

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020275.D
 Acq On : 18 Dec 2015 14:59
 Operator : UM/SJ
 Sample : G4767-12DL2 30X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N34DL2

Manual Integrations
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 12/22/2015 12:33:44 PM

Quant Time: Dec 21 09:43:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 23:45:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	69747	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	50509	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	133429	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	174008	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	159007	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	787	0.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	458	0.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	583	0.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	485m	0.40	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	136	0.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	193	0.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	663	0.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	923	0.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	3069	0.75	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	3194	0.67	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.72	176	3040	0.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	4880	0.79	ng/ul	0.00
79) Pyrene-d10	19.85	212	5329	0.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	4876	0.61	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.96	128	148808	40.86	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	52594	18.90	ng/ul	94
41) 1,1'-Biphenyl	13.56	154	18274	4.80	ng/ul	96
50) Acenaphthene	14.79	153	79967	23.54	ng/ul	99
54) Dibenzofuran	15.12	168	83633	16.55	ng/ul	98
59) Fluorene	15.77	166	82046	20.21	ng/ul	97
70) Phenanthrene	17.51	178	356939	48.91	ng/ul	99
72) Anthracene	17.61	178	29807	4.03	ng/ul	99
75) Carbazole	17.87	167	13359	2.15	ng/ul	95
77) Fluoranthene	19.52	202	214669	25.17	ng/ul	98
80) Pyrene	19.88	202	140312	13.32	ng/ul	98
83) Benzo(a)anthracene	21.72	228	35399	3.49	ng/ul	97
85) Chrysene	21.79	228	29955	3.13	ng/ul	97
88) Benzo(b)fluoranthene	23.98	252	15644m	1.63	ng/ul	

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

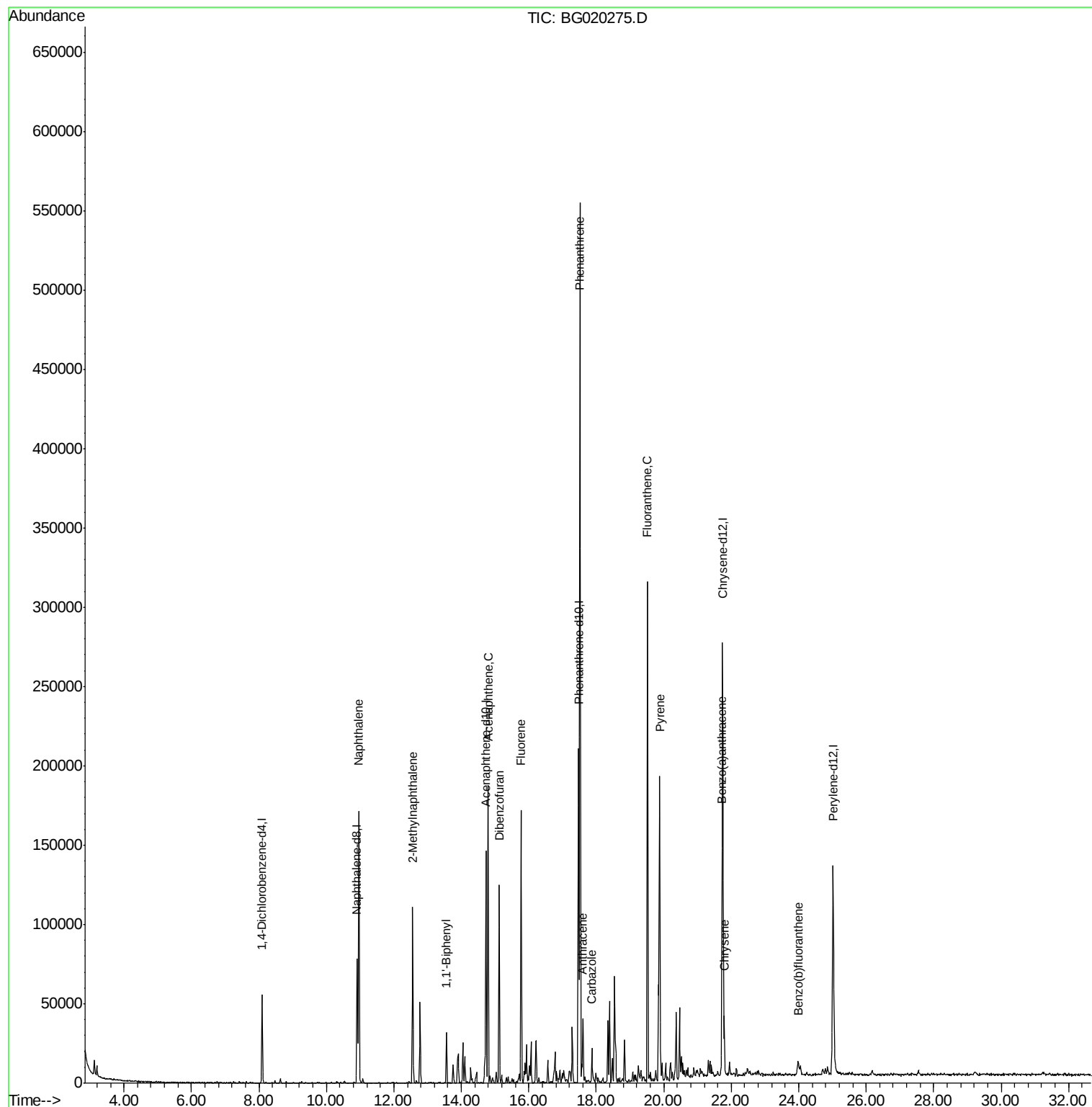
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020275.D
Acq On : 18 Dec 2015 14:59
Operator : UM/SJ
Sample : G4767-12DL2 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

