

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030816.D
 Acq On : 7 Nov 2017 20:25
 Operator : SJ/JU
 Sample : I6004-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0DY8

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:29:48 PM

Quant Time: Nov 08 01:47:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:10:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	76255	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	384370	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	254591	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	585943	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	594560	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	609887	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	6134	3.27	ng/uL	0.00
5) Phenol-d5	7.31	99	129183	17.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	80757	17.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	106638	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	84500	14.29	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	59190	21.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	71071	25.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	124793	19.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	74827	10.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	422286	19.40	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	523895	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	53057	13.20	ng/ul	0.00
57) Fluorene-d10	15.76	176	381773	21.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	60371	21.11	ng/ul	0.00
70) Anthracene-d10	17.61	188	551122	19.89	ng/ul	0.00
76) Pyrene-d10	19.88	212	642813	20.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	605513	20.96	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.34	94	38421	5.073	ng/ul#	88
44) Dimethylphthalate	14.21	163	181867	8.567	ng/ul	99
69) Phenanthrene	17.55	178	217224	6.858	ng/ul	97
71) Anthracene	17.64	178	41541	1.271	ng/ul	97
74) Fluoranthene	19.55	202	556459	15.719	ng/ul	99
77) Pyrene	19.91	202	492943	12.371	ng/ul	99
80) Benzo(a)anthracene	21.76	228	340791	9.146	ng/ul	97
82) Chrysene	21.83	228	334029	9.866	ng/ul	96
85) Benzo(b)fluoranthene	24.04	252	412714	11.272	ng/ul	97
86) Benzo(k)fluoranthene	24.10	252	149195m	4.215	ng/ul	
88) Benzo(a)pyrene	24.93	252	284069	7.971	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.88	276	192220	4.767	ng/ul	99
90) Dibenzo(a,h)anthracene	28.92	278	57660	1.721	ng/ul	96
91) Benzo(g,h,i)perylene	30.06	276	150880	4.514	ng/ul	99

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

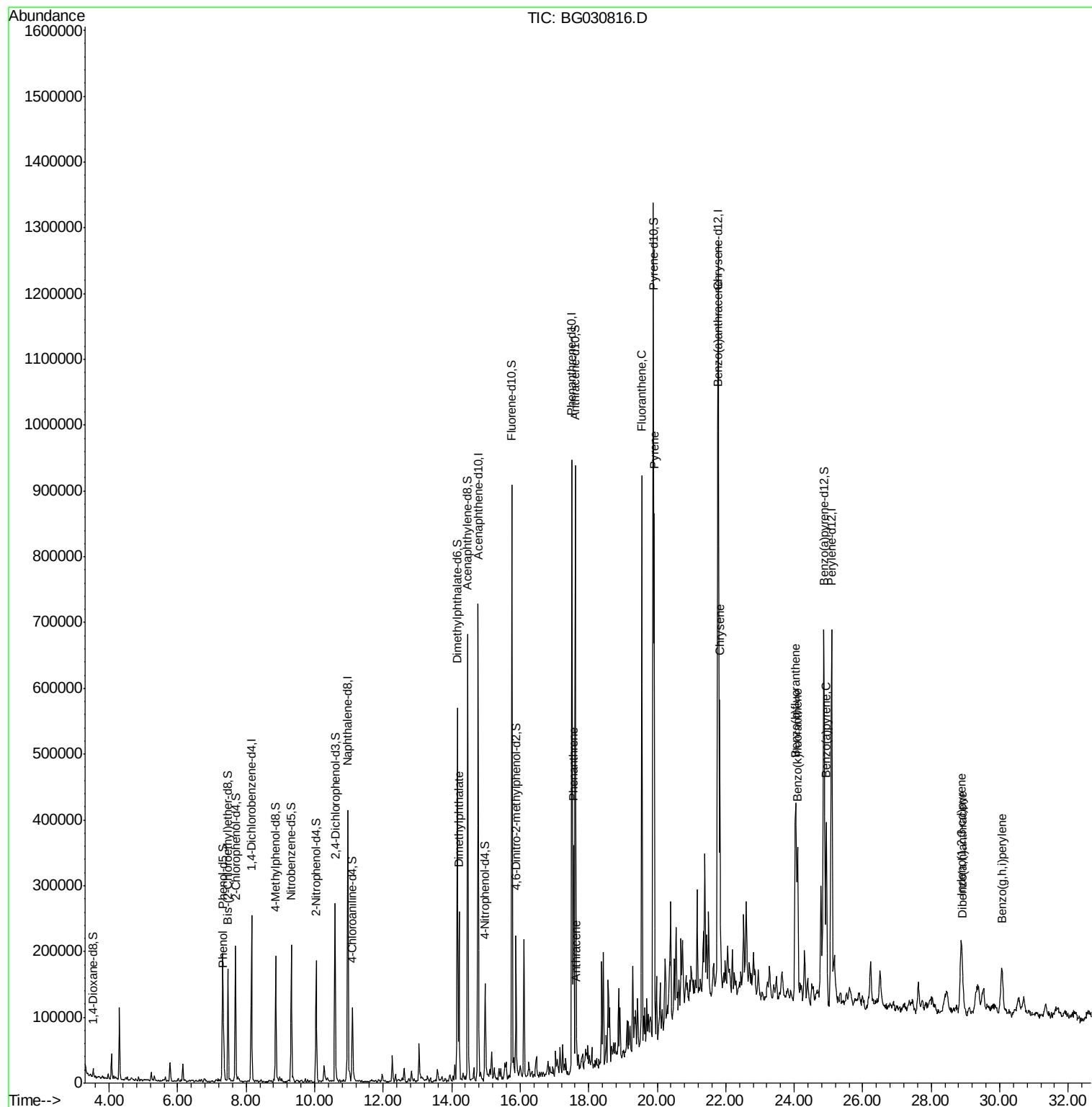
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030816.D
Acq On : 7 Nov 2017 20:25
Operator : SJ/JU
Sample : I6004-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

