

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
 Data File : BG024232.D
 Acq On : 7 Oct 2016 13:23
 Operator : UM/SJ
 Sample : H5103-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BF003-0006-01

Manual Integrations
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Quant Time: Oct 07 14:05:10 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 06:34:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	181706	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	804729	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	632488	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1233407	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1300615	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1341000	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	10218	2.67	ng/uL	0.00
5) Phenol-d5	7.42	99	278658	16.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	193899m	16.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	198171	16.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	231752	16.91	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	101697	17.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	113619	17.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	234581	16.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	298239	20.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	872737	19.76	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	1019736	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	121693	15.54	ng/ul	0.00
57) Fluorene-d10	15.90	176	838061	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	131389	17.73	ng/ul	0.00
70) Anthracene-d10	17.75	188	1249672	22.43	ng/ul	0.00
76) Pyrene-d10	20.02	212	1363873	22.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1351576	22.40	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.35	163	691272	15.96	ng/ul	96
69) Phenanthrene	17.69	178	112077	1.80	ng/ul	96
74) Fluoranthene	19.68	202	294030	4.67	ng/ul#	90
77) Pyrene	20.05	202	238521	3.43	ng/ul#	88
80) Benzo(a)anthracene	21.93	228	141586	1.96	ng/ul	97
82) Chrysene	22.00	228	121342m	1.77	ng/ul	
85) Benzo(b)fluoranthene	24.29	252	142336	1.91	ng/ul#	88
88) Benzo(a)pyrene	25.23	252	122624	1.73	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.38	276	95493m	1.14	ng/ul	
91) Benzo(g,h,i)perylene	30.62	276	84482m	1.20	ng/ul	

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

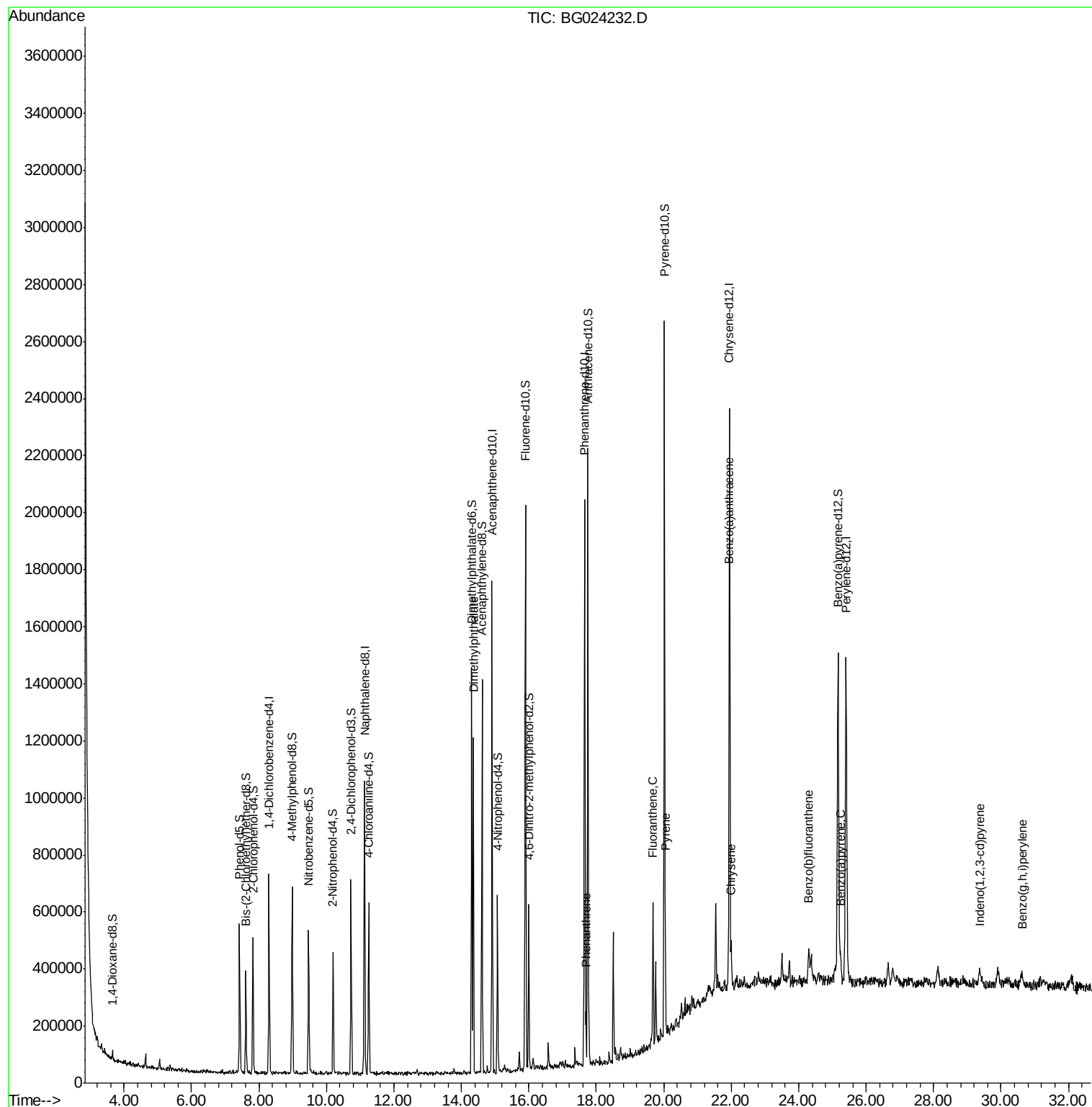
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024232.D
Acq On : 7 Oct 2016 13:23
Operator : UM/SJ
Sample : H5103-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

