

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
 Data File : BG023486.D
 Acq On : 5 Aug 2016 13:48
 Operator : UM/SJ
 Sample : H4209-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJH8

Manual Integrations
 APPROVED

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Quant Time: Aug 06 00:35:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 02:24:23 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	144781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	665895	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	485920	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1188725	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1185981	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1183426	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	5448	1.60	ng/uL	0.00
5) Phenol-d5	7.27	99	243644	16.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	180758	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	168532	16.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	189777	16.67	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	98004	18.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	112833	18.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	191352m	16.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	251558	18.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	800863	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	891797	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	97802	14.40	ng/ul	0.00
57) Fluorene-d10	15.78	176	725714	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	130381	17.10	ng/ul	0.00
70) Anthracene-d10	17.64	188	1098335	20.51	ng/ul	0.00
76) Pyrene-d10	19.93	212	1267097	21.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1170970	21.86	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	422846	10.73	ng/ul	96
69) Phenanthrene	17.59	178	124408	2.02	ng/ul	93
74) Fluoranthene	19.60	202	293122	4.65	ng/ul#	94
77) Pyrene	19.96	202	267484	3.65	ng/ul#	91
80) Benzo(a)anthracene	21.84	228	137083m	2.05	ng/ul	
82) Chrysene	21.91	228	118549	1.95	ng/ul#	93
85) Benzo(b)fluoranthene	24.16	252	132621m	1.97	ng/ul	
88) Benzo(a)pyrene	25.07	252	110172m	1.70	ng/ul	

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

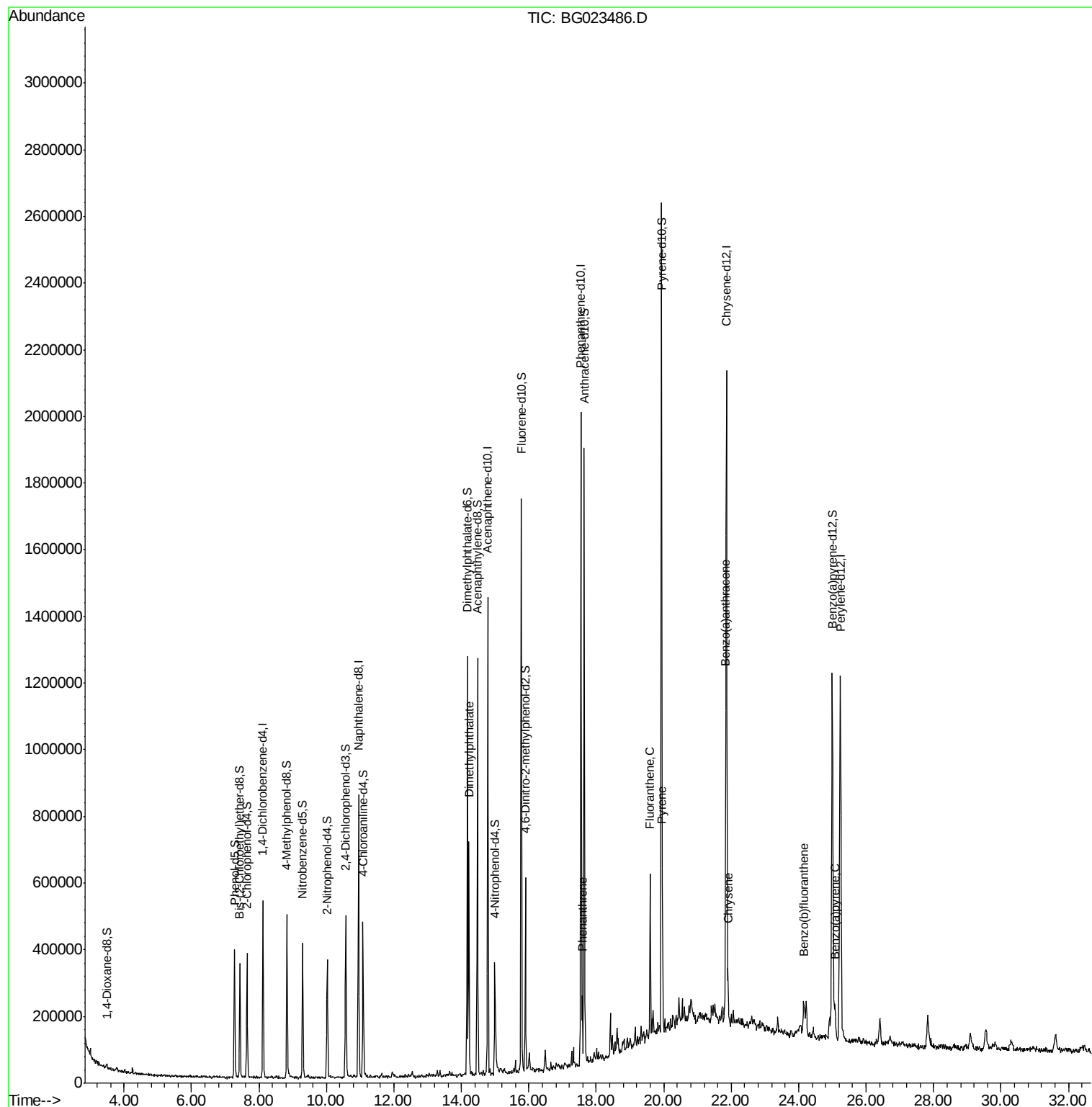
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023486.D
Acq On : 5 Aug 2016 13:48
Operator : UM/SJ
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Misc :
ALS Vial : 29 Sample Multiplier: 1

