

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020454.D
 Acq On : 23 Dec 2015 22:05
 Operator : UM/SJ
 Sample : G4848-15DL 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N61DL

Manual Integrations
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Sohil
 12/24/2015 5:31:47 PM

Quant Time: Dec 24 03:58:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	21731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	97856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	70853	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	168884	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	210530	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	198885	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	7.25	99	1286	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	889	0.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	1131	0.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	957	0.58	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	429	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	677m	0.80	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.52	165	1346m	0.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	1788m	0.93	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	5881	1.03	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	7219	1.08	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	5852	1.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	9001	1.16	ng/ul	0.00
79) Pyrene-d10	19.84	212	9374	0.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	10240	1.03	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	94367	18.47	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	31627	8.10	ng/ul	94
41) 1,1'-Biphenyl	13.55	154	14475	2.71	ng/ul	93
50) Acenaphthene	14.78	153	68237	14.32	ng/ul	100
54) Dibenzofuran	15.11	168	70417	9.93	ng/ul	97
59) Fluorene	15.76	166	64141	11.27	ng/ul	98
70) Phenanthrene	17.51	178	322871	34.95	ng/ul	99
72) Anthracene	17.59	178	20567	2.20	ng/ul	99
75) Carbazole	17.86	167	11741	1.49	ng/ul	94
77) Fluoranthene	19.51	202	204019	18.90	ng/ul	97
80) Pyrene	19.87	202	134520	10.56	ng/ul	98
83) Benzo(a)anthracene	21.72	228	31069	2.53	ng/ul	99
85) Chrysene	21.78	228	26248	2.27	ng/ul	98
88) Benzo(b)fluoranthene	23.96	252	14334	1.20	ng/ul#	89

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

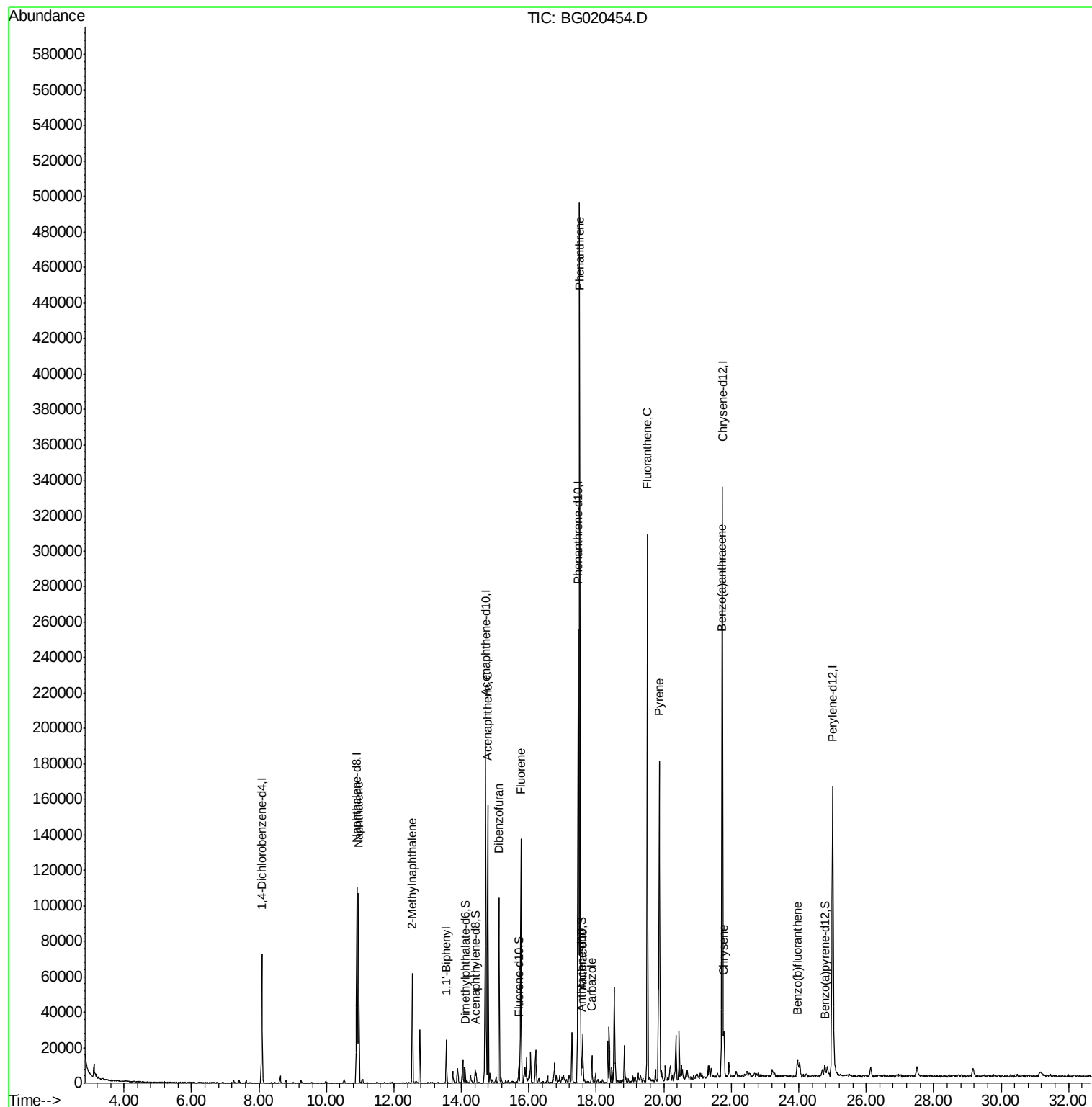
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020454.D
Acq On : 23 Dec 2015 22:05
Operator : UM/SJ
Sample : G4848-15DL 25X
Misc :
ALS Vial : 44 Sample Multiplier: 1

