

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029430.D
 Acq On : 24 Oct 2017 18:41
 Operator : SJ/JU
 Sample : I5925-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3L9

Manual Integrations
 APPROVED

Sohil
 10/25/2017 6:27:16 PM

Quant Time: Oct 24 19:49:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 07:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	311494	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	207638	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	496060	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	527783	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	533704	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9391	5.79	ng/uL	0.00
5) Phenol-d5	7.32	99	216904	34.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	120949	30.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	165336	37.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	188114	36.80	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	82506	36.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	97988	42.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	191402	36.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	186896	30.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	598628	33.72	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	753038	34.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	86005	26.24	ng/ul	0.00
57) Fluorene-d10	15.77	176	546125	37.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	85007	35.11	ng/ul	0.00
70) Anthracene-d10	17.62	188	815901	34.78	ng/ul	0.00
76) Pyrene-d10	19.89	212	942868	34.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	915790	36.23	ng/ul	-0.02

Target Compounds

					Ovalue
6) Phenol	7.34	94	12922	1.973 ng/ul	94
44) Dimethylphthalate	14.23	163	51350	2.966 ng/ul	98
69) Phenanthrene	17.56	178	160424	5.982 ng/ul	100
71) Anthracene	17.66	178	30168	1.090 ng/ul	96
74) Fluoranthene	19.56	202	345288	11.521 ng/ul	99
77) Pyrene	19.92	202	322348	9.113 ng/ul	99
80) Benzo(a)anthracene	21.78	228	195142	5.900 ng/ul	99
82) Chrysene	21.84	228	194912	6.486 ng/ul	99
85) Benzo(b)fluoranthene	24.05	252	263578	8.227 ng/ul	100
86) Benzo(k)fluoranthene	24.11	252	99140m	3.200 ng/ul	
88) Benzo(a)pyrene	24.95	252	168573	5.405 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	28.87	276	128113	3.631 ng/ul	98
90) Dibenzo(a,h)anthracene	28.93	278	36524	1.246 ng/ul#	91
91) Benzo(g,h,i)perylene	30.07	276	108945	3.725 ng/ul	95

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

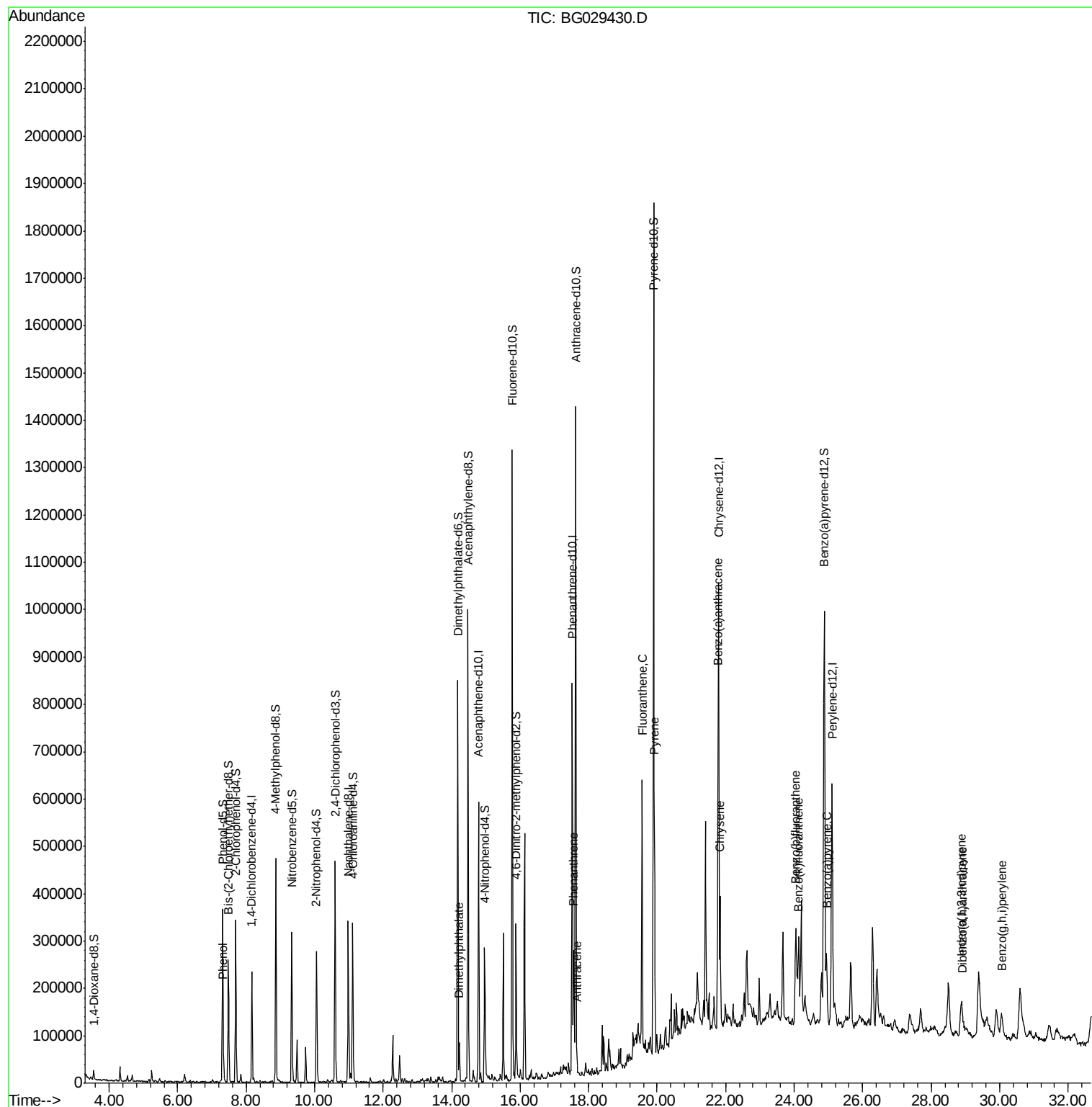
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029430.D
Acq On : 24 Oct 2017 18:41
Operator : SJ/JU
Sample : I5925-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

