

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
 Data File : BG018927.D
 Acq On : 27 Sep 2015 00:08
 Operator : UM/NP
 Sample : G3798-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G72

Manual Integrations
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 9/28/2015 6:16:01 PM

Quant Time: Sep 28 06:11:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 04:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	265422	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	168930	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	393615	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	398074	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	405899	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.44	96	2127	1.70	ng/uL	0.00
5) Phenol-d5	7.17	99	52877	10.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	28898	10.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	43075	11.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	41196	10.27	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	21239	10.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	24024	11.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	47527	11.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	45010	9.09	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	149432	10.99	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	164644	10.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	16772	6.43	ng/ul	0.00
58) Fluorene-d10	15.60	176	113368	9.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	7477	4.01	ng/ul	0.00
71) Anthracene-d10	17.46	188	94814	5.47	ng/ul	0.00
79) Pyrene-d10	19.74	212	162954	8.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	138612	7.02	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	14.07	163	75107	5.70	ng/ul#	96
70) Phenanthrene	17.40	178	59585	2.98	ng/ul	97
77) Fluoranthene	19.41	202	140627	6.34	ng/ul	97
80) Pyrene	19.76	202	121461	5.19	ng/ul#	93
83) Benzo(a)anthracene	21.59	228	69511	3.15	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	28950	2.17	ng/ul	97
85) Chrysene	21.66	228	68392	3.36	ng/ul	95
88) Benzo(b)fluoranthene	23.78	252	104669	4.56	ng/ul#	96
89) Benzo(k)fluoranthene	23.85	252	37547m	1.71	ng/ul	
91) Benzo(a)pyrene	24.64	252	70181	3.22	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.40	276	58786	2.32	ng/ul	98
94) Benzo(g,h,i)perylene	29.54	276	45221	2.14	ng/ul	94

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

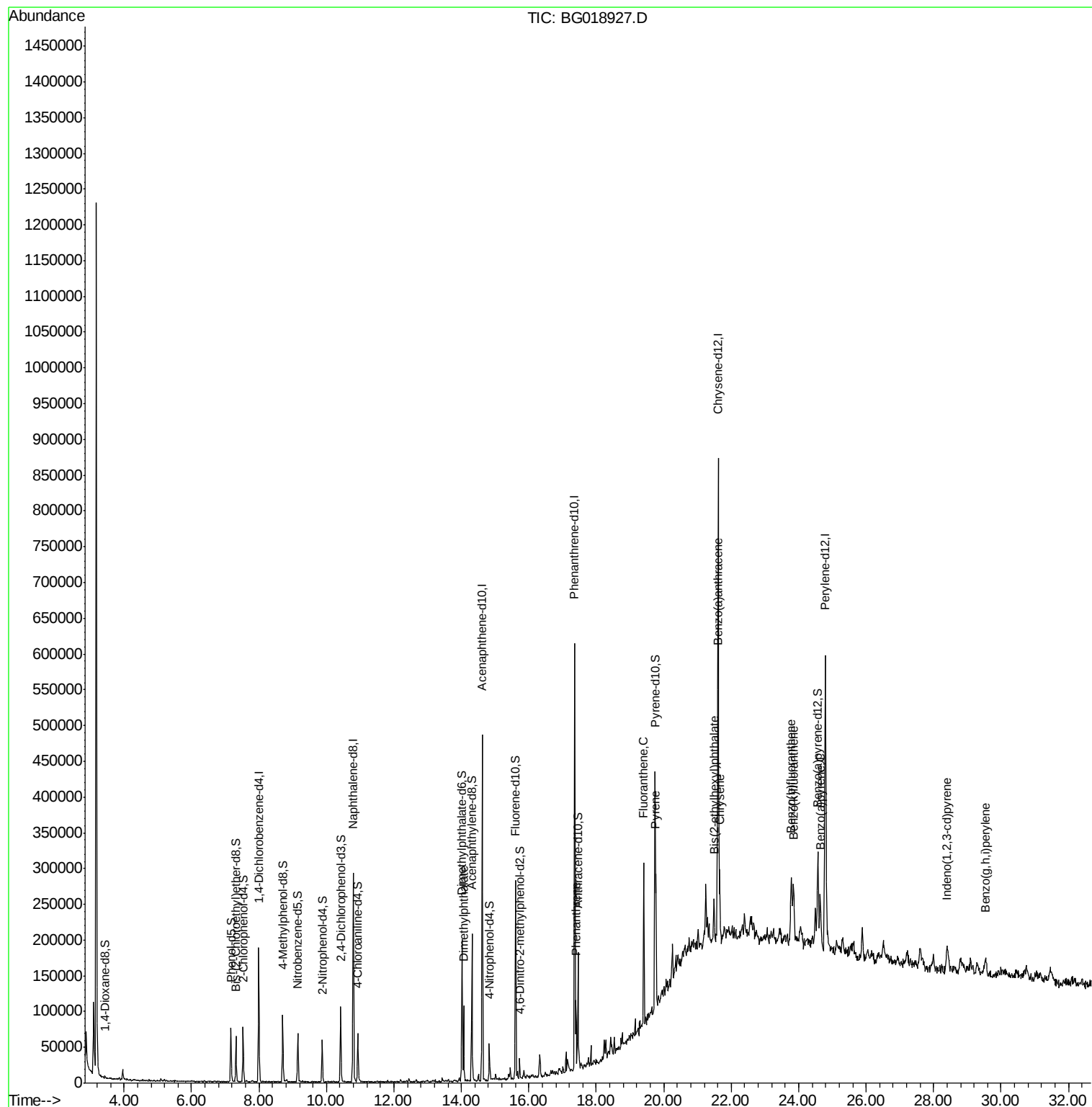
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018927.D
Acq On : 27 Sep 2015 00:08
Operator : UM/NP
Sample : G3798-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

