

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
 Data File : BG019280.D
 Acq On : 21 Oct 2015 14:14
 Operator : UM/NP
 Sample : G4074-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9J9

Manual Integrations
 APPROVED

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 10/22/2015 4:55:48 PM

Quant Time: Oct 21 15:49:22 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 12:55:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	15346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	75540	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	58568	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	142649	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	160519	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	164291	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	738	2.68	ng/uL	0.00
5) Phenol-d5	7.16	99	25035	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	14991	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	20174	20.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	22631	19.94	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	10265	17.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	13379	21.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	25308	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	25094	15.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	94368	18.42	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	110535	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	14123	15.34	ng/ul	0.00
58) Fluorene-d10	15.61	176	86712	19.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	15581	17.70	ng/ul	0.00
71) Anthracene-d10	17.47	188	135786	20.15	ng/ul	0.00
79) Pyrene-d10	19.75	212	152953	21.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	171867	20.71	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.07	163	21486	4.16	ng/ul#	97
77) Fluoranthene	19.42	202	23622	2.37	ng/ul#	92
80) Pyrene	19.78	202	20816	2.18	ng/ul#	88
85) Chrysene	21.67	228	22206	2.59	ng/ul	92
88) Benzo(b)fluoranthene	23.80	252	46766	5.02	ng/ul#	98
89) Benzo(k)fluoranthene	23.87	252	12258	1.34	ng/ul#	90
91) Benzo(a)pyrene	24.68	252	13535m	1.51	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.45	276	16989m	1.60	ng/ul	
94) Benzo(a,h,i)perylene	29.59	276	17621m	2.01	ng/ul	

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

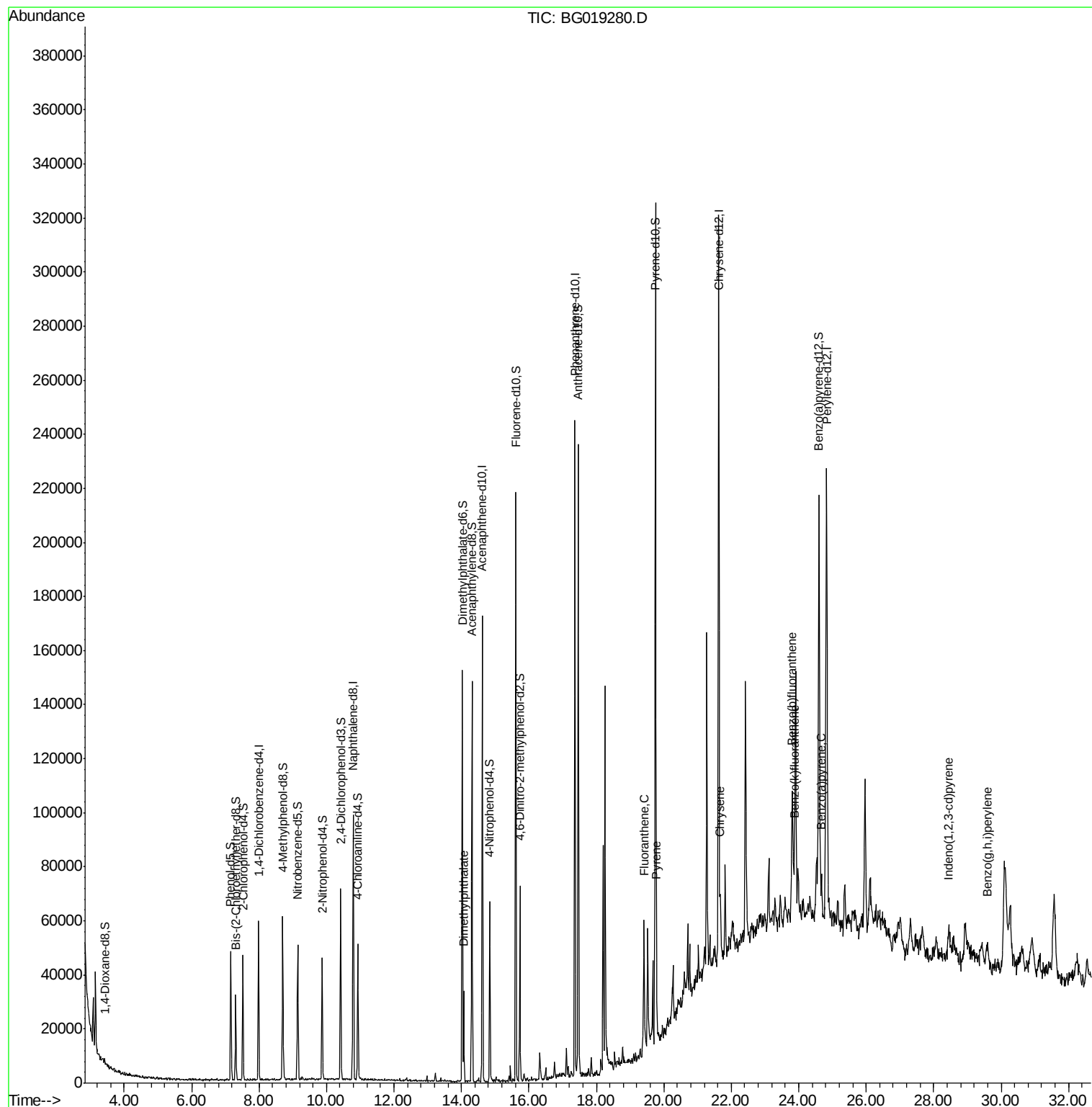
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019280.D
Acq On : 21 Oct 2015 14:14
Operator : UM/NP
Sample : G4074-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

