

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020427.D
 Acq On : 23 Dec 2015 4:10
 Operator : UM/SJ
 Sample : G4849-08DL 30X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72DL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:33:20 PM

Quant Time: Dec 23 08:11:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 07:35:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	16556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	73713	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	54427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	135165	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	163706	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	157360	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	684	0.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	385	0.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	854	0.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	668	0.54	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	132	0.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	278	0.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	794	0.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	1187	0.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	3911	0.89	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	4442	0.87	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	3792	0.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	6236m	1.00	ng/ul	0.00
79) Pyrene-d10	19.84	212	6755	0.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	7527	0.96	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	265665	69.01	ng/ul	98
34) 2-Methylnaphthalene	12.55	142	92288	31.39	ng/ul	100
41) 1,1'-Biphenyl	13.55	154	41993	10.23	ng/ul	96
50) Acenaphthene	14.78	153	159715	43.62	ng/ul	100
54) Dibenzofuran	15.11	168	184903	33.95	ng/ul	100
59) Fluorene	15.76	166	141888	32.44	ng/ul	97
70) Phenanthrene	17.51	178	804660	108.84	ng/ul	97
72) Anthracene	17.60	178	57559	7.68	ng/ul	99
75) Carbazole	17.87	167	21115	3.35	ng/ul	97
77) Fluoranthene	19.51	202	495674	57.37	ng/ul	99
80) Pyrene	19.87	202	338589	34.17	ng/ul	99
83) Benzo(a)anthracene	21.72	228	78828	8.25	ng/ul	98
85) Chrysene	21.78	228	64663	7.19	ng/ul	98
88) Benzo(b)fluoranthene	23.96	252	37997	4.01	ng/ul	94
89) Benzo(k)fluoranthene	24.02	252	14015m	1.54	ng/ul	
91) Benzo(a)pyrene	24.85	252	23594	2.63	ng/ul	98

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

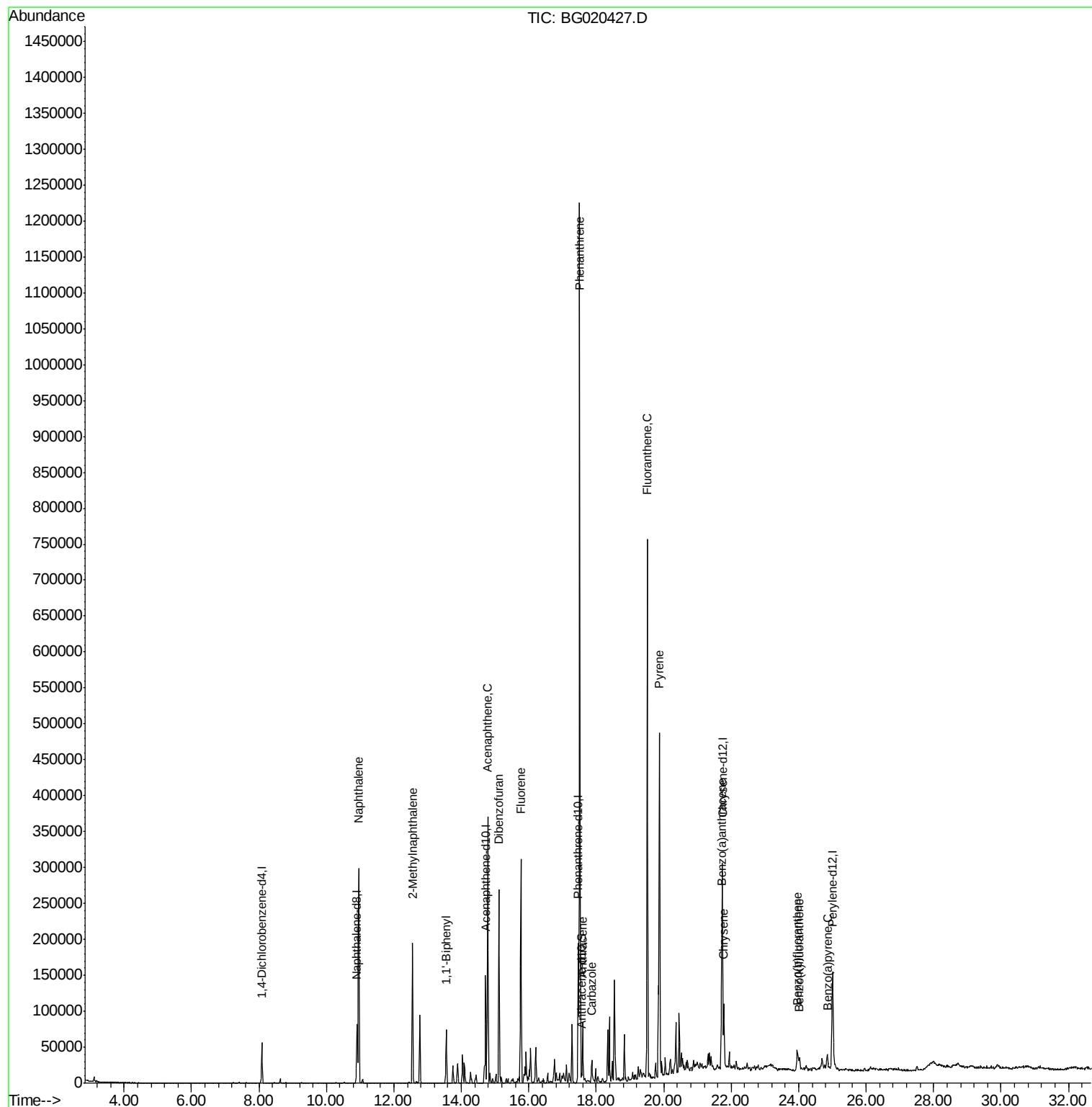
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020427.D
Acq On : 23 Dec 2015 4:10
Operator : UM/SJ
Sample : G4849-08DL 30X
Misc :
ALS Vial : 19 Sample Multiplier: 1

