

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023631.D
 Acq On : 11 Aug 2016 20:56
 Operator : UM/SJ
 Sample : H4360-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS001-0612-01

Manual Integrations
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Quant Time: Aug 12 14:01:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	145649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	619619	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	419189	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	977721	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1049179m	20.00	ng/ul	0.04
83) Perylene-d12	25.30	264	983181	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3142	0.92	ng/uL	0.00
5) Phenol-d5	7.29	99	135296	9.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	91335	9.72	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.65	132	95298	9.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	102606	8.96	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	49756	10.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	64175	11.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	107437	10.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	32332m	2.60	ng/ul	0.01
43) Dimethylphthalate-d6	14.19	166	359557	10.48	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	426440	11.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	204534	34.91	ng/ul	0.05
57) Fluorene-d10	15.79	176	325381	10.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	53125	8.47	ng/ul	0.00
70) Anthracene-d10	17.65	188	483315	10.97	ng/ul	0.00
76) Pyrene-d10	19.94	212	544121m	10.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	504811	11.34	ng/ul	0.01

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	151921	4.47	ng/ul#	97
47) Acenaphthylene	14.52	152	56195	1.39	ng/ul#	79
69) Phenanthrene	17.59	178	385011	7.60	ng/ul	99
73) Di-n-butylphthalate	18.48	149	383628	7.36	ng/ul#	91
74) Fluoranthene	19.62	202	553324	10.67	ng/ul#	92
77) Pyrene	19.98	202	825028	12.72	ng/ul#	93
80) Benzo(a)anthracene	21.89	228	394979m	6.68	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.75	149	1465519m	44.30	ng/ul	
82) Chrysene	21.97	228	449405	8.36	ng/ul	95
84) Di-n-octyl phthalate	23.01	149	77046	1.55	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	369273	6.60	ng/ul	98
88) Benzo(a)pyrene	25.13	252	324724	6.01	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.17	276	190281	3.00	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.23	278	74325m	1.37	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	188141	3.58	ng/ul#	89

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

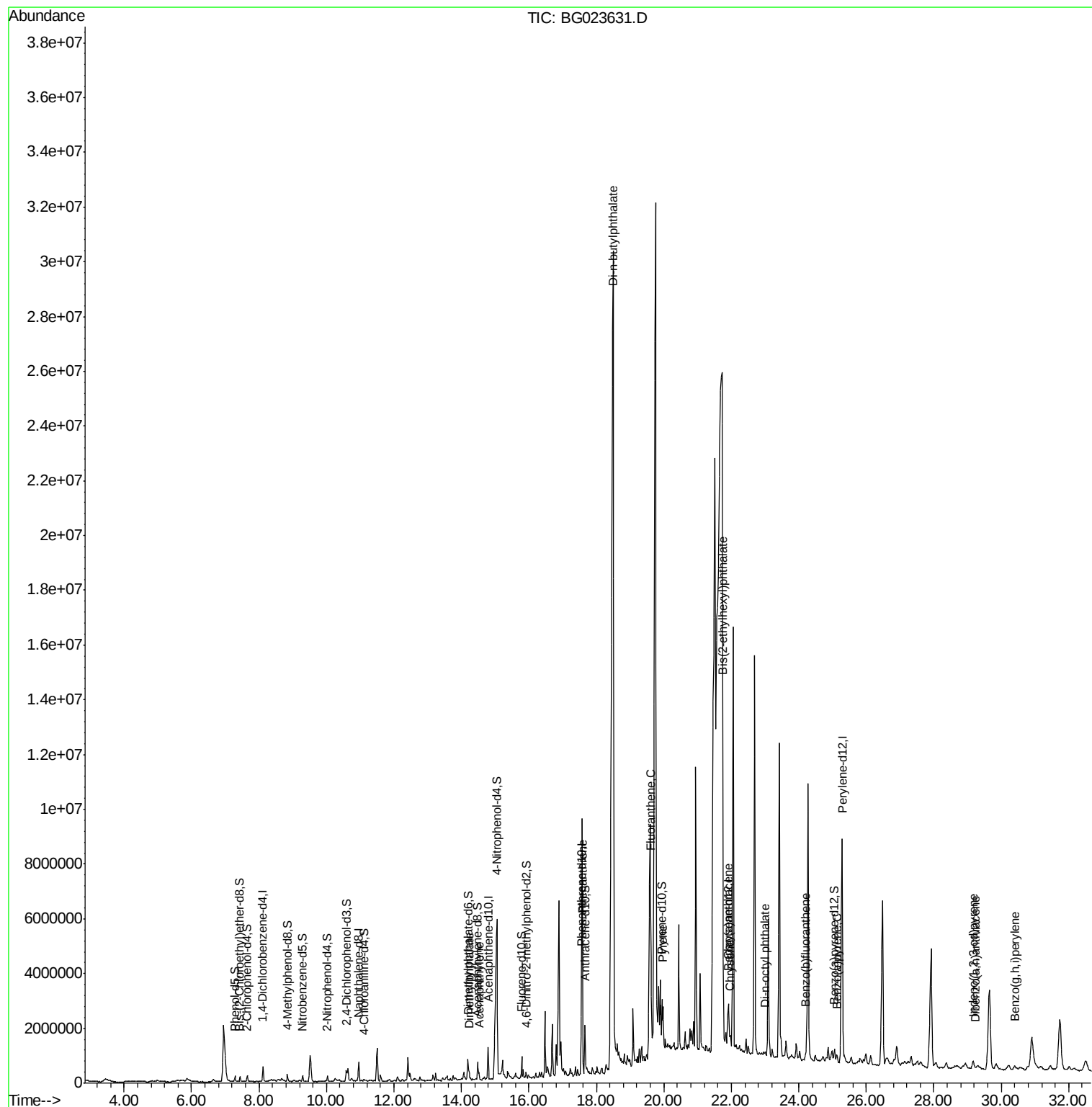
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Data File : BG023631.D
Acq On : 11 Aug 2016 20:56
Operator : UM/SJ
Sample : H4360-03 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

