

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023613.D
 Acq On : 11 Aug 2016 4:30
 Operator : UM/SJ
 Sample : H4384-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-0612-01

Manual Integrations
 APPROVED

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Quant Time: Aug 11 06:03:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	144954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	693047	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	498349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1138835	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1124921	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1109936	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	10753	3.15	ng/uL	0.00
5) Phenol-d5	7.26	99	269529	18.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	176535	18.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	189782	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	217237	19.06	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	106589m	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	123259	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	223313	18.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	232572	16.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	787885	19.31	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	906451	19.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	119727	17.19	ng/ul	0.00
57) Fluorene-d10	15.78	176	719288	19.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	121921	16.69	ng/ul	0.00
70) Anthracene-d10	17.65	188	1034055	20.15	ng/ul	0.00
76) Pyrene-d10	19.94	212	1094159	19.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	997871	19.86	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	704652	17.44	ng/ul	98
47) Acenaphthylene	14.51	152	127453	2.65	ng/ul	97
69) Phenanthrene	17.59	178	722296	12.25	ng/ul	97
74) Fluoranthene	19.60	202	1232694m	20.42	ng/ul	
77) Pyrene	19.97	202	1450192	20.85	ng/ul	95
78) Butylbenzylphthalate	20.85	149	1499111	56.20	ng/ul#	83
80) Benzo(a)anthracene	21.85	228	786304	12.41	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.72	149	222611	6.28	ng/ul	98
82) Chrysene	21.92	228	807881	14.02	ng/ul	95
85) Benzo(b)fluoranthene	24.18	252	948655m	15.03	ng/ul	
86) Benzo(k)fluoranthene	24.24	252	383463m	6.17	ng/ul	
88) Benzo(a)pyrene	25.10	252	749756m	12.30	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.14	276	520903m	7.27	ng/ul	
90) Dibenzo(a,h)anthracene	29.20	278	159134m	2.61	ng/ul	
91) Benzo(g,h,i)perylene	30.37	276	418650m	7.05	ng/ul	

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

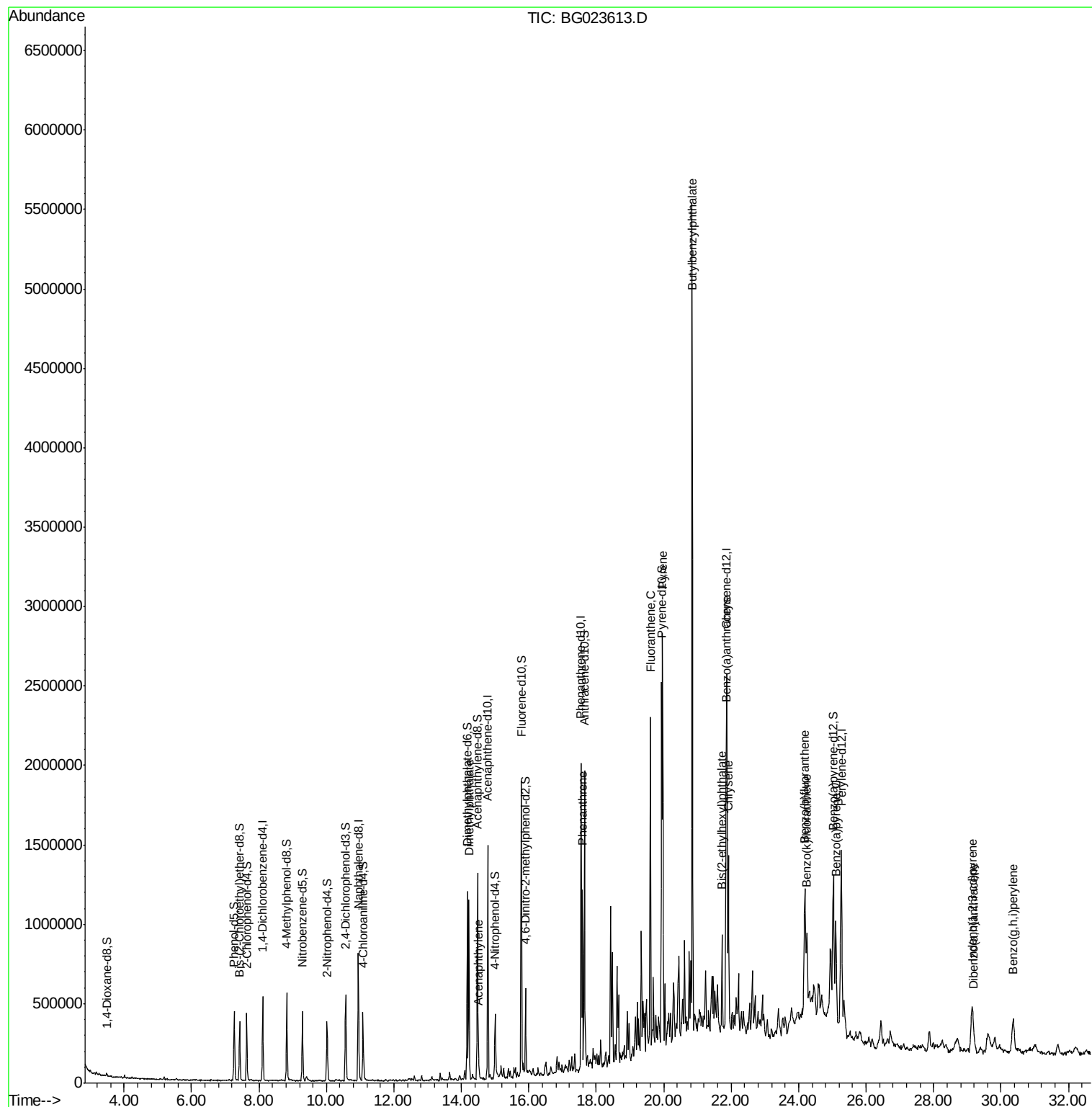
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023613.D
Acq On : 11 Aug 2016 4:30
Operator : UM/SJ
Sample : H4384-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