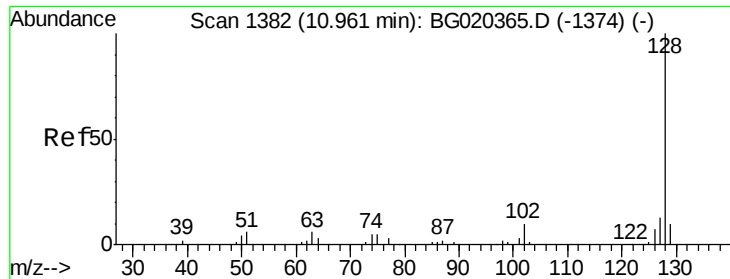
Instrument :
BNA_G
ClientSampleId :
D9N34DL2

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Quant Time: Dec 21 09:43:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 23:45:43 2015
Response via : Initial Calibration





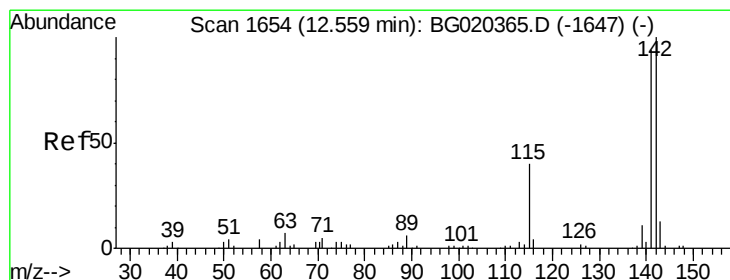
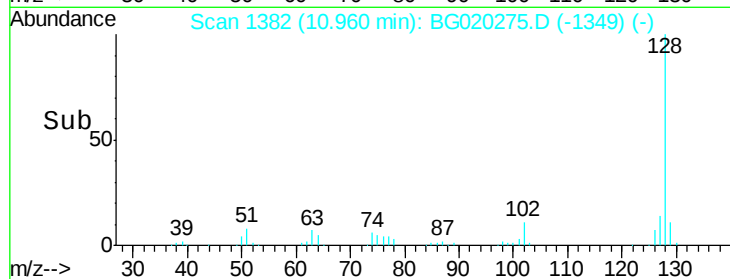
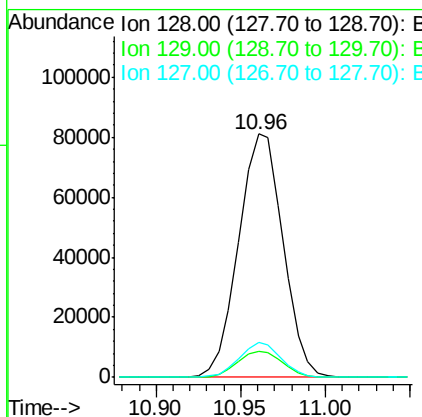
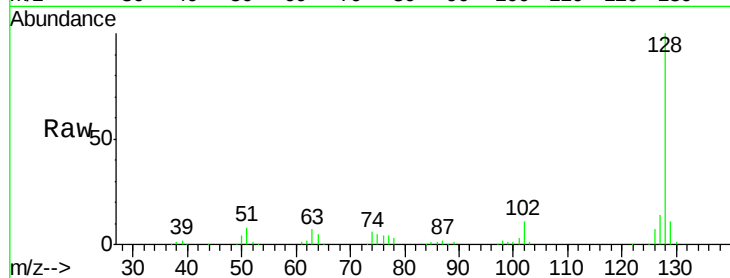
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Naphthalene
Concen: 40.86 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020275.D
Acq: 18 Dec 2015 14:59

Instrument :
BNA_G
ClientSampleId :
D9N34DL2

Tot Ion	Ratio	Resp	Lower	Upper
128	100	148808		
129	10.8	8.6	12.8	
127	14.3	10.1	15.1	

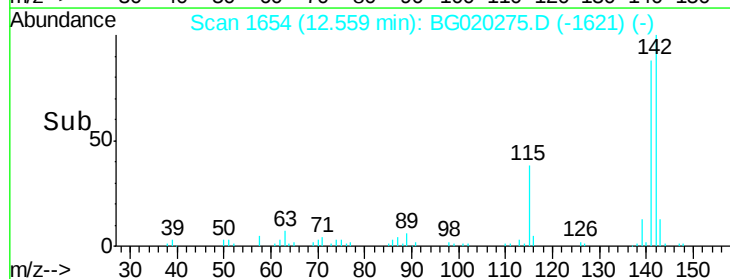
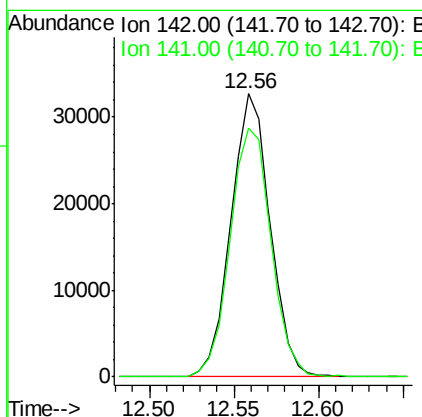
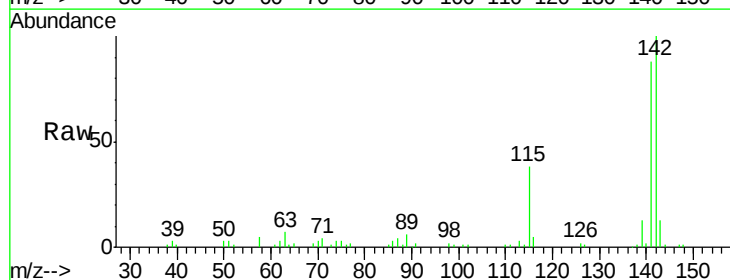
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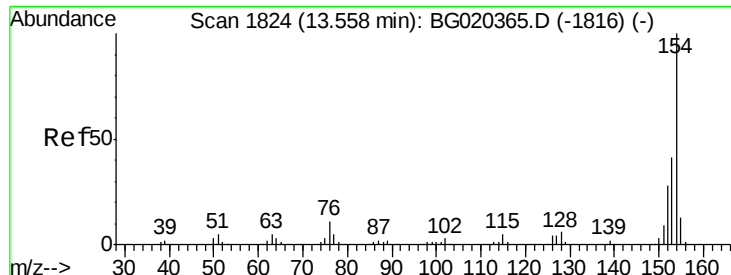
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#34
2-Methylnaphthalene
Concen: 18.90 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020275.D
Acq: 18 Dec 2015 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	52594		
141	88.0	74.9	112.3	