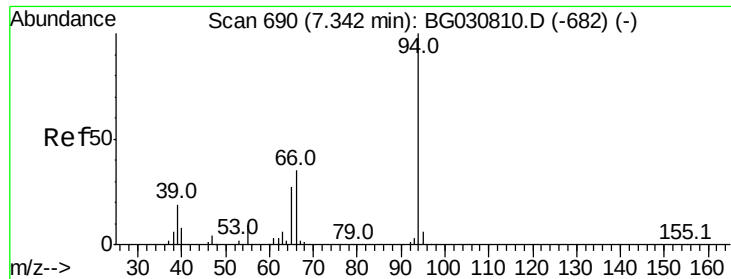
Instrument :
BNA_G
ClientSampled :
B0DY8

Manual Integrations
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11/8/2017 5:29:48 PM

Quant Time: Nov 08 01:47:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:10:22 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.073 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Instrument :

BNA_G

ClientSampled :

B0DY8

Tot Ion: 94 Resp: 38421

Ion Ratio Lower Upper

94 100

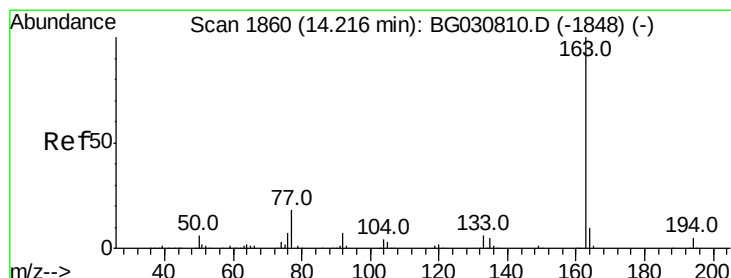
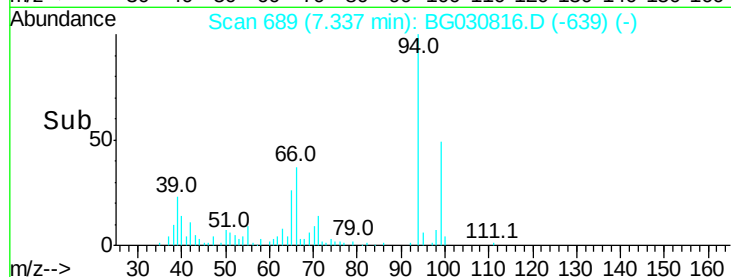
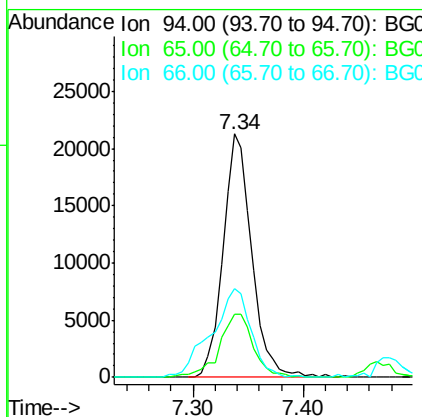
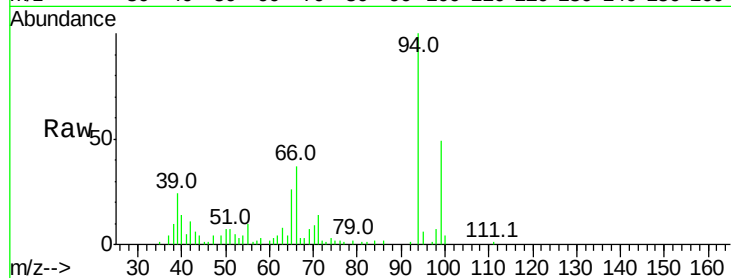
65 25.8 27.1 40.7#

66 36.6 34.6 52.0

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#44

Dimethylphthalate

Concen: 8.567 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

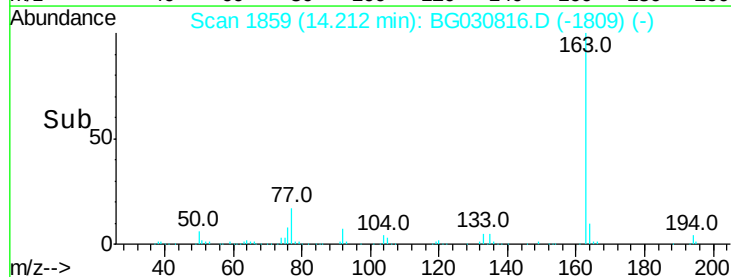
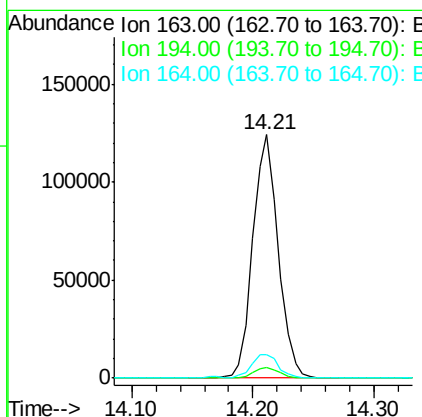
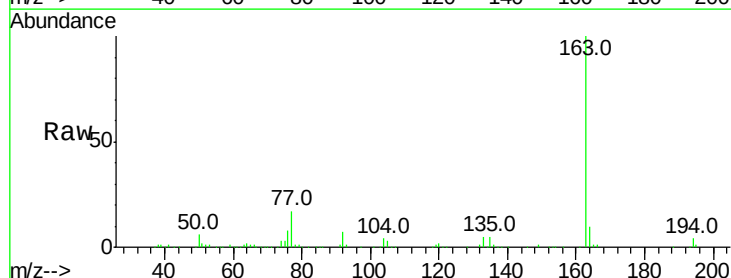
Tgt Ion:163 Resp: 181867