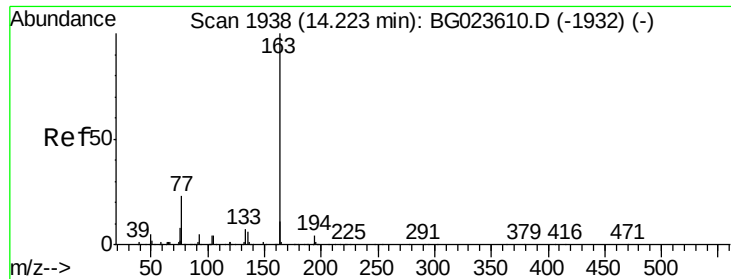
Instrument :
BNA_G
ClientSampleId :
P001-SS001-0612-01

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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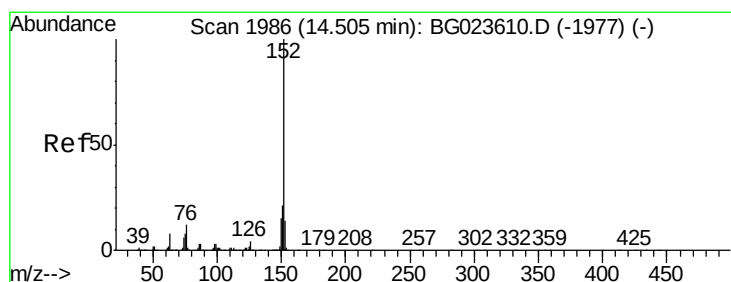
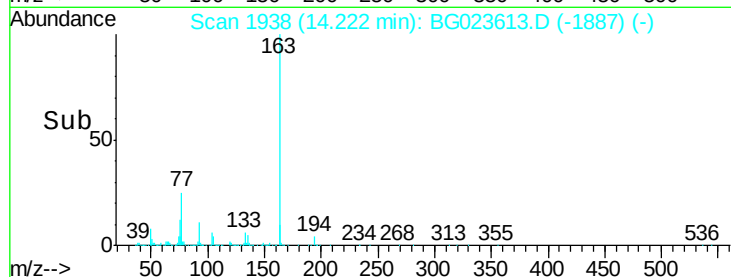
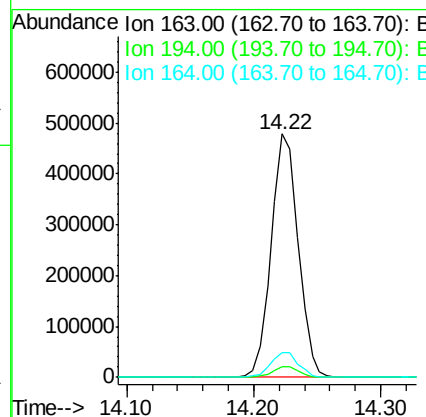
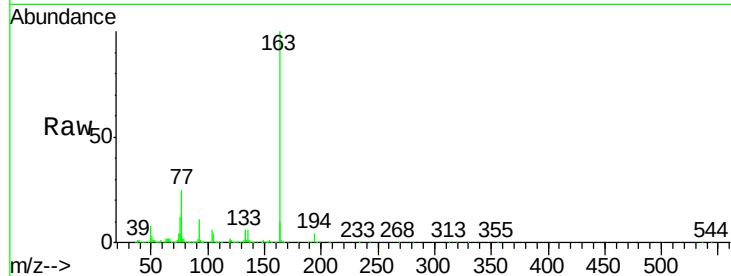
#44
Dimethylphthalate
Concen: 17.44 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023613.D
Acq: 11 Aug 2016 4:30

Instrument :
BNA_G
ClientSampleId :
P001-SS001-0612-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.8	13.2

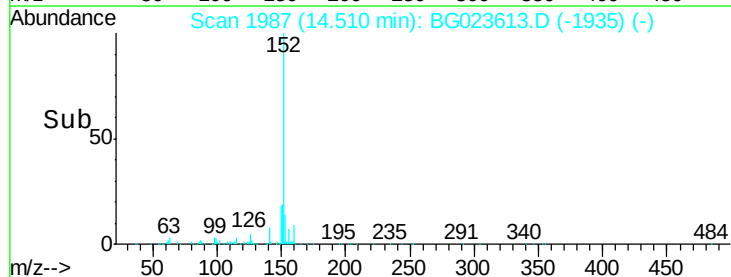
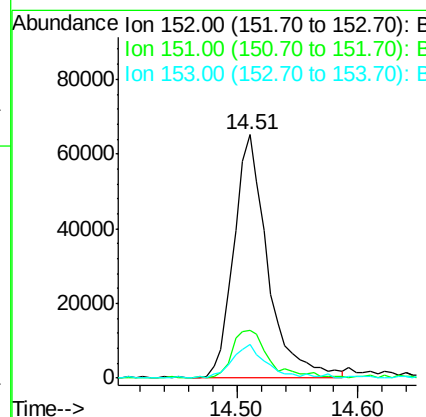
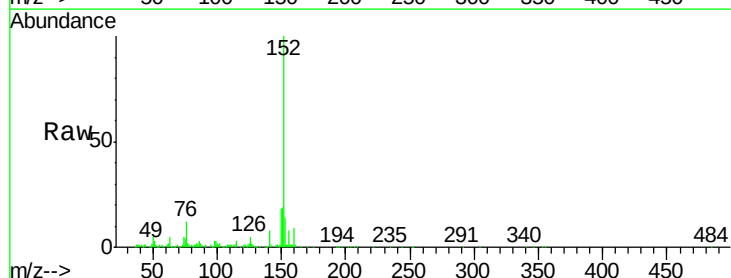
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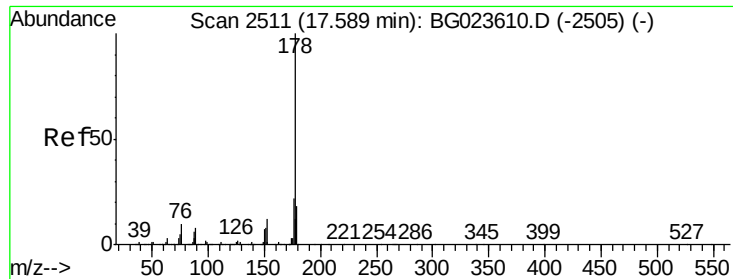
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#47
Acenaphthylene
Concen: 2.65 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG023613.D
Acq: 11 Aug 2016 4:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.4	17.5	26.3
153	13.9	11.1	16.7





