

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
 Data File : BG025259.D
 Acq On : 17 Dec 2016 4:29
 Operator : UM/SJ
 Sample : H5995-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA888

Manual Integrations
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umangi
 12/20/2016 10:48:57 AM

Quant Time: Dec 17 06:05:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 17 00:22:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	71864	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	297910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	210990	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	440075	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	584393	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	641711	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	3119	2.24	ng/uL	0.00
5) Phenol-d5	7.39	99	65682	10.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	48491	12.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	60805	14.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	49954	9.64	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	31571	14.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	32714	12.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	63886	12.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	50482	10.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	196675	13.55	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	234005	14.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	17369	6.96	ng/ul	0.02
57) Fluorene-d10	15.84	176	173749	12.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	18213	6.69	ng/ul	0.00
70) Anthracene-d10	17.70	188	278328	14.98	ng/ul	0.00
76) Pyrene-d10	19.97	212	341637	14.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	367288	14.13	ng/ul	0.02

Target Compounds

						Ovalue
6) Phenol	7.43	94	13440	2.11	ng/ul#	79
34) 2-Methylnaphthalene	12.70	142	14205	1.30	ng/ul	85
44) Dimethylphthalate	14.30	163	52053	3.65	ng/ul#	94
49) Acenaphthene	14.92	153	14133	1.33	ng/ul	85
69) Phenanthrene	17.65	178	221871	10.56	ng/ul	96
71) Anthracene	17.73	178	53617	2.48	ng/ul#	92
72) Carbazole	18.01	167	31608	1.75	ng/ul#	88
74) Fluoranthene	19.64	202	453714	18.18	ng/ul#	95
77) Pyrene	20.00	202	453648	16.15	ng/ul#	94
80) Benzo(a)anthracene	21.88	228	333652	10.99	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.72	149	83398	5.51	ng/ul#	94
82) Chrysene	21.95	228	335329	11.81	ng/ul	96
85) Benzo(b)fluoranthene	24.23	252	503734	15.83	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	144440m	4.78	ng/ul	
88) Benzo(a)pyrene	25.16	252	356993	11.67	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.28	276	303459m	7.98	ng/ul	
91) Benzo(g,h,i)perylene	30.51	276	288202m	9.08	ng/ul	

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

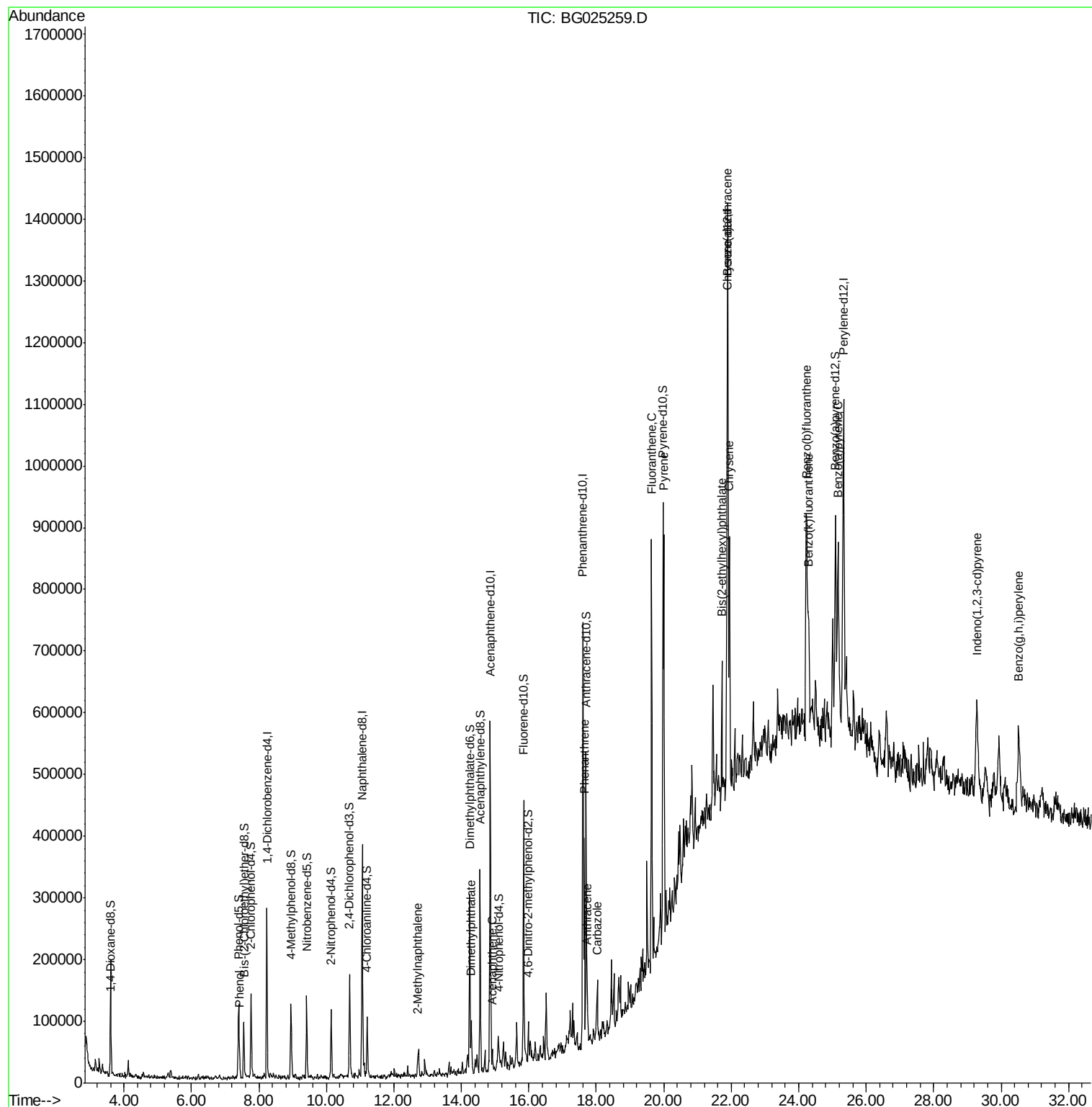
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
 Data File : BG025259.D
 Acq On : 17 Dec 2016 4:29
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 Sample : H5995-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

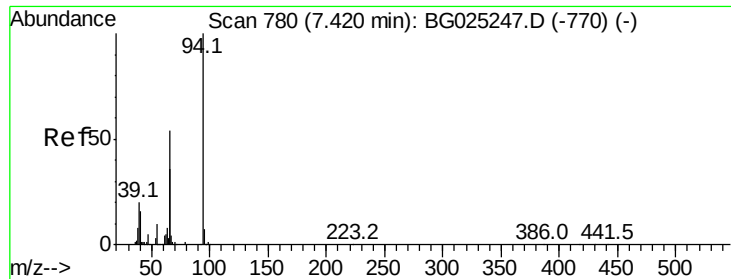
Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Dec 17 06:05:31 2016
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 Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 2.11 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Instrument :