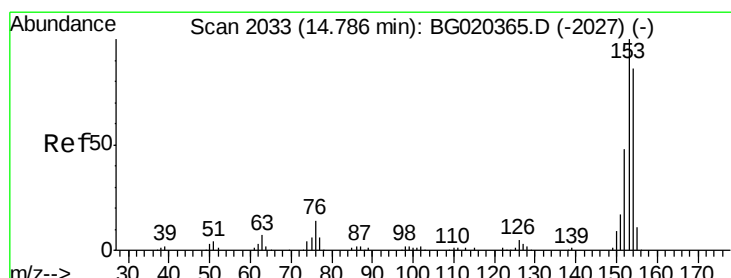
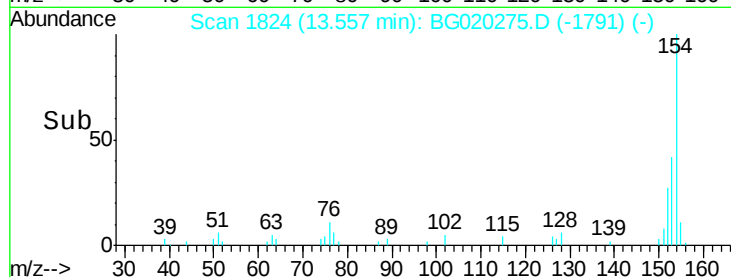
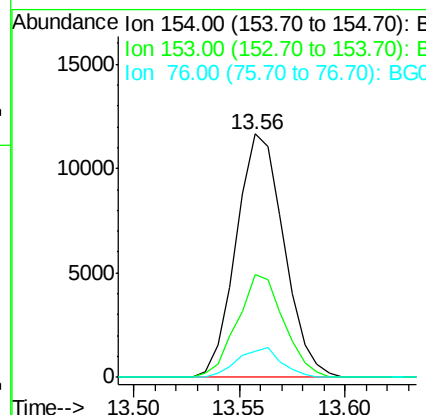
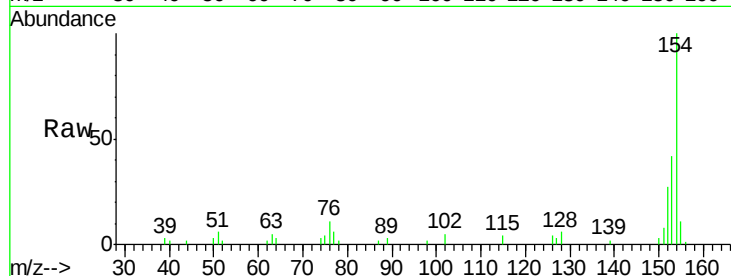
#41
 1,1'-Biphenyl
 Concen: 4.80 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG020275.D
 Acq: 18 Dec 2015 14:59

Instrument :
 BNA_G
 ClientSampleId :
 D9N34DL2

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	35.5	53.3
76	10.8	10.4	15.6

