

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
 Data File : BG026942.D
 Acq On : 10 May 2017 17:35
 Operator : SJ/MA
 Sample : I2842-18DL 25X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC38DL

Manual Integrations
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Quant Time: May 10 18:15:01 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 17:27:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	171319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	827383	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	423612	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	747391	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	650653	20.00	ng/ul	0.00
83) Perylene-d12	24.78	264	685650	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	128	0.03	ng/uL	-0.11
5) Phenol-d5	7.20	99	16766	1.10	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.33	67	11573	1.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	14741	1.14	ng/ul	0.02
13) 4-Methylphenol-d8	8.74	113	14238	1.12	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	6698	0.97	ng/ul	0.02
22) 2-Nitrophenol-d4	9.89	143	7416	0.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	12487	1.04	ng/ul	0.03
29) 4-Chloroaniline-d4	10.97	131	3010	0.19	ng/ul	0.03
43) Dimethylphthalate-d6	14.02	166	41551	1.22	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	56324	1.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	223	0.04	ng/ul	0.00
57) Fluorene-d10	15.61	176	37364	1.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	369	0.08	ng/ul	0.02
70) Anthracene-d10	17.46	188	52940	1.46	ng/ul	0.00
76) Pyrene-d10	19.74	212	44844	1.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.57	264	44106	1.36	ng/ul	0.02

Target Compounds

						Qvalue
49) Acenaphthene	14.68	153	83252	2.74	ng/ul	96
53) Dibenzofuran	15.02	168	54655	1.35	ng/ul	94
58) Fluorene	15.66	166	111003	3.37	ng/ul	96
69) Phenanthrene	17.40	178	1471398	34.95	ng/ul	97
71) Anthracene	17.49	178	358760	8.31	ng/ul	99
72) Carbazole	17.76	167	158967	4.35	ng/ul	98
74) Fluoranthene	19.41	202	2573158	65.83	ng/ul#	74
77) Pyrene	19.77	202	2178797	49.91	ng/ul#	71
80) Benzo(a)anthracene	21.59	228	1188854	31.24	ng/ul	96
82) Chrysene	21.66	228	1148337	32.48	ng/ul	95
85) Benzo(b)fluoranthene	23.78	252	1563219	39.90	ng/ul#	89
86) Benzo(k)fluoranthene	23.84	252	555200m	14.42	ng/ul	
88) Benzo(a)pyrene	24.64	252	1061380	27.52	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	28.41	276	547426	11.98	ng/ul#	73
90) Dibenzo(a,h)anthracene	28.43	278	135837	3.50	ng/ul#	67
91) Benzo(g,h,i)perylene	29.54	276	418761	11.05	ng/ul#	71

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

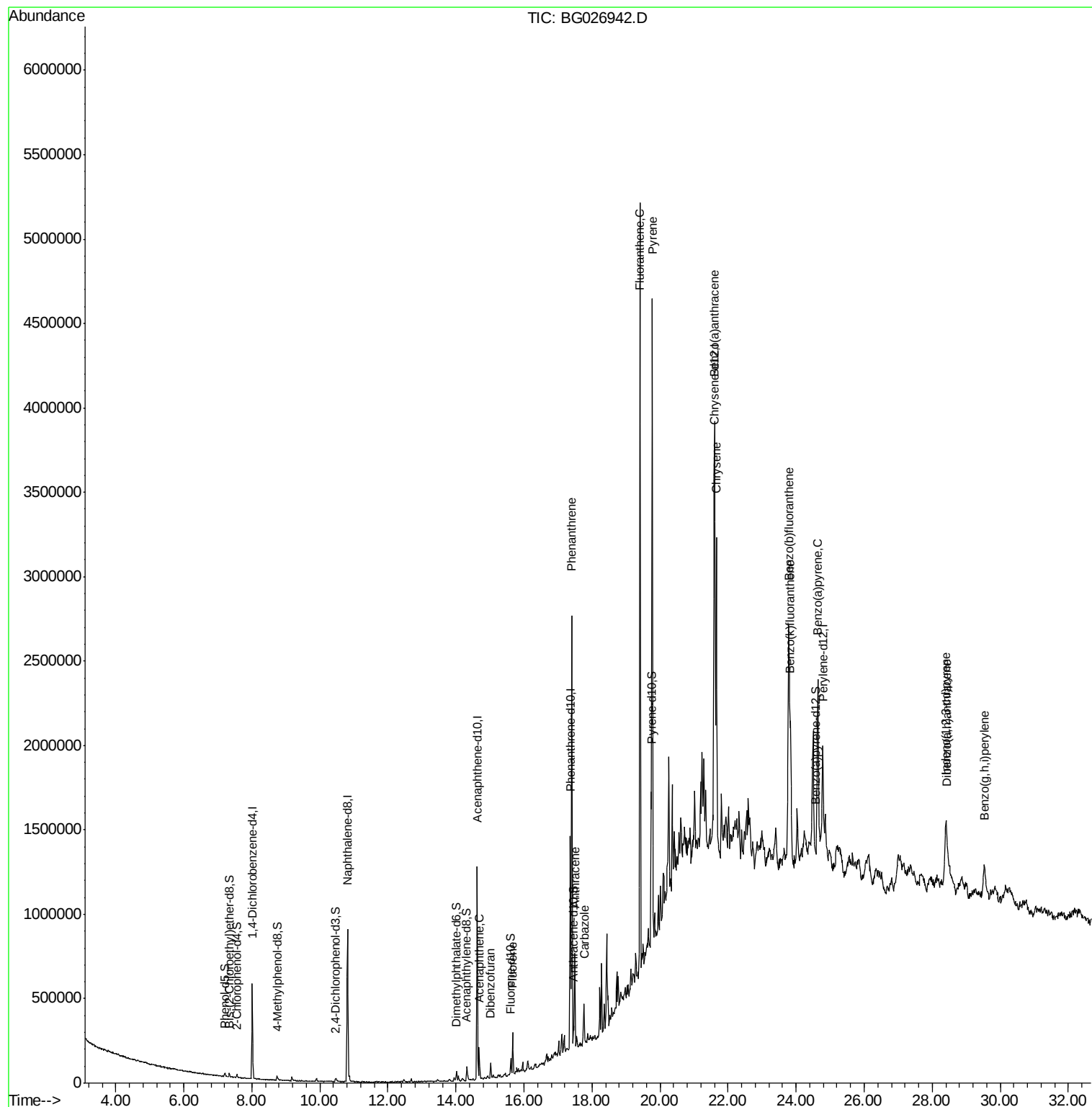
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026942.D
Acq On : 10 May 2017 17:35
Operator : SJ/MA
Sample : I2842-18DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