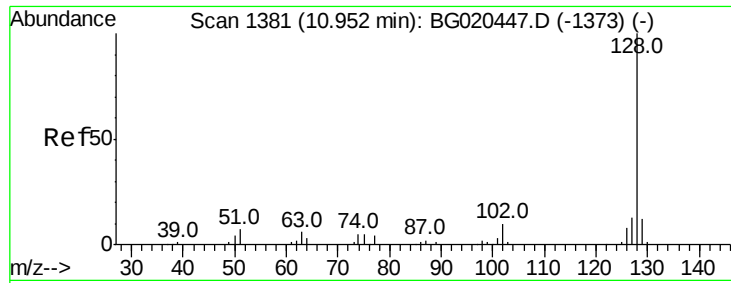
Instrument :
BNA_G
ClientSampleId :
D9N61DL

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Quant Time: Dec 24 03:58:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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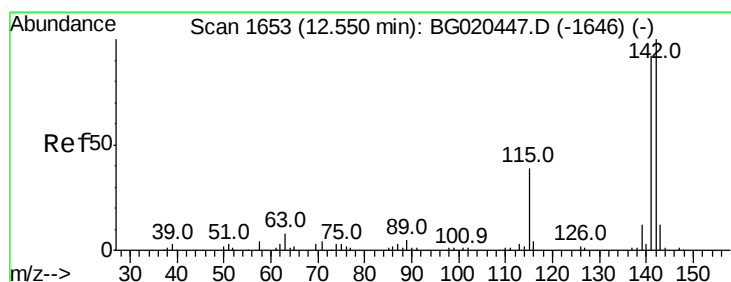
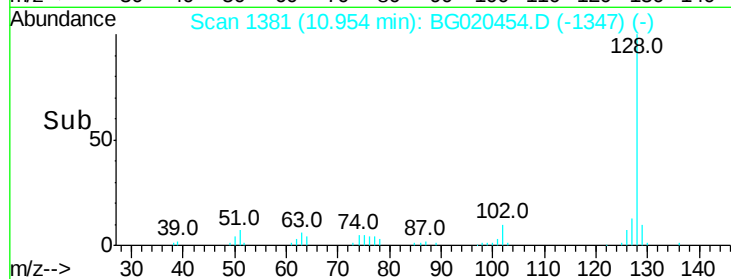
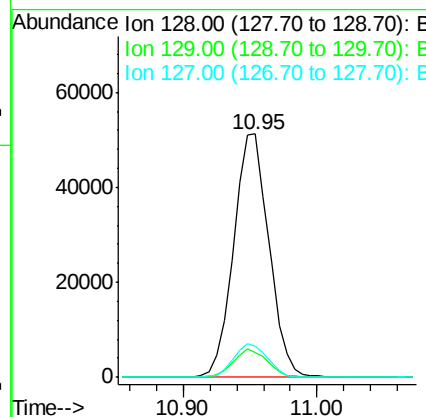
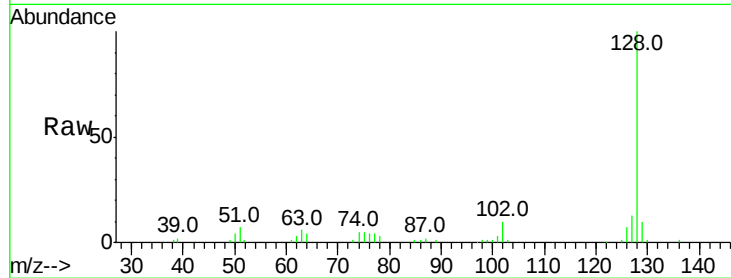
#28
Naphthalene
Concen: 18.47 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	12.6	10.1	15.1

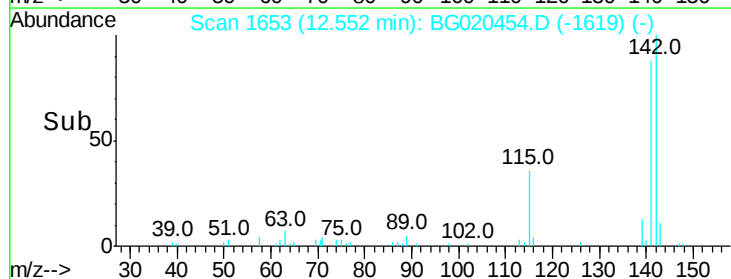
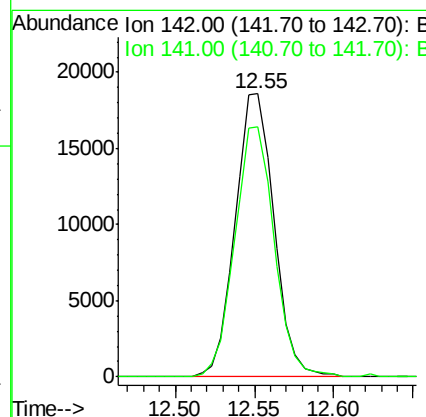
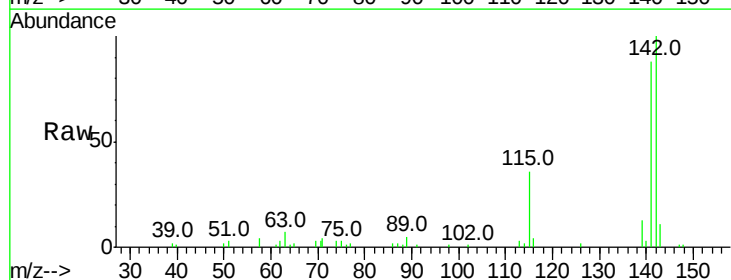
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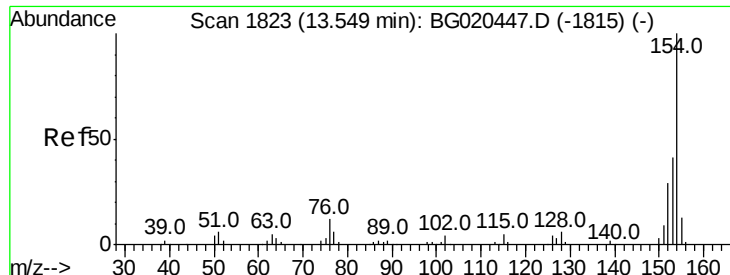
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#34
2-Methylnaphthalene
Concen: 8.10 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	74.9	112.3





