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1598559	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5399m	1.66	ng/uL	0.00
5) Phenol-d5	7.31	99	269134	14.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	166835	15.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	174716	13.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	207250	13.98	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	97921	15.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	119925	16.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	227424	14.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	257141	19.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	856807	17.93	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	920135	16.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	115240	15.36	ng/ul	0.00
57) Fluorene-d10	15.79	176	779249	17.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	130121	14.79	ng/ul	0.00
70) Anthracene-d10	17.66	188	1137719	17.90	ng/ul	0.00
76) Pyrene-d10	19.94	212	1482488	19.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1501444	19.77	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	14.24	163	101650	2.08	ng/ul	96
69) Phenanthrene	17.60	178	475332	6.80	ng/ul	98
71) Anthracene	17.69	178	210788	2.93	ng/ul	97
74) Fluoranthene	19.60	202	976250	13.40	ng/ul#	85
77) Pyrene	19.97	202	715680	8.20	ng/ul#	83
80) Benzo(a)anthracene	21.84	228	456394	4.99	ng/ul	97
82) Chrysene	21.91	228	409026	4.92	ng/ul	95
85) Benzo(b)fluoranthene	24.15	252	490967	4.91	ng/ul#	90
86) Benzo(k)fluoranthene	24.22	252	190413m	2.03	ng/ul	
88) Benzo(a)pyrene	25.07	252	366649m	3.86	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.08	276	217510m	2.17	ng/ul	
91) Benzo(g,h,i)perylene	30.29	276	174590	2.22	ng/ul#	81

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

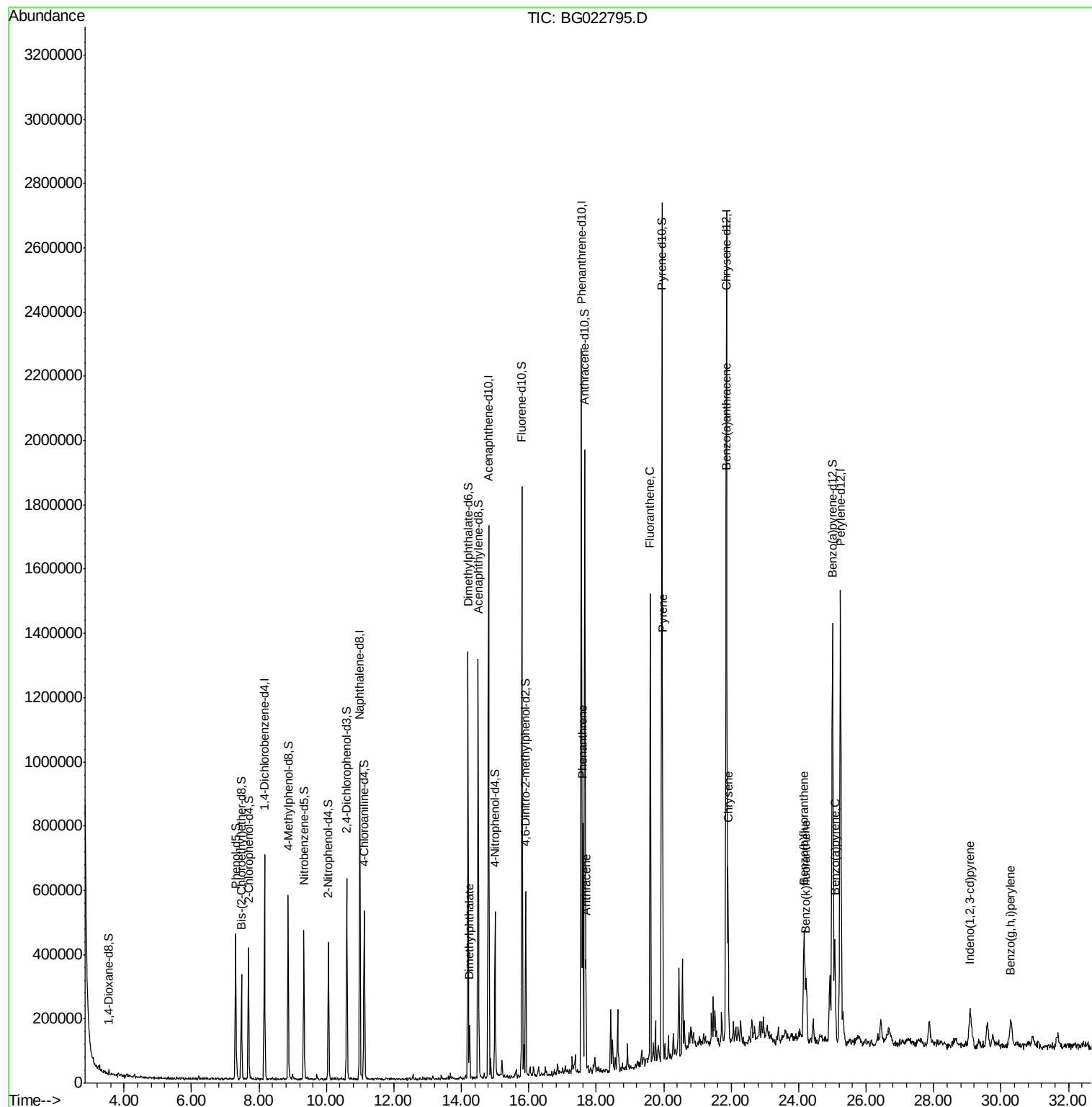
Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
Data File : BG022795.D
Acq On : 2 Jul 2016 15:48
Operator : UM/SJ
Sample : H3752-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