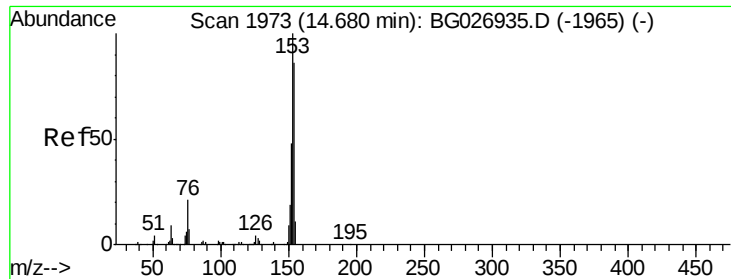
Instrument :
BNA_G
ClientSampleId :
BDC38DL

Quant Time: May 10 18:15:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 17:27:44 2017
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#49

Acenaphthene

Concen: 2.74 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Instrument :

BNA_G

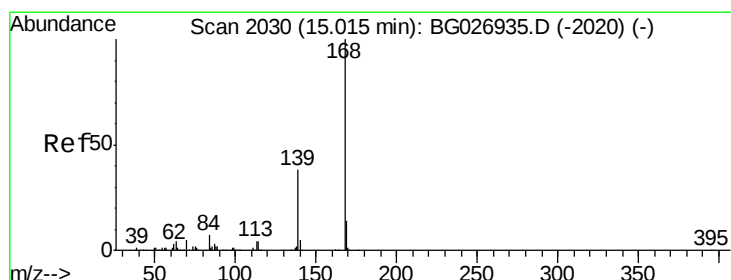
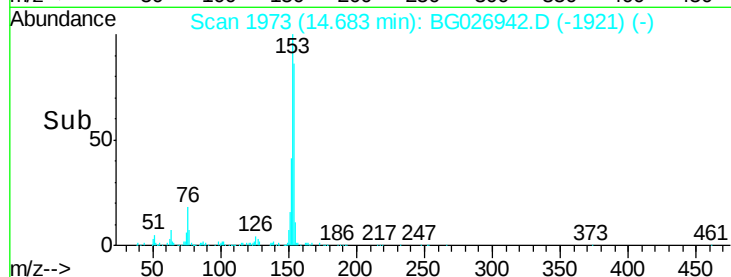
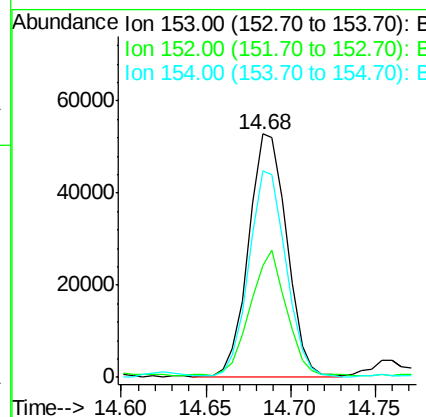
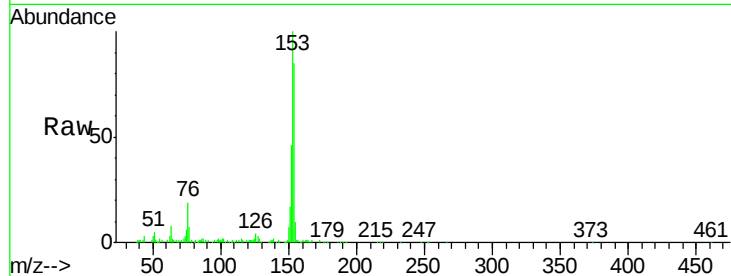
ClientSampleId :

BDC38DL

Tgt Ion:	153	Resp:	83252
Ion Ratio	Lower	Upper	
153	100		
152	45.8	36.5	54.7
154	85.1	72.3	108.5

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#53

Dibenzofuran

Concen: 1.35 ng/ul

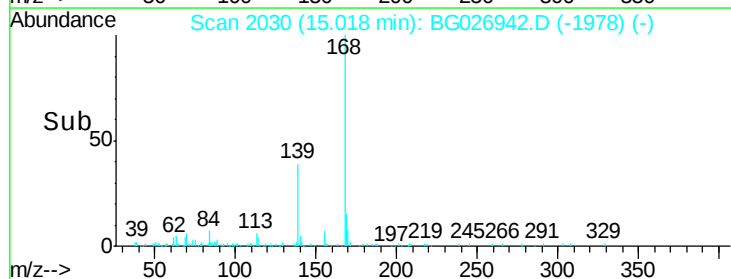
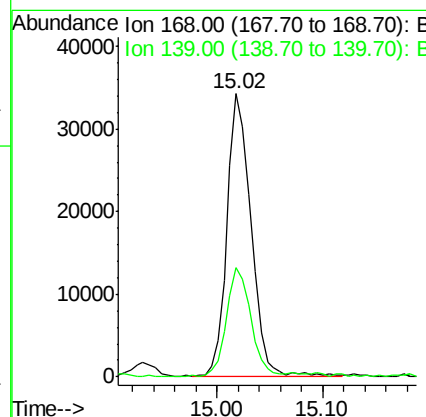
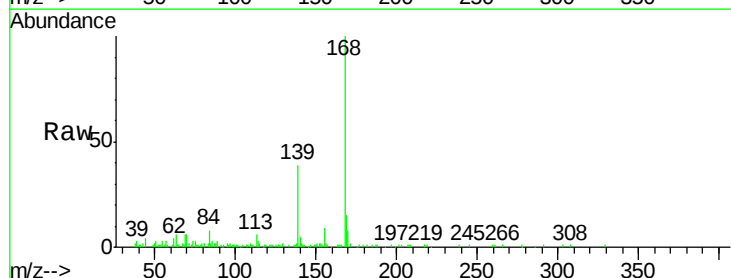
RT: 15.02 min Scan# 2030