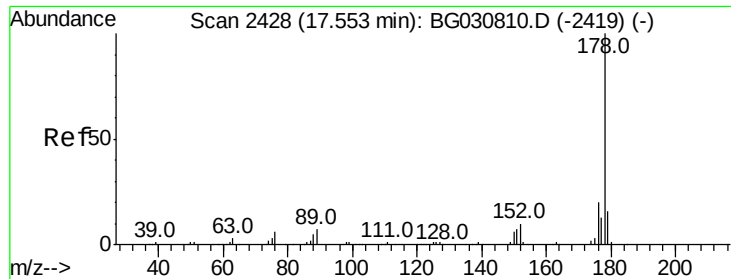
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 9.9 7.6 11.4





#69

Phenanthrene

Concen: 6.858 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Instrument :

BNA_G

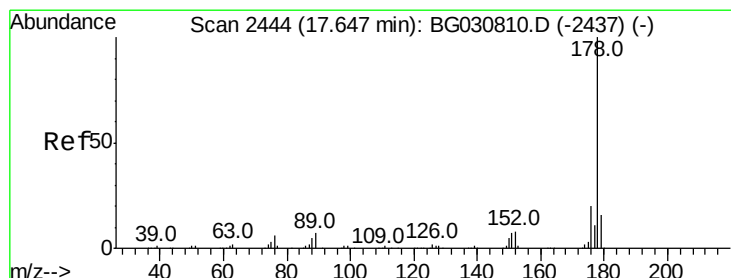
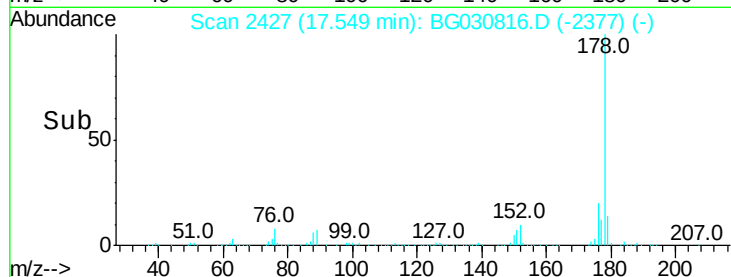
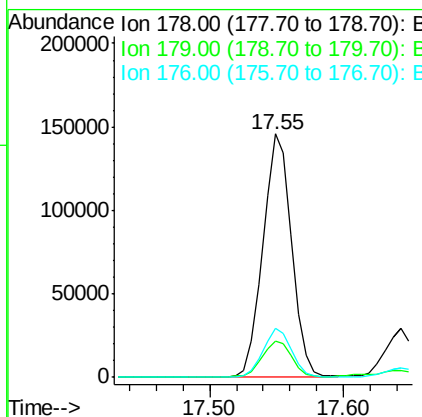
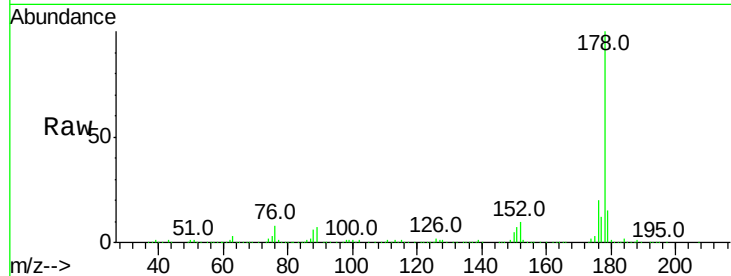
ClientSampleId :

B0DY8

Tot Ion:	178	Resp:	217224
Ion Ratio	Lower	Upper	
178	100		
179	14.7	13.0	19.6
176	19.9	15.3	22.9

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#71

Anthracene

Concen: 1.271 ng/ul

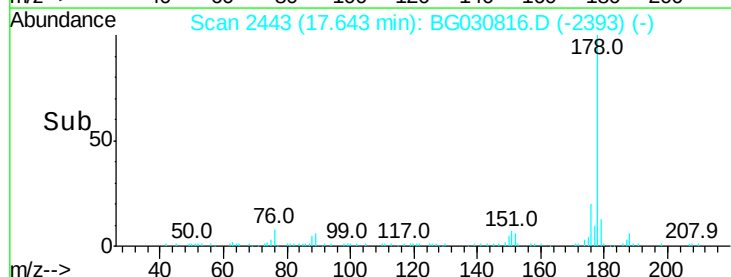
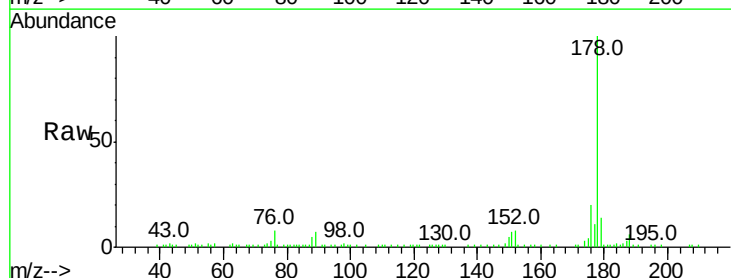
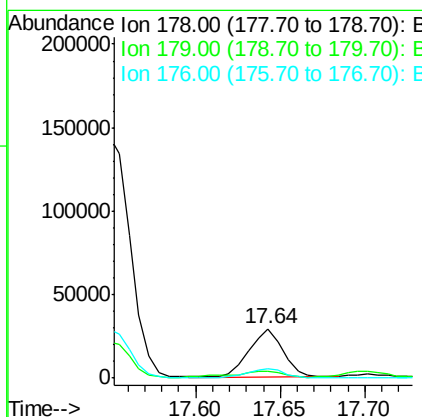
RT: 17.64 min Scan# 2443