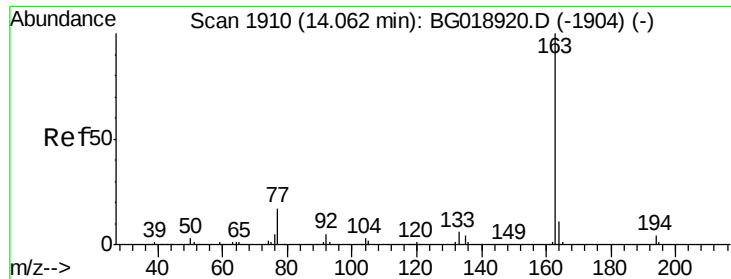
Instrument :
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ClientSampleId :
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Quant Time: Sep 28 06:11:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 04:33:51 2015
Response via : Initial Calibration





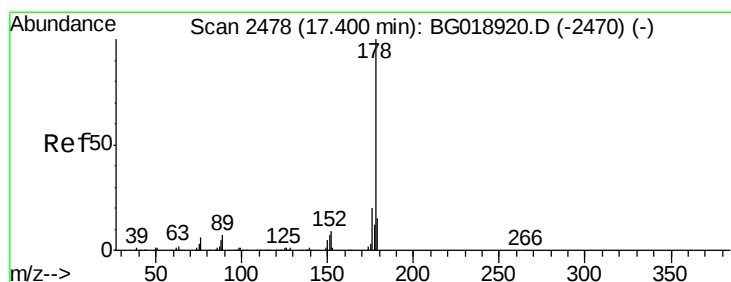
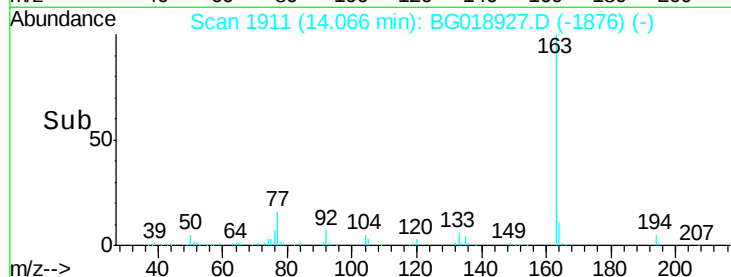
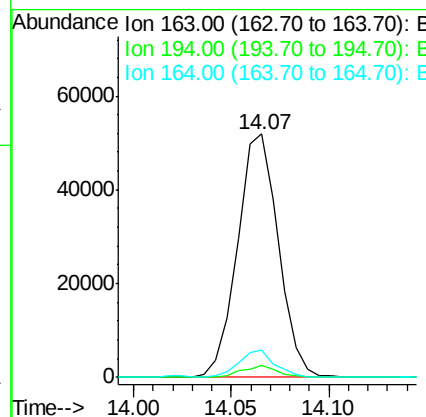
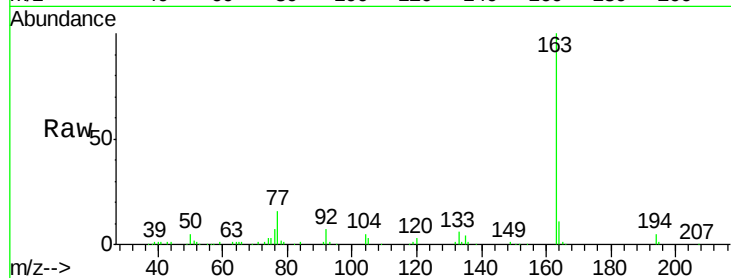
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Dimethylphthalate
Concen: 5.70 ng/ul
RT: 14.07 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG018927.D
Acq: 27 Sep 2015 00:08

Instrument :
BNA_G
ClientSampleId :
D9G72

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	75107		
194	4.8	2.9	4.3#	
164	11.3	7.7	11.5	

