

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
 Data File : BG021895.D
 Acq On : 15 May 2016 16:14
 Operator : UM/SJ
 Sample : H3096-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG2

Manual Integrations
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 5/16/2016 7:04:04 PM

Quant Time: May 16 03:31:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	283164	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	173610	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	367622	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	365641	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	370842	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2326	2.03	ng/uL	0.00
5) Phenol-d5	7.32	99	52751	12.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	27689	13.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	53919	16.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	39362	11.42	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	27787	14.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	30167	25.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	55149	16.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	49137	13.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	193894	15.90	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	265782	15.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	16850m	8.06	ng/ul	0.00
58) Fluorene-d10	15.78	176	180313	14.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	19983	19.62	ng/ul	0.00
71) Anthracene-d10	17.63	188	255683	14.29	ng/ul	0.00
77) Pyrene-d10	19.91	212	268765	15.70	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	254728	14.46	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.23	163	98787	7.95	ng/ul	99
69) Pentachlorophenol	17.18	266	3321	1.96	ng/ul	93
70) Phenanthrene	17.58	178	95567	4.75	ng/ul	99
74) Di-n-butylphthalate	18.47	149	18059	1.12	ng/ul#	97
75) Fluoranthene	19.57	202	223924	9.81	ng/ul#	95
78) Pyrene	19.94	202	206008m	9.74	ng/ul	
79) Butylbenzylphthalate	20.81	149	5514m	1.18	ng/ul	
81) Benzo(a)anthracene	21.80	228	156674	7.70	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	162087	21.23	ng/ul	99
83) Chrysene	21.86	228	177189	8.80	ng/ul	97
86) Benzo(b)fluoranthene	24.09	252	388283	18.29	ng/ul#	95
87) Benzo(k)fluoranthene	24.15	252	96109m	4.23	ng/ul	
89) Benzo(a)pyrene	25.00	252	240065	11.36	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.97	276	214639m	8.57	ng/ul	
91) Dibenzo(a,h)anthracene	29.01	278	56836	2.73	ng/ul#	91
92) Benzo(g,h,i)perylene	30.18	276	211542m	10.23	ng/ul	

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

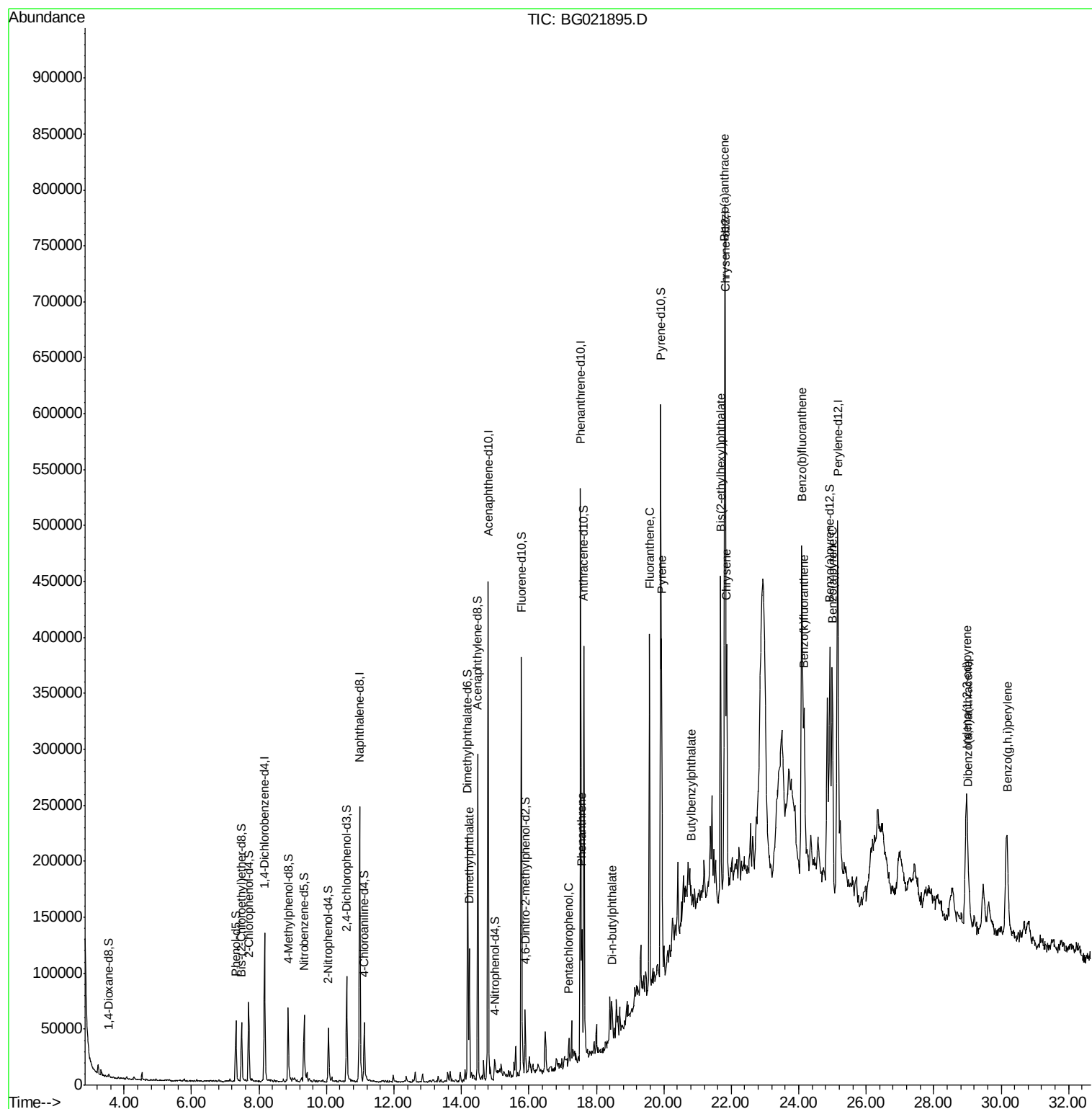
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051516\
Data File : BG021895.D
Acq On : 15 May 2016 16:14
Operator : UM/SJ
Sample : H3096-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