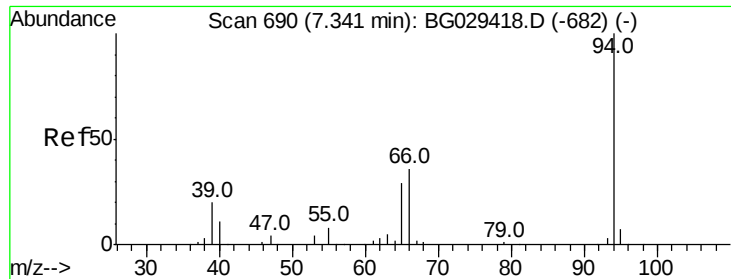
Instrument :
BNA_G
ClientSampleId :
CB3L9

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration





#6

Phenol

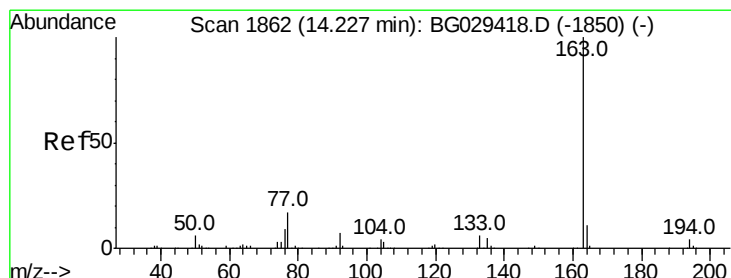
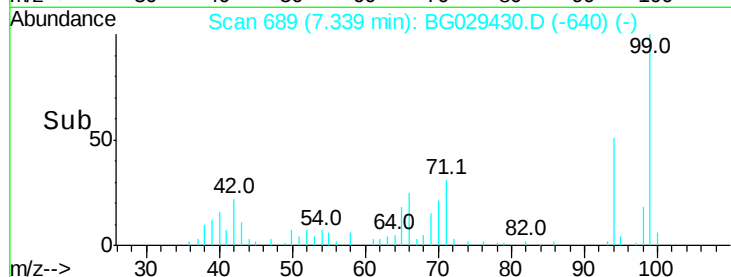
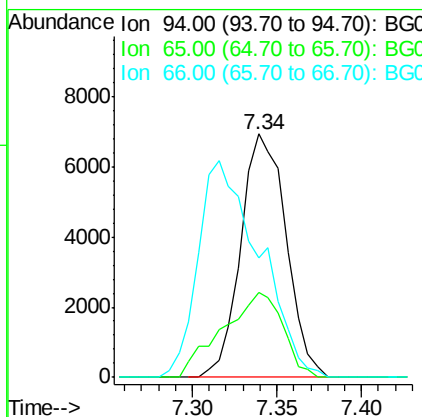
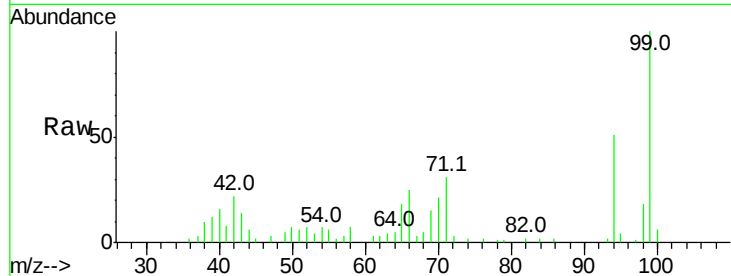
Concen: 1.973 ng/ul
 RT: 7.34 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BG029430.D
 Acq: 24 Oct 2017 18:41

Instrument :
 BNA_G
 ClientSampleId :
 CB3L9

Tot Ion	Ratio	Lower	Upper
94	100		
65	34.8	27.1	40.7
66	48.8	34.6	52.0

Manual Integrations
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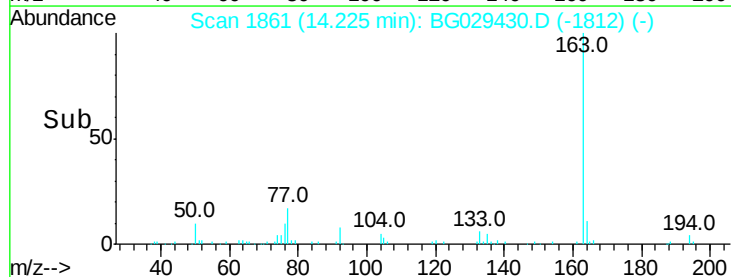
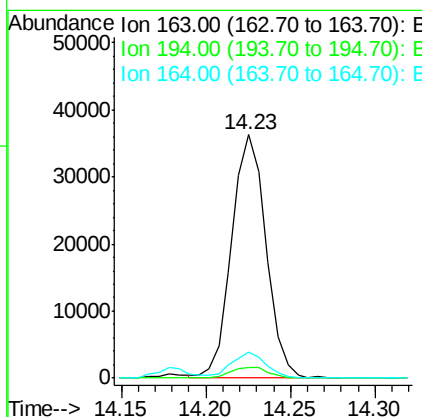
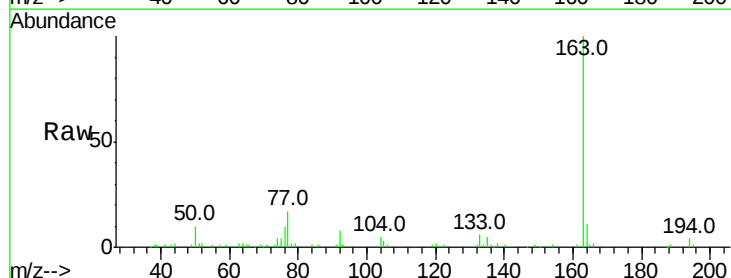


