

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018373.D
 Acq On : 11 Aug 2015 3:16
 Operator : UM/MA
 Sample : G3136-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02D1

Manual Integrations
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Quant Time: Aug 11 05:03:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	180310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	823392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	532003	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	1115926	20.00	ng/ul	0.01
78) Chrysene-d12	21.68	240	954476	20.00	ng/ul	0.02
86) Perylene-d12	24.92	264	950574	20.00	ng/ul	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.47	96	6936	1.70	ng/uL	0.00
5) Phenol-d5	7.20	99	154310	9.43	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.36	67	118502	11.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	128114	10.22	ng/ul	0.01
13) 4-Methylphenol-d8	8.74	113	60610	4.41	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	67507	10.52	ng/ul	0.01
22) 2-Nitrophenol-d4	9.92	143	72145	11.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	116722	8.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	62505	3.99	ng/ul	0.01
44) Dimethylphthalate-d6	14.07	166	420263	9.39	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	383752	6.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	24620	3.06	ng/ul	0.01
58) Fluorene-d10	15.66	176	258330	6.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	9890	1.80	ng/ul	0.01
71) Anthracene-d10	17.51	188	343254	6.43	ng/ul	0.00
79) Pyrene-d10	19.79	212	321338	6.49	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.68	264	312174	6.19	ng/ul	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	14.11	163	254927	5.77	ng/ul	98
70) Phenanthrene	17.45	178	170841	2.82	ng/ul	100
77) Fluoranthene	19.46	202	310013	4.79	ng/ul	98
80) Pyrene	19.82	202	289926	4.49	ng/ul	99
83) Benzo(a)anthracene	21.66	228	146584	2.48	ng/ul#	89
85) Chrysene	21.73	228	139999	2.53	ng/ul	97
88) Benzo(b)fluoranthene	23.89	252	201611	3.38	ng/ul#	88
89) Benzo(k)fluoranthene	23.94	252	79768m	1.39	ng/ul	
91) Benzo(a)pyrene	24.75	252	153200	2.70	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	28.59	276	98229m	1.49	ng/ul	
94) Benzo(g,h,i)perylene	29.75	276	73797m	1.34	ng/ul	

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

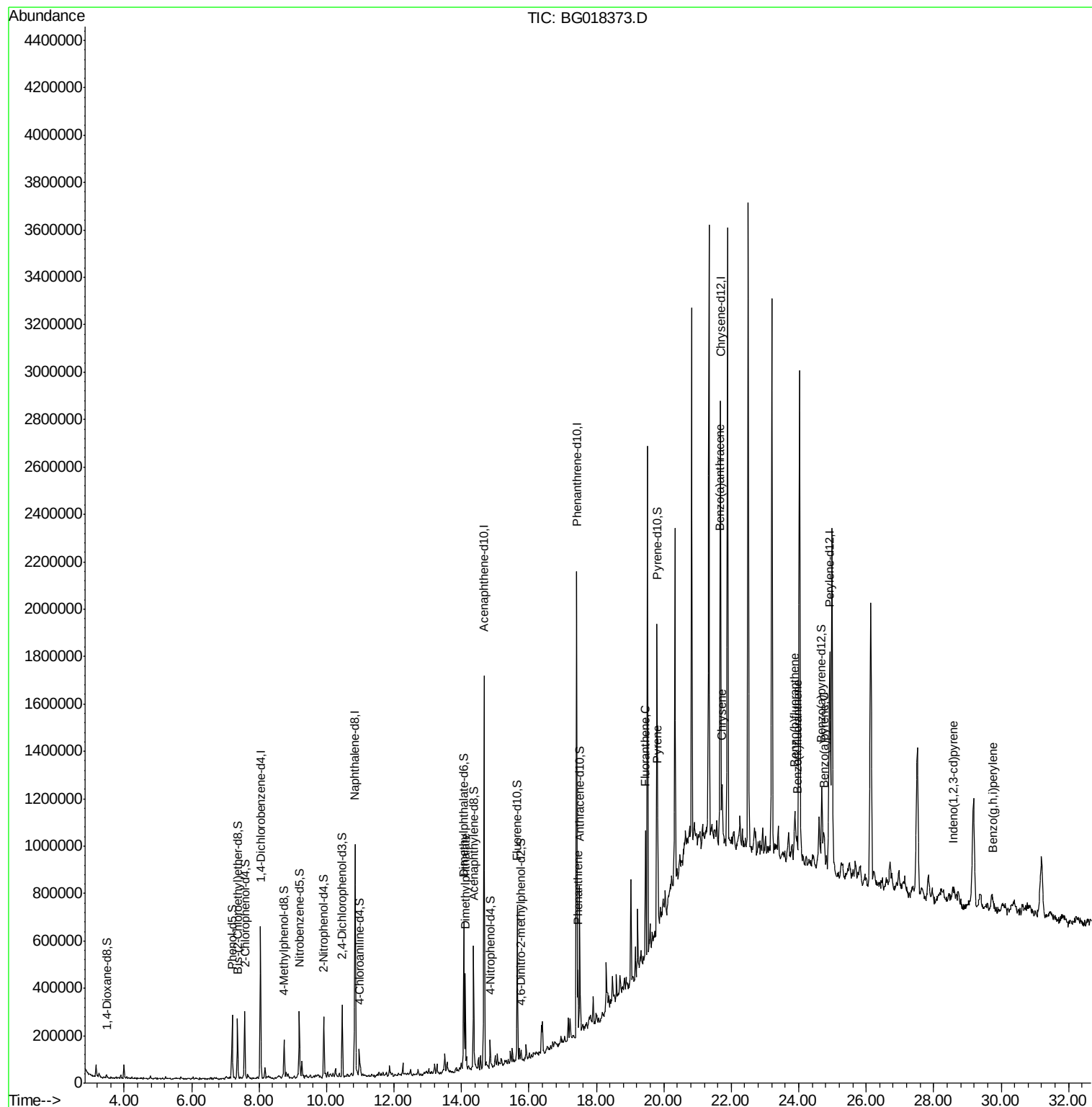
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018373.D
Acq On : 11 Aug 2015 3:16
Operator : UM/MA
Sample : G3136-18
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ALS Vial : 21 Sample Multiplier: 1