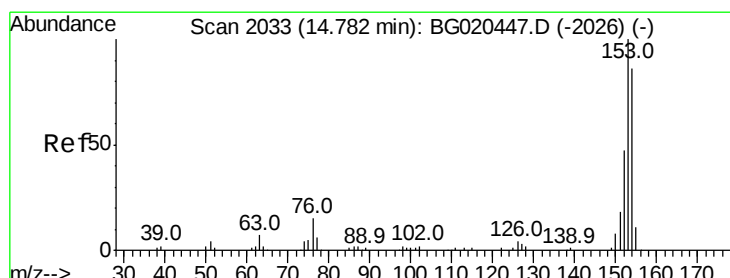
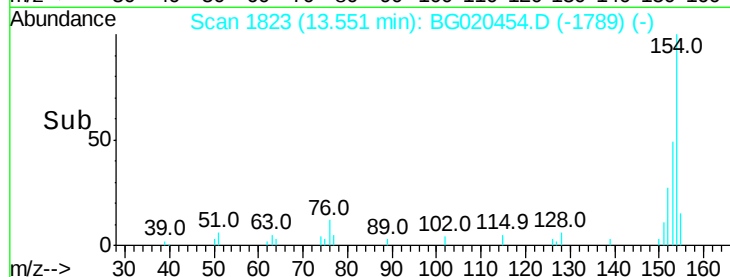
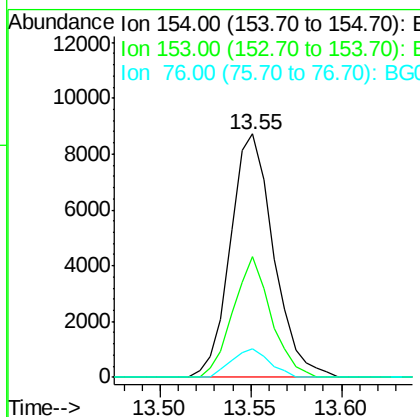
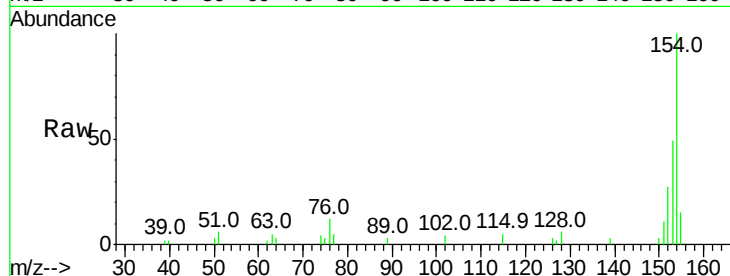
#41
 1,1'-Biphenyl
 Concen: 2.71 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020454.D
 Acq: 23 Dec 2015 22:05

Instrument :
 BNA_G
 ClientSampleId :
 D9N61DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	49.4	35.5	53.3
76	11.6	10.4	15.6

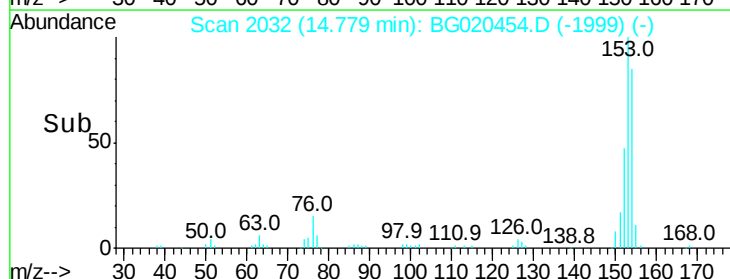
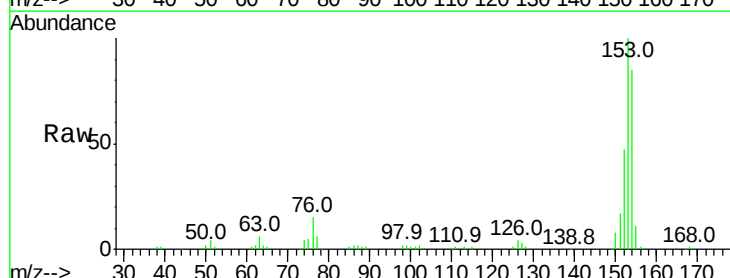
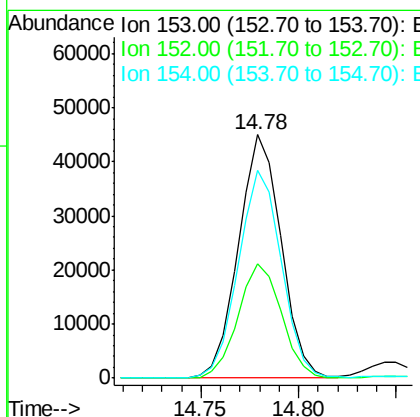
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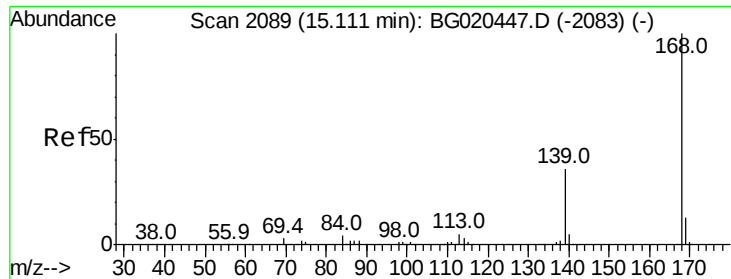
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#50
 Acenaphthene
 Concen: 14.32 ng/ul
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG020454.D
 Acq: 23 Dec 2015 22:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.6	56.4
154	85.3	67.9	101.9