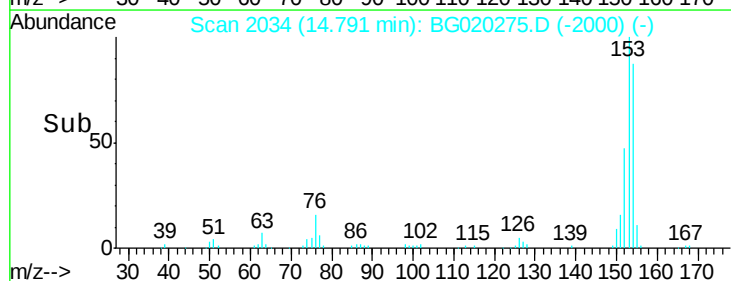
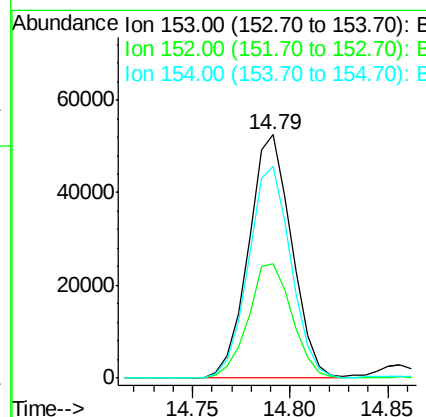
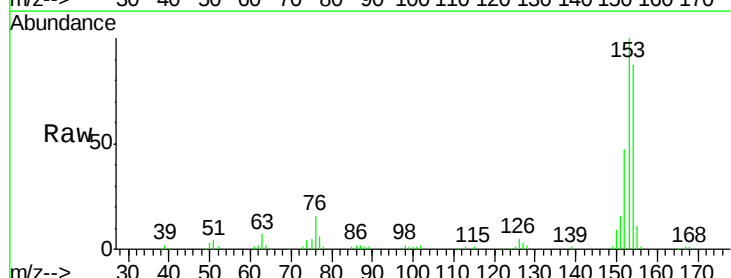
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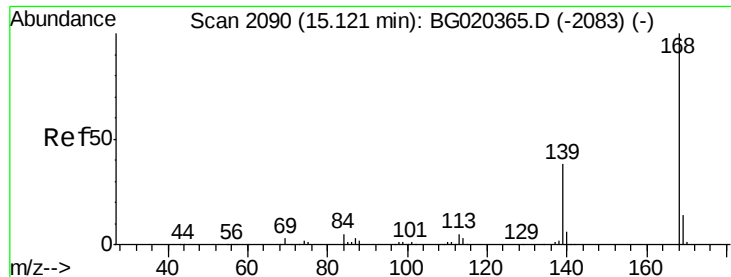
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#50
 Acenaphthene
 Concen: 23.54 ng/ul
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG020275.D
 Acq: 18 Dec 2015 14:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.6	56.4
154	86.7	67.9	101.9





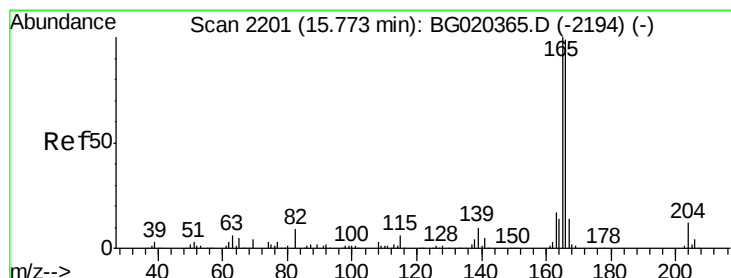
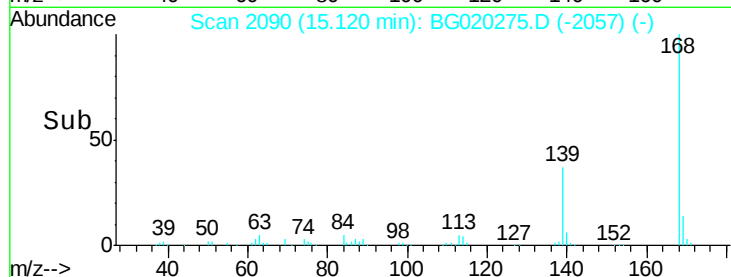
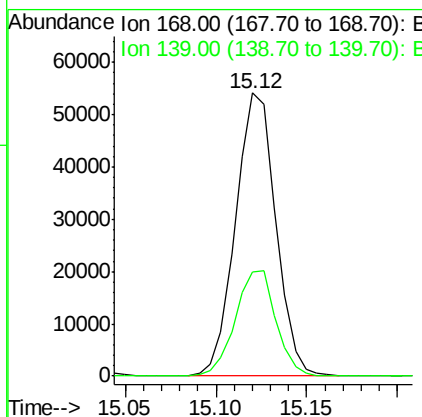
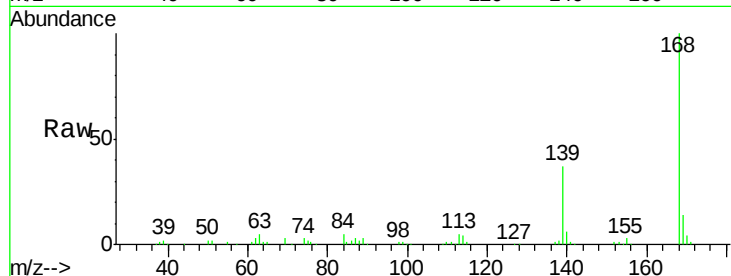
#54
Dibenzenofuran
Concen: 16.55 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020275.D
Acq: 18 Dec 2015 14:59