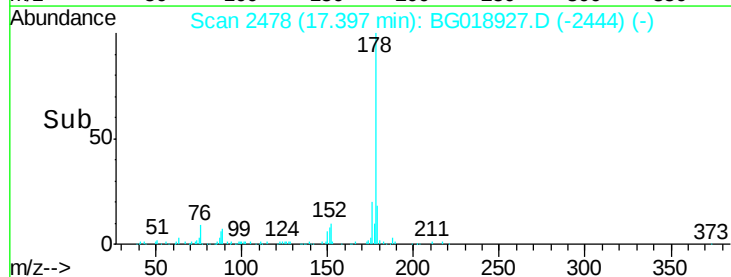
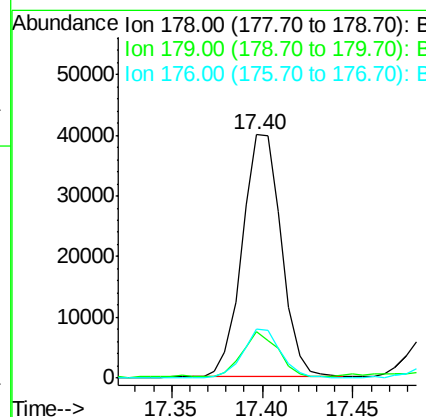
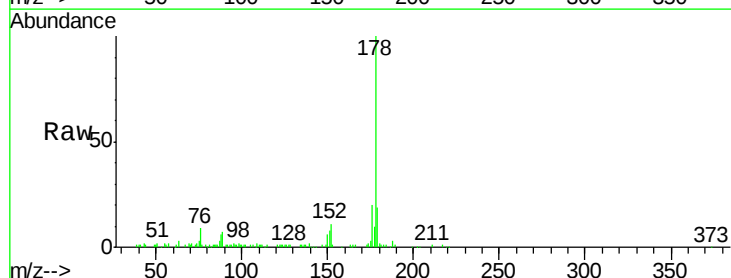
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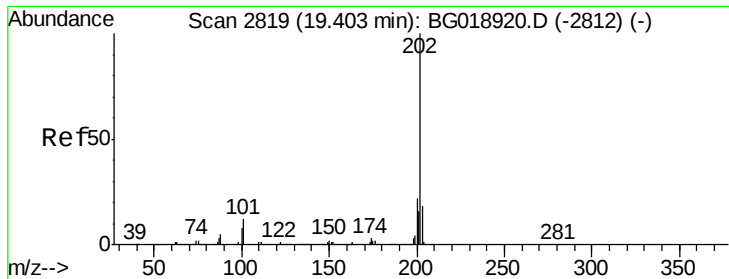
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#70
Phenanthrene
Concen: 2.98 ng/ul
RT: 17.40 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BG018927.D
Acq: 27 Sep 2015 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	59585		
179	19.0	13.7	20.5	
176	20.0	16.6	24.8	





#77

Fluoranthene

Concen: 6.34 ng/ul

RT: 19.41 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG018927.D

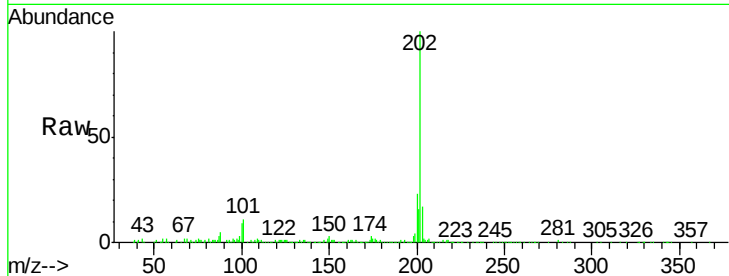
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Instrument :

BNA_G

ClientSampleId :

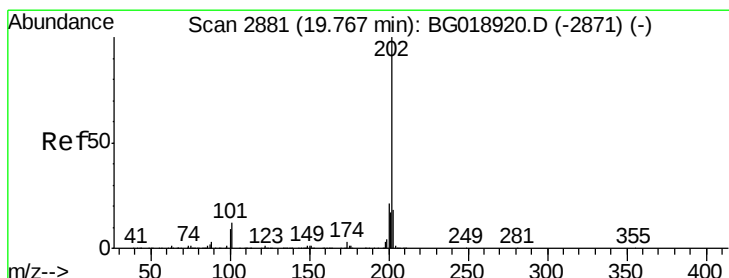
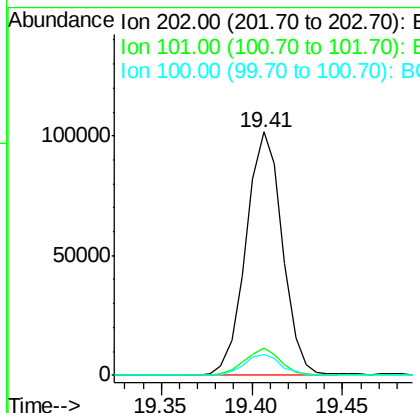
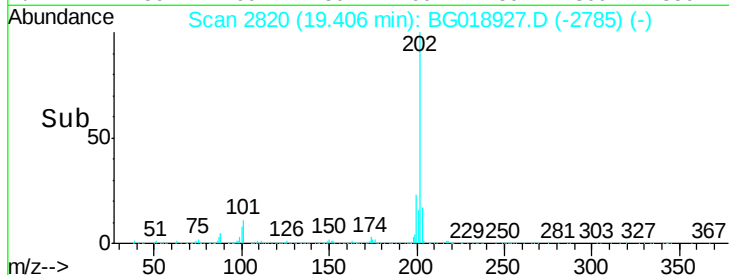
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	140627		
101	11.0	9.7	14.5	
100	8.6	7.8	11.8	