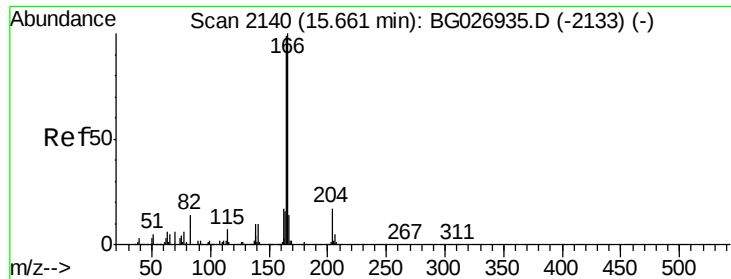
Delta R.T. 0.00 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Tgt Ion:	168	Resp:	54655
Ion Ratio	Lower	Upper	
168	100		
139	38.5	33.8	50.8





#58

Fluorene

Concen: 3.37 ng/ul

RT: 15.66 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Instrument :

BNA_G

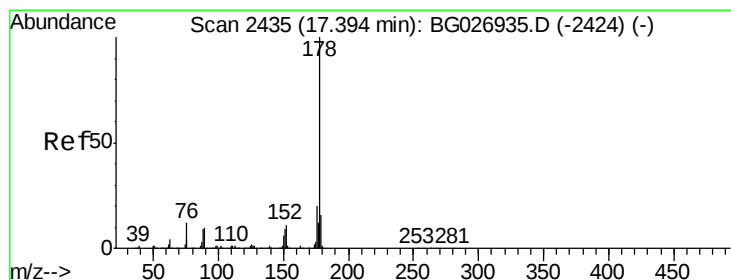
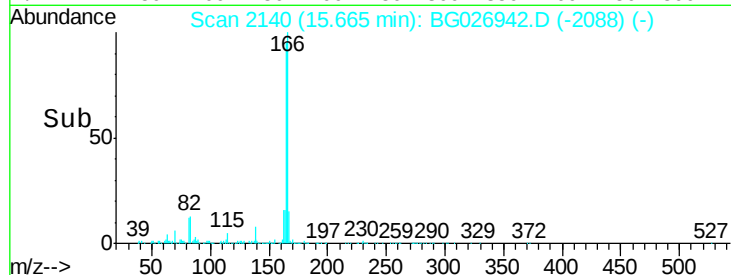
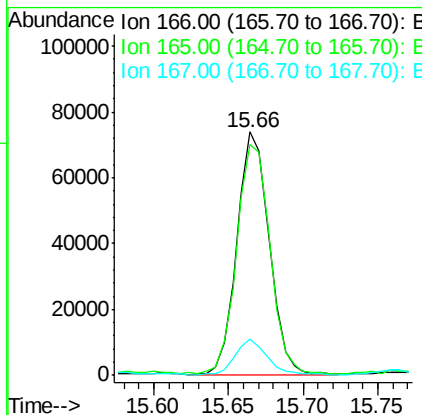
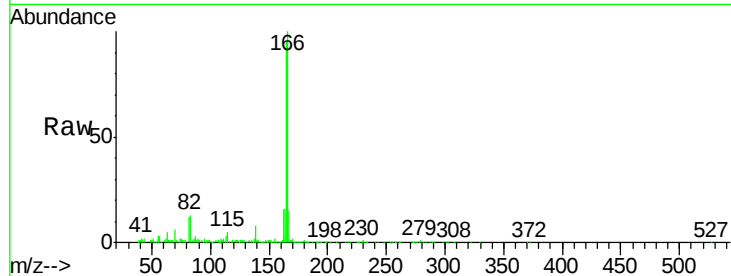
ClientSampleID :

BDC38DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.7	79.7	119.5
167	15.0	11.4	17.2

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#69

Phenanthrene

Concen: 34.95 ng/ul

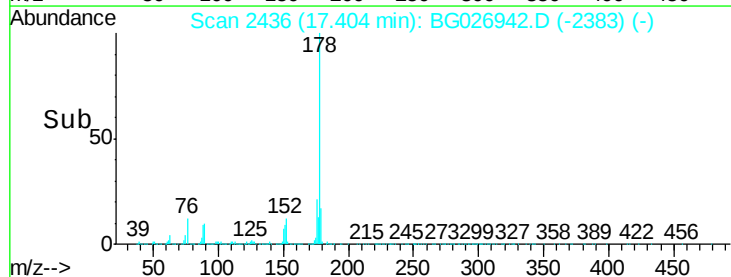
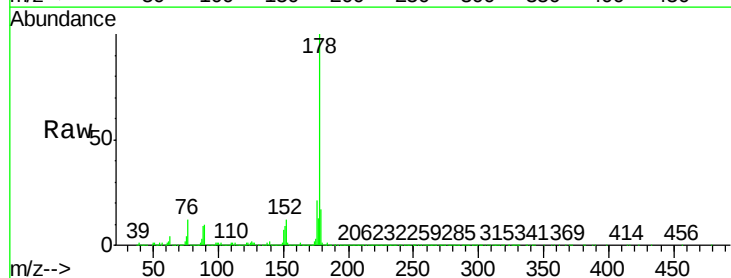
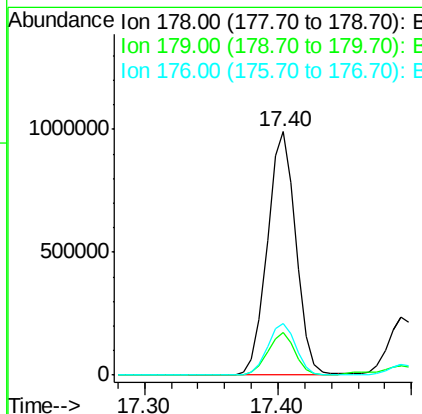
RT: 17.40 min Scan# 2436

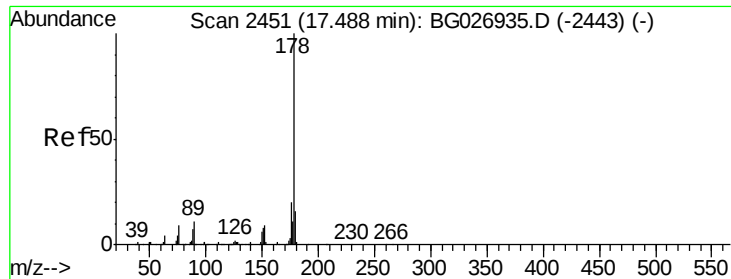
Delta R.T. 0.01 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.4	18.6
176	21.4	16.5	24.7