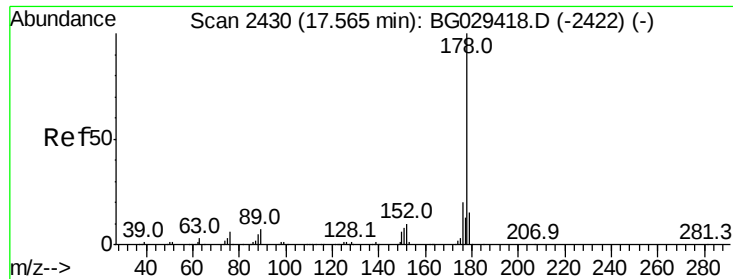
#44

Dimethylphthalate

Concen: 2.966 ng/ul
 RT: 14.23 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BG029430.D
 Acq: 24 Oct 2017 18:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.8	7.6	11.4





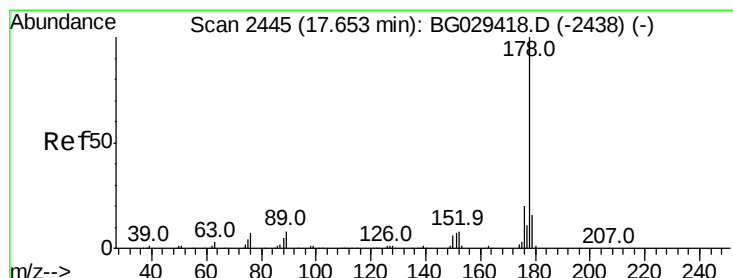
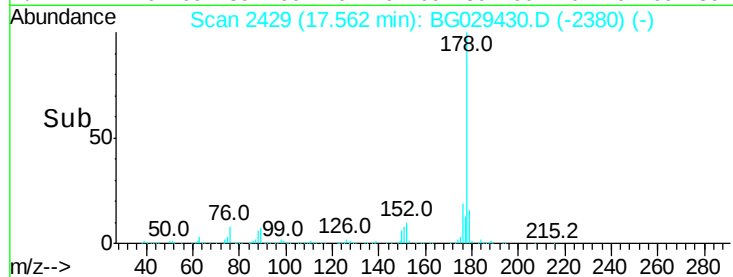
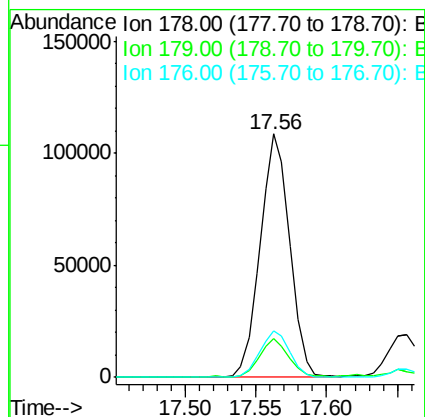
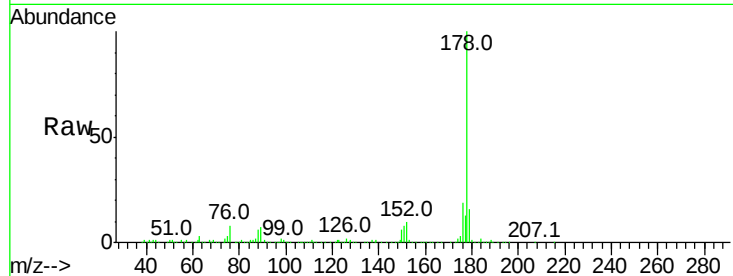
#69
Phenanthrene
Concen: 5.982 ng/ul
RT: 17.56 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG029430.D
Acq: 24 Oct 2017 18:41

Instrument :
BNA_G
ClientSampleId :
CB3L9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	19.1	15.3	22.9

