

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029425.D
 Acq On : 24 Oct 2017 15:21
 Operator : SJ/JU
 Sample : I5925-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3L4

Manual Integrations
 APPROVED

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 10/25/2017 6:27:08 PM

Quant Time: Oct 24 19:32:41 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	60615	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.99	136	289935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	197400	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	469380	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	498864	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	502718	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9815	6.58	ng/uL	0.00
5) Phenol-d5	7.31	99	208052	35.76	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	122942	33.77	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.70	132	163232	39.77	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	182084	38.75	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	85839	41.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	100331	47.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192531	39.62	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	236711	41.92	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	638574	37.84	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	792118	38.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	86494	27.76	ng/ul	-0.01
57) Fluorene-d10	15.77	176	586573	42.44	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	75801	33.08	ng/ul	-0.01
70) Anthracene-d10	17.62	188	864467m	38.94	ng/ul	-0.01
76) Pyrene-d10	19.89	212	998320	38.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	976641	41.02	ng/ul	-0.01

Target Compounds

					Ovalue	
28) Naphthalene	11.03	128	29795	1.942	ng/ul	96
34) 2-Methylnaphthalene	12.62	142	18014	1.418	ng/ul	98
44) Dimethylphthalate	14.22	163	25180	1.530	ng/ul#	95
49) Acenaphthene	14.85	153	23368	1.631	ng/ul	94
53) Dibenzofuran	15.18	168	29543	1.509	ng/ul	91
58) Fluorene	15.82	166	30308	1.940	ng/ul#	95
69) Phenanthrene	17.57	178	634701	25.014	ng/ul	99
71) Anthracene	17.65	178	121773	4.651	ng/ul	98
72) Carbazole	17.92	167	46565	1.979	ng/ul	99
74) Fluoranthene	19.56	202	1118384	39.438	ng/ul	99
77) Pyrene	19.92	202	994297	29.739	ng/ul	97
80) Benzo(a)anthracene	21.77	228	587247	18.784	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	24768	1.261	ng/ul#	97
82) Chrysene	21.84	228	534672	18.822	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	697366	23.107	ng/ul	99
86) Benzo(k)fluoranthene	24.11	252	245020m	8.397	ng/ul	
88) Benzo(a)pyrene	24.95	252	453708	15.444	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.87	276	308051	9.268	ng/ul	99
90) Dibenzo(a,h)anthracene	28.93	278	87362	3.164	ng/ul	98
91) Benzo(g,h,i)perylene	30.06	276	268170	9.734	ng/ul	96

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

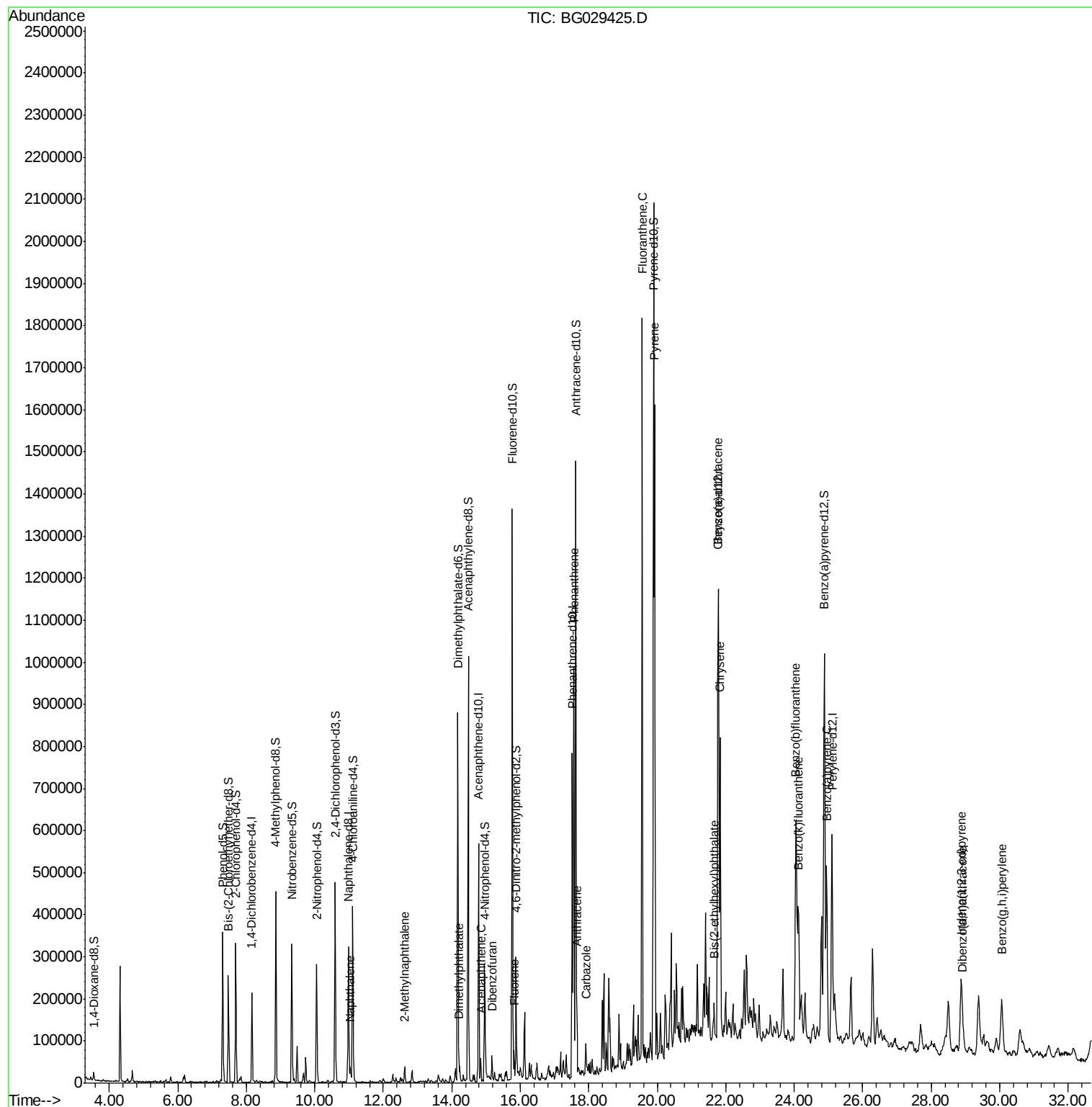
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029425.D
Acq On : 24 Oct 2017 15:21
Operator : SJ/JU
Sample : I5925-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

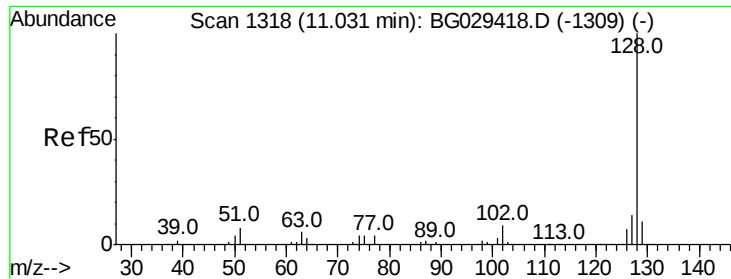
Instrument :
BNA_G
ClientSampled :
CB3L4

Manual Integrations
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Quant Time: Oct 24 19:32:41 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





