

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030783.D
 Acq On : 6 Nov 2017 20:12
 Operator : SJ/JU
 Sample : I6107-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 B0EC6

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:37:53 PM

Quant Time: Nov 07 07:06:37 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 06:56:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	79709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	368336	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	239818	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	572778	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	604123	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	625108	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	10232	5.22	ng/uL	0.00
5) Phenol-d5	7.31	99	248141	32.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	146242	30.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	200869	37.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	216484	35.04	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	114324	43.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	140211	51.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	257506	41.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	269142	37.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	915169	44.64	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1111236	44.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	147795	39.05	ng/ul	0.00
57) Fluorene-d10	15.76	176	862736	51.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	99009	35.41	ng/ul	0.00
70) Anthracene-d10	17.61	188	1328842	49.05	ng/ul	0.00
76) Pyrene-d10	19.89	212	1515458	48.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	1577679	53.29	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.34	94	27686	3.497	ng/ul	93
44) Dimethylphthalate	14.22	163	400901	20.047	ng/ul	98
69) Phenanthrene	17.55	178	266273	8.600	ng/ul	98
71) Anthracene	17.65	178	32219	1.009	ng/ul	95
74) Fluoranthene	19.55	202	479743	13.863	ng/ul	99
77) Pyrene	19.92	202	528183	13.045	ng/ul	99
80) Benzo(a)anthracene	21.77	228	250141	6.607	ng/ul	97
82) Chrysene	21.83	228	294737	8.568	ng/ul	96
85) Benzo(b)fluoranthene	24.04	252	317150	8.451	ng/ul#	93
86) Benzo(k)fluoranthene	24.10	252	101441m	2.796	ng/ul	
88) Benzo(a)pyrene	24.94	252	234835	6.429	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	150650	3.645	ng/ul	98
90) Dibenzo(a,h)anthracene	28.93	278	43938	1.280	ng/ul#	88
91) Benzo(g,h,i)perylene	30.06	276	137708	4.020	ng/ul	98

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

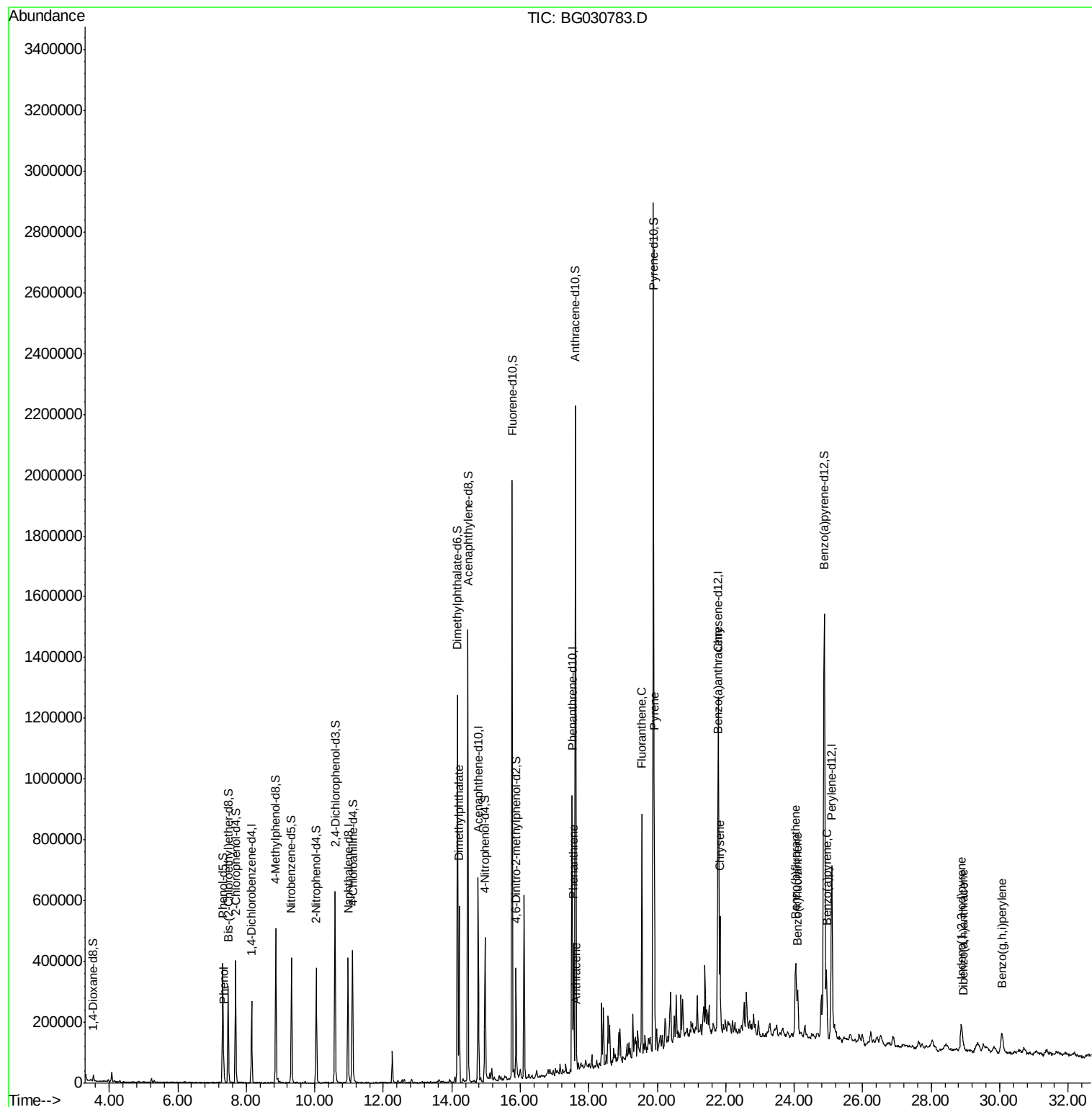
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
Data File : BG030783.D
Acq On : 6 Nov 2017 20:12
Operator : SJ/JU
Sample : I6107-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

