

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
 Data File : BG029214.D
 Acq On : 14 Oct 2017 6:09
 Operator : SJ/JU
 Sample : I5574-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0BY6

Manual Integrations
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Quant Time: Oct 14 06:47:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	105838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	452576	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	279854	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	642305	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	611422	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	611102	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13891	5.33	ng/uL	0.00
5) Phenol-d5	7.31	99	287224	28.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	184192	28.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	209081	29.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	234114	28.54	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	106999	32.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	114049	34.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	223596	29.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	261477	29.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	733249	30.65	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	895880	30.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	105469	23.88	ng/ul	0.00
57) Fluorene-d10	15.78	176	645168	32.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	79322	25.30	ng/ul	0.00
70) Anthracene-d10	17.62	188	947542	31.19	ng/ul	0.00
76) Pyrene-d10	19.89	212	966121	30.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	871019	30.09	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.34	94	51694	4.92	ng/ul#	93
44) Dimethylphthalate	14.23	163	235356	10.09	ng/ul	98
69) Phenanthrene	17.57	178	174971	5.04	ng/ul	98
71) Anthracene	17.66	178	45369	1.27	ng/ul	98
74) Fluoranthene	19.56	202	289180	7.45	ng/ul#	93
77) Pyrene	19.92	202	229194	5.59	ng/ul#	92
80) Benzo(a)anthracene	21.77	228	136866	3.57	ng/ul#	91
82) Chrysene	21.84	228	146634	4.21	ng/ul#	93
85) Benzo(b)fluoranthene	24.05	252	300607	8.19	ng/ul#	93
86) Benzo(k)fluoranthene	24.11	252	79496m	2.24	ng/ul	
88) Benzo(a)pyrene	24.95	252	338561	9.48	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.89	276	725074	17.95	ng/ul#	91
90) Dibenzo(a,h)anthracene	28.92	278	153503	4.57	ng/ul#	87
91) Benzo(g,h,i)perylene	30.08	276	670824	20.03	ng/ul#	87

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

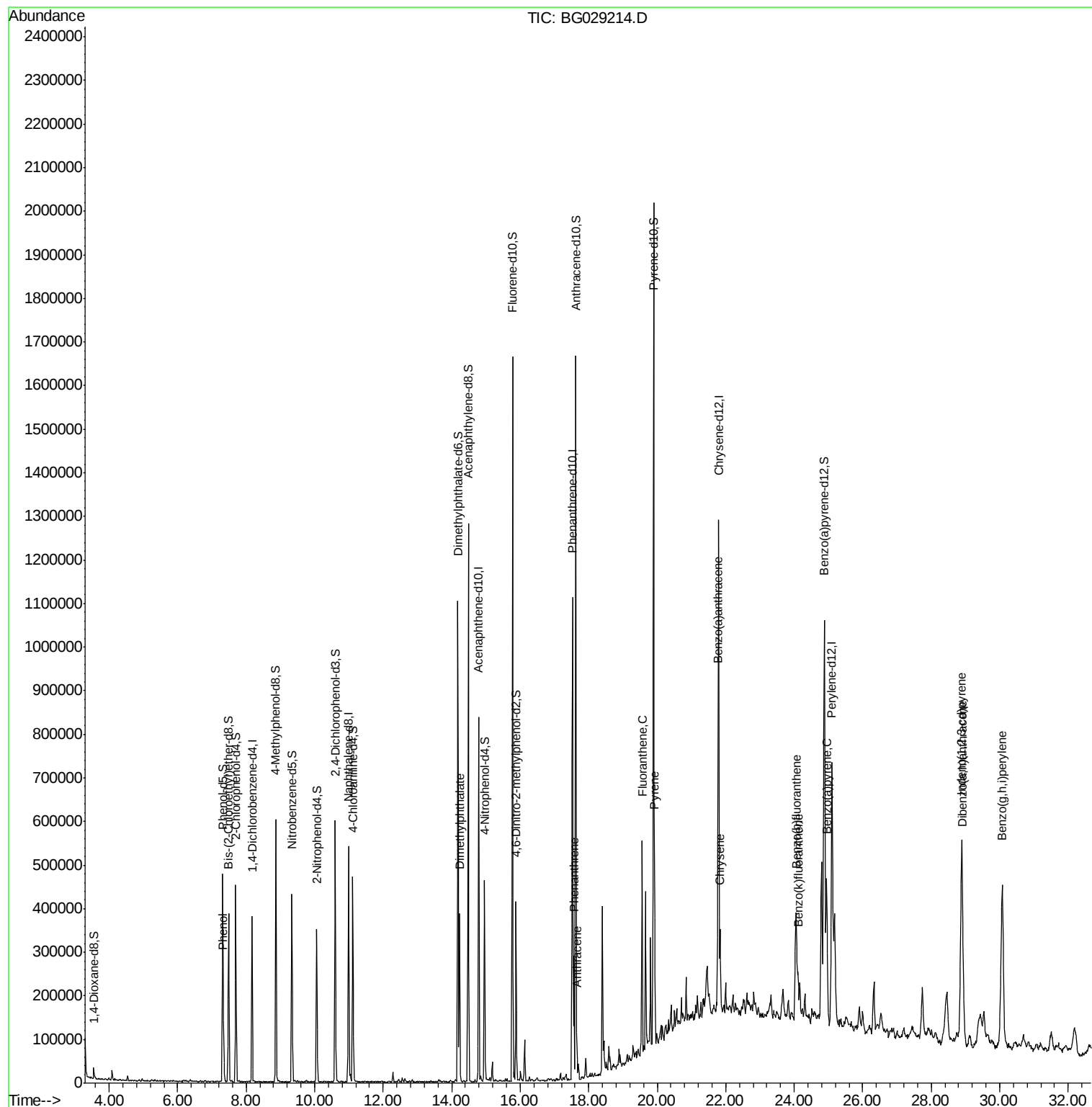
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029214.D
Acq On : 14 Oct 2017 6:09
Operator : SJ/JU
Sample : I5574-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