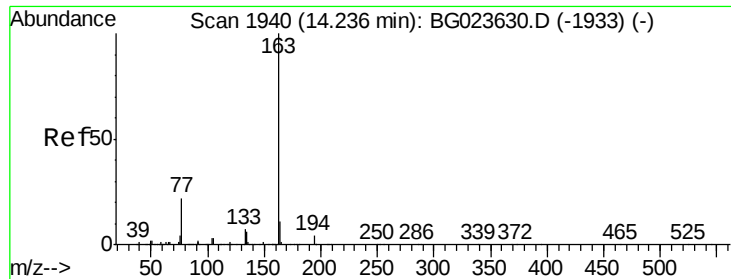
Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Manual Integrations
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Quant Time: Aug 12 14:01:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





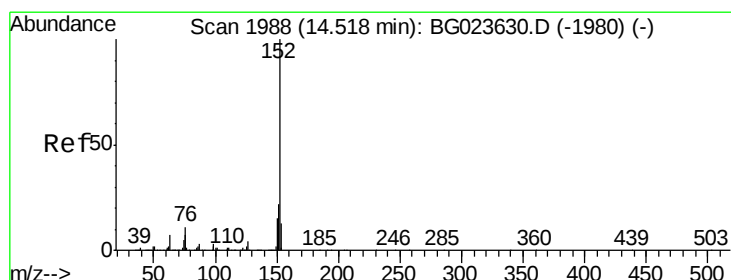
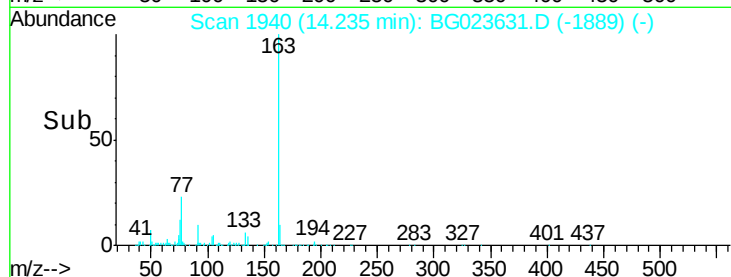
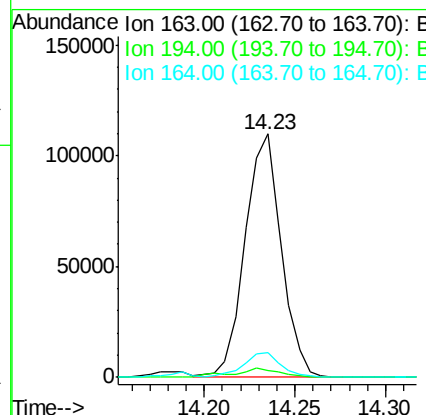
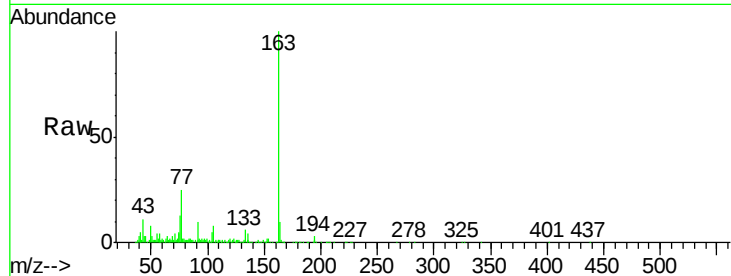
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Dimethylphthalate
Concen: 4.47 ng/ul
RT: 14.23 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	151921		
194	2.5	3.4	5.2#	
164	10.1	8.8	13.2	

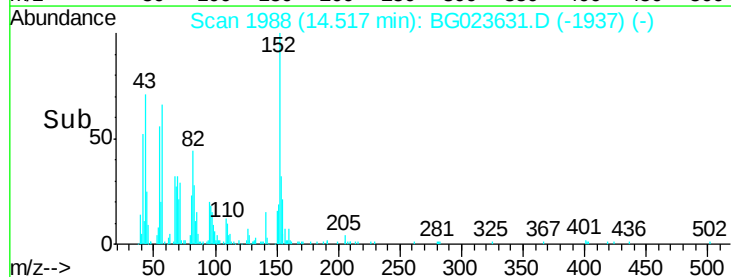
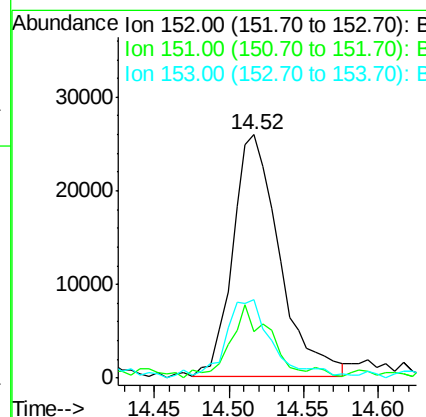
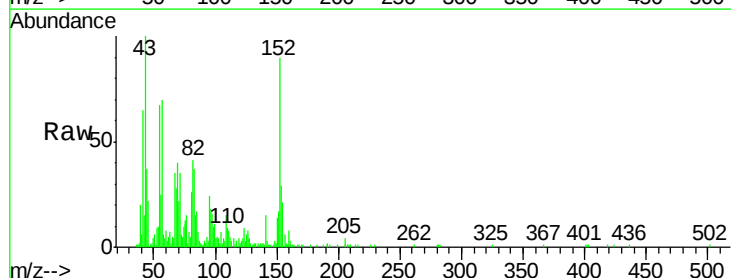
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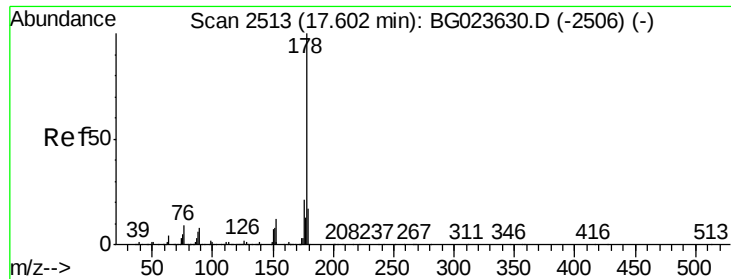
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#47
Acenaphthylene
Concen: 1.39 ng/ul
RT: 14.52 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	56195		
151	19.0	17.5	26.3	
153	32.4	11.1	16.7#	