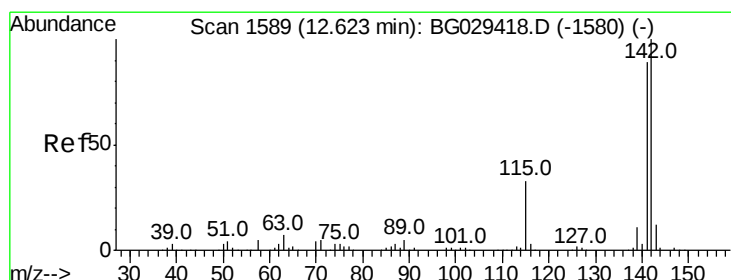
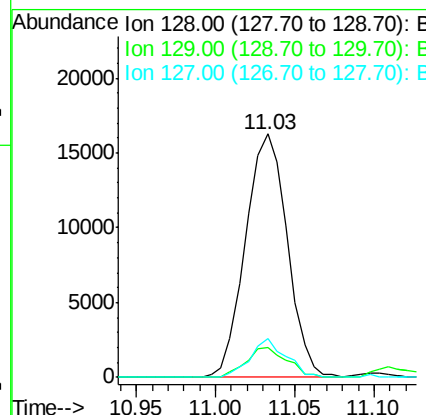
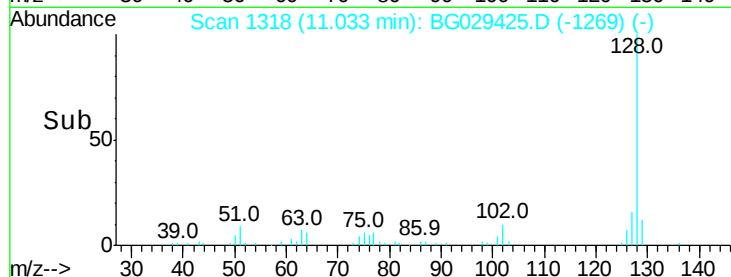
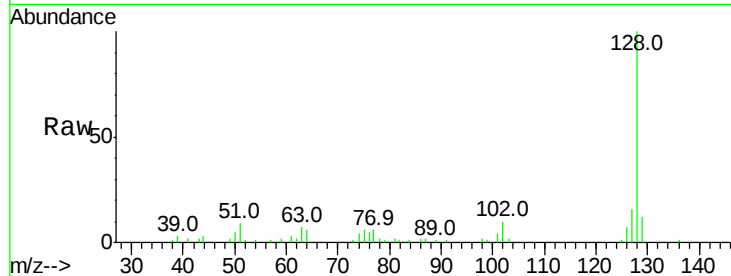
#28
Naphthalene
Concen: 1.942 ng/ul
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :
CB3L4

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	15.8	10.7	16.1

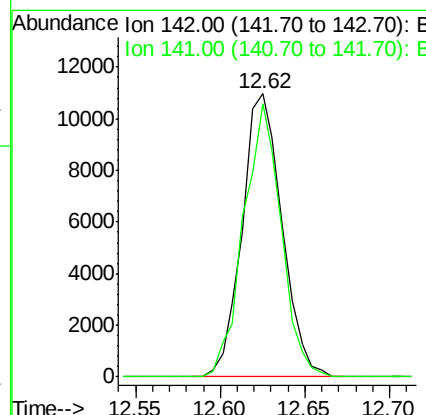
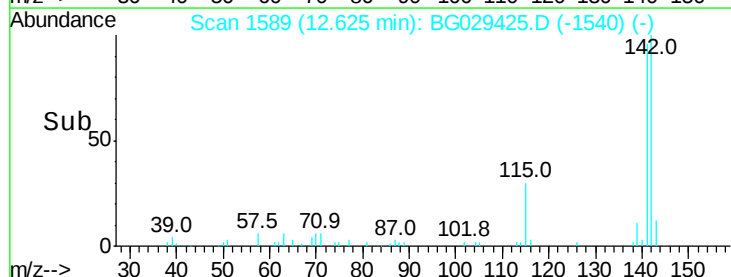
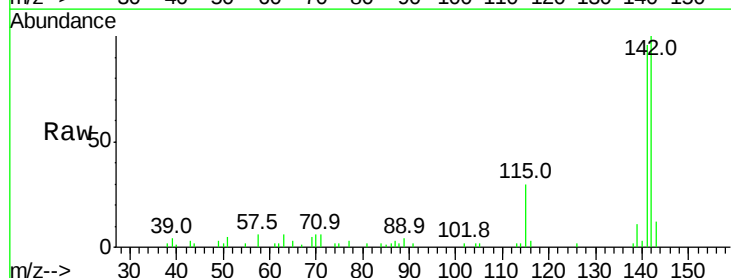
Manual Integrations
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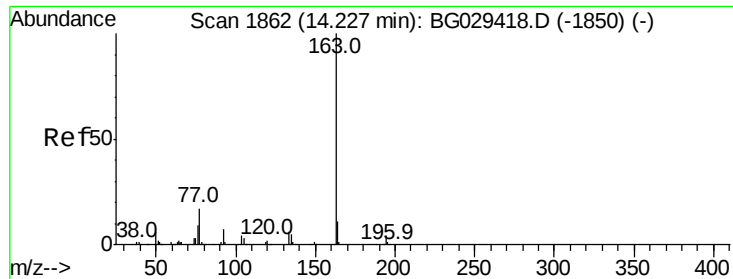
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#34
2-Methylnaphthalene
Concen: 1.418 ng/ul
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	75.4	113.0





#44

Dimethylphthalate

Concen: 1.530 ng/ul

RT: 14.22 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG029425.D

Acq: 24 Oct 2017 15:21

Instrument :

BNA_G

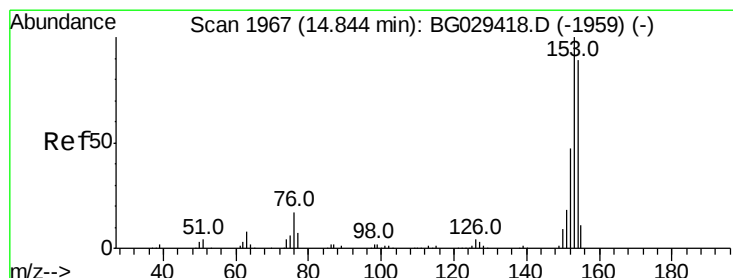
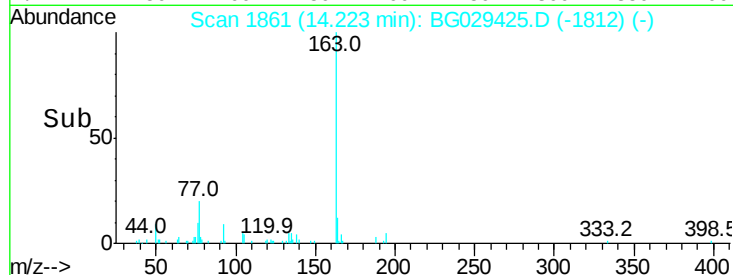
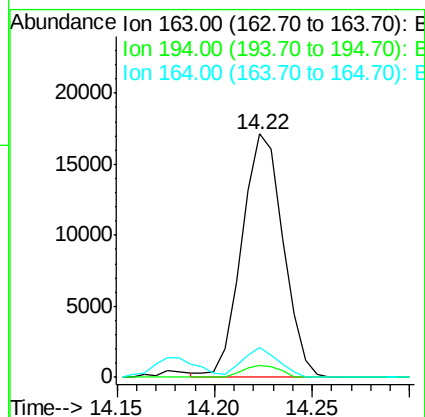
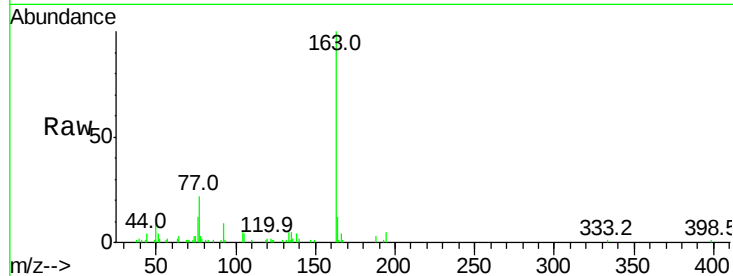
ClientSampleId :