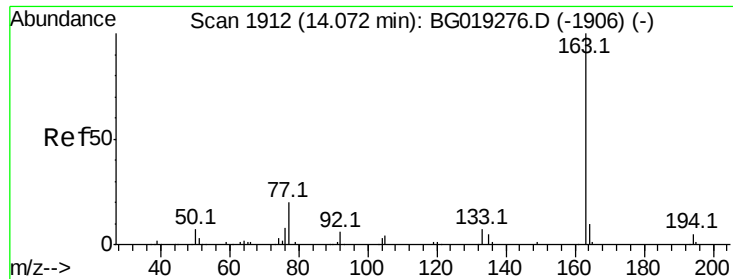
Instrument :
BNA_G
ClientSampleId :
JG9J9

Manual Integrations
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Quant Time: Oct 21 15:49:22 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 12:55:56 2015
Response via : Initial Calibration





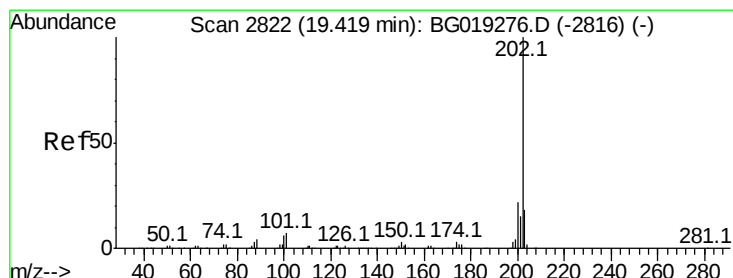
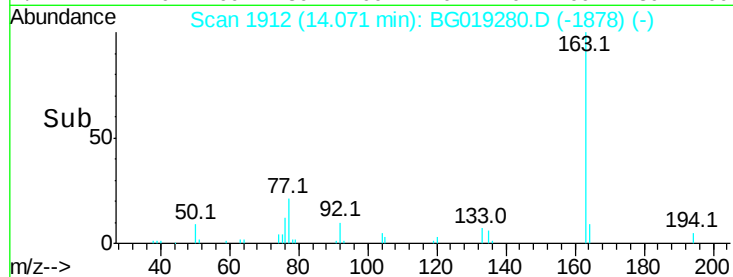
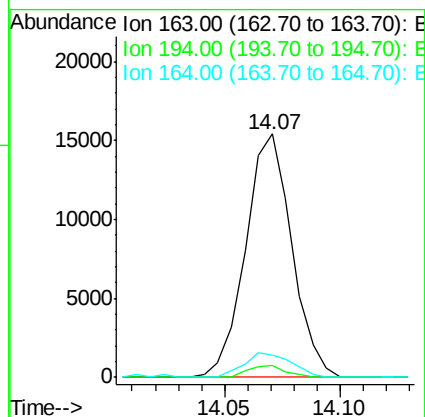
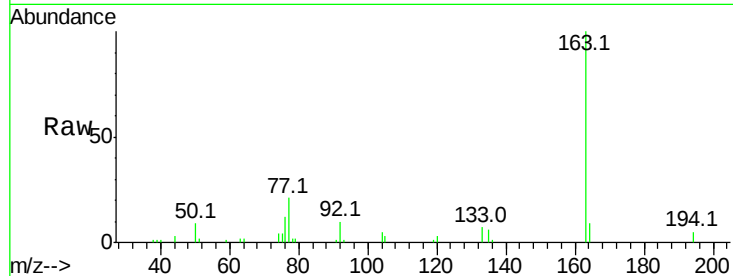
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Dimethylphthalate
Concen: 4.16 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG019280.D
Acq: 21 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
JG9J9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	21486		
194	5.0	3.3	4.9#	
164	9.1	8.1	12.1	