#69

Phenanthrene

Concen: 12.25 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG023613.D

Acq: 11 Aug 2016 4:30

Instrument :

BNA_G

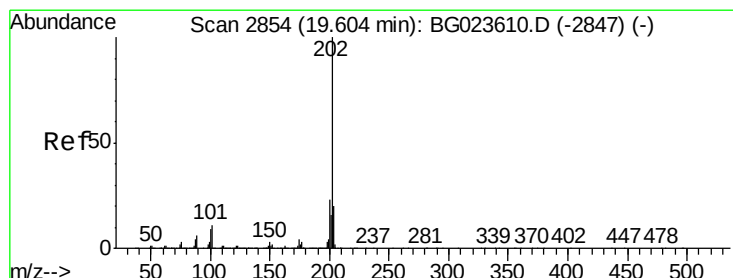
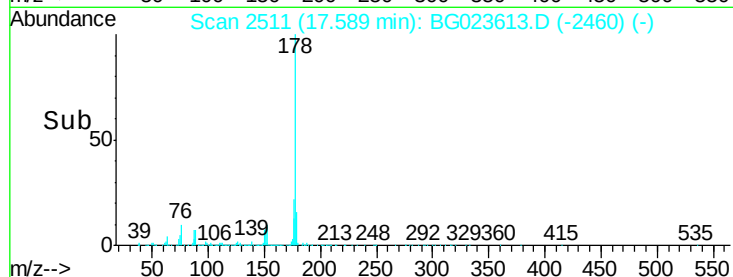
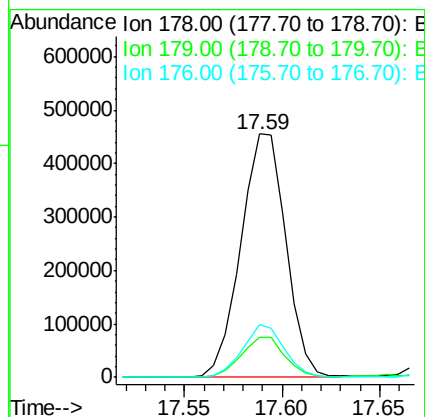
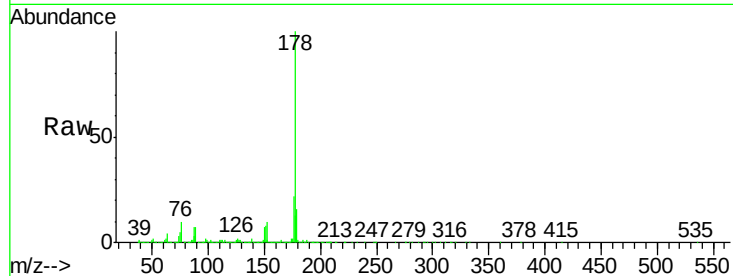
ClientSampleId :

P001-SS001-0612-01

Tgt Ion:	178	Resp:	722296
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.9	19.3
176	21.6	15.8	23.8

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#74

Fluoranthene

Concen: 20.42 ng/ul m

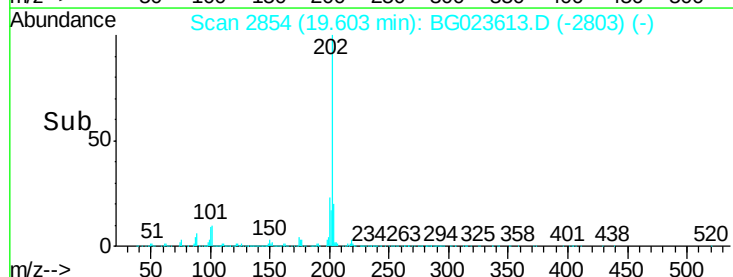
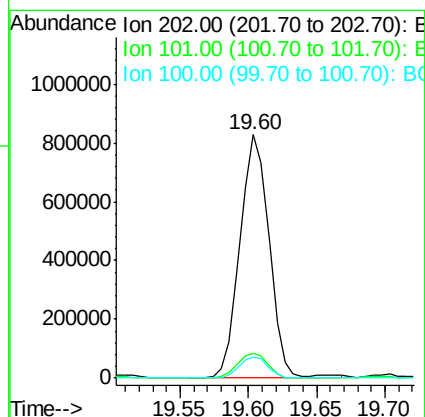
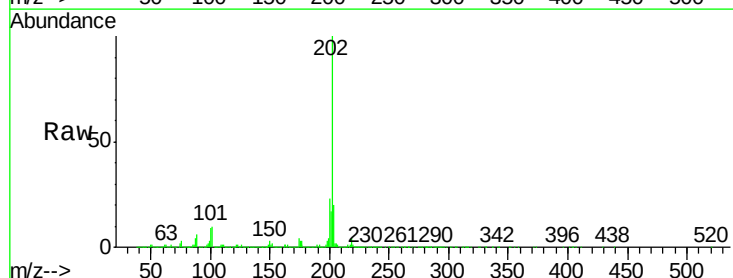
RT: 19.60 min Scan# 2854

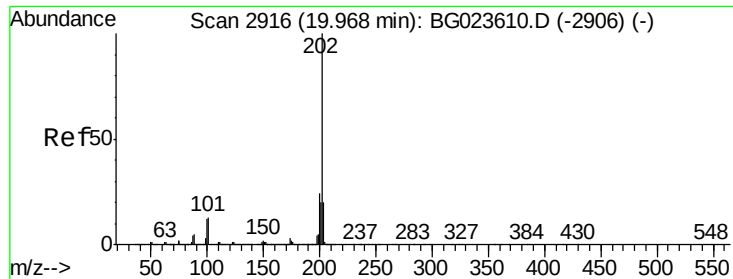
Delta R.T. 0.00 min

Lab File: BG023613.D

Acq: 11 Aug 2016 4:30

Tgt Ion:	202	Resp:	1232694
Ion Ratio	Lower	Upper	
202	100		
101	10.1	10.6	16.0#
100	8.8	8.7	13.1