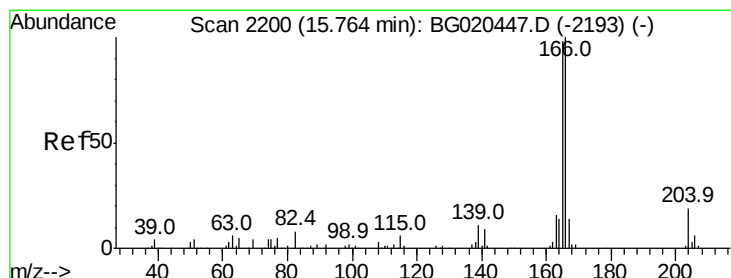
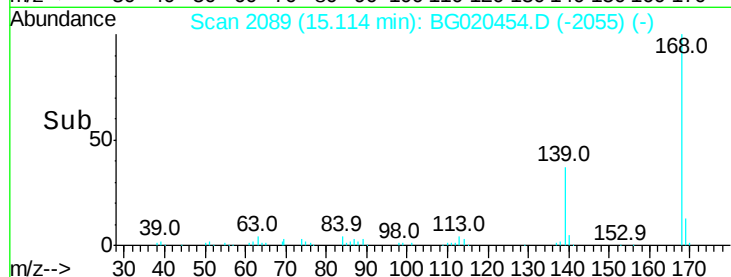
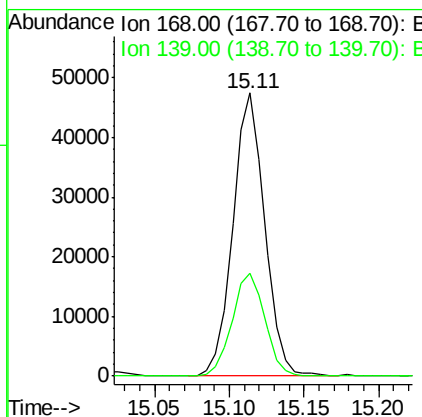
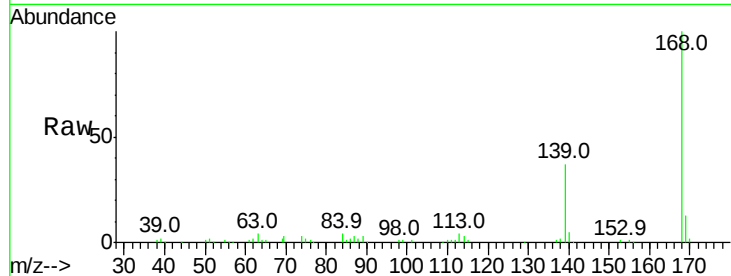
#54
Dibenzenofuran
Concen: 9.93 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tot Ion:168 Resp: 70417
Ion Ratio Lower Upper
168 100
139 36.6 30.5 45.7

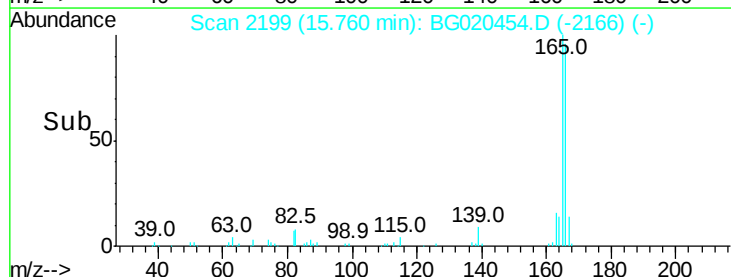
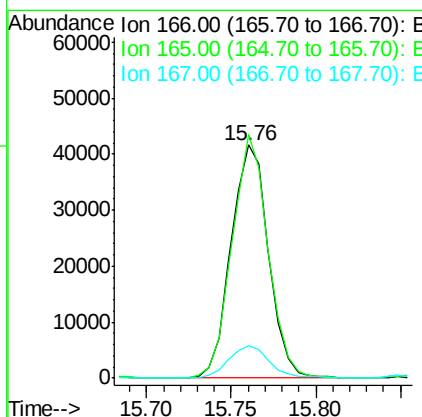
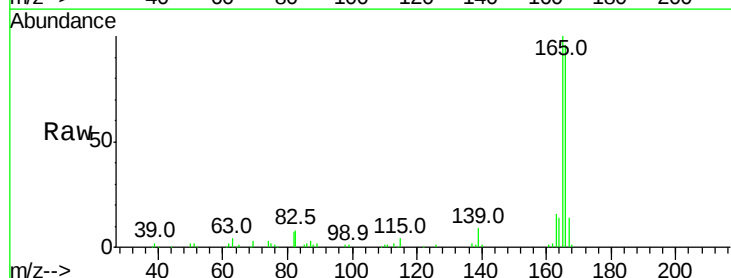
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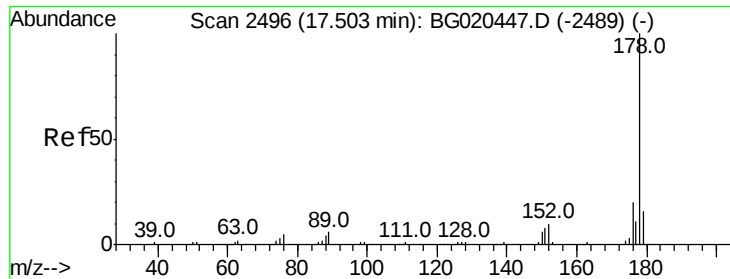
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#59
Fluorene
Concen: 11.27 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Tgt Ion:166 Resp: 64141
Ion Ratio Lower Upper
166 100
165 104.4 81.4 122.0
167 14.1 11.2 16.8