Instrument :
BNA_G
ClientSampleId :
D9N34DL2

Tot Ion:168 Resp: 83633
Ion Ratio Lower Upper
168 100
139 36.6 30.5 45.7

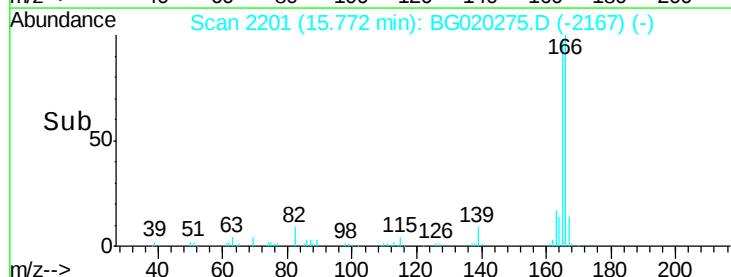
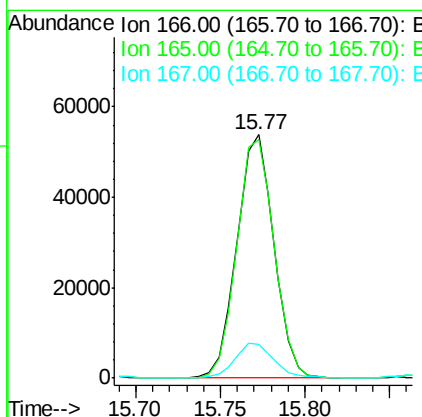
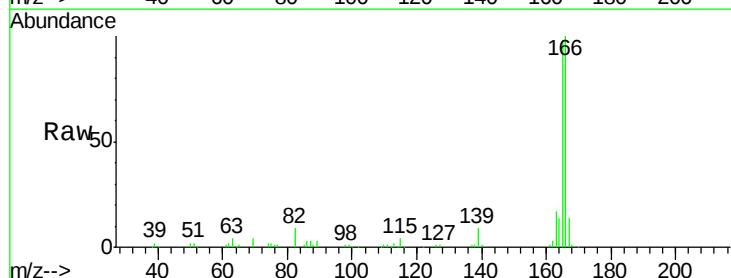
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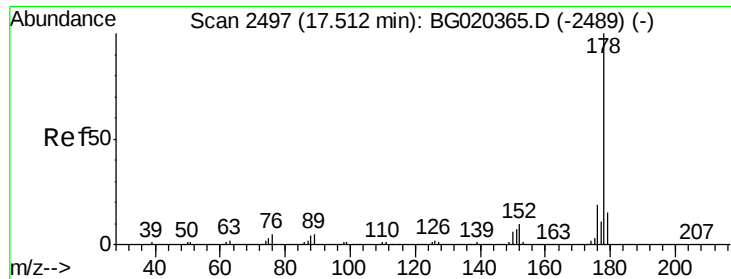
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#59
Fluorene
Concen: 20.21 ng/ul
RT: 15.77 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG020275.D
Acq: 18 Dec 2015 14:59

Tgt Ion:166 Resp: 82046
Ion Ratio Lower Upper
166 100
165 98.0 81.4 122.0
167 14.0 11.2 16.8





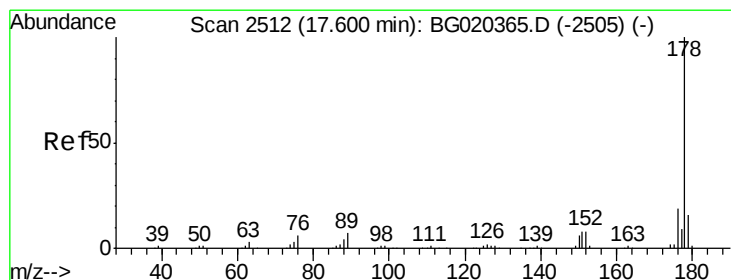
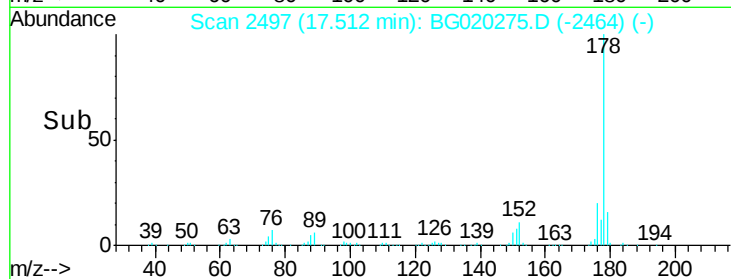
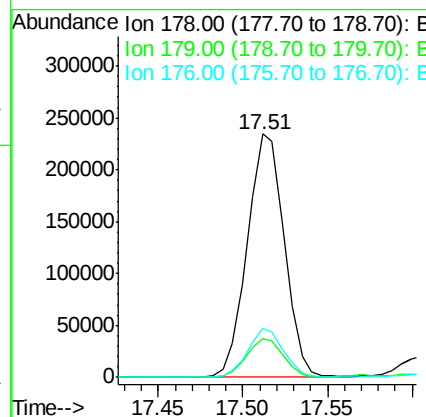
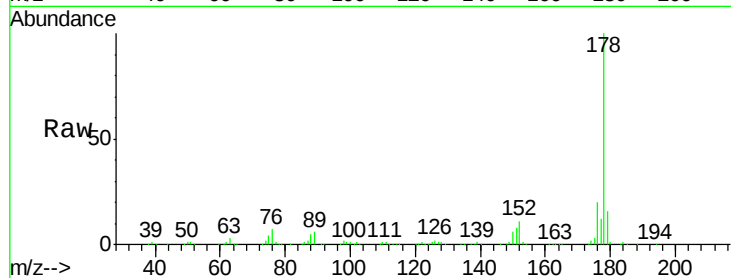
#70
Phenanthrene
Concen: 48.91 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020275.D
Acq: 18 Dec 2015 14:59

Instrument :
BNA_G
ClientSampleId :
D9N34DL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	20.1	15.3	22.9