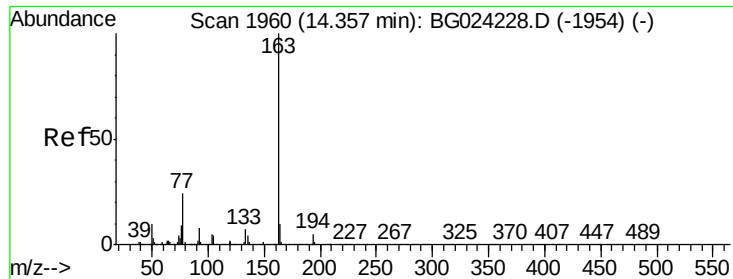
Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

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Quant Time: Oct 07 14:05:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
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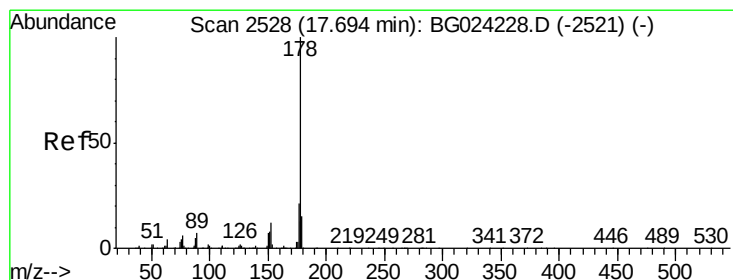
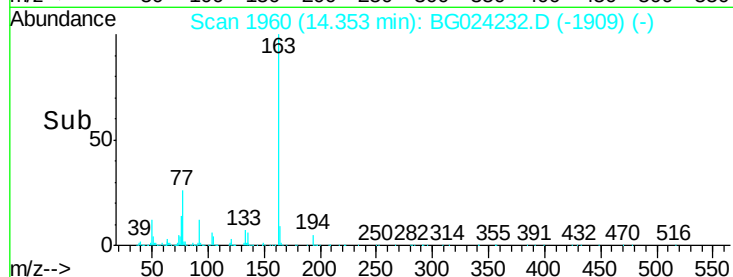
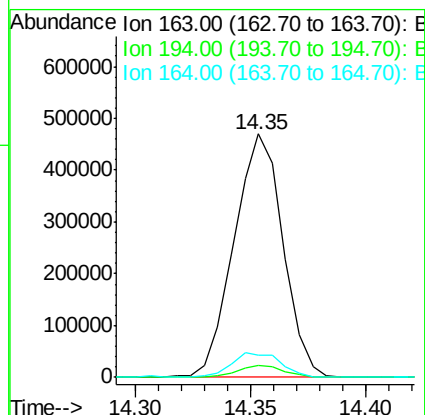
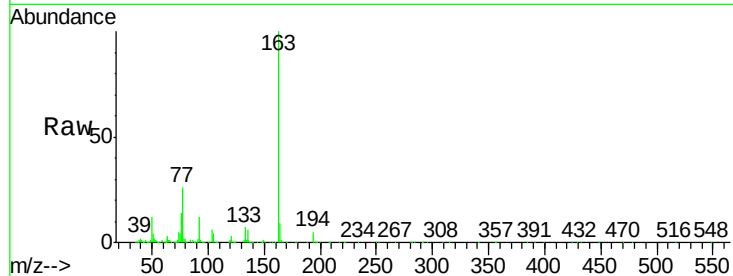
#44
Dimethylphthalate
Concen: 15.96 ng/ul
RT: 14.35 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG024232.D
Acq: 7 Oct 2016 13:23

Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	691272		
194	5.0	3.4	5.2	
164	9.2	8.8	13.2	

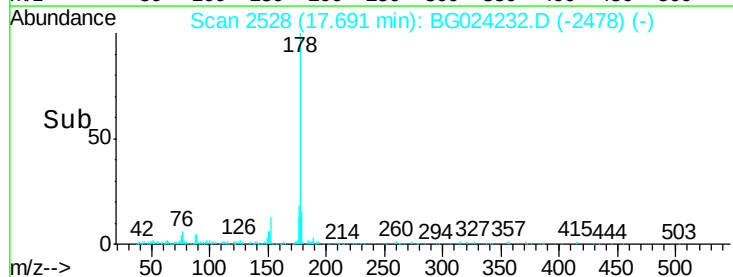
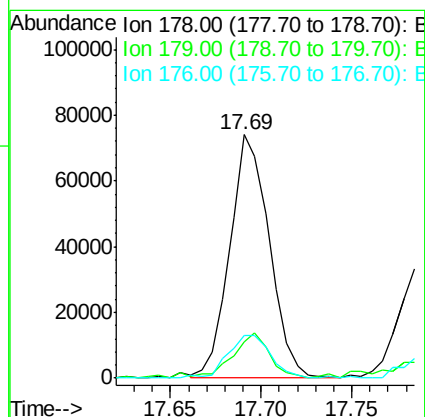
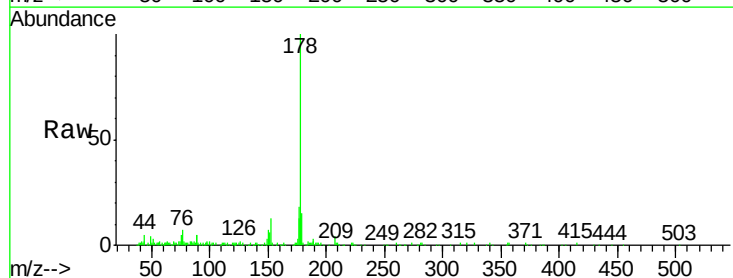
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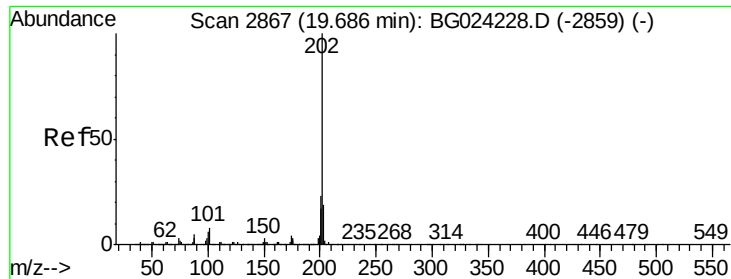
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#69
Phenanthrene
Concen: 1.80 ng/ul
RT: 17.69 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BG024232.D
Acq: 7 Oct 2016 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	112077		
179	15.0	12.9	19.3	
176	17.5	15.8	23.8	