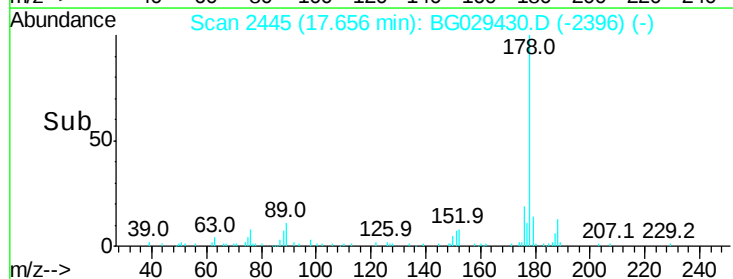
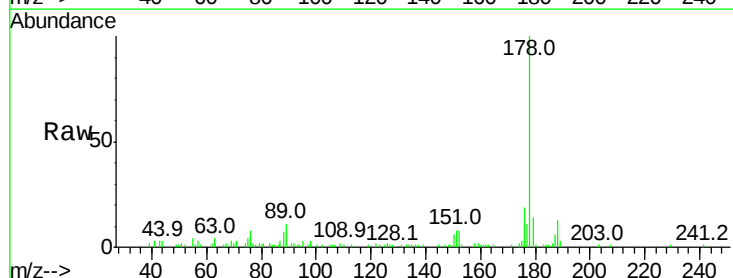
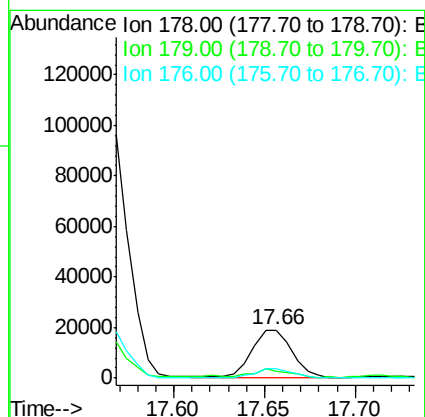
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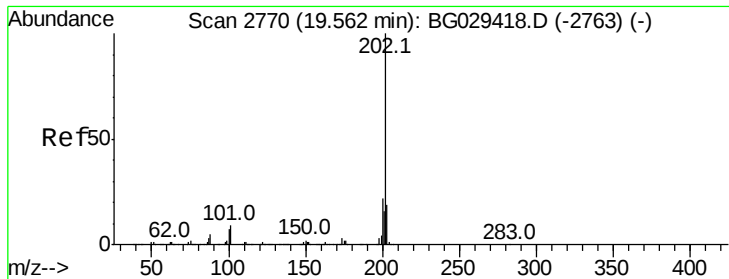
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#71
Anthracene
Concen: 1.090 ng/ul
RT: 17.66 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG029430.D
Acq: 24 Oct 2017 18:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.9	13.2	19.8
176	19.1	16.0	24.0





#74

Fluoranthene

Concen: 11.521 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Instrument :

BNA_G

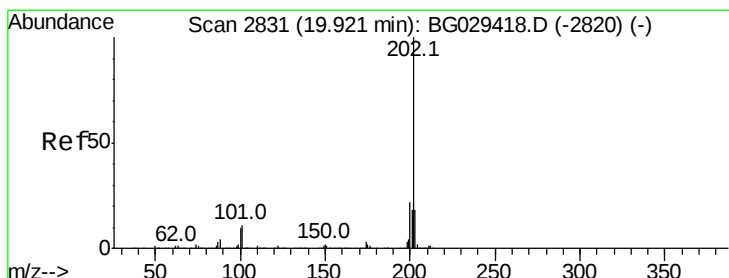
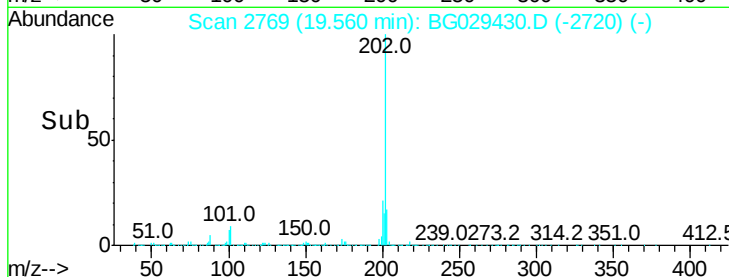
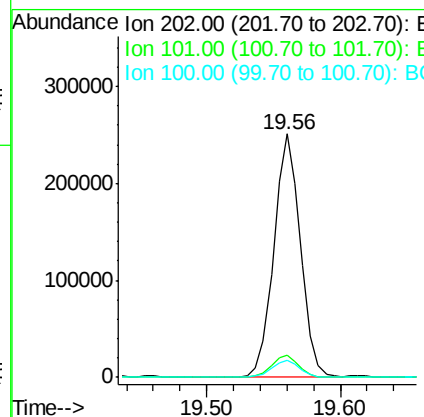
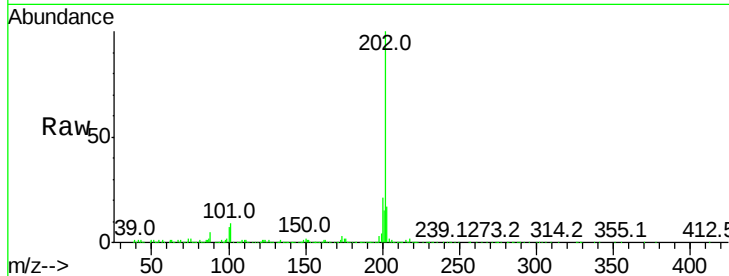
ClientSampleId :

CB3L9

Tot Ion:	202	Resp:	345288
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.4	11.2
100	7.1	5.6	8.4