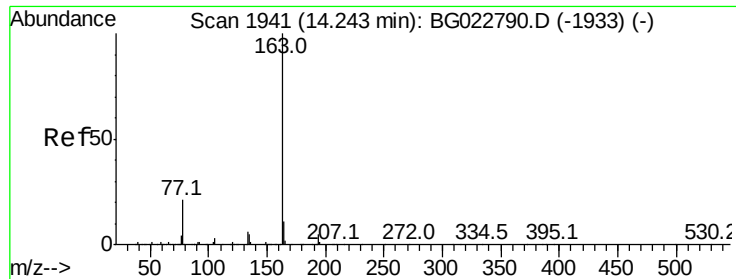
Instrument :
BNA_G
ClientSampleId :
BDHN3

Manual Integrations

Quant Time: Jul 05 11:33:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 08:19:32 2016
Response via : Initial Calibration

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#44

Dimethylphthalate

Concen: 2.08 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Instrument :

BNA_G

ClientSampleId :

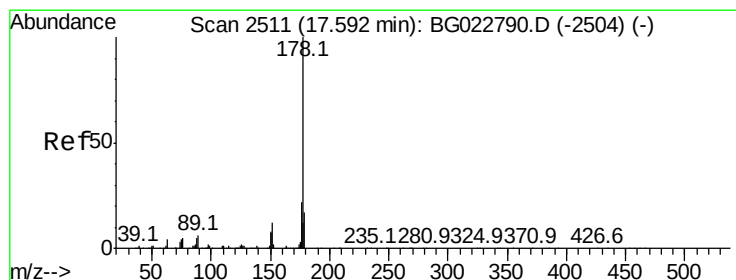
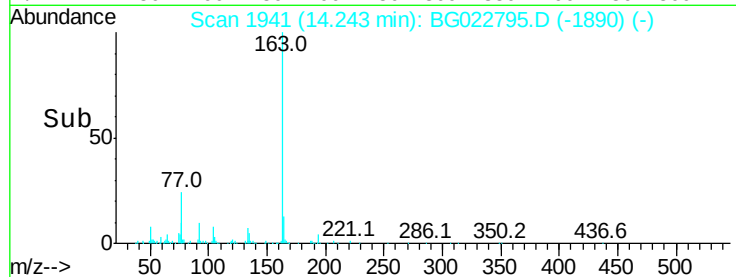
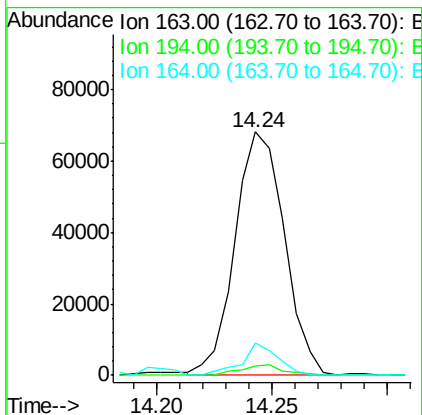
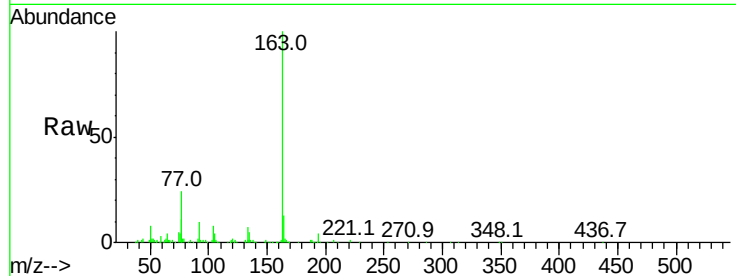
BDHN3

Tot Ion:	163	Resp:	101650
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	13.1	8.8	13.2