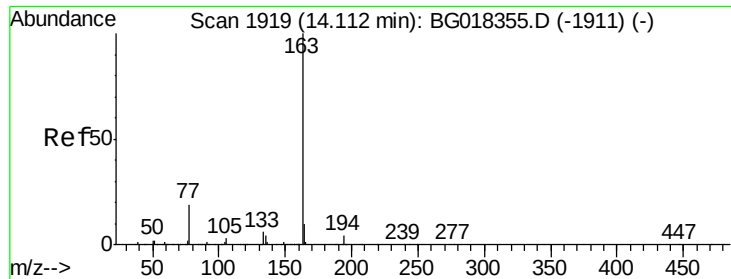
Instrument :
BNA_G
ClientSampled :
C02D1

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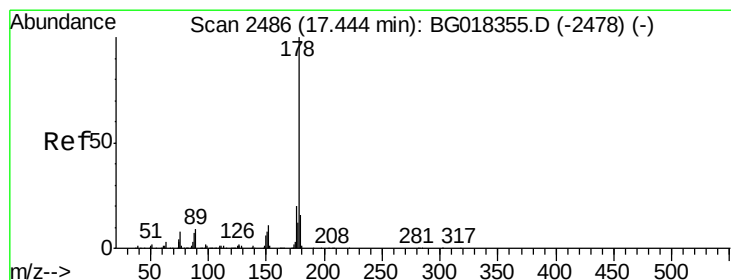
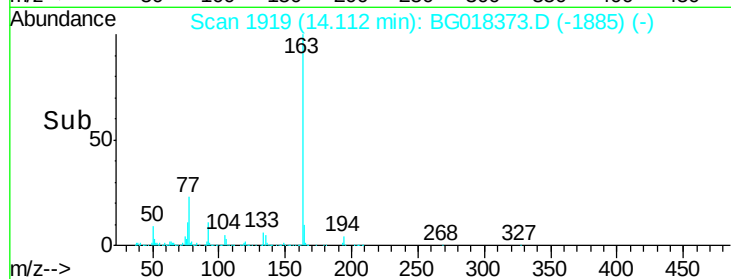
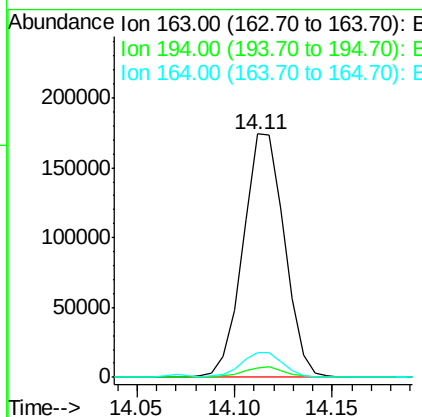
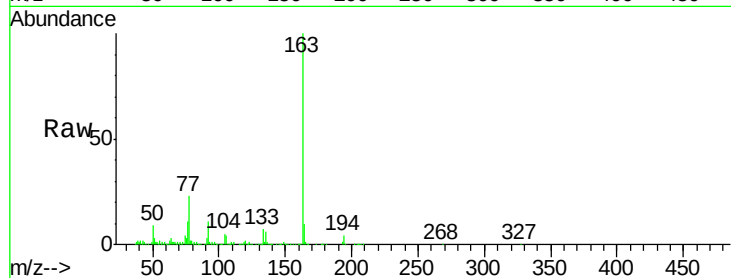
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Dimethylphthalate
Concen: 5.77 ng/ul
RT: 14.11 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Instrument :
BNA_G
ClientSampleId :
C02D1

