

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023580.D
 Acq On : 10 Aug 2016 6:19
 Operator : UM/SJ
 Sample : H4362-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PR001-SS006-0002-01

Manual Integrations
 APPROVED

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 8/10/2016 6:51:46 PM

Quant Time: Aug 10 06:59:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	152088	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.94	136	729851	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	532375	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.54	188	1336626m	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1348556m	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	1301718	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	4238	1.18	ng/uL	0.00
5) Phenol-d5	7.27	99	212814	13.89	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	151015	15.38	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	152254	14.57	ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	138441	11.57	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	88200	15.33	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	99634	15.08	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	192749	15.47	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	158991	10.87	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	707445	16.23	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	805778	16.43	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.00	143	104794	14.08	ng/ul	0.00
57) Fluorene-d10	15.78	176	666983	16.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	122599m	14.30	ng/ul	0.00
70) Anthracene-d10	17.64	188	1037790	17.23	ng/ul	-0.01
76) Pyrene-d10	19.94	212	1189285m	17.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1014695	17.22	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	14.22	163	573503	13.29 ng/ul	99
69) Phenanthrene	17.59	178	88543	1.28 ng/ul	97
74) Fluoranthene	19.60	202	221581m	3.13 ng/ul	
77) Pyrene	19.96	202	208764m	2.50 ng/ul	
80) Benzo(a)anthracene	21.84	228	79391m	1.05 ng/ul	
82) Chrysene	21.91	228	95076m	1.38 ng/ul	
85) Benzo(b)fluoranthene	24.18	252	123489	1.67 ng/ul#	94
88) Benzo(a)pyrene	25.09	252	75042m	1.05 ng/ul	

