

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025140.D
 Acq On : 13 Dec 2016 7:54
 Operator : UM/SJ
 Sample : H5990-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS002-0106-03

Manual Integrations
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Quant Time: Dec 13 10:28:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 06:23:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	133228	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	563265	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	400559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	778261	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	874592	20.00	ng/ul	0.02
83) Perylene-d12	25.36	264	800110	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	6018	2.33	ng/uL	0.00
5) Phenol-d5	7.40	99	251896	21.92	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	161004	22.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	165078	20.54	ng/ul	0.02
13) 4-Methylphenol-d8	8.95	113	211069	21.97	ng/ul	0.02
19) Nitrobenzene-d5	9.42	128	102755	25.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	123310	24.80	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.69	165	234358	24.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	133087	14.16	ng/ul	0.02
43) Dimethylphthalate-d6	14.26	166	718722	26.09	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	801307	26.55	ng/ul	0.02
51) 4-Nitrophenol-d4	15.08	143	98969	20.90	ng/ul	0.03
57) Fluorene-d10	15.86	176	640602	24.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	87372	18.16	ng/ul	0.02
70) Anthracene-d10	17.71	188	939146	28.59	ng/ul	0.02
76) Pyrene-d10	19.99	212	1030037	28.59	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.12	264	1000592	30.86	ng/ul	0.04

Target Compounds

					Ovalue	
4) Benzaldehyde	7.38	77	17653	2.04	ng/ul#	81
6) Phenol	7.43	94	41113	3.48	ng/ul	89
44) Dimethylphthalate	14.31	163	155609	5.75	ng/ul	99
49) Acenaphthene	14.93	153	36846	1.83	ng/ul#	94
58) Fluorene	15.92	166	50328	1.94	ng/ul	97
69) Phenanthrene	17.66	178	1794984	48.32	ng/ul	97
71) Anthracene	17.75	178	157588	4.13	ng/ul	99
72) Carbazole	18.02	167	215444	6.76	ng/ul	97
74) Fluoranthene	19.66	202	3465364	78.51	ng/ul#	92
77) Pyrene	20.02	202	2903184	69.05	ng/ul#	95
80) Benzo(a)anthracene	21.90	228	1620361	35.66	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.73	149	36272	1.60	ng/ul#	83
82) Chrysene	21.97	228	2001843	47.10	ng/ul	93
85) Benzo(b)fluoranthene	24.27	252	2382582	60.05	ng/ul	94
86) Benzo(k)fluoranthene	24.33	252	990712m	26.27	ng/ul	
88) Benzo(a)pyrene	25.21	252	1416341	37.13	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.32	276	754511m	15.91	ng/ul	
90) Dibenzo(a,h)anthracene	29.35	278	188225m	4.71	ng/ul	
91) Benzo(g,h,i)perylene	30.57	276	576556m	14.57	ng/ul	

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

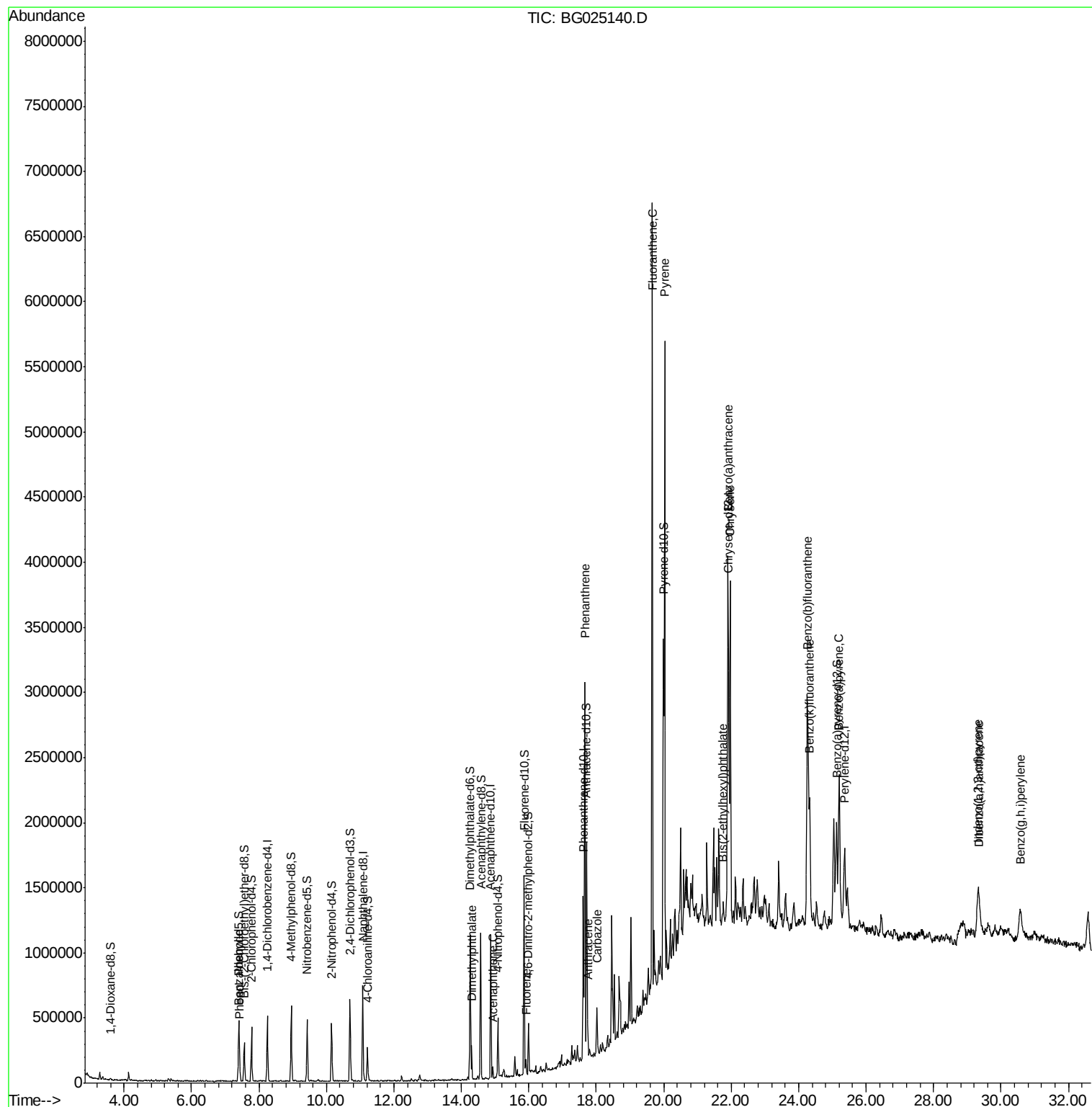
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

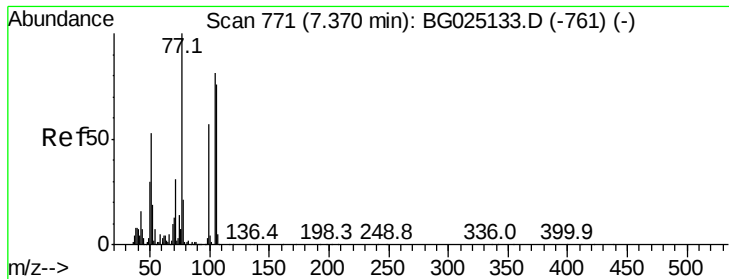
Instrument :
BNA_G
ClientSampleId :
P006-SS002-0106-03

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.04 ng/ul

RT: 7.38 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Instrument :