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#80

Pyrene

Concen: 5.19 ng/ul

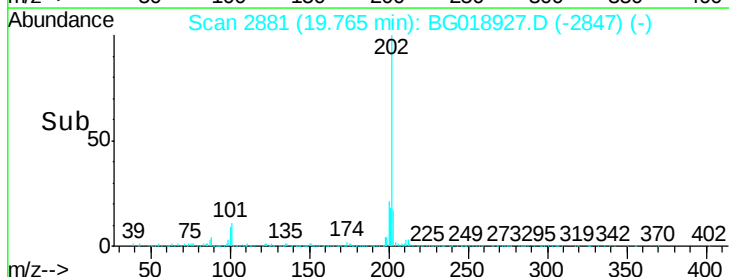
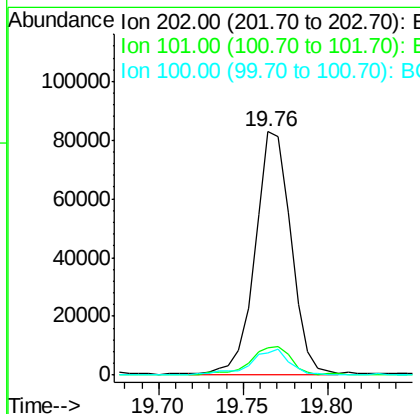
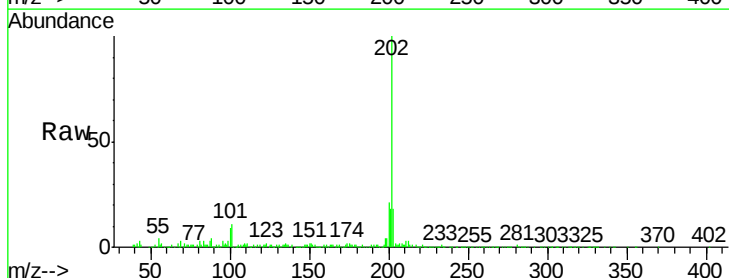
RT: 19.76 min Scan# 2881

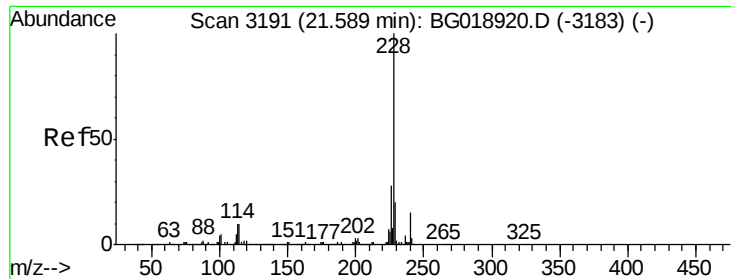
Delta R.T. -0.00 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	121461		
101	11.2	11.0	16.4	
100	9.0	9.8	14.6	





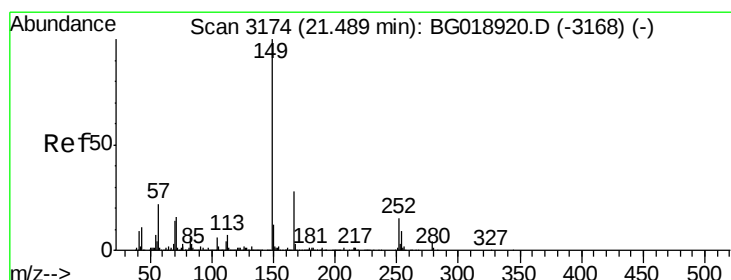
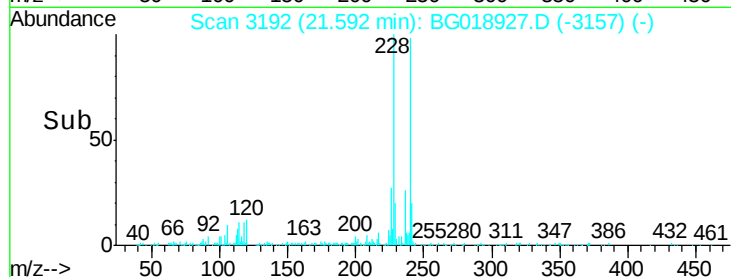
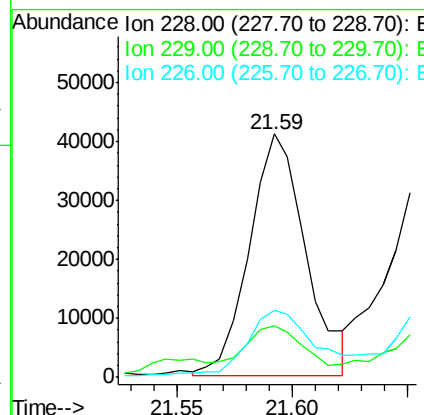
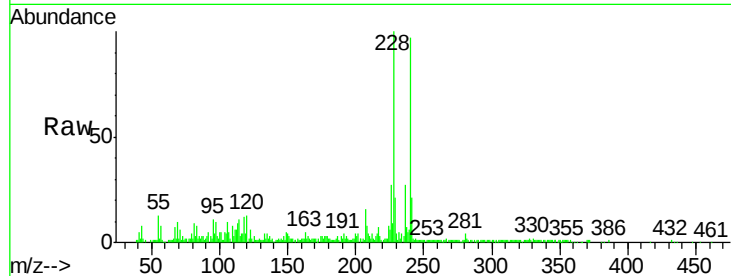
#83
Benzo(a)anthracene
Concen: 3.15 ng/ul
RT: 21.59 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BG018927.D
Acq: 27 Sep 2015 00:08