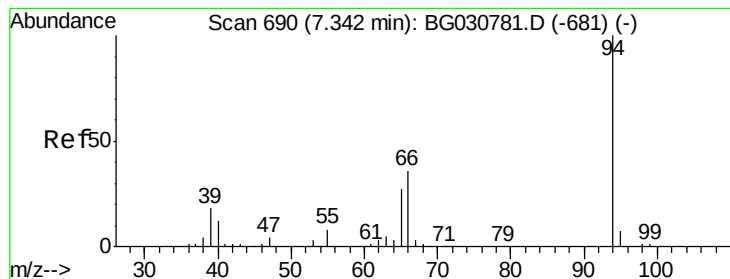
Instrument :
BNA_G
ClientSampled :
B0EC6

Manual Integrations
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Sohil
11/7/2017 5:37:53 PM

Quant Time: Nov 07 07:06:37 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 06:56:14 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.497 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030783.D

Acq: 6 Nov 2017 20:12

Instrument :

BNA_G

ClientSampled :

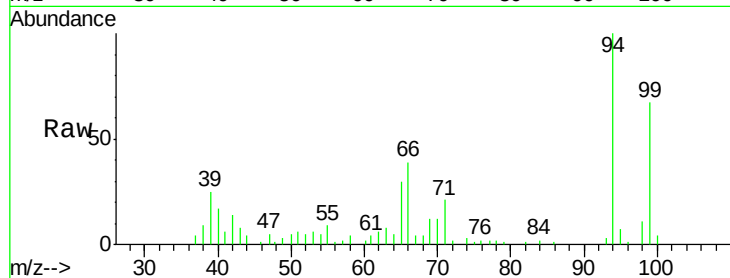
B0EC6

Tgt Ion: 94 Resp: 27686

Ion	Ratio	Lower	Upper
94	100		
65	30.2	27.1	40.7
66	39.0	34.6	52.0

Manual Integrations
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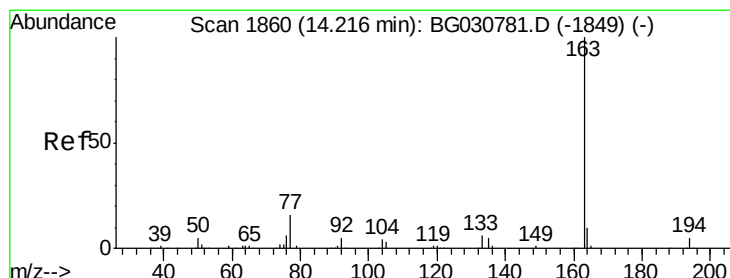
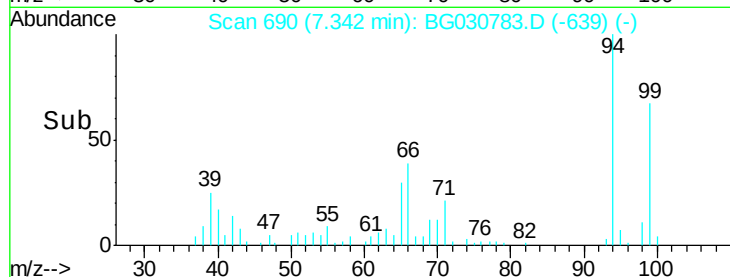
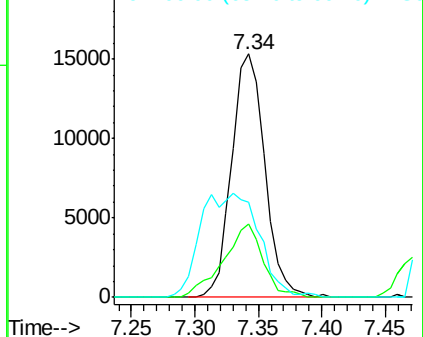


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 20.047 ng/ul

RT: 14.22 min Scan# 1860

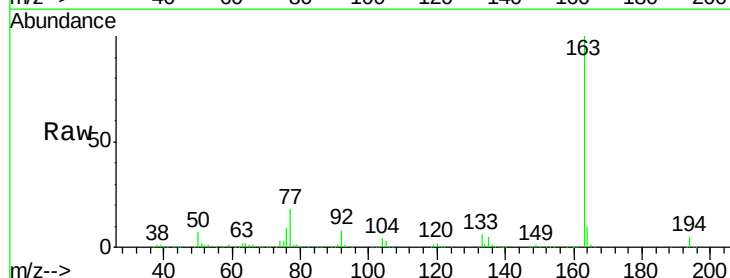
Delta R.T. 0.00 min

Lab File: BG030783.D

Acq: 6 Nov 2017 20:12

Tgt Ion: 163 Resp: 400901

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.5	7.6	11.4

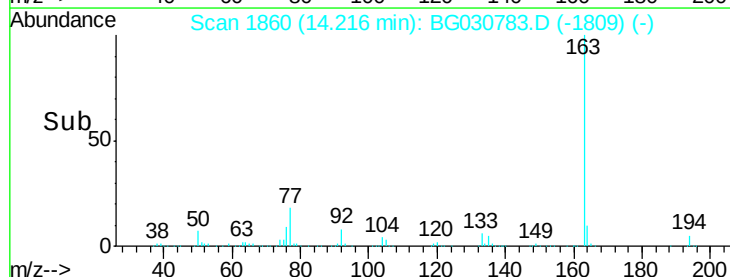
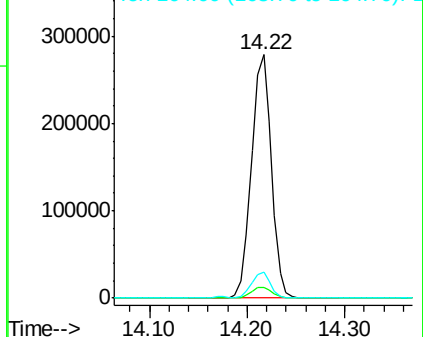