BNA_G

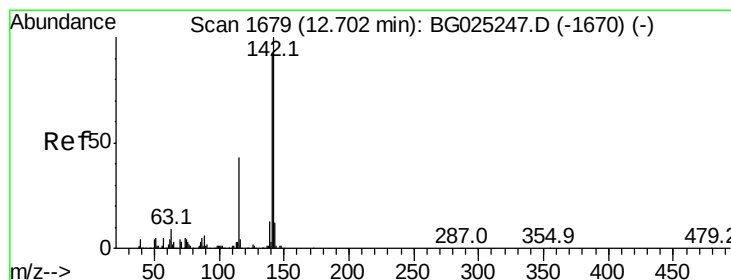
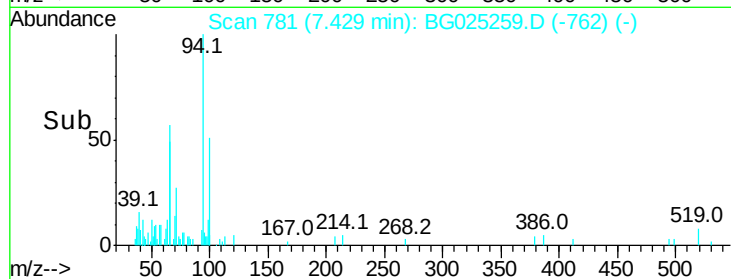
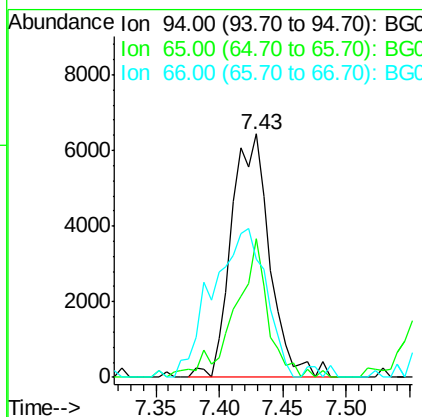
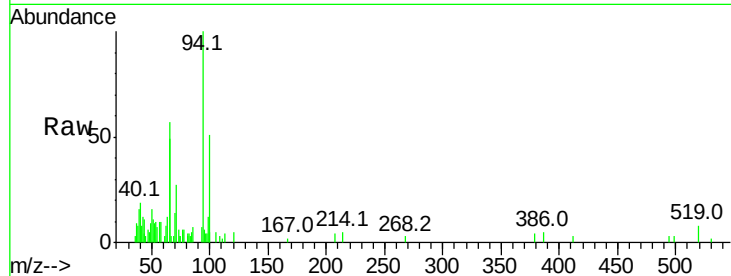
ClientSampleId :

DA888

Tot Ion	Ratio	Lower	Upper
94	100		
65	56.7	26.8	40.2#
66	48.5	44.4	66.6

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#34

2-Methylnaphthalene

Concen: 1.30 ng/ul

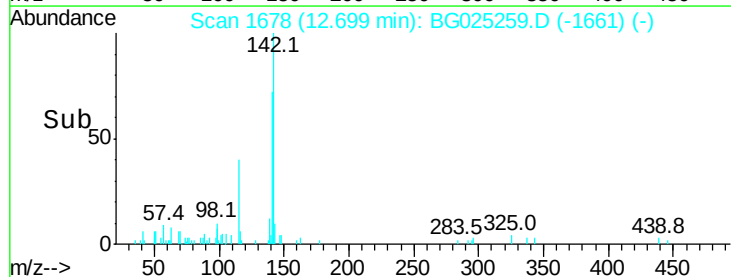
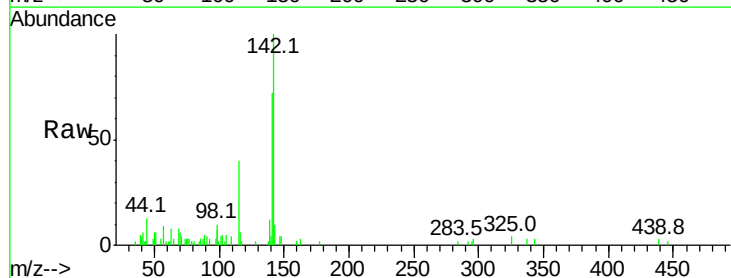
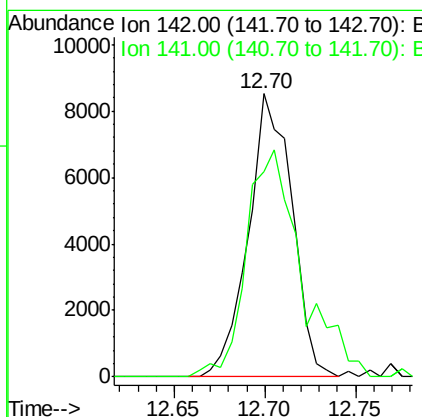
RT: 12.70 min Scan# 1678

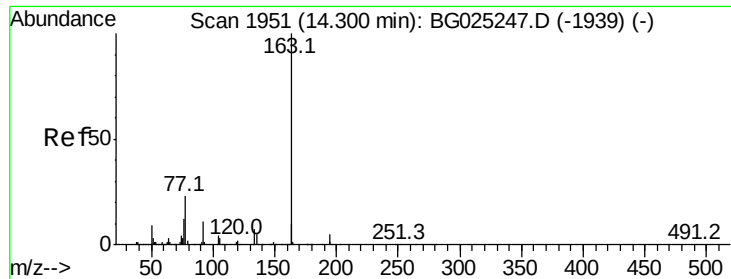
Delta R.T. -0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	72.3	68.6	102.8