Instrument :
BNA_G
ClientSampleId :
D9G72

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	69511		
229	21.4	15.5	23.3	
226	27.5	22.1	33.1	

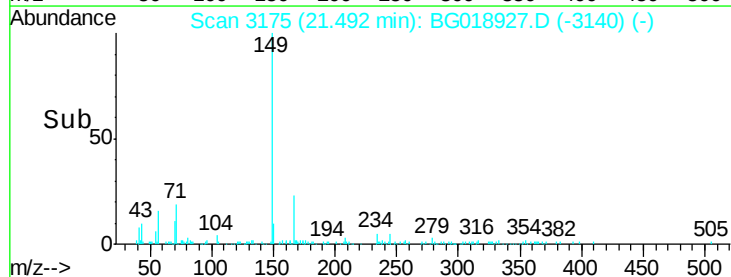
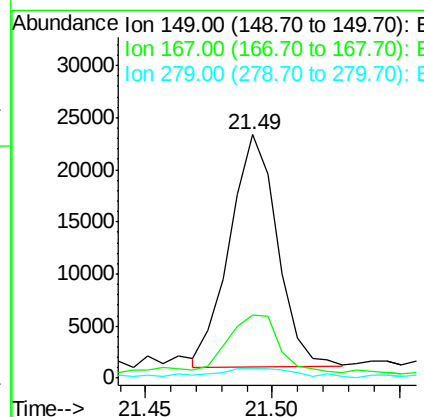
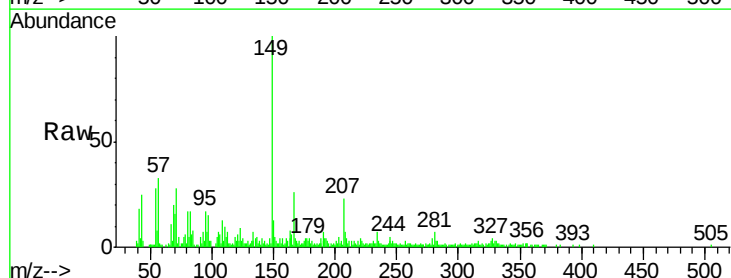
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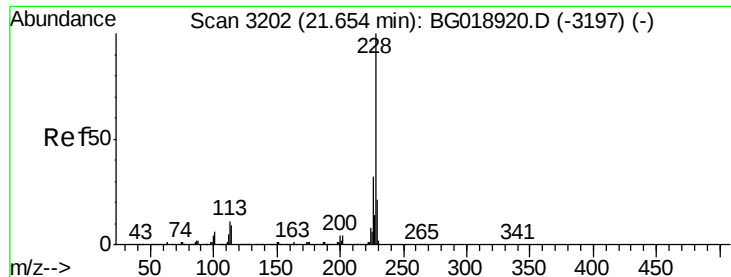
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.17 ng/ul
RT: 21.49 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG018927.D
Acq: 27 Sep 2015 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	28950		
167	25.8	22.2	33.2	
279	3.8	2.8	4.2	