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

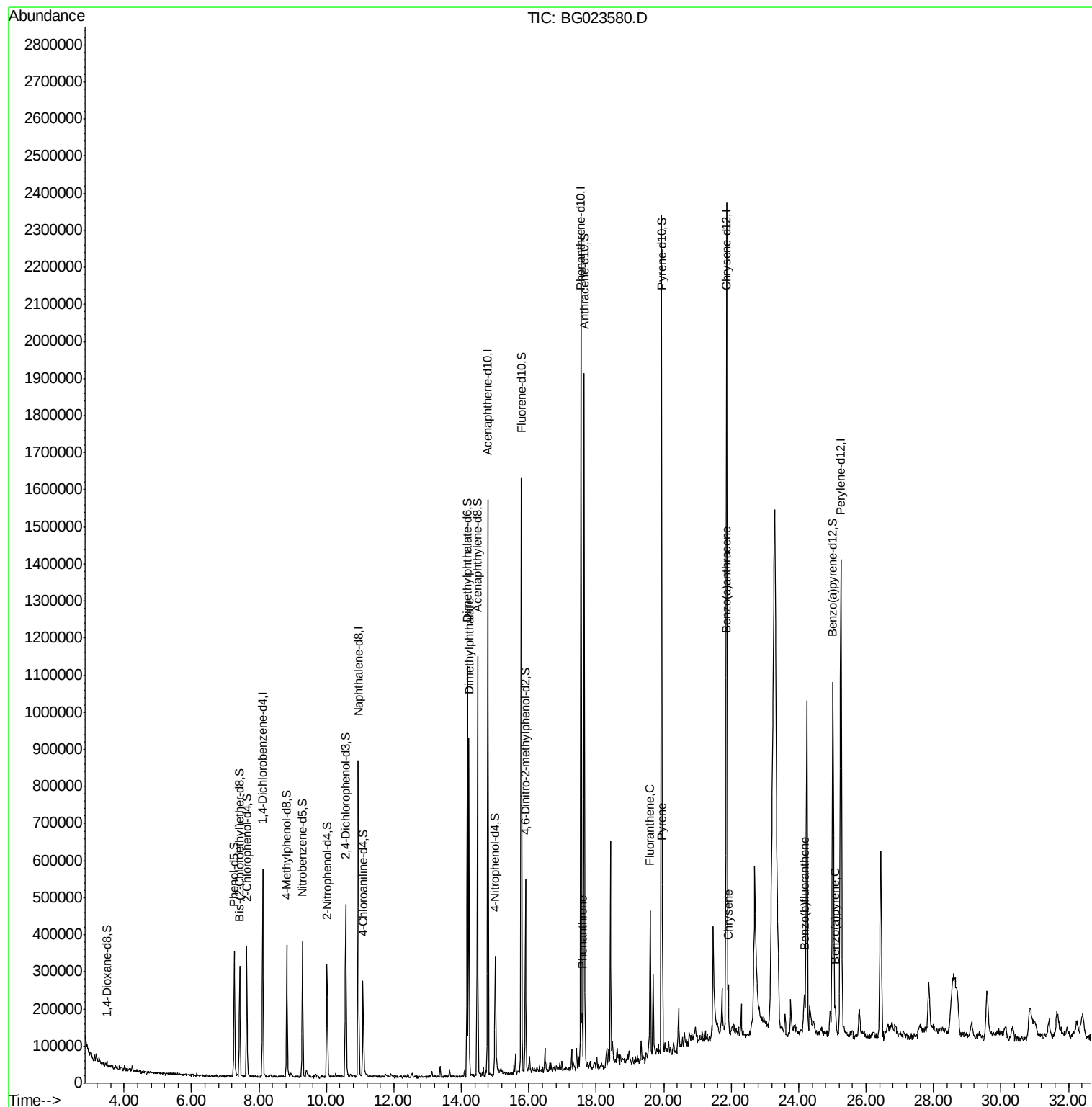
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
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Acq On : 10 Aug 2016 6:19
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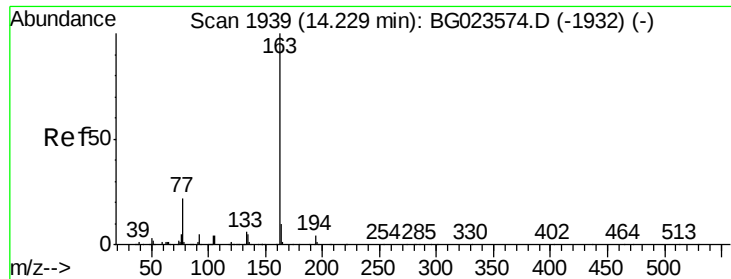
Instrument :
BNA_G
ClientSampleId :
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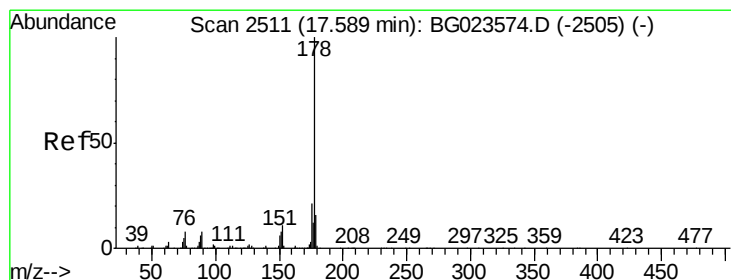
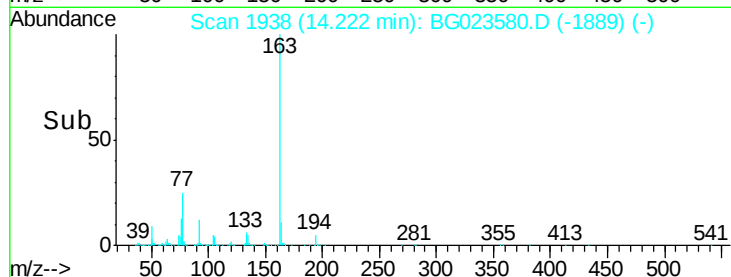
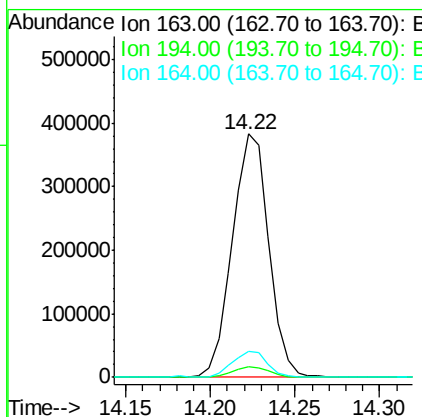
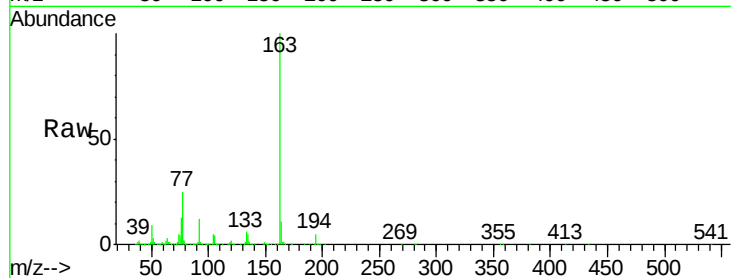
#44
Dimethylphthalate
Concen: 13.29 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.8	8.8	13.2