Manual Integrations

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#69

Phenanthrene

Concen: 6.80 ng/ul

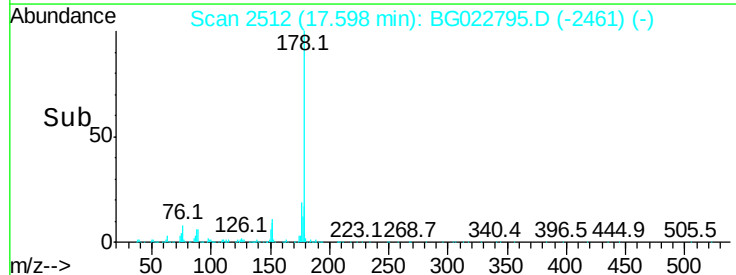
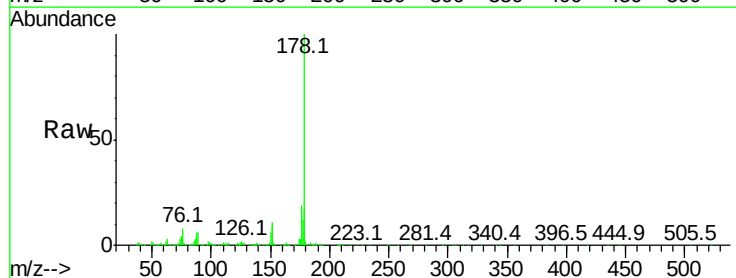
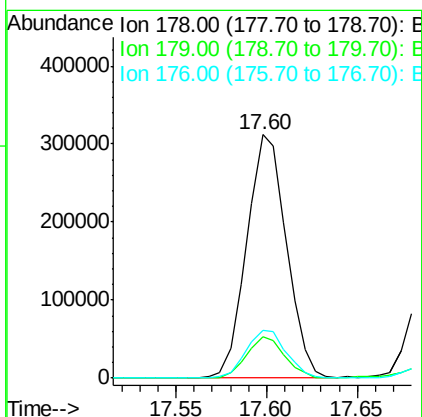
RT: 17.60 min Scan# 2512

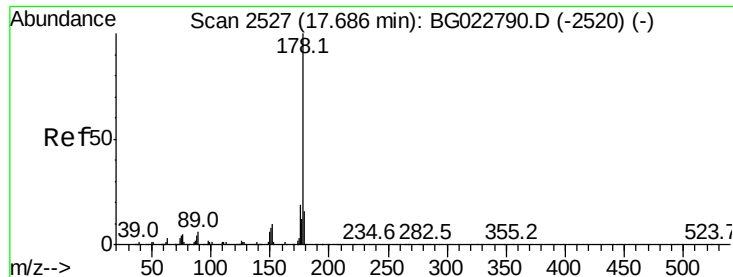
Delta R.T. -0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Tgt Ion:	178	Resp:	475332
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.9	19.3
176	19.4	15.8	23.8





#71

Anthracene

Concen: 2.93 ng/ul

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Instrument :

BNA_G

ClientSampleId :

BDHN3

Tot Ion:178 Resp: 210788

Ion Ratio Lower Upper

178 100

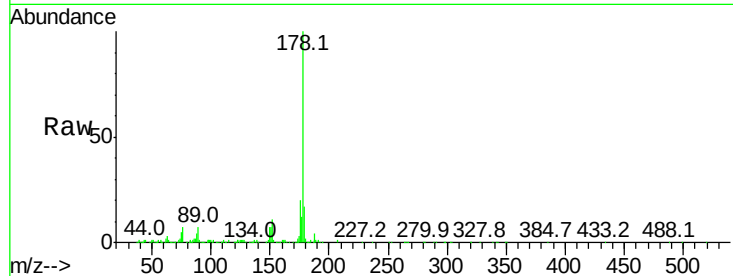
179 17.5 12.3 18.5

176 19.7 16.3 24.5

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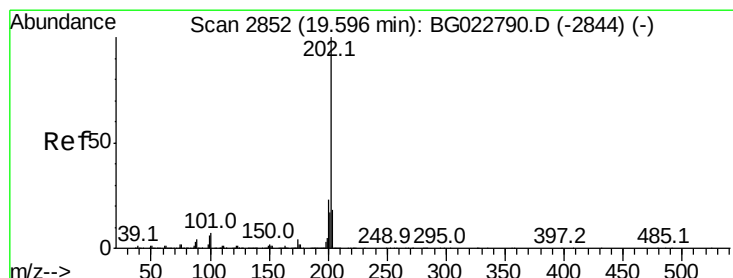
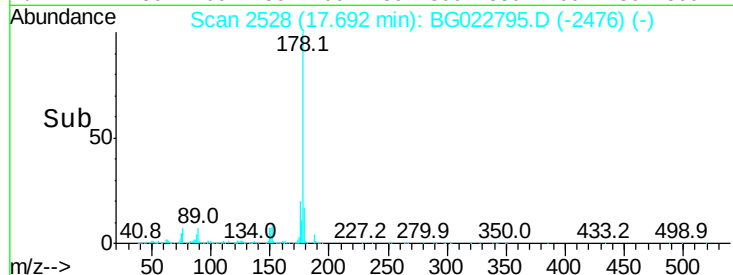
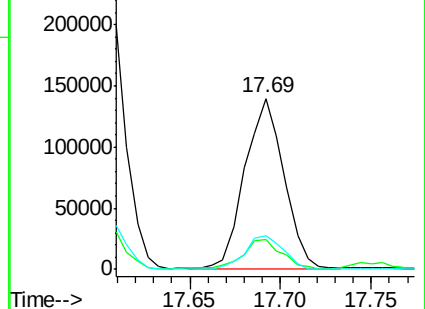
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 13.40 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