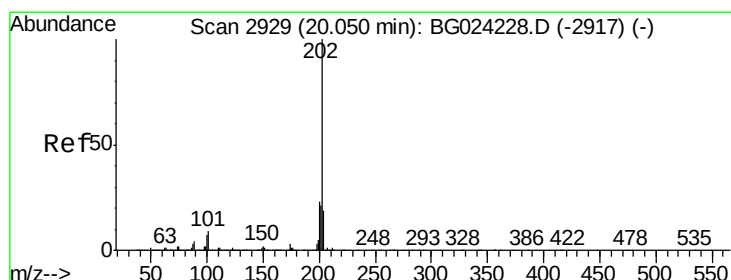
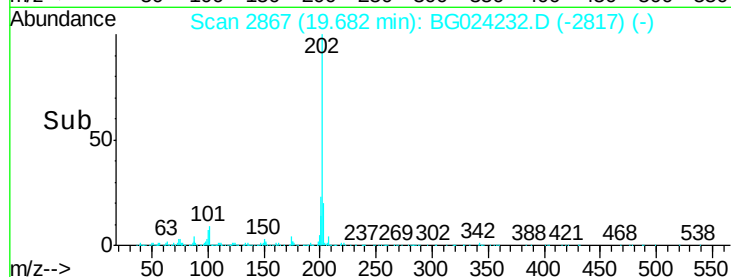
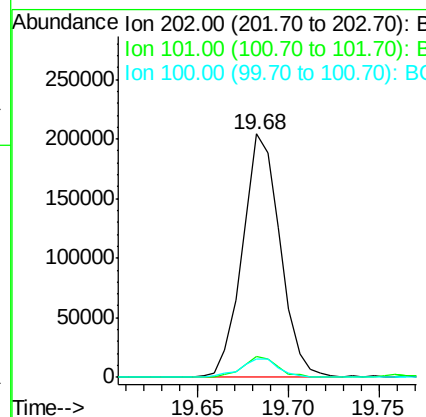
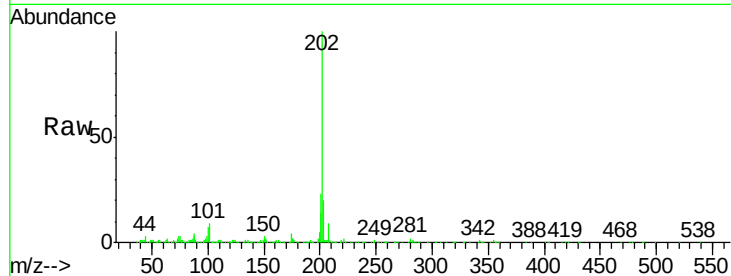
#74
 Fluoranthene
 Concen: 4.67 ng/ul
 RT: 19.68 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG024232.D
 Acq: 7 Oct 2016 13:23

Instrument :
 BNA_G
 ClientSampleId :
 P001-BF003-0006-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	10.6	16.0#
100	7.4	8.7	13.1#