BNA_G

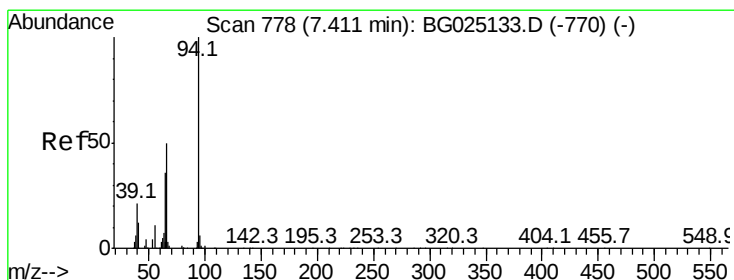
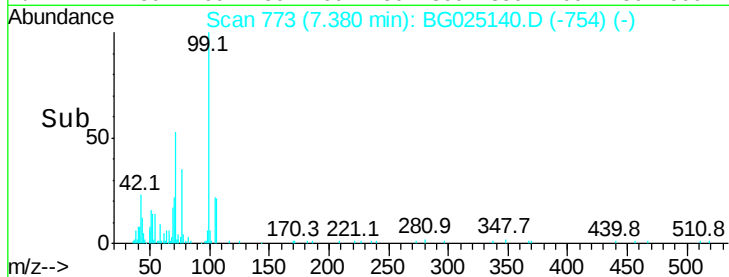
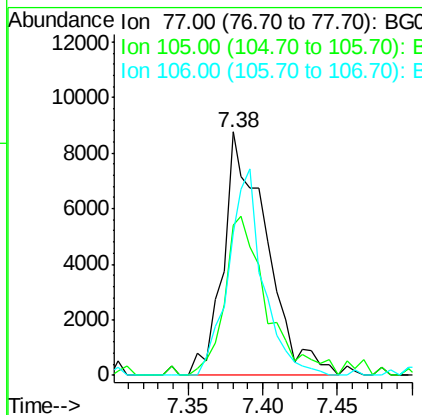
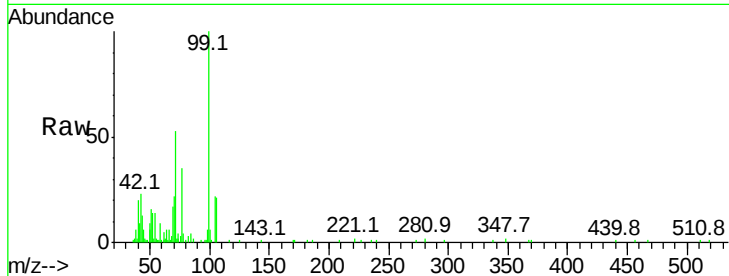
ClientSampleId :

P006-SS002-0106-03

Tot Ion:	77	Resp:	17653
Ion Ratio	Lower	Upper	
77	100		
105	61.7	62.0	93.0#
106	58.6	60.2	90.4#

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#6

Phenol

Concen: 3.48 ng/ul

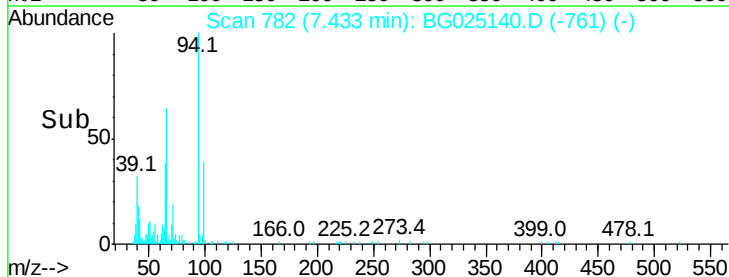
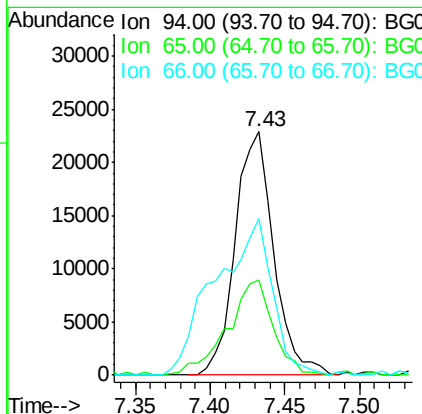
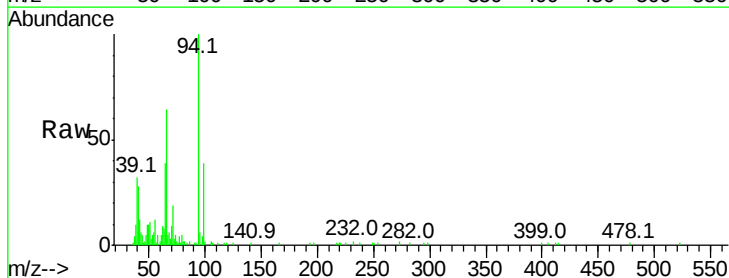
RT: 7.43 min Scan# 782

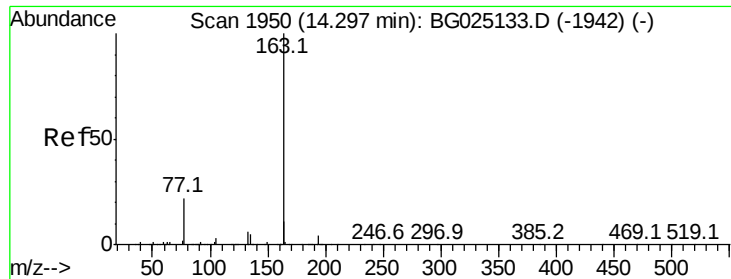
Delta R.T. 0.02 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Tgt Ion:	94	Resp:	41113
Ion Ratio	Lower	Upper	
94	100		
65	39.3	26.8	40.2
66	64.1	44.4	66.6





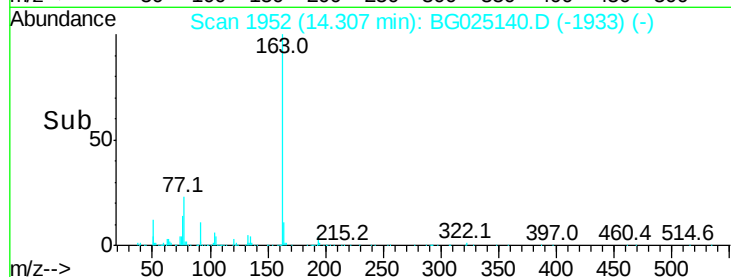
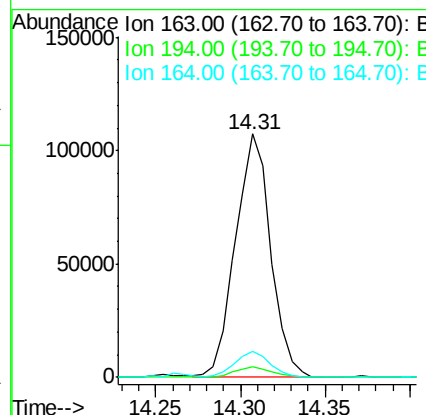
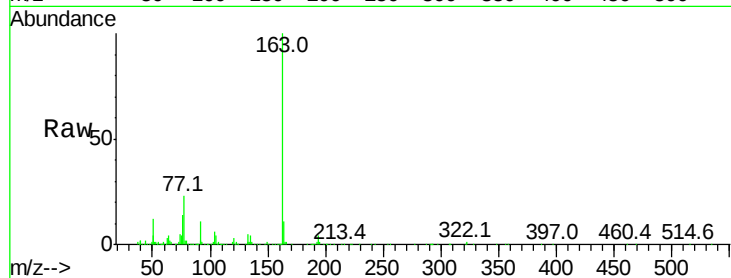
#44
Dimethylphthalate
Concen: 5.75 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Instrument :
BNA_G
ClientSampleId :
P006-SS002-0106-03