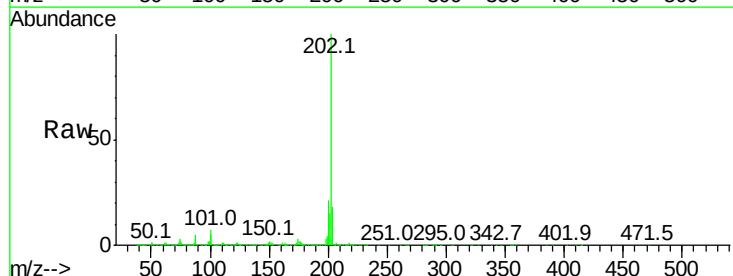
Tgt Ion:202 Resp: 976250

Ion Ratio Lower Upper

202 100

101 7.2 10.6 16.0#

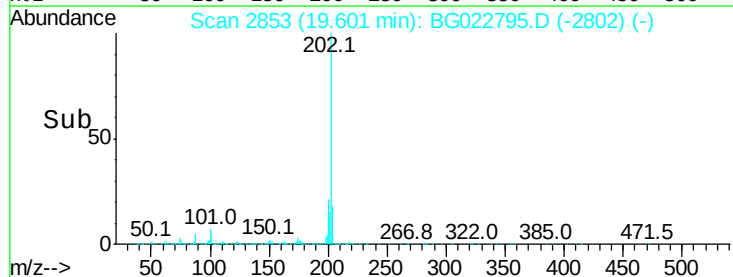
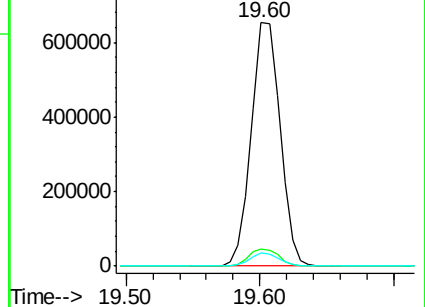
100 5.2 8.7 13.1#

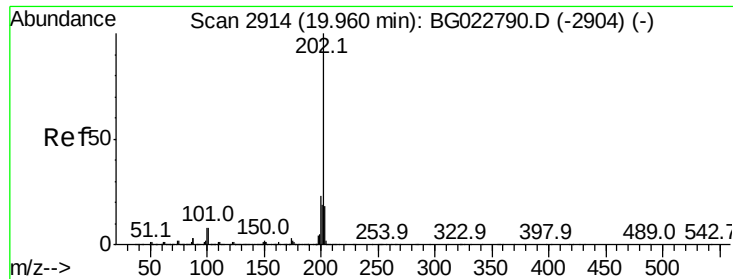


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 8.20 ng/ul

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Instrument :

BNA_G

ClientSampleId :

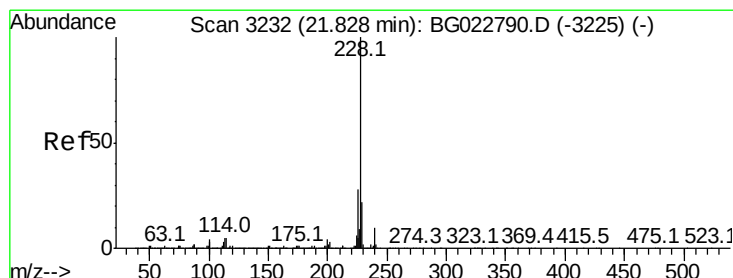
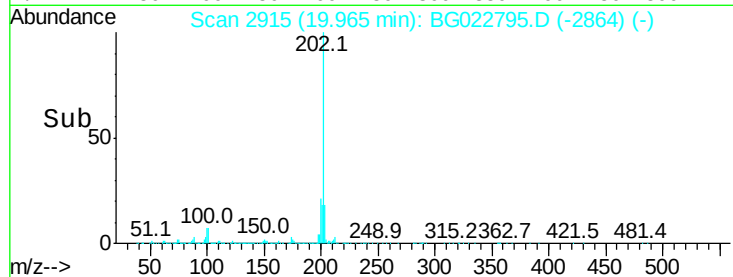
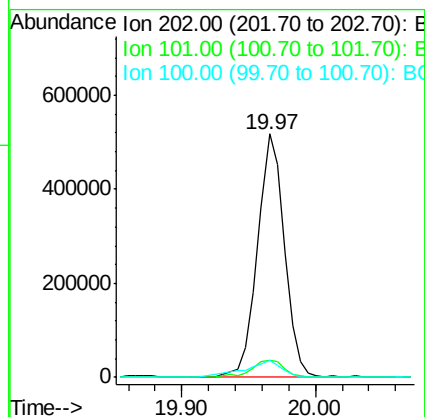
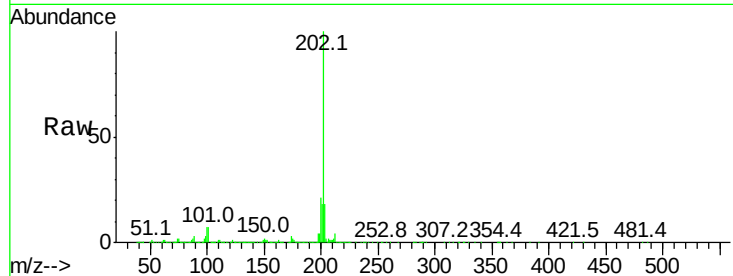
BDHN3