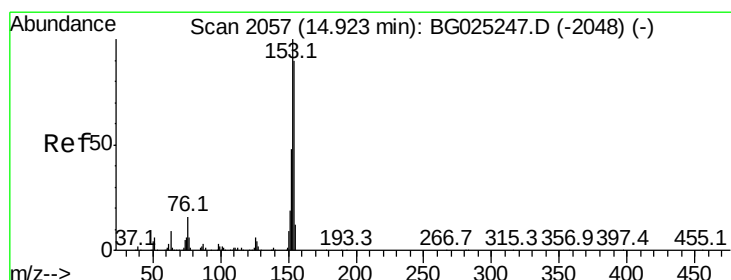
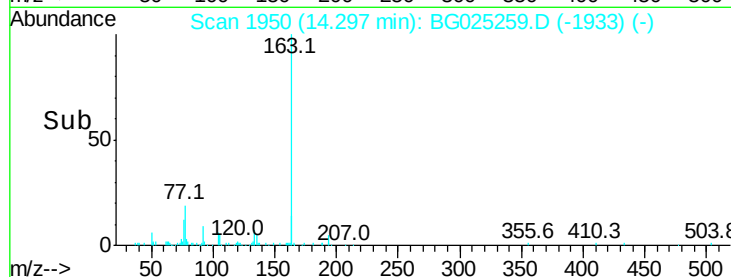
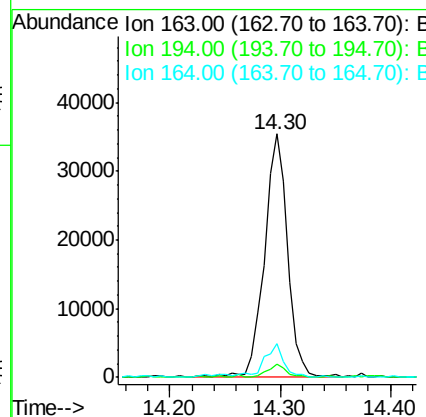
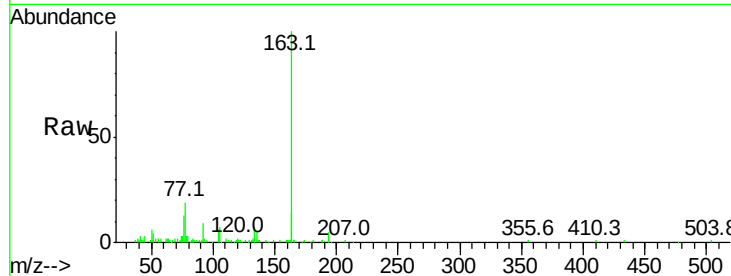
#44
Dimethylphthalate
Concen: 3.65 ng/ul
RT: 14.30 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG025259.D
Acq: 17 Dec 2016 4:29

Instrument :
BNA_G
ClientSampleId :
DA888

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	5.5	3.4	5.0#
164	14.0	9.0	13.4#

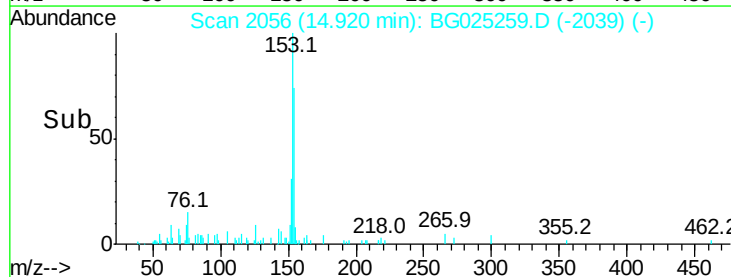
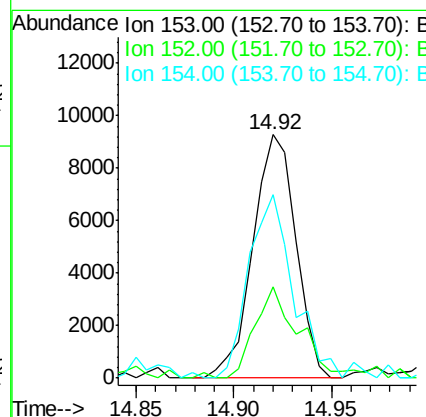
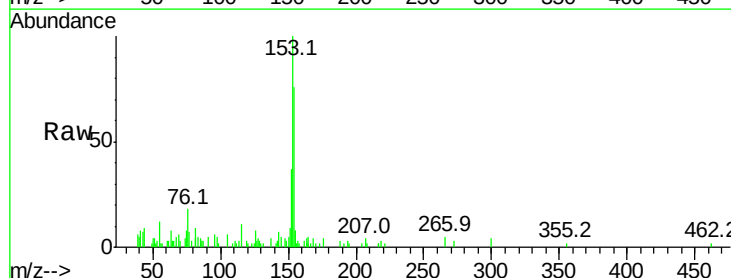
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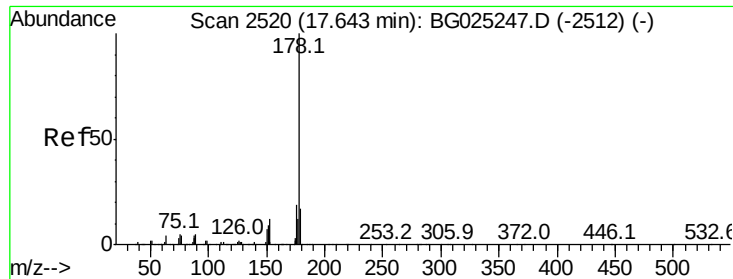
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#49
Acenaphthene
Concen: 1.33 ng/ul
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG025259.D
Acq: 17 Dec 2016 4:29

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	37.4	36.5	54.7
154	75.6	72.3	108.5





#69

Phenanthrene

Concen: 10.56 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Instrument :

BNA_G

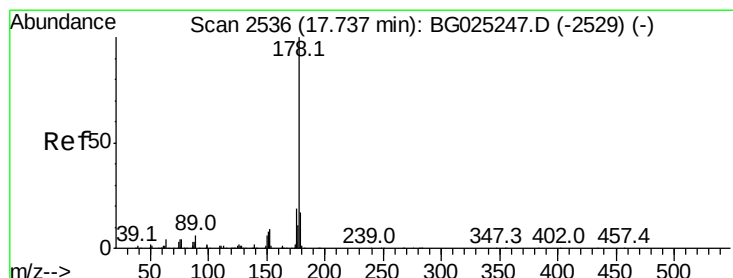
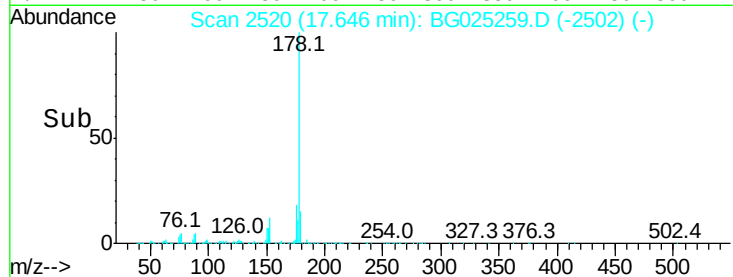
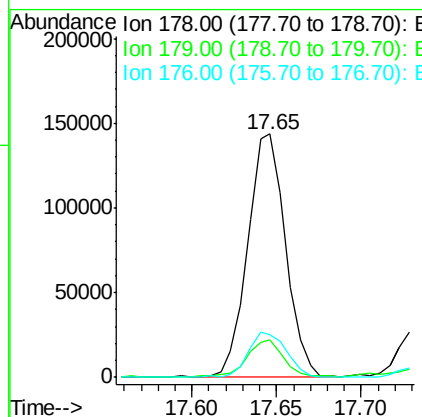
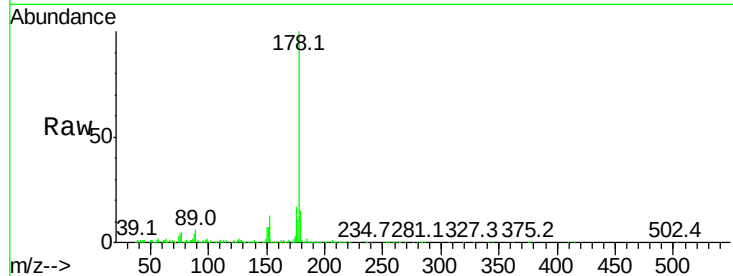
ClientSampleId :