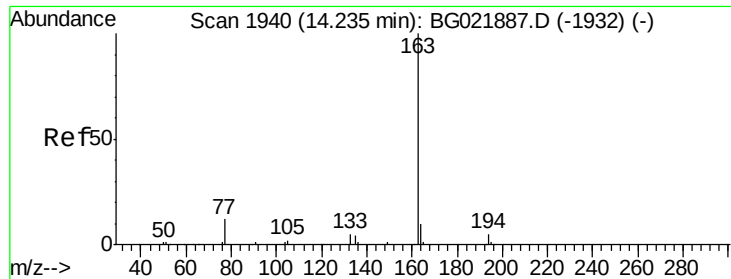
Instrument :
BNA_G
ClientSampled :
D9XG2

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Quant Time: May 16 03:31:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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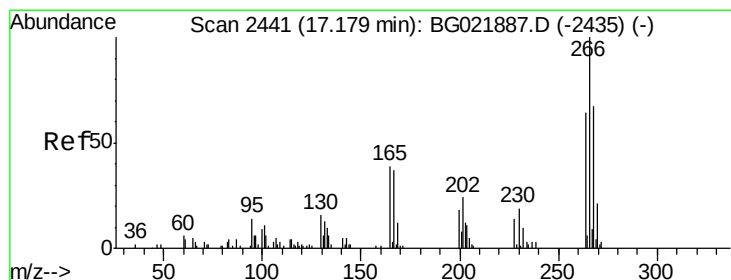
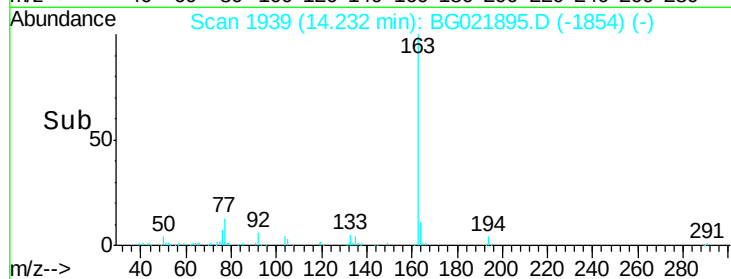
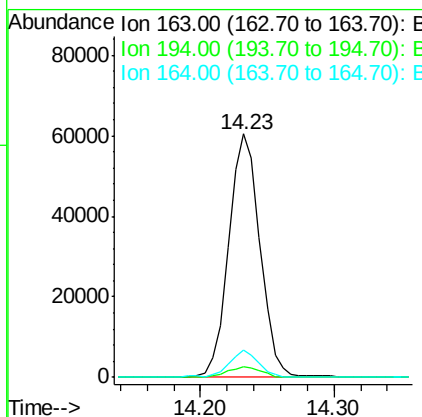
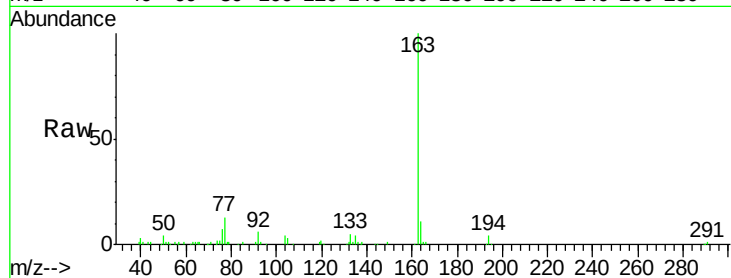
#45
Dimethylphthalate
Concen: 7.95 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Instrument :
BNA_G
ClientSampleId :
D9XG2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	98787		
194	4.4		3.9	5.9
164	11.4		8.7	13.1

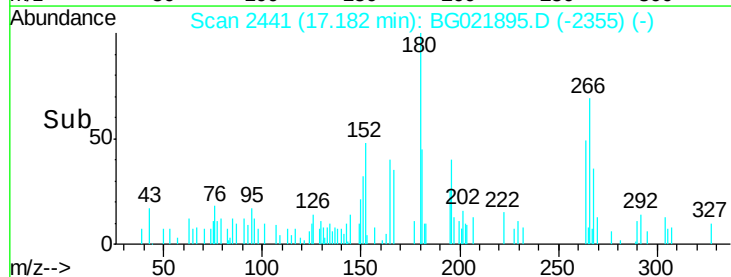
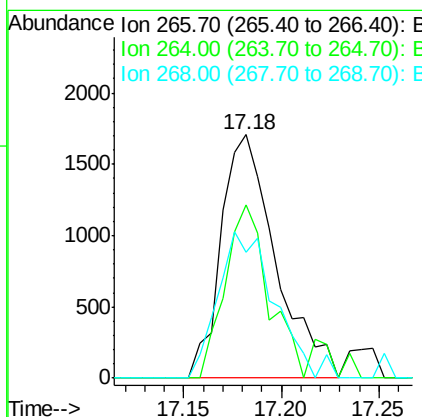
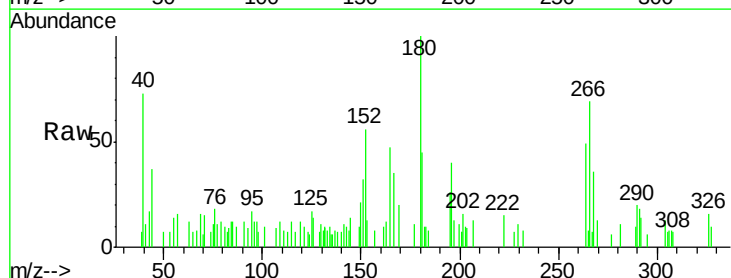
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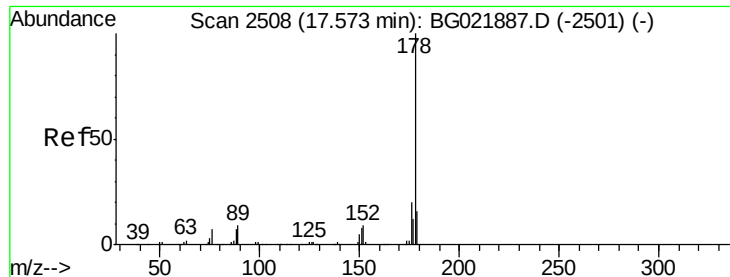
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#69
Pentachlorophenol
Concen: 1.96 ng/ul
RT: 17.18 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	3321		
264	71.0		56.7	85.1
268	51.6		50.6	76.0