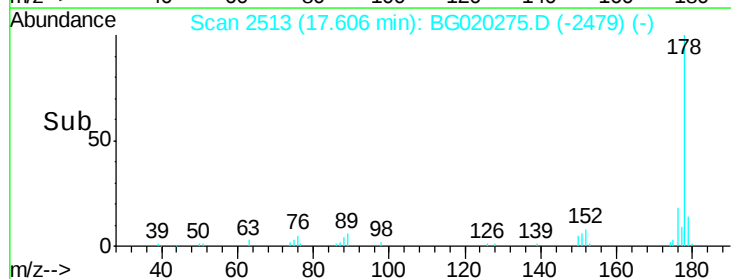
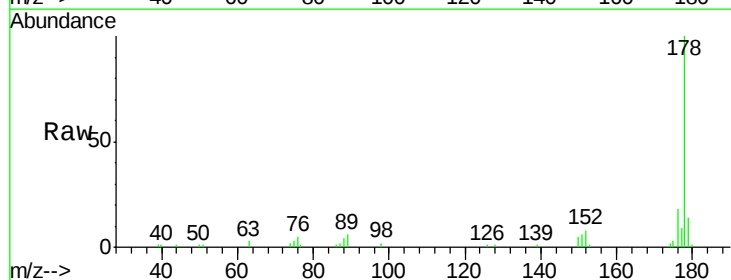
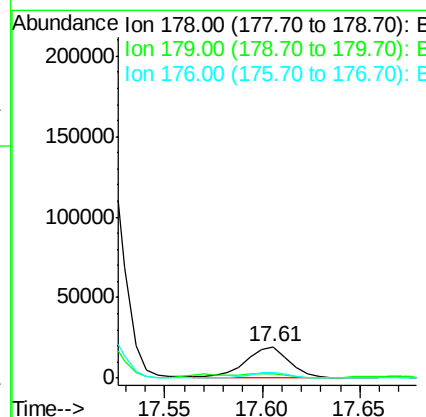
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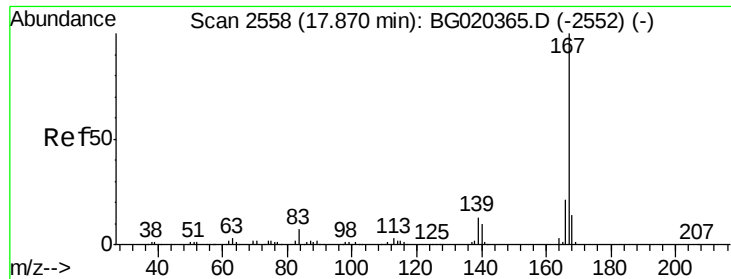
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#72
Anthracene
Concen: 4.03 ng/ul
RT: 17.61 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG020275.D
Acq: 18 Dec 2015 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.3	18.5
176	18.0	14.3	21.5





#75

Carbazole

Concen: 2.15 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020275.D

Acq: 18 Dec 2015 14:59

Instrument :

BNA_G

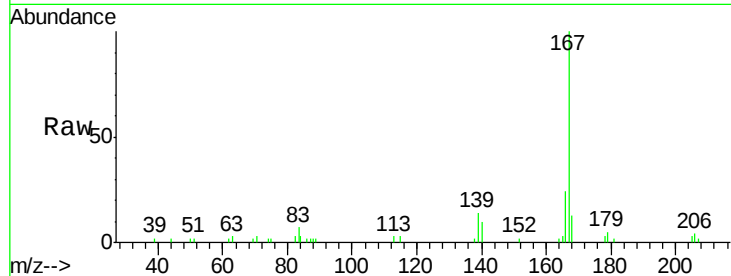
ClientSampleId :

D9N34DL2

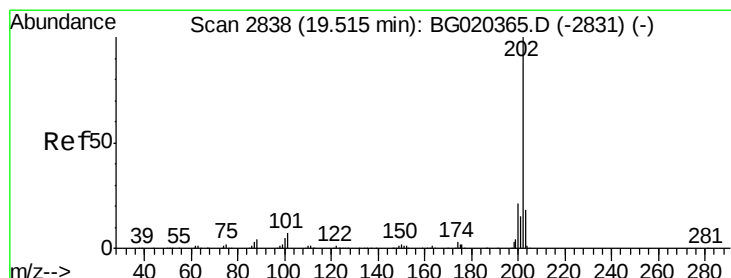
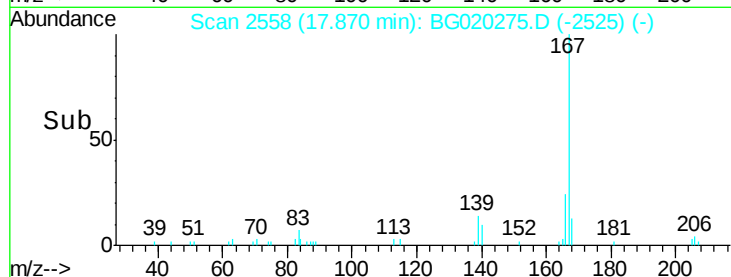
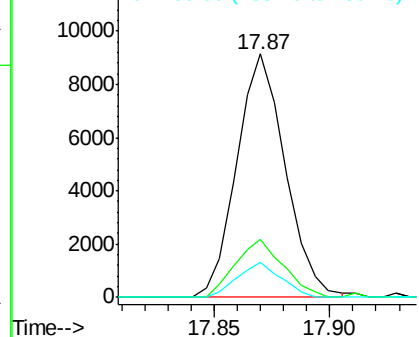
Tot Ion:	167	Resp:	13359
Ion Ratio	Lower	Upper	
167	100		
166	23.7	17.0	25.6
139	14.3	10.1	15.1