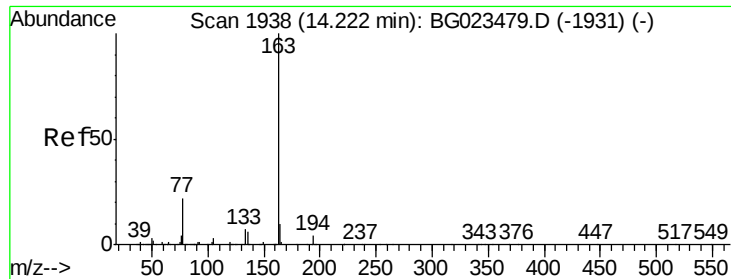
Instrument :
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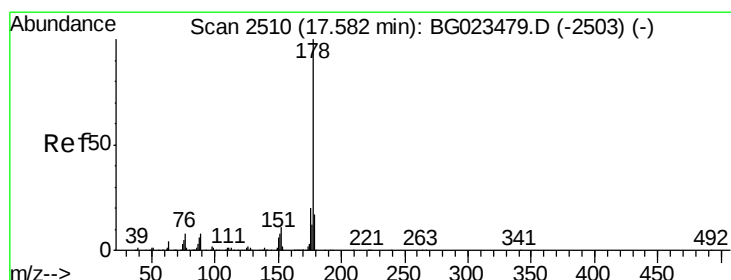
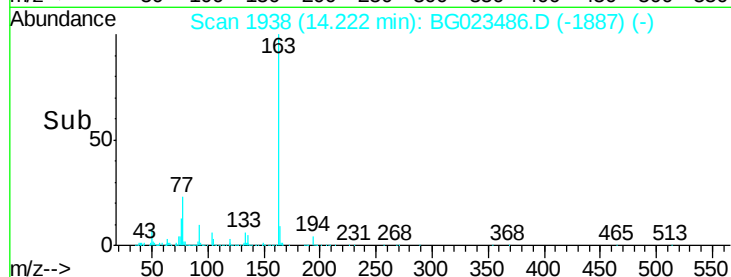
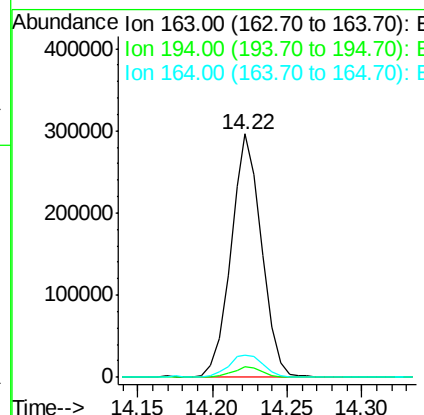
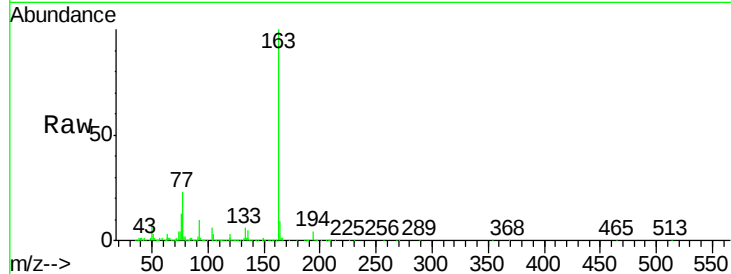
#44
Dimethylphthalate
Concen: 10.73 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG023486.D
Acq: 5 Aug 2016 13:48