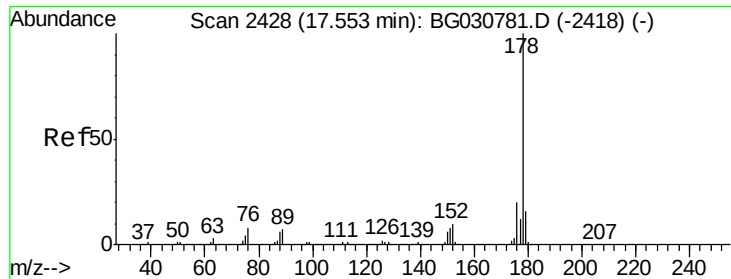
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 8.600 ng/ul

RT: 17.55 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG030783.D

Acq: 6 Nov 2017 20:12

Instrument :

BNA_G

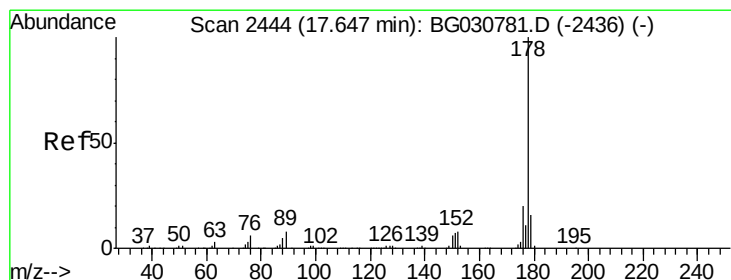
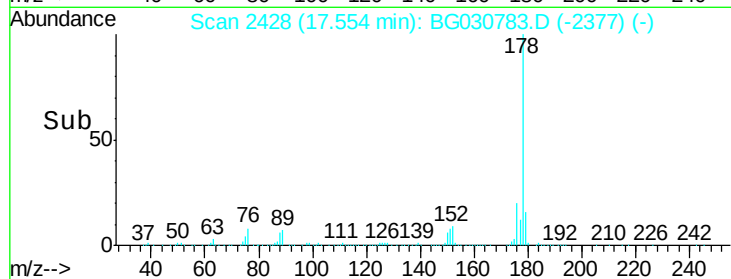
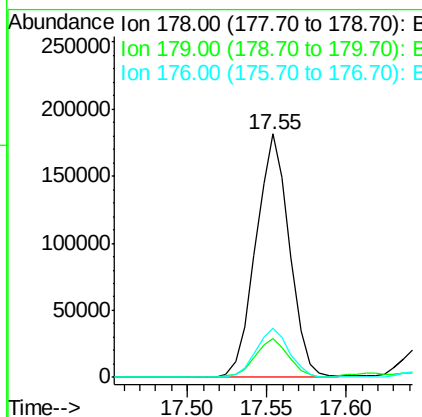
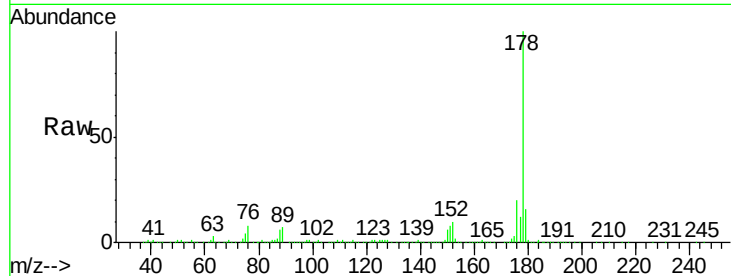
ClientSampled :

B0EC6

Tgt Ion:	178	Resp:	266273
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.6
176	20.4	15.3	22.9

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#71

Anthracene

Concen: 1.009 ng/ul

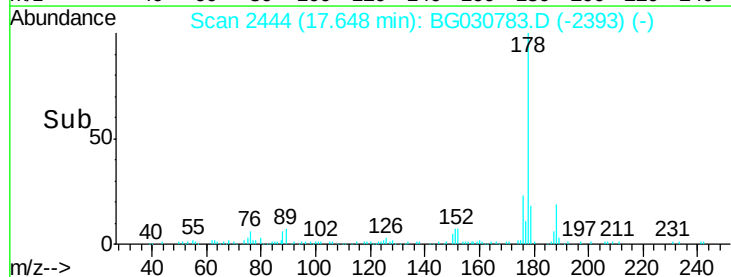
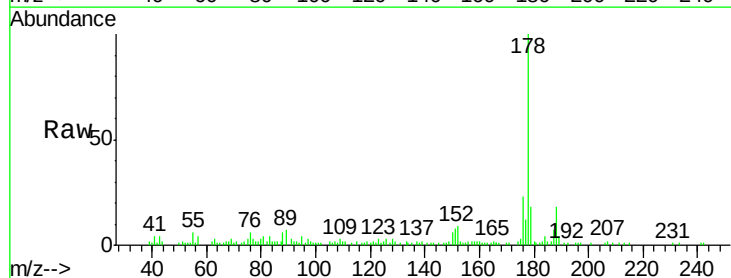
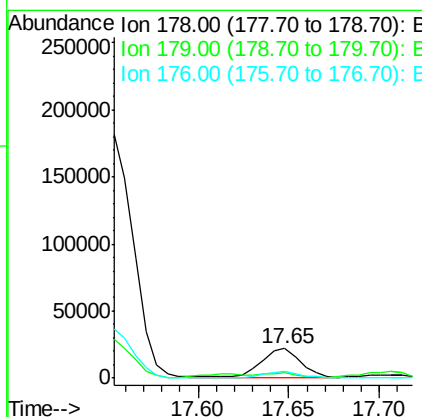
RT: 17.65 min Scan# 2444