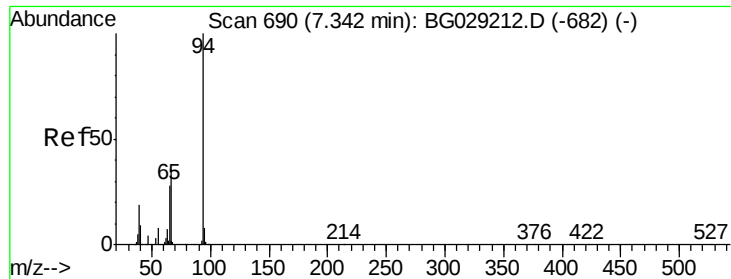
Instrument :
BNA_G
ClientSampled :
B0BY6

Quant Time: Oct 14 06:47:45 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 4.92 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Instrument :

BNA_G

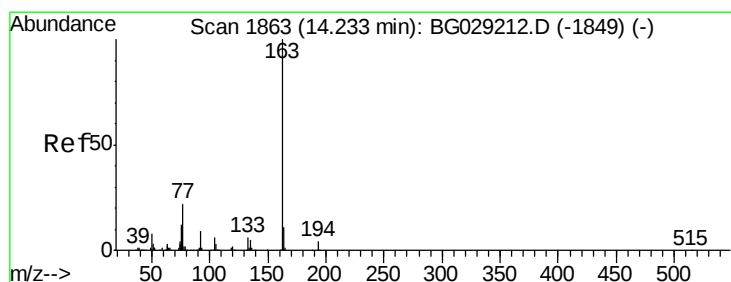
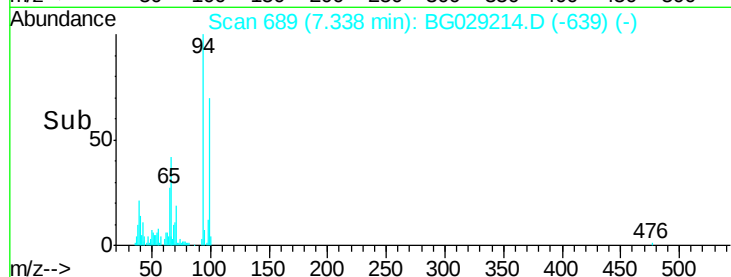
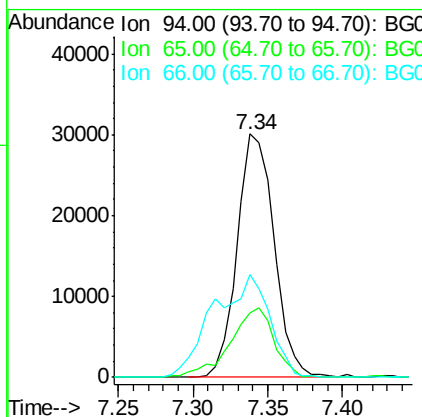
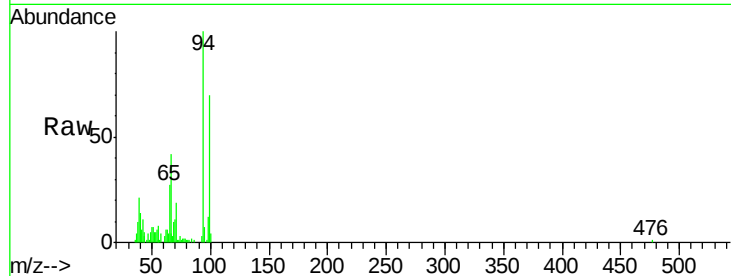
ClientSampleId :

B0BY6

Tgt Ion:	94	Resp:	51694
Ion Ratio	Lower	Upper	
94	100		
65	26.6	27.1	40.7#
66	42.0	34.6	52.0

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#44

Dimethylphthalate

Concen: 10.09 ng/ul

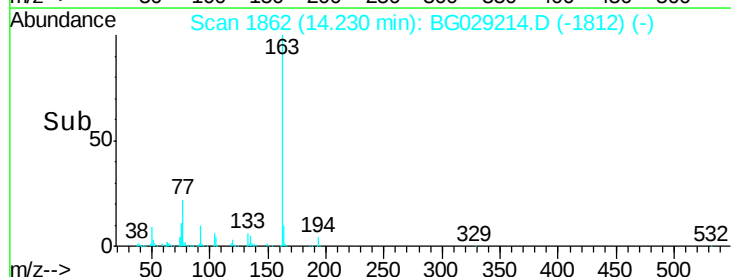
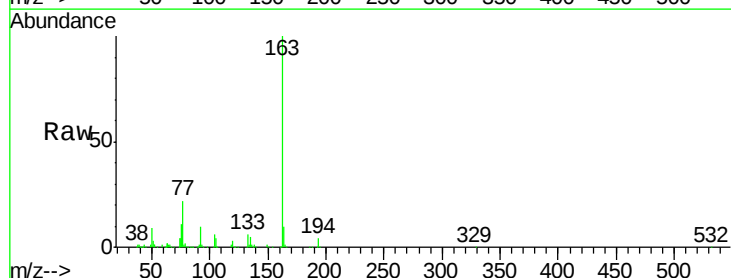
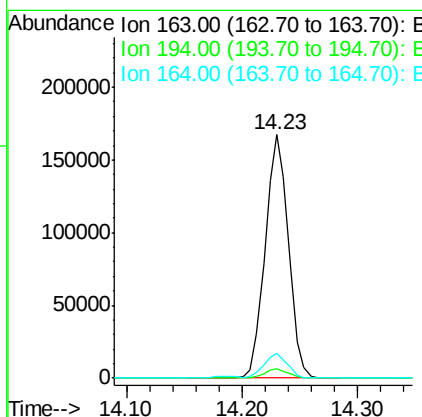
RT: 14.23 min Scan# 1862