#70

Phenanthrene

Concen: 4.75 ng/ul

RT: 17.58 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

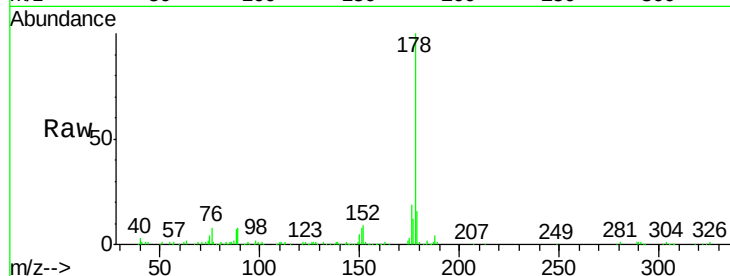
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D9XG2

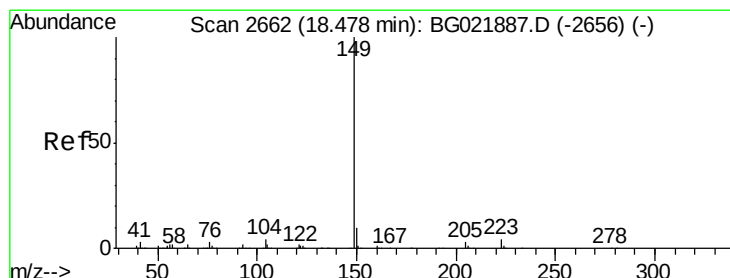
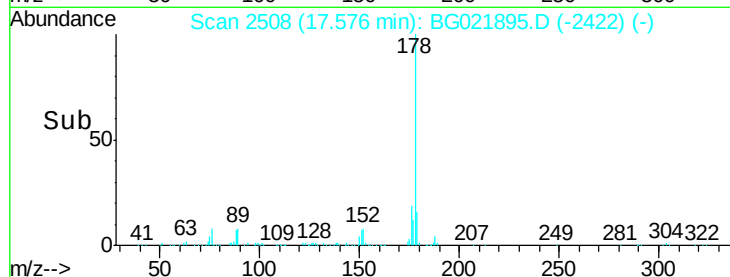
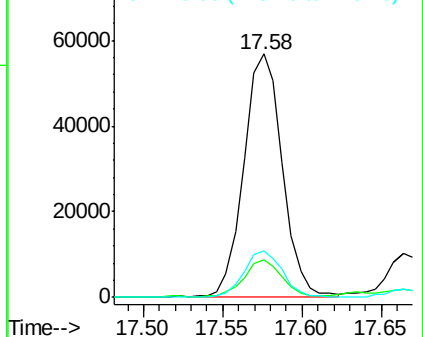
Tgt Ion:	178	Resp:	95567
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.8	17.8
176	18.9	14.8	22.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Di-n-butylphthalate

Concen: 1.12 ng/ul

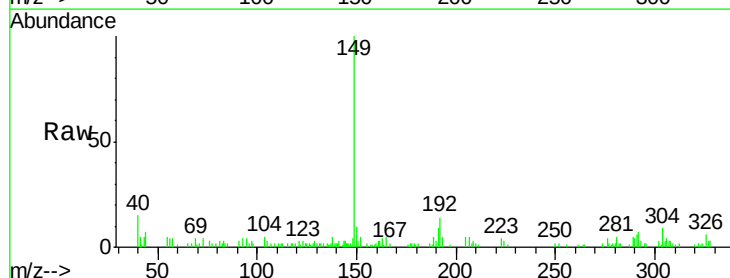
RT: 18.47 min Scan# 2661

Delta R.T. -0.00 min

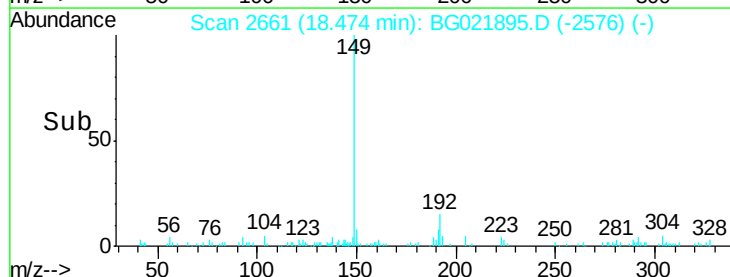
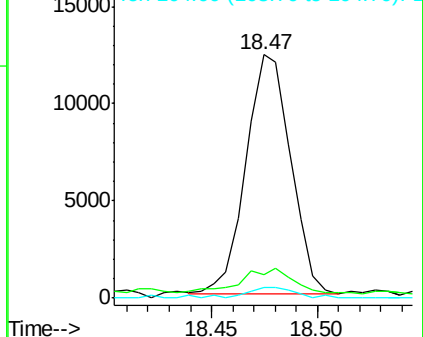
Lab File: BG021895.D

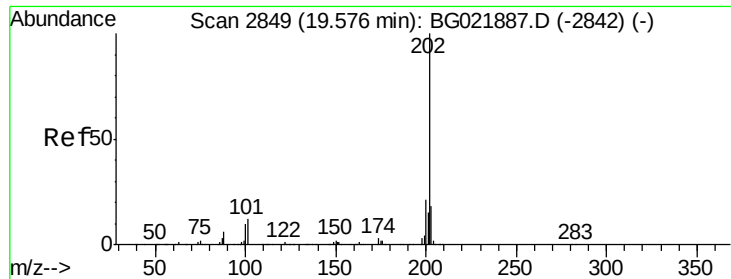
Acq: 15 May 2016 16:14

Tgt Ion:	149	Resp:	18059
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.5	11.3
104	4.6	5.4	8.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.81 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

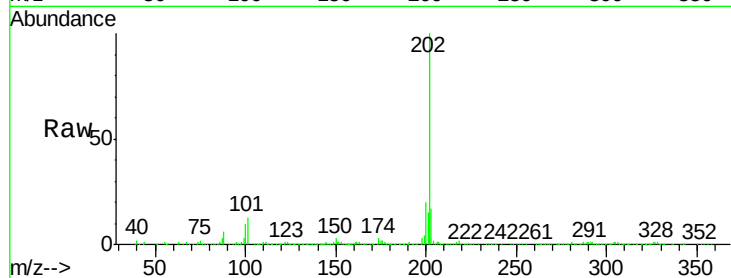
ClientSampleId :