Manual Integrations
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#77

Pyrene

Concen: 9.113 ng/ul

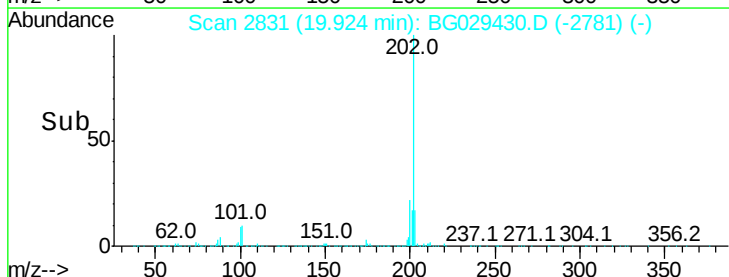
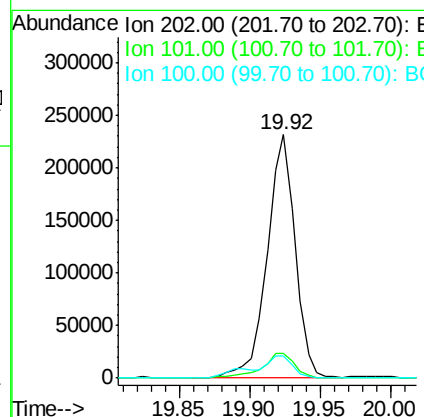
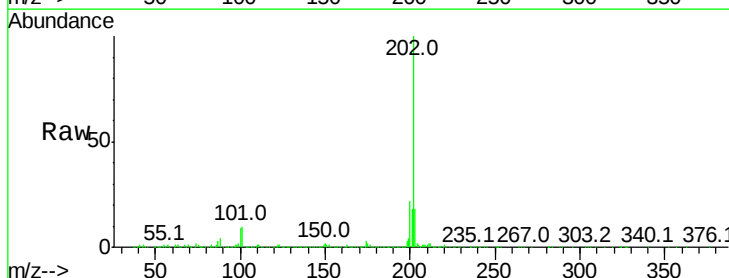
RT: 19.92 min Scan# 2831

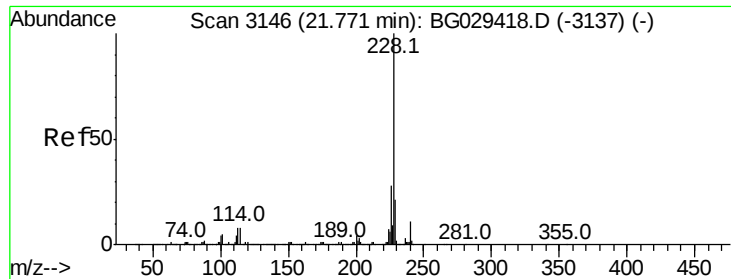
Delta R.T. -0.00 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Tgt Ion:	202	Resp:	322348
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.4	12.6
100	9.3	7.0	10.6





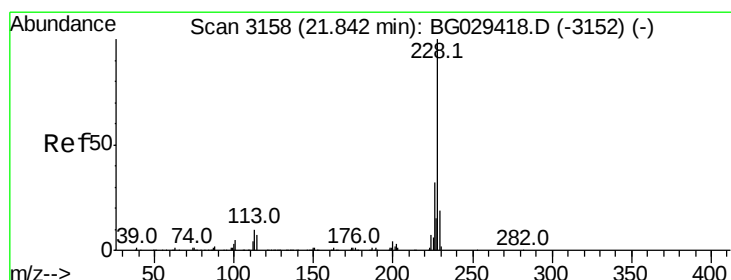
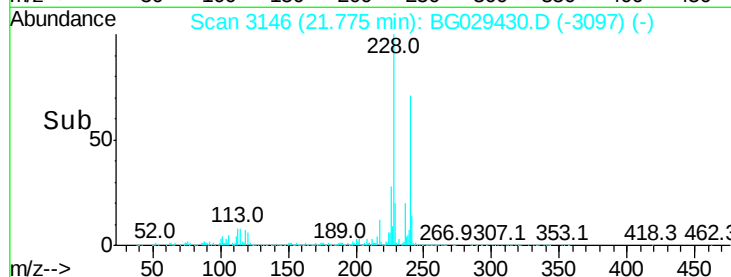
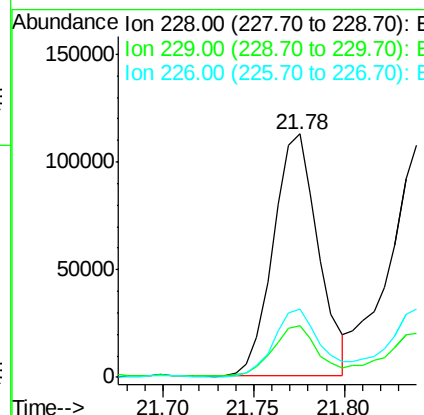
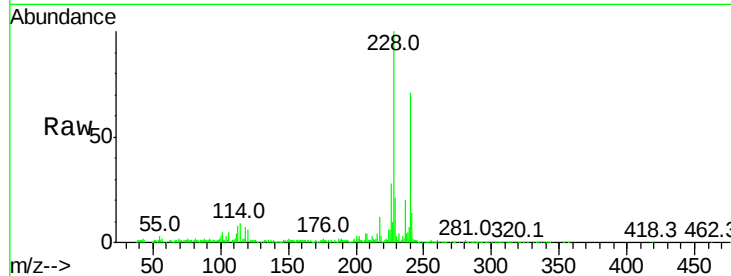
#80
Benzo(a)anthracene
Concen: 5.900 ng/ul
RT: 21.78 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029430.D
Acq: 24 Oct 2017 18:41