Tot Ion:	202	Resp:	715680
Ion Ratio	Lower	Upper	
202	100		
101	7.2	12.5	18.7#
100	7.3	10.2	15.4#

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#80

Benzo(a)anthracene

Concen: 4.99 ng/ul

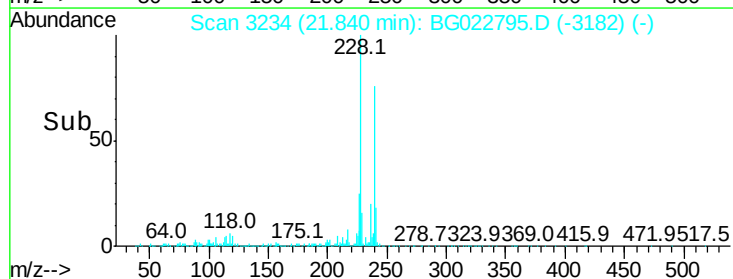
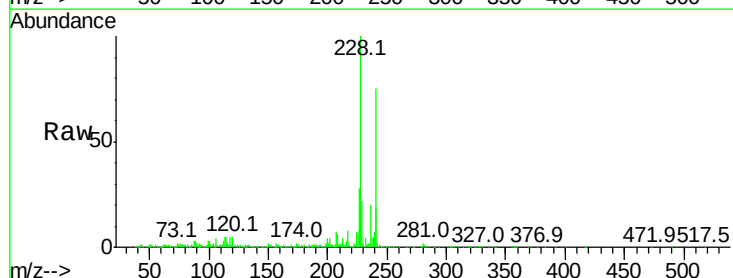
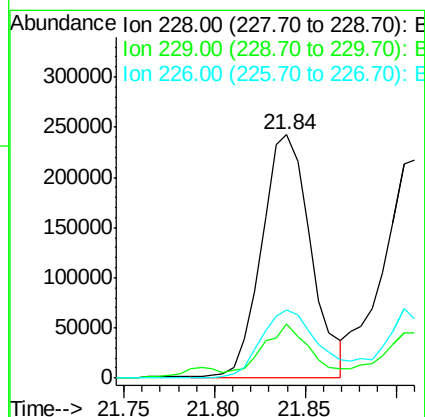
RT: 21.84 min Scan# 3234

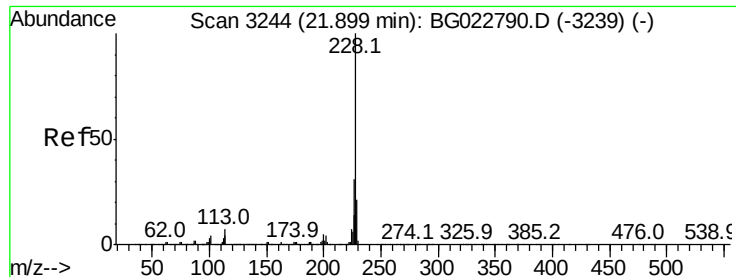
Delta R.T. 0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Tgt Ion:	228	Resp:	456394
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.4	23.2
226	28.2	22.8	34.2





#82

Chrysene

Concen: 4.92 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Instrument :

BNA_G

ClientSampleId :