CB3L4

Tot Ion:	163	Resp:	25180
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	12.2	7.6	11.4#

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#49

Acenaphthene

Concen: 1.631 ng/ul

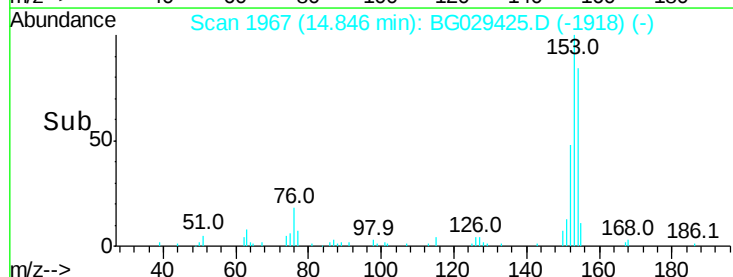
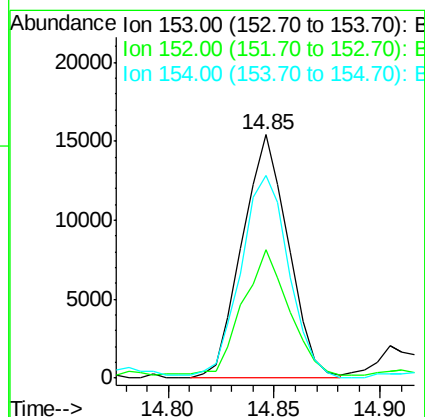
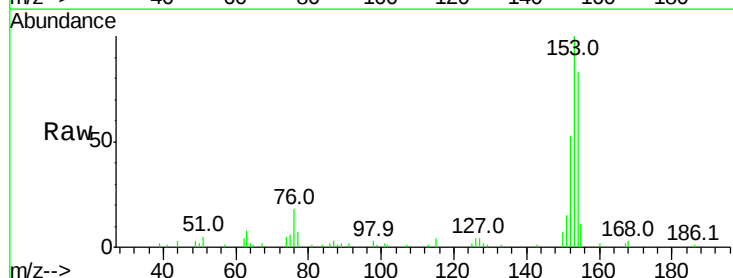
RT: 14.85 min Scan# 1967

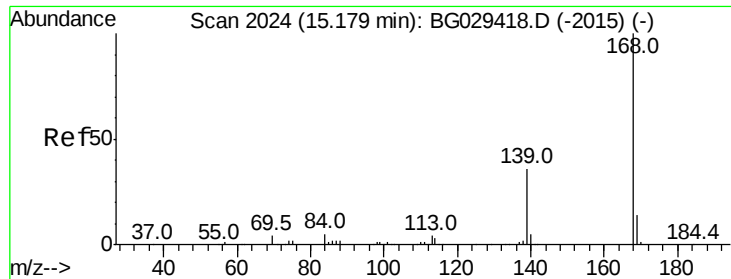
Delta R.T. -0.01 min

Lab File: BG029425.D

Acq: 24 Oct 2017 15:21

Tgt Ion:	153	Resp:	23368
Ion Ratio	Lower	Upper	
153	100		
152	53.0	38.2	57.2
154	83.3	70.6	105.8





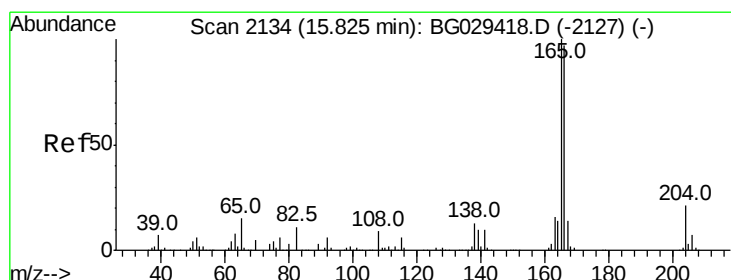
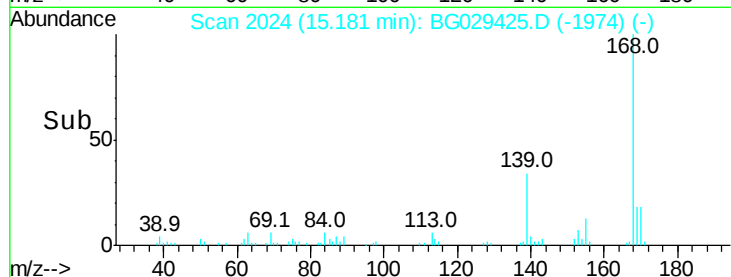
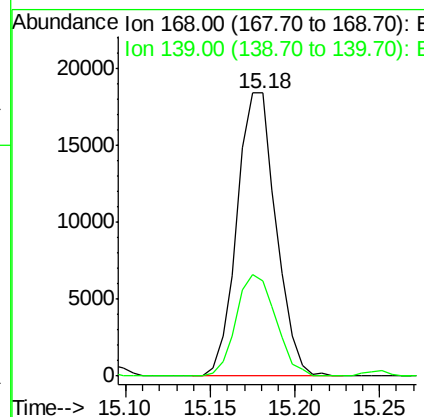
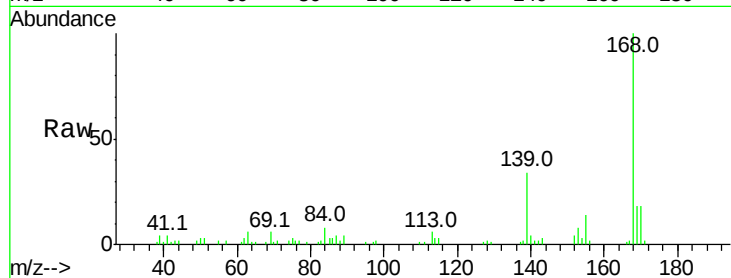
#53
Dibenzenofuran
Concen: 1.509 ng/ul
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampleId :
CB3L4

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.7	31.4	47.2

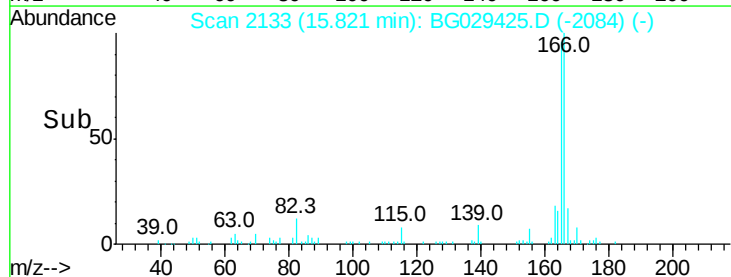
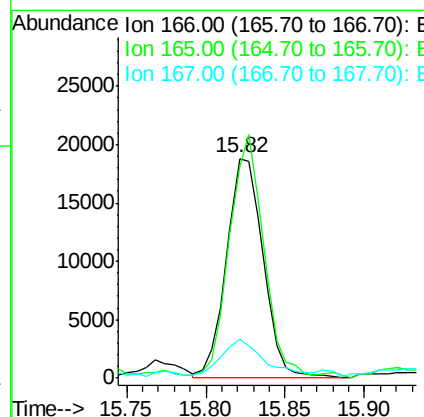
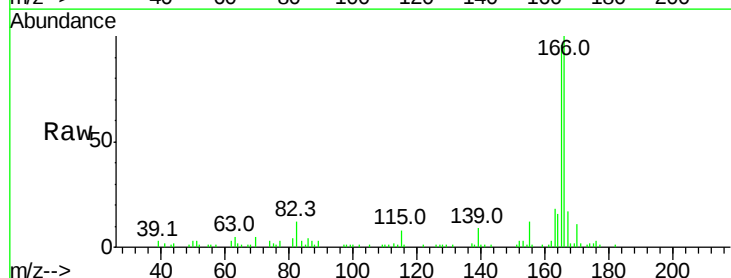
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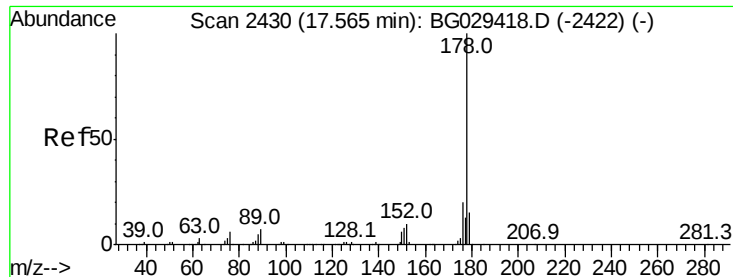
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#58
Fluorene
Concen: 1.940 ng/ul
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.9	119.9
167	17.4	10.6	16.0#