Instrument :
BNA_G
ClientSampleId :
BDJH8

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.4	5.2
164	9.0	8.8	13.2

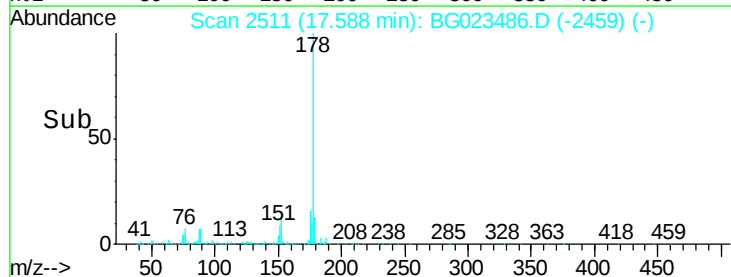
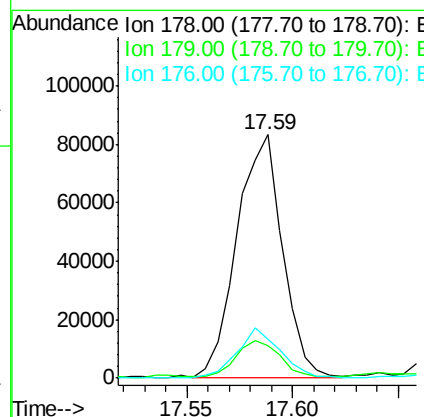
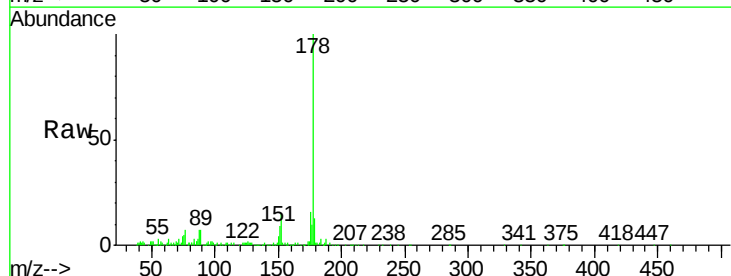
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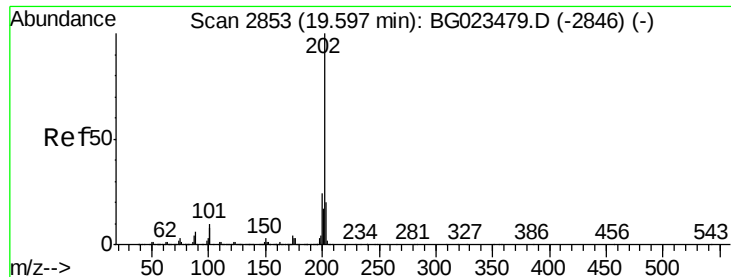
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#69
Phenanthrene
Concen: 2.02 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BG023486.D
Acq: 5 Aug 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	13.4	12.9	19.3
176	16.1	15.8	23.8