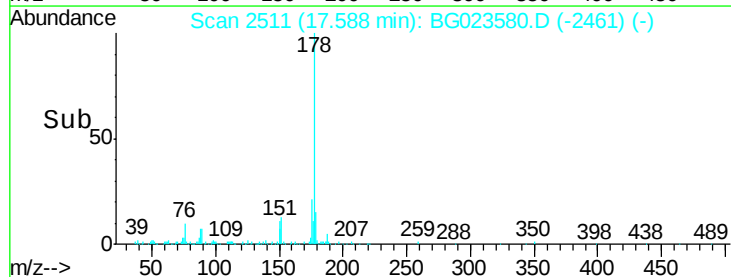
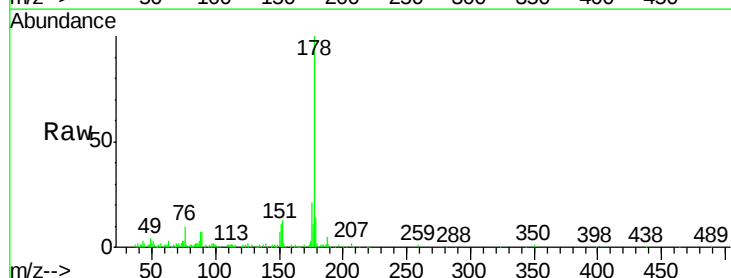
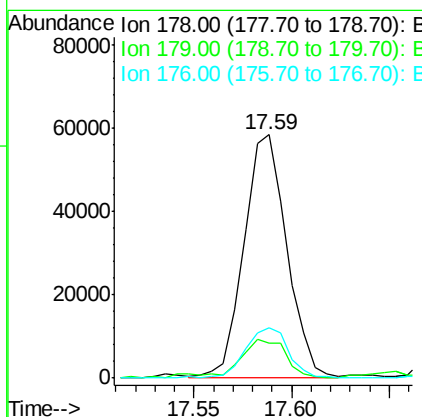
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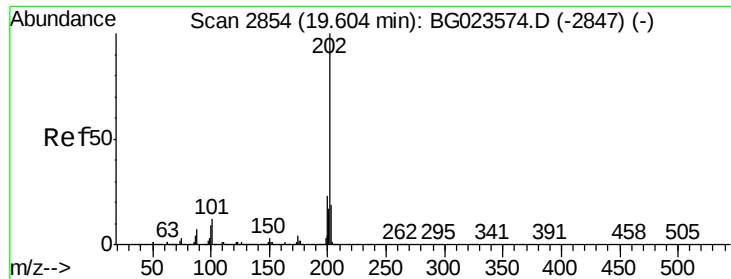
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#69
Phenanthrene
Concen: 1.28 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.9	19.3
176	20.6	15.8	23.8