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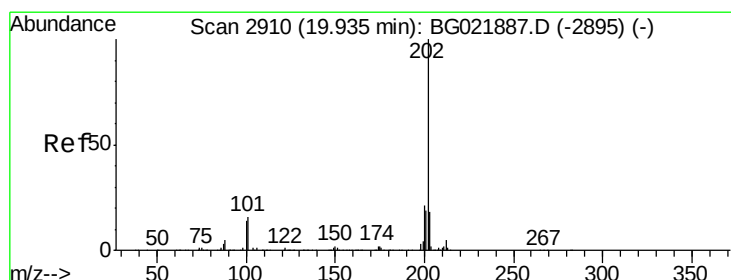
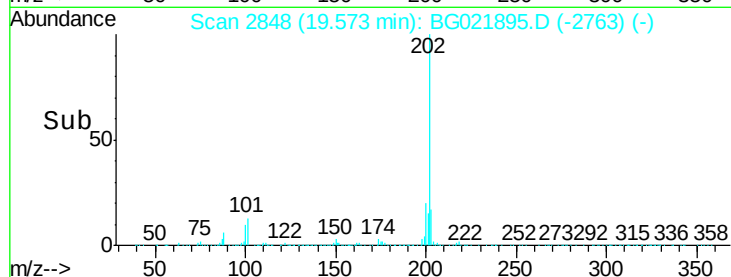
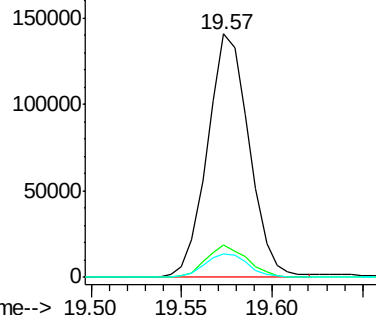
Tgt	Ion	202	Resp:	223924
Ion	Ratio	Lower	Upper	
202	100			
101	13.5	8.9	13.3#	
100	9.7	7.0	10.4	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#78

Pyrene

Concen: 9.74 ng/ul m

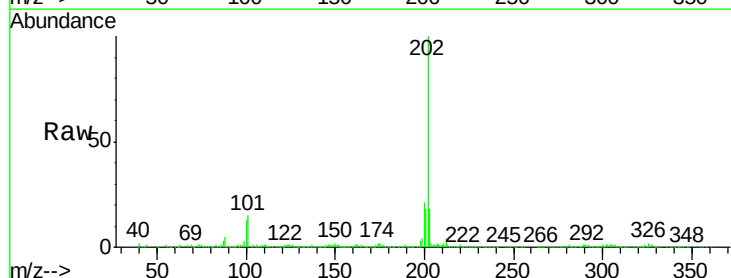
RT: 19.94 min Scan# 2910

Delta R.T. 0.00 min

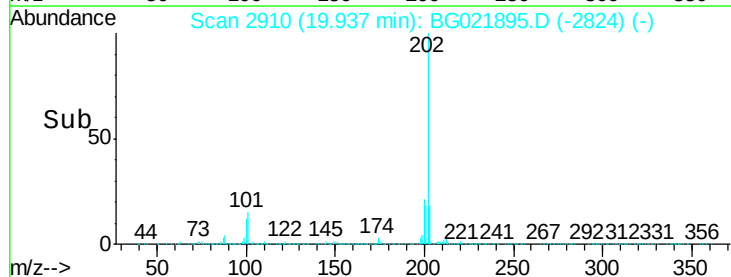
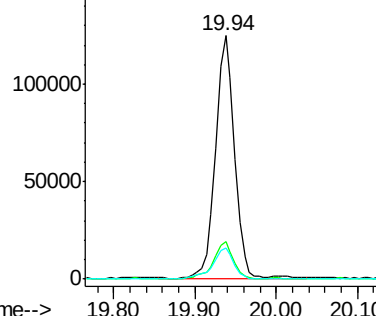
Lab File: BG021895.D

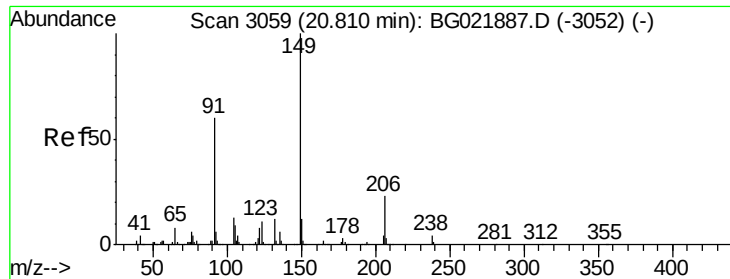
Acq: 15 May 2016 16:14

Tgt	Ion	202	Resp:	206008
Ion	Ratio	Lower	Upper	
202	100			
101	15.2	9.8	14.8#	
100	12.7	9.3	13.9	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