DA888

Tot Ion:178	Resp:	221871
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.4 18.6
176	17.5	16.5 24.7

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#71

Anthracene

Concen: 2.48 ng/ul

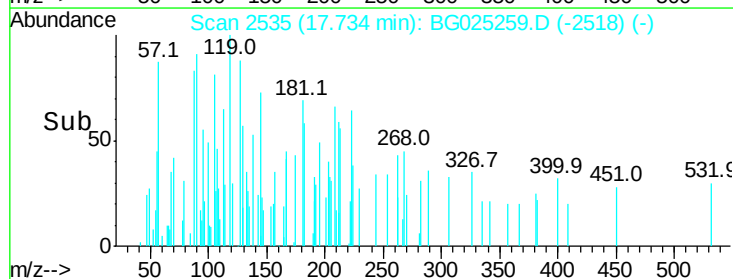
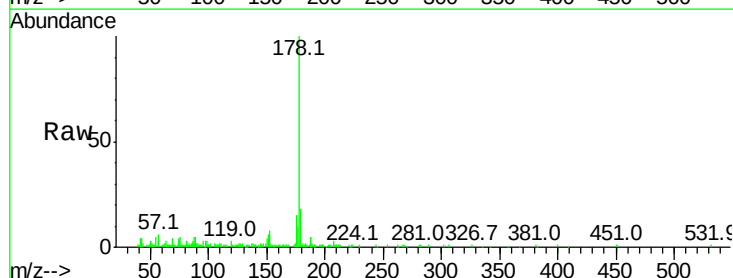
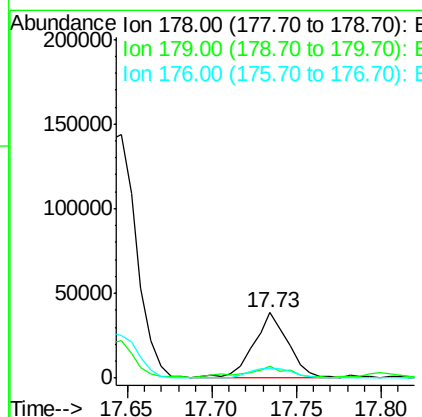
RT: 17.73 min Scan# 2535

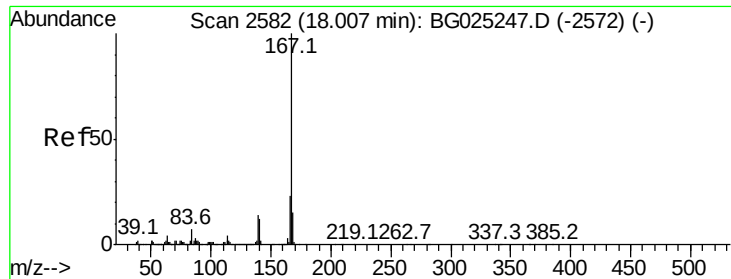
Delta R.T. -0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Tgt Ion:178	Resp:	53617
Ion Ratio	Lower	Upper
178	100	
179	17.9	12.6 19.0
176	15.3	15.9 23.9#





#72

Carbazole

Concen: 1.75 ng/ul

RT: 18.01 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Instrument :

BNA_G

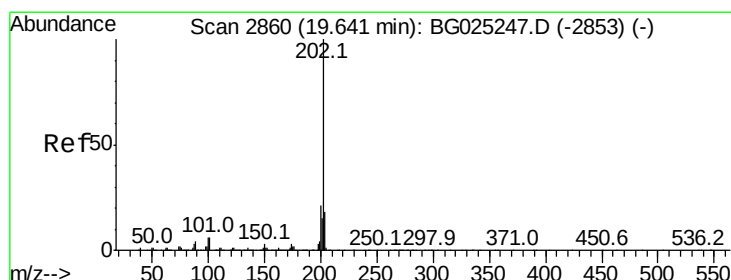
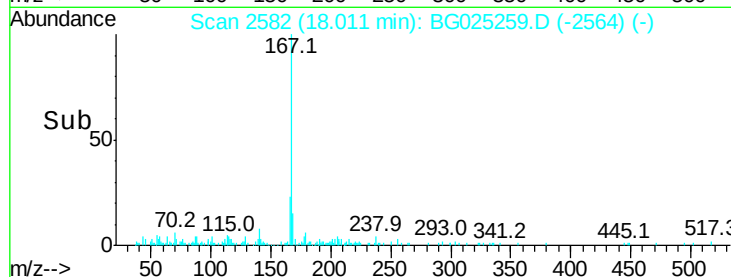
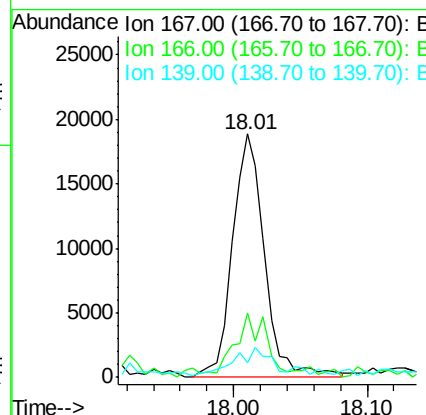
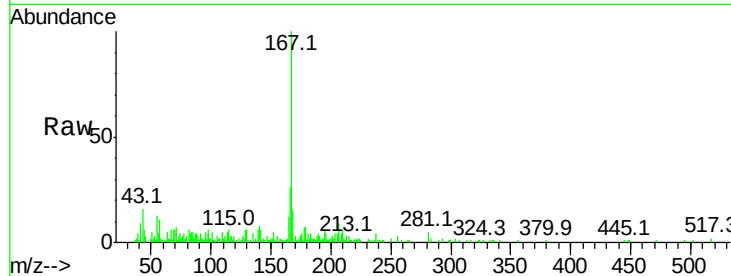
ClientSampleId :