#69

Phenanthrene

Concen: 7.60 ng/ul

RT: 17.59 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Instrument :

BNA_G

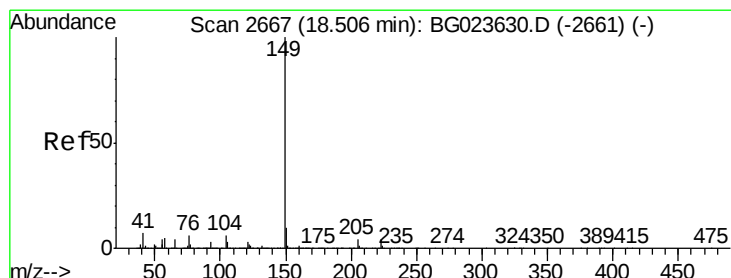
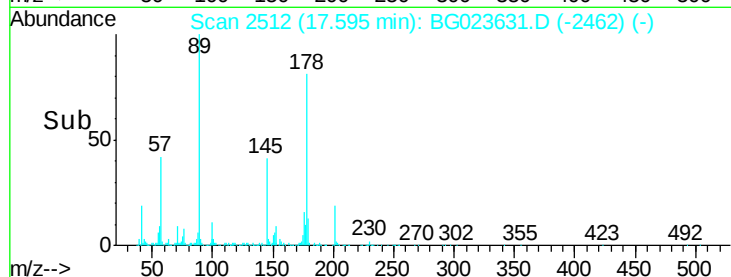
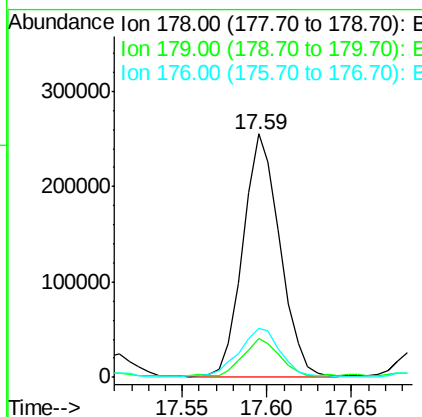
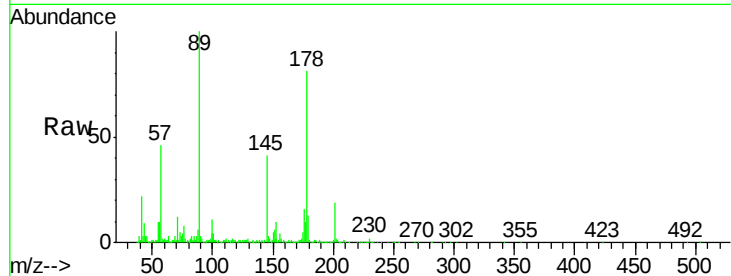
ClientSampleId :

PR001-SS001-0612-01

Tgt Ion:	178	Resp:	385011
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	20.1	15.8	23.8

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#73

Di-n-butylphthalate

Concen: 7.36 ng/ul

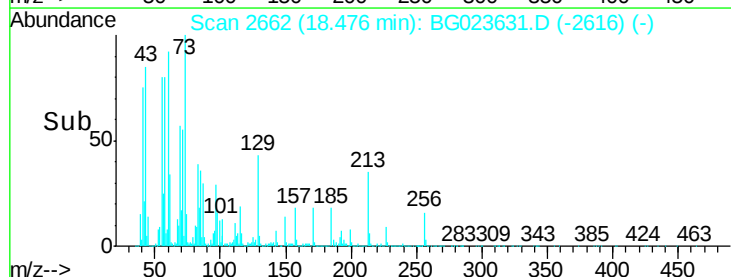
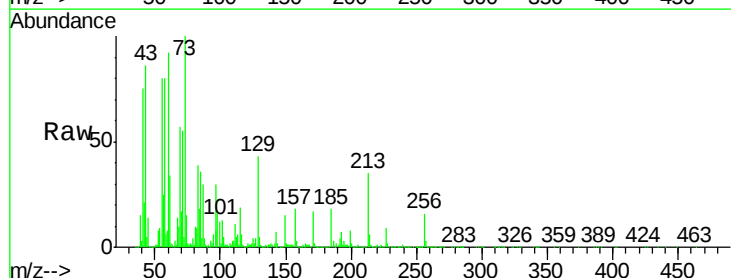
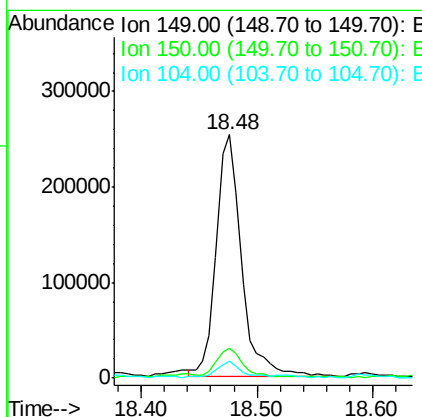
RT: 18.48 min Scan# 2662

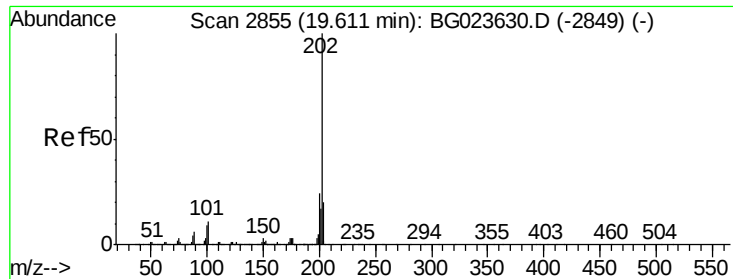
Delta R.T. -0.03 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Tgt Ion:	149	Resp:	383628
Ion Ratio	Lower	Upper	
149	100		
150	12.1	7.1	10.7#
104	6.8	3.3	4.9#