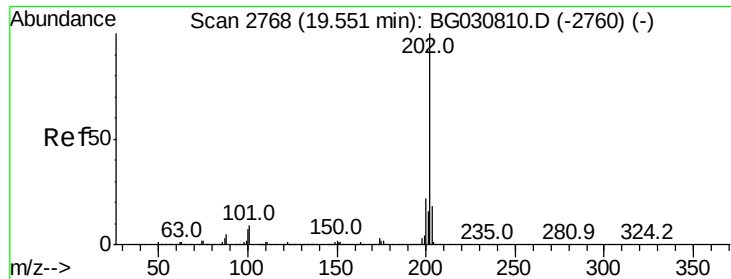
Delta R.T. -0.00 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Tgt Ion:	178	Resp:	41541
Ion Ratio	Lower	Upper	
178	100		
179	13.6	13.2	19.8
176	20.2	16.0	24.0





#74

Fluoranthene

Concen: 15.719 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Instrument :

BNA_G

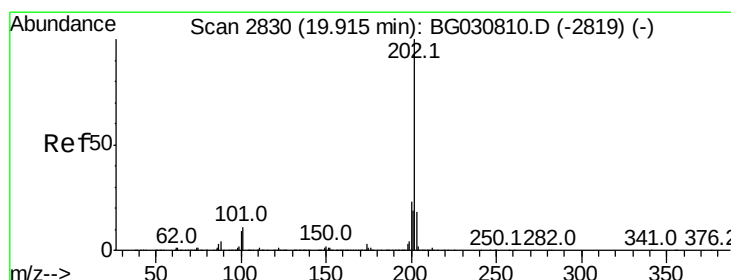
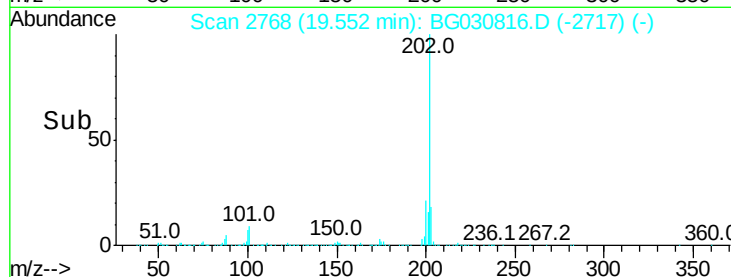
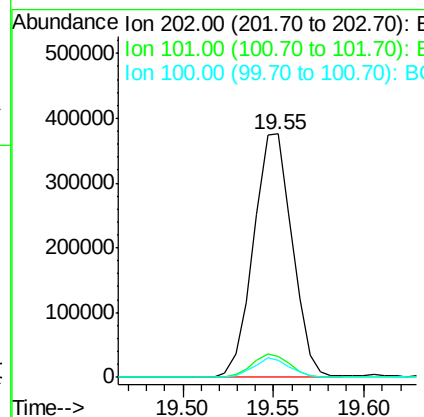
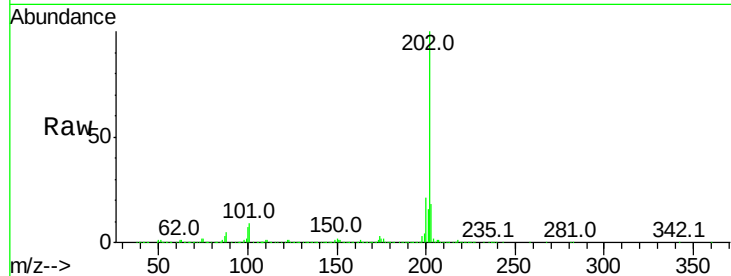
ClientSampled :

BODY8

Tot Ion:	202	Resp:	556459
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.4	11.2
100	7.2	5.6	8.4

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#77

Pyrene

Concen: 12.371 ng/ul

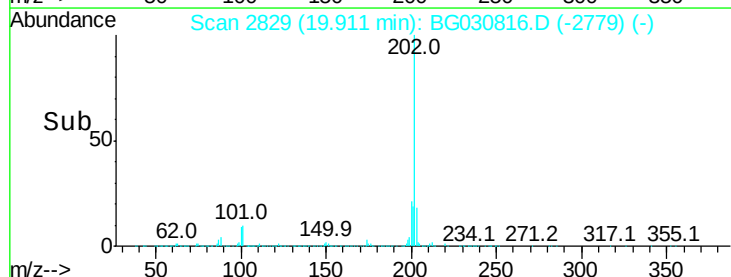
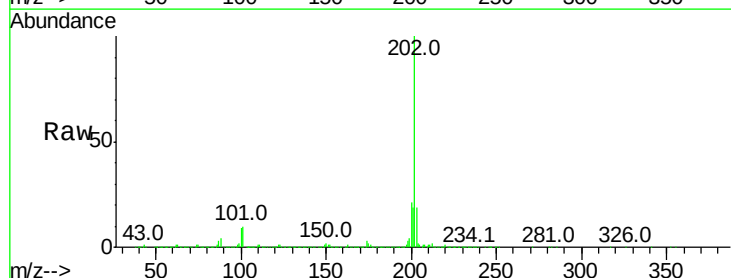
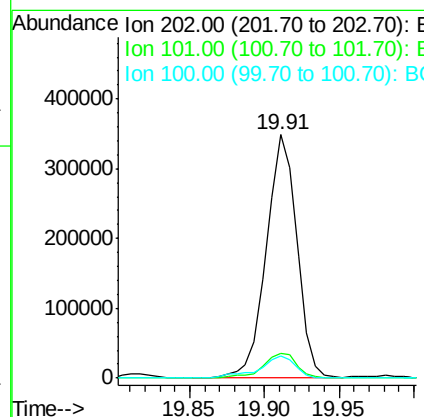
RT: 19.91 min Scan# 2829