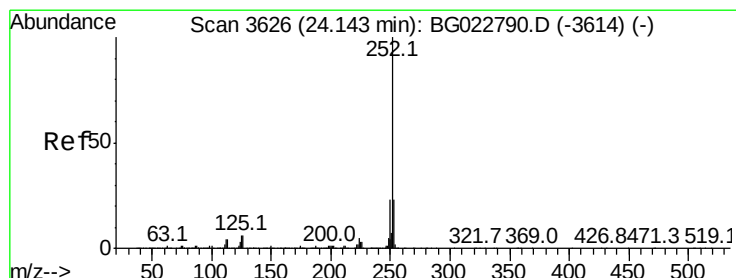
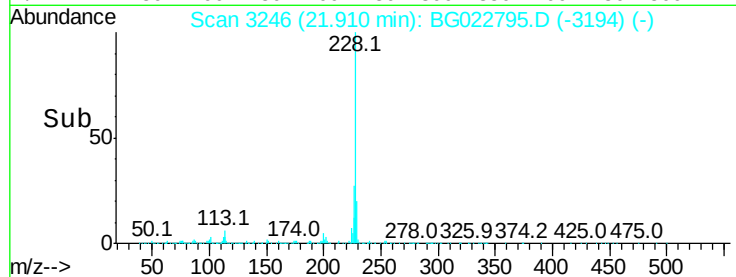
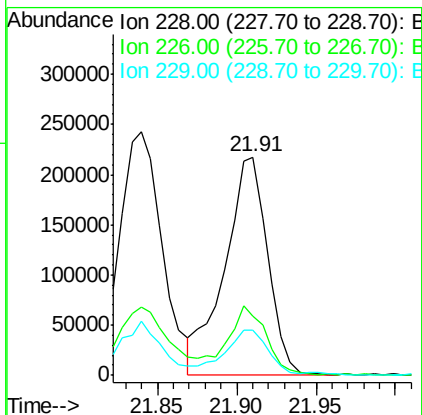
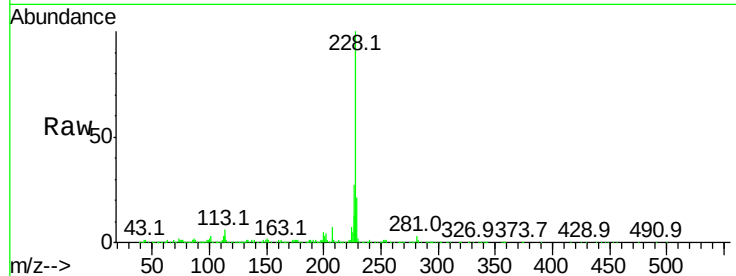
BDHN3

Tot Ion:	228	Resp:	409026
Ion Ratio	Lower	Upper	
228	100		
226	27.4	24.2	36.4
229	20.6	15.0	22.6

Manual Integrations

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#85

Benzo(b)fluoranthene

Concen: 4.91 ng/ul

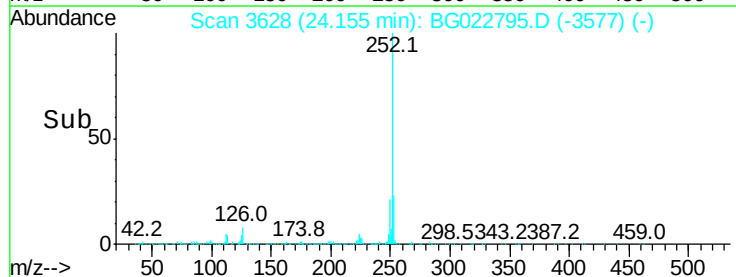
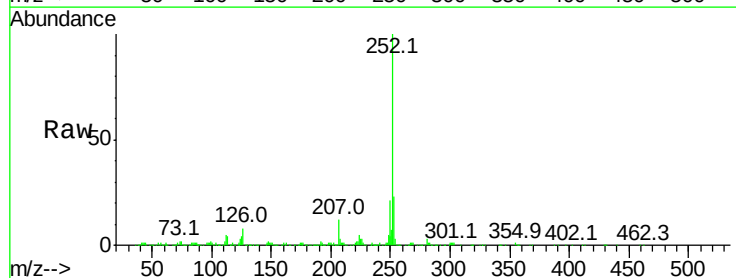
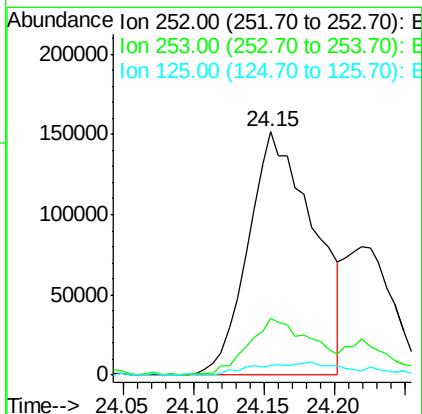
RT: 24.15 min Scan# 3628

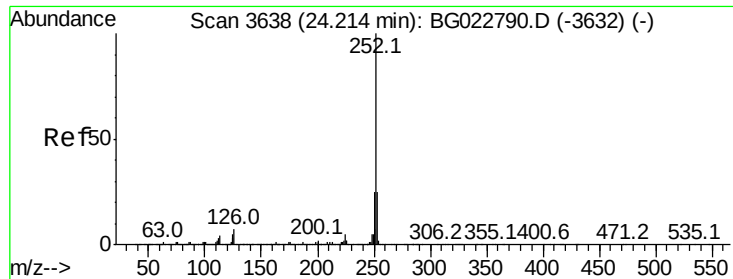
Delta R.T. -0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Tgt Ion:	252	Resp:	490967
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	3.9	10.8	16.2#