Instrument :
BNA_G
ClientSampled :
CB3L9

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.4
226	28.2	22.2	33.2

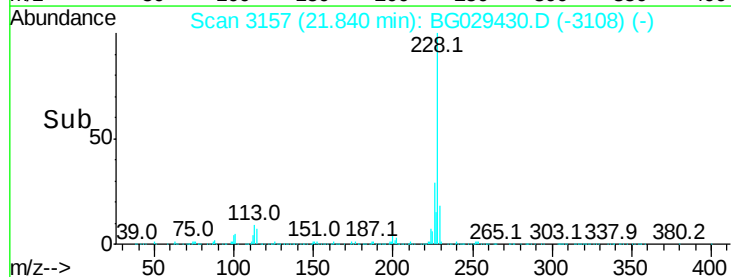
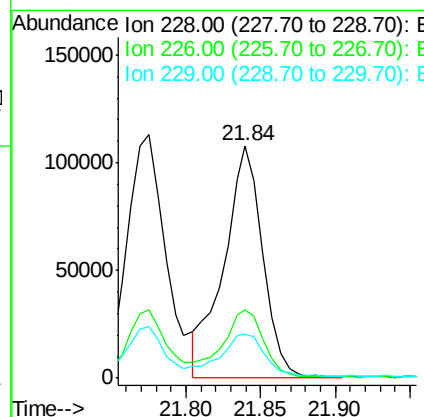
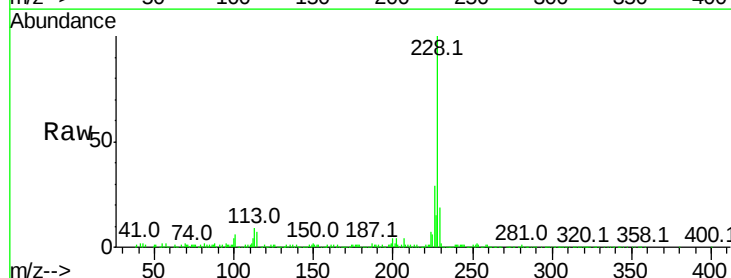
Manual Integrations
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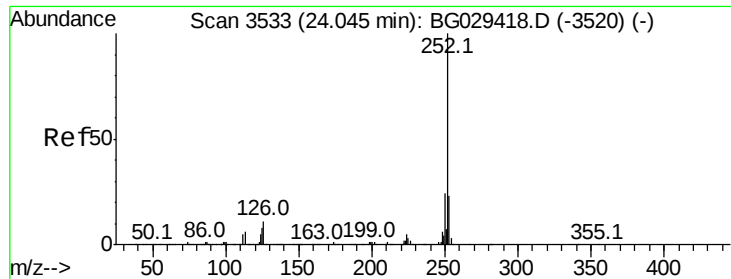
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#82
Chrysene
Concen: 6.486 ng/ul
RT: 21.84 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG029430.D
Acq: 24 Oct 2017 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	19.0	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 8.227 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Instrument :

BNA_G

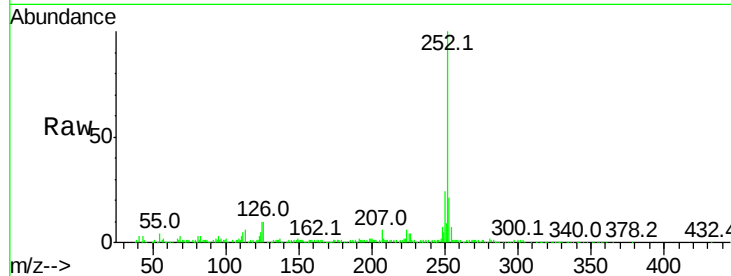
ClientSampled :

CB3L9

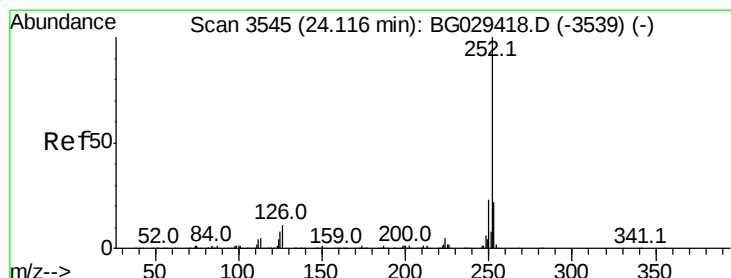
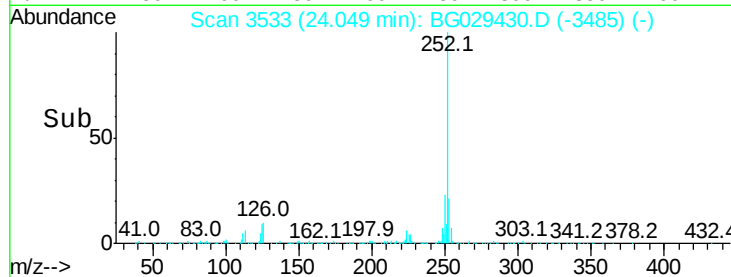
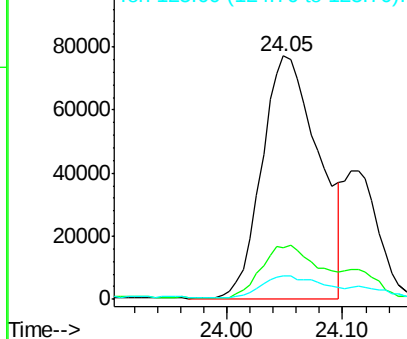
Tot Ion:	252	Resp:	263578
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.0	25.4
125	9.6	7.5	11.3