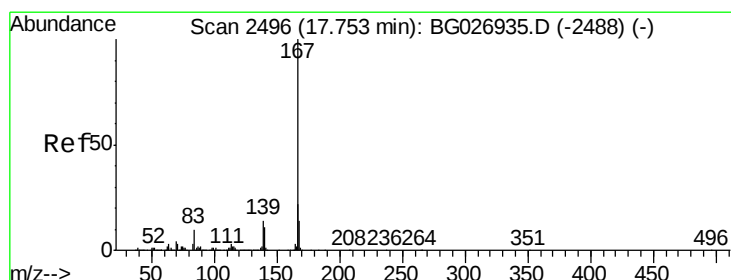
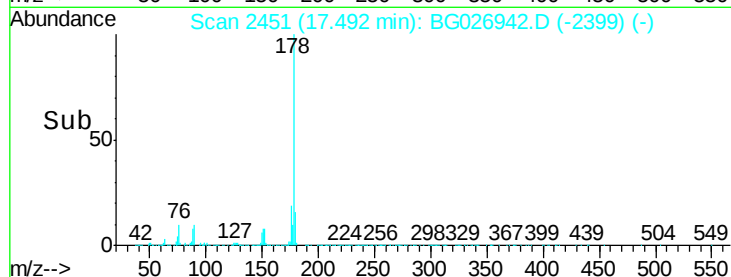
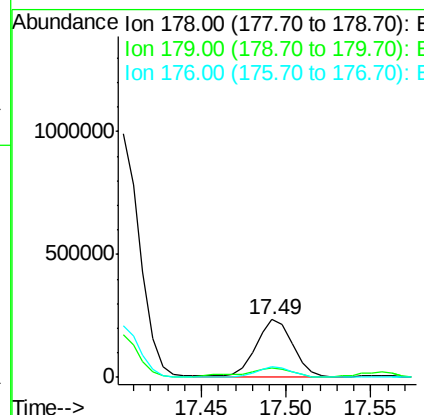
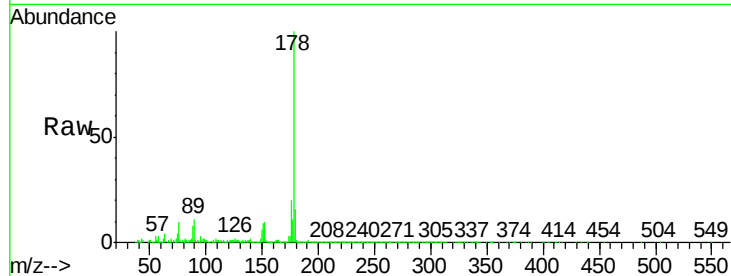
#71
 Anthracene
 Concen: 8.31 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG026942.D
 Acq: 10 May 2017 17:35

Instrument :
 BNA_G
 ClientSampleId :
 BDC38DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	358760		
179	15.9	12.6	19.0	
176	19.5	15.9	23.9	

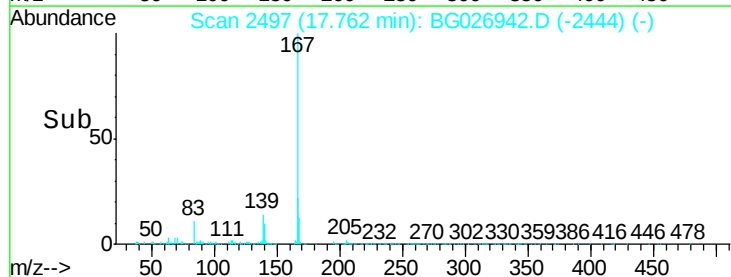
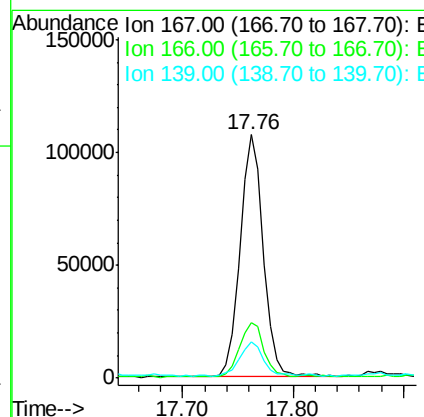
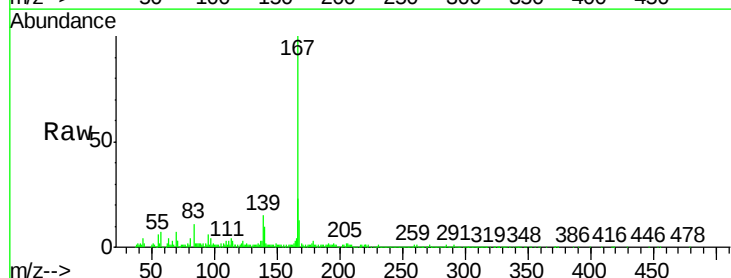
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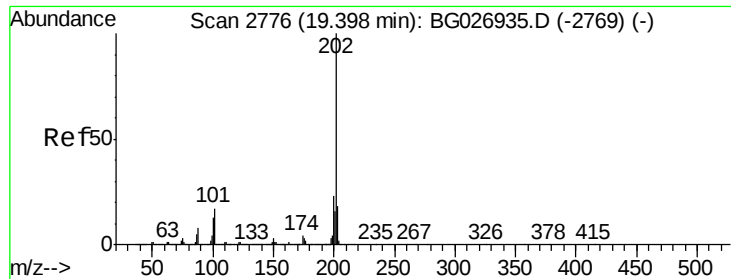
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#72
 Carbazole
 Concen: 4.35 ng/ul
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BG026942.D
 Acq: 10 May 2017 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	158967		
166	22.8	17.9	26.9	
139	15.0	10.5	15.7	





#74

Fluoranthene

Concen: 65.83 ng/ul

RT: 19.41 min Scan# 2778

Delta R.T. 0.02 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Instrument :