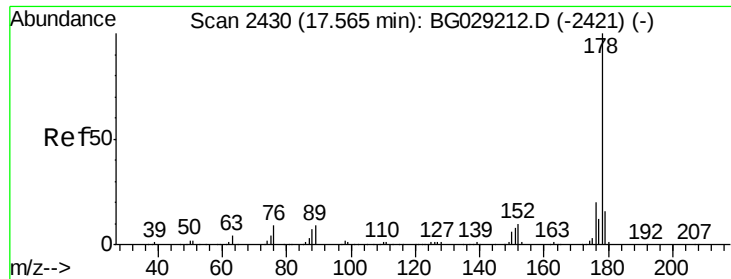
Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Tgt Ion:	163	Resp:	235356
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.5	5.3
164	10.4	7.6	11.4





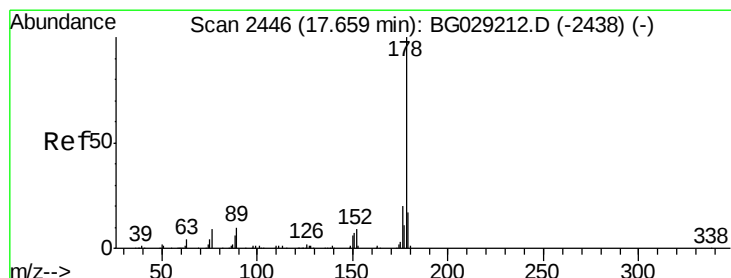
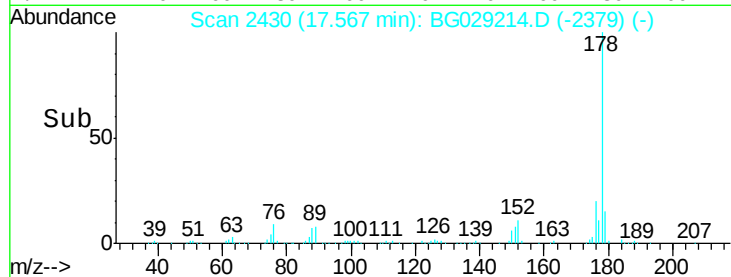
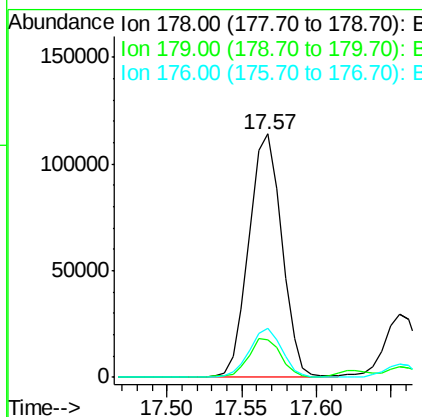
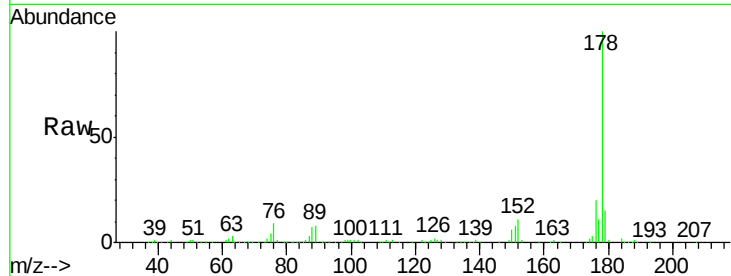
#69
Phenanthrene
Concen: 5.04 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Instrument :
BNA_G
ClientSampleId :
B0BY6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	20.1	15.3	22.9