#74

Fluoranthene

Concen: 4.65 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023486.D

Acq: 5 Aug 2016 13:48

Instrument :

BNA_G

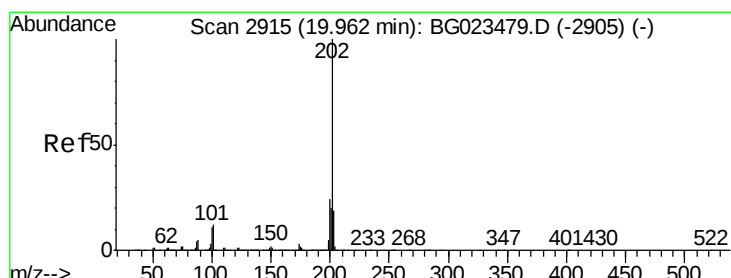
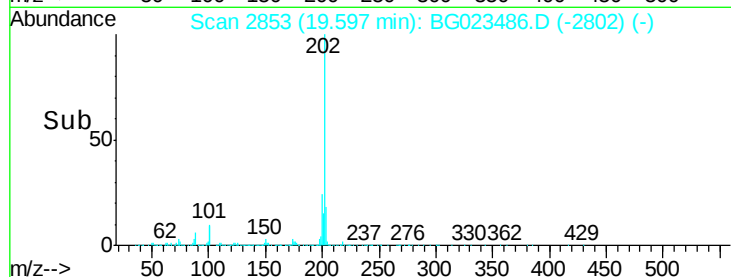
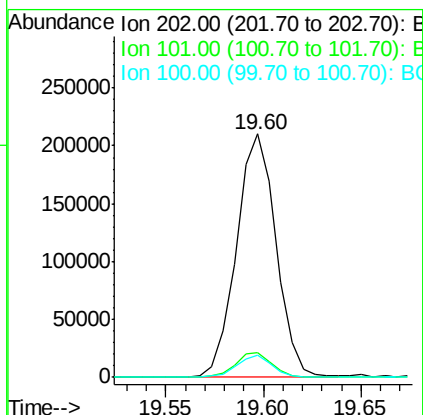
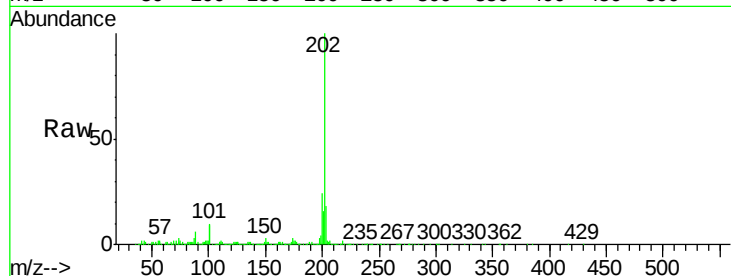
ClientSampled :

BDJH8

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		293122		
101	10.2	10.6	16.0#		
100	9.1	8.7	13.1		