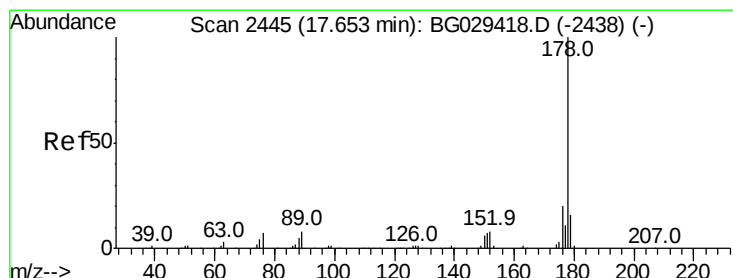
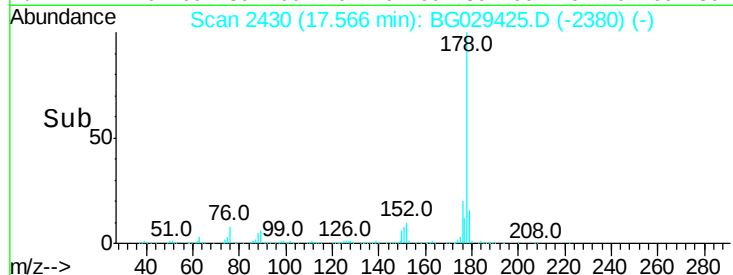
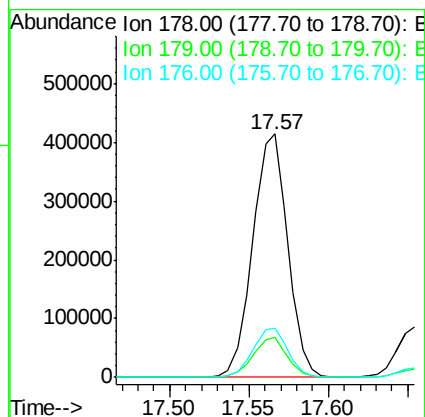
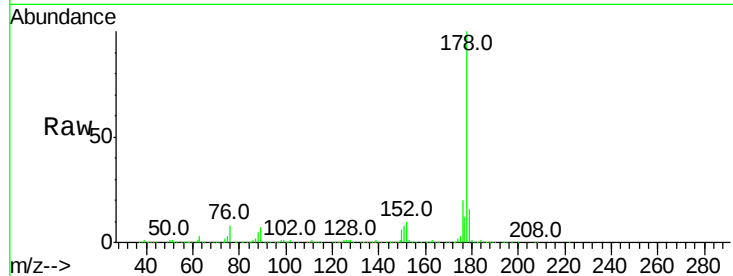
#69
Phenanthrene
Concen: 25.014 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampled :
CB3L4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	20.3	15.3	22.9

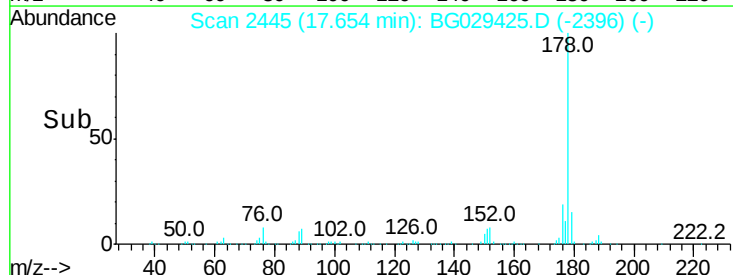
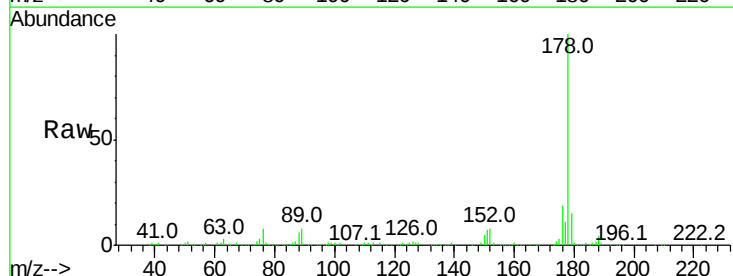
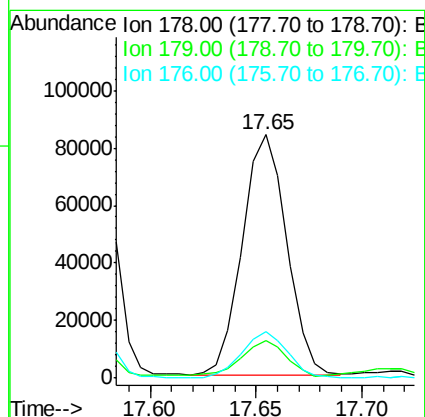
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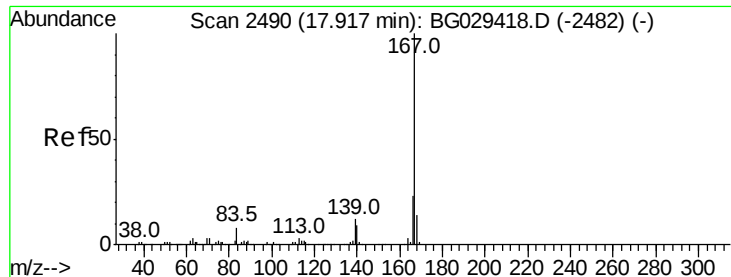
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#71
Anthracene
Concen: 4.651 ng/ul
RT: 17.65 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.2	19.8
176	19.1	16.0	24.0