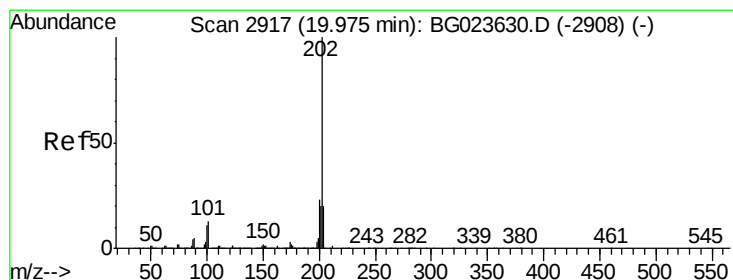
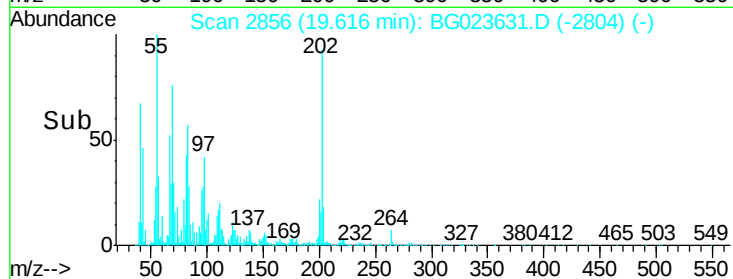
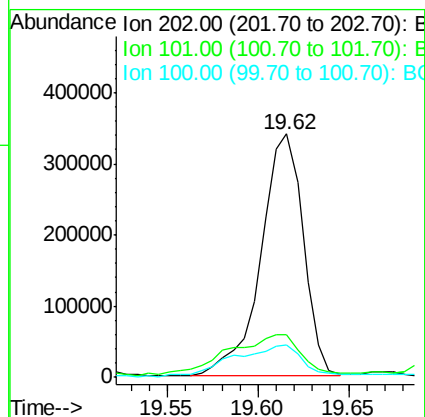
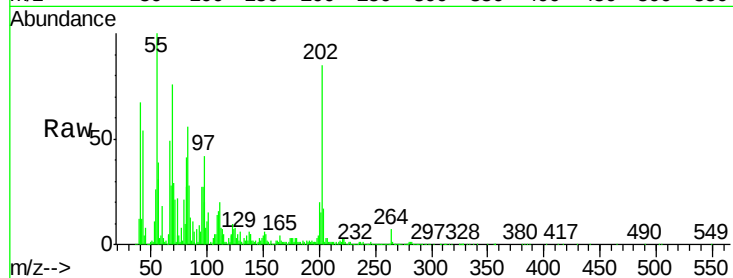
#74
Fluoranthene
Concen: 10.67 ng/ul
RT: 19.62 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	553324		
101	17.3	10.6	16.0#	
100	13.1	8.7	13.1#	

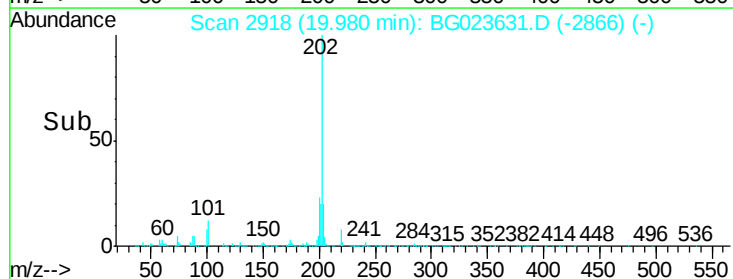
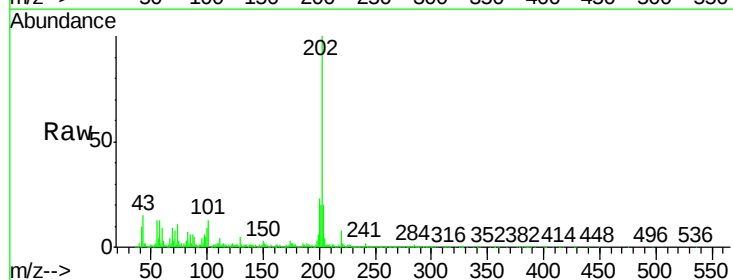
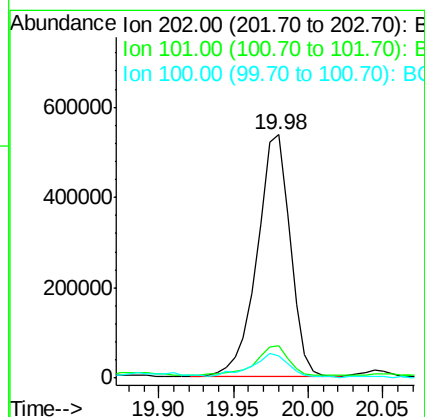
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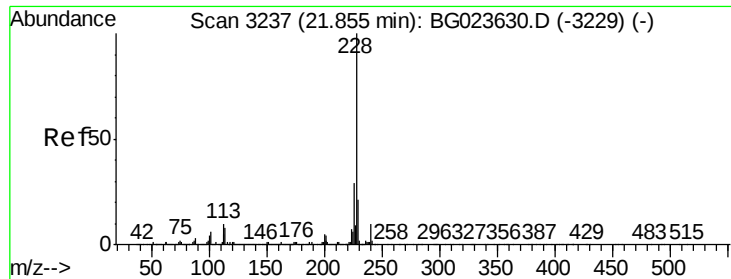
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#77
Pyrene
Concen: 12.72 ng/ul
RT: 19.98 min Scan# 2918
Delta R.T. 0.00 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	825028		
101	13.2	12.5	18.7	
100	9.0	10.2	15.4#	





#80

Benzo(a)anthracene

Concen: 6.68 ng/ul m

RT: 21.89 min Scan# 3243

Delta R.T. 0.03 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Instrument :