Tot Ion	Ratio	Resp	Lower	Upper
163	100	155609		
194	4.3		3.4	5.0
164	10.6		9.0	13.4

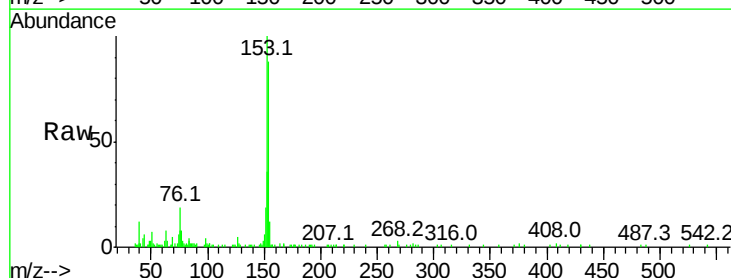
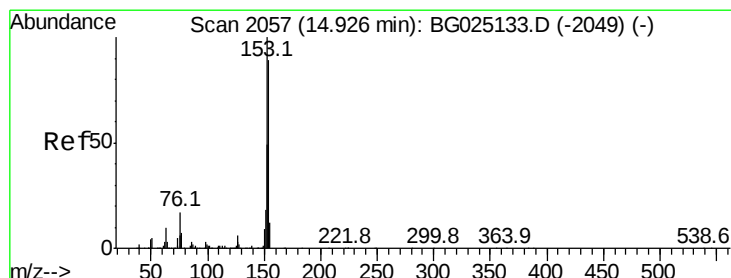
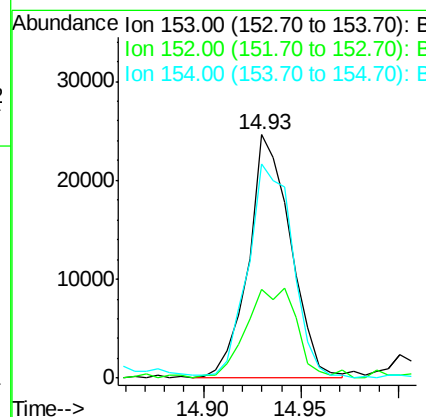
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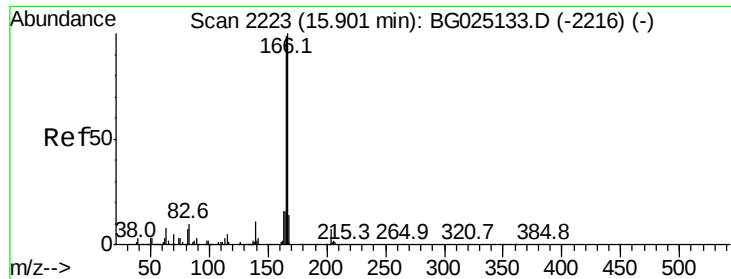
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#49
Acenaphthene
Concen: 1.83 ng/ul
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	36846		
152	36.3		36.5	54.7#
154	88.0		72.3	108.5





#58

Fluorene

Concen: 1.94 ng/ul

RT: 15.92 min Scan# 2226

Delta R.T. 0.02 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Instrument :

BNA_G

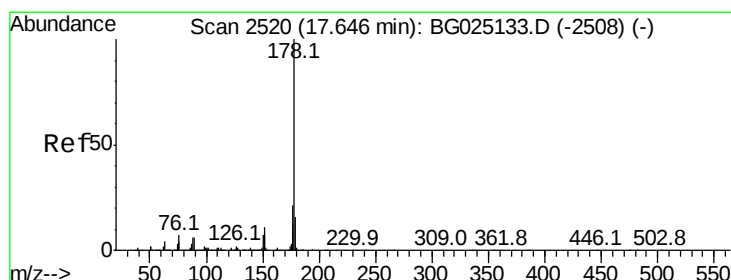
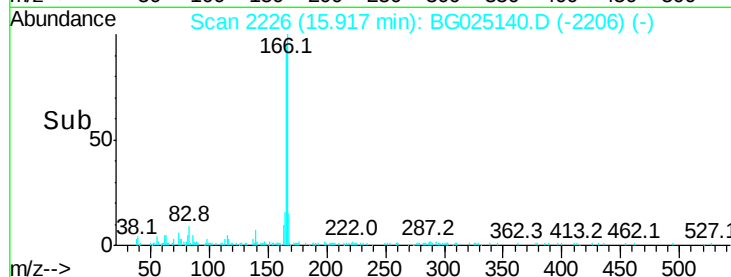
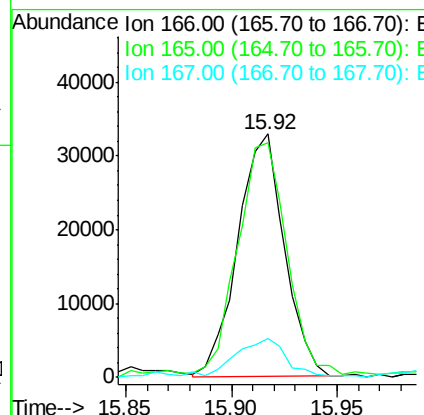
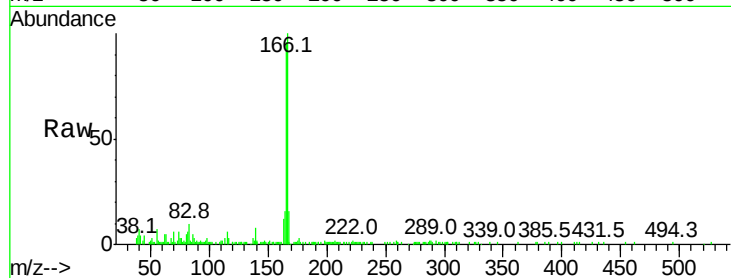
ClientSampleId :

P006-SS002-0106-03

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.7	119.5
167	16.1	11.4	17.2

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#69

Phenanthrene

Concen: 48.32 ng/ul

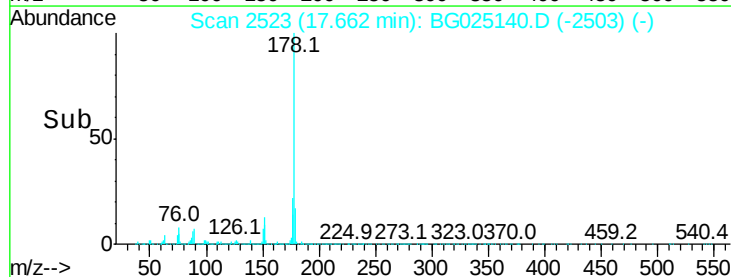
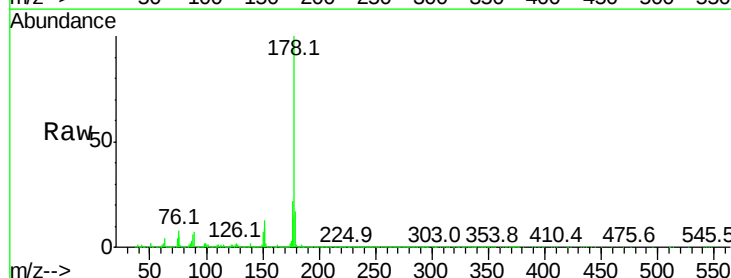
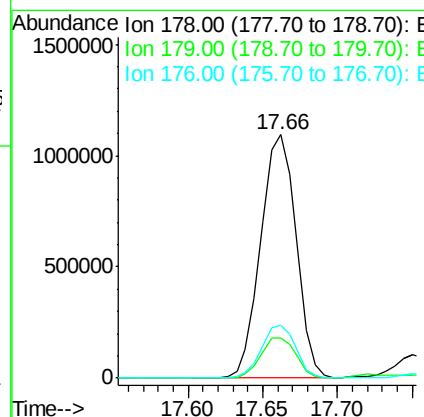
RT: 17.66 min Scan# 2523