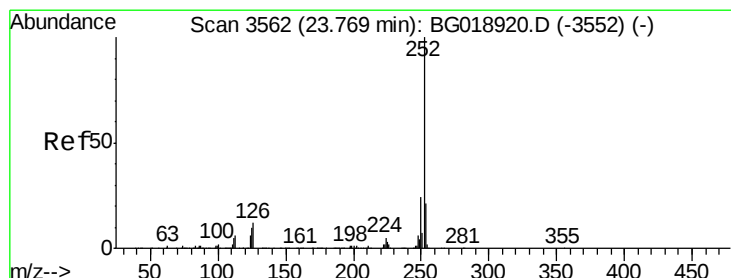
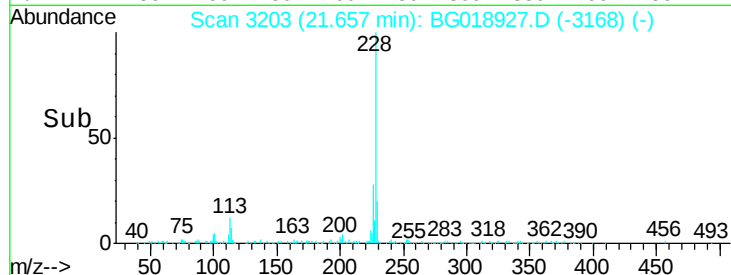
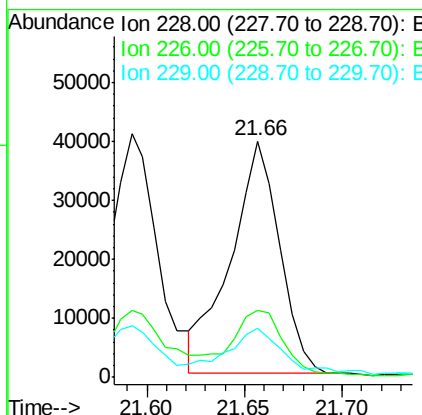
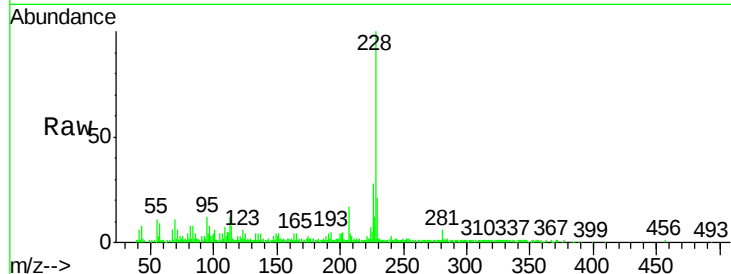
#85
Chrysene
Concen: 3.36 ng/ul
RT: 21.66 min Scan# 3203
Delta R.T. 0.00 min
Lab File: BG018927.D
Acq: 27 Sep 2015 00:08

Instrument :
BNA_G
ClientSampleId :
D9G72

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	26.5	39.7
229	21.0	16.9	25.3

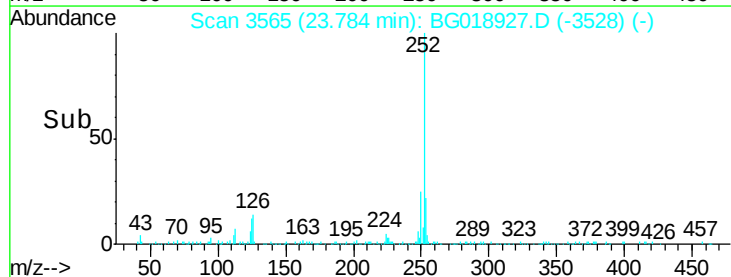
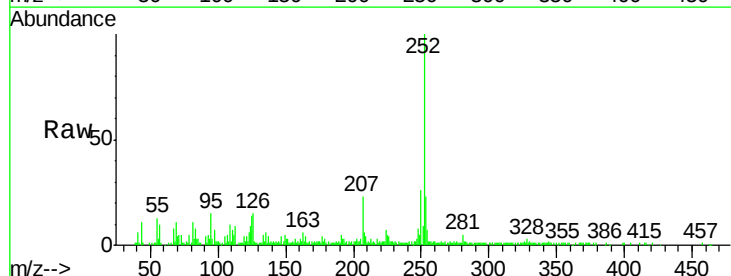
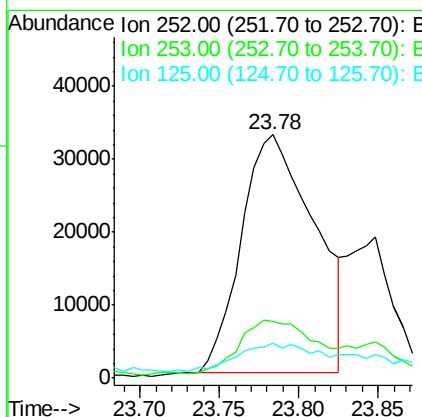
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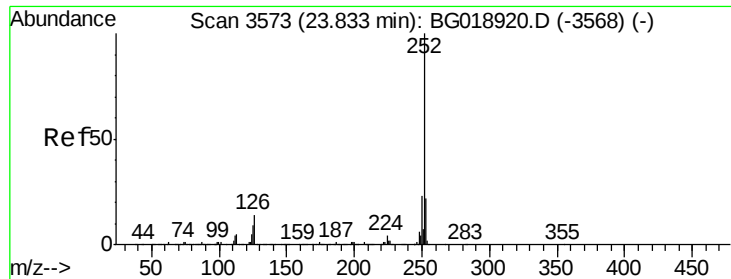
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#88
Benzo(b)fluoranthene
Concen: 4.56 ng/ul
RT: 23.78 min Scan# 3565
Delta R.T. 0.01 min
Lab File: BG018927.D
Acq: 27 Sep 2015 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	14.5	8.3	12.5#