DA888

Tot Ion:	167	Resp:	31608
Ion Ratio	Lower	Upper	
167	100		
166	26.3	17.9	26.9
139	5.8	10.5	15.7#

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#74

Fluoranthene

Concen: 18.18 ng/ul

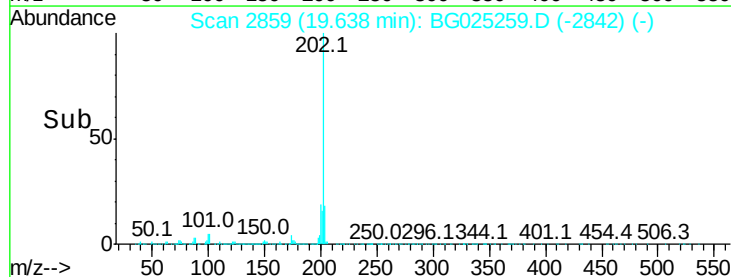
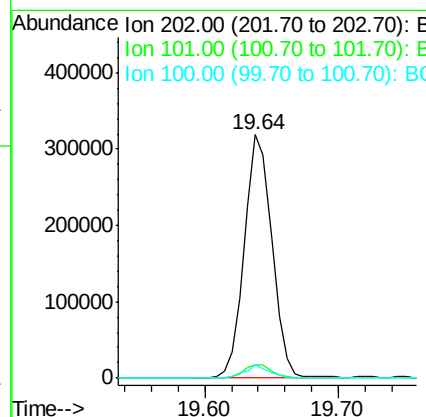
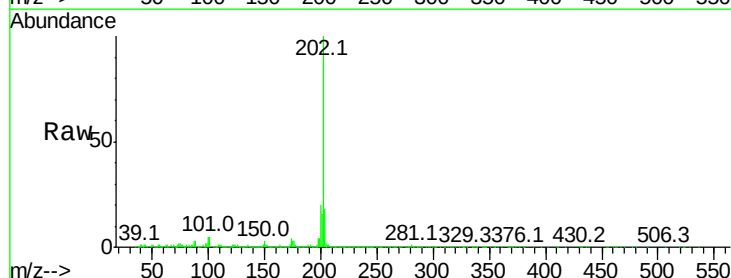
RT: 19.64 min Scan# 2859

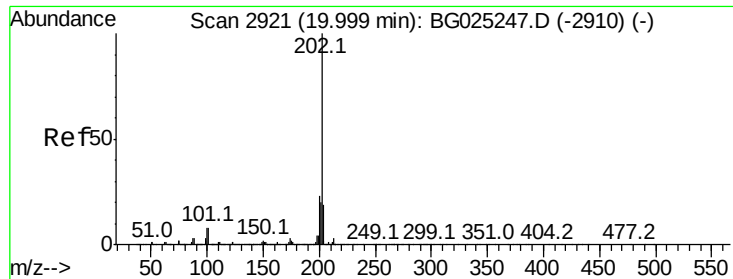
Delta R.T. -0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Tgt Ion:	202	Resp:	453714
Ion Ratio	Lower	Upper	
202	100		
101	5.3	6.2	9.2#
100	5.4	5.2	7.8





#77

Pvrene

Concen: 16.15 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Instrument :

BNA_G

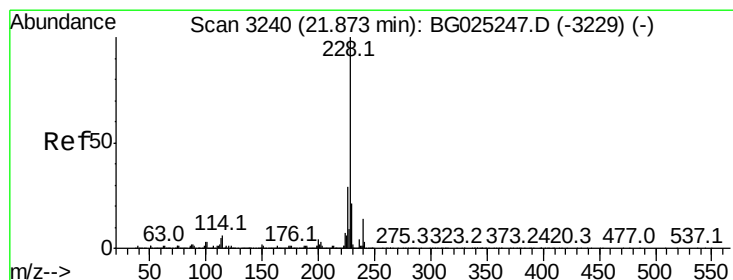
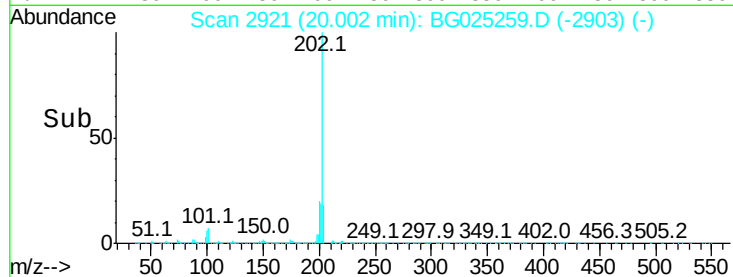
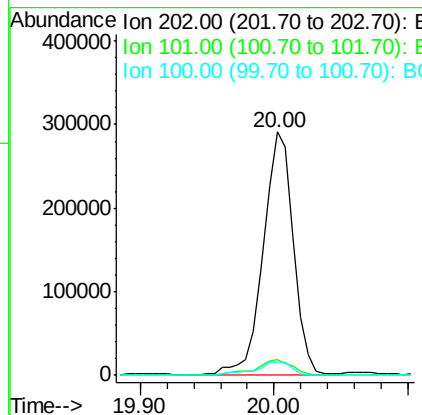
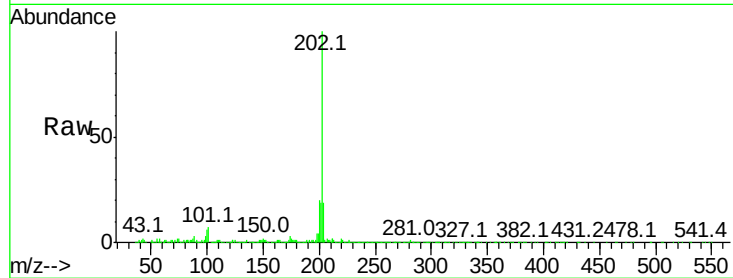
ClientSampleId :

DA888

Tot Ion:	202	Resp:	453648
Ion Ratio	Lower	Upper	
202	100		
101	6.7	6.9	10.3#
100	5.7	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 10.99 ng/ul