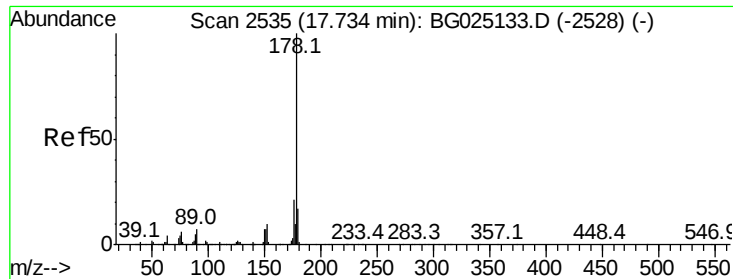
Delta R.T. 0.02 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	21.8	16.5	24.7





#71

Anthracene

Concen: 4.13 ng/ul

RT: 17.75 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Instrument :

BNA_G

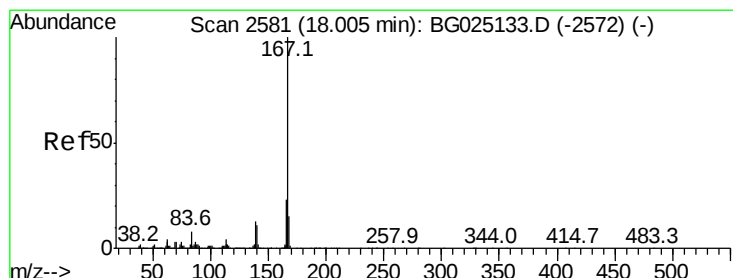
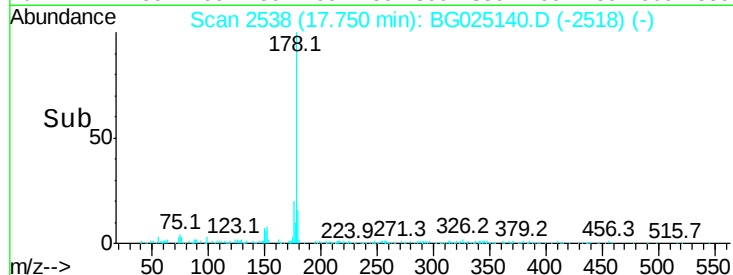
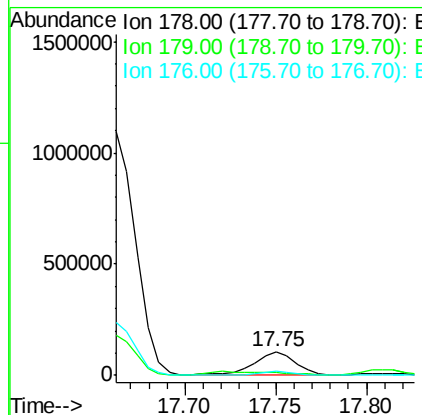
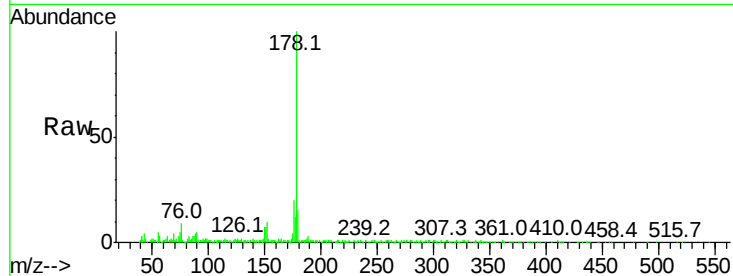
ClientSampleId :

P006-SS002-0106-03

Tot Ion:	178	Resp:	157588
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.6	19.0
176	20.2	15.9	23.9

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#72

Carbazole

Concen: 6.76 ng/ul

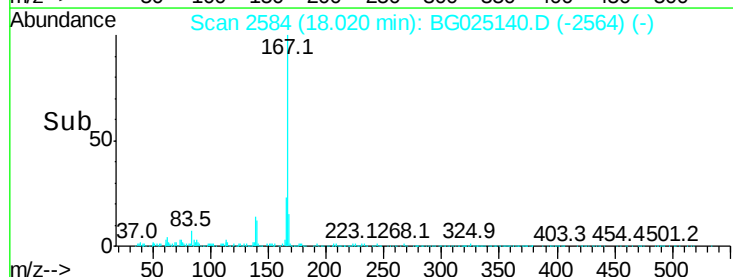
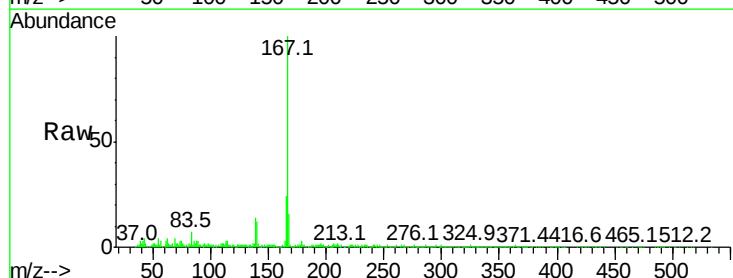
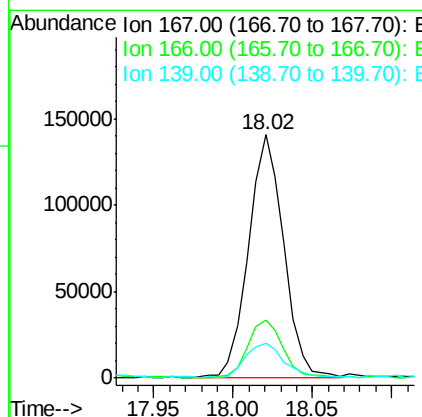
RT: 18.02 min Scan# 2584

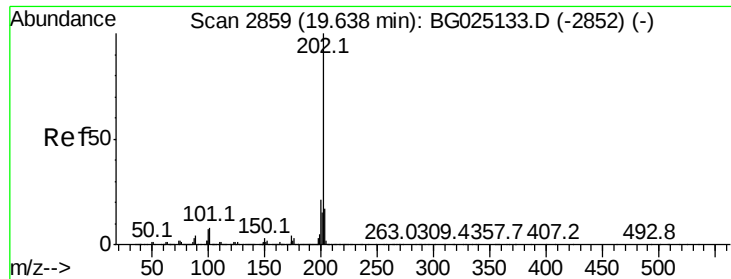
Delta R.T. 0.02 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Tgt Ion:	167	Resp:	215444
Ion Ratio	Lower	Upper	
167	100		
166	23.8	17.9	26.9
139	14.4	10.5	15.7





#74

Fluoranthene

Concen: 78.51 ng/ul

RT: 19.66 min Scan# 2863

Delta R.T. 0.02 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Instrument :