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 25.17 ng/ul

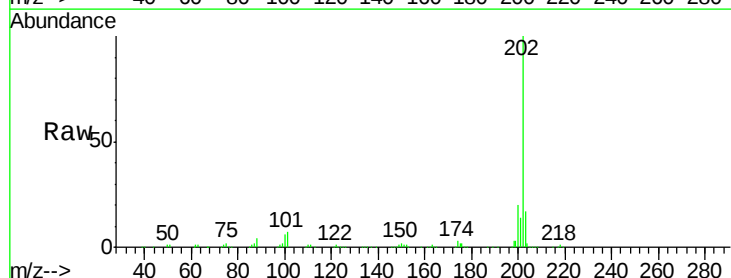
RT: 19.52 min Scan# 2838

Delta R.T. -0.00 min

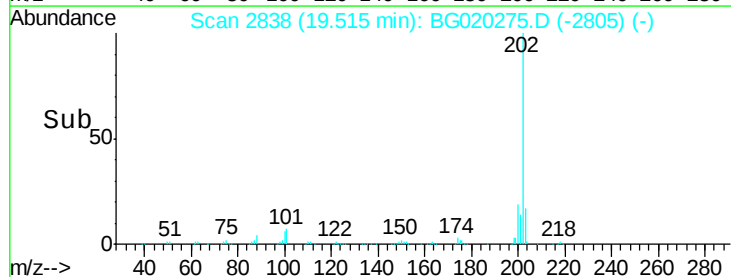
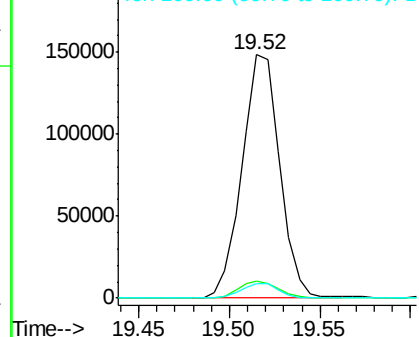
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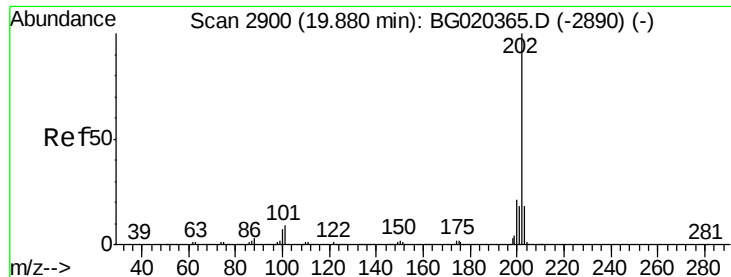
Acq: 18 Dec 2015 14:59

Tgt Ion:	202	Resp:	214669
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.2	9.4
100	5.8	5.1	7.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





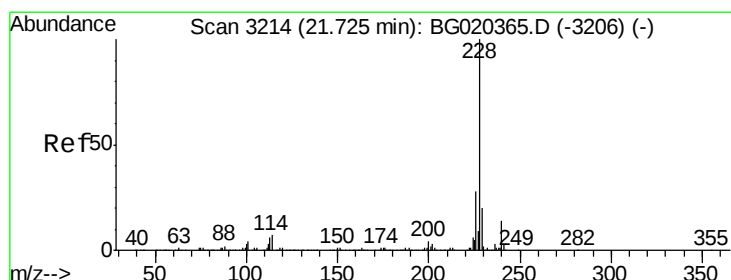
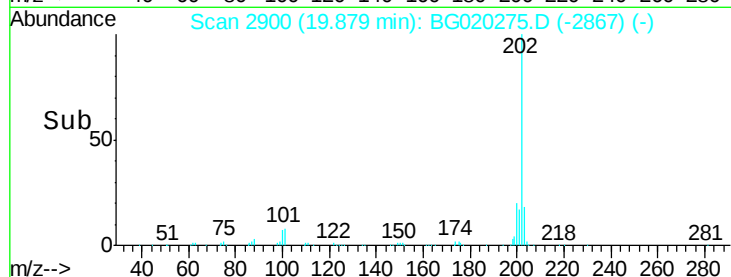
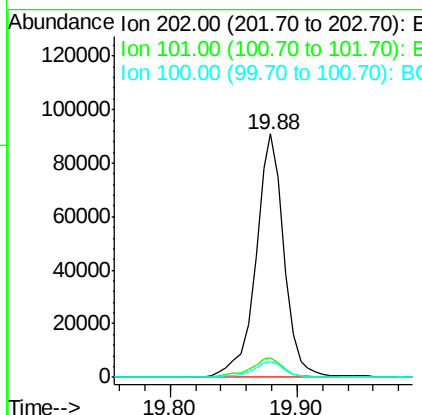
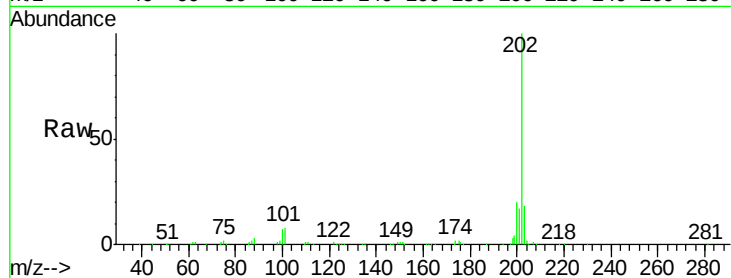
#80
Pvrene
Concen: 13.32 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG020275.D
Acq: 18 Dec 2015 14:59

Instrument :
BNA_G
ClientSampleId :
D9N34DL2

Tot Ion:	202	Resp:	140312
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.0	10.4
100	6.7	6.4	9.6