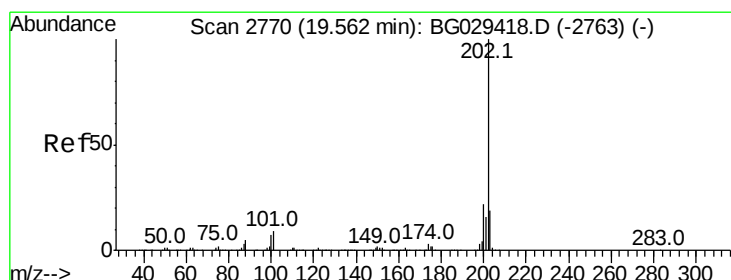
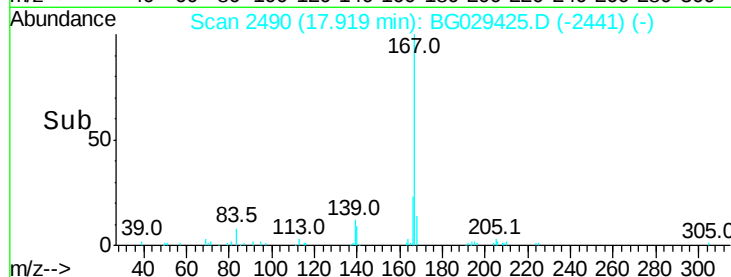
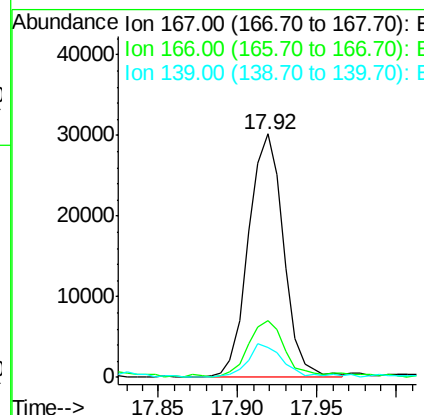
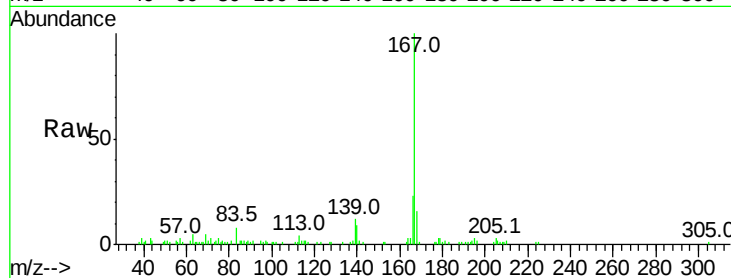
#72
 Carbazole
 Concen: 1.979 ng/ul
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BG029425.D
 Acq: 24 Oct 2017 15:21

Instrument :
 BNA_G
 ClientSampleId :
 CB3L4

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.6	28.0
139	12.2	10.6	16.0

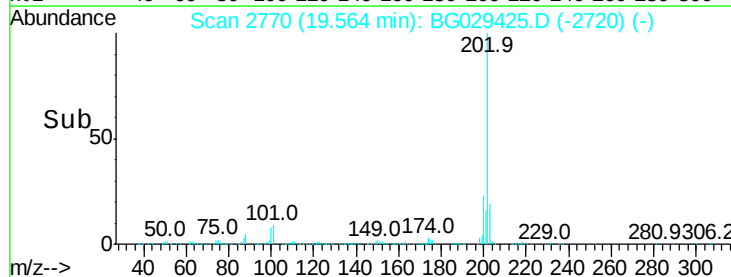
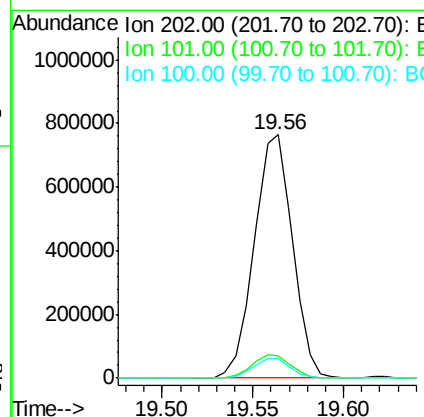
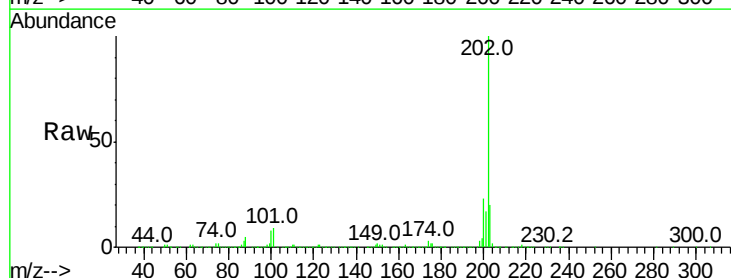
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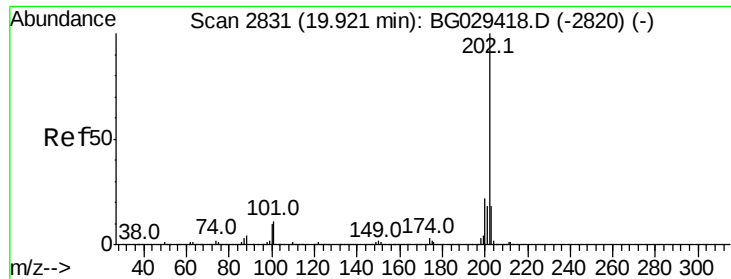
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#74
 Fluoranthene
 Concen: 39.438 ng/ul
 RT: 19.56 min Scan# 2770
 Delta R.T. -0.01 min
 Lab File: BG029425.D
 Acq: 24 Oct 2017 15:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	7.8	5.6	8.4





#77

Pvrene

Concen: 29.739 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029425.D

Acq: 24 Oct 2017 15:21

Instrument :

BNA_G

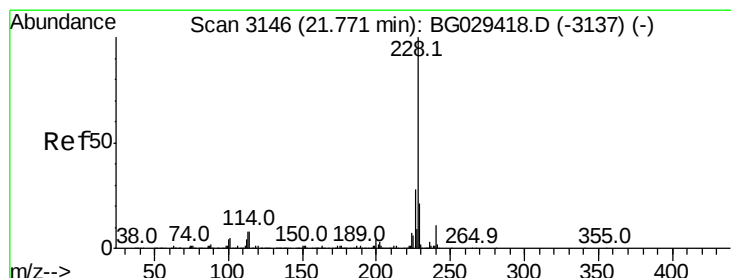
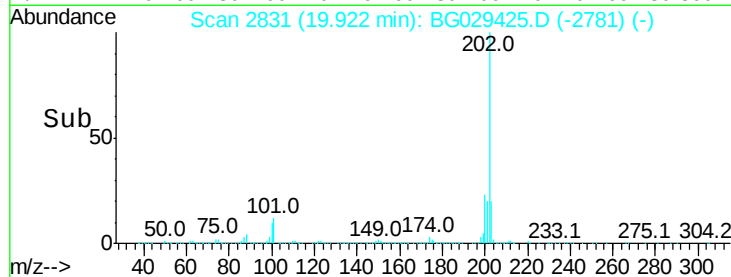
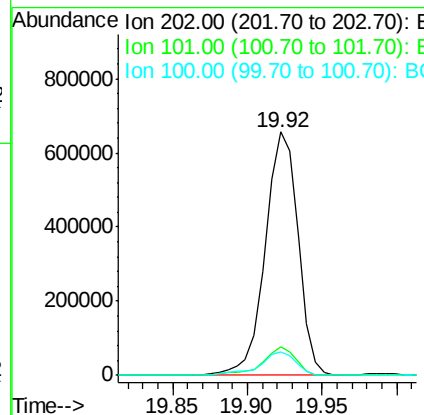
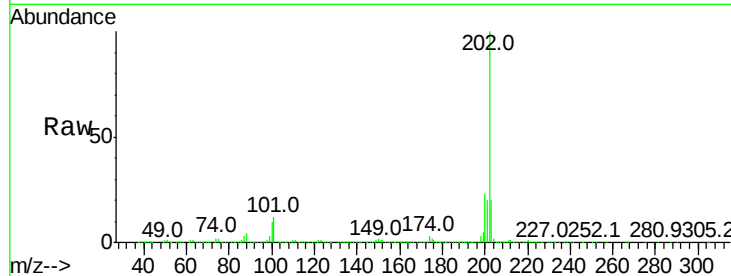
ClientSampleId :

CB3L4

Tot Ion:	202	Resp:	994297
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.4	12.6
100	9.7	7.0	10.6