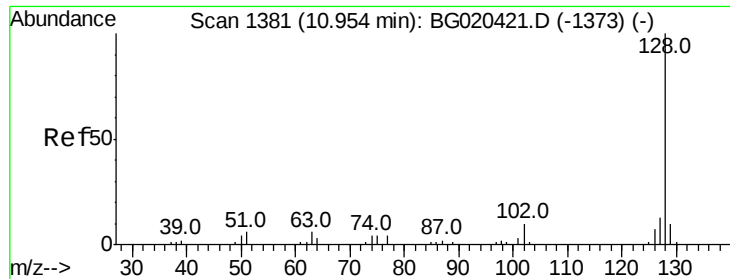
Instrument :
BNA_G
ClientSampleId :
D9N72DL

Manual Integrations
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Quant Time: Dec 23 08:11:11 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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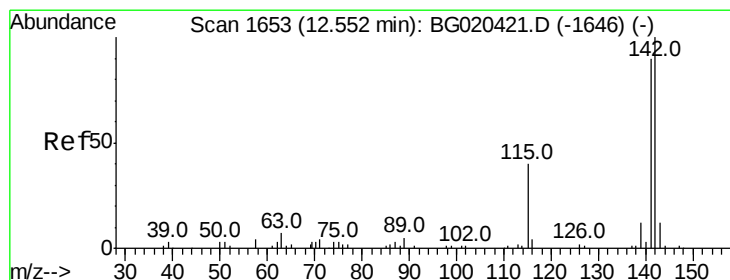
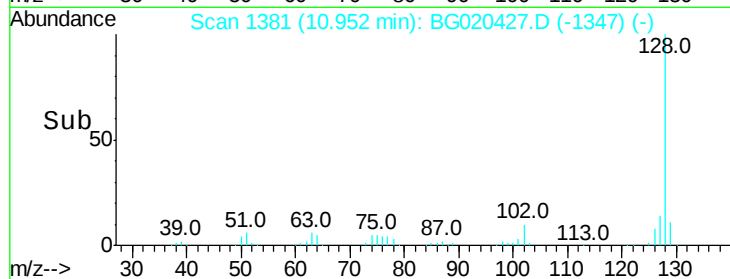
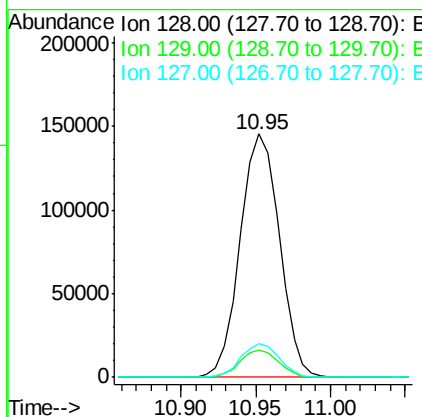
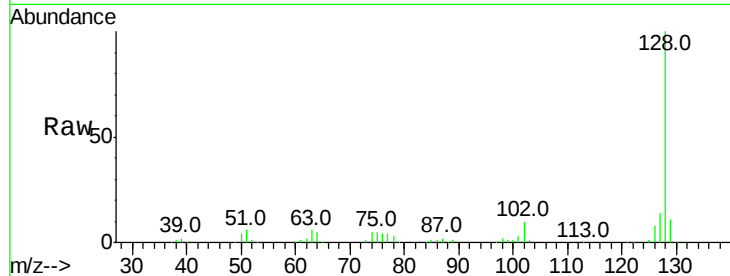
#28
Naphthalene
Concen: 69.01 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.6	10.1	15.1

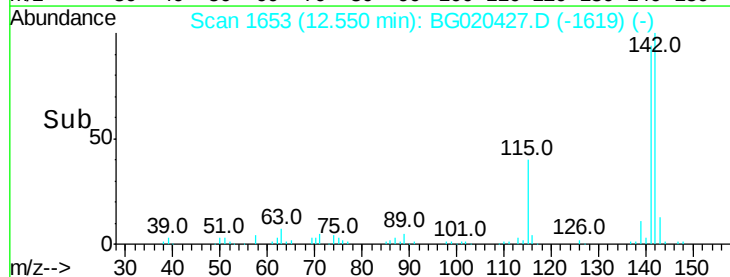
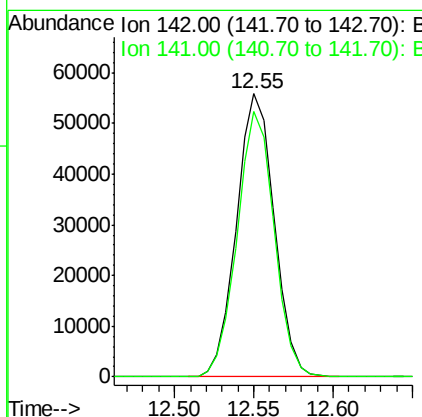
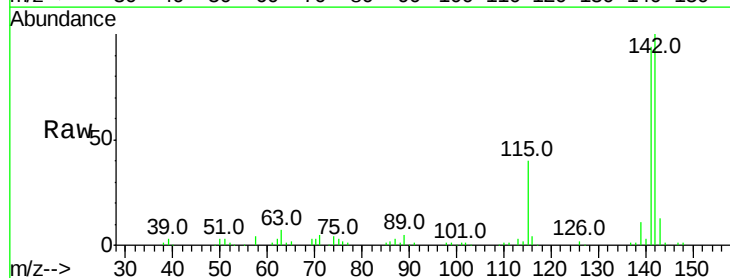
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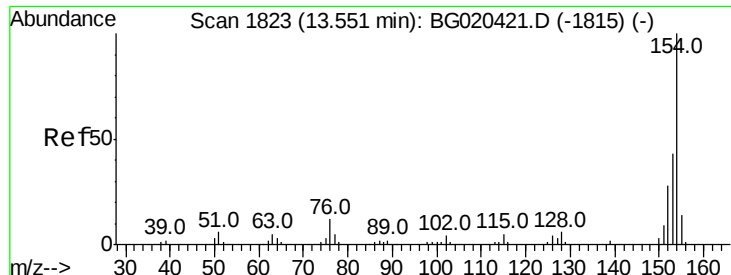
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#34
2-Methylnaphthalene
Concen: 31.39 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.9	112.3