BNA_G

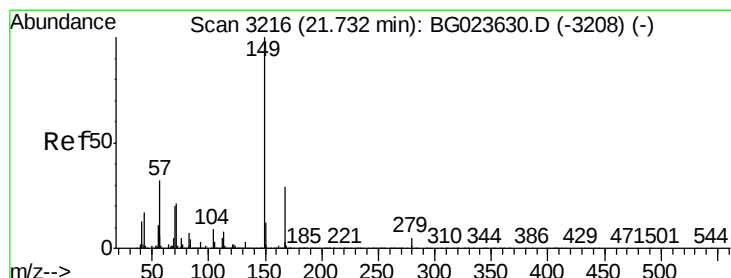
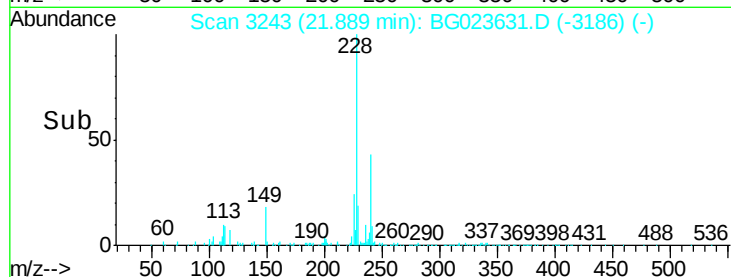
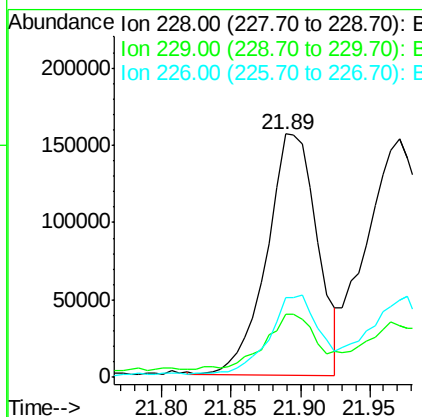
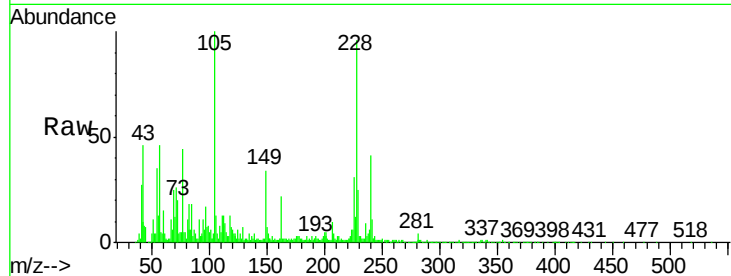
ClientSampleId :

PR001-SS001-0612-01

Tgt Ion:	228	Resp:	394979
Ion Ratio	Lower	Upper	
228	100		
229	26.0	15.4	23.2#
226	32.5	22.8	34.2

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#81

Bis(2-ethylhexyl)phthalate

Concen: 44.30 ng/ul m

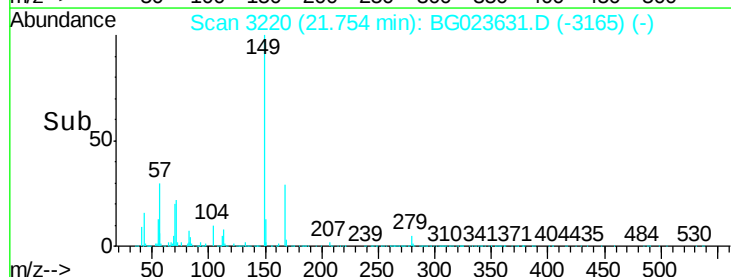
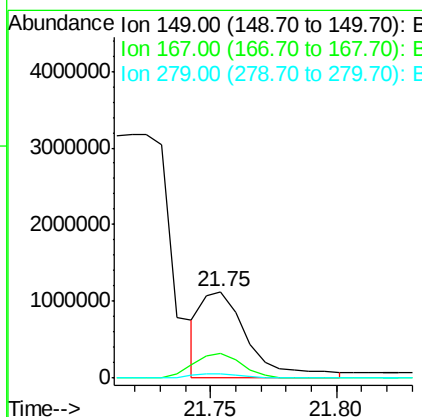
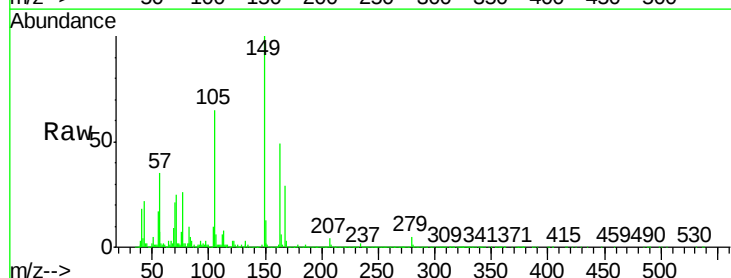
RT: 21.75 min Scan# 3220

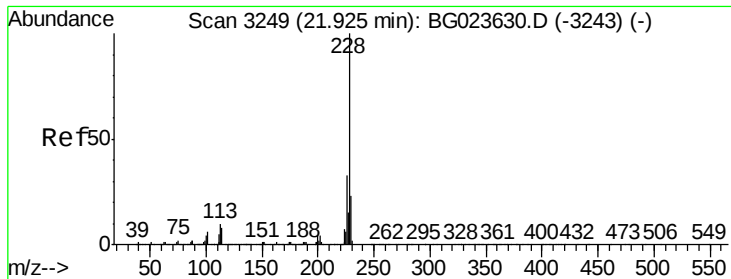
Delta R.T. 0.02 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Tgt Ion:	149	Resp:	1465519
Ion Ratio	Lower	Upper	
149	100		
167	29.2	21.9	32.9
279	5.1	2.9	4.3#