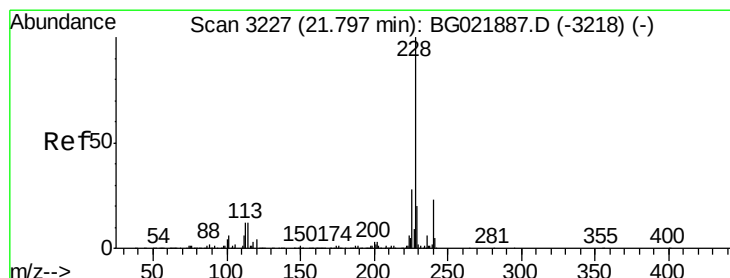
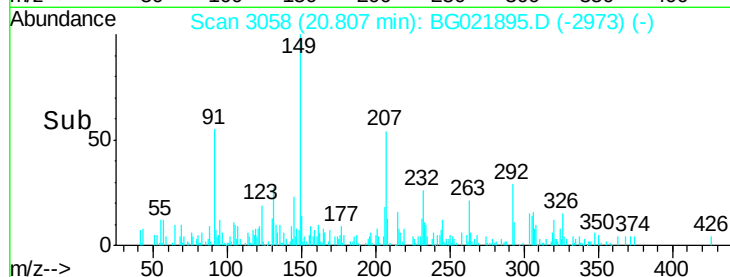
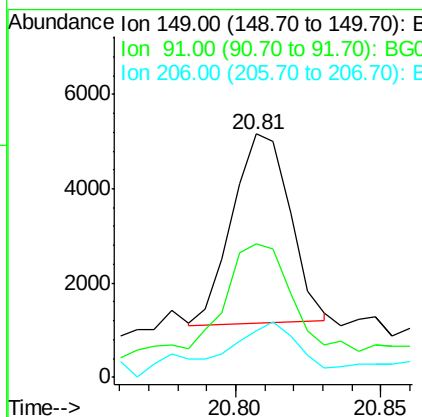
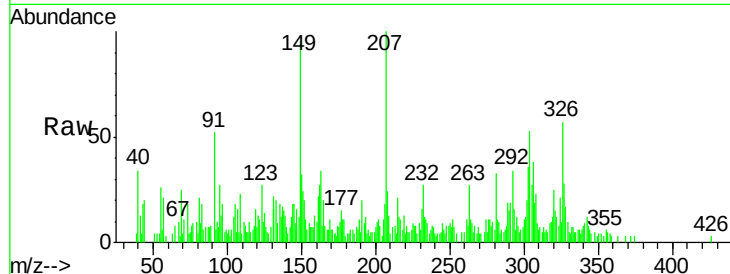
#79
Butylbenzylphthalate
Concen: 1.18 ng/ul m
RT: 20.81 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Instrument :
BNA_G
ClientSampled :
D9XG2

Tgt Ion	Ratio	Lower	Upper
149	100		
91	54.7	65.8	98.8#
206	19.3	15.5	23.3

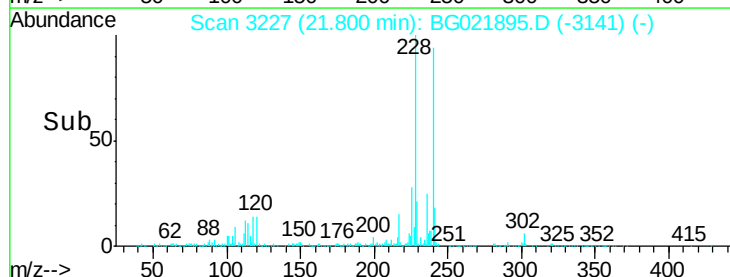
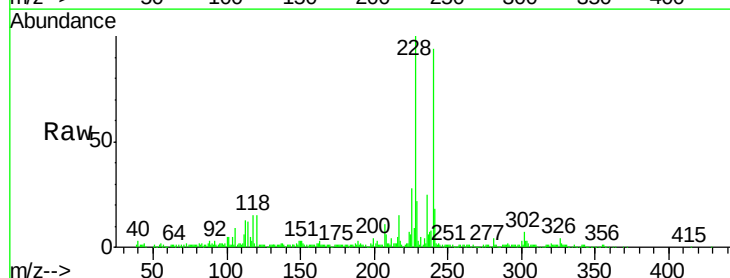
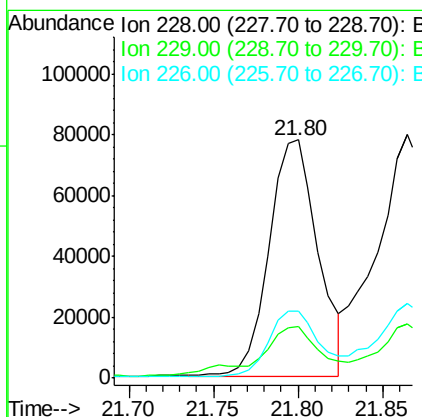
Manual Integrations
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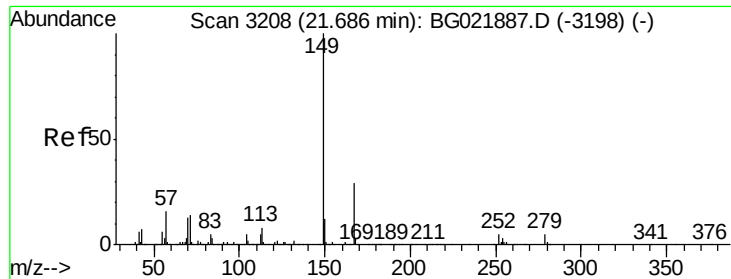
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#81
Benzo(a)anthracene
Concen: 7.70 ng/ul
RT: 21.80 min Scan# 3227
Delta R.T. 0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.6	25.0
226	28.2	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 21.23 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

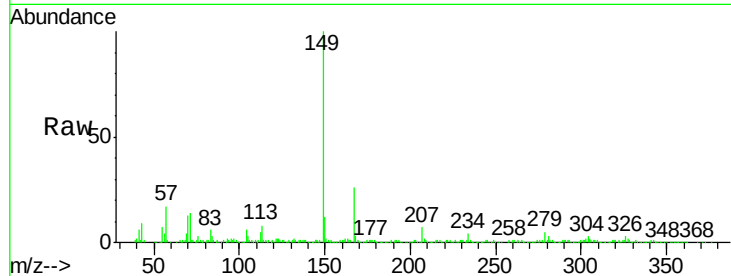
ClientSampleId :

D9XG2

Tgt Ion:	149	Resp:	162087
Ion Ratio	Lower	Upper	
149	100		
167	26.2	20.5	30.7
279	4.7	3.7	5.5