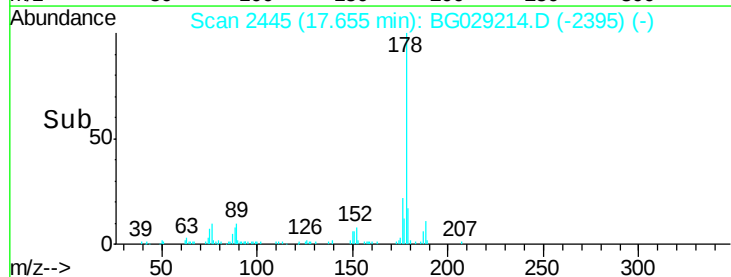
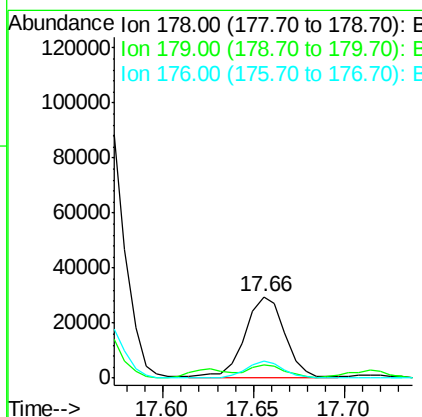
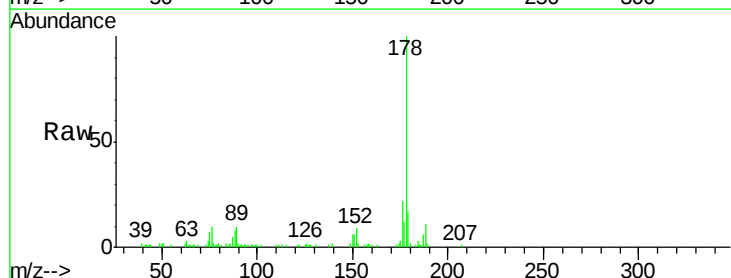
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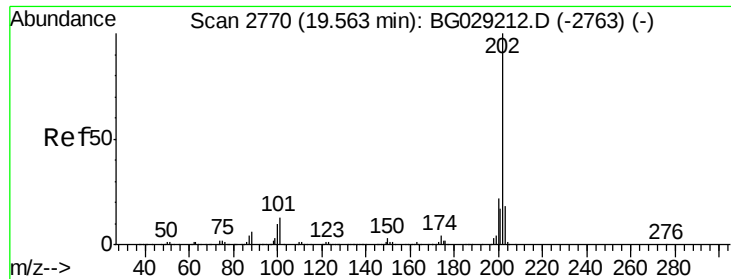
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#71
Anthracene
Concen: 1.27 ng/ul
RT: 17.66 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	21.7	16.0	24.0





#74

Fluoranthene

Concen: 7.45 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Instrument :

BNA_G

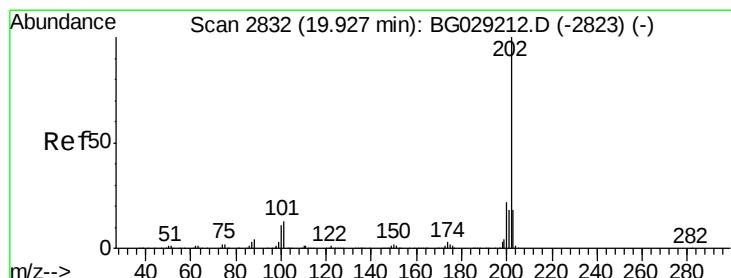
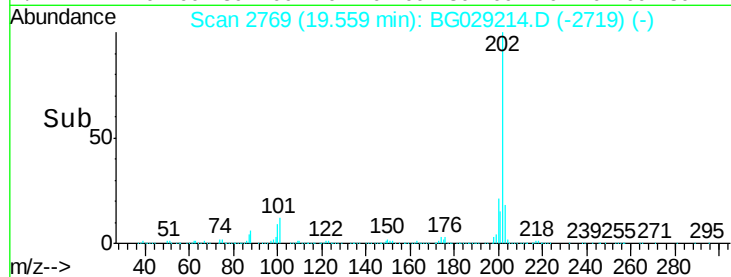
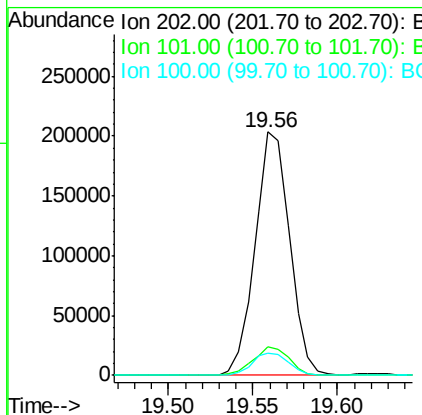
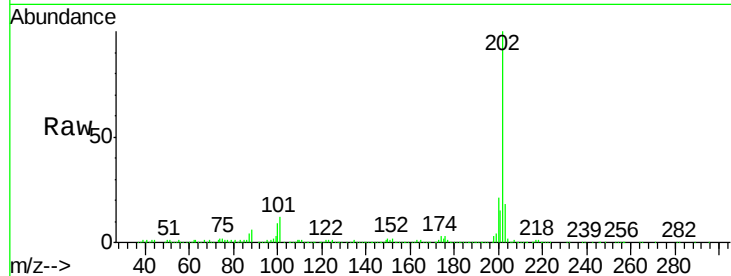
ClientSampleId :

B0BY6

Tgt	Ion	202	Resp	289180
Ion	Ratio	Lower	Upper	
202	100			
101	12.0	7.4	11.2#	
100	9.2	5.6	8.4#	

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#77

Pyrene

Concen: 5.59 ng/ul

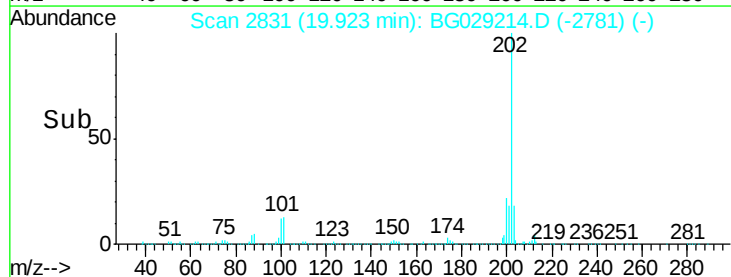
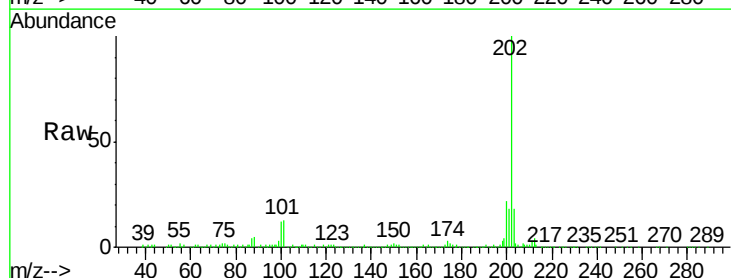
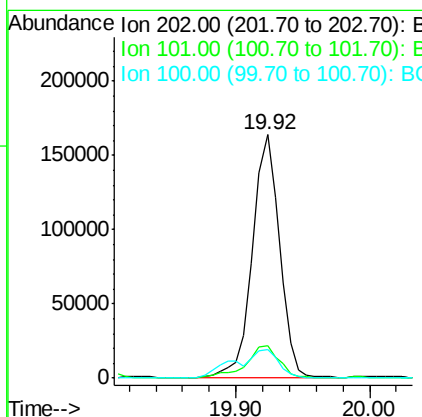
RT: 19.92 min Scan# 2831