BNA_G

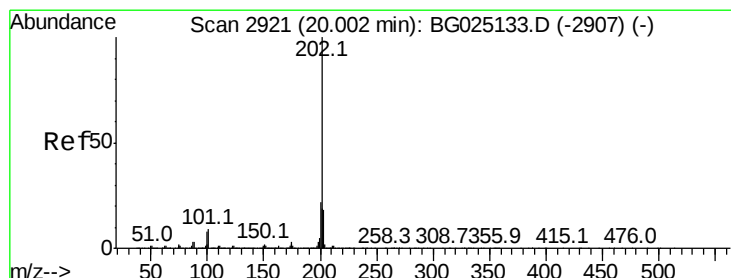
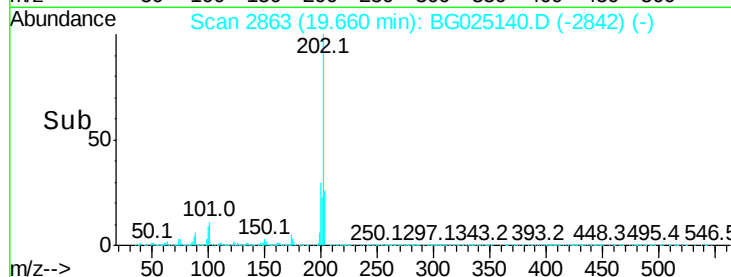
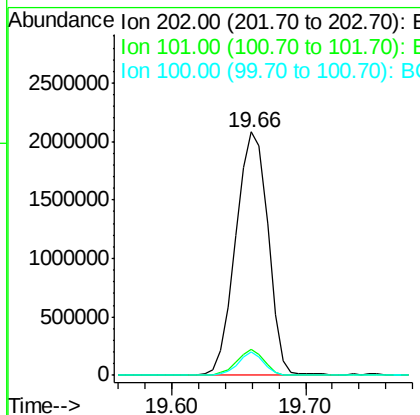
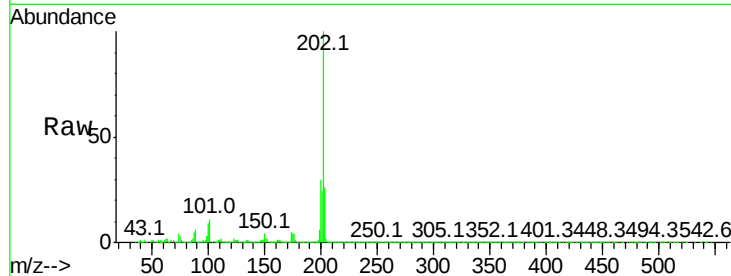
ClientSampleId :

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Tot Ion:	202	Resp:	3465364
Ion	Ratio	Lower	Upper
202	100		
101	10.6	6.2	9.2#
100	9.4	5.2	7.8#

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#77

Pyrene

Concen: 69.05 ng/ul

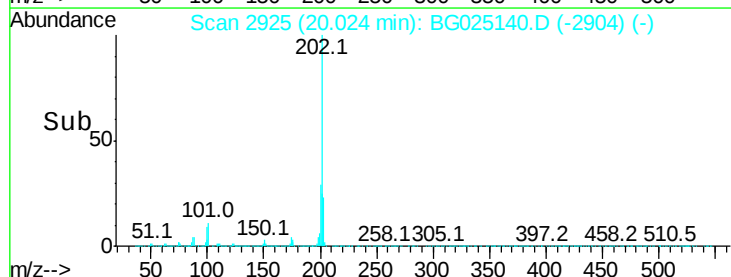
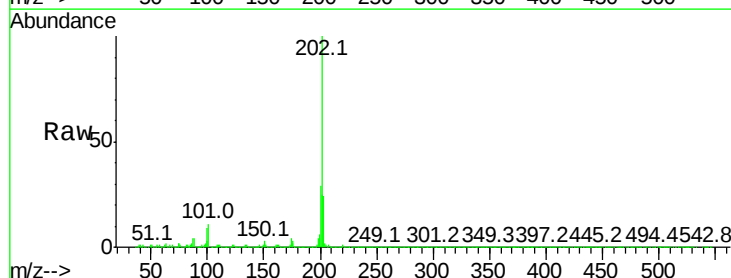
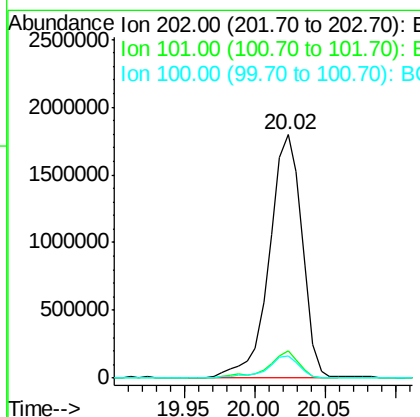
RT: 20.02 min Scan# 2925

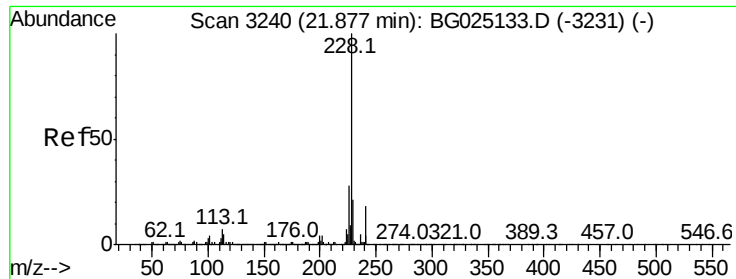
Delta R.T. 0.02 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Tgt Ion:	202	Resp:	2903184
Ion	Ratio	Lower	Upper
202	100		
101	11.0	6.9	10.3#
100	9.2	6.6	10.0





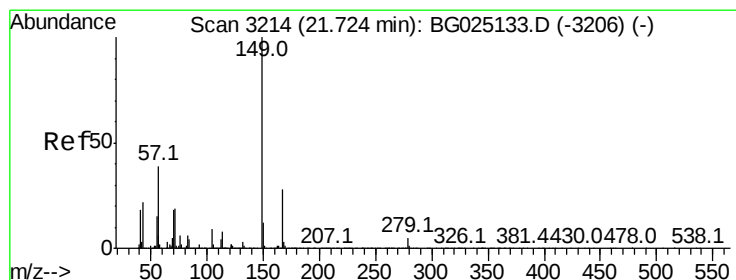
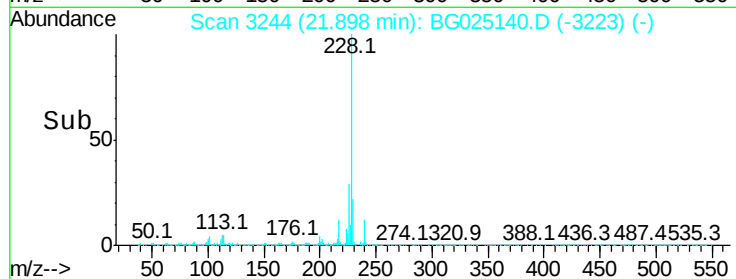
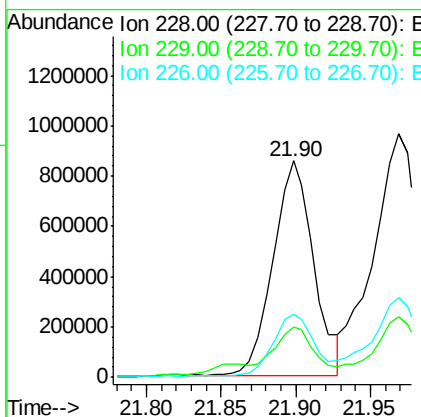
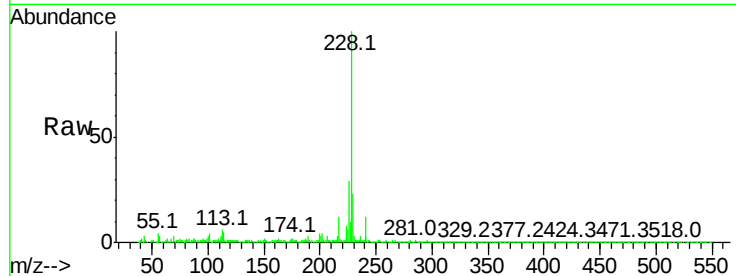
#80
Benzo(a)anthracene
Concen: 35.66 ng/ul
RT: 21.90 min Scan# 3244
Delta R.T. 0.02 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Instrument :
BNA_G
ClientSampleId :
P006-SS002-0106-03