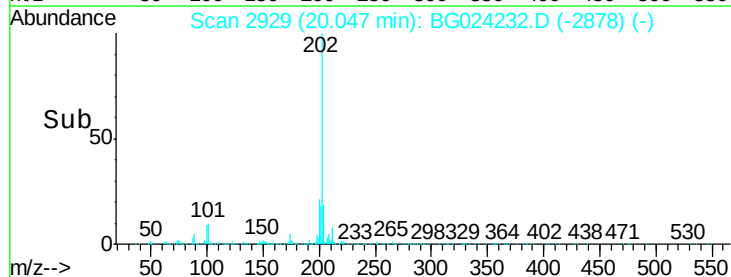
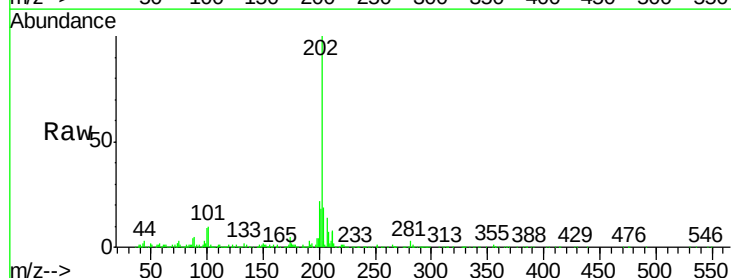
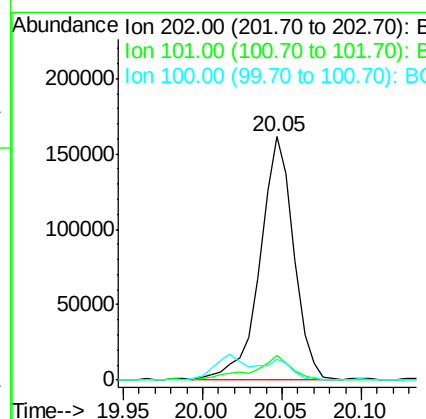
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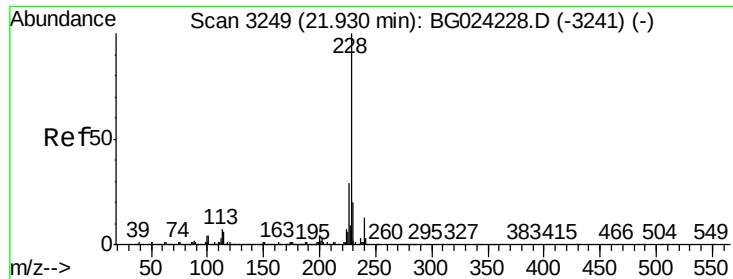
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#77
 Pyrene
 Concen: 3.43 ng/ul
 RT: 20.05 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: BG024232.D
 Acq: 7 Oct 2016 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	12.5	18.7#
100	8.8	10.2	15.4#





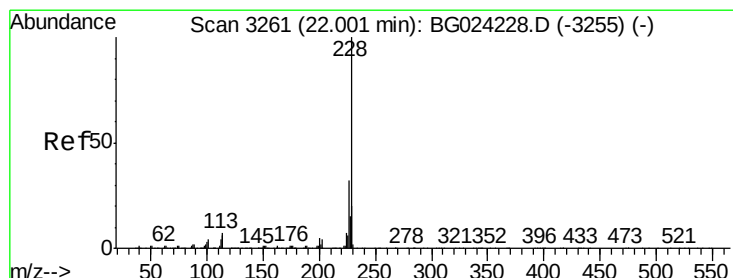
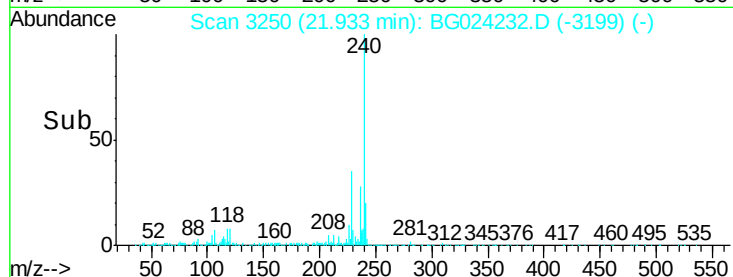
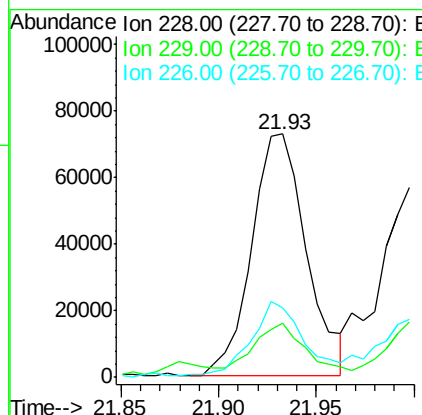
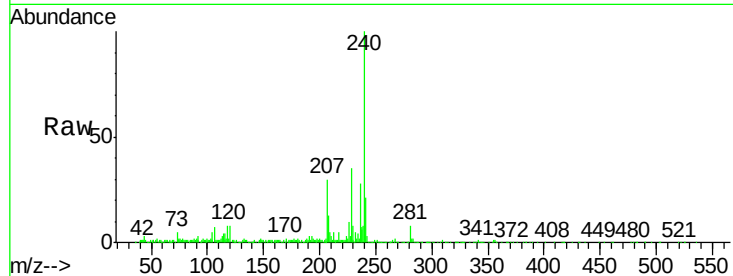
#80
Benzo(a)anthracene
Concen: 1.96 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BG024232.D
Acq: 7 Oct 2016 13:23

Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.4	15.4	23.2
226	28.7	22.8	34.2

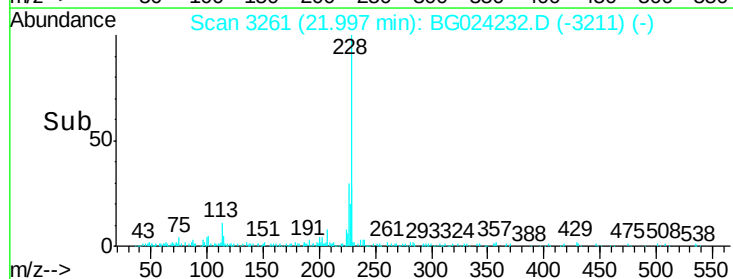
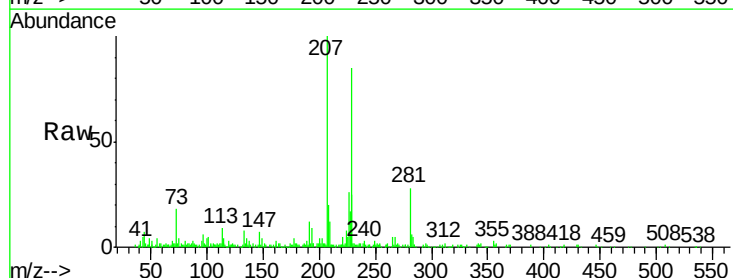
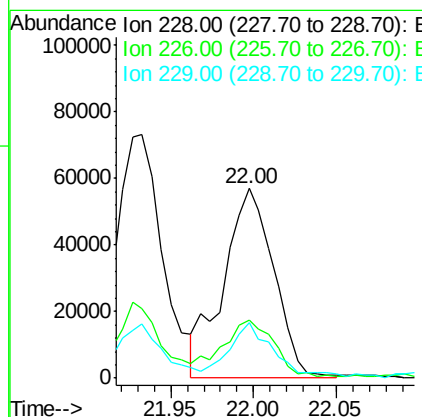
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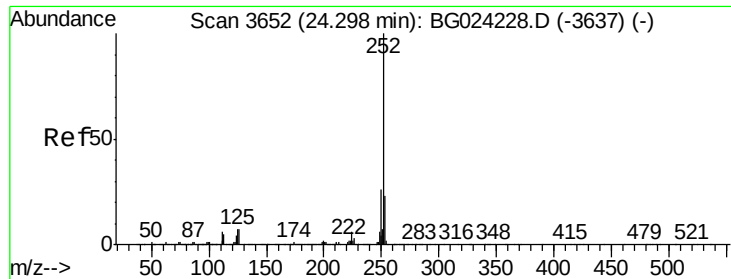
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#82
Chrysene
Concen: 1.77 ng/ul m
RT: 22.00 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BG024232.D
Acq: 7 Oct 2016 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	24.2	36.4
229	29.3	15.0	22.6