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	2.9	4.3
164	10.4	7.7	11.5

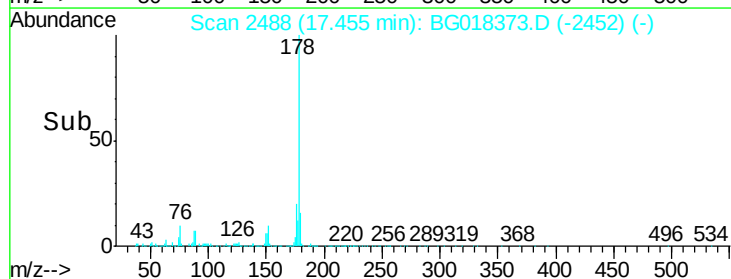
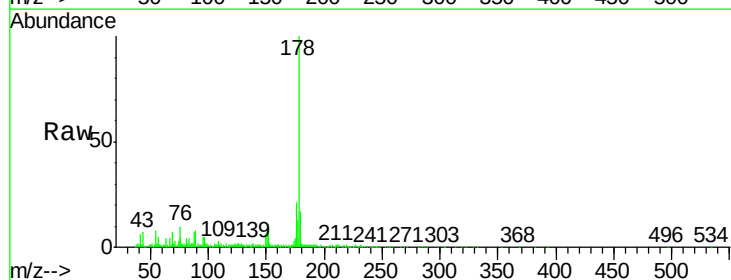
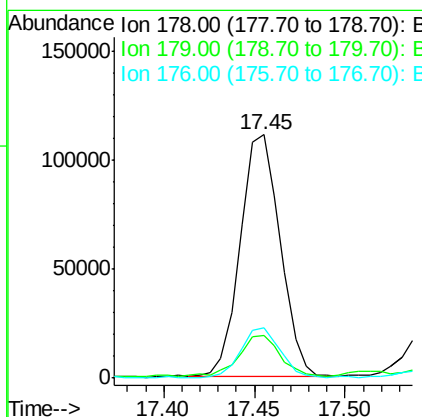
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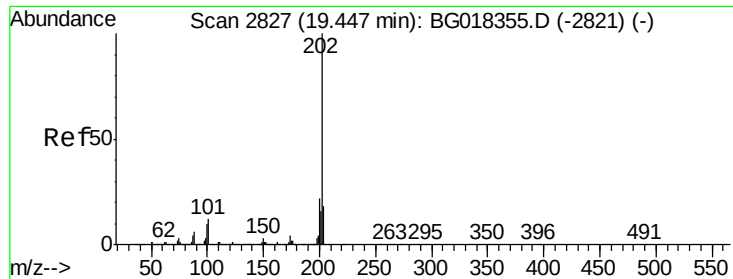
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#70
Phenanthrene
Concen: 2.82 ng/ul
RT: 17.45 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	17.3	13.7	20.5
176	20.6	16.6	24.8