Manual Integrations
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#77

Pyrene

Concen: 3.65 ng/ul

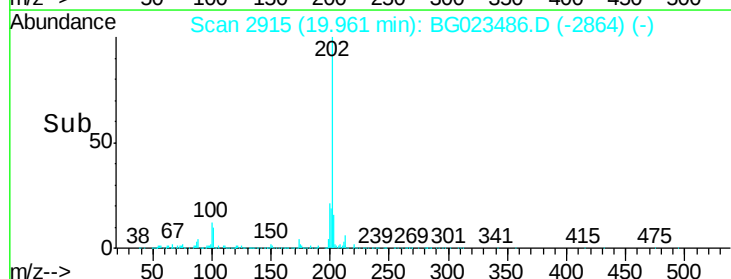
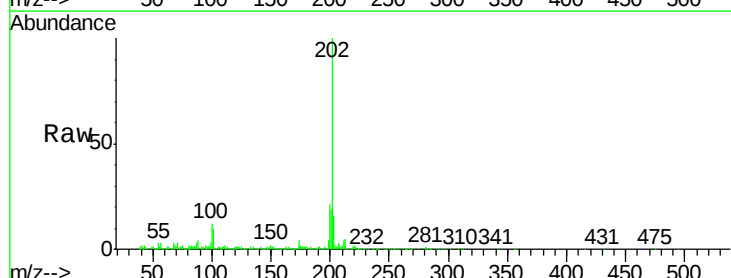
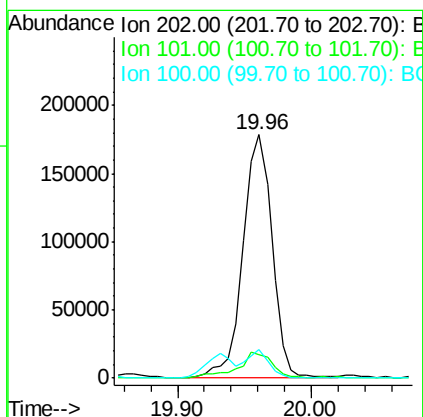
RT: 19.96 min Scan# 2915

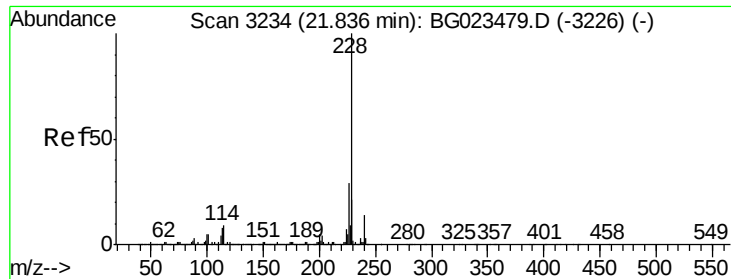
Delta R.T. -0.00 min

Lab File: BG023486.D

Acq: 5 Aug 2016 13:48

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		267484		
101	9.9	12.5	18.7#		
100	11.7	10.2	15.4		