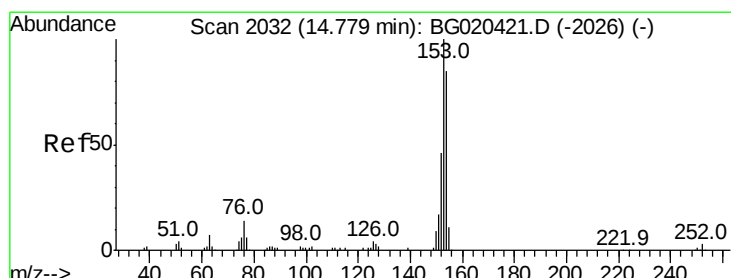
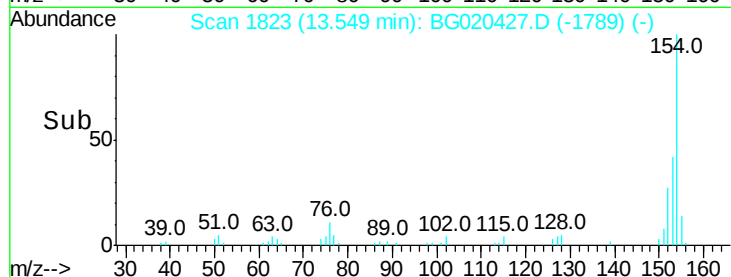
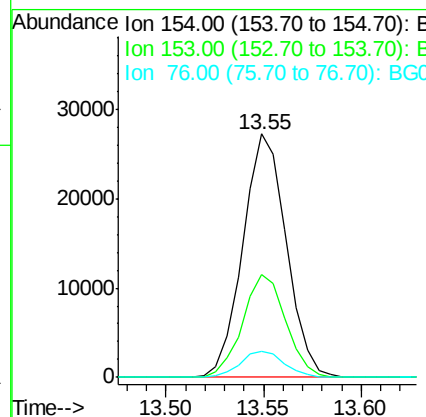
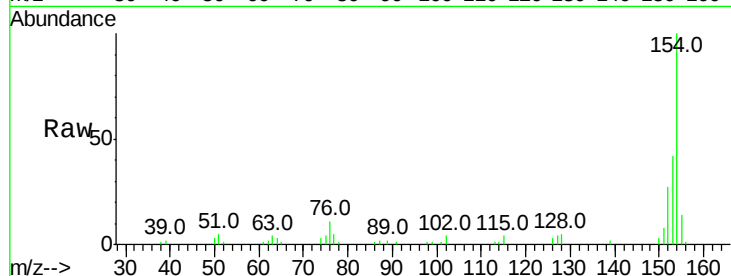
#41
 1,1'-Biphenyl
 Concen: 10.23 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BG020427.D
 Acq: 23 Dec 2015 4:10

Instrument :
 BNA_G
 ClientSampleId :
 D9N72DL

Tot Ion:	154	Resp:	41993
Ion Ratio	Lower	Upper	
154	100		
153	42.2	35.5	53.3
76	10.6	10.4	15.6

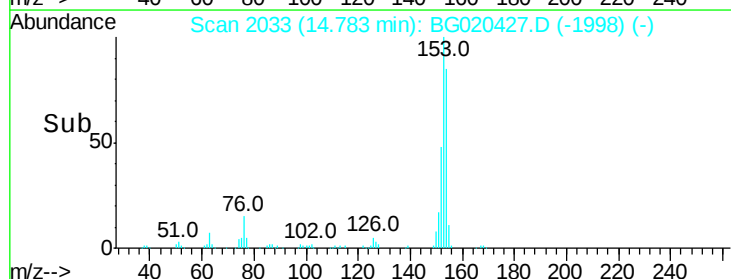
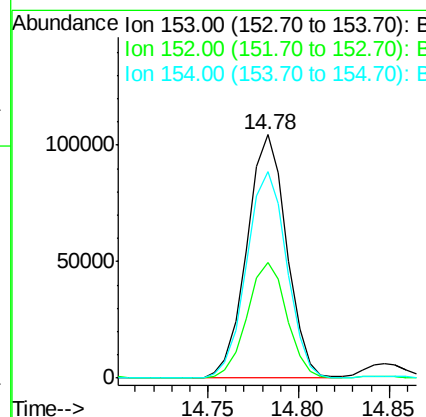
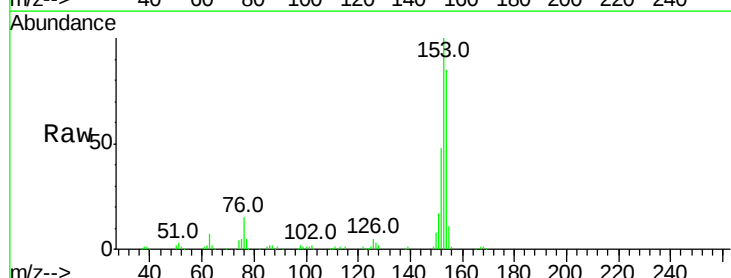
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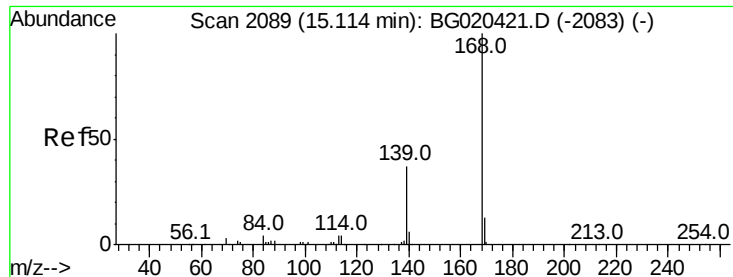
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#50
 Acenaphthene
 Concen: 43.62 ng/ul
 RT: 14.78 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG020427.D
 Acq: 23 Dec 2015 4:10

Tgt Ion:	153	Resp:	159715
Ion Ratio	Lower	Upper	
153	100		
152	47.6	37.6	56.4
154	84.8	67.9	101.9





#54

Dibenzenofuran

Concen: 33.95 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG020427.D

Acq: 23 Dec 2015 4:10

Instrument :

BNA_G

ClientSampleId :