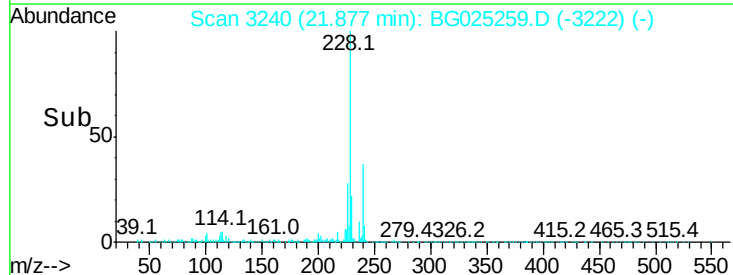
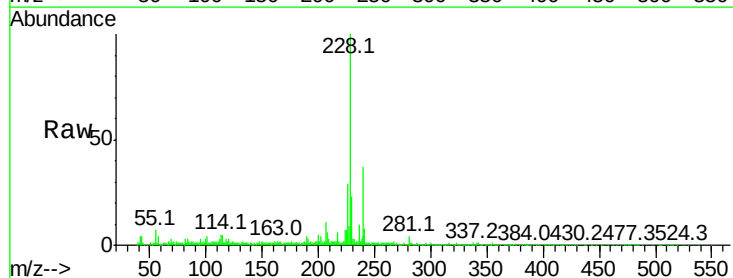
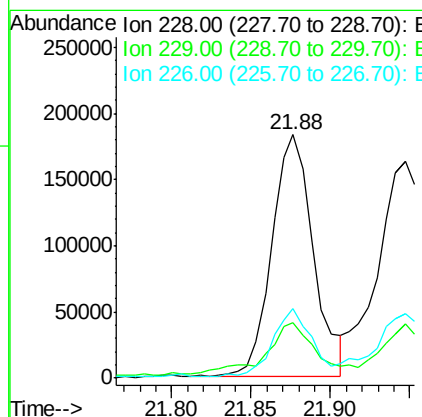
RT: 21.88 min Scan# 3240

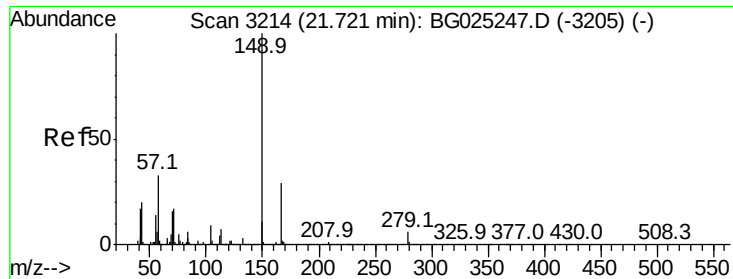
Delta R.T. 0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Tgt Ion:	228	Resp:	333652
Ion Ratio	Lower	Upper	
228	100		
229	23.0	16.3	24.5
226	28.7	21.9	32.9





#81

Bis(2-ethylhexyl)phthalate

Concen: 5.51 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Instrument :

BNA_G

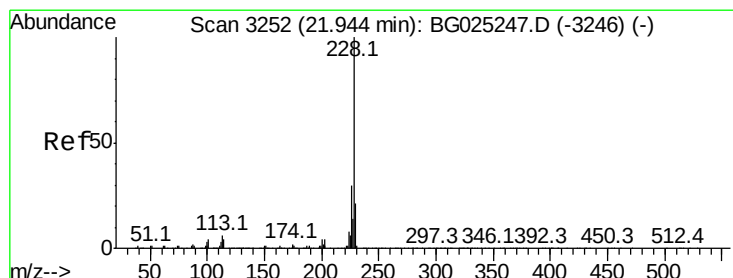
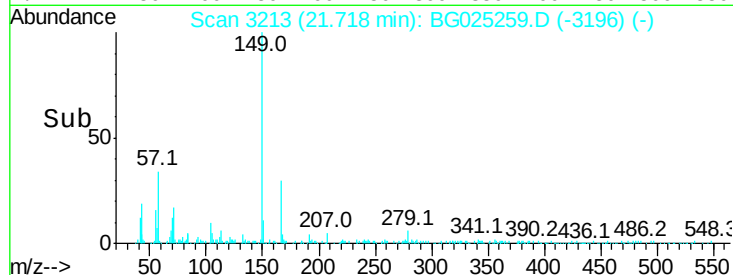
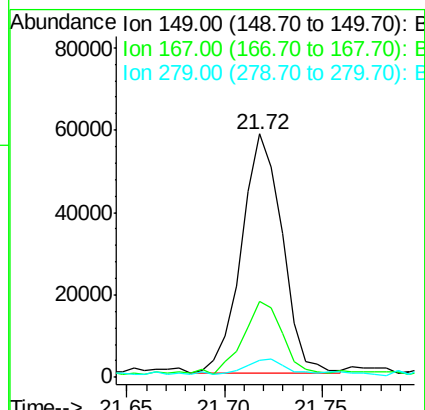
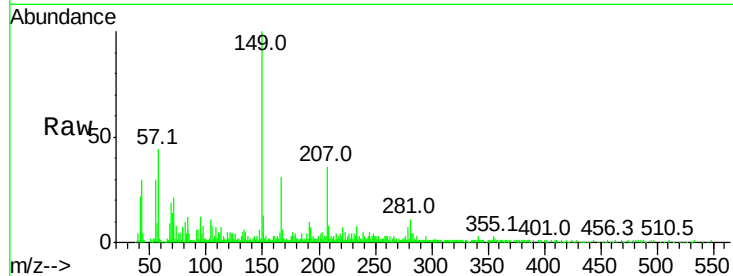
ClientSampleId :

DA888

Tot Ion:	149	Resp:	83398
Ion Ratio	Lower	Upper	
149	100		
167	31.0	21.8	32.8
279	6.8	4.5	6.7#

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#82

Chrysene

Concen: 11.81 ng/ul

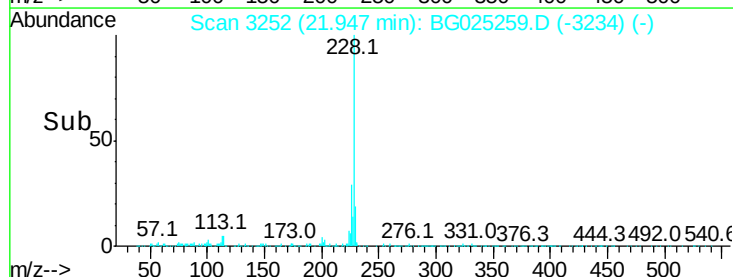
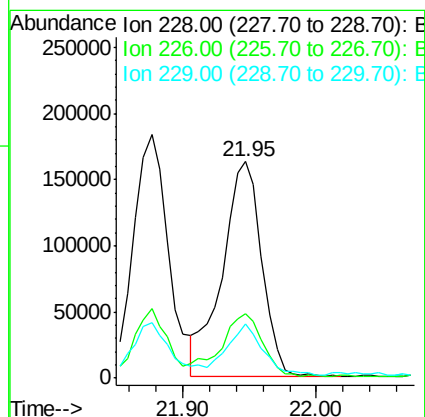
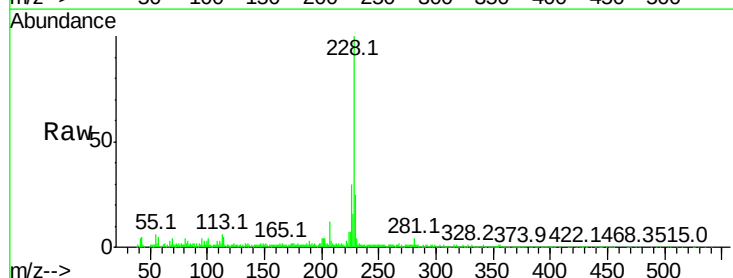
RT: 21.95 min Scan# 3252