#77

Pyrene

Concen: 20.85 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023613.D

Acq: 11 Aug 2016 4:30

Instrument :

BNA_G

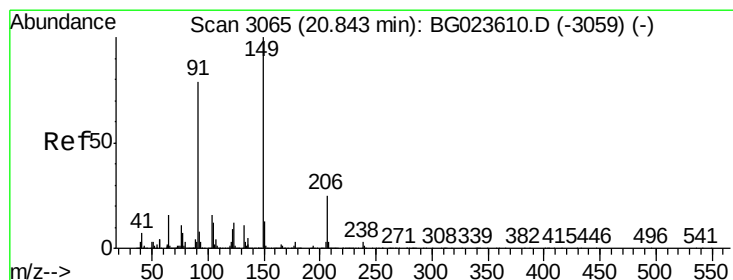
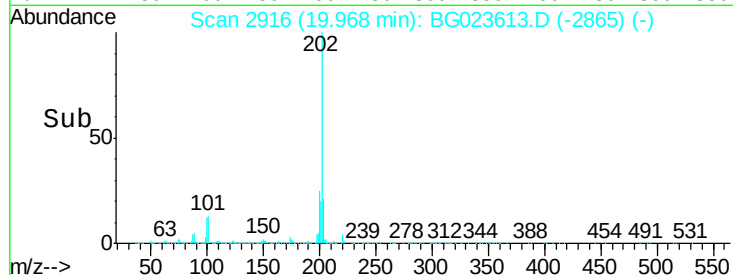
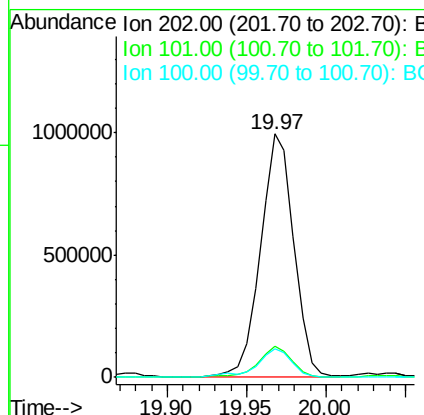
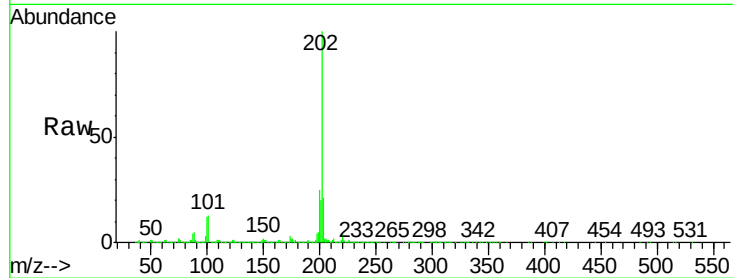
ClientSampleId :

P001-SS001-0612-01

Tgt Ion:	202	Resp:	1450192
Ion Ratio	Lower	Upper	
202	100		
101	12.8	12.5	18.7
100	11.6	10.2	15.4

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#78

Butylbenzylphthalate

Concen: 56.20 ng/ul

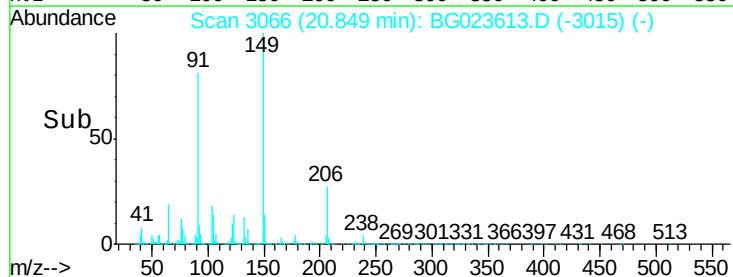
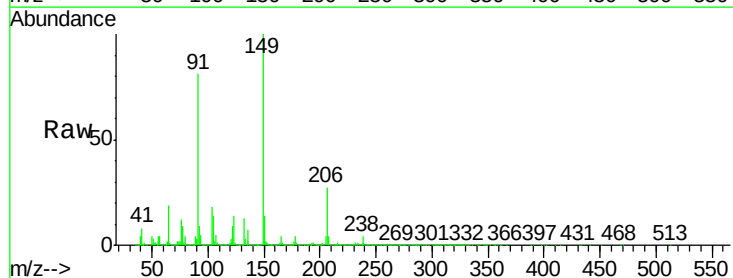
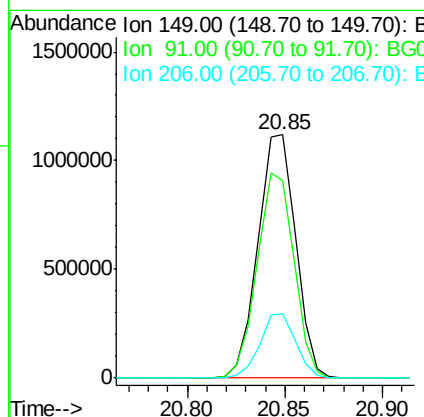
RT: 20.85 min Scan# 3066

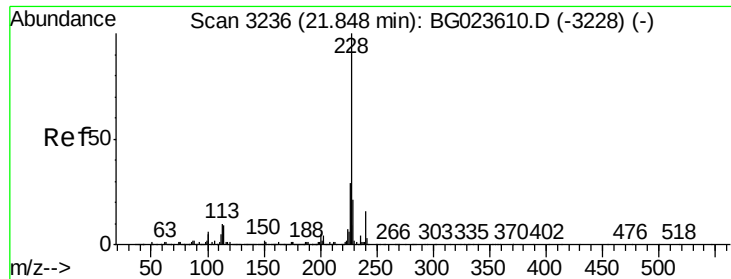
Delta R.T. 0.00 min

Lab File: BG023613.D

Acq: 11 Aug 2016 4:30

Tgt Ion:	149	Resp:	1499111
Ion Ratio	Lower	Upper	
149	100		
91	81.1	54.2	81.4
206	26.7	14.1	21.1#