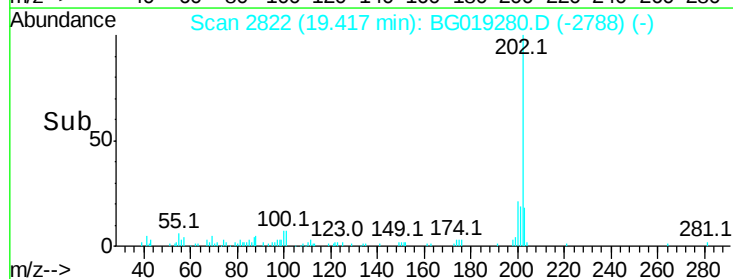
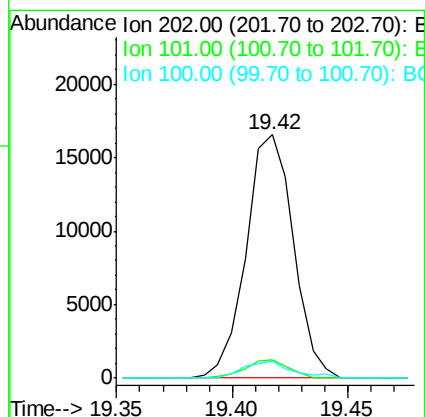
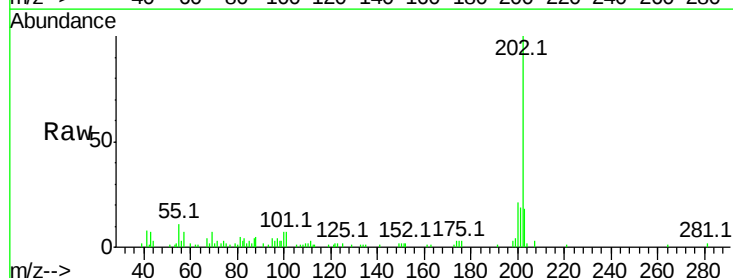
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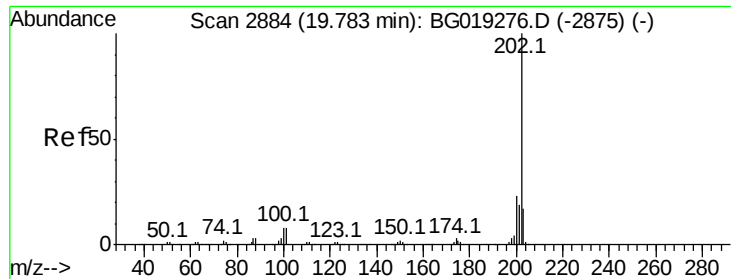
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#77
Fluoranthene
Concen: 2.37 ng/ul
RT: 19.42 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BG019280.D
Acq: 21 Oct 2015 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	23622		
101	7.3	9.0	13.4#	
100	6.8	6.9	10.3#	