#89

Benzo(k)fluoranthene

Concen: 1.71 ng/ul m

RT: 23.85 min Scan# 3576

Delta R.T. 0.01 min

Lab File: BG018927.D

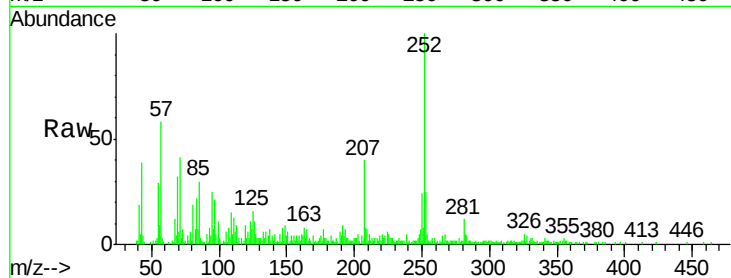
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Instrument :

BNA_G

ClientSampleId :

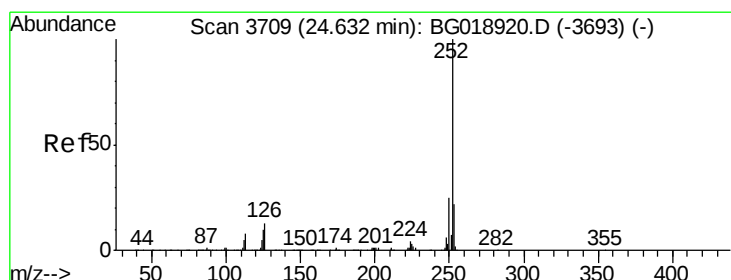
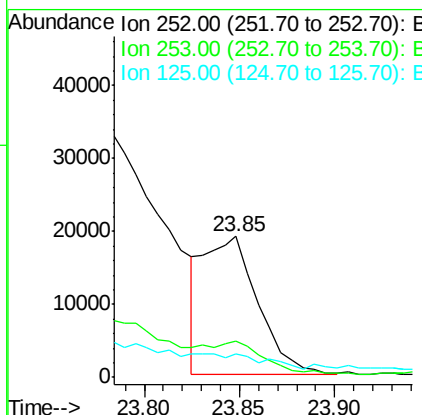
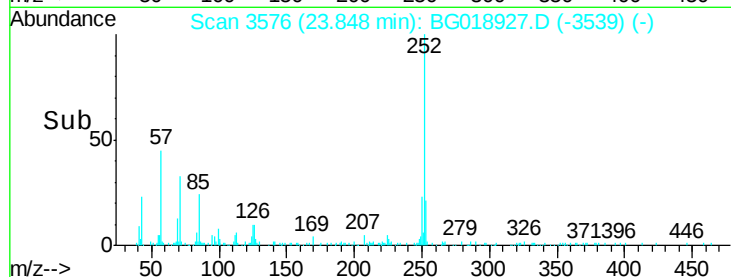
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	16.4	9.0	13.4

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#91

Benzo(a)pyrene

Concen: 3.22 ng/ul

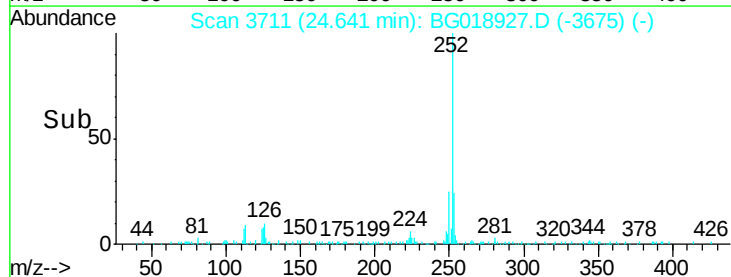
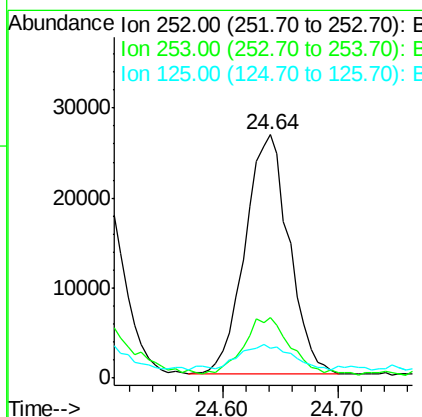
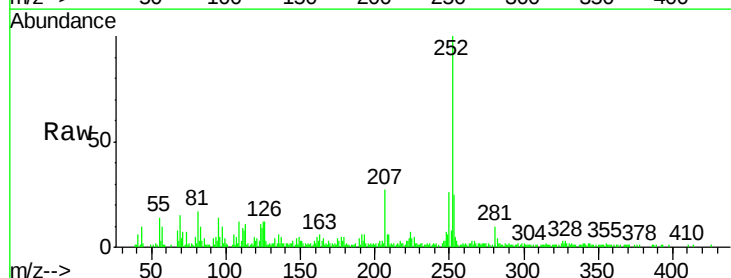
RT: 24.64 min Scan# 3711