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 3.200 ng/ul m

RT: 24.11 min Scan# 3544

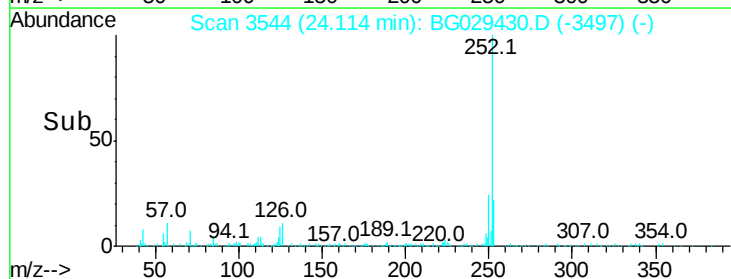
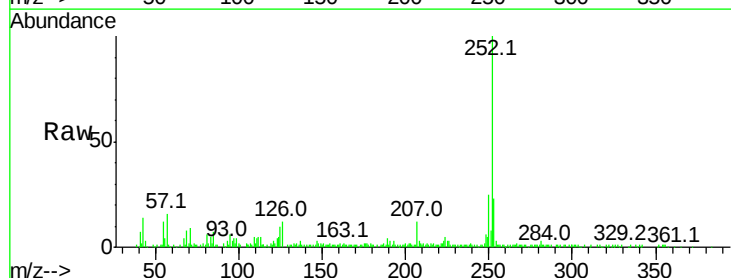
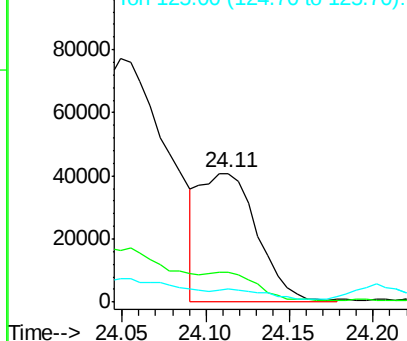
Delta R.T. -0.02 min

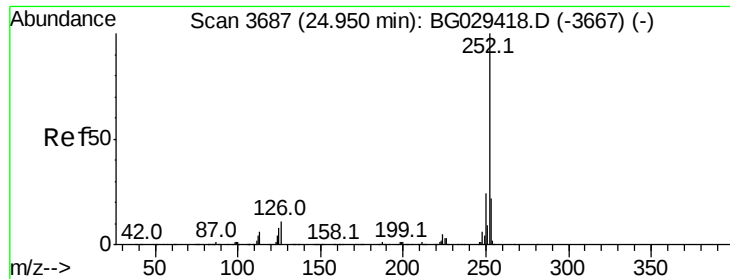
Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Tgt Ion:	252	Resp:	99140
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	10.4	7.8	11.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.405 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Instrument :

BNA_G

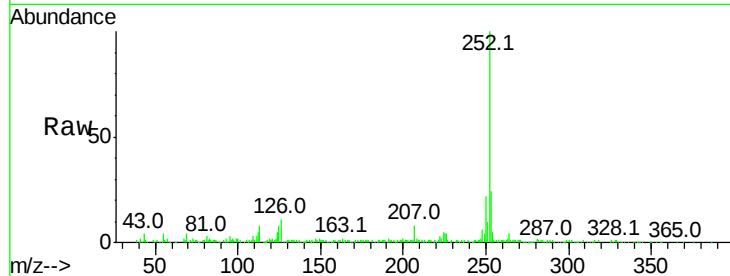
ClientSampleId :

CB3L9

Tot Ion:	252	Resp:	168573
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.1	25.7
125	8.3	7.8	11.8

Manual Integrations
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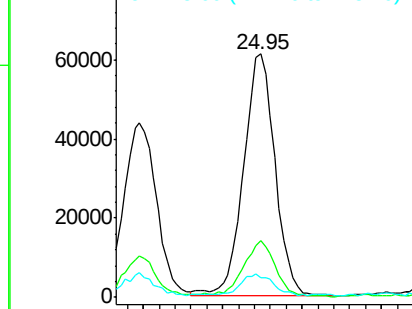


Abundance

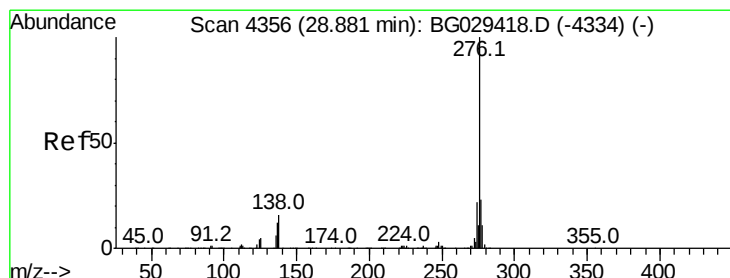
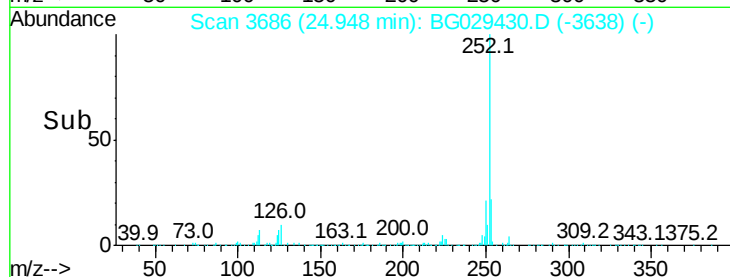
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.631 ng/ul

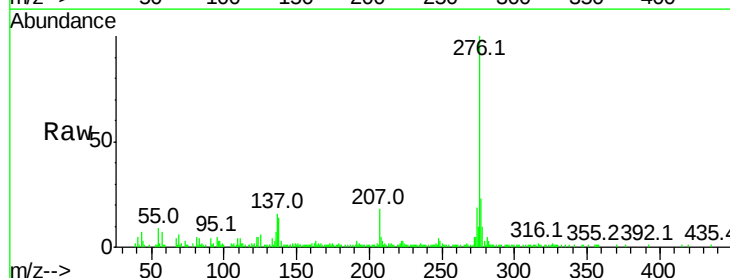
RT: 28.87 min Scan# 4354

Delta R.T. -0.04 min

Lab File: BG029430.D

Acq: 24 Oct 2017 18:41

Tgt Ion:	276	Resp:	128113
Ion Ratio	Lower	Upper	
276	100		
138	14.3	13.4	20.0
277	23.2	18.6	28.0