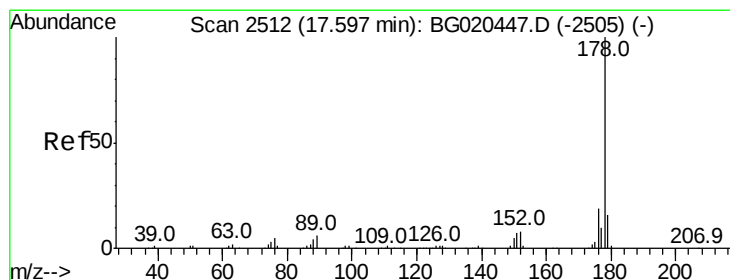
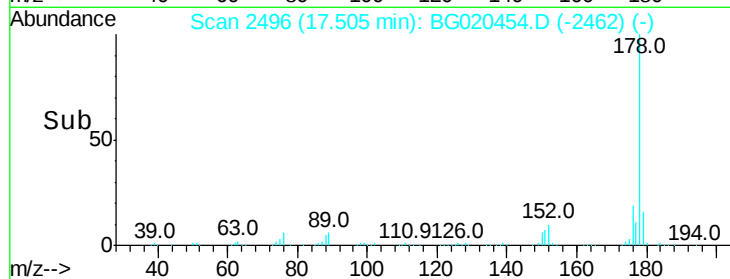
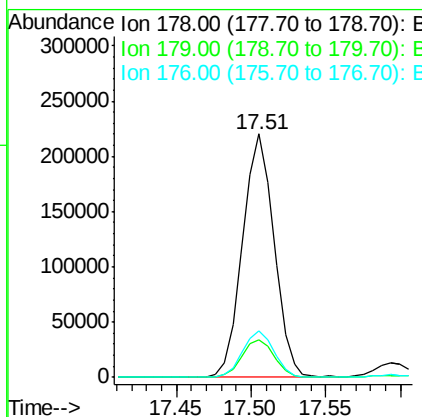
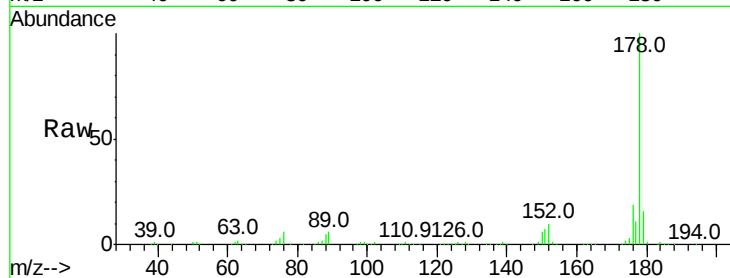
#70
Phenanthrene
Concen: 34.95 ng/ul
RT: 17.51 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.1	15.3	22.9