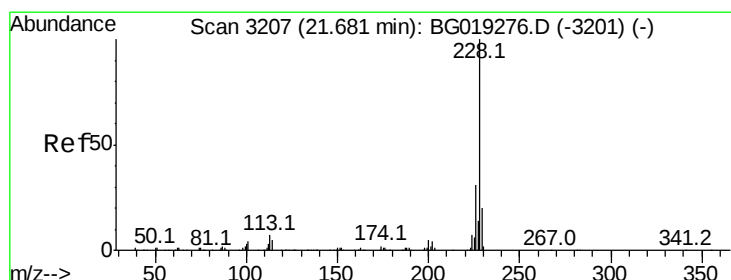
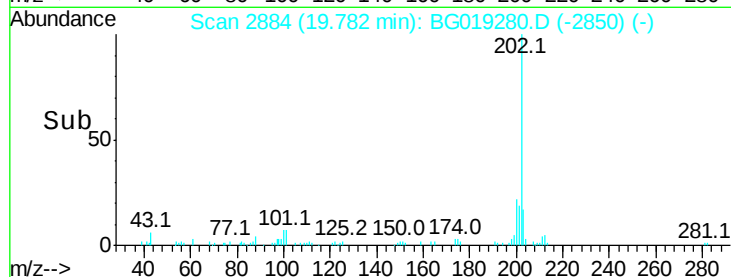
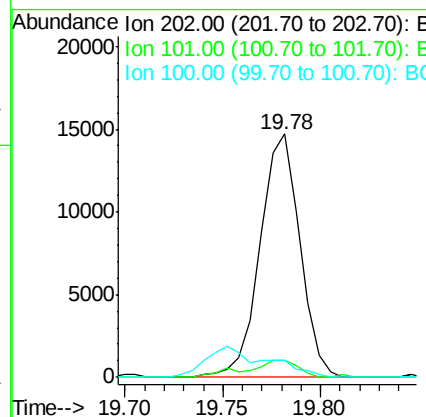
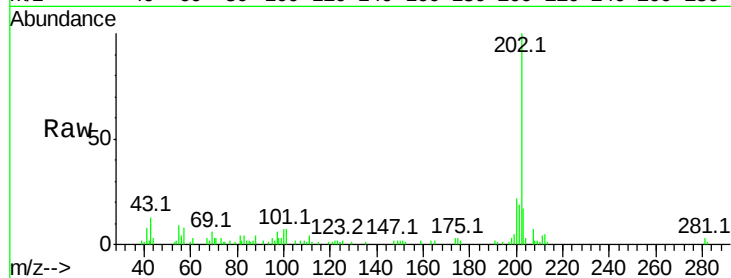
#80
Pvrene
Concen: 2.18 ng/ul
RT: 19.78 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG019280.D
Acq: 21 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
JG9J9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	10.2	15.2#
100	6.8	8.5	12.7#

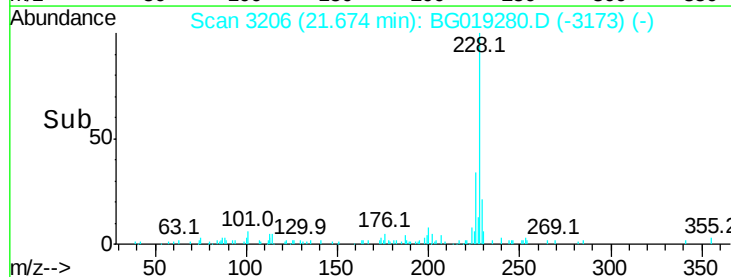
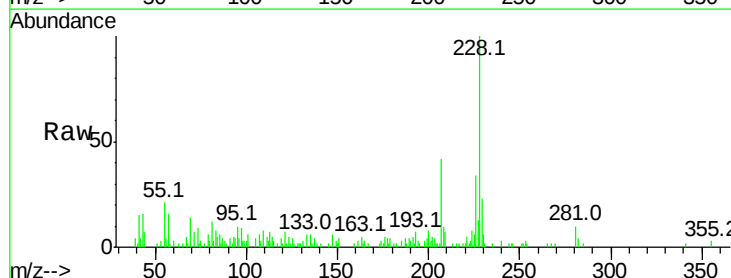
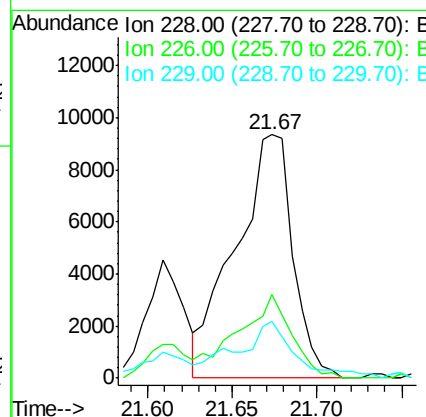
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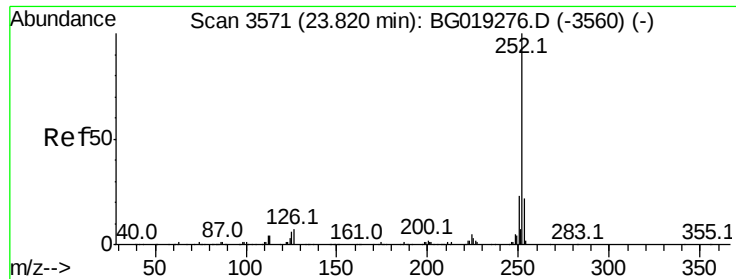
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#85
Chrysene
Concen: 2.59 ng/ul
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019280.D
Acq: 21 Oct 2015 14:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	34.3	24.2	36.2
229	23.1	15.6	23.4