#80

Benzo(a)anthracene

Concen: 12.41 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023613.D

Acq: 11 Aug 2016 4:30

Instrument :

BNA_G

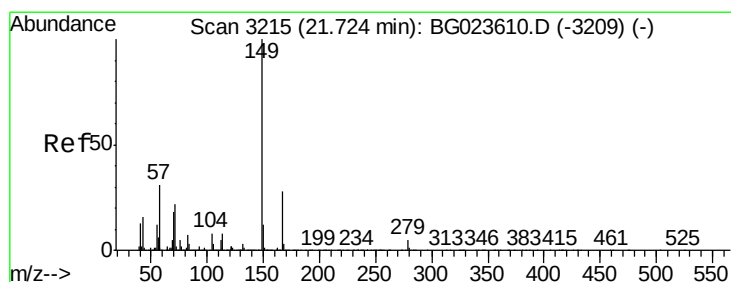
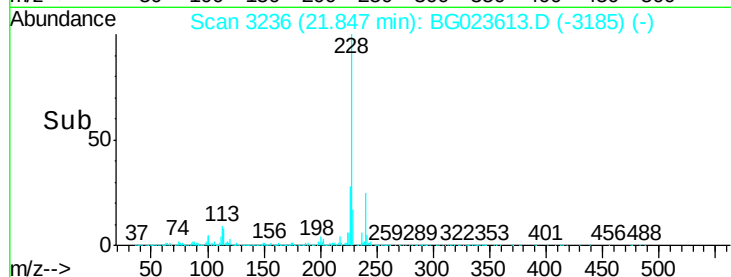
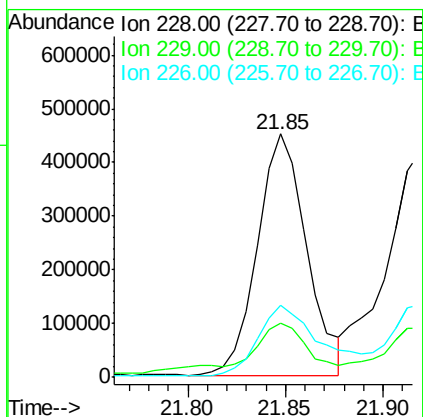
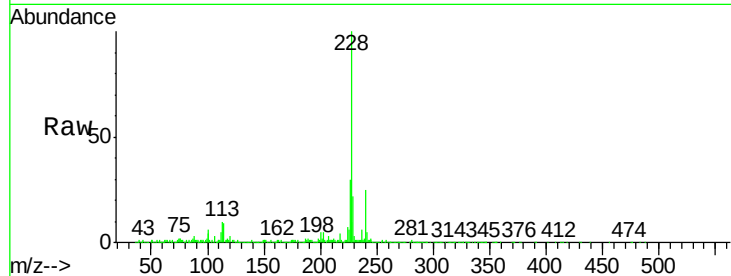
ClientSampleId :

P001-SS001-0612-01

Tgt Ion:	228	Resp:	786304
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.4	23.2
226	29.9	22.8	34.2

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#81

Bis(2-ethylhexyl)phthalate

Concen: 6.28 ng/ul

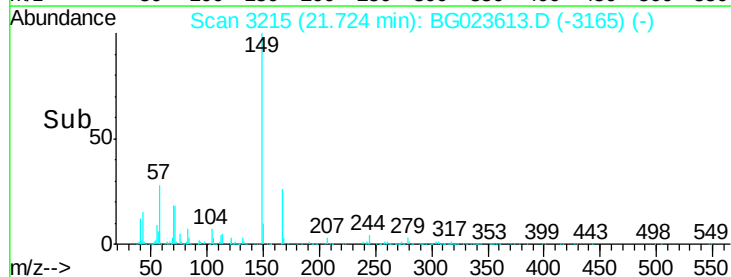
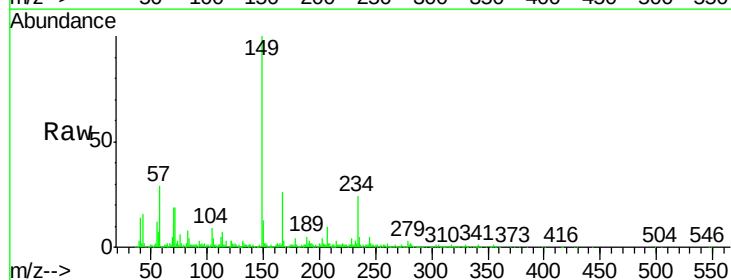
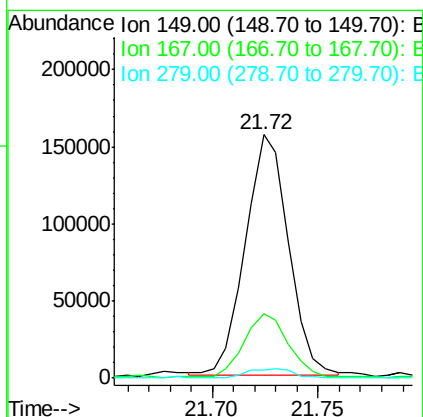
RT: 21.72 min Scan# 3215

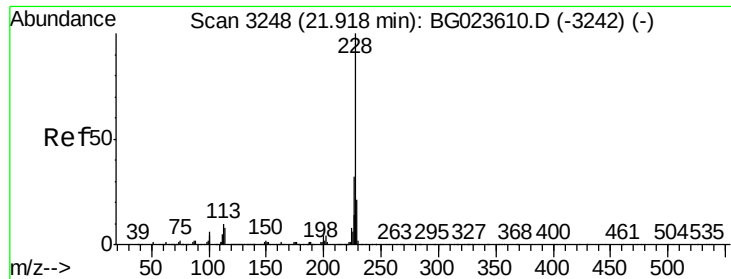
Delta R.T. -0.00 min

Lab File: BG023613.D

Acq: 11 Aug 2016 4:30

Tgt Ion:	149	Resp:	222611
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.9	32.9
279	3.5	2.9	4.3