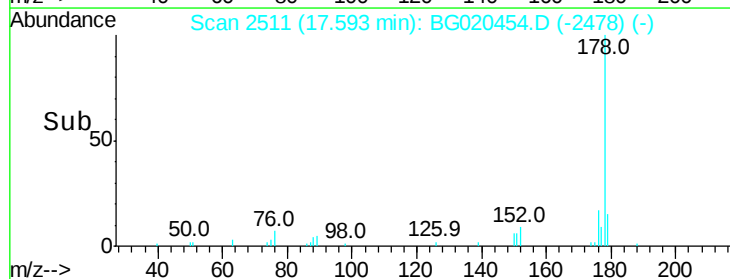
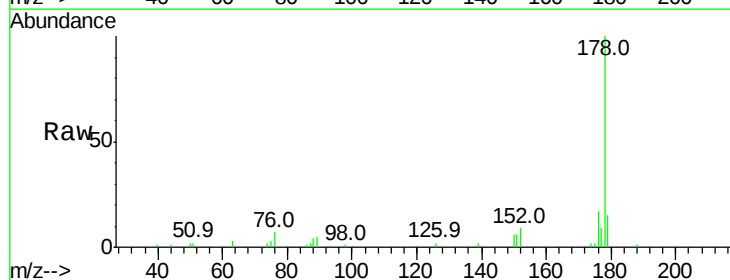
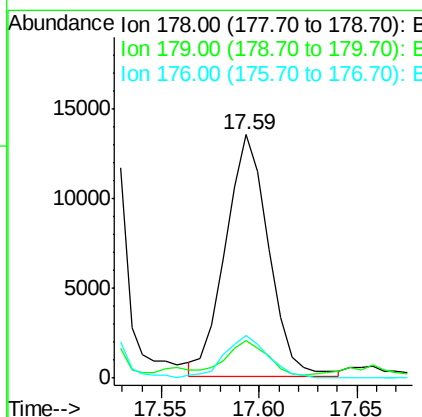
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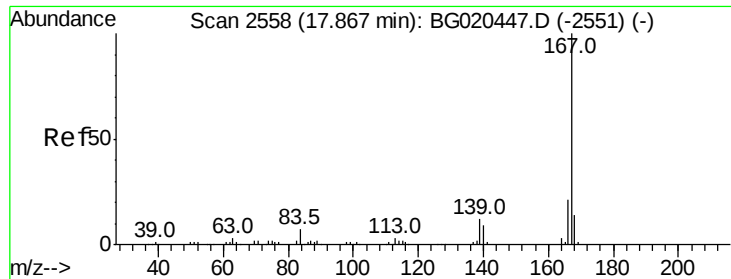
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#72
Anthracene
Concen: 2.20 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	17.5	14.3	21.5





#75

Carbazole

Concen: 1.49 ng/ul

RT: 17.86 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BG020454.D

Acq: 23 Dec 2015 22:05

Instrument :

BNA_G

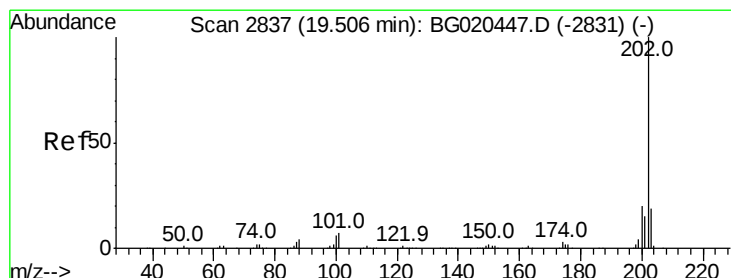
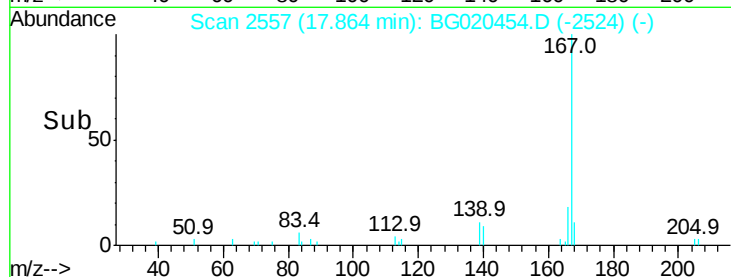
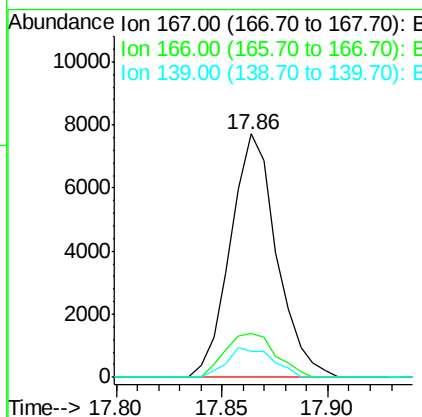
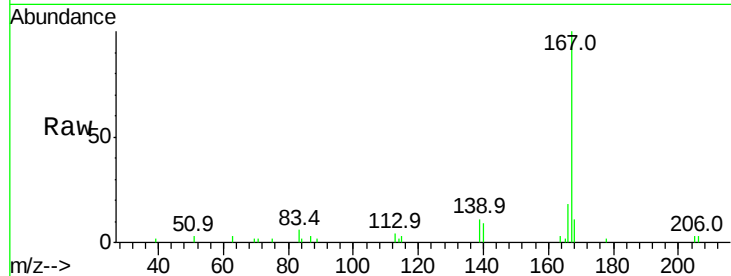
ClientSampleId :

D9N61DL

Tot Ion:	167	Resp:	11741
Ion Ratio	Lower	Upper	
167	100		
166	18.3	17.0	25.6
139	10.7	10.1	15.1

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#77

Fluoranthene

Concen: 18.90 ng/ul

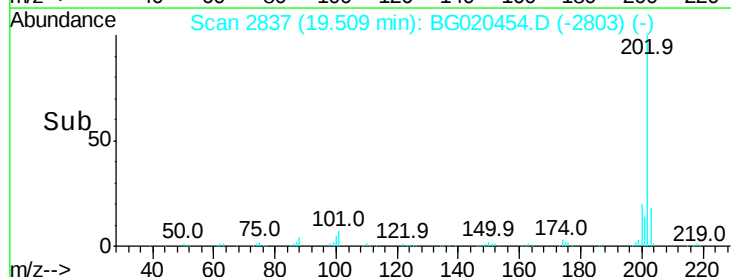
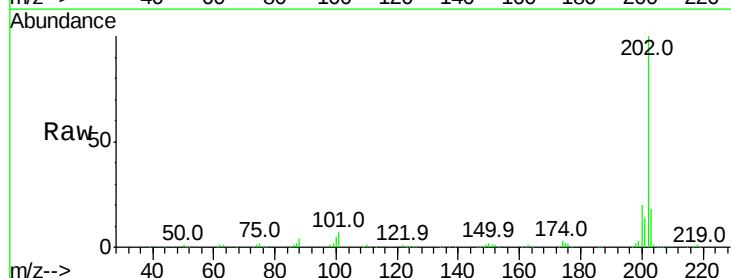
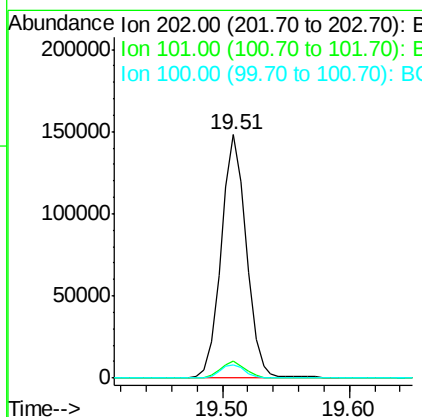
RT: 19.51 min Scan# 2837