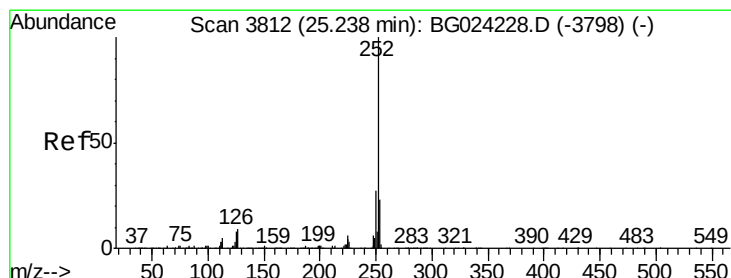
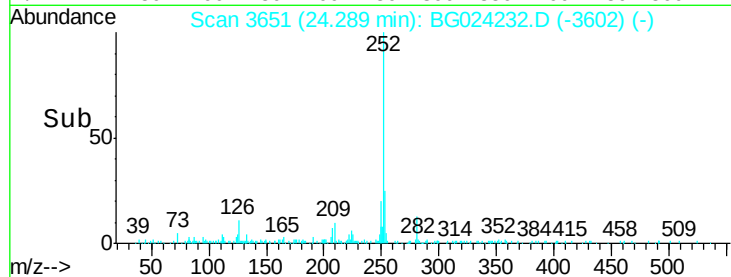
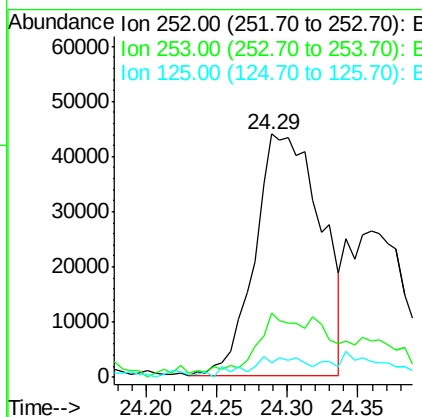
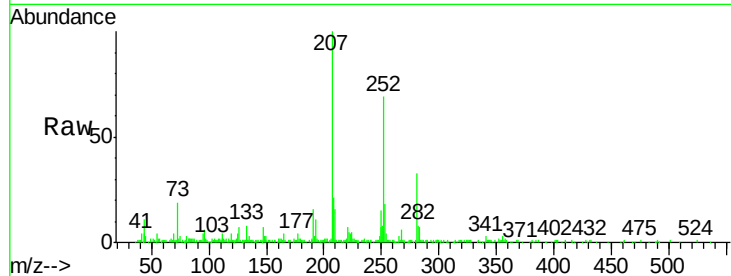
#85
Benzo(b)fluoranthene
Concen: 1.91 ng/ul
RT: 24.29 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG024232.D
Acq: 7 Oct 2016 13:23

Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.4	18.2	27.2
125	5.7	10.8	16.2

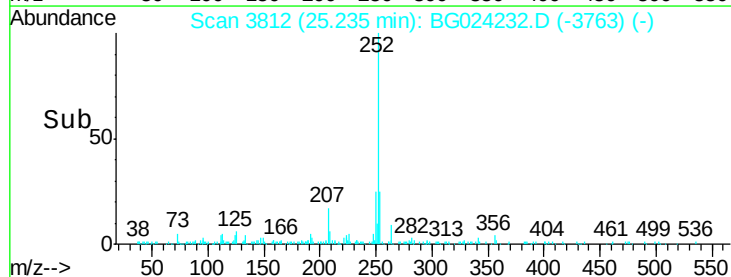
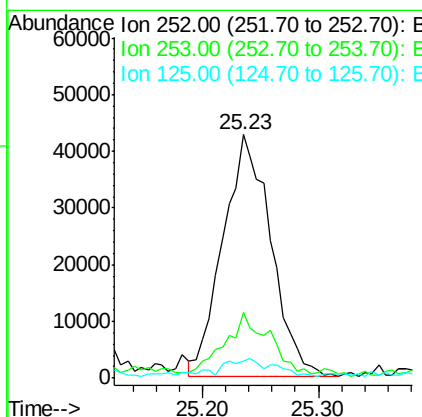
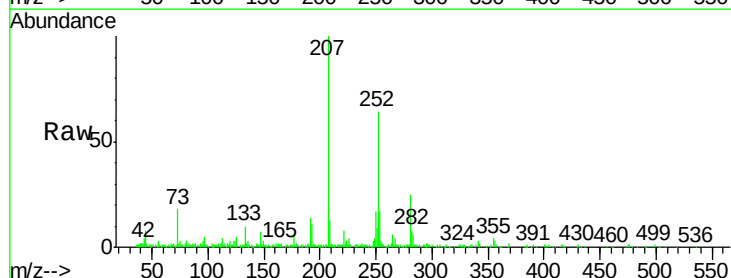
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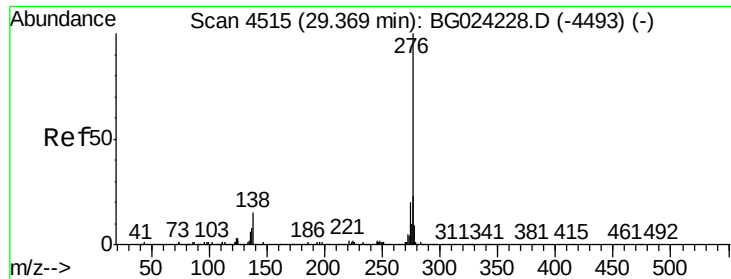
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#88
Benzo(a)pyrene
Concen: 1.73 ng/ul
RT: 25.23 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BG024232.D
Acq: 7 Oct 2016 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.9	19.0	28.4
125	7.1	12.0	18.0