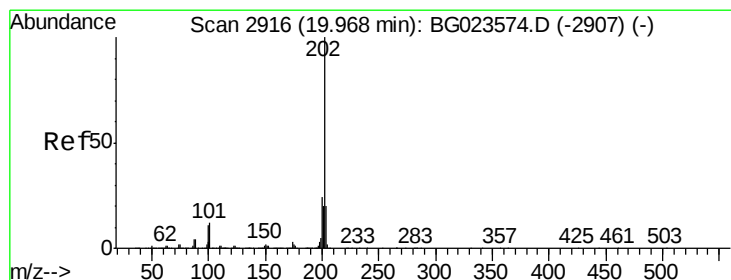
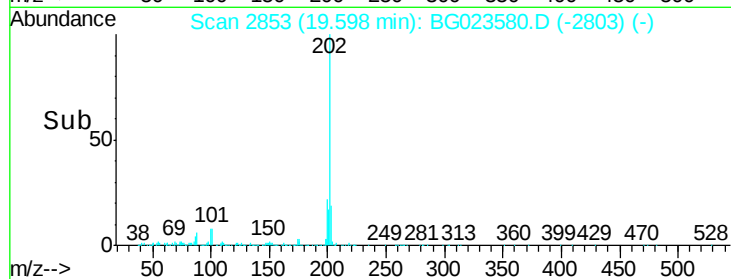
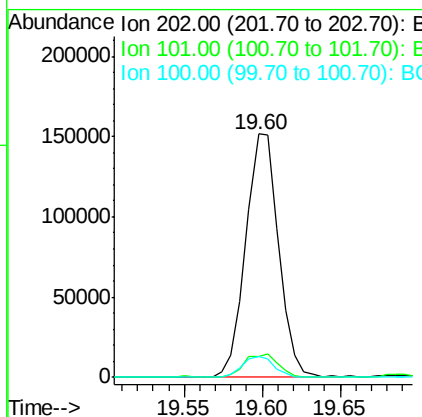
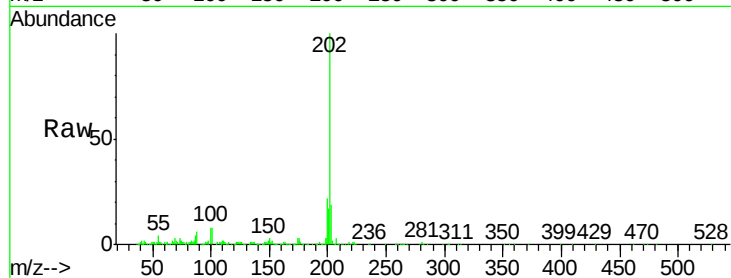
#74
Fluoranthene
Concen: 3.13 ng/ul m
RT: 19.60 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	10.6	16.0#
100	8.5	8.7	13.1#

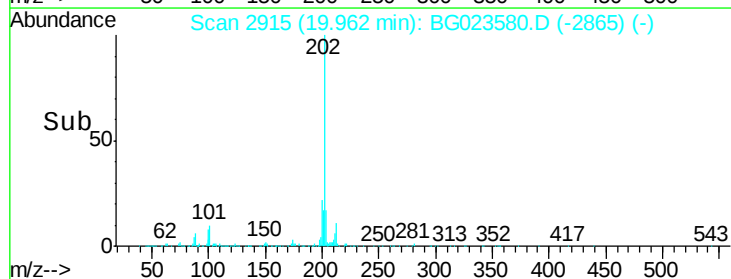
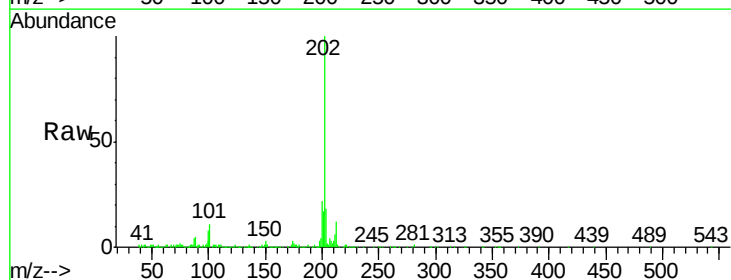
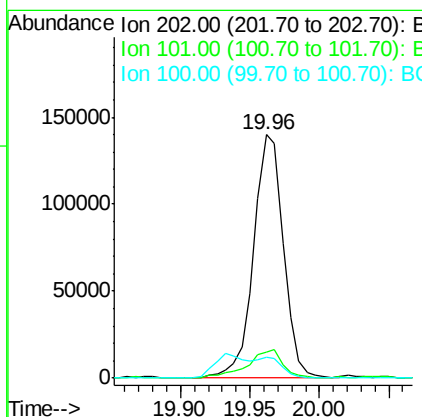
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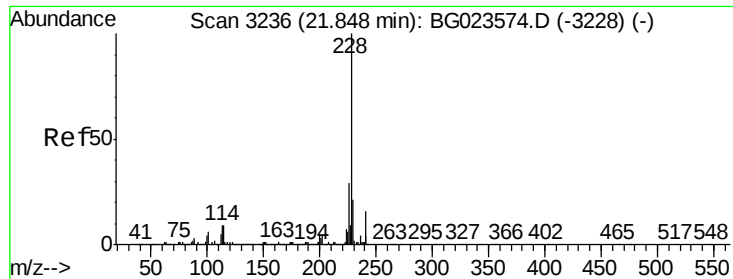
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#77
Pyrene
Concen: 2.50 ng/ul m
RT: 19.96 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	12.5	18.7#
100	8.5	10.2	15.4#