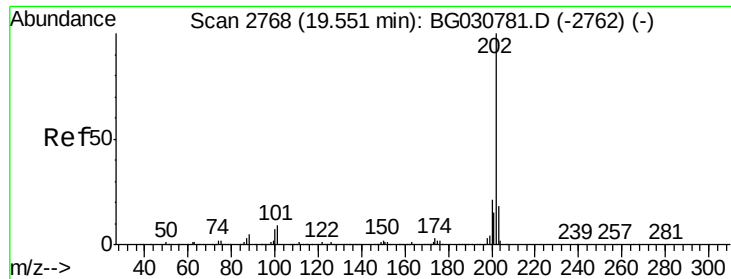
Delta R.T. 0.00 min

Lab File: BG030783.D

Acq: 6 Nov 2017 20:12

Tgt Ion:	178	Resp:	32219
Ion Ratio	Lower	Upper	
178	100		
179	18.4	13.2	19.8
176	22.7	16.0	24.0





#74

Fluoranthene

Concen: 13.863 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030783.D

Acq: 6 Nov 2017 20:12

Instrument :

BNA_G

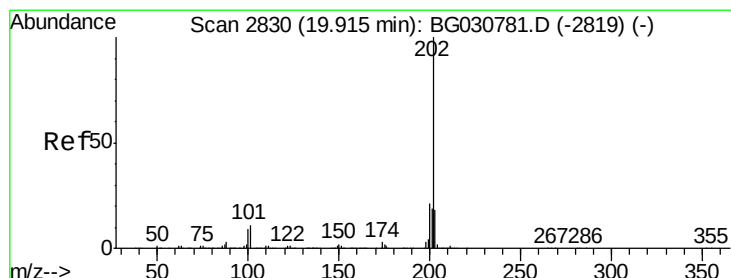
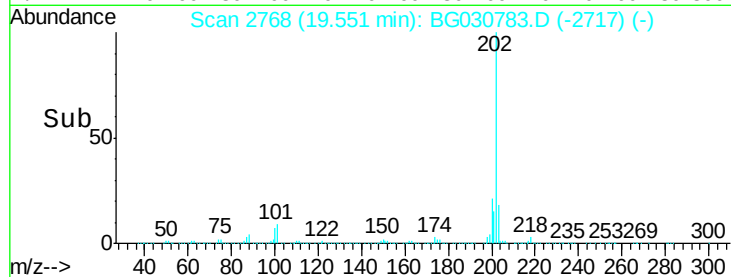
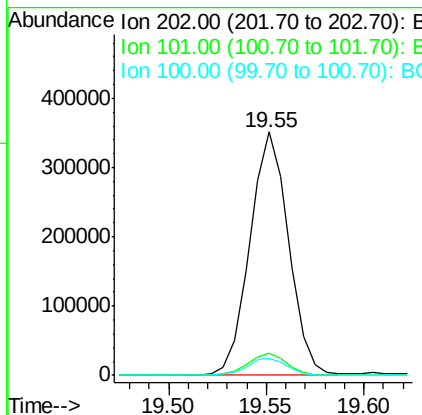
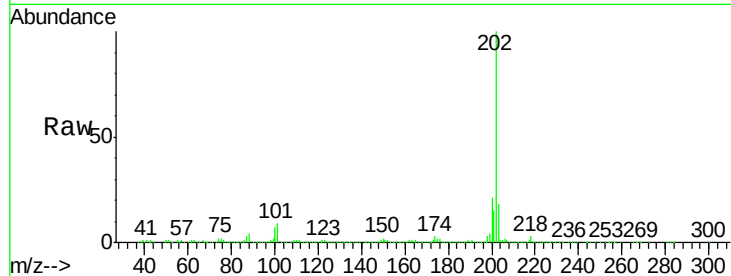
ClientSampleId :

B0EC6

Tgt	Ion	202	Resp:	479743
Ion	Ratio	Lower	Upper	
202	100			
101	8.9	7.4	11.2	
100	7.0	5.6	8.4	