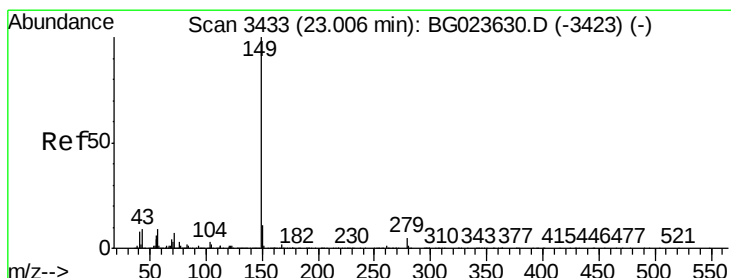
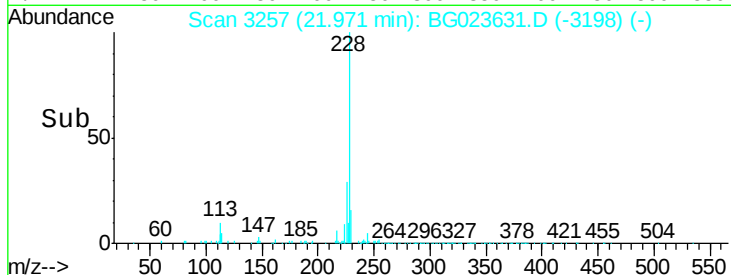
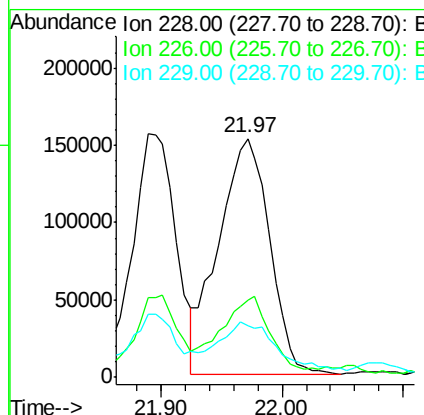
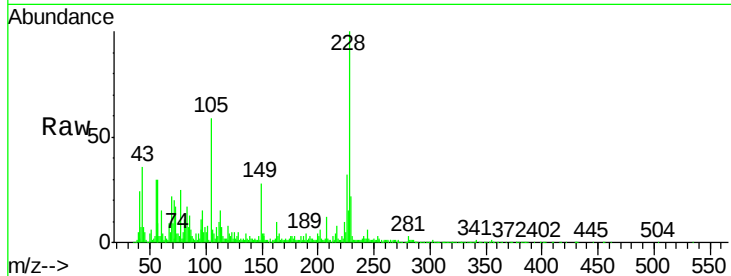
#82
Chrysene
Concen: 8.36 ng/ul
RT: 21.97 min Scan# 3257
Delta R.T. 0.05 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.4
229	21.9	15.0	22.6

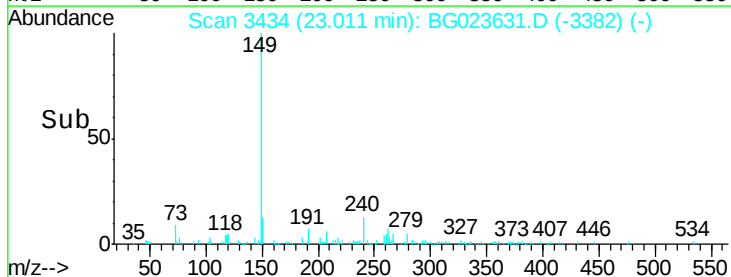
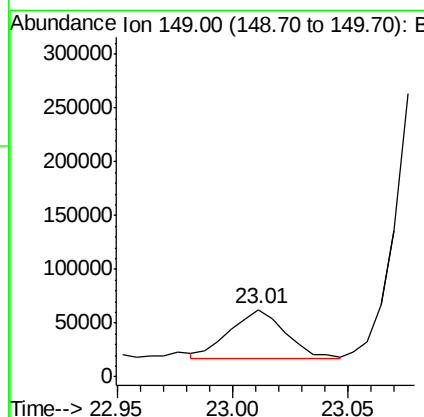
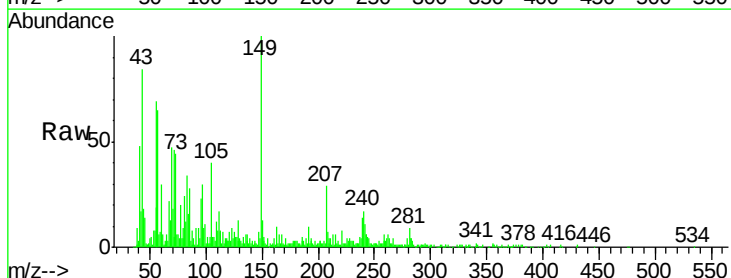
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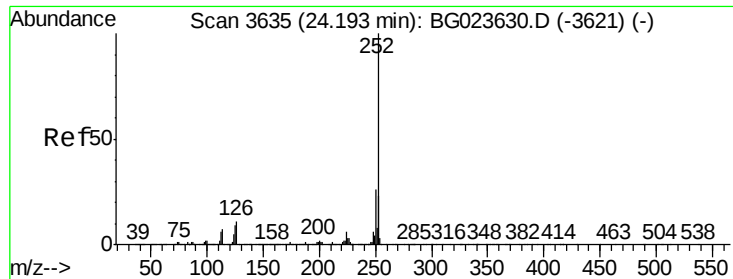
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#84
Di-n-octyl phthalate
Concen: 1.55 ng/ul
RT: 23.01 min Scan# 3434
Delta R.T. 0.00 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Tgt Ion:149 Resp: 77046