Manual Integrations
APPROVED

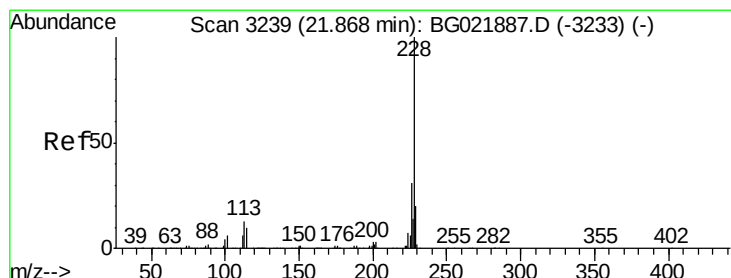
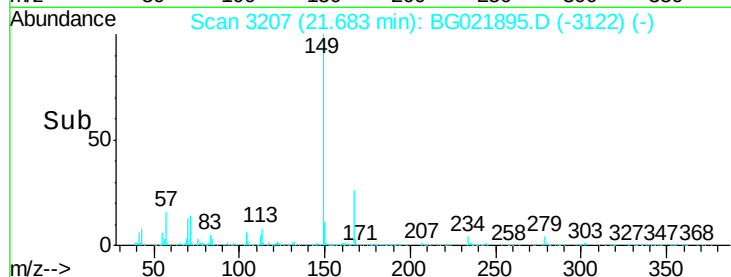
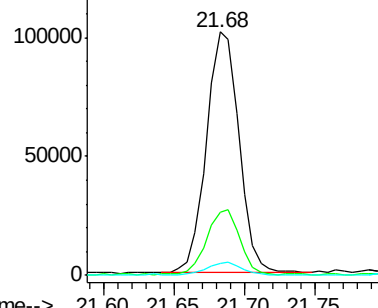
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#83

Chrysene

Concen: 8.80 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG021895.D

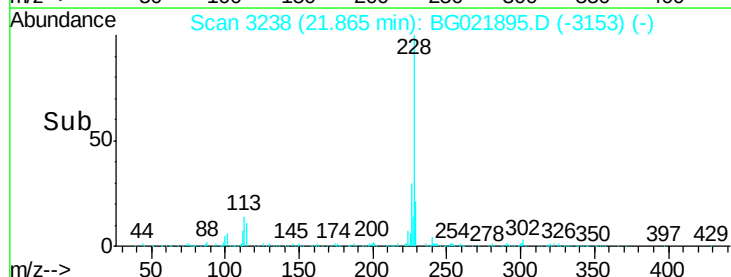
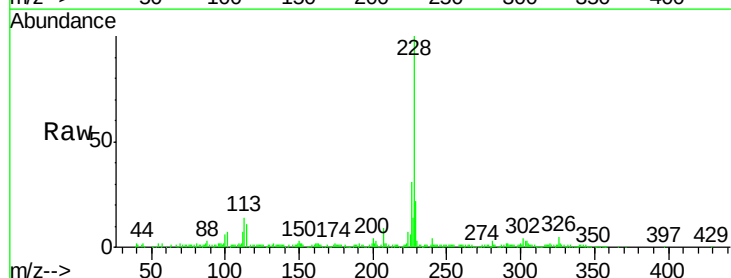
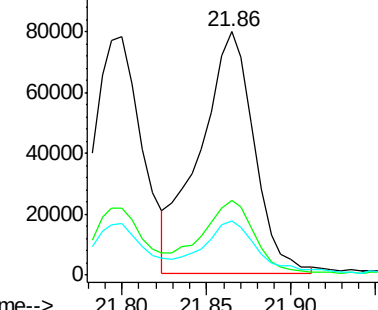
Acq: 15 May 2016 16:14

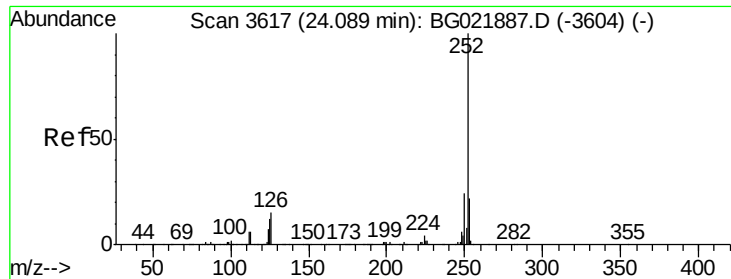
Tgt Ion:	228	Resp:	177189
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.2
229	22.1	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





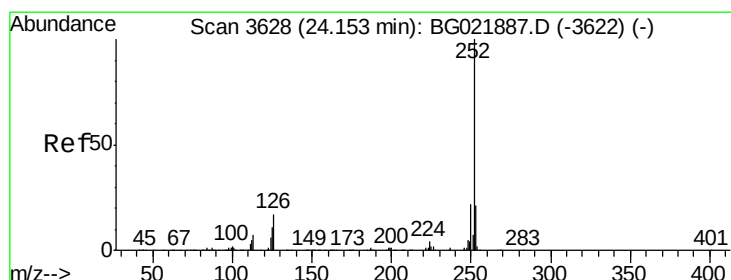
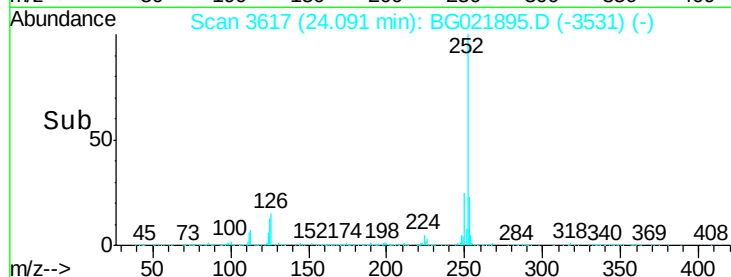
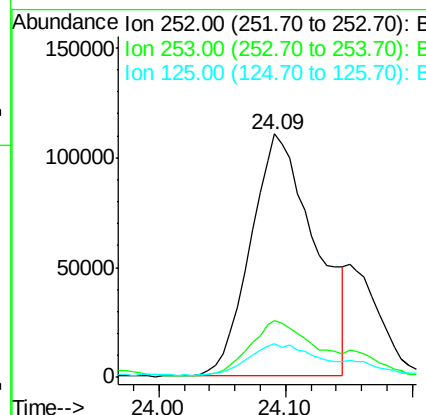
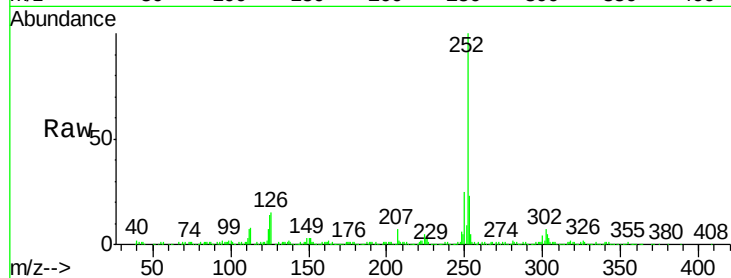
#86
Benzo(b)fluoranthene
Concen: 18.29 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. 0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Instrument :
BNA_G
ClientSampleId :
D9XG2