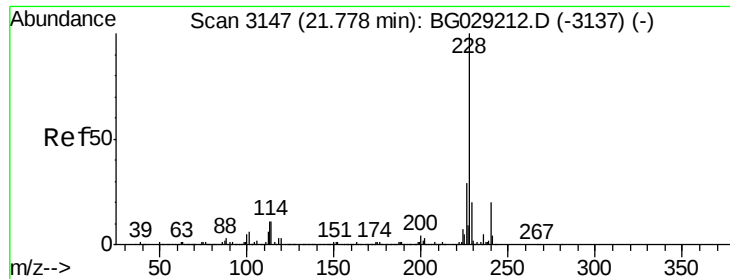
Delta R.T. -0.00 min

Lab File: BG029214.D

Acq: 14 Oct 2017 6:09

Tgt	Ion	202	Resp	229194
Ion	Ratio	Lower	Upper	
202	100			
101	13.5	8.4	12.6#	
100	11.8	7.0	10.6#	





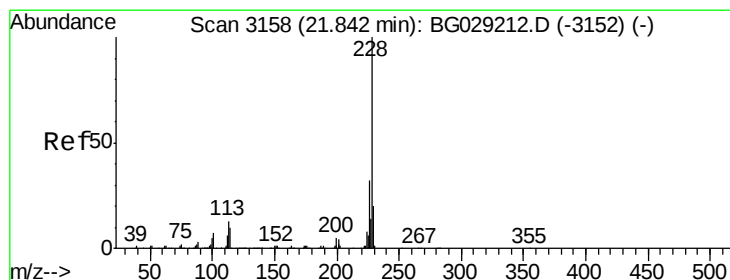
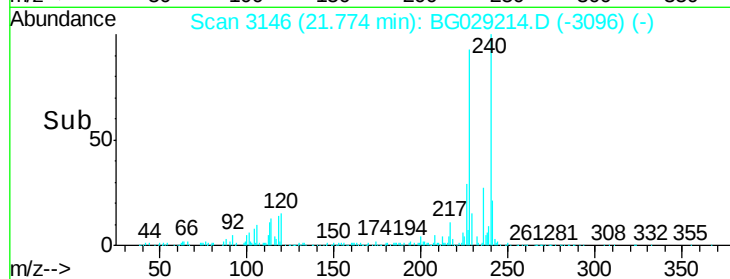
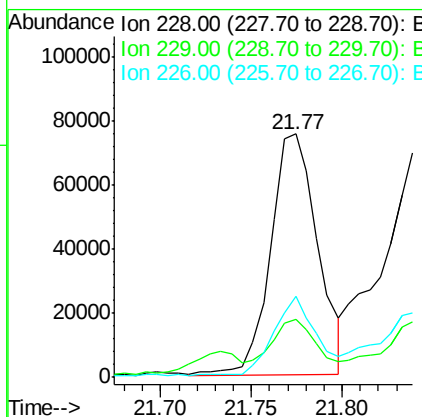
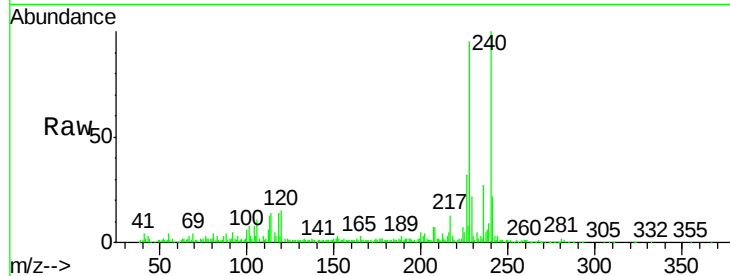
#80
Benzo(a)anthracene
Concen: 3.57 ng/ul
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Instrument :
BNA_G
ClientSampled :
B0BY6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.2	24.4
226	33.5	22.2	33.2#