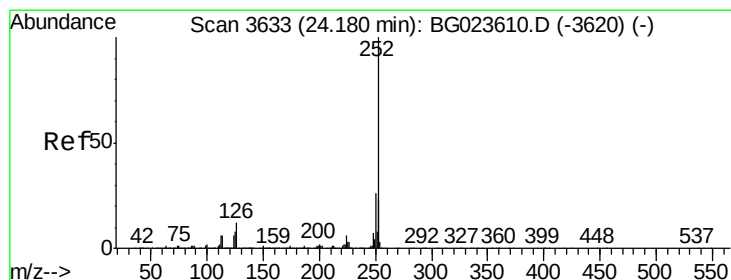
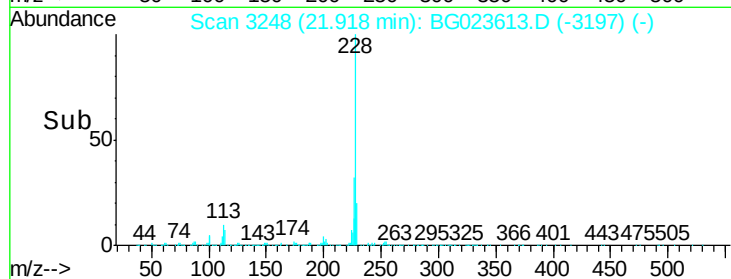
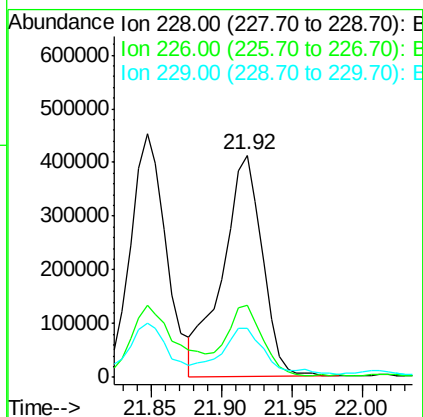
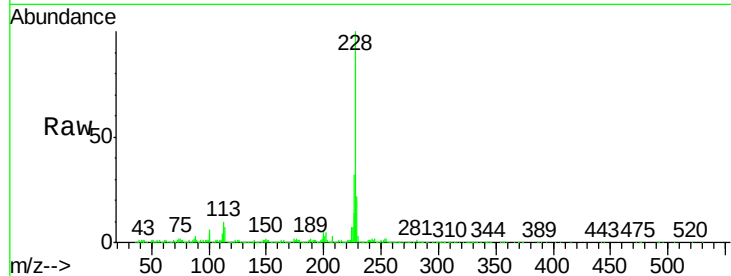
#82
Chrysene
Concen: 14.02 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. 0.00 min
Lab File: BG023613.D
Acq: 11 Aug 2016 4:30

Instrument :
BNA_G
ClientSampleId :
P001-SS001-0612-01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	807881		
226	32.4		24.2	36.4
229	22.1		15.0	22.6

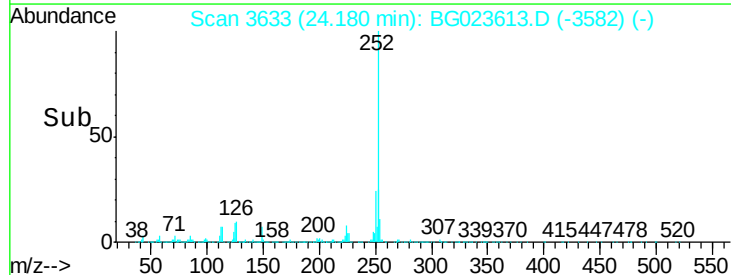
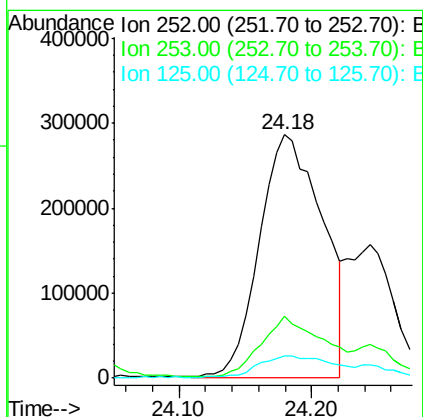
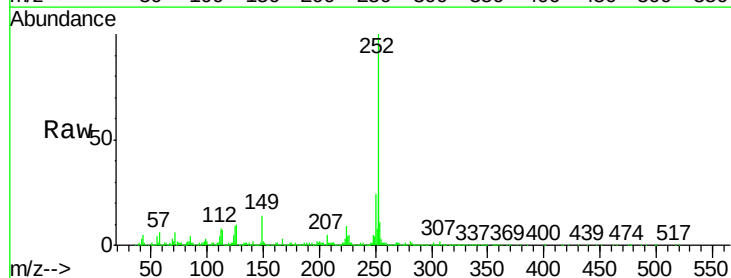
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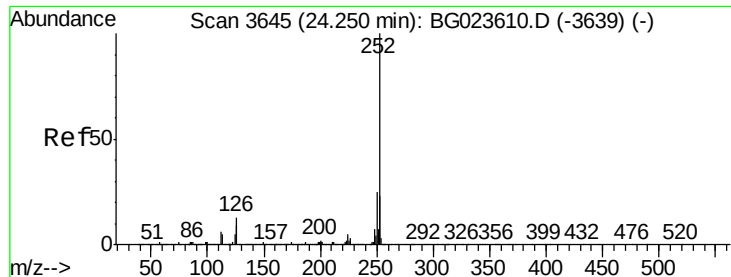
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#85
Benzo(b)fluoranthene
Concen: 15.03 ng/ul m
RT: 24.18 min Scan# 3633
Delta R.T. 0.00 min
Lab File: BG023613.D
Acq: 11 Aug 2016 4:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	948655		
253	25.2		18.2	27.2
125	9.0		10.8	16.2#