#86

Benzo(k)fluoranthene

Concen: 2.03 ng/ul m

RT: 24.22 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Instrument :

BNA_G

ClientSampleId :

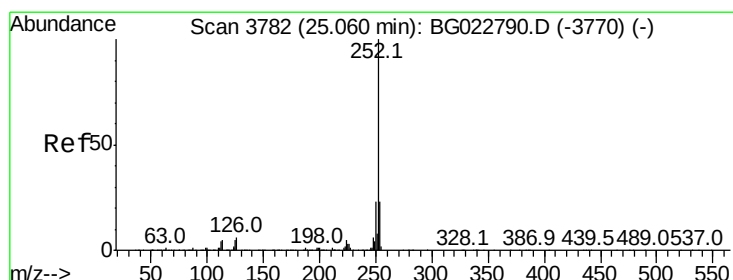
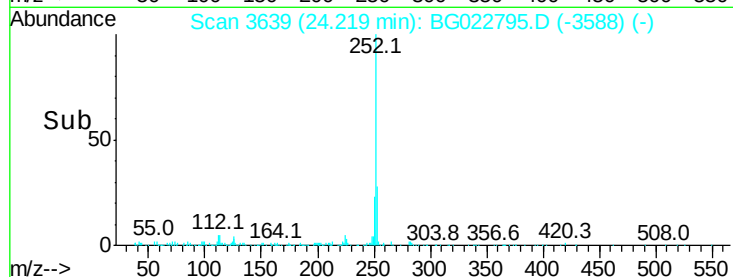
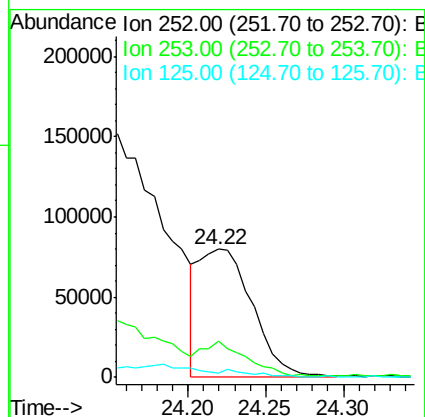
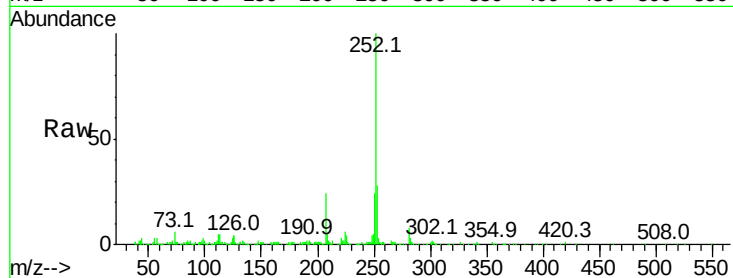
BDHN3

Tot Ion:	252	Resp:	190413
Ion Ratio	Lower	Upper	
252	100		
253	28.3	15.8	23.6#
125	3.6	10.6	16.0#

Manual Integrations

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#88

Benzo(a)pyrene

Concen: 3.86 ng/ul m

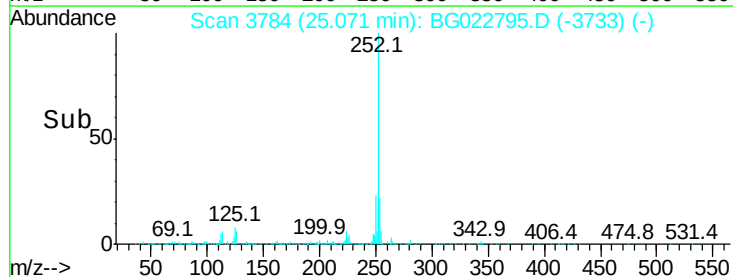
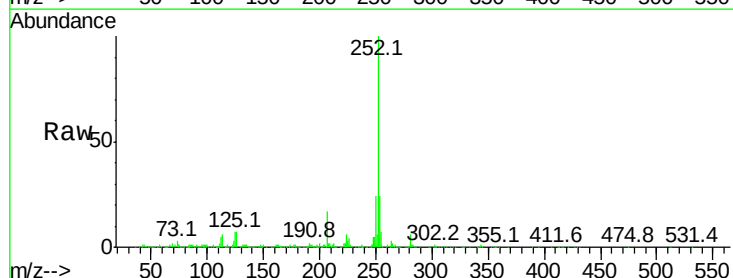
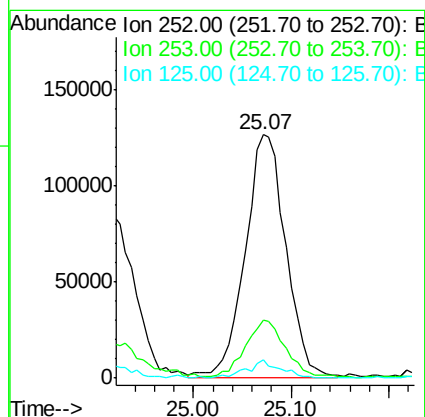
RT: 25.07 min Scan# 3784