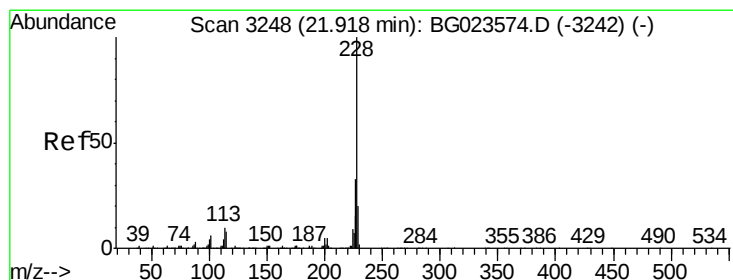
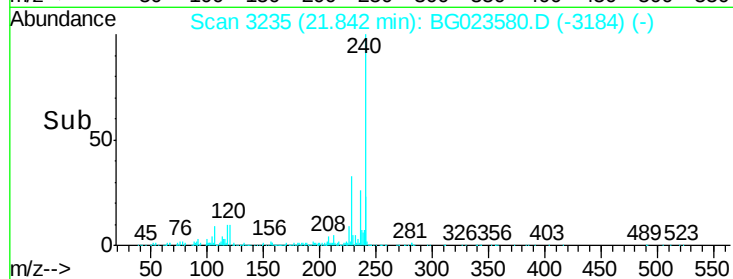
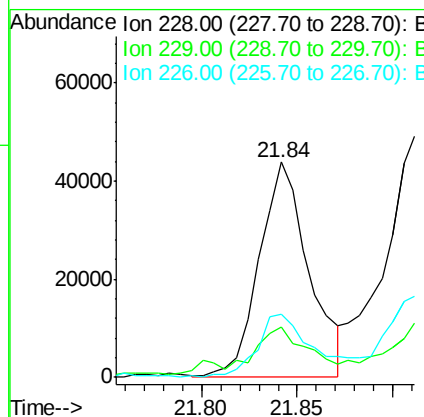
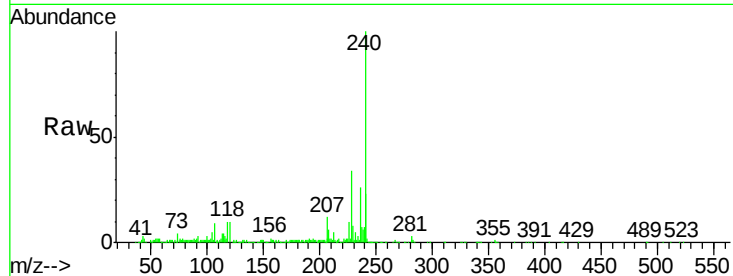
#80
Benzo(a)anthracene
Concen: 1.05 ng/ul m
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-0002-01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.4	23.2#
226	29.5	22.8	34.2

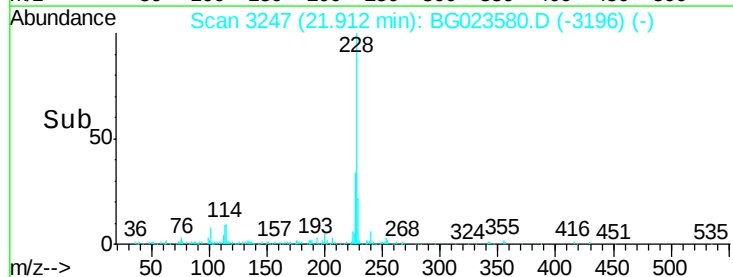
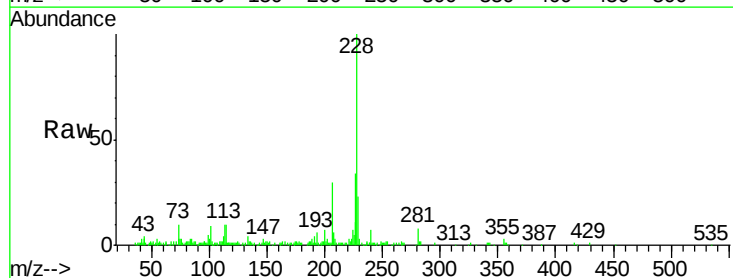
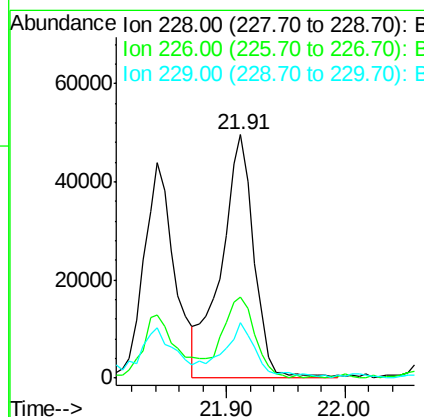
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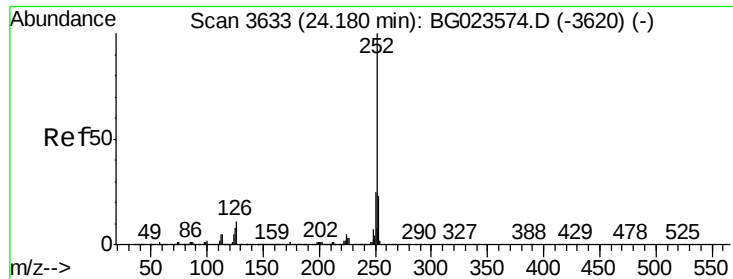
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#82
Chrysene
Concen: 1.38 ng/ul m
RT: 21.91 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BG023580.D
Acq: 10 Aug 2016 6:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.2	36.4
229	22.8	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 1.67 ng/ul