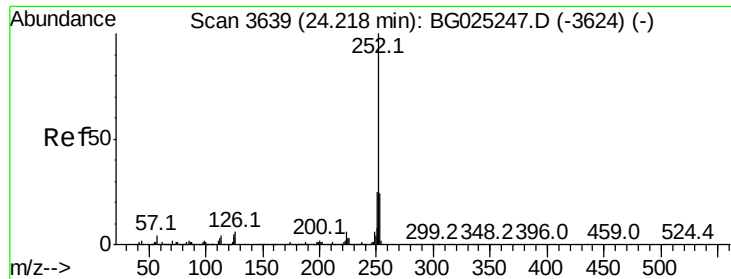
Delta R.T. 0.00 min

Lab File: BG025259.D

Acq: 17 Dec 2016 4:29

Tgt Ion:	228	Resp:	335329
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.0	36.0
229	25.1	16.9	25.3





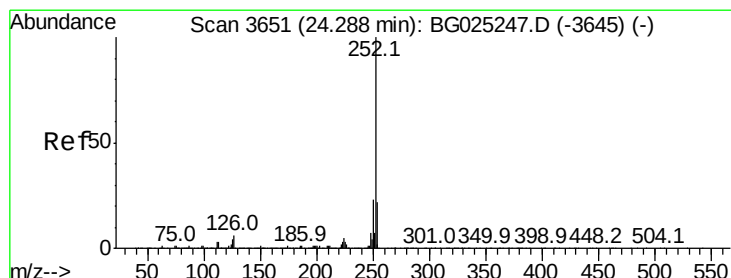
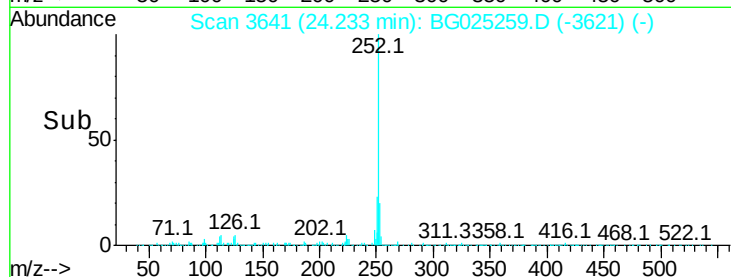
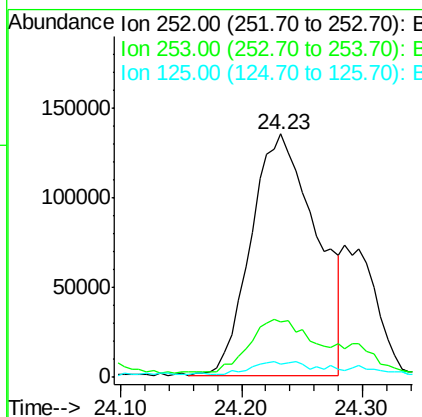
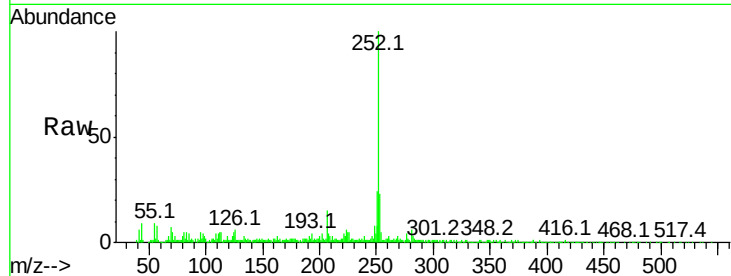
#85
Benzo(b)fluoranthene
Concen: 15.83 ng/ul
RT: 24.23 min Scan# 3641
Delta R.T. 0.02 min
Lab File: BG025259.D
Acq: 17 Dec 2016 4:29

Instrument :
BNA_G
ClientSampleId :
DA888

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	5.4	4.0	6.0

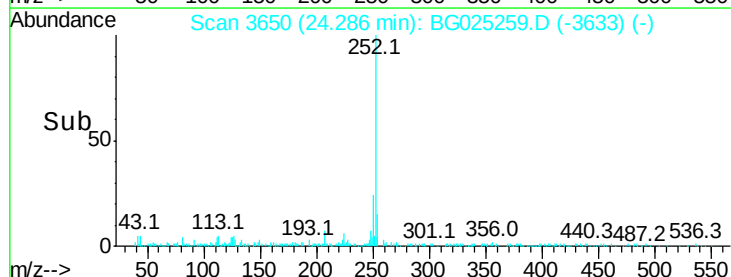
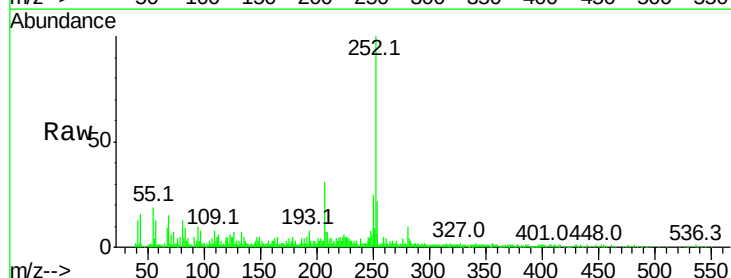
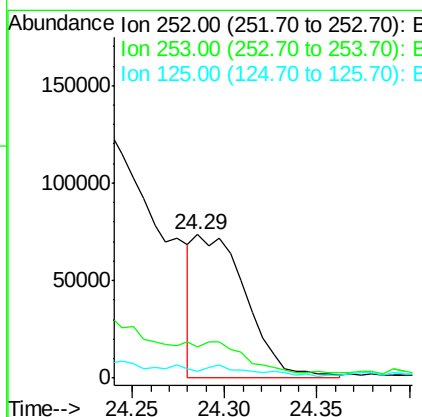
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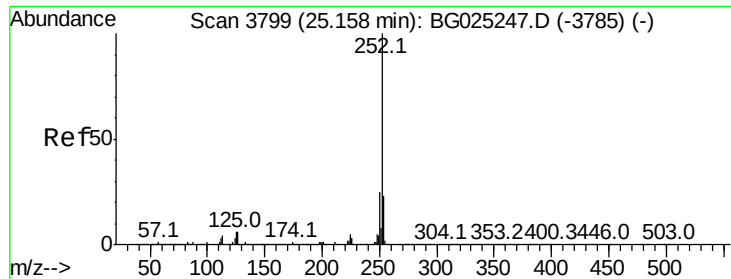
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#86
Benzo(k)fluoranthene
Concen: 4.78 ng/ul m
RT: 24.29 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG025259.D
Acq: 17 Dec 2016 4:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	5.1	4.1	6.1