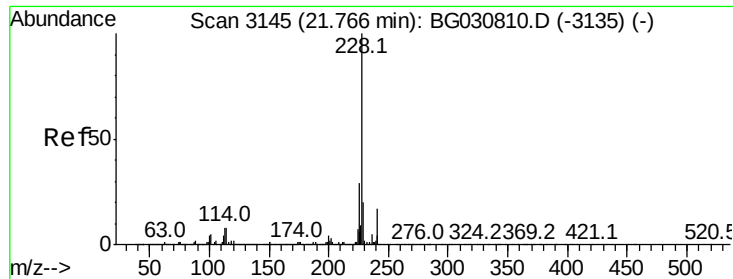
Delta R.T. -0.00 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Tgt Ion:	202	Resp:	492943
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.4	12.6
100	9.1	7.0	10.6





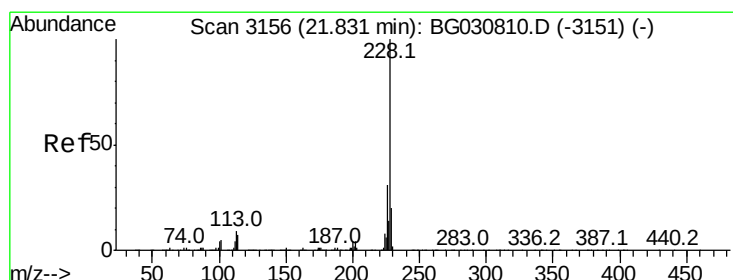
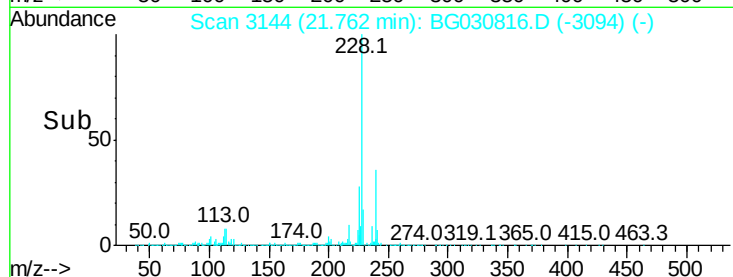
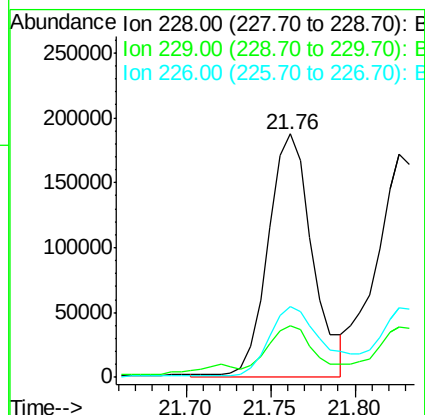
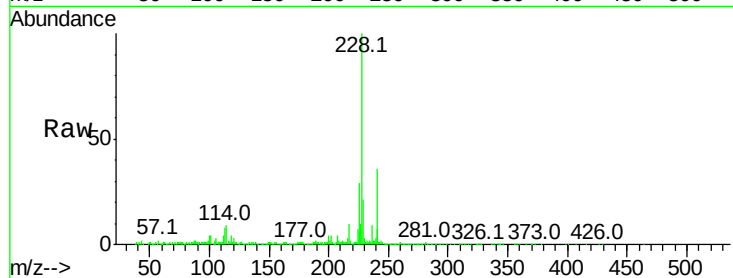
#80
Benzo(a)anthracene
Concen: 9.146 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG030816.D
Acq: 7 Nov 2017 20:25

Instrument :
BNA_G
ClientSampled :
BODY8

Tot Ion:	228	Resp:	340791
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.2	24.4
226	29.2	22.2	33.2