RT: 24.18 min Scan# 3633

Delta R.T. 0.02 min

Lab File: BG023580.D

Acq: 10 Aug 2016 6:19

Instrument :

BNA_G

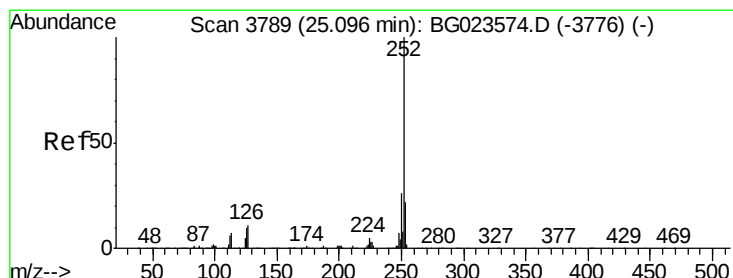
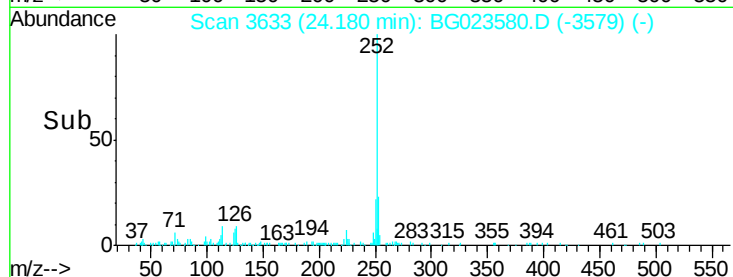
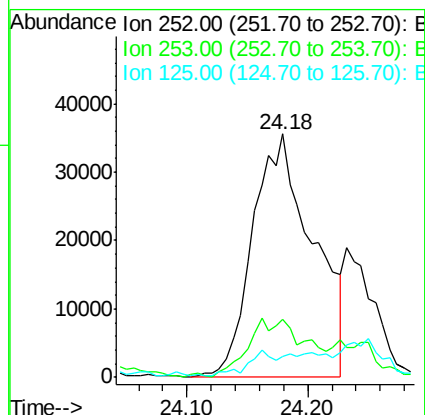
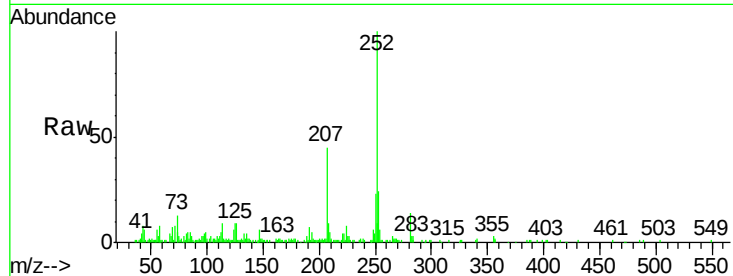
ClientSampleId :

PR001-SS006-0002-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	123489		
253	23.8	18.2	27.2	
125	8.8	10.8	16.2	

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.05 ng/ul m

RT: 25.09 min Scan# 3788

Delta R.T. 0.01 min

Lab File: BG023580.D

Acq: 10 Aug 2016 6:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	75042		
253	22.9	19.0	28.4	
125	8.7	12.0	18.0	