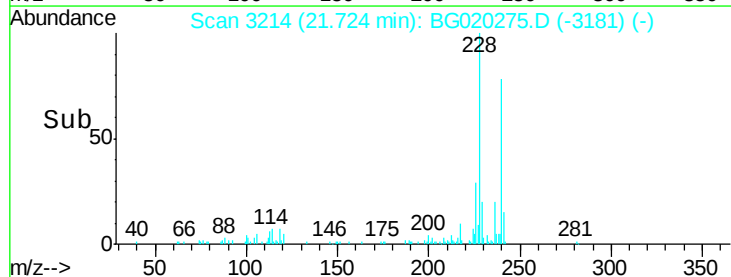
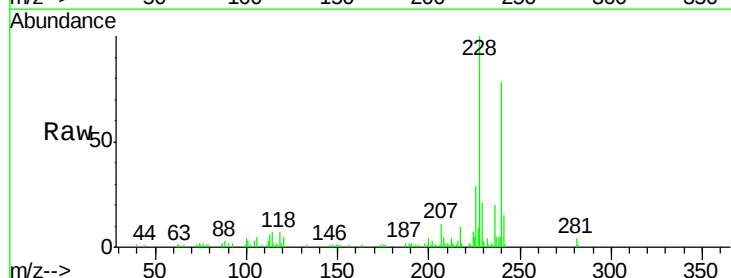
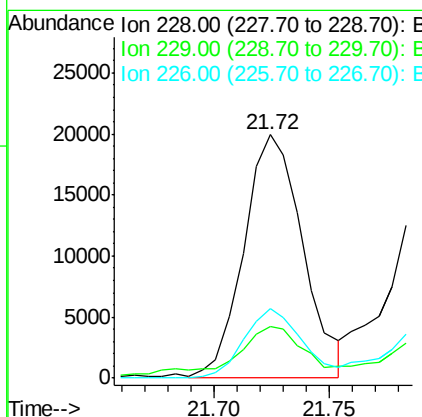
Manual Integrations
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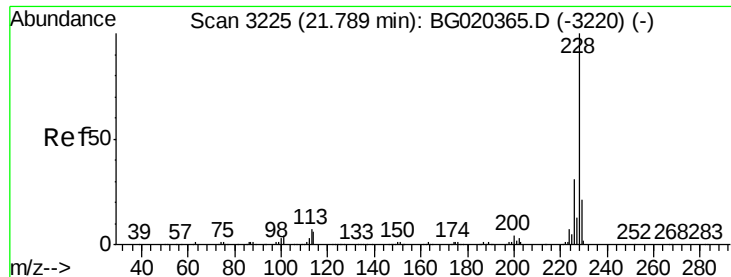
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#83
Benzo(a)anthracene
Concen: 3.49 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BG020275.D
Acq: 18 Dec 2015 14:59

Tgt Ion:	228	Resp:	35399
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.8	23.8
226	28.6	21.8	32.6





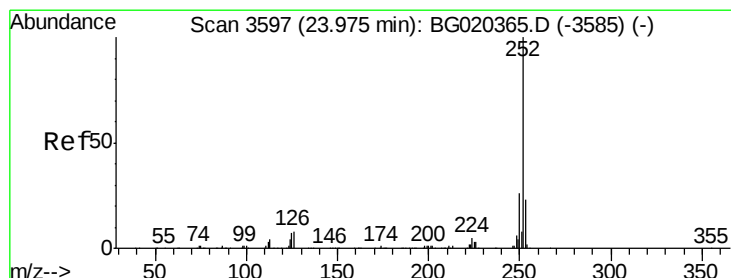
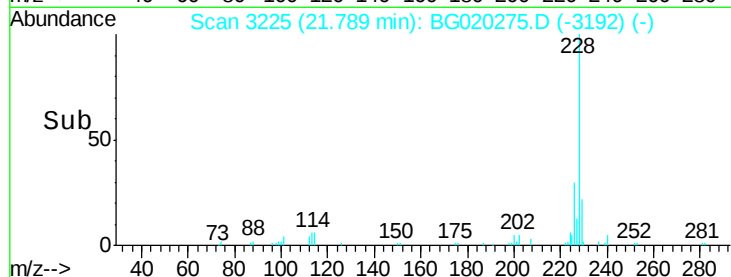
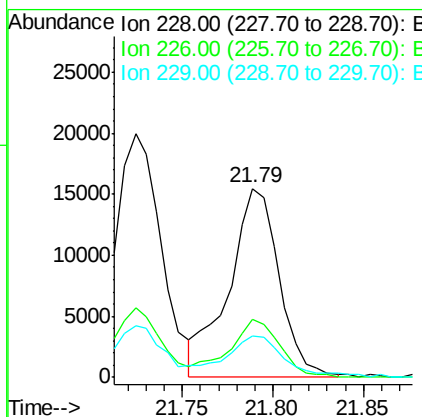
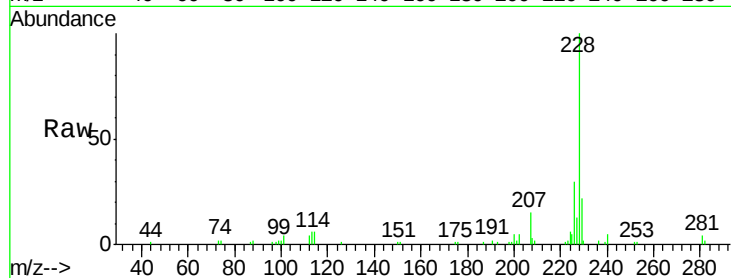
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 Chrysene
 Concen: 3.13 ng/ul
 RT: 21.79 min Scan# 3225
 Delta R.T. -0.00 min
 Lab File: BG020275.D
 Acq: 18 Dec 2015 14:59

Instrument :
 BNA_G
 ClientSampleID :
 D9N34DL2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	22.0	15.6	23.4

Manual Integrations
 APPROVED

apatel
 12/22/2015 12:33:44 PM



#88
 Benzo(b)fluoranthene
 Concen: 1.63 ng/ul m
 RT: 23.98 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: BG020275.D
 Acq: 18 Dec 2015 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.7	25.1#
125	9.4	6.2	9.2#