BNA_G

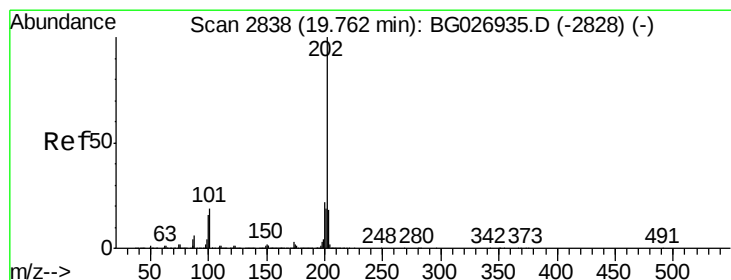
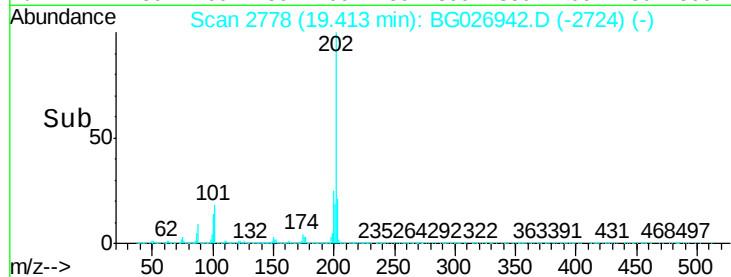
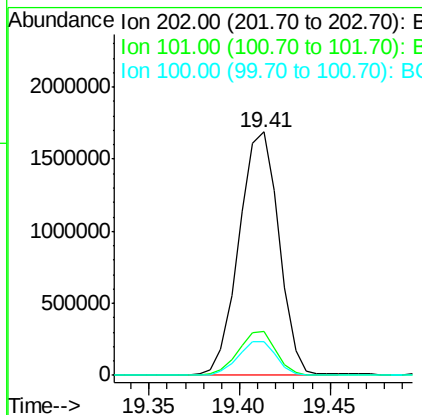
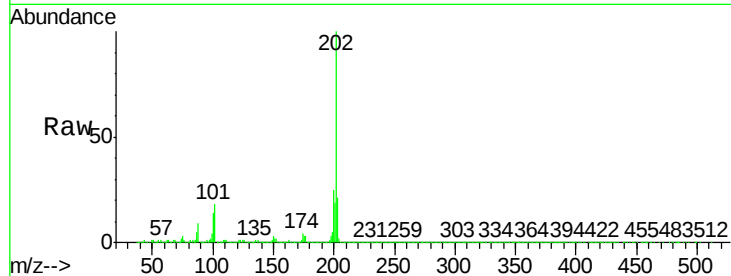
ClientSampleId :

BDC38DL

Tgt Ion:	202	Resp:	2573158
Ion Ratio	Lower	Upper	
202	100		
101	17.9	6.2	9.2#
100	13.9	5.2	7.8#

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#77

Pyrene

Concen: 49.91 ng/ul

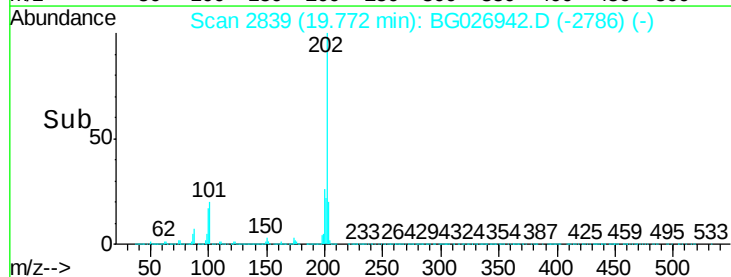
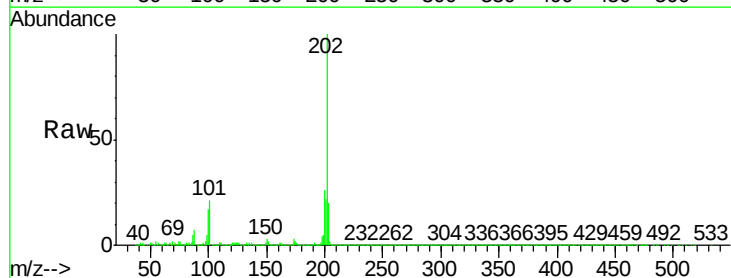
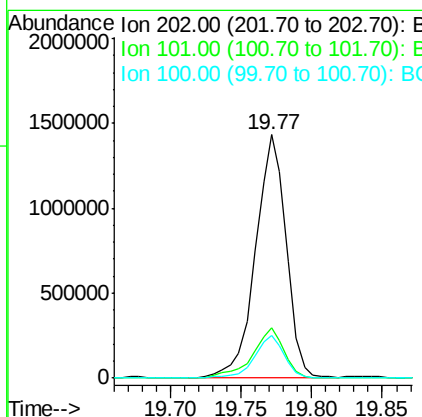
RT: 19.77 min Scan# 2839

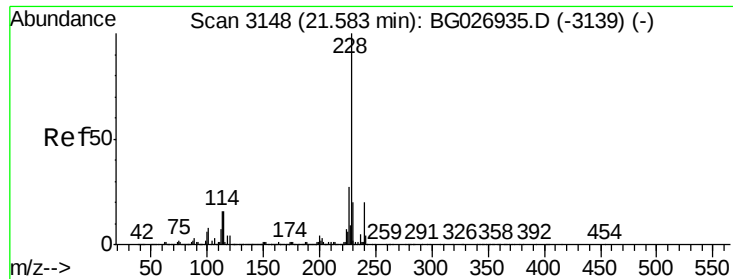
Delta R.T. 0.01 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Tgt Ion:	202	Resp:	2178797
Ion Ratio	Lower	Upper	
202	100		
101	20.5	6.9	10.3#
100	17.3	6.6	10.0#





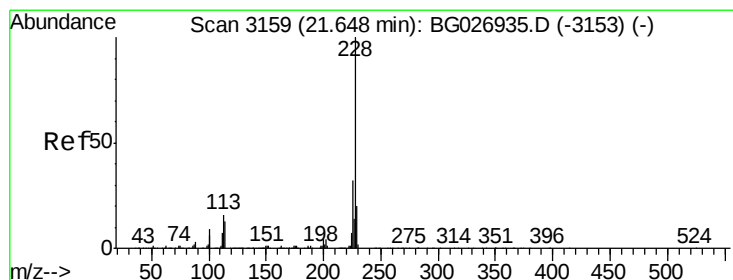
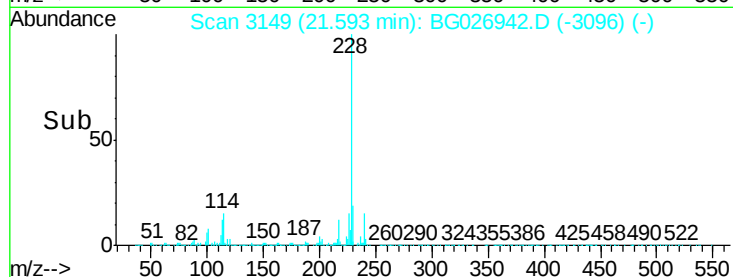
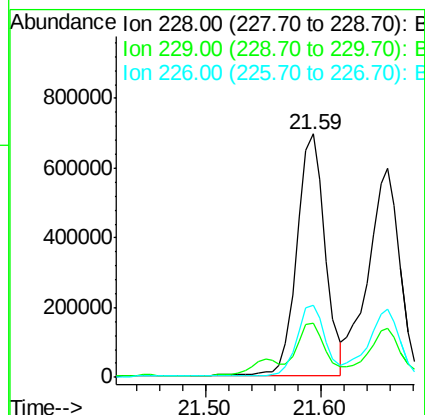
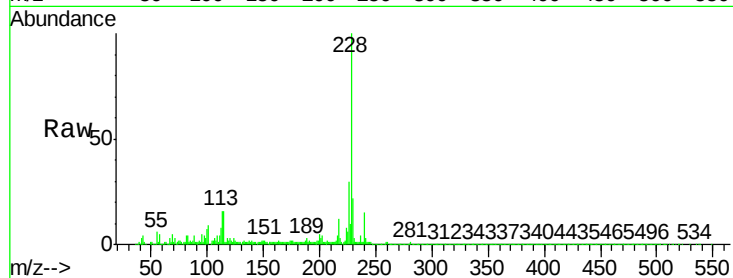
#80
Benzo(a)anthracene
Concen: 31.24 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG026942.D
Acq: 10 May 2017 17:35