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#80

Benzo(a)anthracene

Concen: 18.784 ng/ul

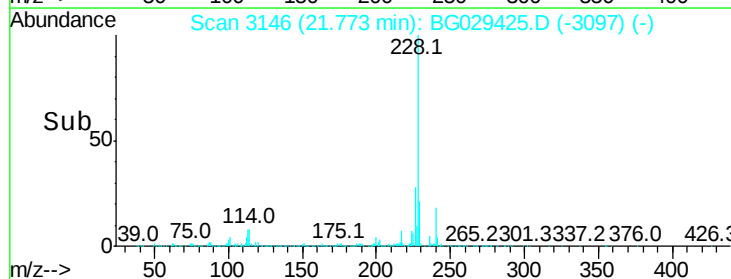
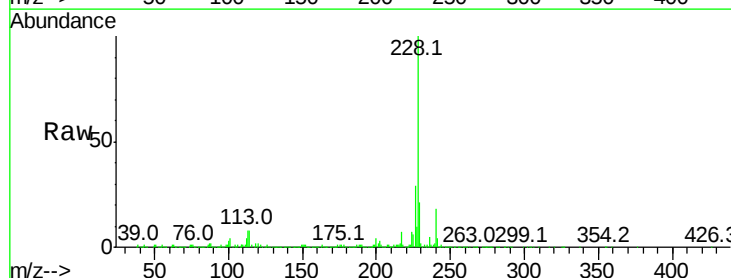
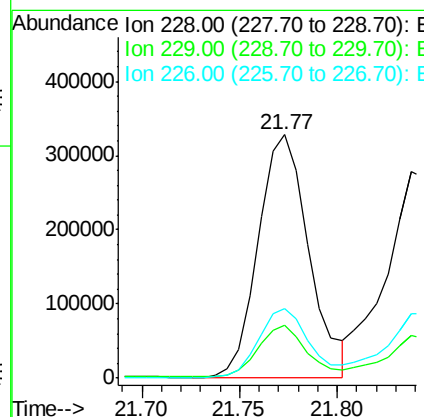
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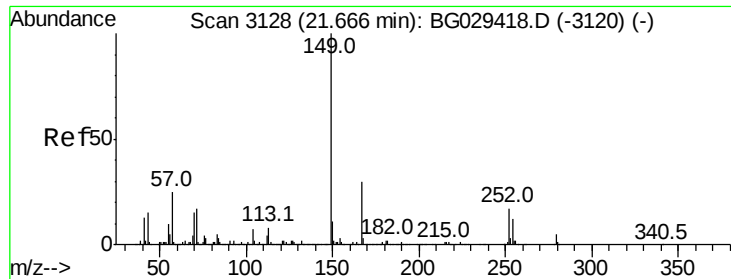
Delta R.T. -0.01 min

Lab File: BG029425.D

Acq: 24 Oct 2017 15:21

Tgt Ion:	228	Resp:	587247
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.2	24.4
226	28.5	22.2	33.2





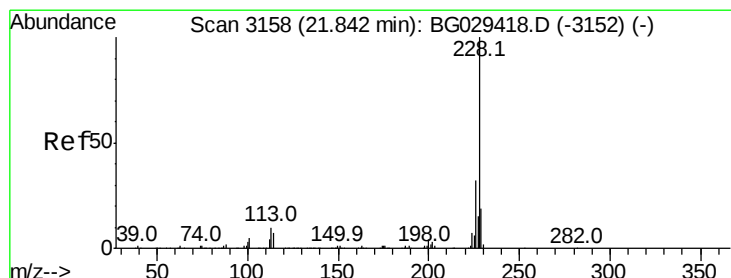
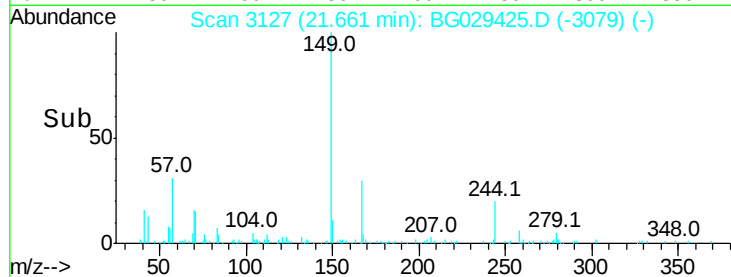
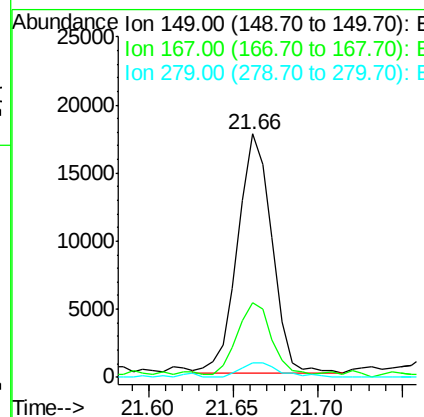
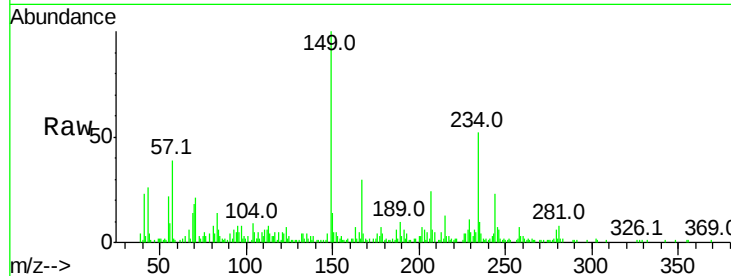
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.261 ng/ul
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG029425.D
 Acq: 24 Oct 2017 15:21

Instrument :
 BNA_G
 ClientSampleId :
 CB3L4

Tot Ion	Ratio	Resp	Lower	Upper
149	100	24768		
167	30.4	23.2	34.8	
279	5.8	3.1	4.7#	

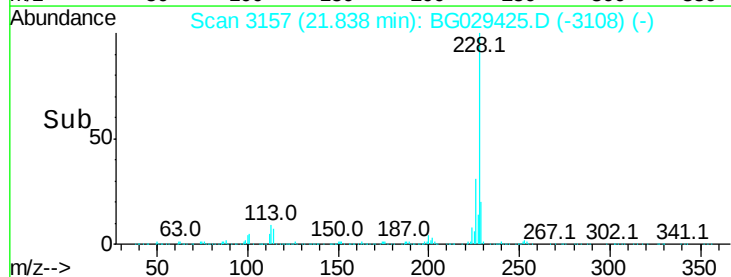
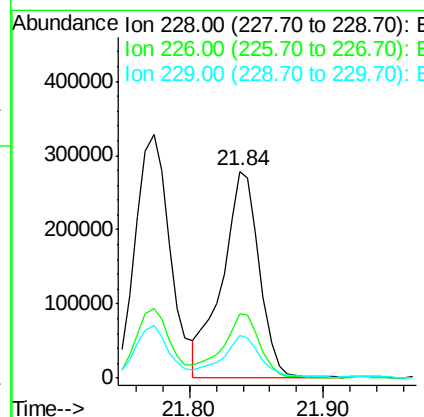
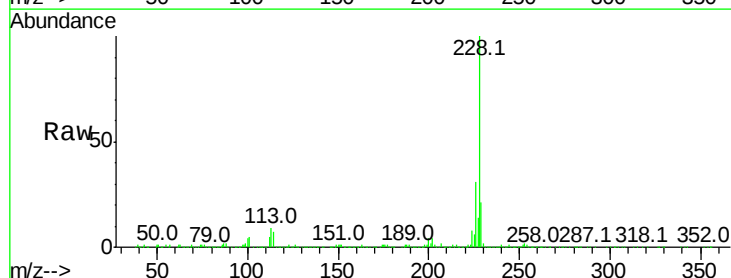
Manual Integrations
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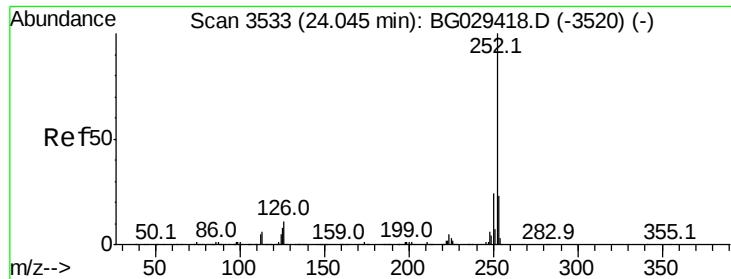
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#82
 Chrysene
 Concen: 18.822 ng/ul
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG029425.D
 Acq: 24 Oct 2017 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	534672		
226	31.3	24.2	36.2	
229	20.6	15.2	22.8	