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	18.1	27.1
125	14.0	7.6	11.4#

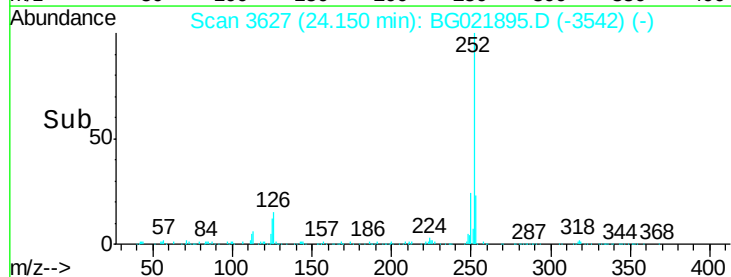
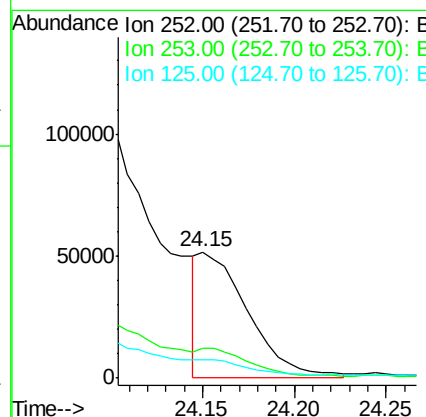
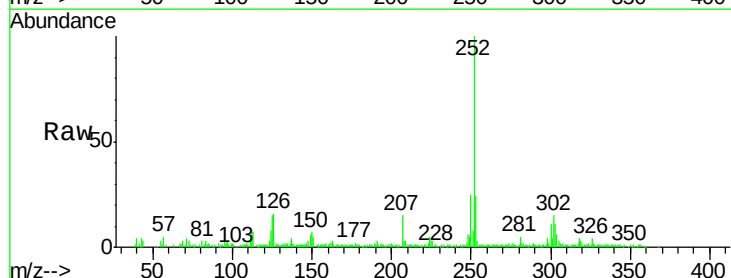
Manual Integrations
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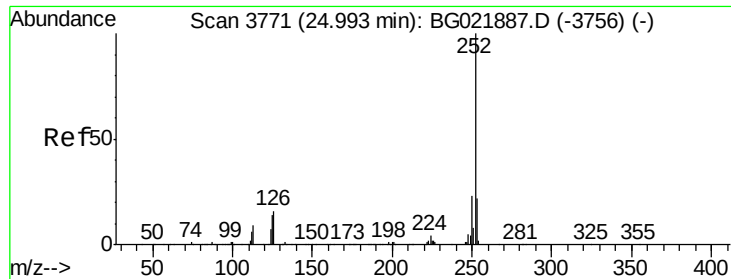
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#87
Benzo(k)fluoranthene
Concen: 4.23 ng/ul m
RT: 24.15 min Scan# 3627
Delta R.T. -0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	17.8	26.8
125	14.5	7.7	11.5#





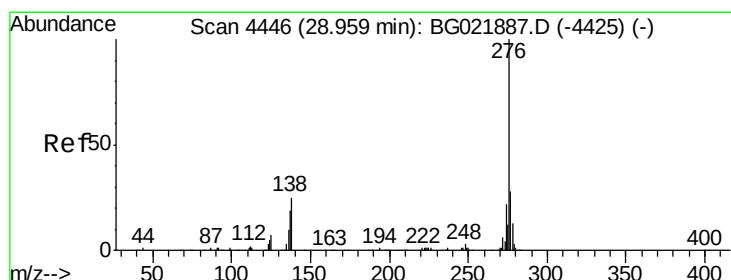
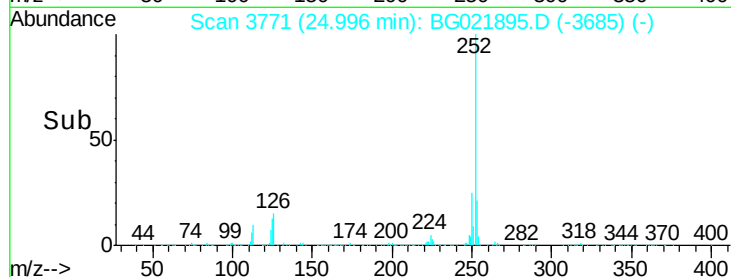
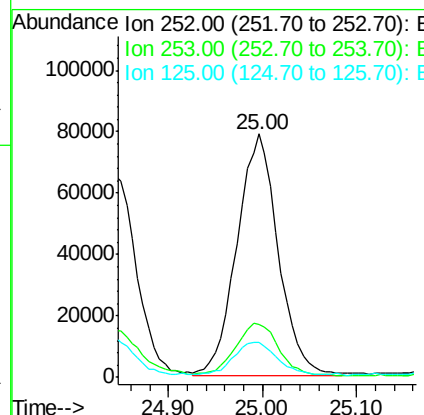
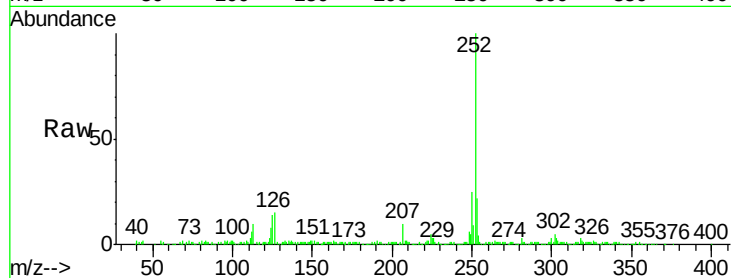
#89
Benzo(a)pyrene
Concen: 11.36 ng/ul
RT: 25.00 min Scan# 3771
Delta R.T. 0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Instrument :
BNA_G
ClientSampleId :
D9XG2

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	17.4	26.0
125	14.4	8.2	12.2