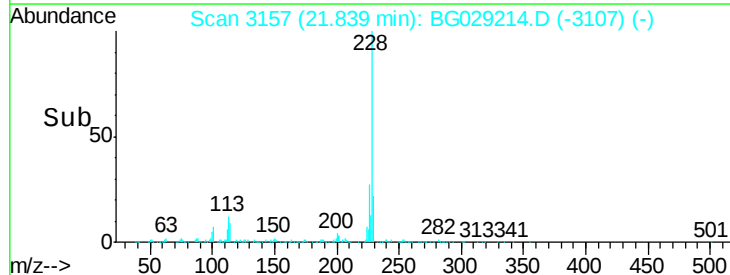
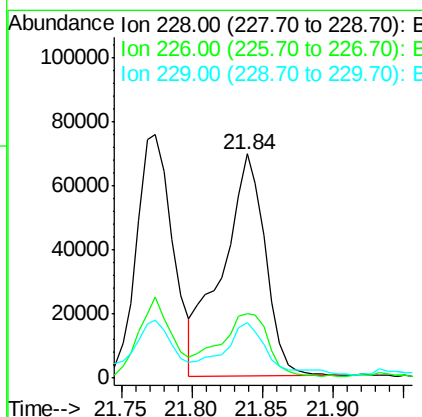
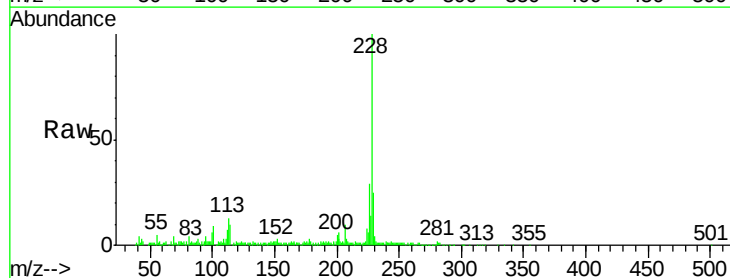
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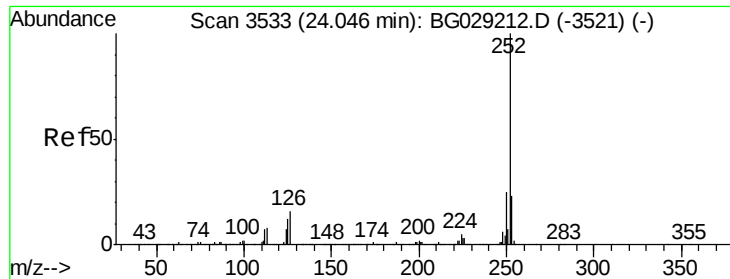
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#82
Chrysene
Concen: 4.21 ng/ul
RT: 21.84 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.2	36.2
229	24.7	15.2	22.8#





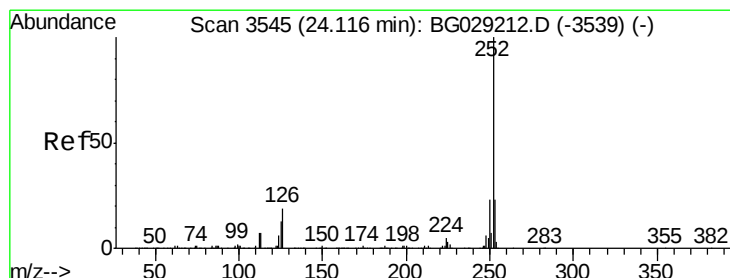
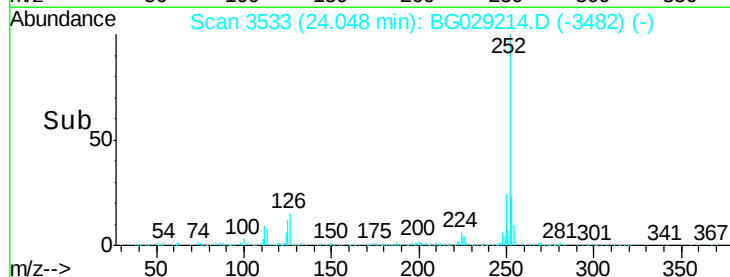
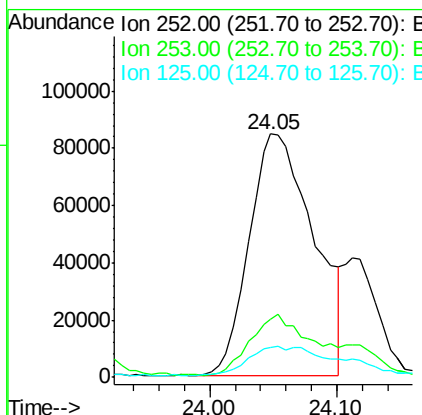
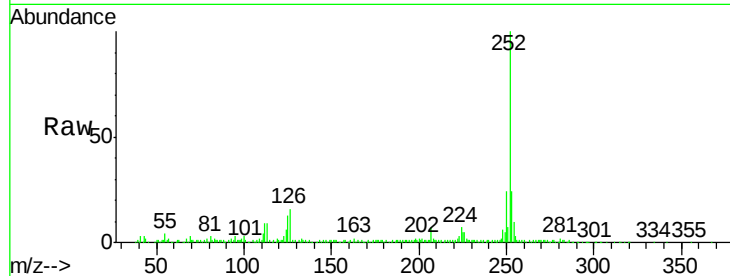
#85
Benzo(b)fluoranthene
Concen: 8.19 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Instrument :
BNA_G
ClientSampled :
B0BY6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.4
125	12.5	7.5	11.3#