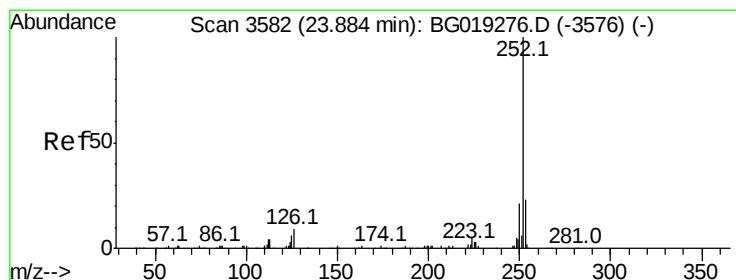
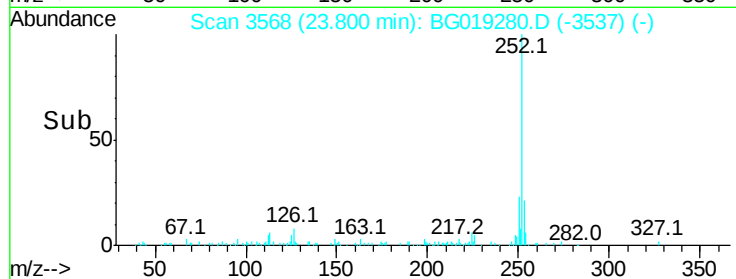
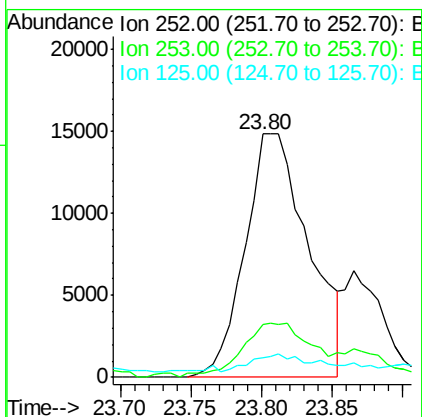
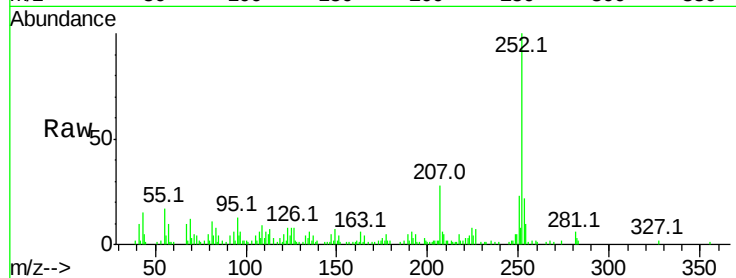
#88
Benzo(b)fluoranthene
Concen: 5.02 ng/ul
RT: 23.80 min Scan# 3568
Delta R.T. -0.02 min
Lab File: BG019280.D
Acq: 21 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
JG9J9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.4	26.2
125	8.0	8.1	12.1#