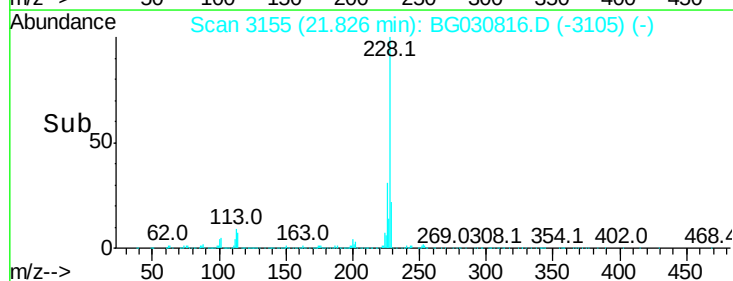
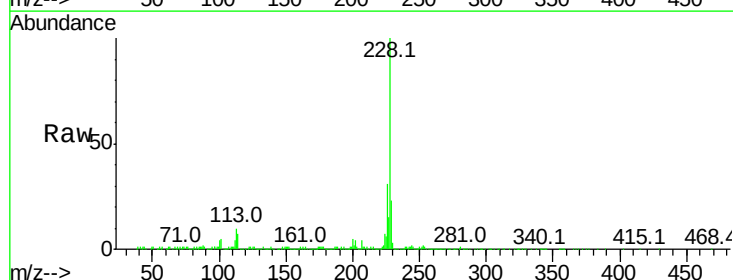
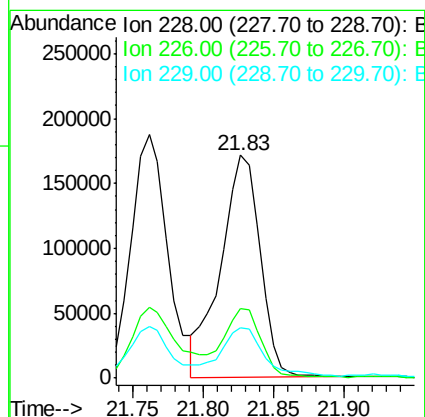
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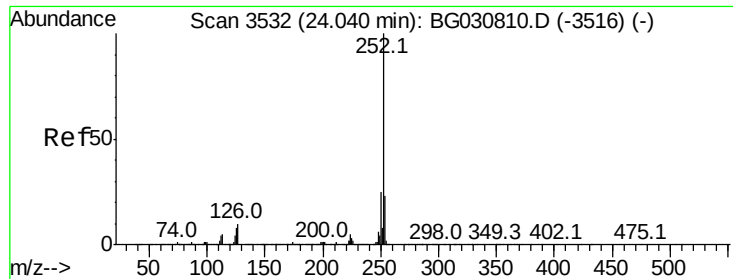
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#82
Chrysene
Concen: 9.866 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG030816.D
Acq: 7 Nov 2017 20:25

Tgt Ion:	228	Resp:	334029
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.2	36.2
229	22.5	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 11.272 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. 0.00 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Instrument :

BNA_G

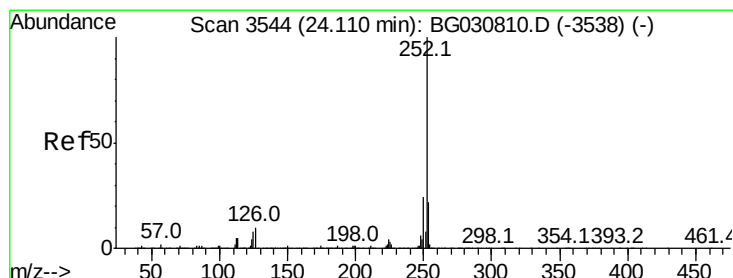
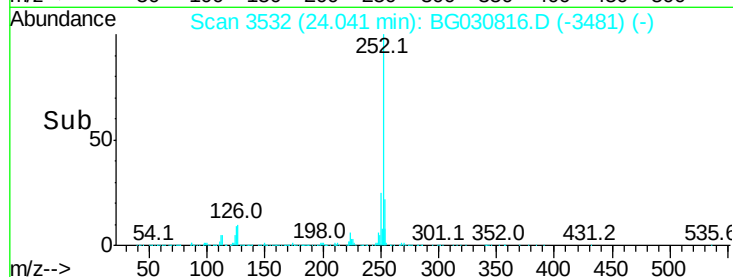
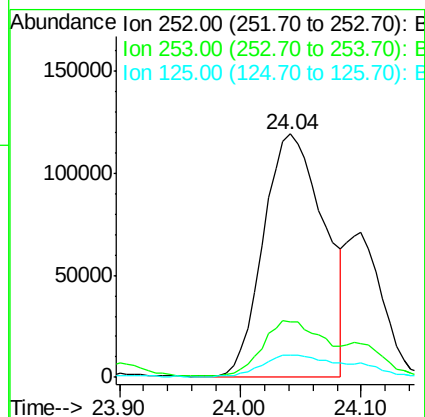
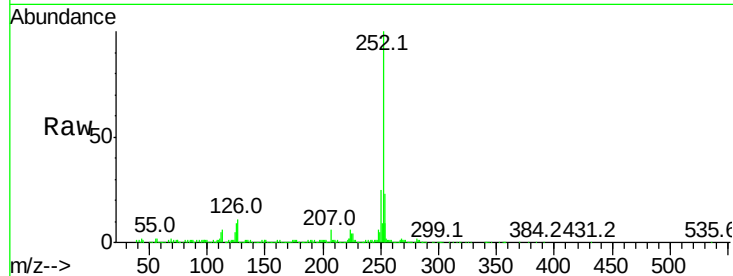
ClientSampleId :

B0DY8

Tot Ion:	252	Resp:	412714
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.4
125	9.2	7.5	11.3