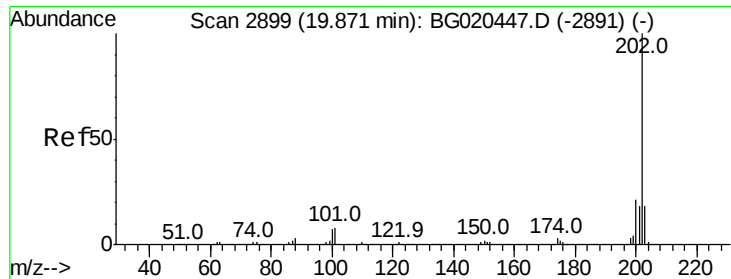
Delta R.T. 0.00 min

Lab File: BG020454.D

Acq: 23 Dec 2015 22:05

Tgt Ion:	202	Resp:	204019
Ion Ratio	Lower	Upper	
202	100		
101	7.0	6.2	9.4
100	5.4	5.1	7.7





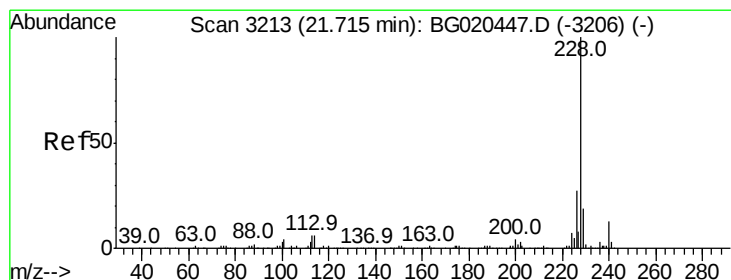
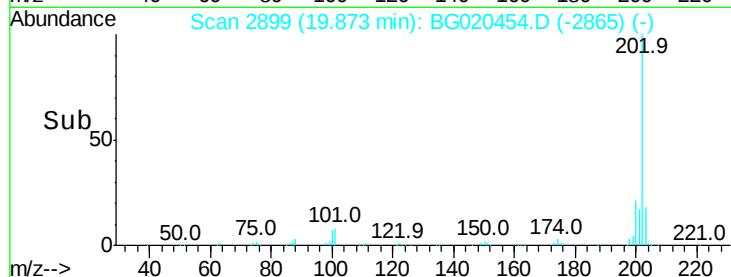
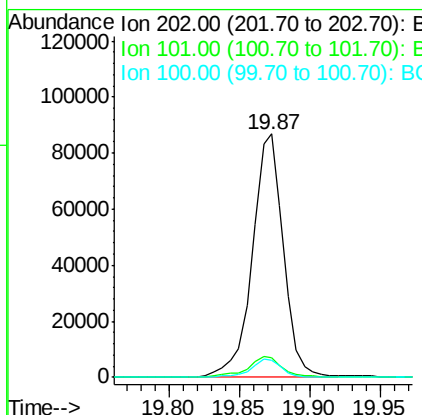
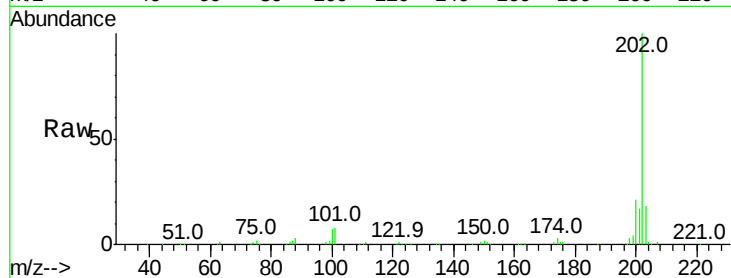
#80
Pvrene
Concen: 10.56 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	7.0	10.4
100	7.1	6.4	9.6