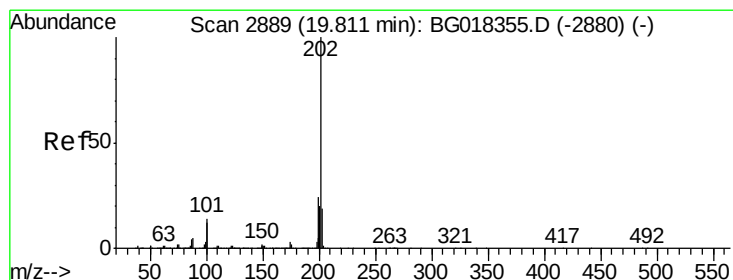
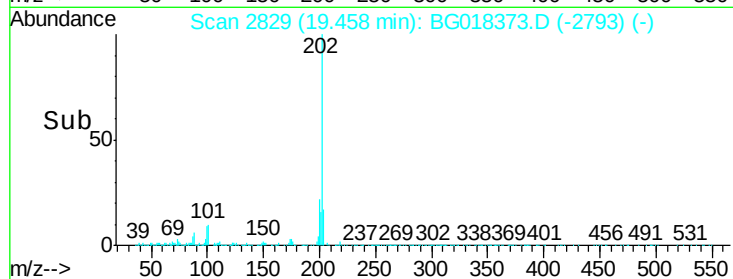
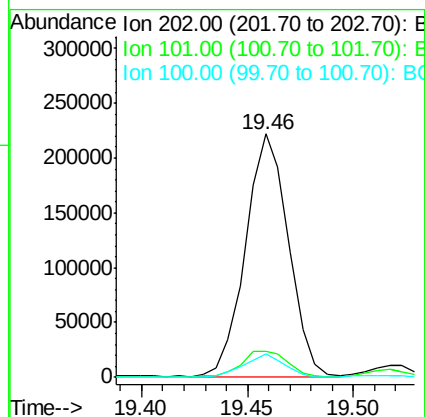
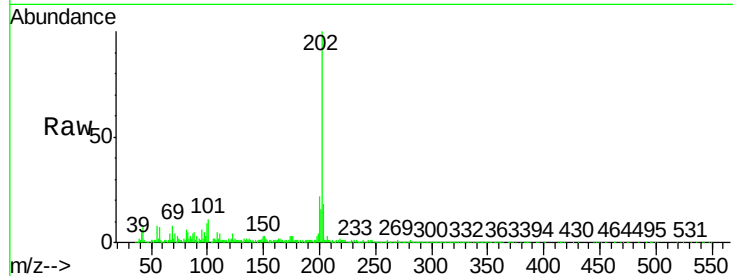
#77
Fluoranthene
Concen: 4.79 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Instrument :
BNA_G
ClientSampleId :
C02D1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	9.7	14.5
100	9.5	7.8	11.8

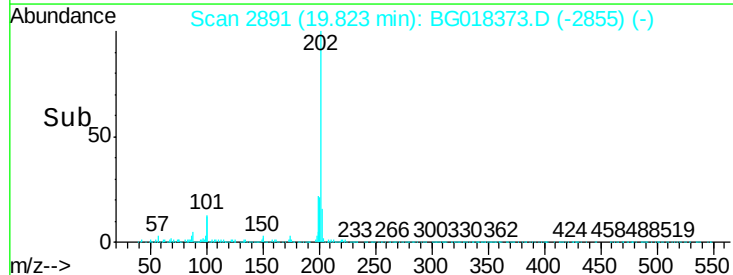
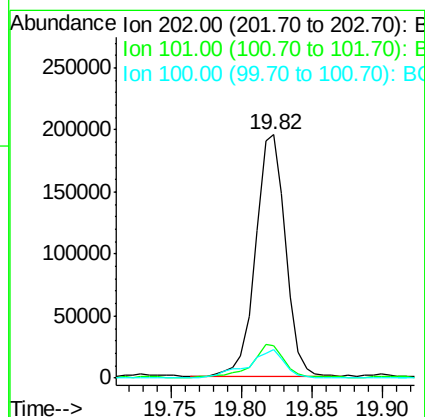
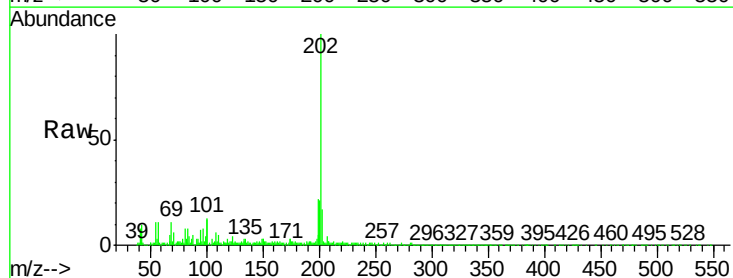
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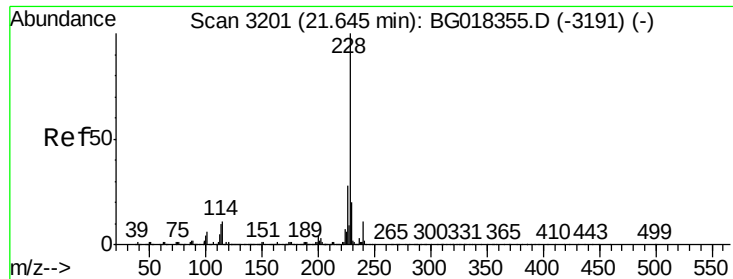
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#80
Pyrene
Concen: 4.49 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.2	11.0	16.4
100	11.7	9.8	14.6