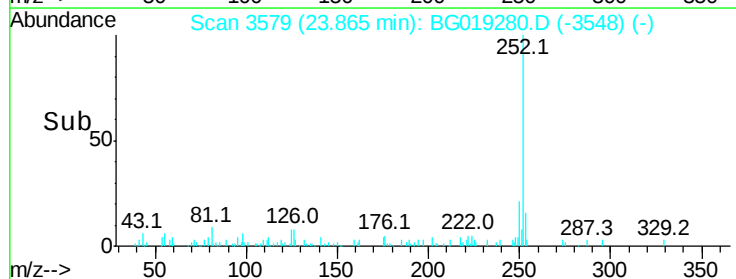
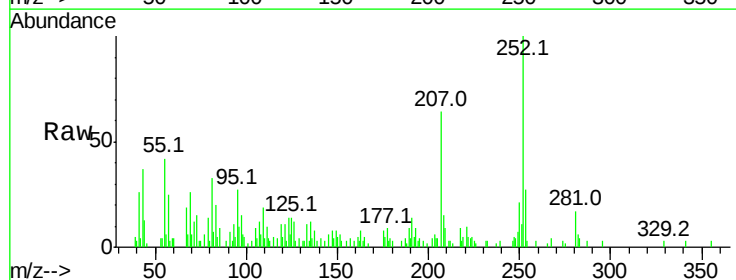
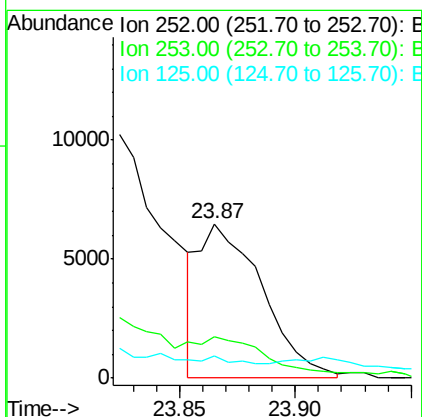
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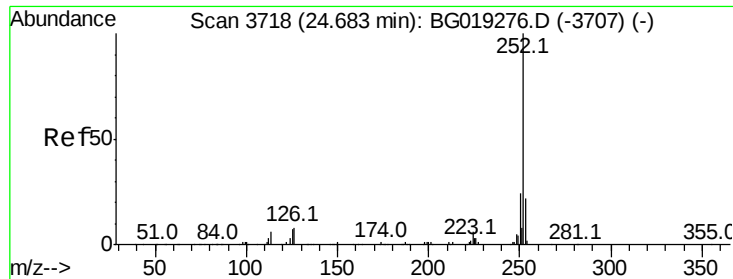
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#89
Benzo(k)fluoranthene
Concen: 1.34 ng/ul
RT: 23.87 min Scan# 3579
Delta R.T. -0.02 min
Lab File: BG019280.D
Acq: 21 Oct 2015 14:14

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.7	17.2	25.8#
125	14.1	8.4	12.6#





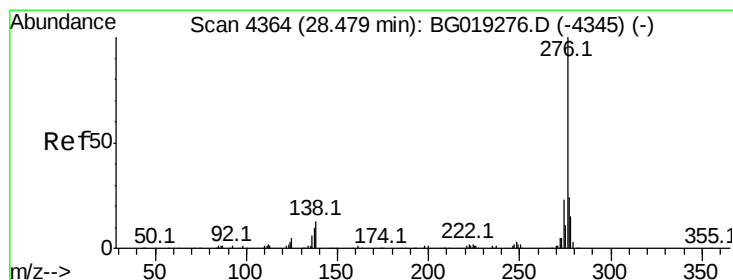
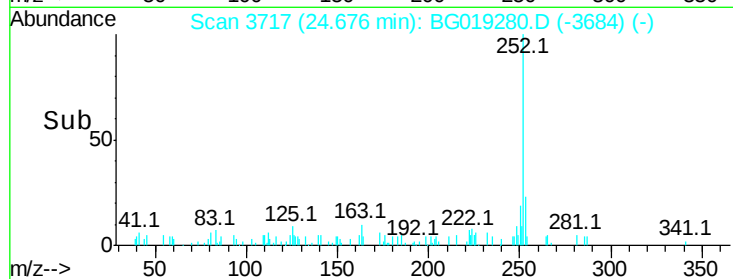
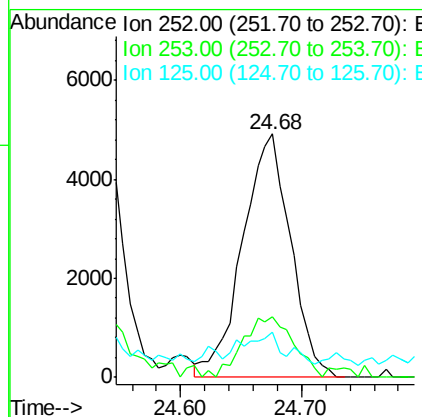
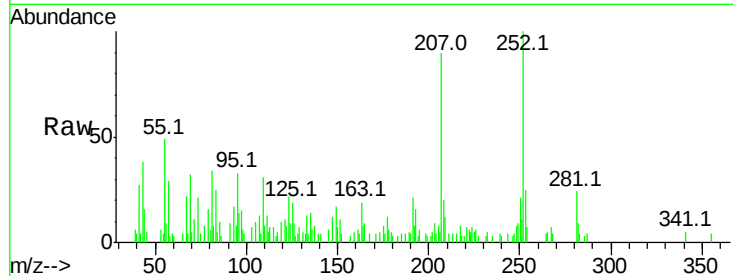
#91
Benzo(a)pyrene
Concen: 1.51 ng/ul m
RT: 24.68 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG019280.D
Acq: 21 Oct 2015 14:14