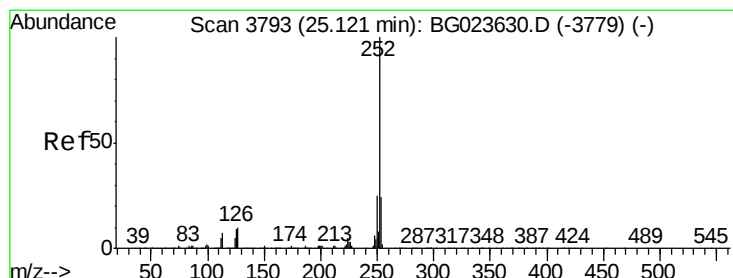
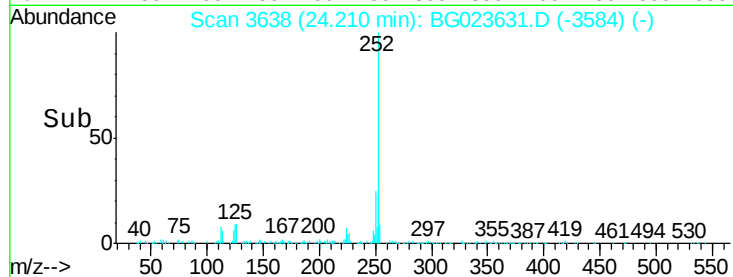
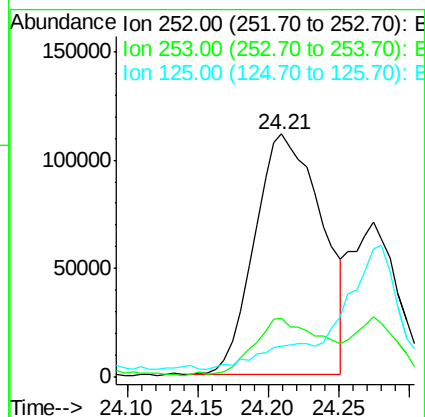
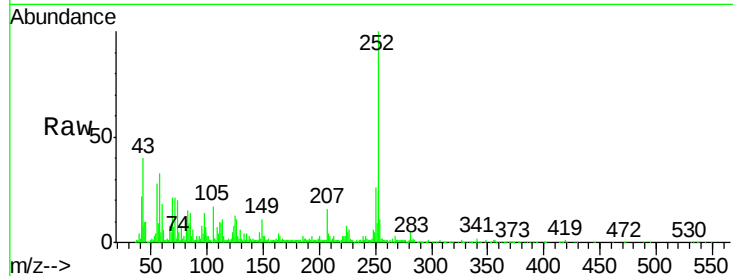
#85
Benzo(b)fluoranthene
Concen: 6.60 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. 0.02 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.3	18.2	27.2
125	13.0	10.8	16.2

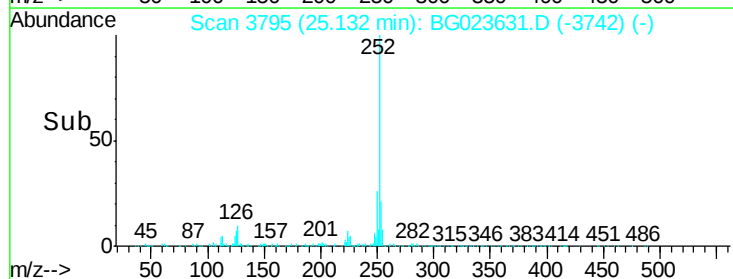
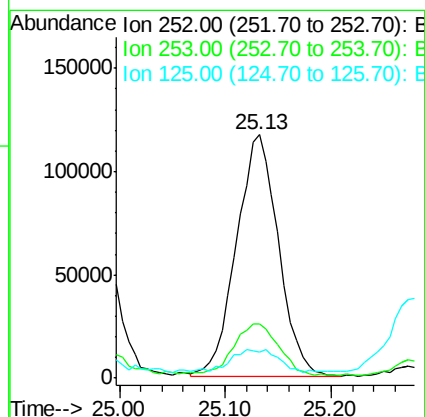
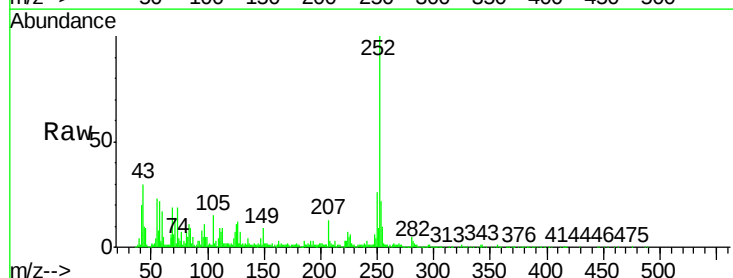
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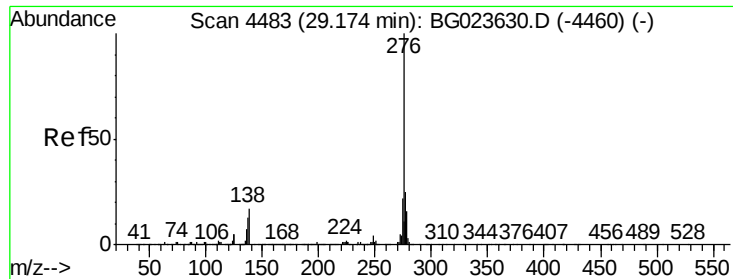
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#88
Benzo(a)pyrene
Concen: 6.01 ng/ul
RT: 25.13 min Scan# 3795
Delta R.T. 0.01 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	19.0	28.4
125	10.9	12.0	18.0#





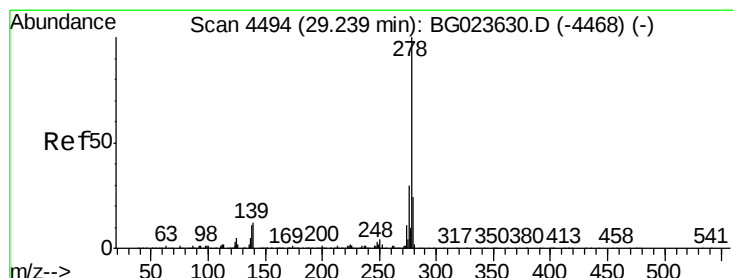
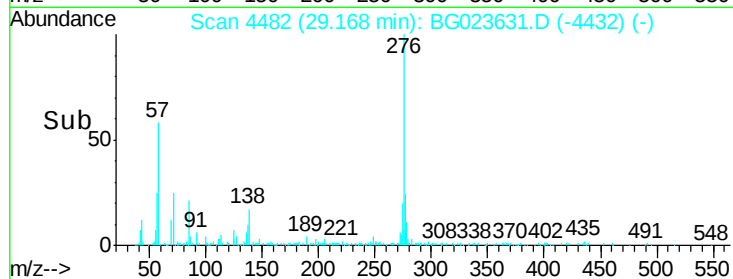
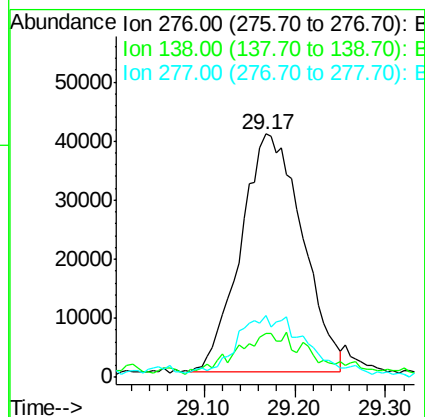
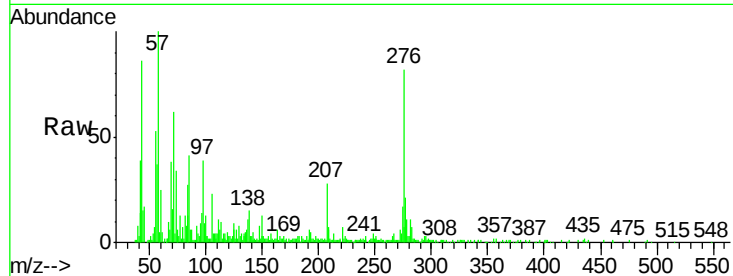
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.00 ng/ul
RT: 29.17 min Scan# 4482
Delta R.T. -0.01 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Instrument :
BNA_G
ClientSampleId :
PR001-SS001-0612-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	20.8	31.2#
277	25.4	17.6	26.4