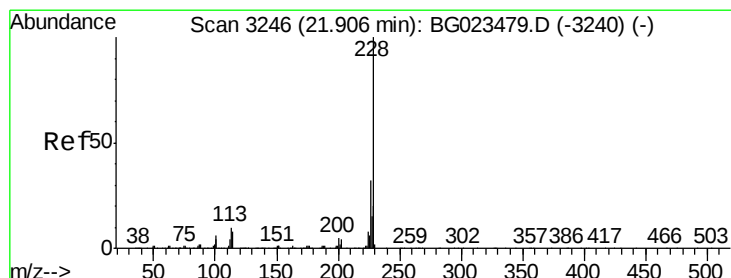
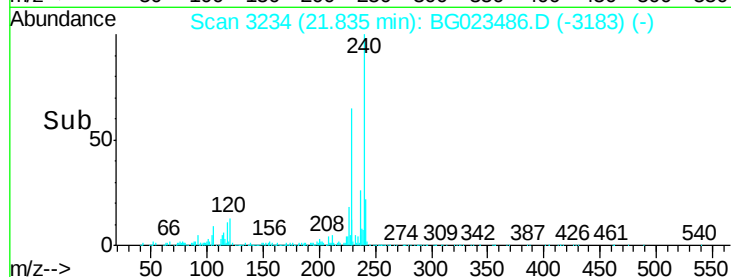
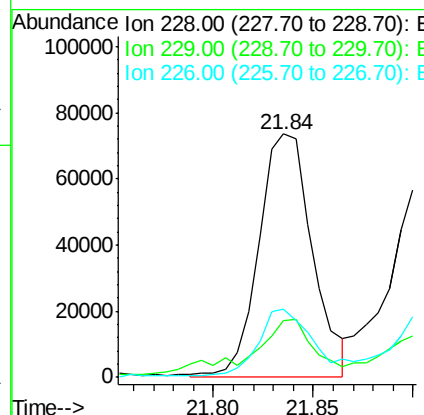
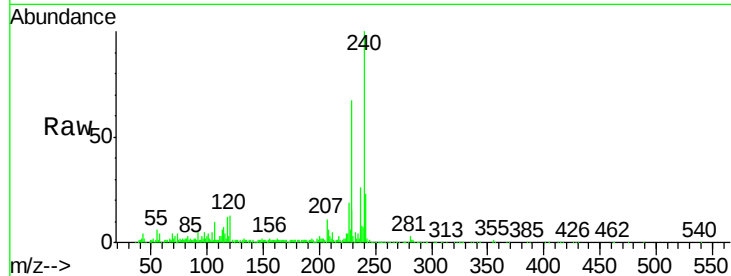
#80
Benzo(a)anthracene
Concen: 2.05 ng/ul m
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG023486.D
Acq: 5 Aug 2016 13:48

Instrument :
BNA_G
ClientSampleId :
BDJH8

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.4	23.2#
226	28.2	22.8	34.2

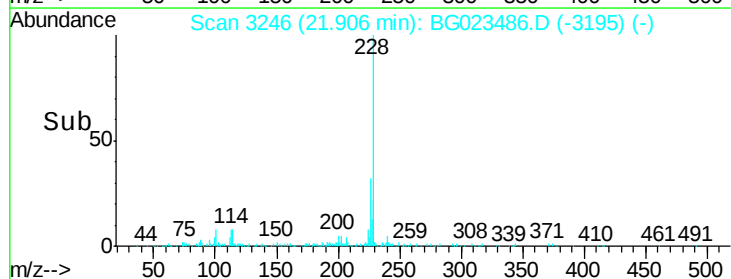
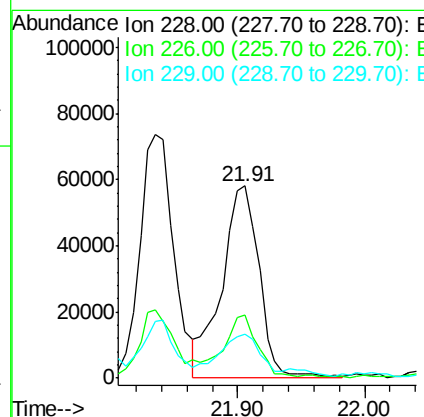
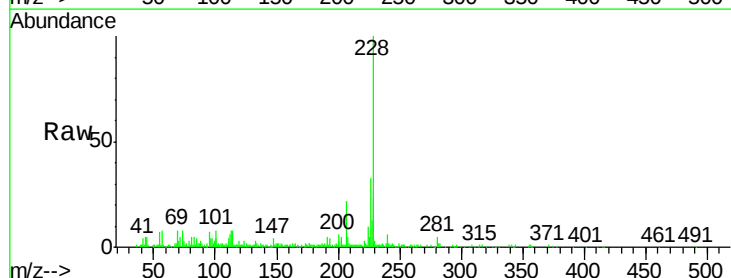
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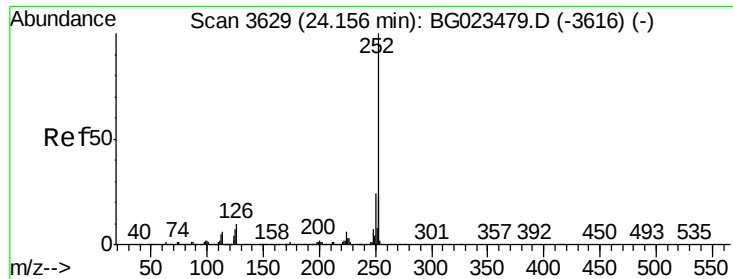
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#82
Chrysene
Concen: 1.95 ng/ul
RT: 21.91 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BG023486.D
Acq: 5 Aug 2016 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.2	36.4
229	22.9	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 1.97 ng/ul m