D9N72DL

Tot Ion:168 Resp: 184903

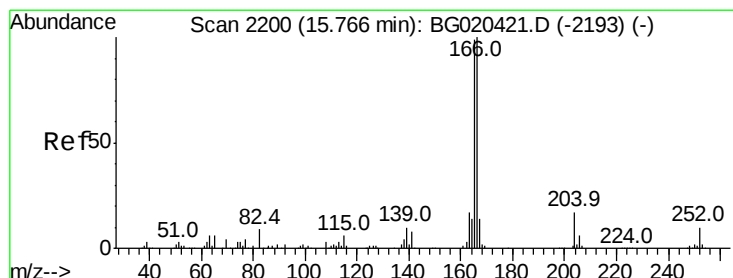
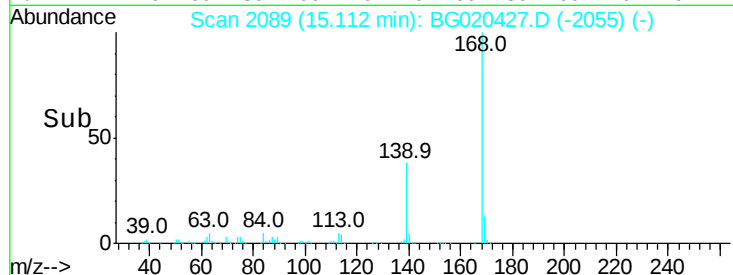
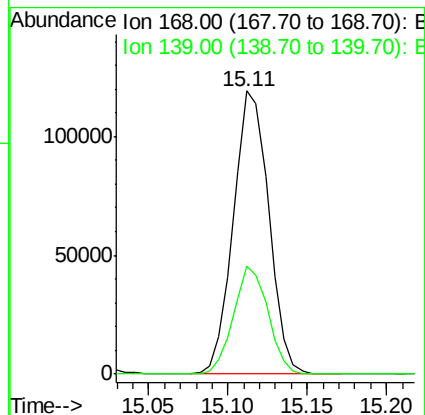
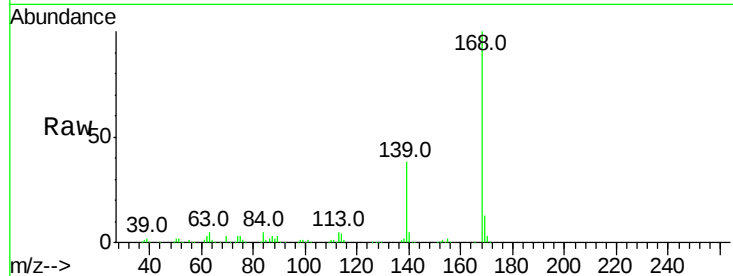
Ion Ratio Lower Upper

168 100

139 38.2 30.5 45.7

Manual Integrations
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#59

Fluorene

Concen: 32.44 ng/ul

RT: 15.76 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG020427.D

Acq: 23 Dec 2015 4:10

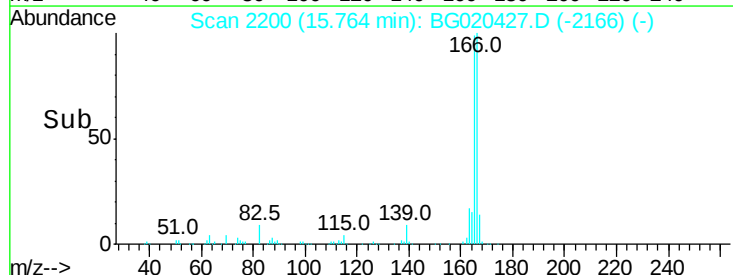
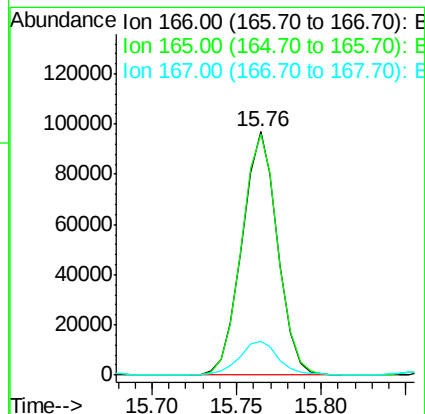
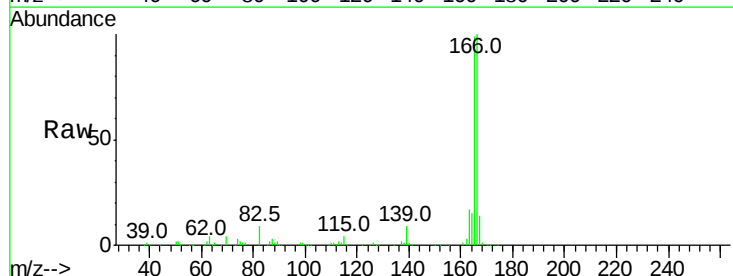
Tgt Ion:166 Resp: 141888