#85

Benzo(b)fluoranthene

Concen: 23.107 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029425.D

Acq: 24 Oct 2017 15:21

Instrument :

BNA_G

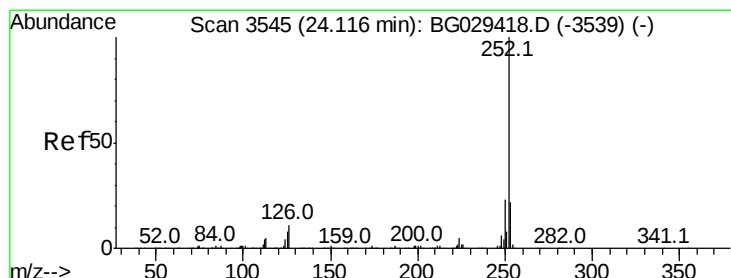
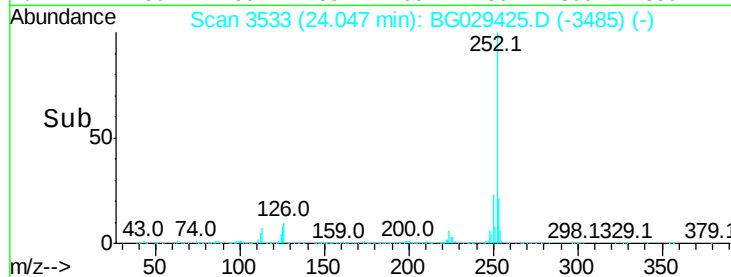
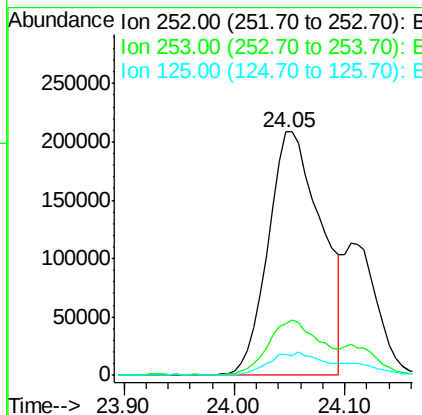
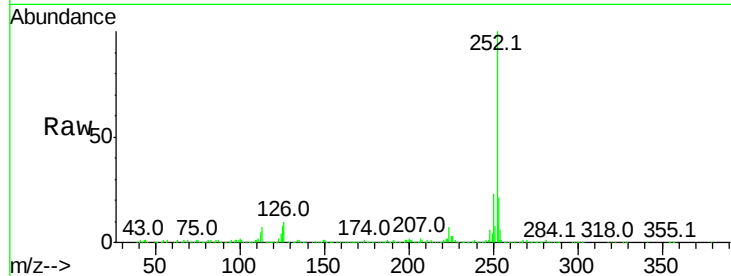
ClientSampleId :

CB3L4

Tot Ion:	252	Resp:	697366
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.0	25.4
125	8.4	7.5	11.3

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 8.397 ng/ul m

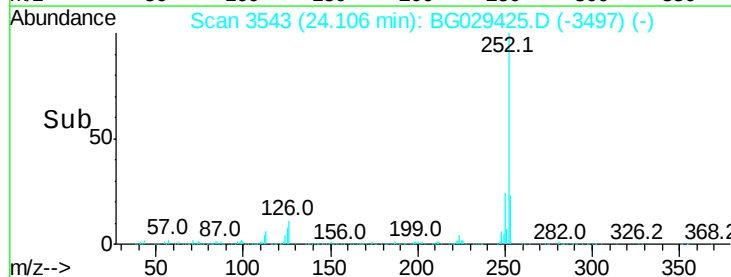
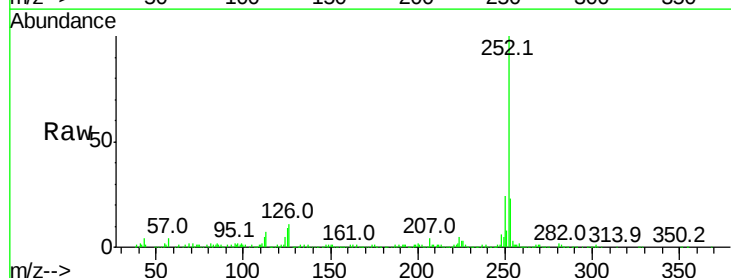
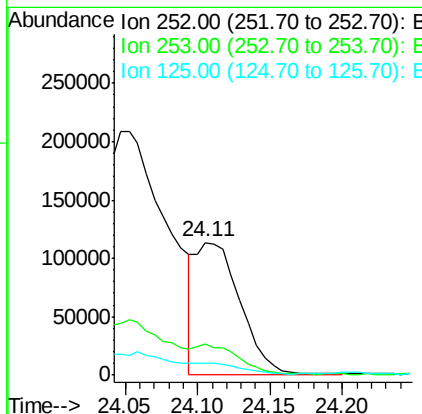
RT: 24.11 min Scan# 3543

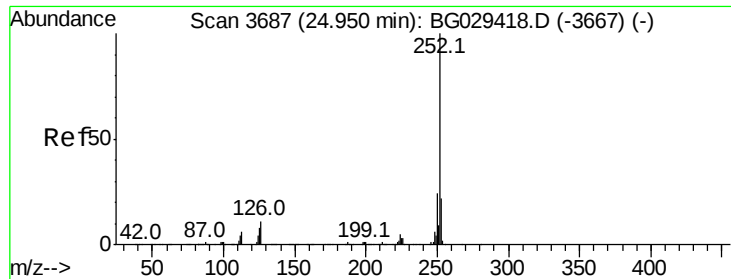
Delta R.T. -0.03 min

Lab File: BG029425.D

Acq: 24 Oct 2017 15:21

Tgt Ion:	252	Resp:	245020
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	8.8	7.8	11.8