Instrument :
BNA_G
ClientSampleId :
BDC38DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.3	24.5
226	29.7	21.9	32.9

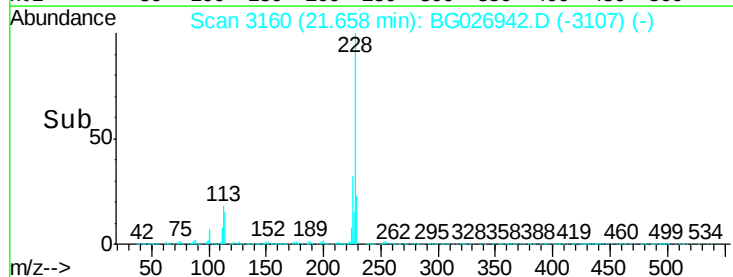
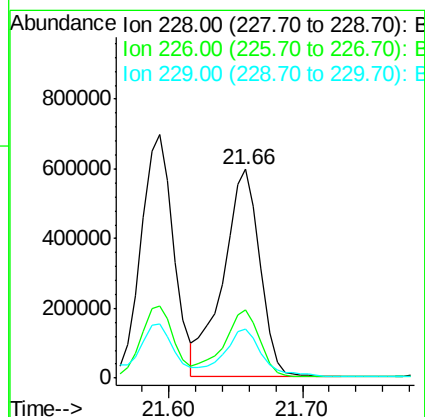
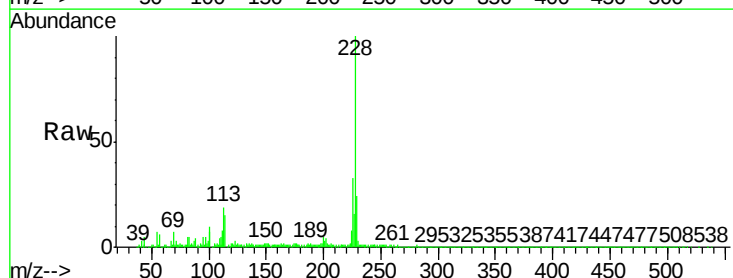
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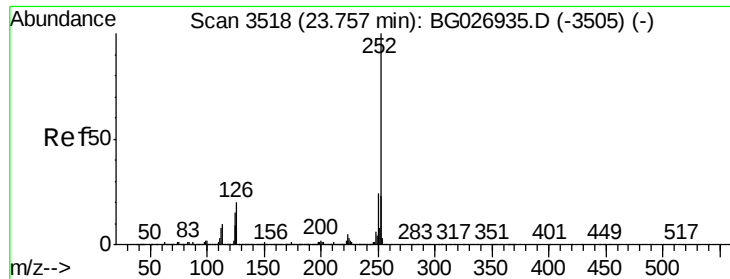
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#82
Chrysene
Concen: 32.48 ng/ul
RT: 21.66 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG026942.D
Acq: 10 May 2017 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.0	36.0
229	23.8	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 39.90 ng/ul

RT: 23.78 min Scan# 3522

Delta R.T. 0.03 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Instrument :

BNA_G

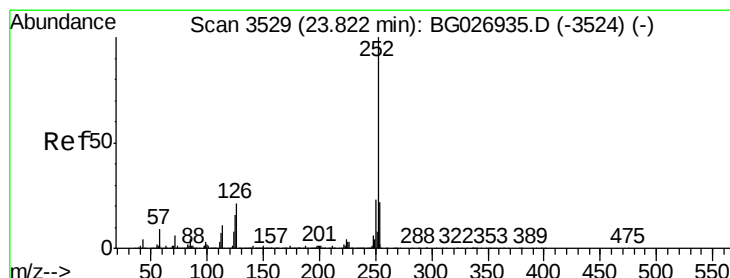
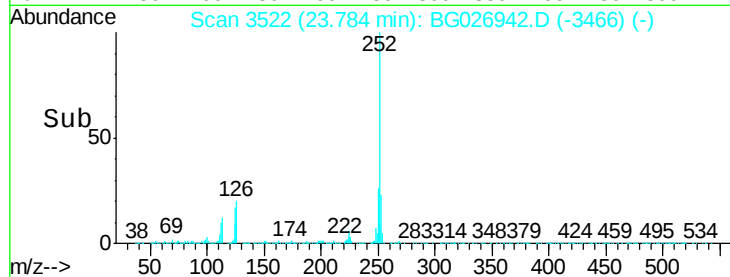
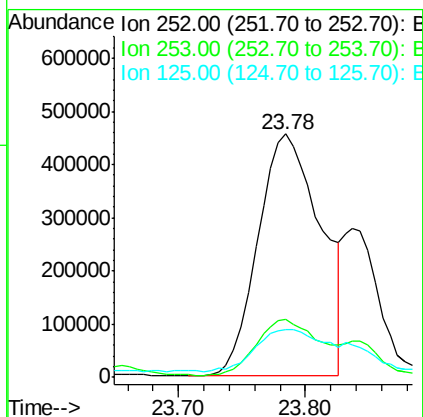
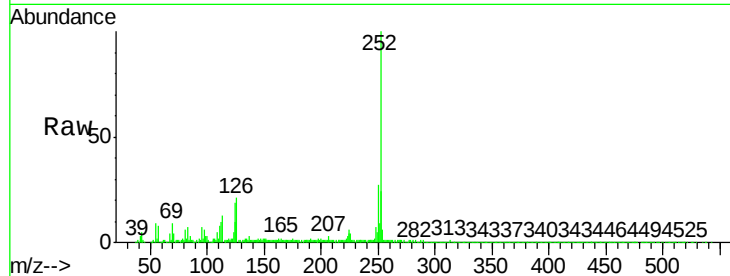
ClientSampleId :