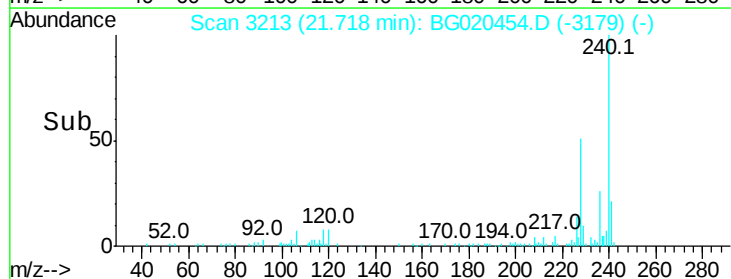
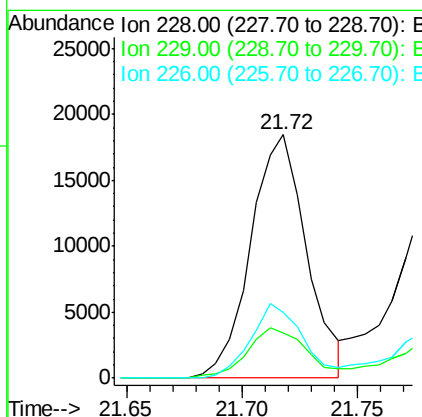
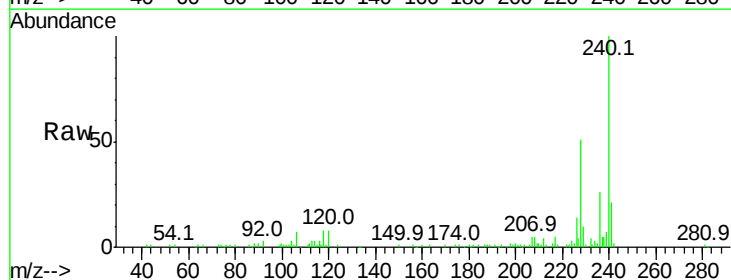
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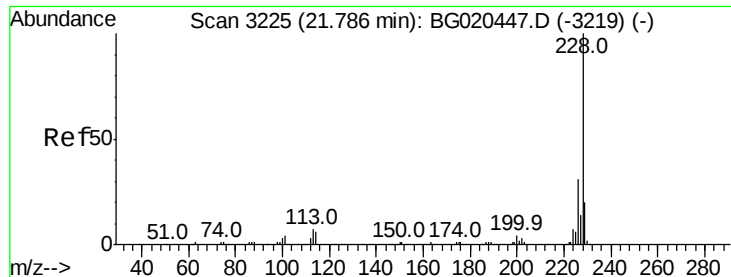
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#83
Benzo(a)anthracene
Concen: 2.53 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.8	15.8	23.8
226	26.9	21.8	32.6





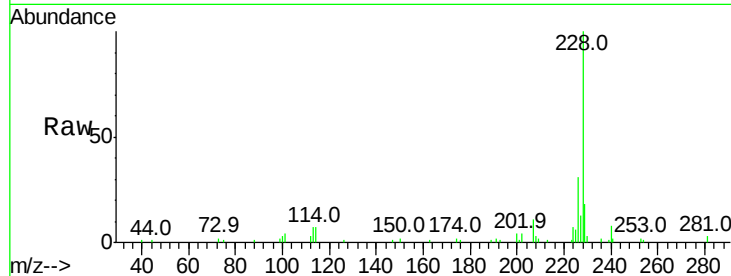
#85
Chrysene
Concen: 2.27 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Instrument :
BNA_G
ClientSampleId :
D9N61DL

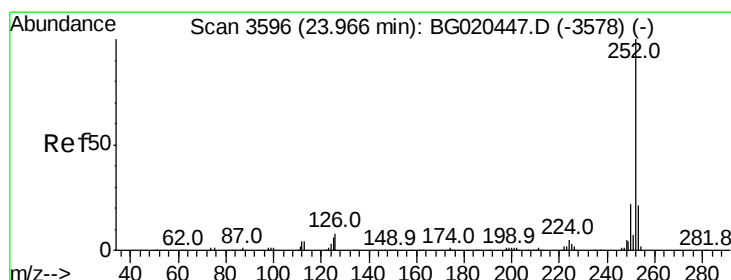
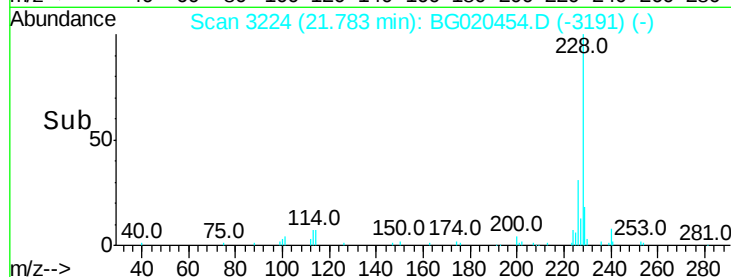
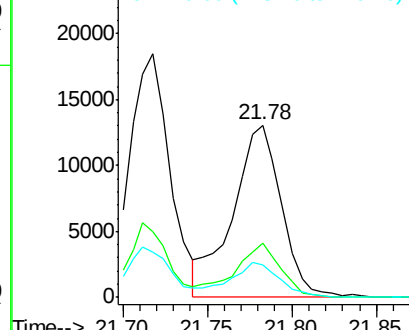
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	18.5	15.6	23.4

Manual Integrations
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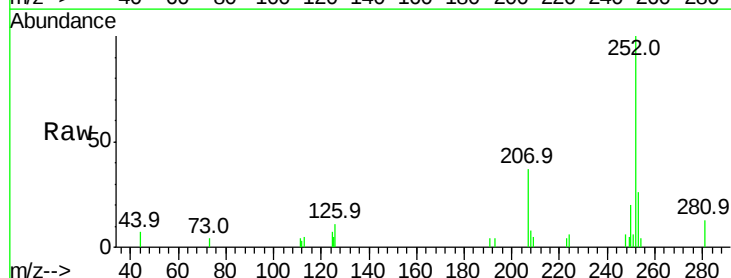


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88
Benzo(b)fluoranthene
Concen: 1.20 ng/ul
RT: 23.96 min Scan# 3595
Delta R.T. -0.00 min
Lab File: BG020454.D
Acq: 23 Dec 2015 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.7	25.1#
125	11.9	6.2	9.2#



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