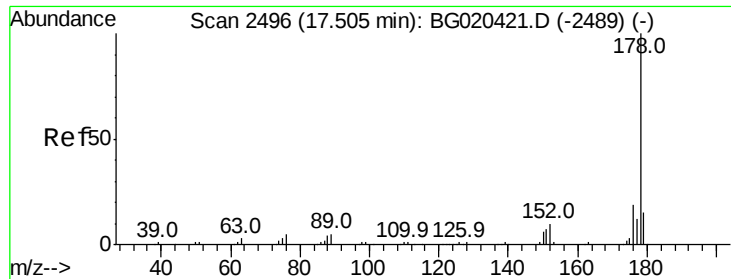
Ion Ratio Lower Upper

166 100

165 98.9 81.4 122.0

167 13.6 11.2 16.8





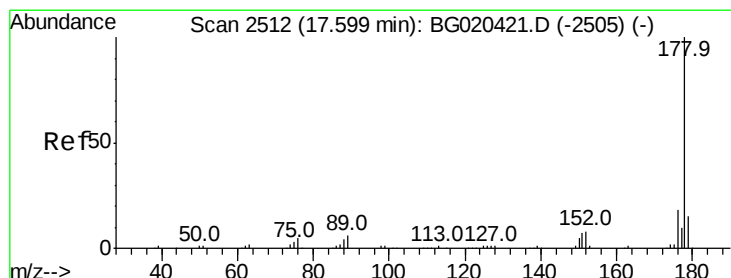
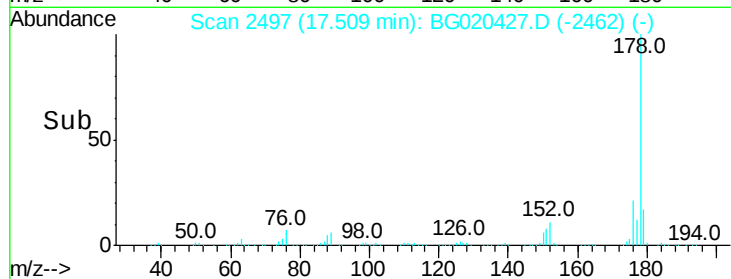
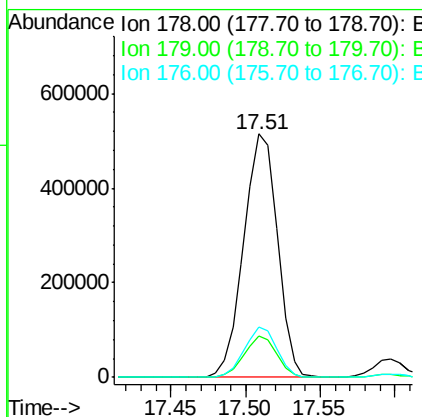
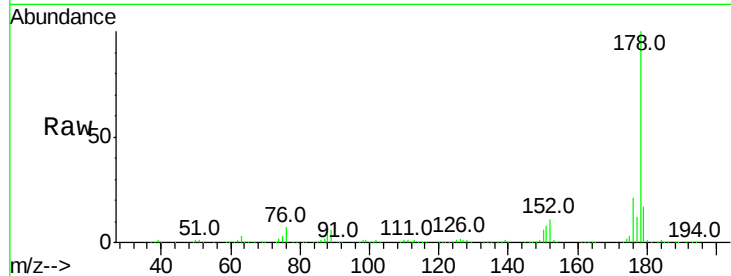
#70
Phenanthrene
Concen: 108.84 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	20.6	15.3	22.9

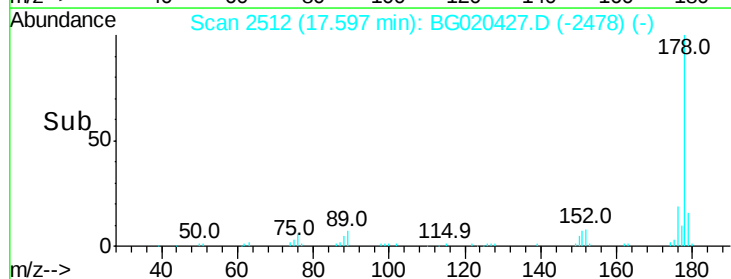
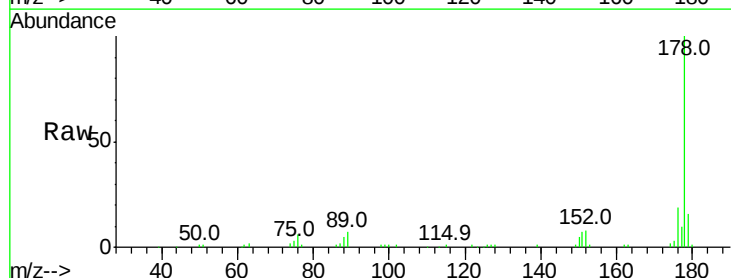
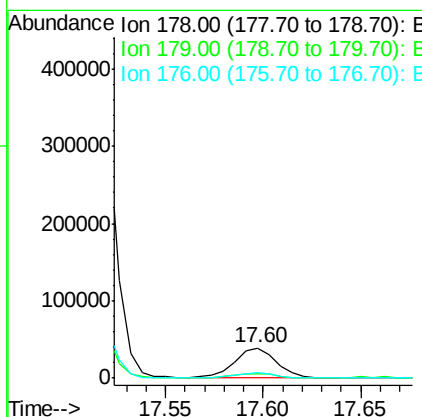
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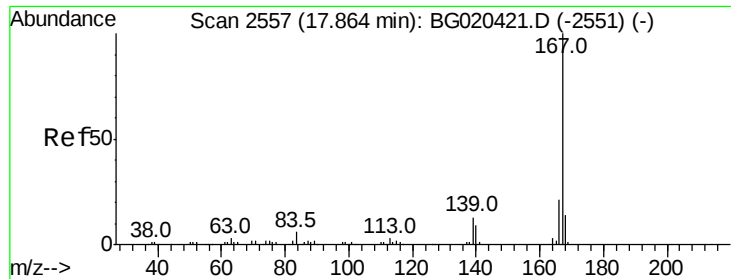
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#72
Anthracene
Concen: 7.68 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.9	14.3	21.5





#75

Carbazole

Concen: 3.35 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BG020427.D

Acq: 23 Dec 2015 4:10

Instrument :

BNA_G

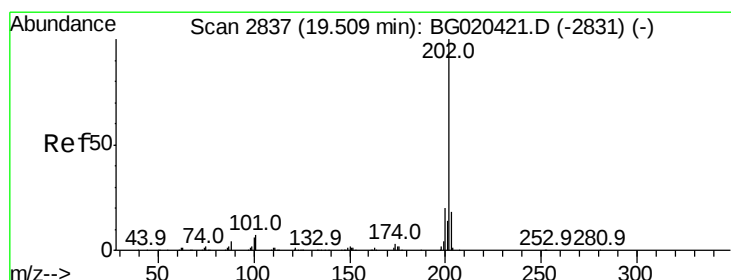
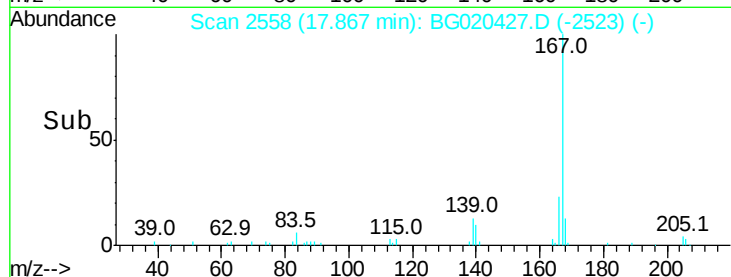
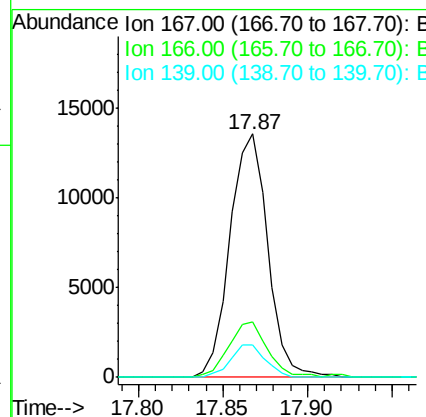
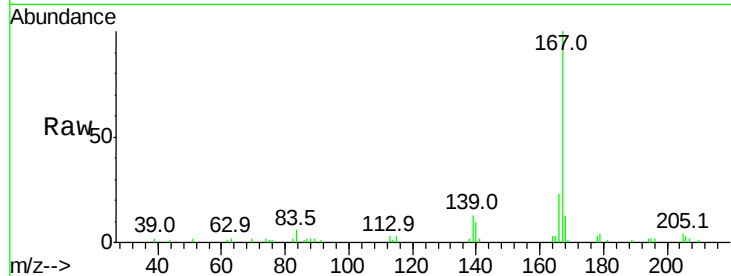
ClientSampleId :