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#77

Pyrene

Concen: 13.045 ng/ul

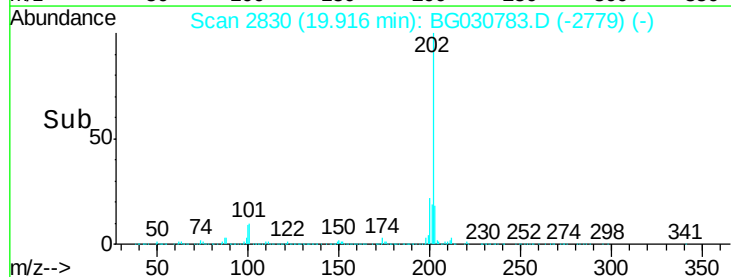
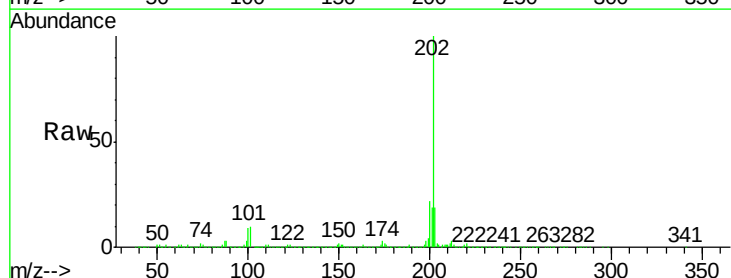
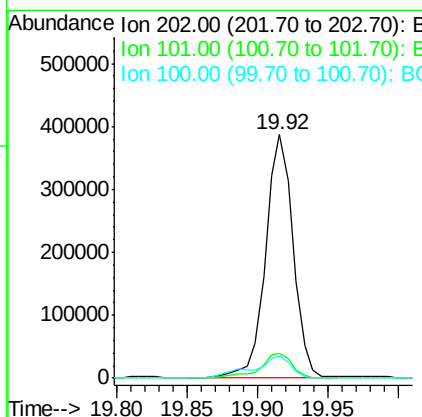
RT: 19.92 min Scan# 2830

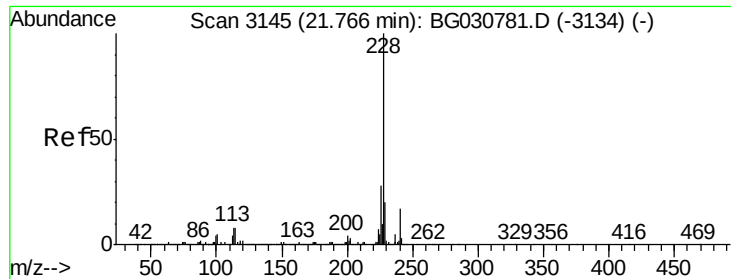
Delta R.T. 0.00 min

Lab File: BG030783.D

Acq: 6 Nov 2017 20:12

Tgt	Ion	202	Resp:	528183
Ion	Ratio	Lower	Upper	
202	100			
101	10.2	8.4	12.6	
100	8.9	7.0	10.6	





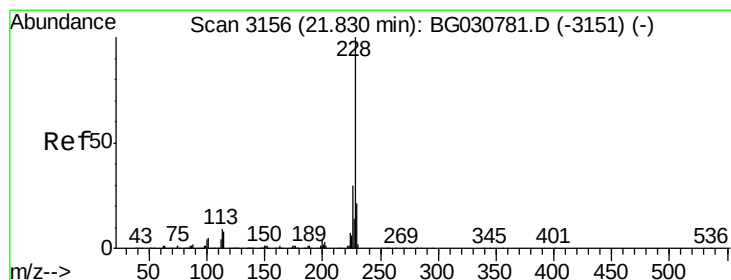
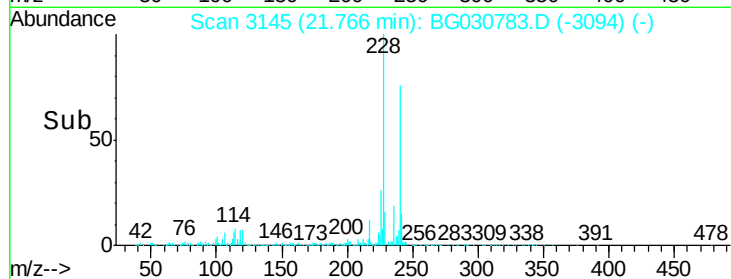
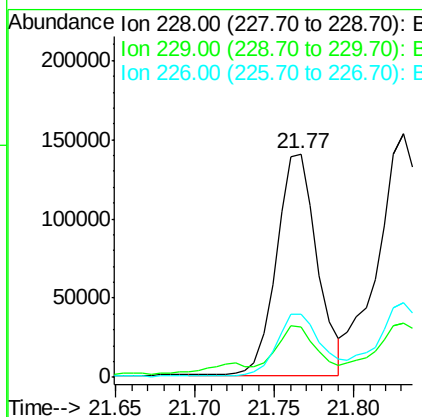
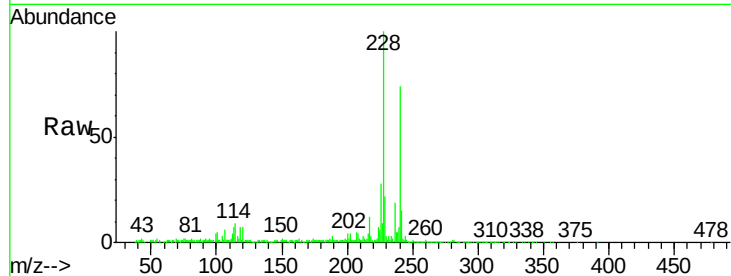
#80
Benzo(a)anthracene
Concen: 6.607 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG030783.D
Acq: 6 Nov 2017 20:12

Instrument :
BNA_G
ClientSampleId :
B0EC6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.2	24.4
226	28.4	22.2	33.2