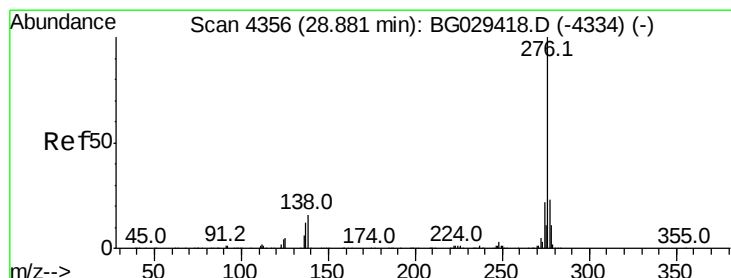
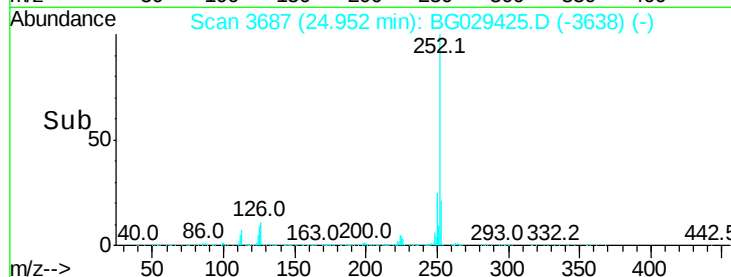
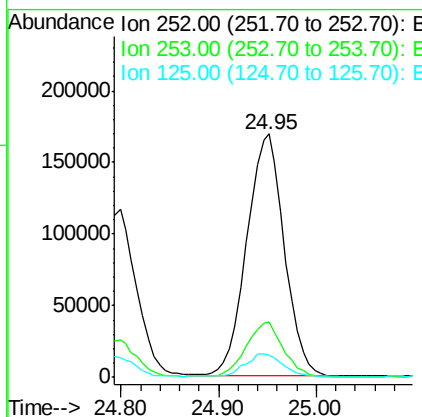
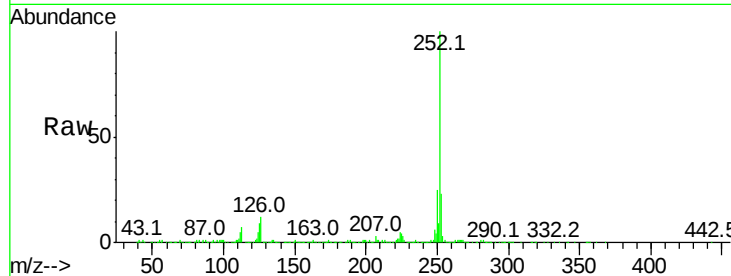
#88
Benzo(a)pyrene
Concen: 15.444 ng/ul
RT: 24.95 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Instrument :
BNA_G
ClientSampled :
CB3L4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.2	7.8	11.8

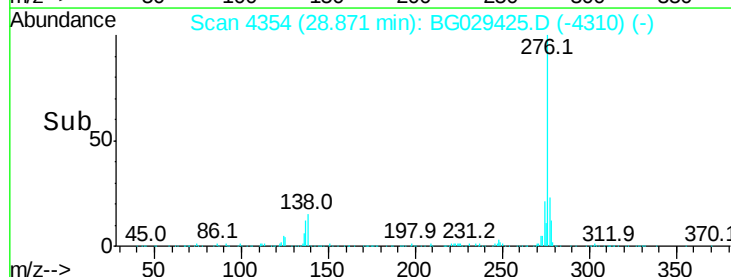
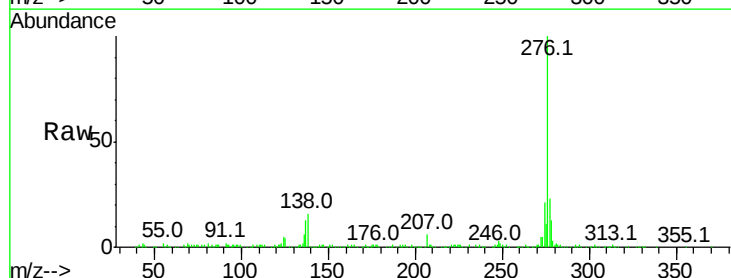
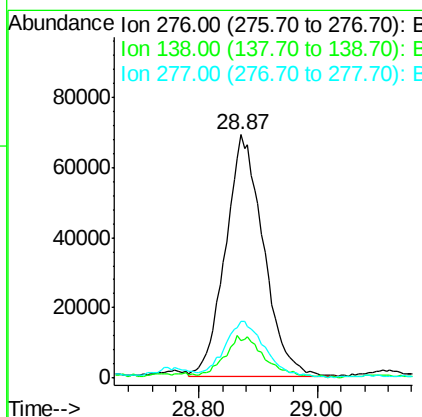
Manual Integrations
APPROVED

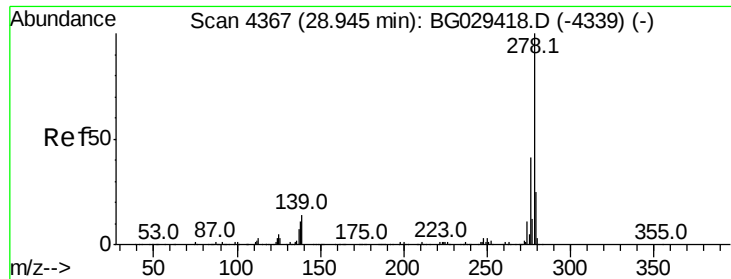
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#89
Indeno(1,2,3-cd)pyrene
Concen: 9.268 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. -0.04 min
Lab File: BG029425.D
Acq: 24 Oct 2017 15:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	13.4	20.0
277	23.2	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 3.164 ng/ul

RT: 28.93 min Scan# 4364

Delta R.T. -0.05 min

Lab File: BG029425.D

Acq: 24 Oct 2017 15:21

Instrument :

BNA_G

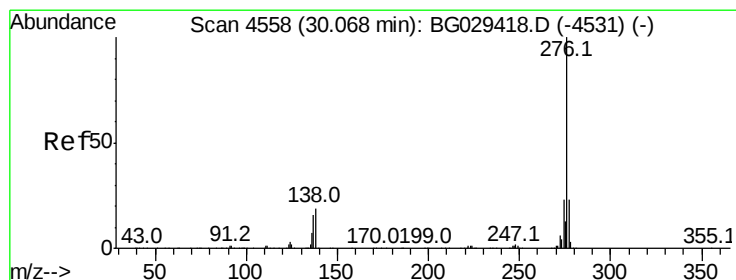
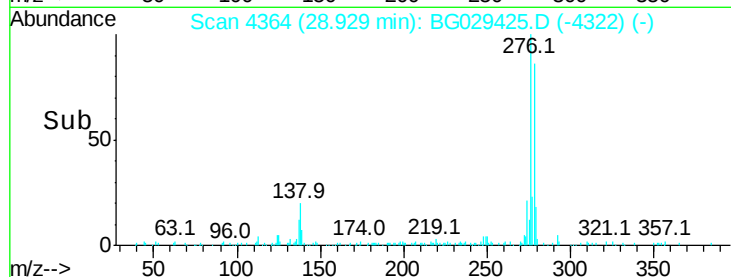
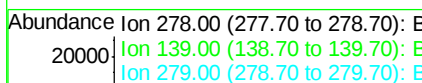
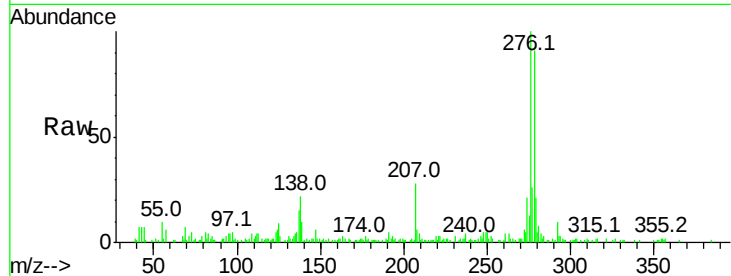
ClientSampleId :

CB3L4

Tot Ion:	278	Resp:	87362
Ion Ratio	Lower	Upper	
278	100		
139	10.5	9.4	14.2
279	23.4	18.4	27.6

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 9.734 ng/ul

RT: 30.06 min Scan# 4557

Delta R.T. -0.04 min

Lab File: BG029425.D

Acq: 24 Oct 2017 15:21

Tgt Ion:	276	Resp:	268170
Ion Ratio	Lower	Upper	
276	100		
138	17.9	12.1	18.1
277	23.3	17.7	26.5