D9N72DL

Tot Ion:	167	Resp:	21115
Ion Ratio	Lower	Upper	
167	100		
166	23.0	17.0	25.6
139	13.5	10.1	15.1

Manual Integrations
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#77

Fluoranthene

Concen: 57.37 ng/ul

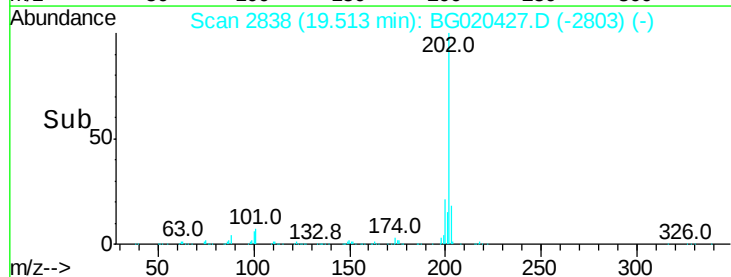
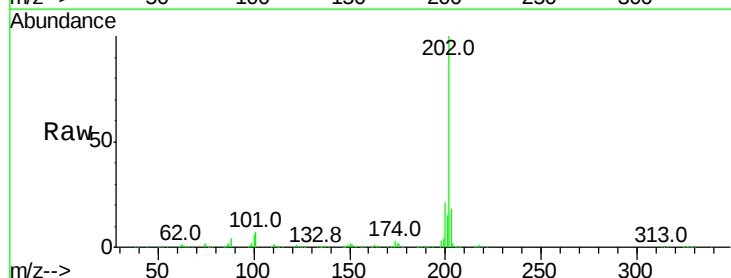
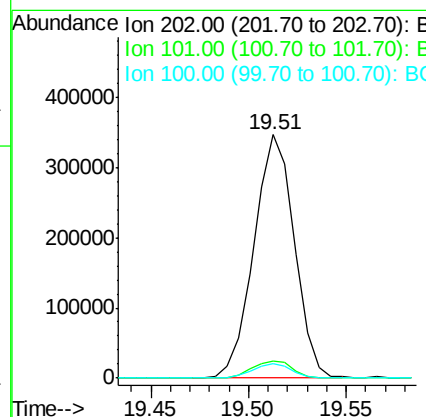
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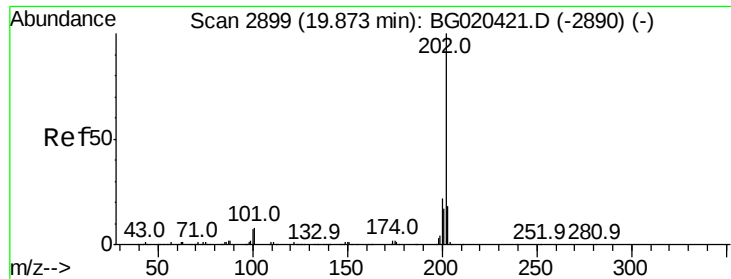
Delta R.T. 0.00 min

Lab File: BG020427.D

Acq: 23 Dec 2015 4:10

Tgt Ion:	202	Resp:	495674
Ion Ratio	Lower	Upper	
202	100		
101	7.2	6.2	9.4
100	6.0	5.1	7.7





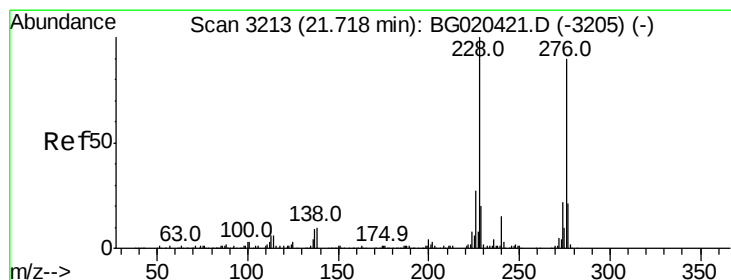
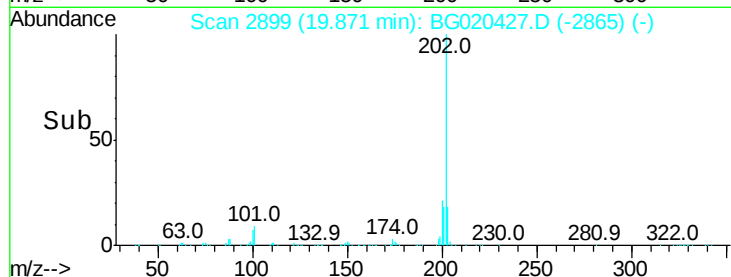
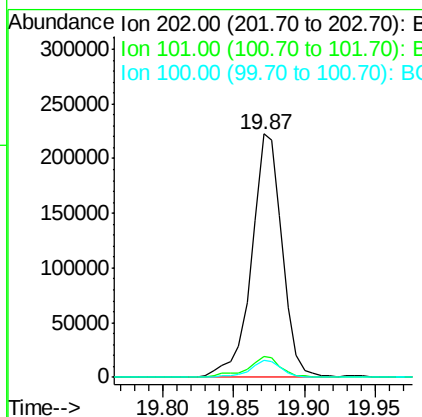
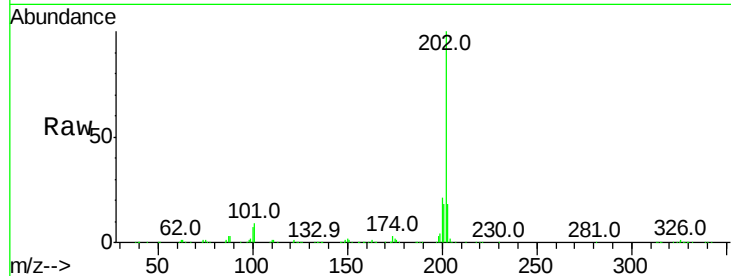
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Pvrene
Concen: 34.17 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	7.0	10.4
100	7.2	6.4	9.6