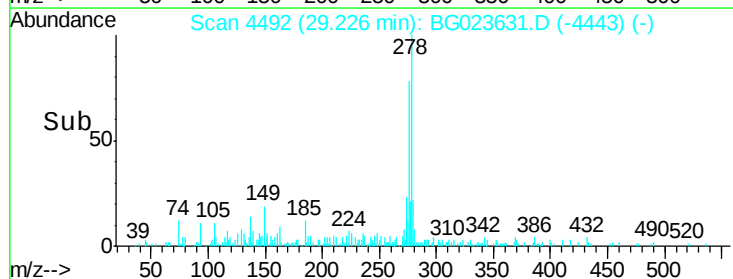
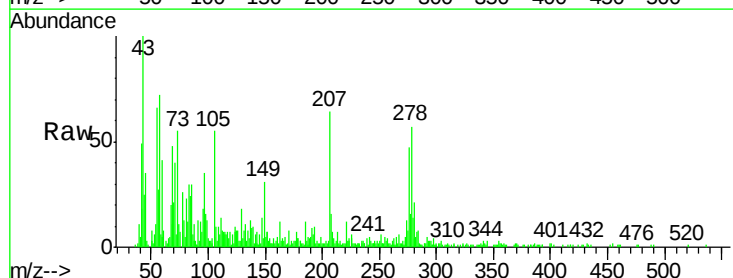
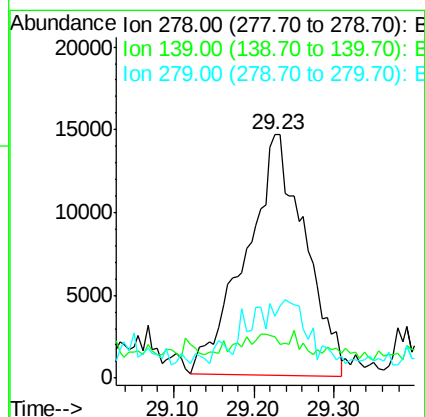
Manual Integrations
APPROVED

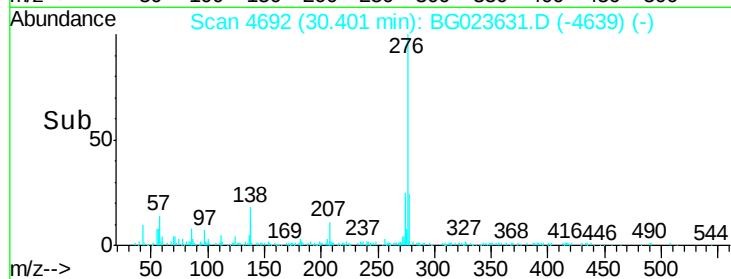
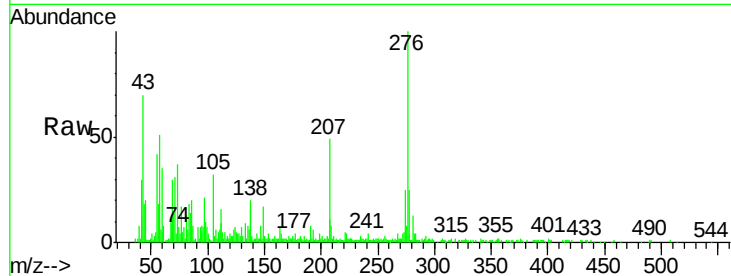
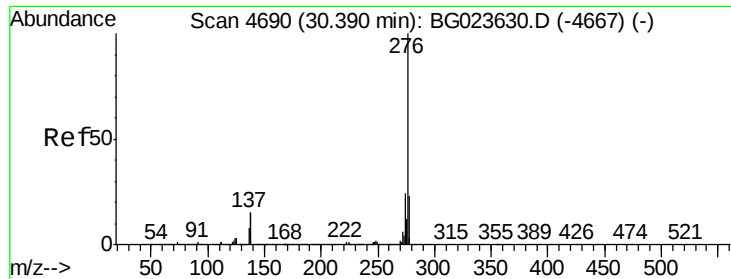
sohil
8/12/2016 5:57:09 PM



#90
Dibenzo(a,h)anthracene
Concen: 1.37 ng/ul m
RT: 29.23 min Scan# 4492
Delta R.T. -0.01 min
Lab File: BG023631.D
Acq: 11 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	16.3	24.5
279	25.2	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 3.58 ng/ul

RT: 30.40 min Scan# 4692

Delta R.T. 0.01 min

Lab File: BG023631.D

Acq: 11 Aug 2016 20:56

Instrument :

BNA_G

ClientSampleId :

PR001-SS001-0612-01

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	20.3	22.1	33.1#	
277	24.8	17.0	25.4	

Manual Integrations
APPROVED

sohil
8/12/2016 5:57:09 PM