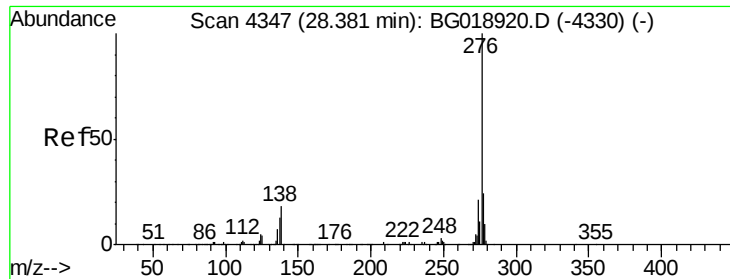
Delta R.T. 0.01 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	12.3	10.2	15.2





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.32 ng/ul

RT: 28.40 min Scan# 4351

Delta R.T. 0.02 min

Lab File: BG018927.D

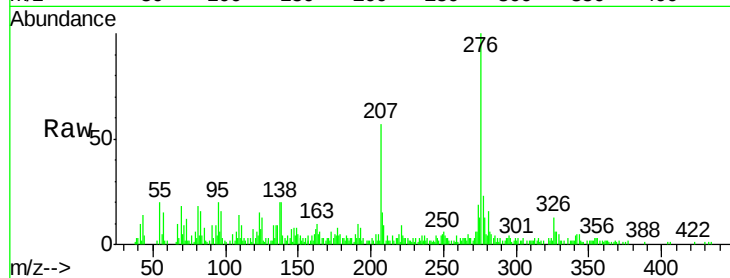
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Instrument :

BNA_G

ClientSampleId :

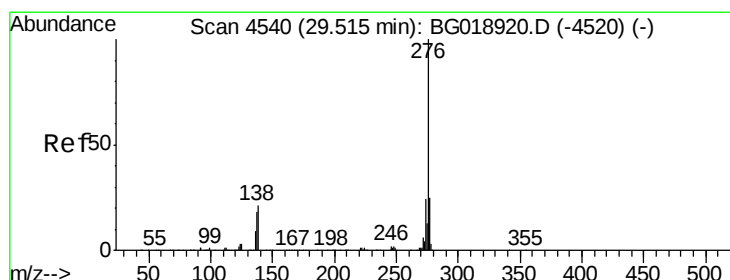
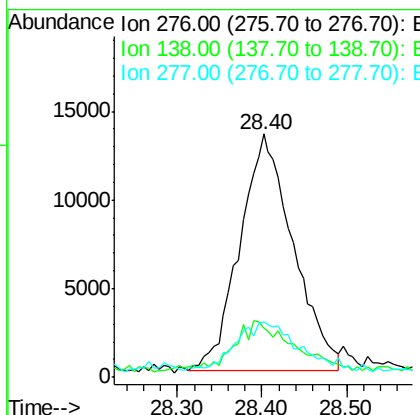
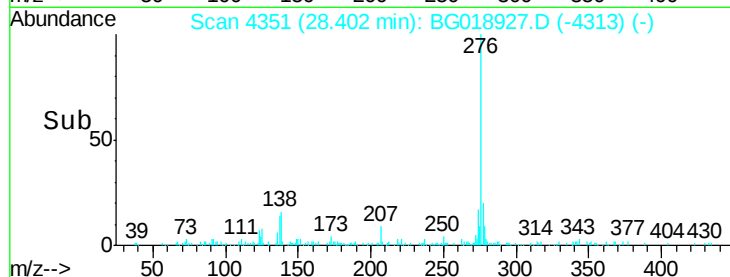
D9G72



Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.8	23.6
277	22.5	18.9	28.3

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#94

Benzo(g,h,i)perylene

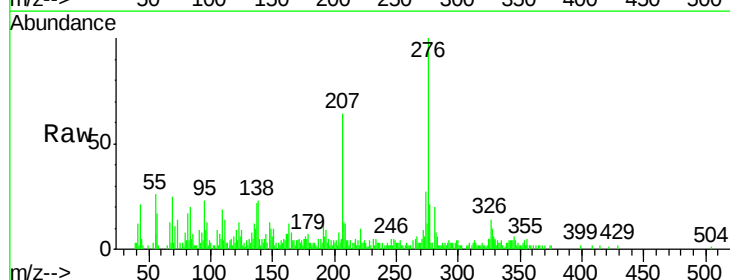
Concen: 2.14 ng/ul

RT: 29.54 min Scan# 4544

Delta R.T. 0.02 min

Lab File: BG018927.D

Acq: 27 Sep 2015 00:08



Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	16.5	24.7
277	20.9	19.0	28.6