BDC38DL

Tgt Ion:	252	Resp:	1563219
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.7	26.5
125	19.5	4.0	6.0#

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#86

Benzo(k)fluoranthene

Concen: 14.42 ng/ul m

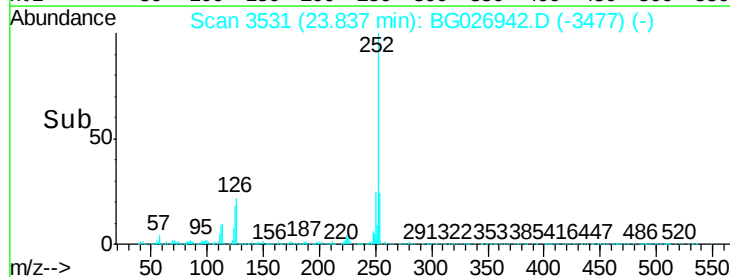
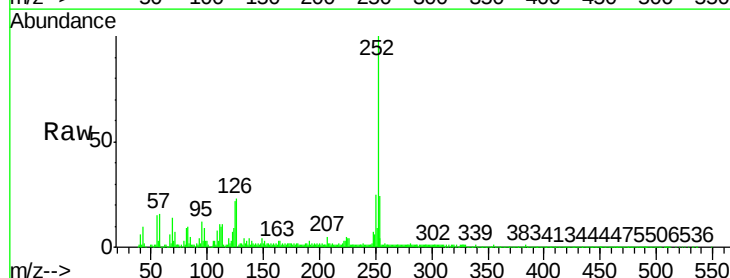
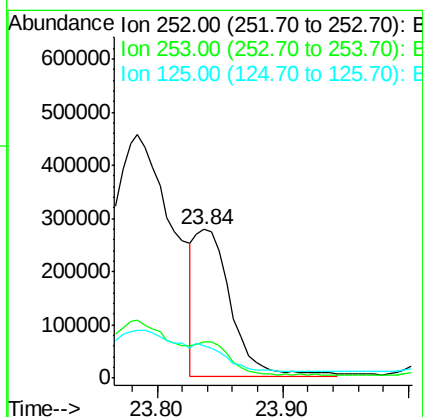
RT: 23.84 min Scan# 3531

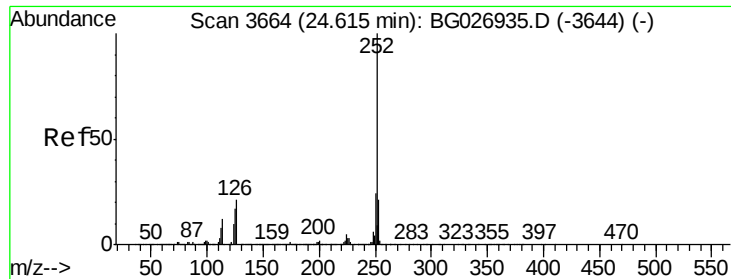
Delta R.T. 0.02 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Tgt Ion:	252	Resp:	555200
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.5	27.7
125	21.5	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 27.52 ng/ul

RT: 24.64 min Scan# 3667

Delta R.T. 0.02 min

Lab File: BG026942.D

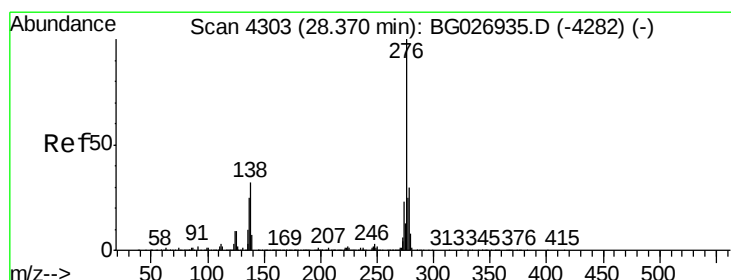
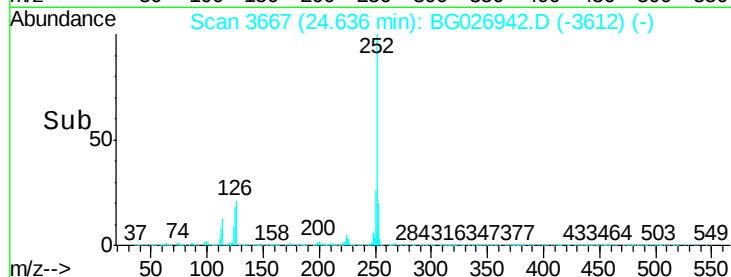
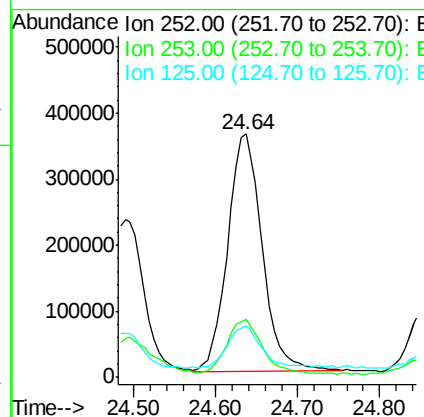
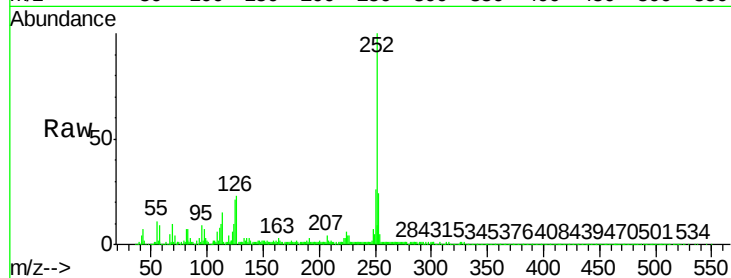
Acq: 10 May 2017 17:35

Instrument :
BNA_G
ClientSampleID :
BDC38DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	21.3	5.4	8.0#