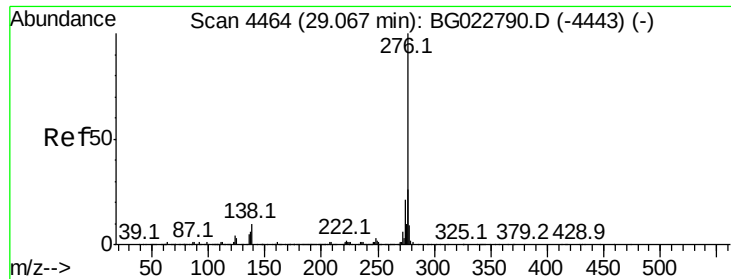
Delta R.T. -0.00 min

Lab File: BG022795.D

Acq: 2 Jul 2016 15:48

Tgt Ion:	252	Resp:	366649
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.0	28.4
125	7.5	12.0	18.0#





#89

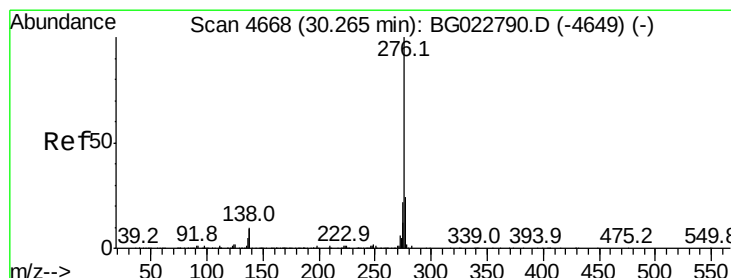
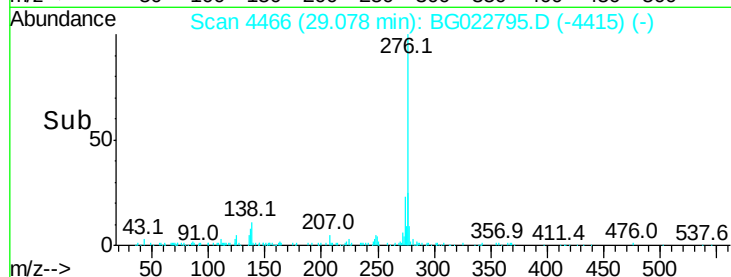
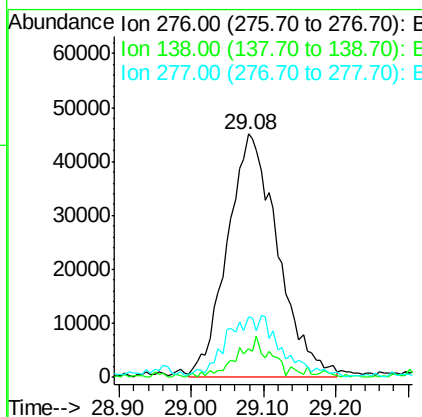
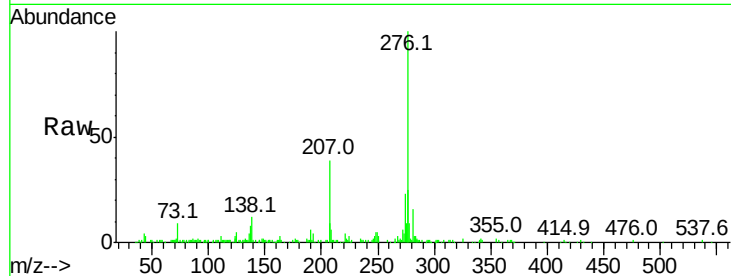
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng/ul m
RT: 29.08 min Scan# 4466
Delta R.T. -0.00 min
Lab File: BG022795.D
Acq: 2 Jul 2016 15:48

Instrument :
BNA_G
ClientSampleId :
BDHN3

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.7	20.8	31.2#
277	24.9	17.6	26.4

Manual Integrations

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#91

Benzo(g,h,i)perylene
Concen: 2.22 ng/ul
RT: 30.29 min Scan# 4672
Delta R.T. -0.01 min
Lab File: BG022795.D
Acq: 2 Jul 2016 15:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	22.1	33.1#
277	26.0	17.0	25.4#