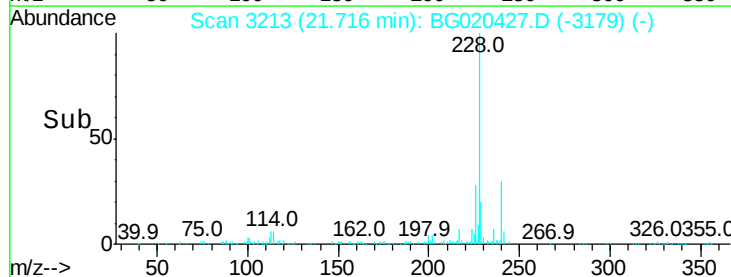
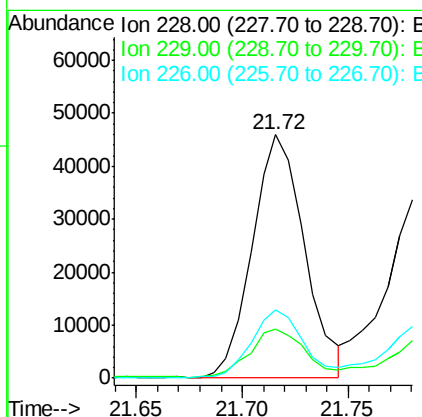
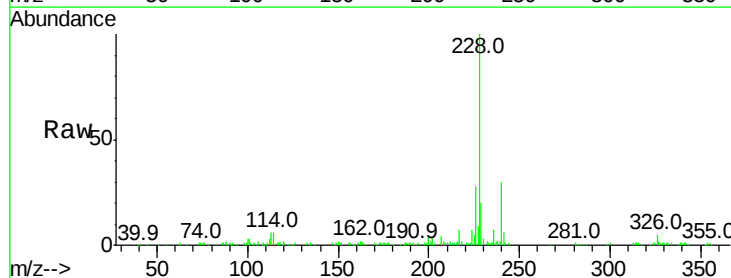
Manual Integrations
APPROVED

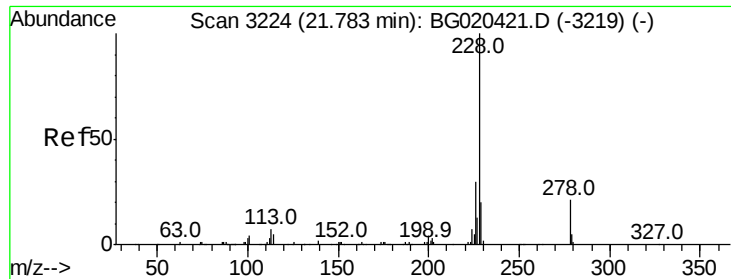
Sohil
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#83
Benzo(a)anthracene
Concen: 8.25 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.2	15.8	23.8
226	28.3	21.8	32.6





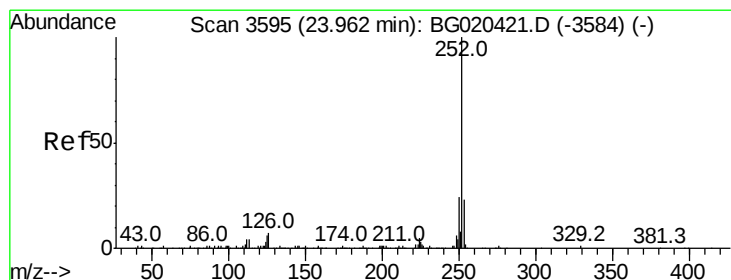
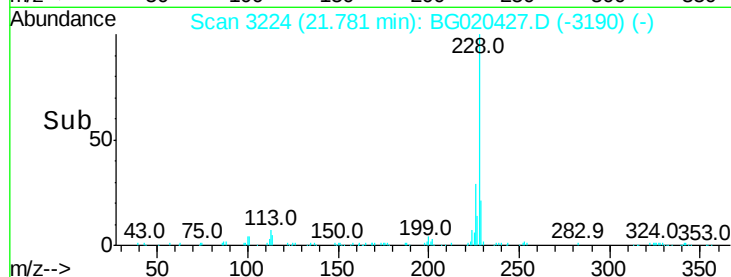
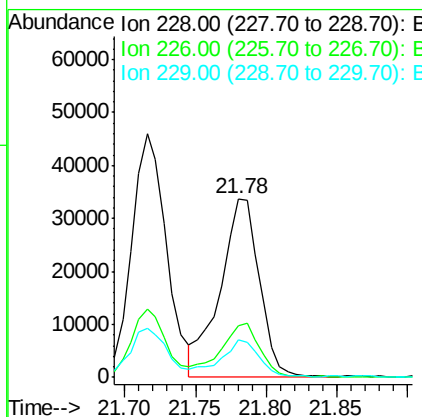
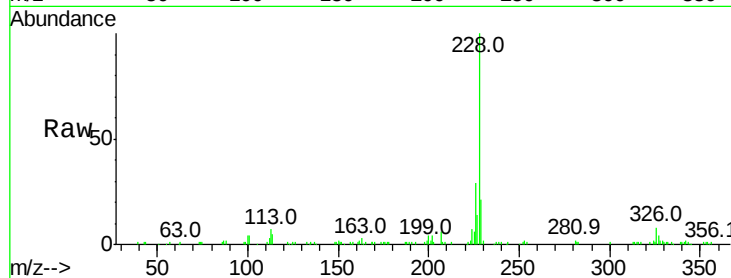
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Chrysene
Concen: 7.19 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	21.2	15.6	23.4