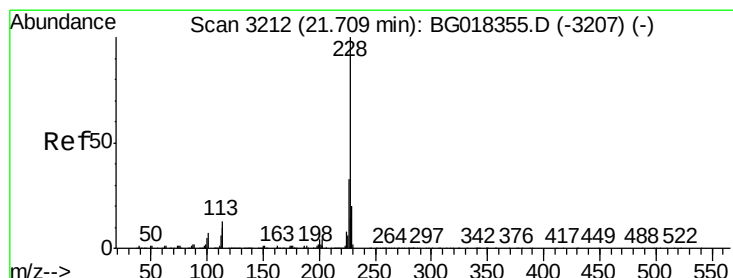
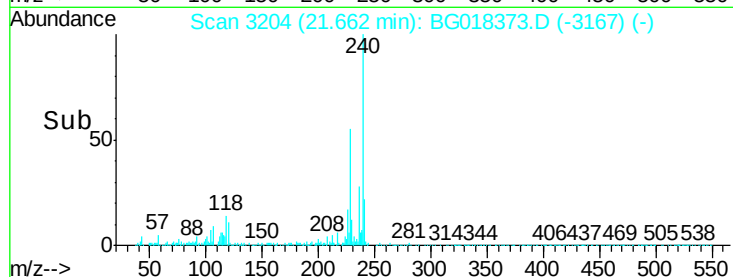
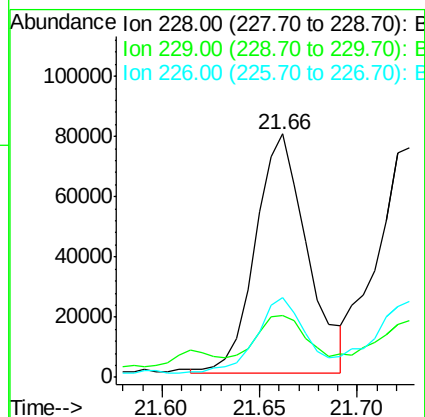
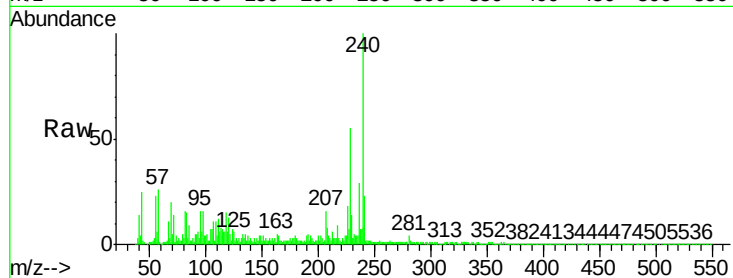
#83
Benzo(a)anthracene
Concen: 2.48 ng/ul
RT: 21.66 min Scan# 3204
Delta R.T. 0.02 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Instrument :
BNA_G
ClientSampleId :
C02D1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	146584		
229	25.4	15.5	23.3#	
226	32.6	22.1	33.1	

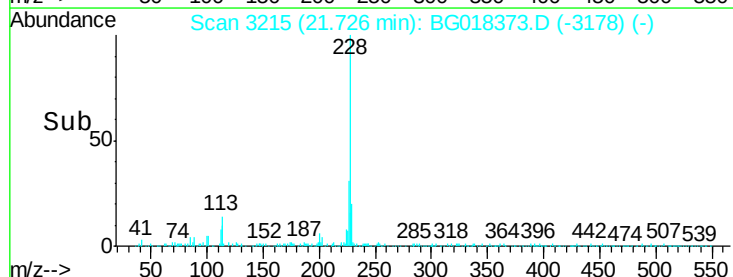
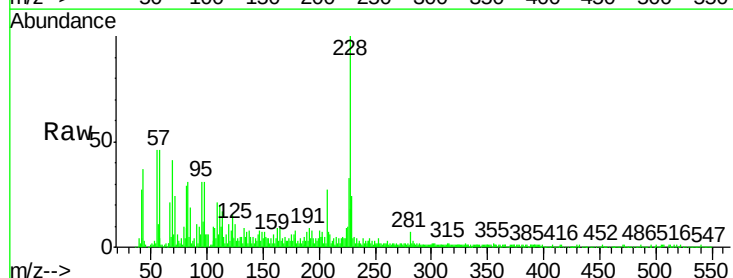
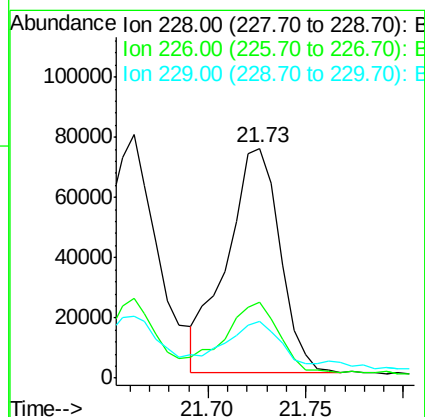
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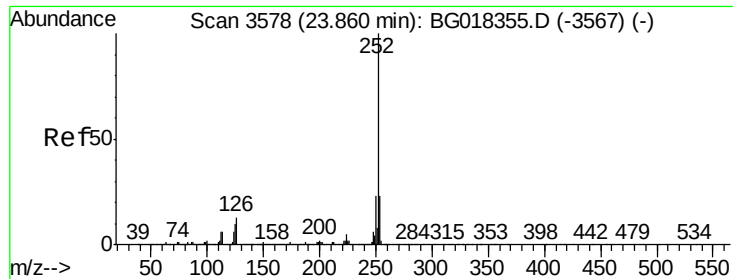
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#85
Chrysene
Concen: 2.53 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.02 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	139999		
226	32.8	26.5	39.7	
229	24.5	16.9	25.3	