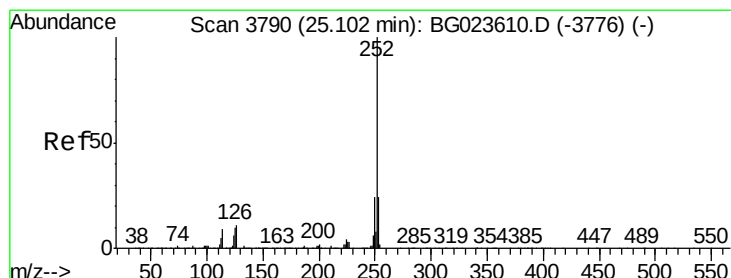
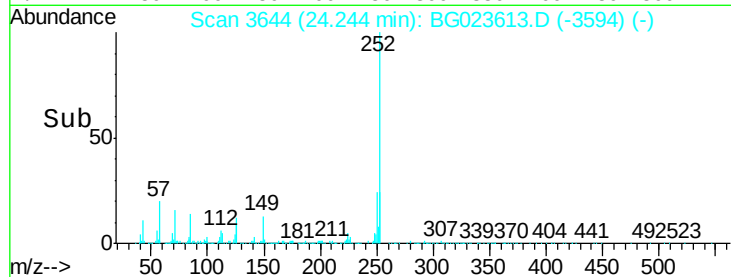
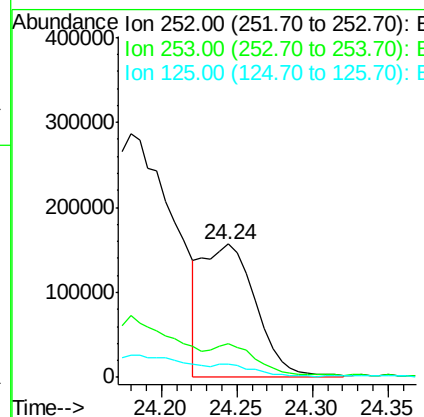
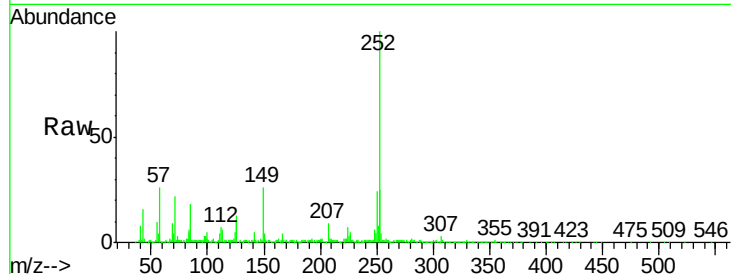
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Benzo(k)fluoranthene
Concen: 6.17 ng/ul m
RT: 24.24 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG023613.D
Acq: 11 Aug 2016 4:30

Instrument :
BNA_G
ClientSampleId :
P001-SS001-0612-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.0	15.8	23.6#
125	9.7	10.6	16.0#

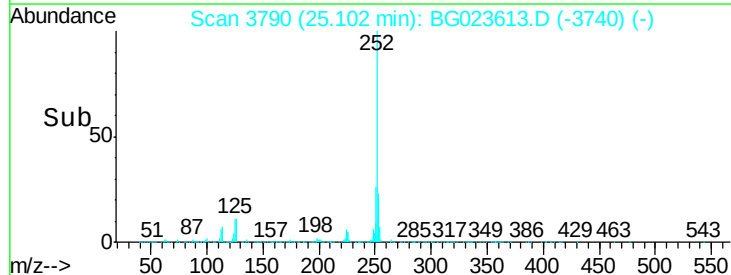
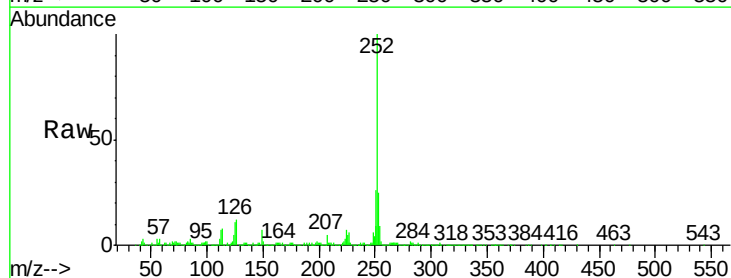
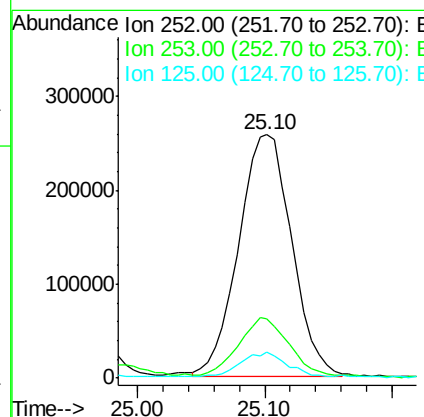
Manual Integrations
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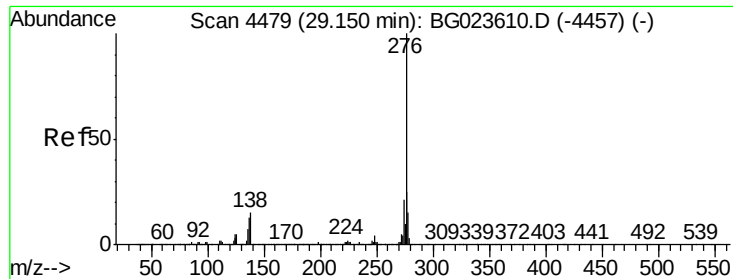
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#88
Benzo(a)pyrene
Concen: 12.30 ng/ul m
RT: 25.10 min Scan# 3790
Delta R.T. -0.00 min
Lab File: BG023613.D
Acq: 11 Aug 2016 4:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.6	19.0	28.4
125	10.9	12.0	18.0#