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.3	24.5
226	29.1	21.9	32.9

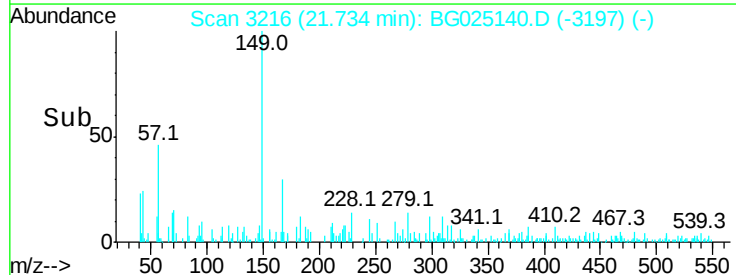
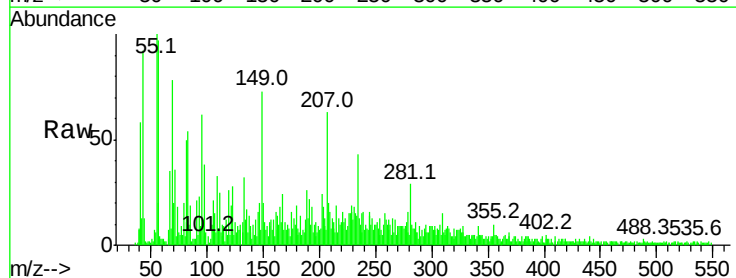
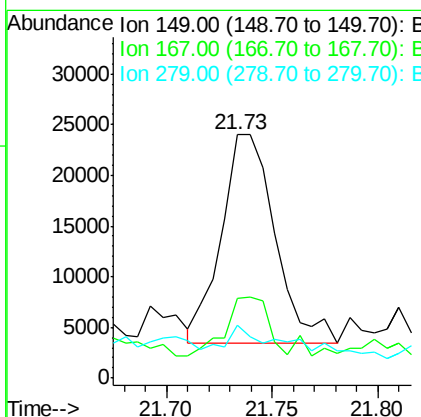
Manual Integrations
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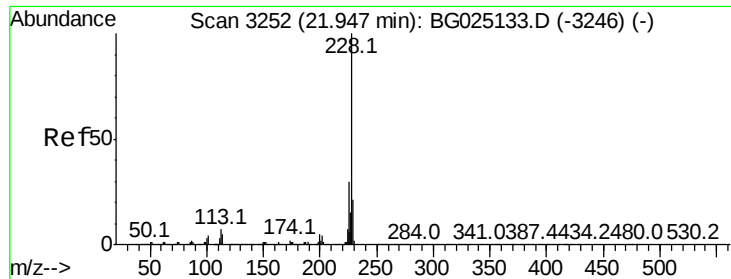
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.60 ng/ul
RT: 21.73 min Scan# 3216
Delta R.T. 0.01 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.6	21.8	32.8
279	21.7	4.5	6.7#





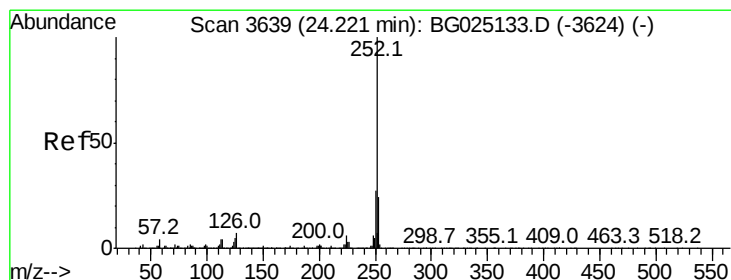
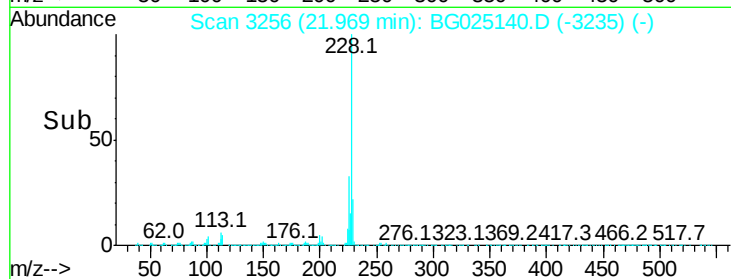
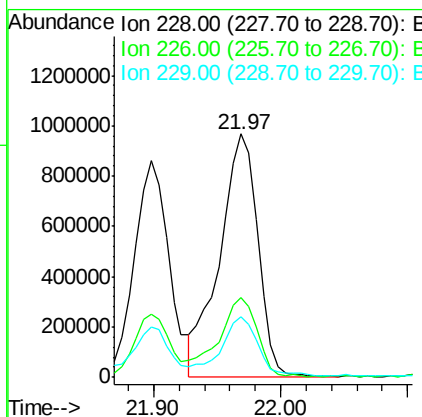
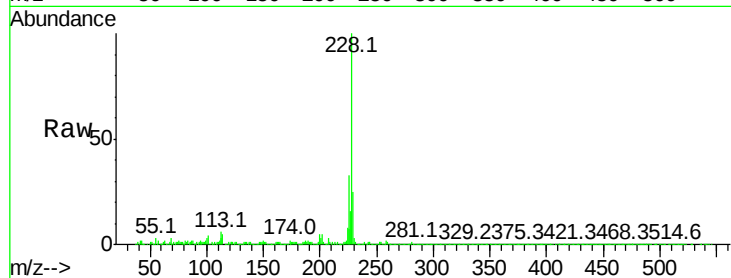
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Chrysene
Concen: 47.10 ng/ul
RT: 21.97 min Scan# 3256
Delta R.T. 0.02 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Instrument :
BNA_G
ClientSampleId :
P006-SS002-0106-03