RT: 24.16 min Scan# 3629

Delta R.T. -0.00 min

Lab File: BG023486.D

Acq: 5 Aug 2016 13:48

Instrument :

BNA_G

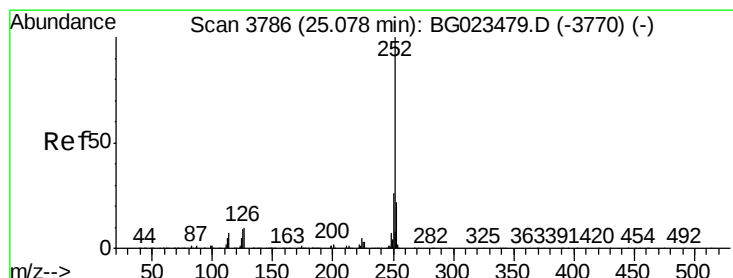
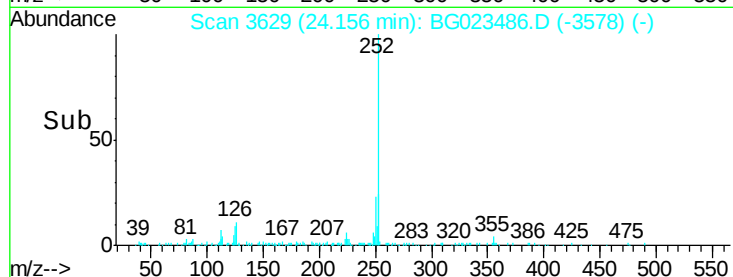
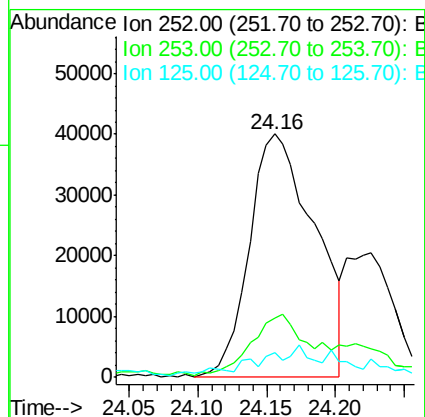
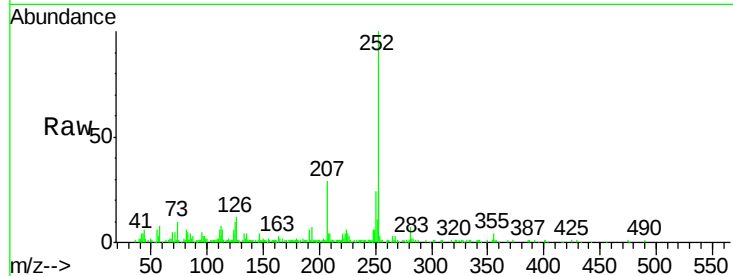
ClientSampleId :

BDJH8

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	132621		
253	24.4	18.2	27.2	
125	10.0	10.8	16.2	

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.70 ng/ul m

RT: 25.07 min Scan# 3785

Delta R.T. -0.01 min

Lab File: BG023486.D

Acq: 5 Aug 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	110172		
253	22.5	19.0	28.4	
125	9.7	12.0	18.0	