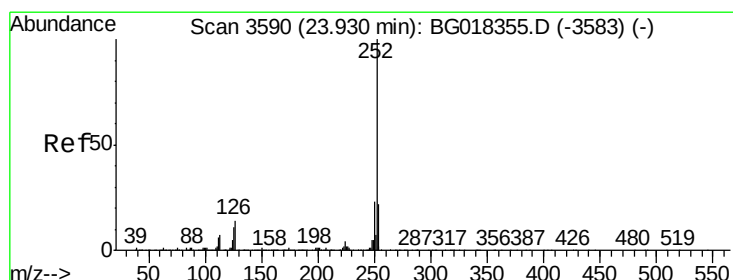
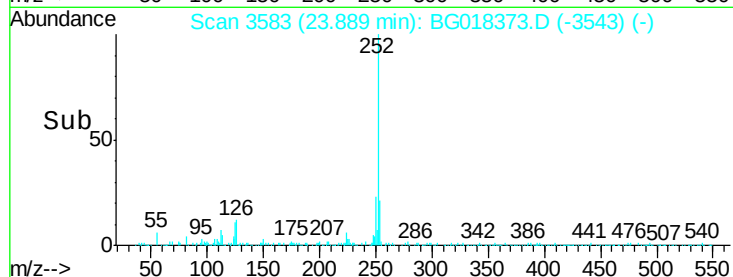
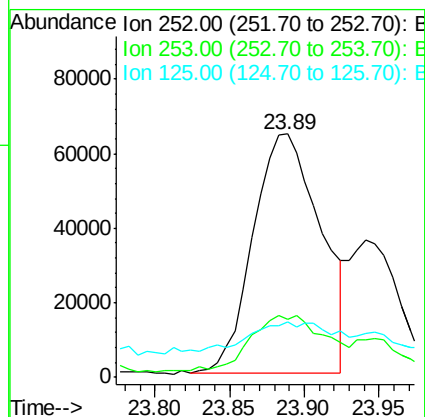
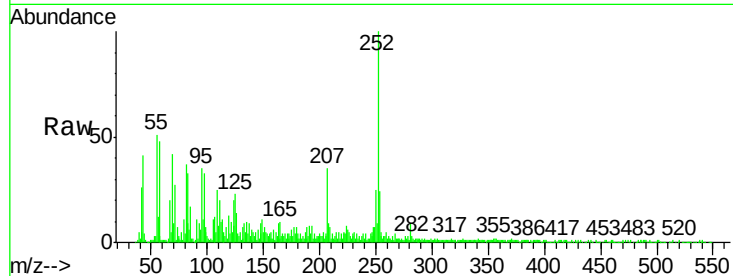
#88
Benzo(b)fluoranthene
Concen: 3.38 ng/ul
RT: 23.89 min Scan# 3583
Delta R.T. 0.04 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Instrument :
BNA_G
ClientSampled :
C02D1

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	201611		
253	24.1	18.1	27.1	
125	22.7	8.3	12.5#	