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	25.0	16.9	25.3

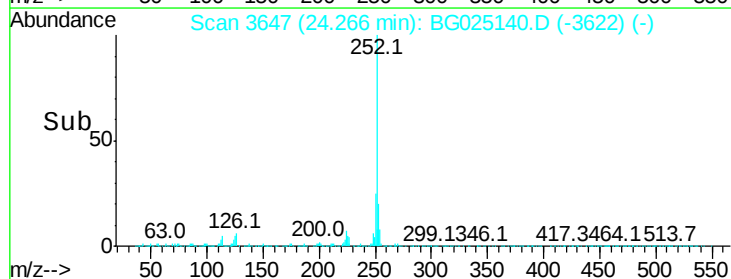
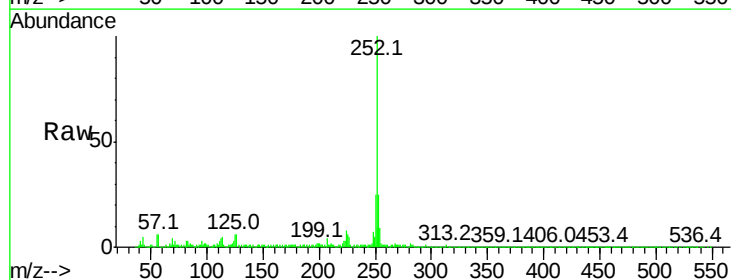
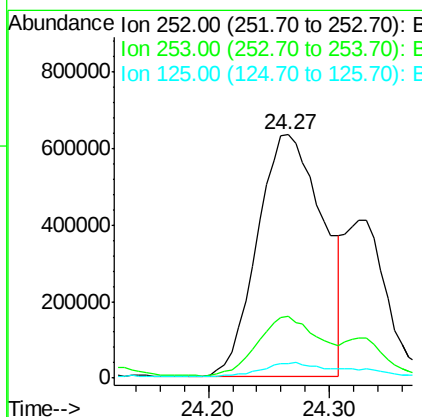
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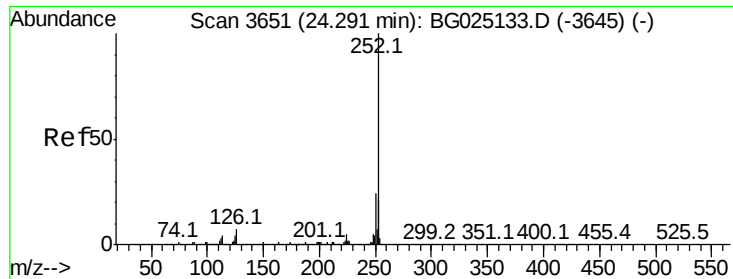
sohil
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#85
Benzo(b)fluoranthene
Concen: 60.05 ng/ul
RT: 24.27 min Scan# 3647
Delta R.T. 0.04 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.7	26.5
125	5.8	4.0	6.0





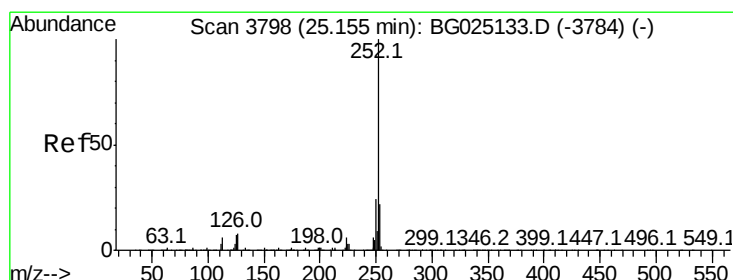
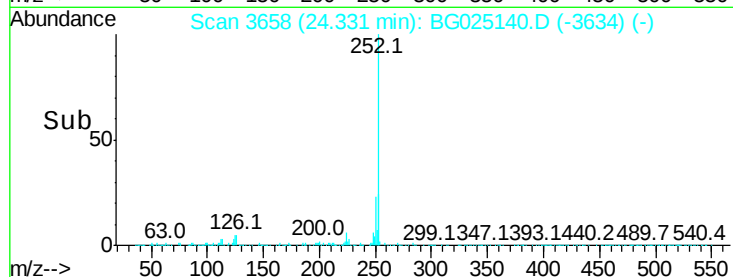
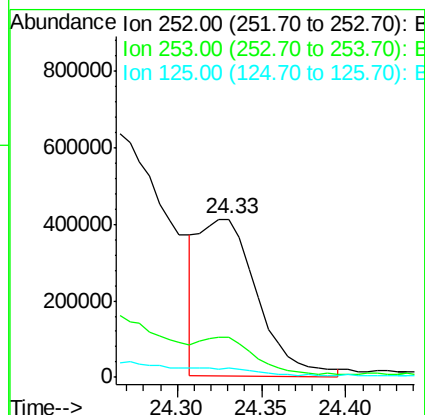
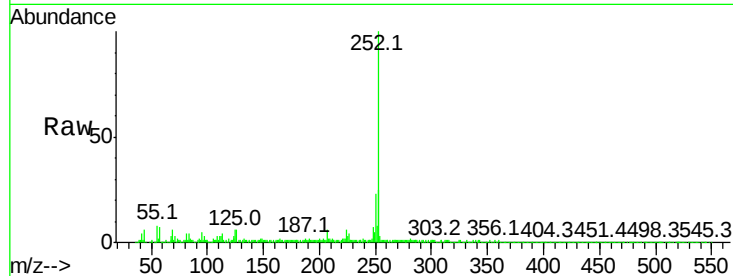
#86
Benzo(k)fluoranthene
Concen: 26.27 ng/ul m
RT: 24.33 min Scan# 3658
Delta R.T. 0.04 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Instrument :
BNA_G
ClientSampleId :
P006-SS002-0106-03

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	5.6	4.1	6.1

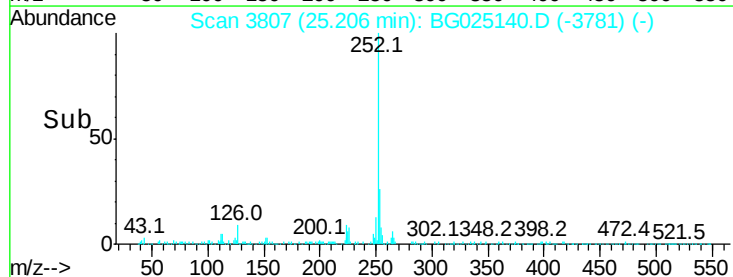
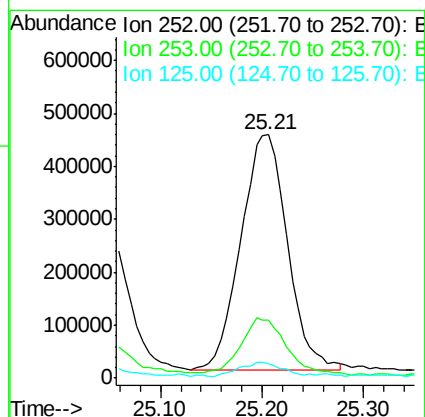
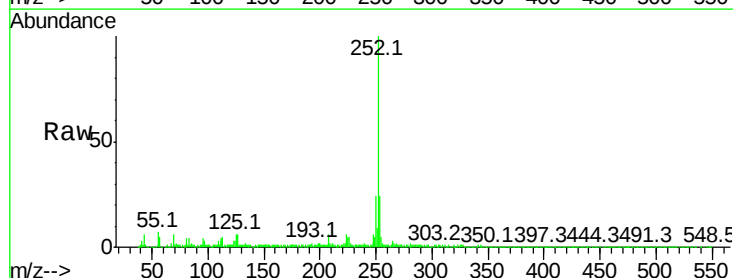
Manual Integrations
APPROVED

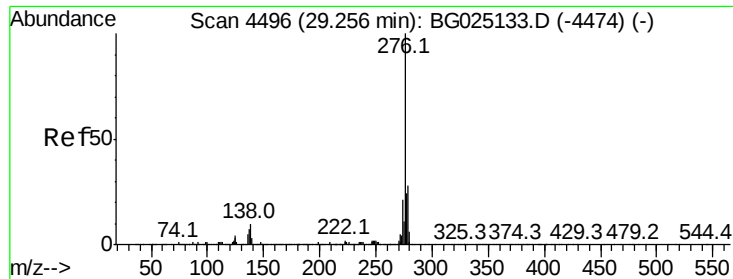
sohil
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#88
Benzo(a)pyrene
Concen: 37.13 ng/ul
RT: 25.21 min Scan# 3807
Delta R.T. 0.05 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	5.8	5.4	8.0