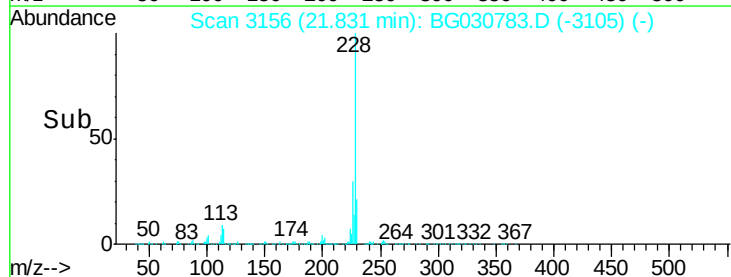
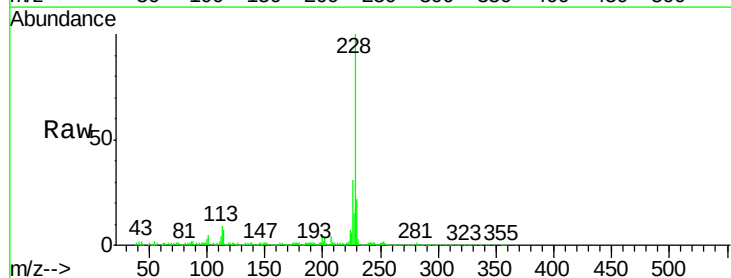
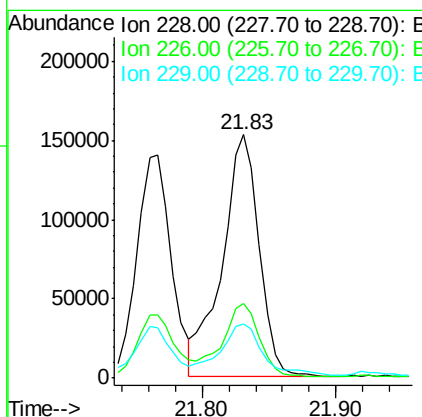
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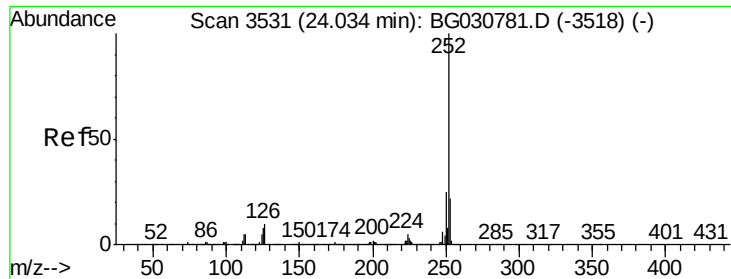
Sohil
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#82
Chrysene
Concen: 8.568 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG030783.D
Acq: 6 Nov 2017 20:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	22.5	15.2	22.8





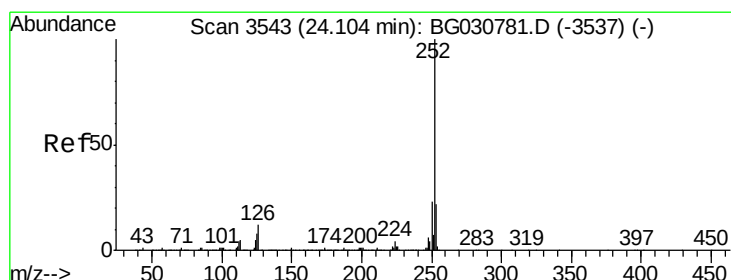
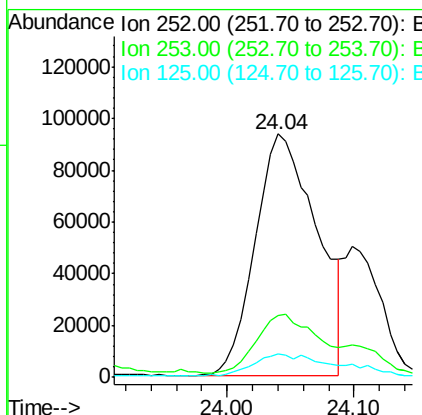
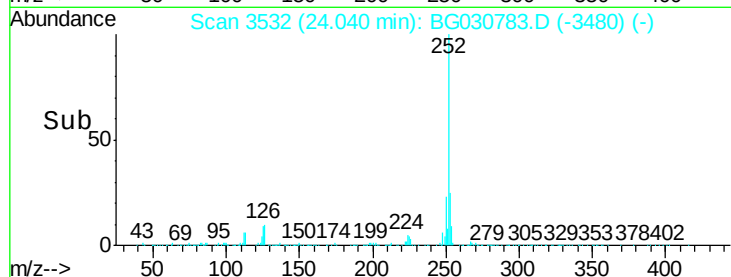
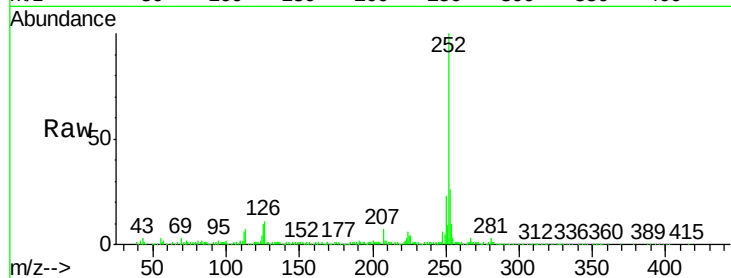
#85
Benzo(b)fluoranthene
Concen: 8.451 ng/ul
RT: 24.04 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BG030783.D
Acq: 6 Nov 2017 20:12

Instrument :
BNA_G
ClientSampleId :
B0EC6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.4#
125	9.7	7.5	11.3