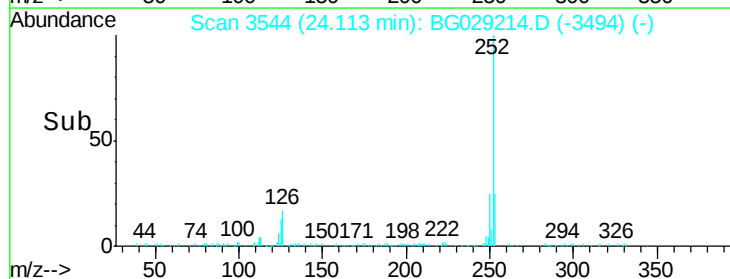
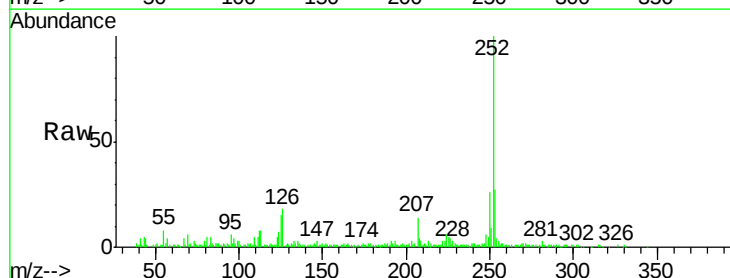
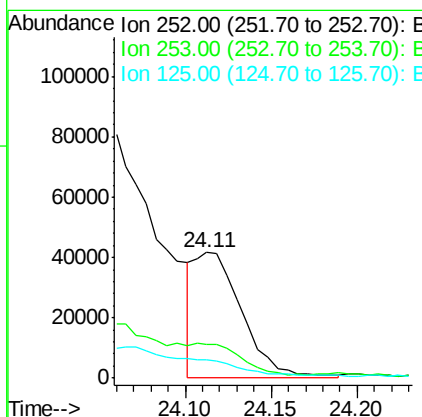
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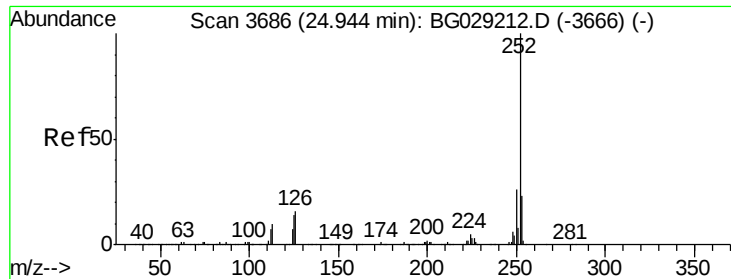
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#86
Benzo(k)fluoranthene
Concen: 2.24 ng/ul m
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.2	25.8#
125	15.1	7.8	11.8#





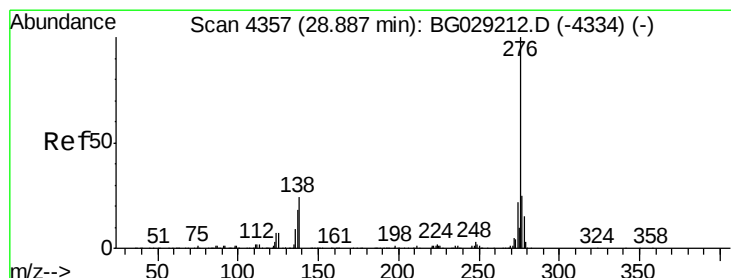
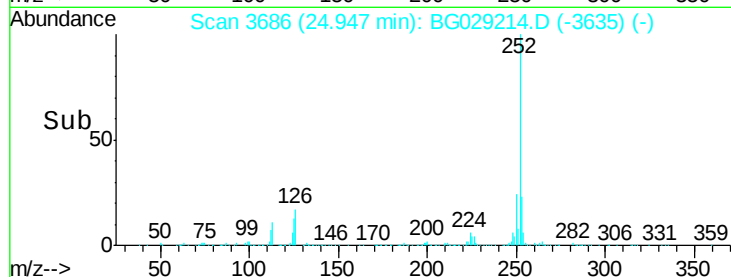
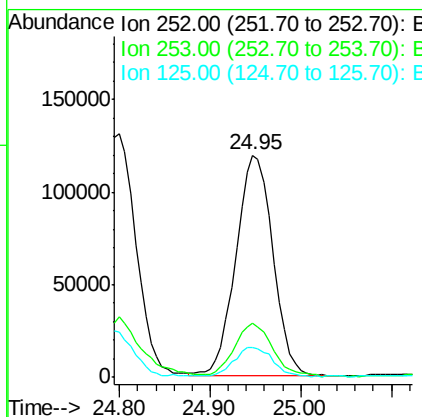
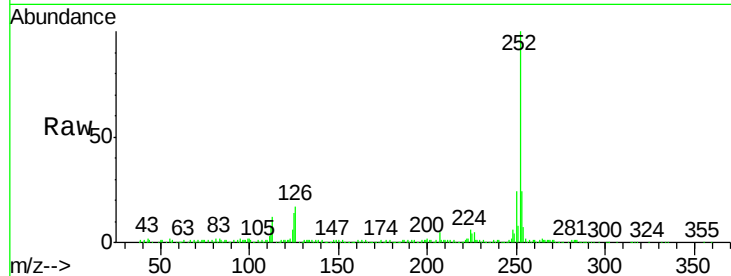
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Benzo(a)pyrene
Concen: 9.48 ng/ul
RT: 24.95 min Scan# 3686
Delta R.T. 0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Instrument :
BNA_G
ClientSampleId :
B0BY6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.3	17.1	25.7
125	13.5	7.8	11.8