Instrument :
BNA_G
ClientSampleId :
JG9J9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	18.1	27.1
125	18.6	9.4	14.2

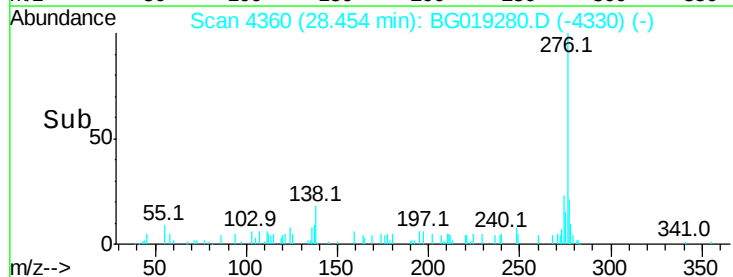
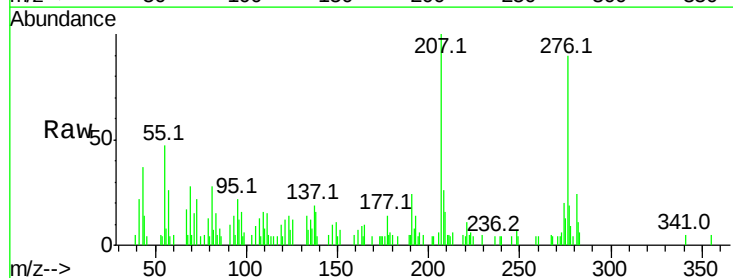
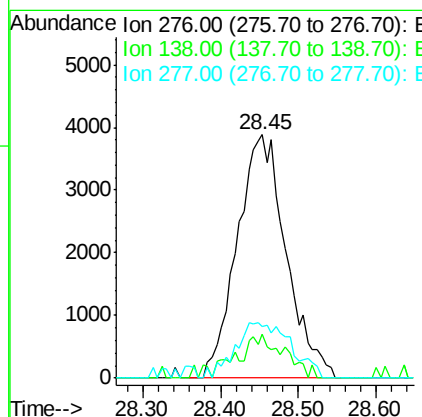
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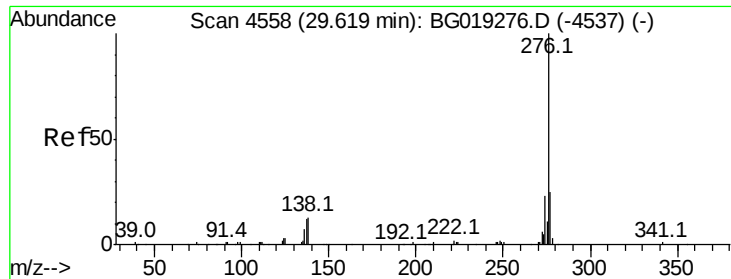
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.60 ng/ul m
RT: 28.45 min Scan# 4360
Delta R.T. -0.03 min
Lab File: BG019280.D
Acq: 21 Oct 2015 14:14

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	18.0	14.9	22.3
277	21.2	18.0	27.0





#94
 Benzo(a,h,i)perylene
 Concen: 2.01 ng/ul m
 RT: 29.59 min Scan# 4554
 Delta R.T. -0.03 min
 Lab File: BG019280.D
 Acq: 21 Oct 2015 14:14

Instrument :
 BNA_G
 ClientSampleId :
 JG9J9

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	16.3	24.5#
277	26.8	18.7	28.1

Manual Integrations
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