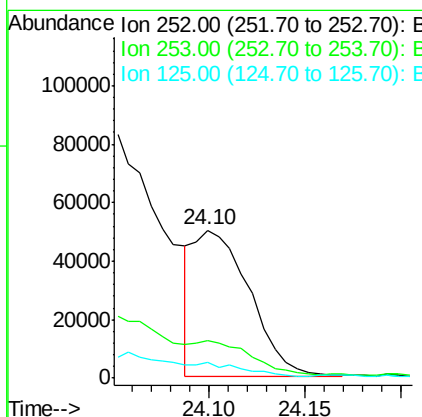
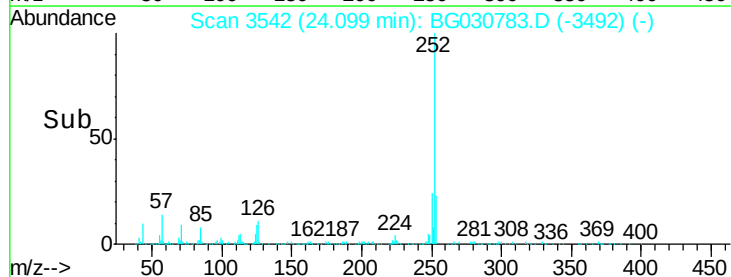
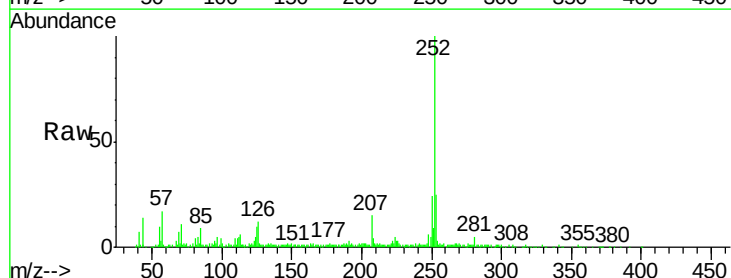
Manual Integrations
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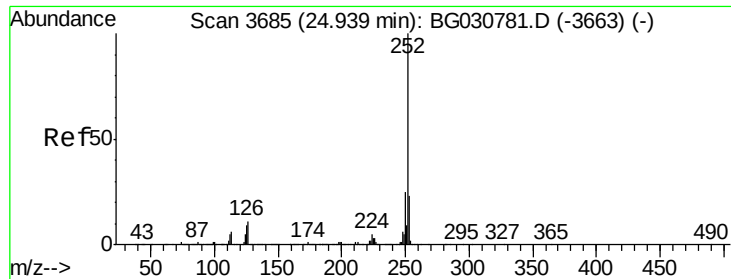
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#86
Benzo(k)fluoranthene
Concen: 2.796 ng/ul m
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG030783.D
Acq: 6 Nov 2017 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	10.5	7.8	11.8





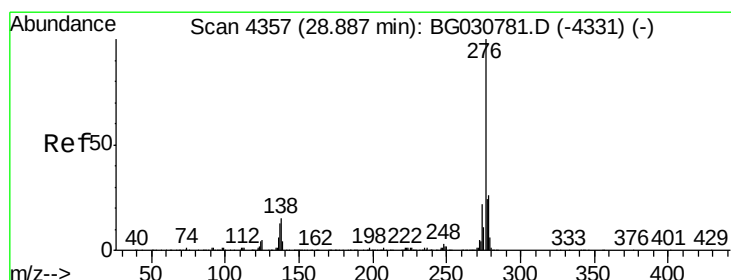
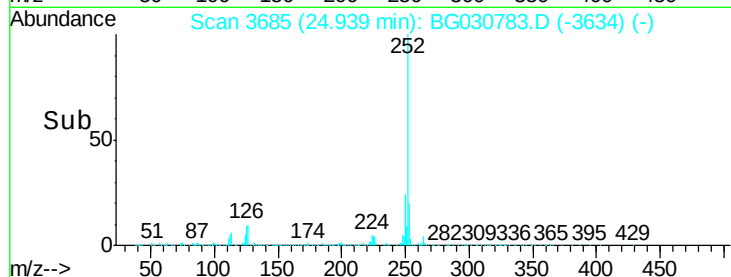
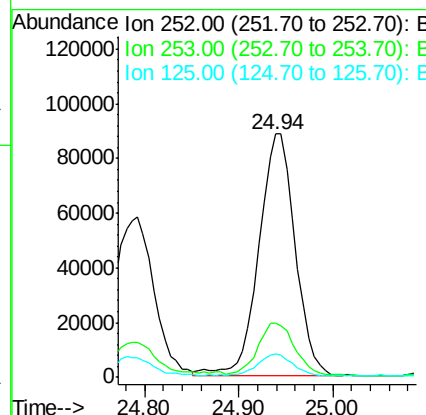
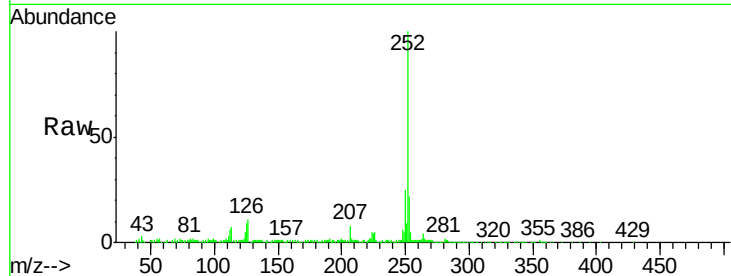
#88
Benzo(a)pyrene
Concen: 6.429 ng/ul
RT: 24.94 min Scan# 3685
Delta R.T. 0.00 min
Lab File: BG030783.D
Acq: 6 Nov 2017 20:12

Instrument :
BNA_G
ClientSampled :
B0EC6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.5	7.8	11.8