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 4.215 ng/ul m

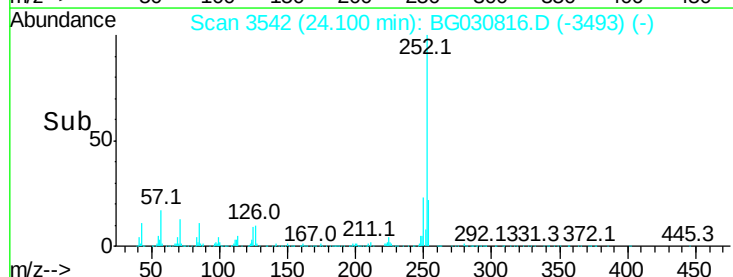
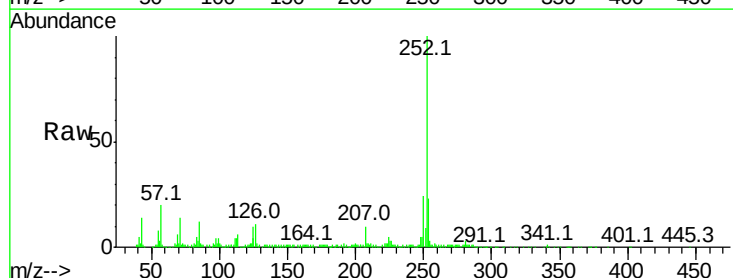
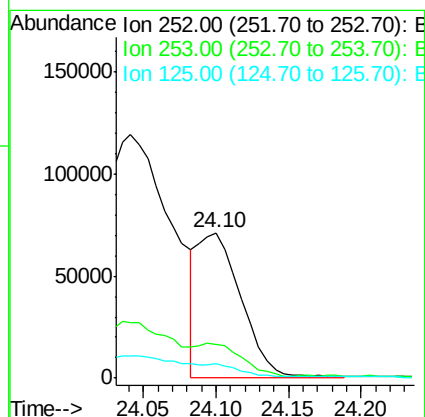
RT: 24.10 min Scan# 3542

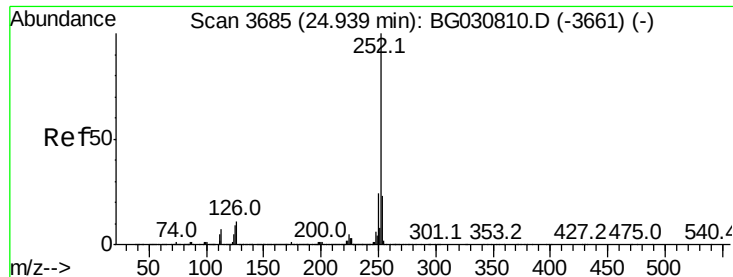
Delta R.T. -0.01 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Tgt Ion:	252	Resp:	149195
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	10.1	7.8	11.8





#88

Benzo(a)pyrene

Concen: 7.971 ng/ul

RT: 24.93 min Scan# 3684

Delta R.T. -0.00 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Instrument :

BNA_G

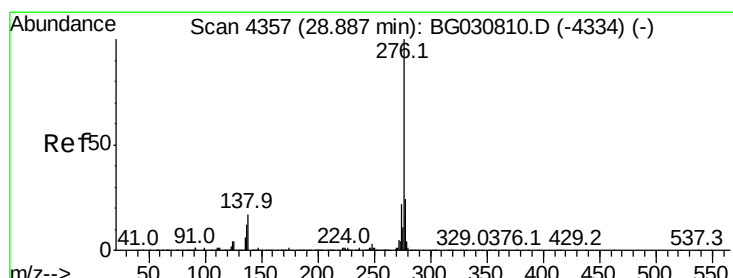
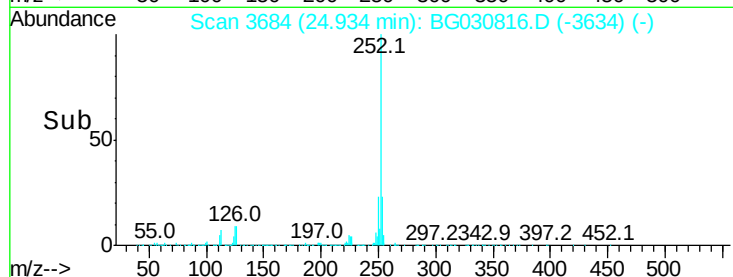
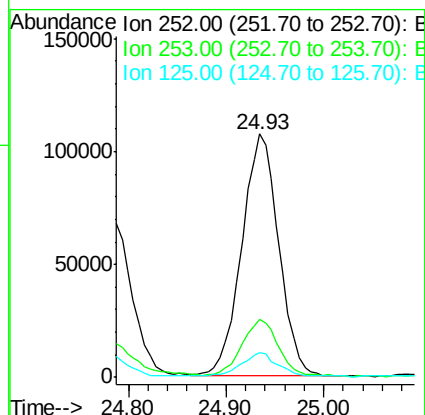
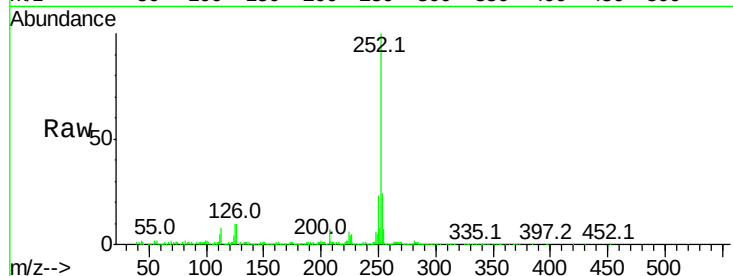
ClientSampled :

B0DY8

Tot Ion:	252	Resp:	284069
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.1	25.7
125	10.1	7.8	11.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.767 ng/ul