Manual Integrations
APPROVED

mohammad
5/11/2017 4:53:30 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 11.98 ng/ul

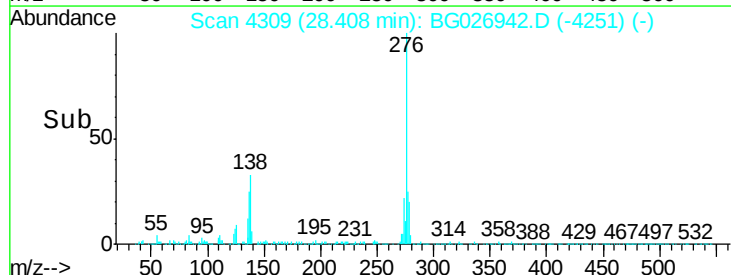
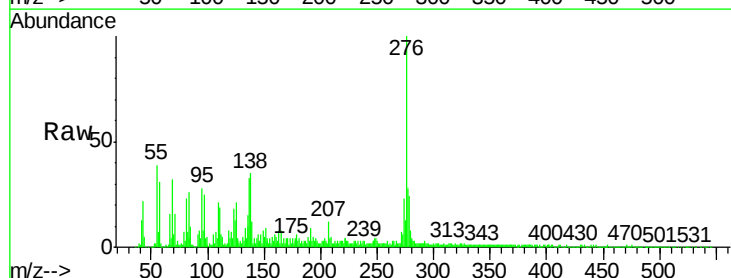
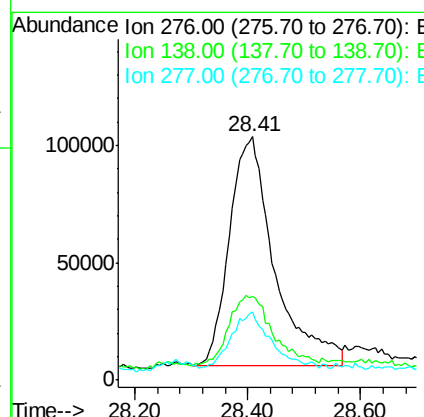
RT: 28.41 min Scan# 4309

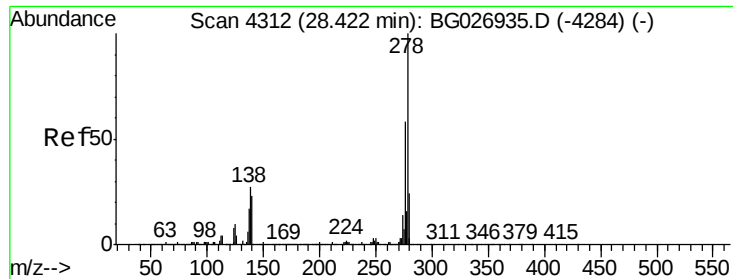
Delta R.T. 0.04 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	8.2	12.4#
277	28.1	18.6	28.0#





#90

Dibenzo(a,h)anthracene

Concen: 3.50 ng/ul

RT: 28.43 min Scan# 4313

Delta R.T. 0.01 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Instrument :

BNA_G

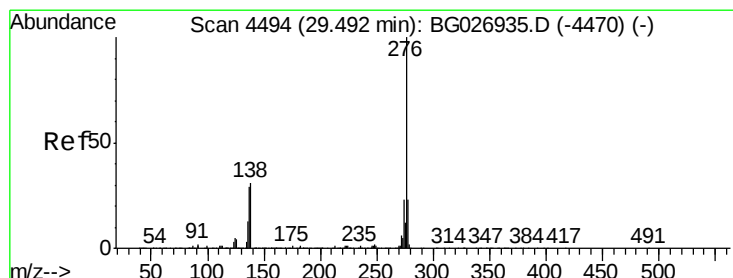
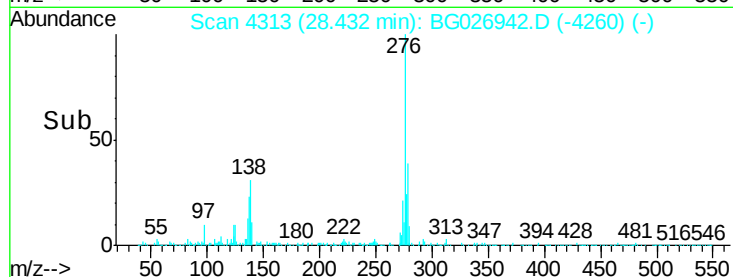
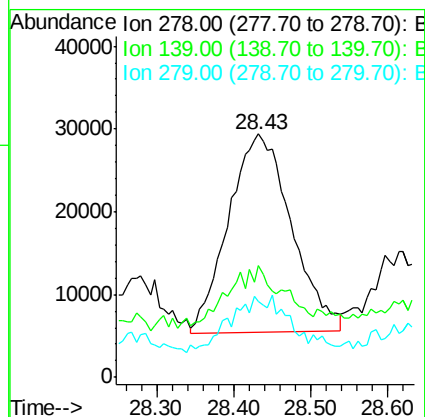
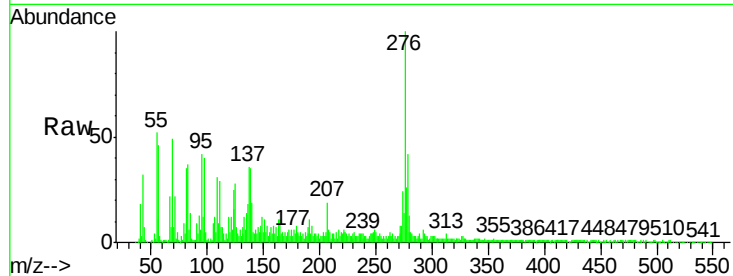
ClientSampleId :

BDC38DL

Tgt Ion:	278	Resp:	135837
Ion Ratio	Lower	Upper	
278	100		
139	45.7	6.7	10.1#
279	31.0	20.9	31.3

Manual Integrations
APPROVED

mohammad
5/11/2017 4:53:30 PM



#91

Benzo(g,h,i)perylene

Concen: 11.05 ng/ul

RT: 29.54 min Scan# 4501

Delta R.T. 0.04 min

Lab File: BG026942.D

Acq: 10 May 2017 17:35

Tgt Ion:	276	Resp:	418761
Ion Ratio	Lower	Upper	
276	100		
138	34.3	8.6	12.8#
277	28.0	17.6	26.4#