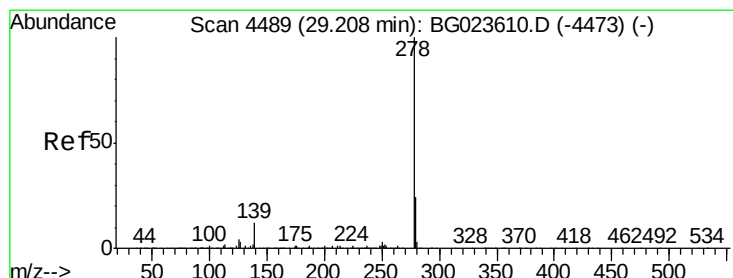
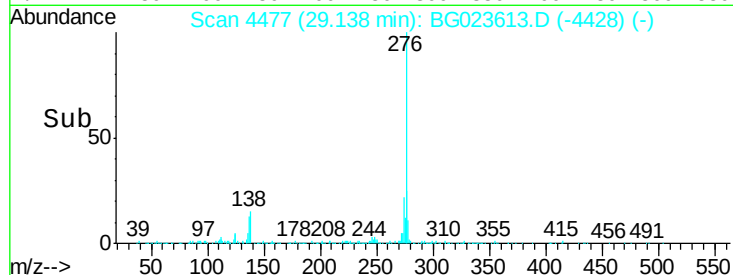
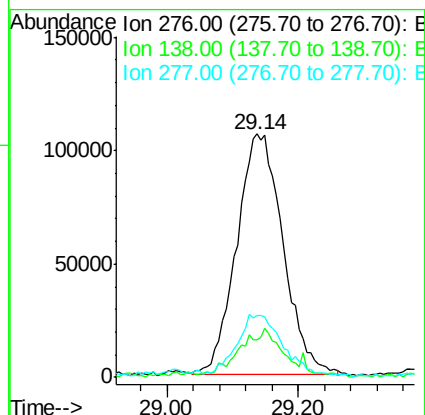
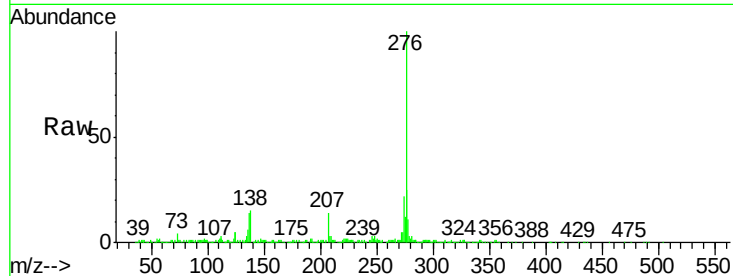
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 Indeno(1,2,3-cd)pyrene
 Concen: 7.27 ng/ul m
 RT: 29.14 min Scan# 4477
 Delta R.T. -0.01 min
 Lab File: BG023613.D
 Acq: 11 Aug 2016 4:30

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-0612-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	20.8	31.2#
277	25.3	17.6	26.4

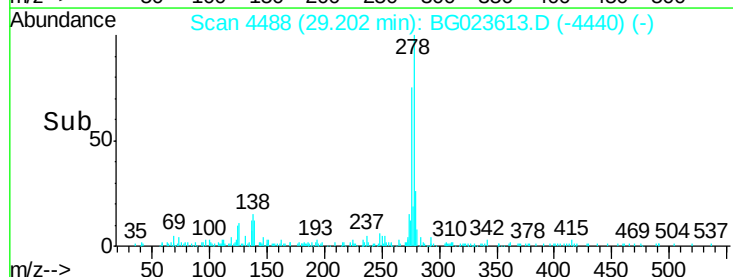
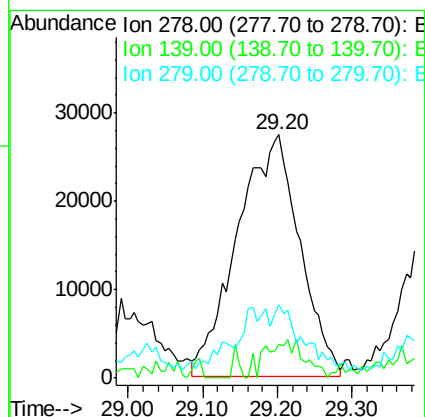
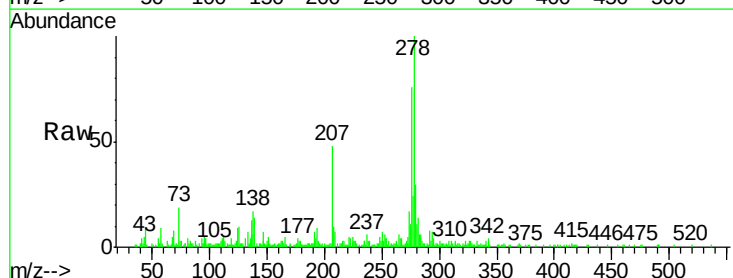
Manual Integrations
 APPROVED

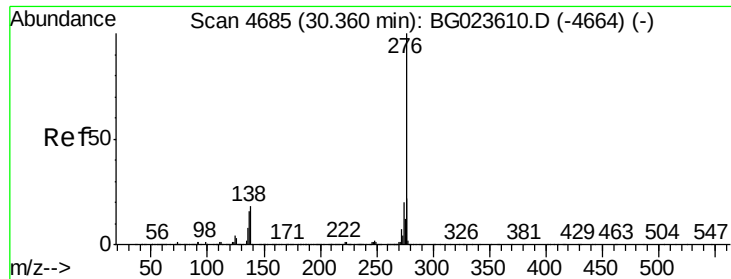
sohil
 8/11/2016 6:14:31 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 2.61 ng/ul m
 RT: 29.20 min Scan# 4488
 Delta R.T. -0.02 min
 Lab File: BG023613.D
 Acq: 11 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	16.3	24.5#
279	30.0	19.1	28.7#





#91

Benzo(g,h,i)perylene

Concen: 7.05 ng/ul m

RT: 30.37 min Scan# 4686

Delta R.T. -0.00 min

Lab File: BG023613.D

Acq: 11 Aug 2016 4:30

Instrument :

BNA_G

ClientSampleId :

P001-SS001-0612-01

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	16.6	22.1	33.1#	
277	25.0	17.0	25.4	

Manual Integrations
APPROVED

sohil
8/11/2016 6:14:31 PM