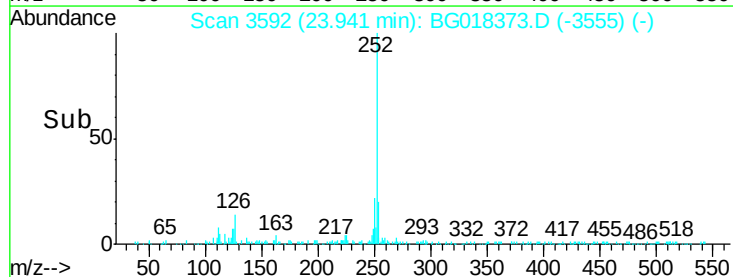
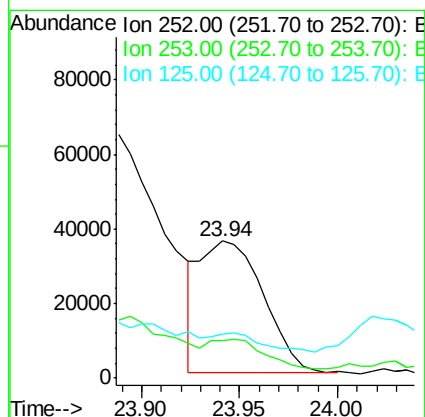
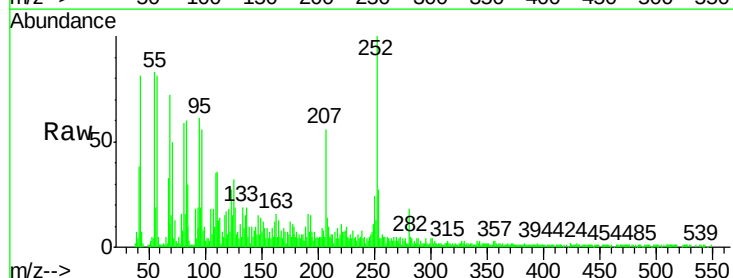
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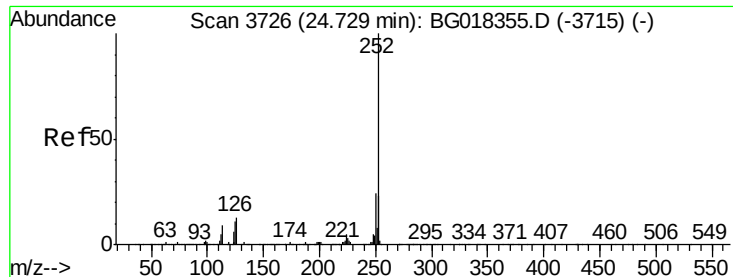
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#89
Benzo(k)fluoranthene
Concen: 1.39 ng/ul m
RT: 23.94 min Scan# 3592
Delta R.T. 0.02 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	79768		
253	27.4	17.8	26.6#	
125	31.7	9.0	13.4#	





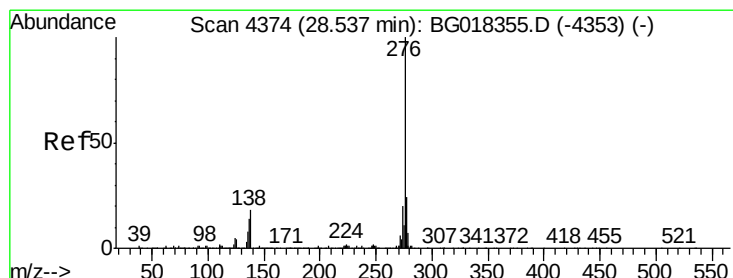
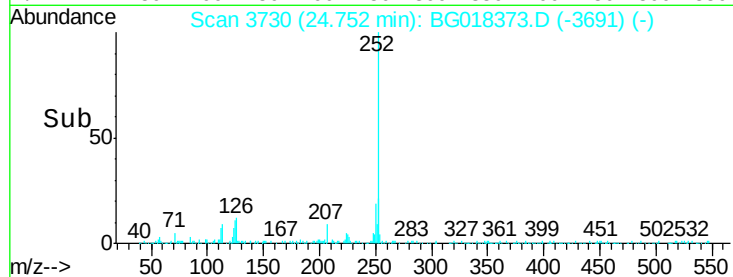
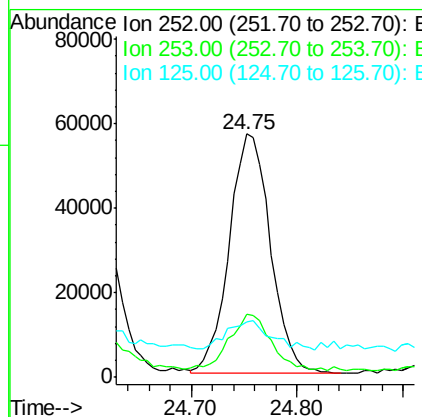
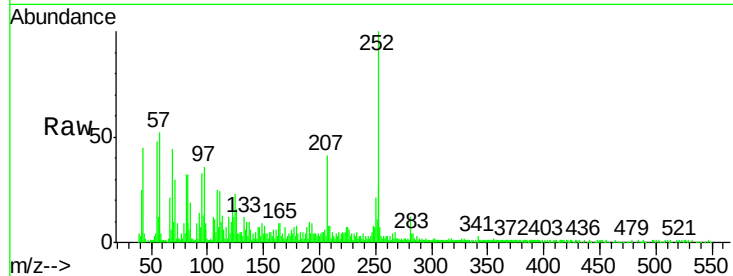
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Benzo(a)pyrene
Concen: 2.70 ng/ul
RT: 24.75 min Scan# 3730
Delta R.T. 0.03 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Instrument :
BNA_G
ClientSampleId :
C02D1