#89

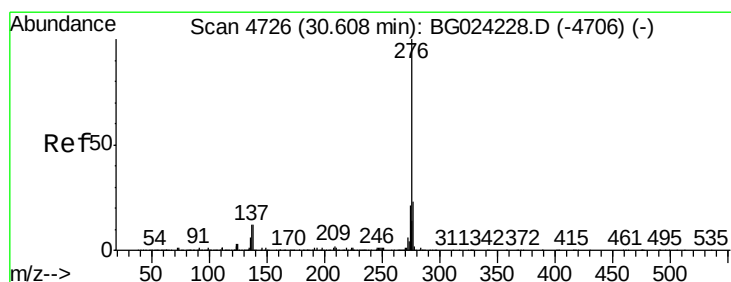
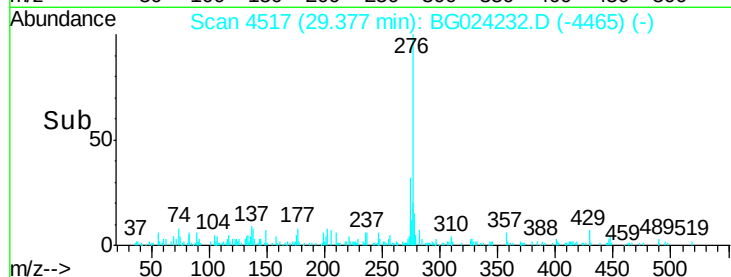
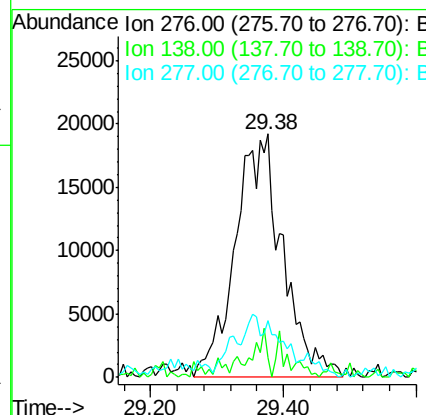
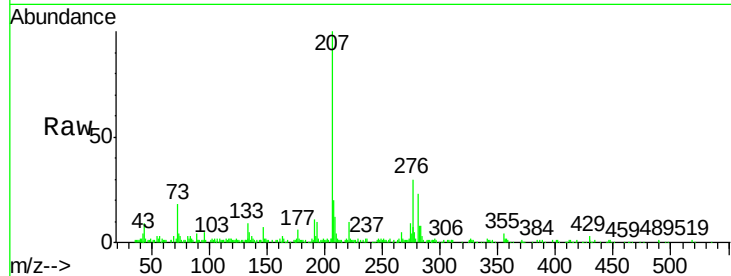
Indeno(1,2,3-cd)pyrene
Concen: 1.14 ng/ul m
RT: 29.38 min Scan# 4517
Delta R.T. 0.00 min
Lab File: BG024232.D
Acq: 7 Oct 2016 13:23

Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.0	20.8	31.2#
277	23.2	17.6	26.4

Manual Integrations
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#91

Benzo(g,h,i)perylene
Concen: 1.20 ng/ul m
RT: 30.62 min Scan# 4728
Delta R.T. -0.01 min
Lab File: BG024232.D
Acq: 7 Oct 2016 13:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	22.1	33.1#
277	13.9	17.0	25.4#