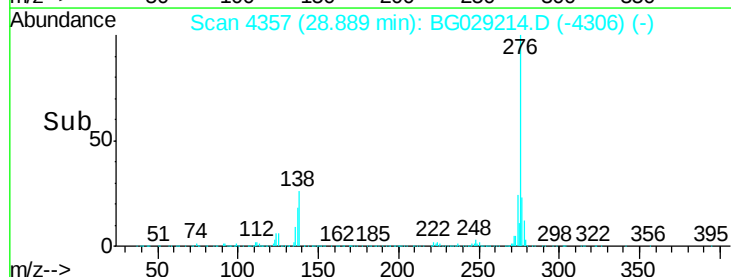
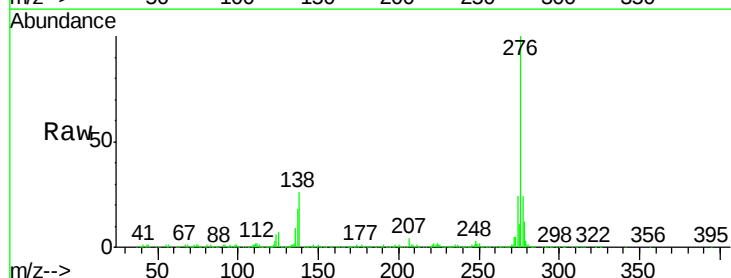
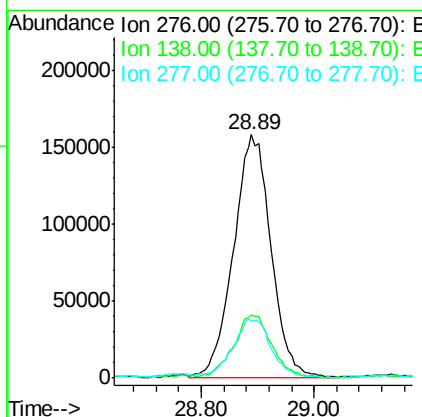
Manual Integrations
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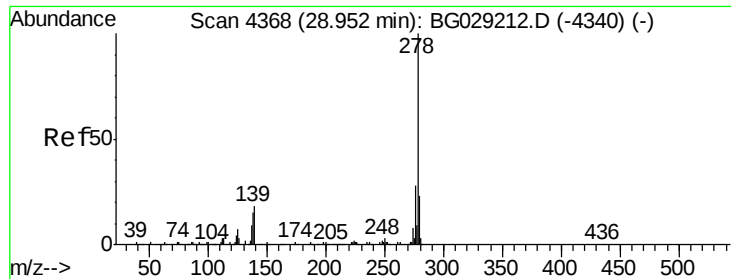
Sohil
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#89
Indeno(1,2,3-cd)pyrene
Concen: 17.95 ng/ul
RT: 28.89 min Scan# 4357
Delta R.T. 0.00 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.1	13.4	20.0
277	23.5	18.6	28.0





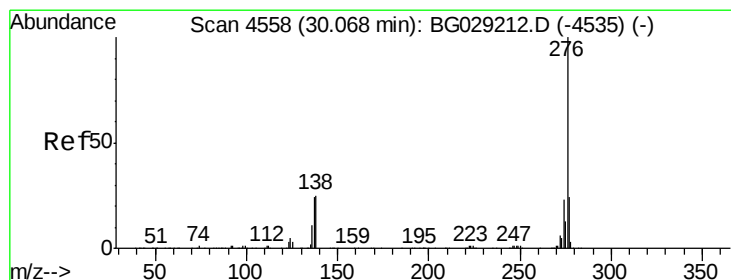
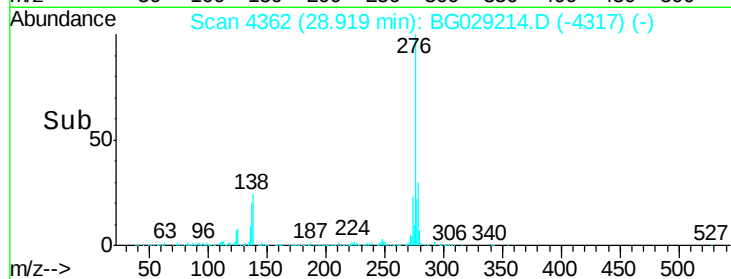
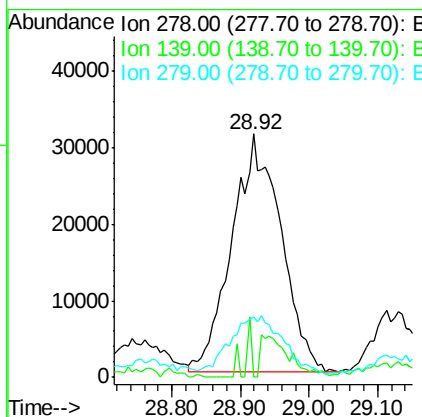
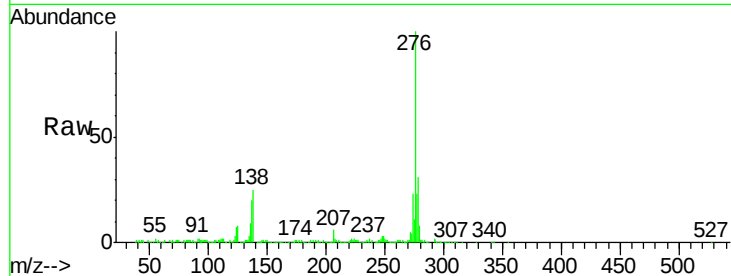
#90
Dibenzo(a,h)anthracene
Concen: 4.57 ng/ul
RT: 28.92 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Instrument :
BNA_G
ClientSampleId :
B0BY6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.2#
279	24.7	18.4	27.6

Manual Integrations
APPROVED

Sohil
10/15/2017 12:32:21 PM



#91
Benzo(g,h,i)perylene
Concen: 20.03 ng/ul
RT: 30.08 min Scan# 4560
Delta R.T. 0.01 min
Lab File: BG029214.D
Acq: 14 Oct 2017 6:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	12.1	18.1#
277	23.5	17.7	26.5