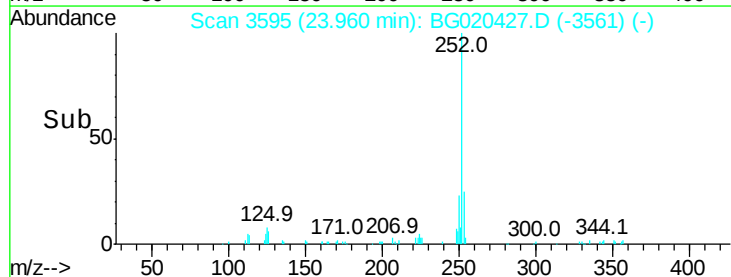
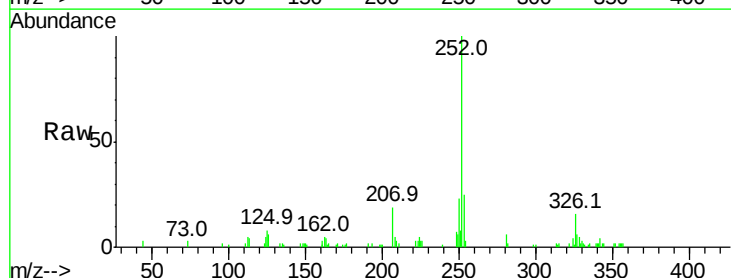
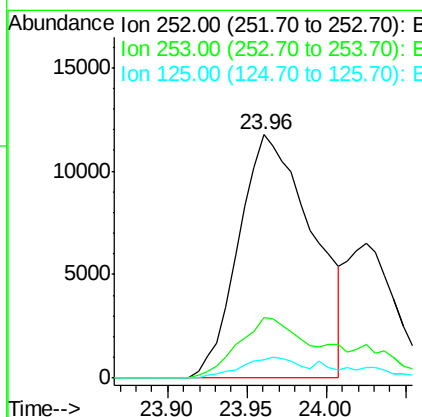
Manual Integrations
APPROVED

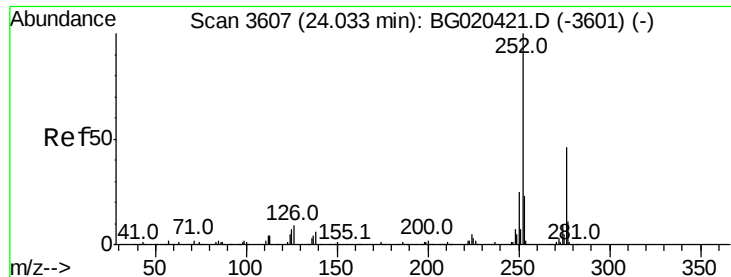
Sohil
12/24/2015 5:33:20 PM



#88
Benzo(b)fluoranthene
Concen: 4.01 ng/ul
RT: 23.96 min Scan# 3595
Delta R.T. -0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.7	25.1
125	7.6	6.2	9.2





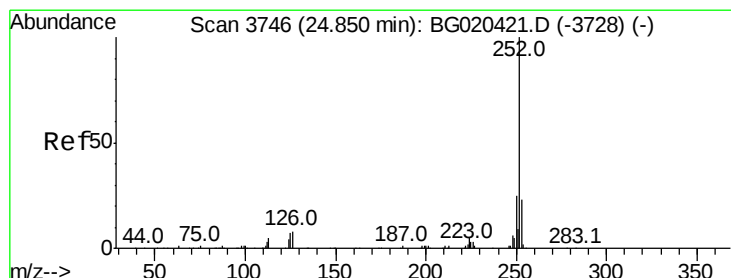
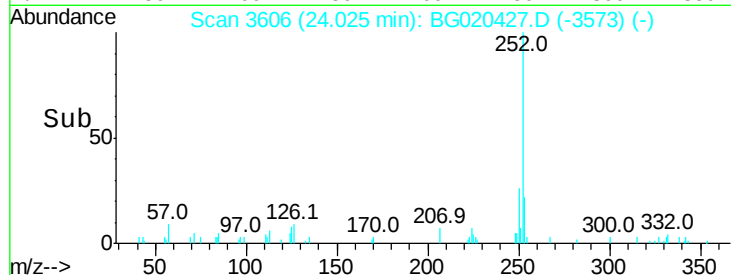
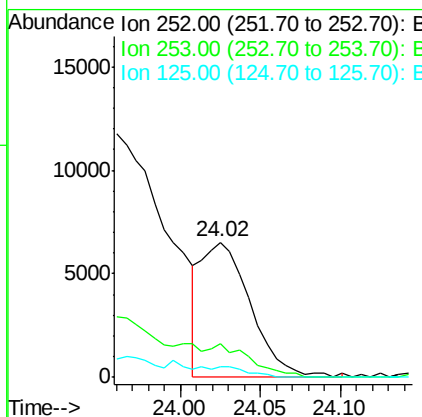
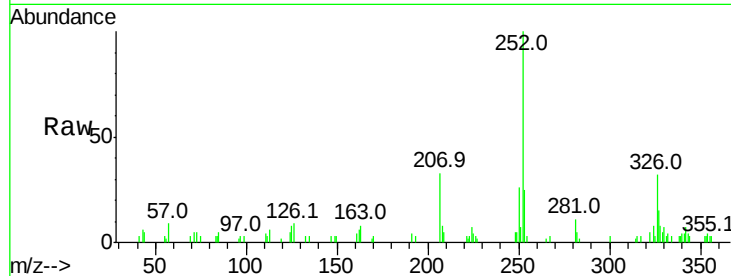
#89
Benzo(k)fluoranthene
Concen: 1.54 ng/ul m
RT: 24.02 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
D9N72DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	17.9	26.9
125	8.1	5.8	8.6

Manual Integrations
APPROVED

Sohil
12/24/2015 5:33:20 PM



#91
Benzo(a)pyrene
Concen: 2.63 ng/ul
RT: 24.85 min Scan# 3747
Delta R.T. 0.00 min
Lab File: BG020427.D
Acq: 23 Dec 2015 4:10

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.0	25.4
125	7.5	6.2	9.4