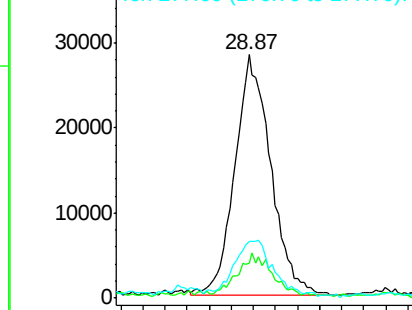


Abundance

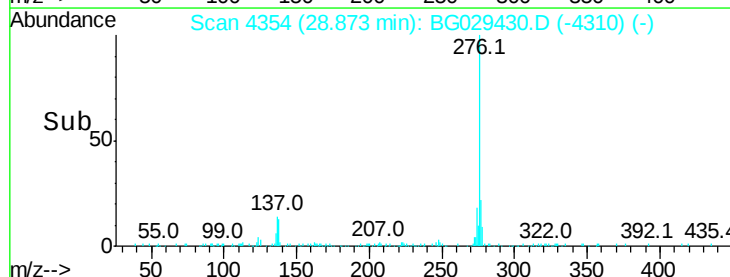
Ion 276.00 (275.70 to 276.70): E

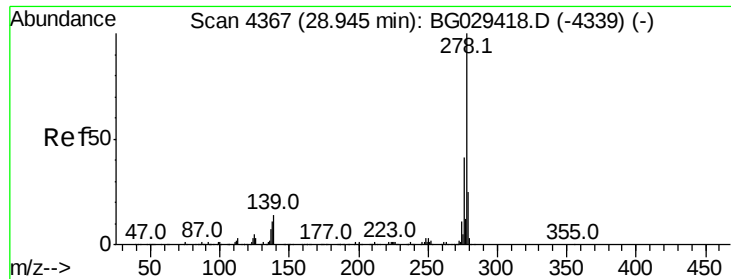
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





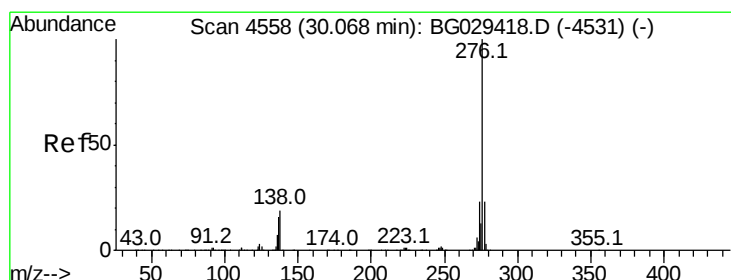
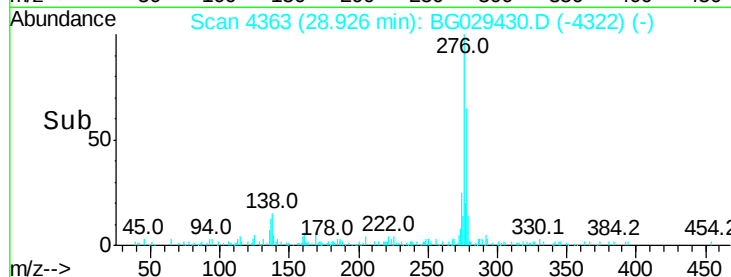
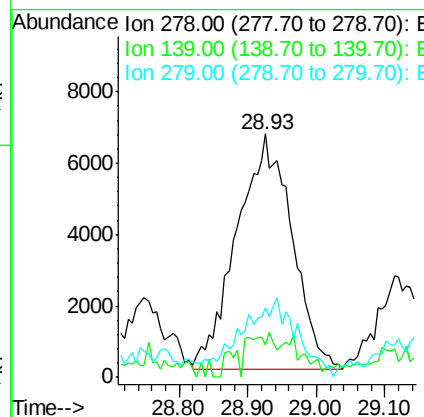
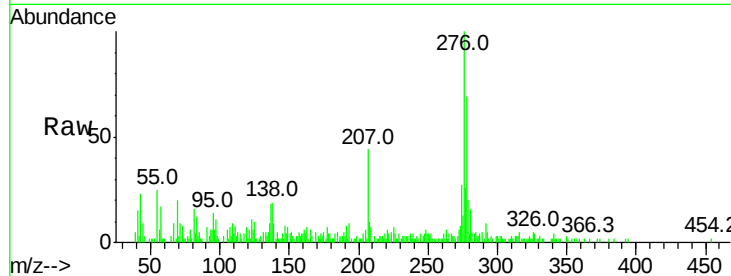
#90
Dibenzo(a,h)anthracene
Concen: 1.246 ng/ul
RT: 28.93 min Scan# 4363
Delta R.T. -0.06 min
Lab File: BG029430.D
Acq: 24 Oct 2017 18:41

Instrument :
BNA_G
ClientSampleId :
CB3L9

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.4	14.2
279	28.7	18.4	27.6#

Manual Integrations
APPROVED

Sohil
10/25/2017 6:27:16 PM



#91
Benzo(g,h,i)perylene
Concen: 3.725 ng/ul
RT: 30.07 min Scan# 4557
Delta R.T. -0.03 min
Lab File: BG029430.D
Acq: 24 Oct 2017 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.1	18.1
277	24.7	17.7	26.5