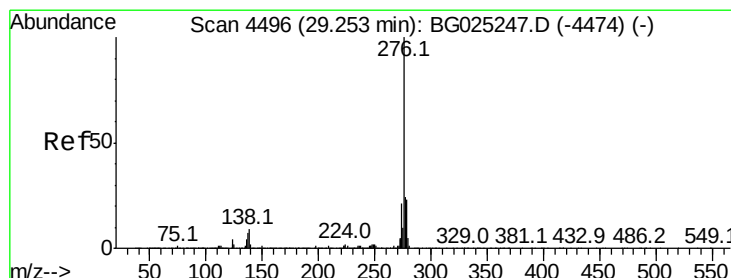
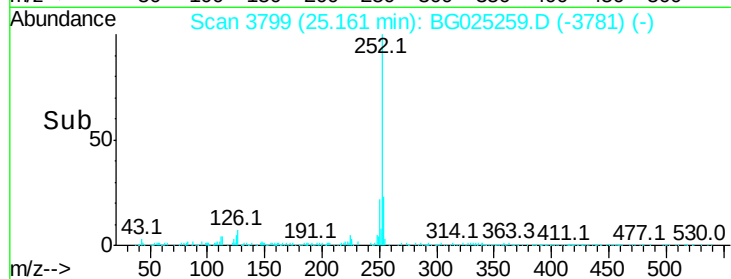
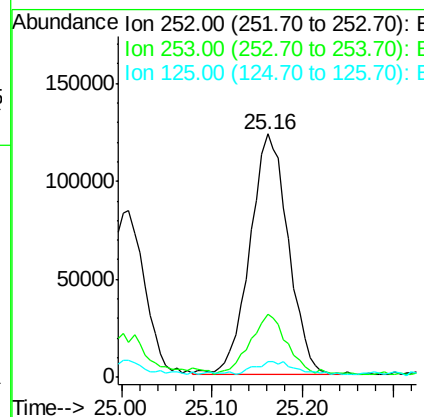
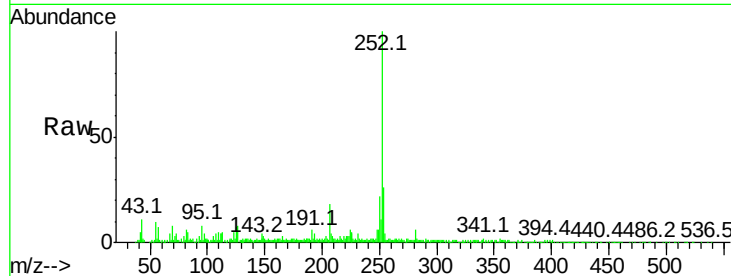
#88
Benzo(a)pyrene
Concen: 11.67 ng/ul
RT: 25.16 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BG025259.D
Acq: 17 Dec 2016 4:29

Instrument :
BNA_G
ClientSampleId :
DA888

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.6
125	6.6	5.4	8.0

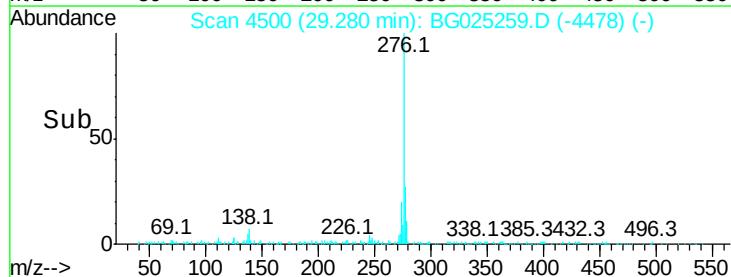
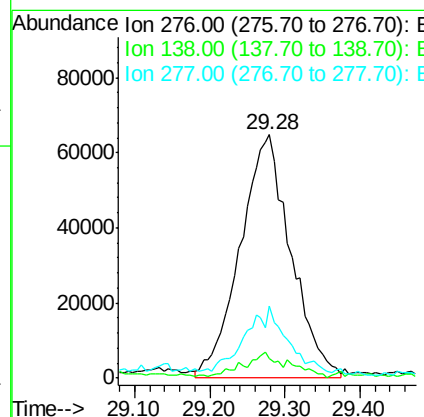
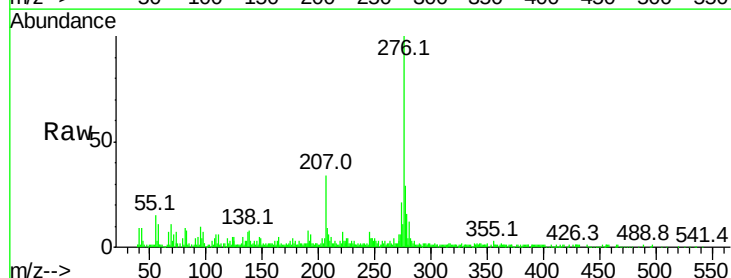
Manual Integrations
APPROVED

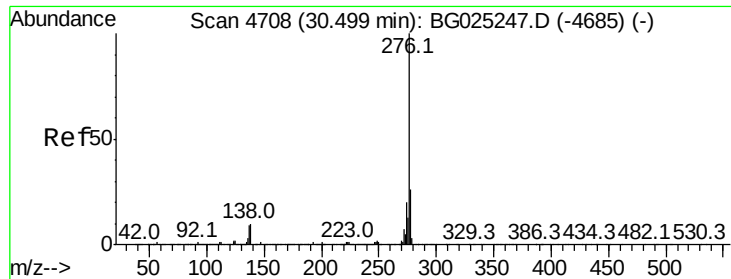
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#89
Indeno(1,2,3-cd)pyrene
Concen: 7.98 ng/ul m
RT: 29.28 min Scan# 4500
Delta R.T. 0.03 min
Lab File: BG025259.D
Acq: 17 Dec 2016 4:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.9	8.2	12.4#
277	29.4	18.6	28.0#





#91
 Benzo(a,h,i)perylene
 Concen: 9.08 ng/ul m
 RT: 30.51 min Scan# 4710
 Delta R.T. 0.02 min
 Lab File: BG025259.D
 Acq: 17 Dec 2016 4:29

Instrument :
 BNA_G
 ClientSampleId :
 DA888

Tot Ion:	276	Resp:	288202
Ion Ratio	Lower	Upper	
276	100		
138	10.1	8.6	12.8
277	21.5	17.6	26.4

Manual Integrations
 APPROVED

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