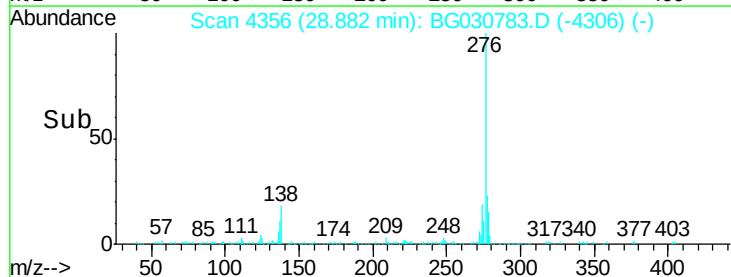
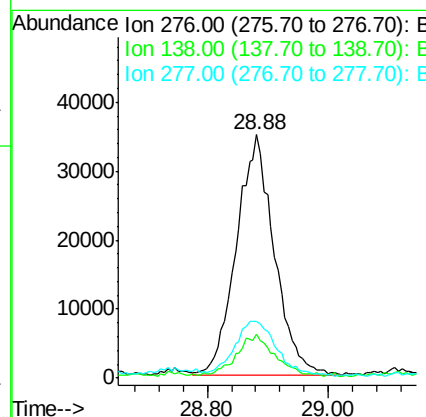
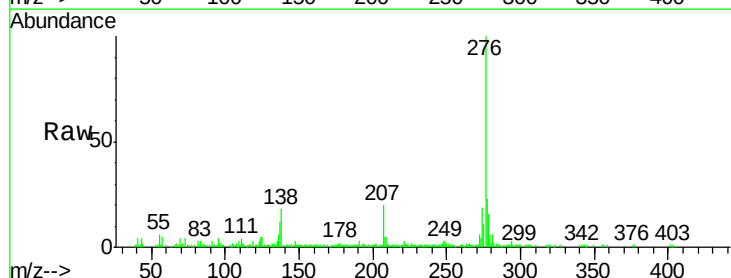
Manual Integrations
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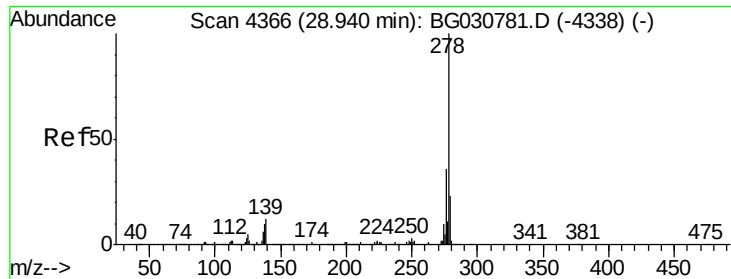
Sohil
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.645 ng/ul
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG030783.D
Acq: 6 Nov 2017 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	13.4	20.0
277	23.5	18.6	28.0





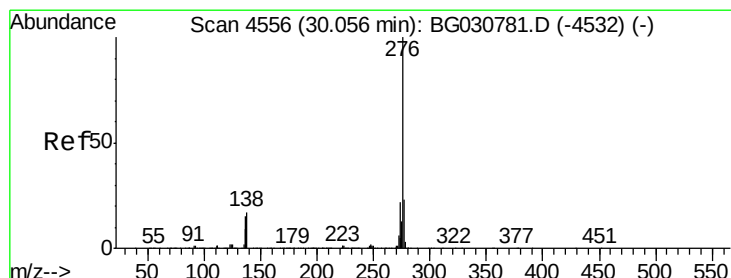
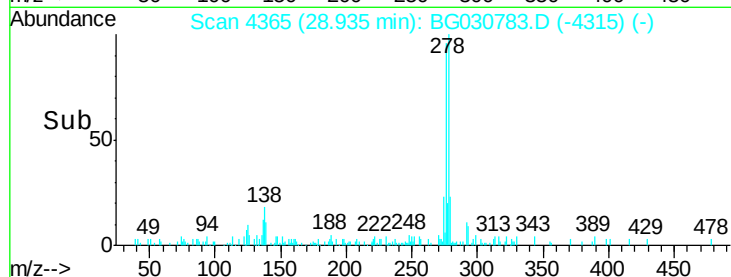
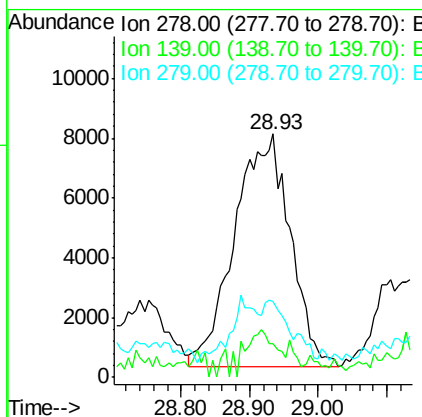
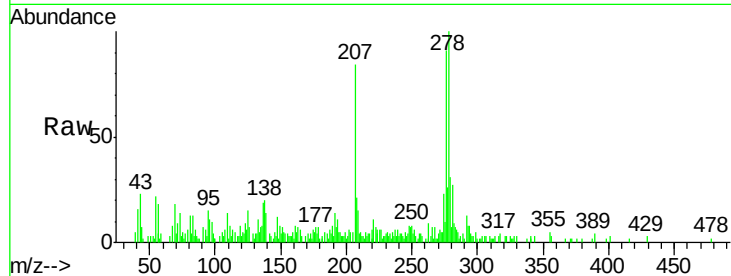
#90
Dibenzo(a,h)anthracene
Concen: 1.280 ng/ul
RT: 28.93 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG030783.D
Acq: 6 Nov 2017 20:12

Instrument :
BNA_G
ClientSampleId :
B0EC6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	9.4	14.2
279	31.0	18.4	27.6#

Manual Integrations
APPROVED

Sohil
11/7/2017 5:37:53 PM



#91
Benzo(g,h,i)perylene
Concen: 4.020 ng/ul
RT: 30.06 min Scan# 4557
Delta R.T. 0.01 min
Lab File: BG030783.D
Acq: 6 Nov 2017 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.1	18.1
277	22.5	17.7	26.5