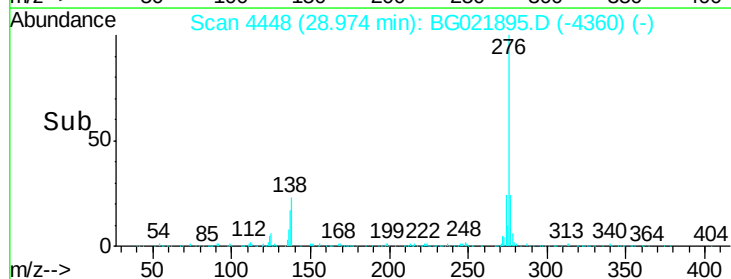
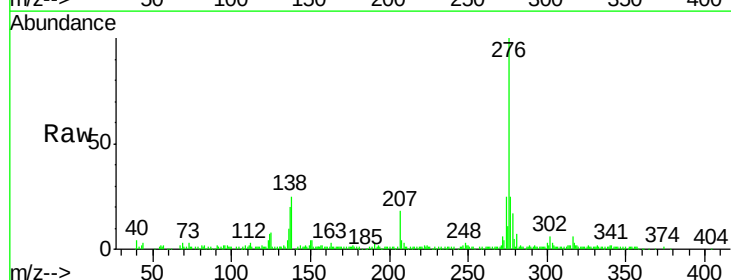
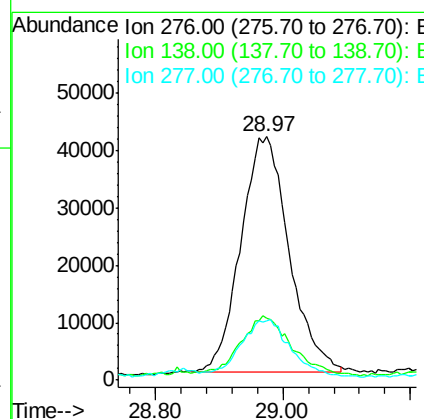
Manual Integrations
APPROVED

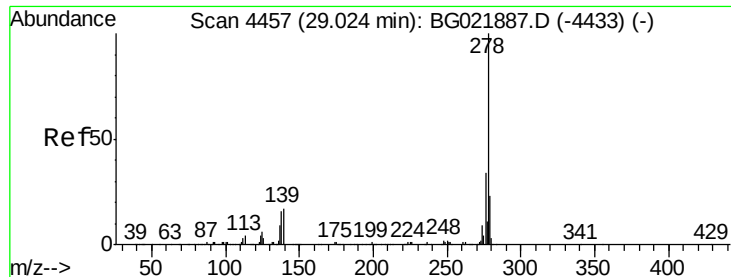
sohil
5/16/2016 7:04:04 PM



#90
Indeno(1,2,3-cd)pyrene
Concen: 8.57 ng/ul m
RT: 28.97 min Scan# 4448
Delta R.T. 0.01 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.4	15.8	23.6
277	24.6	19.0	28.6





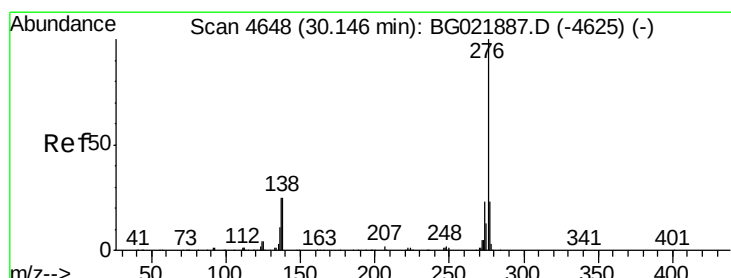
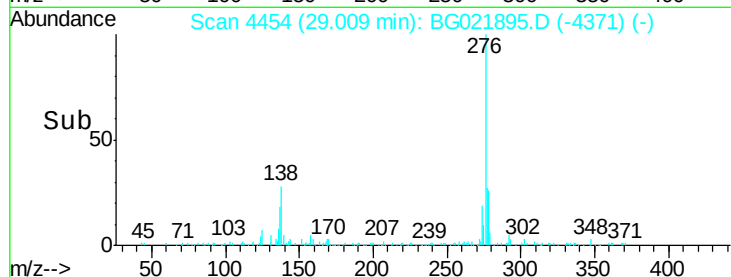
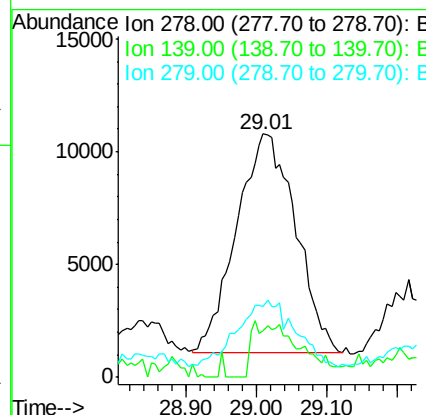
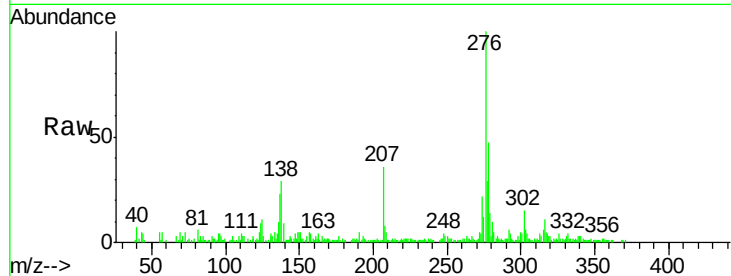
#91
Dibenzo(a,h)anthracene
Concen: 2.73 ng/ul
RT: 29.01 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Instrument :
BNA_G
ClientSampleId :
D9XG2

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	56836		
139	19.1	12.1	18.1#	
279	29.3	19.8	29.8	

Manual Integrations
APPROVED

sohil
5/16/2016 7:04:04 PM



#92
Benzo(g,h,i)perylene
Concen: 10.23 ng/ul m
RT: 30.18 min Scan# 4653
Delta R.T. 0.03 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	211542		
138	24.6	13.9	20.9#	
277	23.0	19.8	29.6	