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.0	17.7	26.5
125	22.9	10.2	15.2

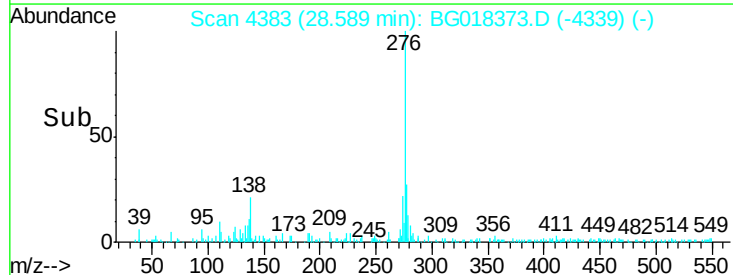
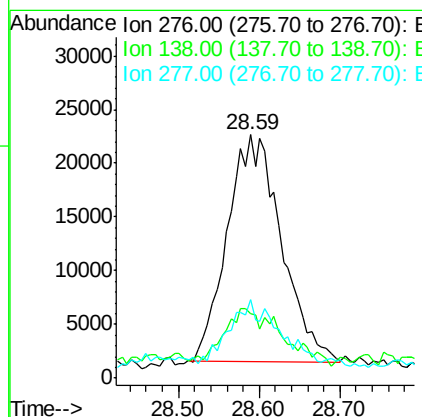
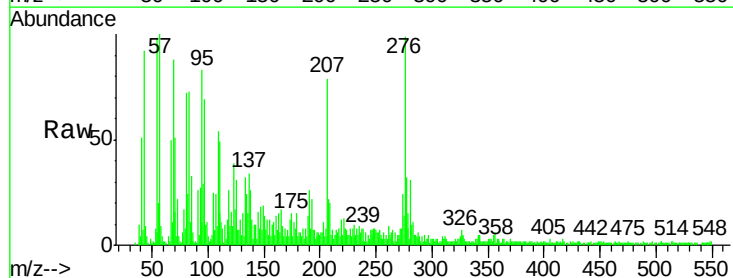
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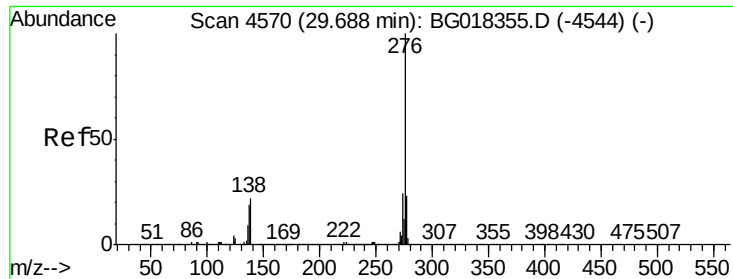
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.49 ng/ul m
RT: 28.59 min Scan# 4383
Delta R.T. 0.06 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.5	15.8	23.6
277	32.0	18.9	28.3





#94

Benzo(g,h,i)perylene

Concen: 1.34 ng/ul m

RT: 29.75 min Scan# 4580

Delta R.T. 0.07 min

Lab File: BG018373.D

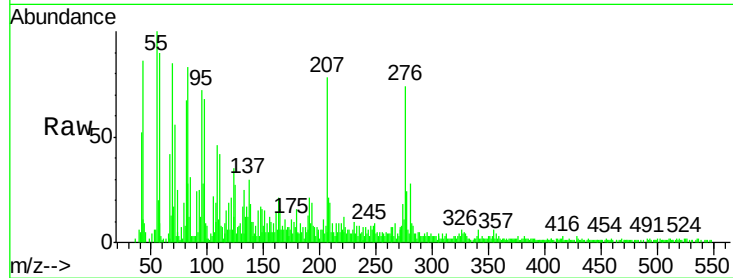
Acq: 11 Aug 2015 3:16

Instrument :

BNA_G

ClientSampleId :

C02D1



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	24.7	16.5	24.7#	
277	32.5	19.0	28.6#	

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