#89

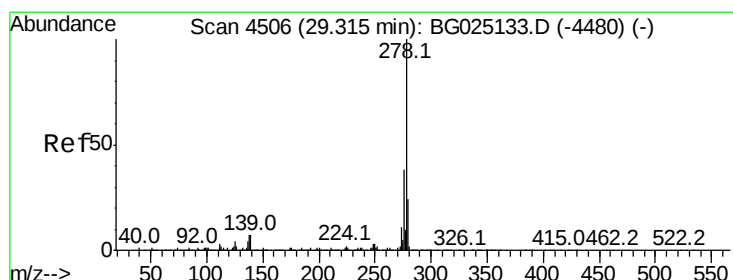
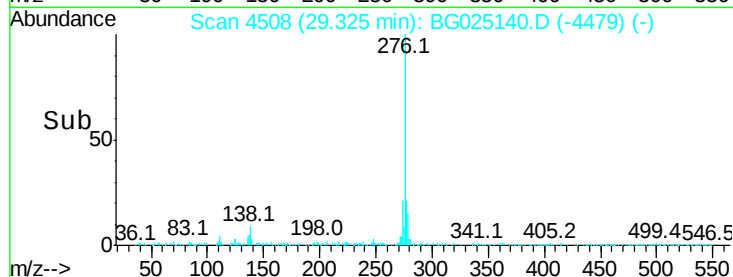
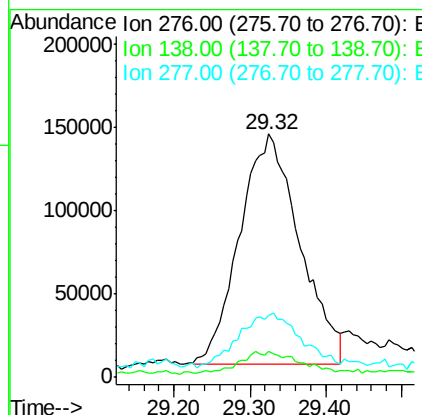
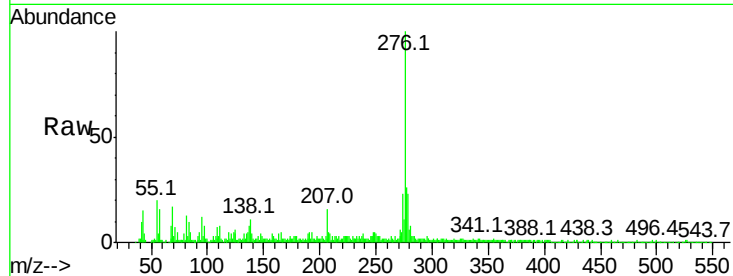
Indeno(1,2,3-cd)pyrene
Concen: 15.91 ng/ul m
RT: 29.32 min Scan# 4508
Delta R.T. 0.07 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Instrument :
BNA_G
ClientSampleId :
P006-SS002-0106-03

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.7	8.2	12.4
277	25.6	18.6	28.0

Manual Integrations
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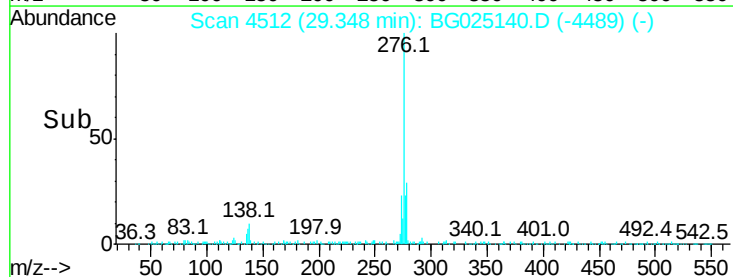
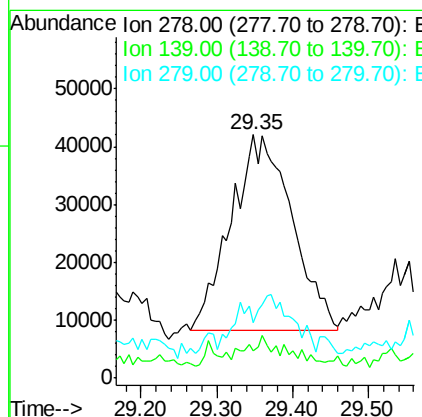
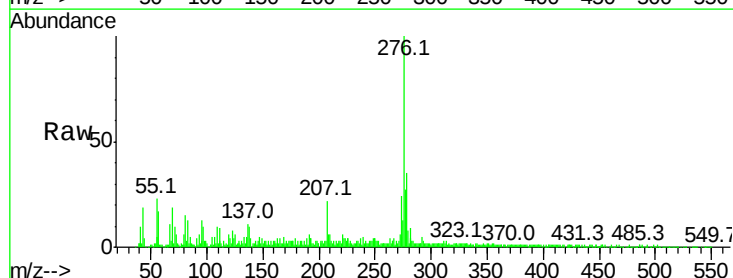
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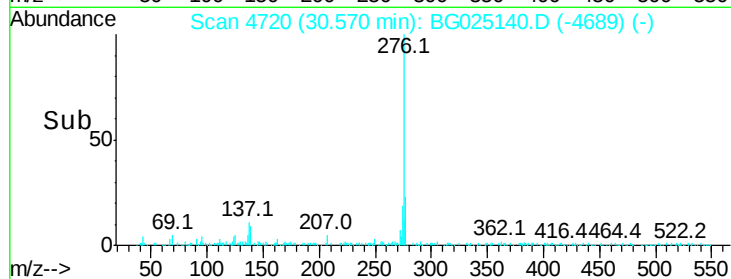
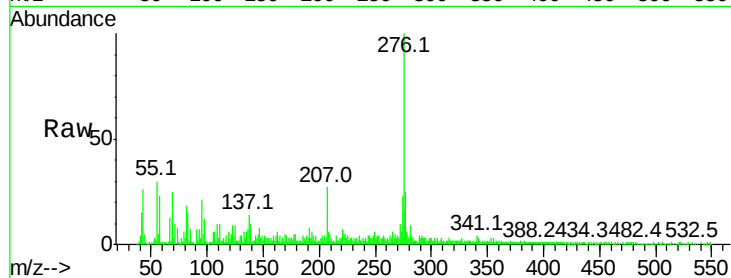
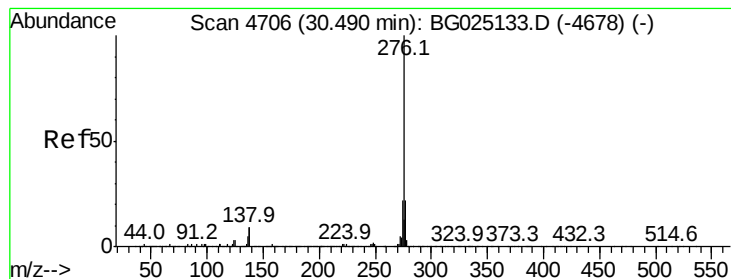


#90

Dibenzo(a,h)anthracene
Concen: 4.71 ng/ul m
RT: 29.35 min Scan# 4512
Delta R.T. 0.03 min
Lab File: BG025140.D
Acq: 13 Dec 2016 7:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.4	6.7	10.1#
279	22.7	20.9	31.3





#91

Benzo(a,h,i)perylene

Concen: 14.57 ng/ul m

RT: 30.57 min Scan# 4720

Delta R.T. 0.08 min

Lab File: BG025140.D

Acq: 13 Dec 2016 7:54

Tot Ion:	276	Resp:	576556
Ion Ratio	Lower	Upper	
276	100		
138	10.4	8.6	12.8
277	25.4	17.6	26.4

Instrument :

BNA_G

ClientSampleId :

P006-SS002-0106-03

Manual Integrations
APPROVED

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