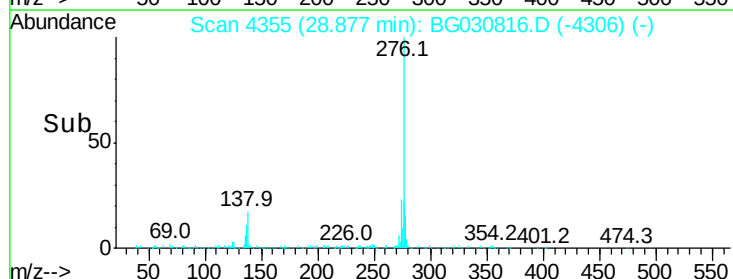
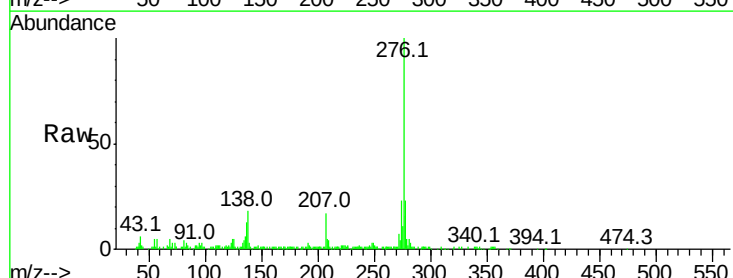
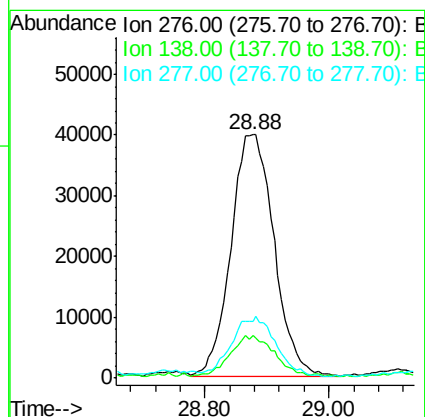
RT: 28.88 min Scan# 4355

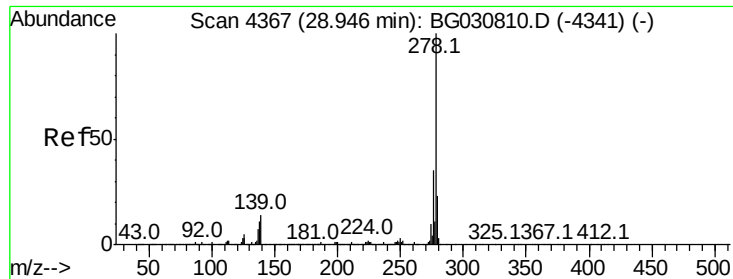
Delta R.T. -0.01 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Tgt Ion:	276	Resp:	192220
Ion Ratio	Lower	Upper	
276	100		
138	17.7	13.4	20.0
277	23.4	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 1.721 ng/ul

RT: 28.92 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Instrument :

BNA_G

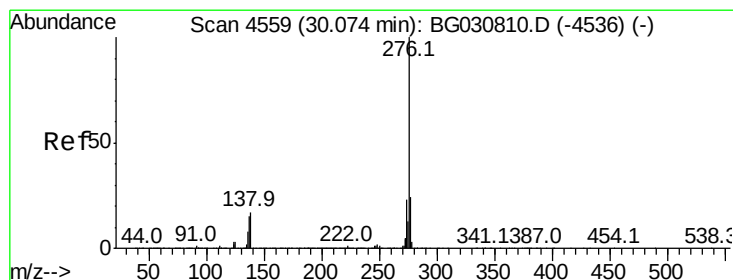
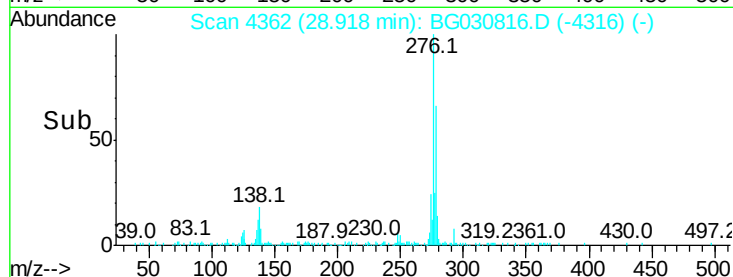
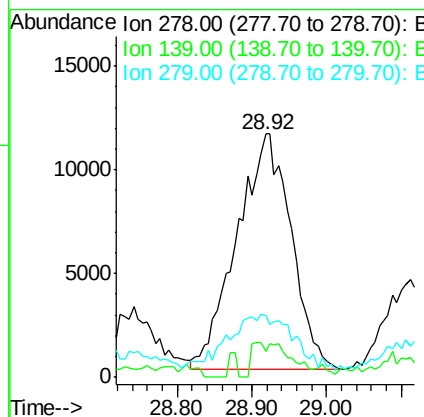
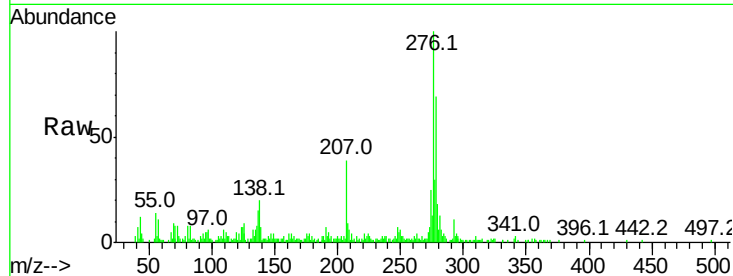
ClientSampleId :

B0DY8

Tot Ion:278	Resp:	57660
Ion Ratio	Lower	Upper
278 100		
139 10.8	9.4	14.2
279 25.5	18.4	27.6

Manual Integrations
APPROVED

Sohil
11/8/2017 5:29:48 PM



#91

Benzo(g,h,i)perylene

Concen: 4.514 ng/ul

RT: 30.06 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG030816.D

Acq: 7 Nov 2017 20:25

Tgt Ion:276	Resp:	150880
Ion Ratio	Lower	Upper
276 100		
138 14.9	12.1	18.1
277 21.2	17.7	26.5

